

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110679.D
 Acq On : 12 Nov 2018 17:27
 Operator : JU/SJ
 Sample : J5269-10MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 05:39:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88599	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	370850	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	180775	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	332279	20.00	ng	0.00
76) Chrysene-d12	14.13	240	203237	20.00	ng	0.00
87) Perylene-d12	15.66	264	162873	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	539490	98.91	ng	0.02
7) Phenol-d6	6.57	99	641997	92.04	ng	0.00
23) Nitrobenzene-d5	7.52	82	492655	76.50	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	198429	108.94	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	943217	74.52	ng	0.00
79) Terphenyl-d14	13.06	244	879686	81.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	81181	29.871	ng	# 72
3) Pyridine	3.69	79	209163	35.655	ng	# 85
4) n-Nitrosodimethylamine	3.63	42	121329	48.202	ng	92
6) Aniline	6.62	93	70728	7.776	ng	# 59
8) 2-Chlorophenol	6.73	128	273072	42.706	ng	98
9) Benzaldehyde	6.50	77	173318	49.121	ng	95
10) Phenol	6.59	94	281737	34.835	ng	# 63
11) bis(2-Chloroethyl)ether	6.68	93	254704	42.022	ng	94
12) 1,3-Dichlorobenzene	6.89	146	272615	38.965	ng	99
13) 1,4-Dichlorobenzene	6.96	146	278271	39.168	ng	98
14) 1,2-Dichlorobenzene	7.12	146	267459	40.468	ng	100
15) Benzyl Alcohol	7.09	79	240485	44.058	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	398904	41.907	ng	77
17) 2-Methylphenol	7.20	107	219090	43.052	ng	# 84
18) Hexachloroethane	7.45	117	103756	39.559	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	193853	43.539	ng	95
20) 3+4-Methylphenols	7.35	107	277381	42.461	ng	# 71
22) Acetophenone	7.36	105	389724	45.092	ng	# 94
24) Nitrobenzene	7.53	77	296443	44.931	ng	93
25) Isophorone	7.77	82	539665	51.132	ng	95
26) 2-Nitrophenol	7.85	139	149315	45.365	ng	95
27) 2,4-Dimethylphenol	7.87	122	252920	50.456	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	335126	46.896	ng	99
29) 2,4-Dichlorophenol	8.09	162	240426	46.613	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	248818	42.786	ng	96
31) Naphthalene	8.25	128	813810	46.745	ng	99
32) Benzoic acid	7.99	122	66895	18.861	ng	92
33) 4-Chloroaniline	8.30	127	43653	5.536	ng	97
34) Hexachlorobutadiene	8.35	225	133614	40.225	ng	99
35) Caprolactam	8.68	113	31316	18.173	ng	95
36) 4-Chloro-3-methylphenol	8.79	107	258962	46.553	ng	95
37) 2-Methylnaphthalene	8.94	142	571394	50.066	ng	99
38) 1-Methylnaphthalene	8.94	142	571394	52.060	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	239495	41.853	ng	98

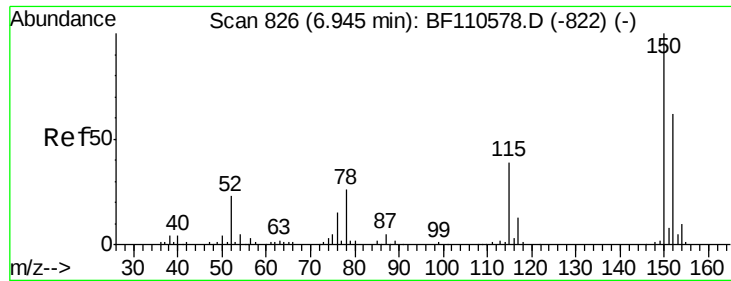
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	172477	77.577	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	164788	45.827	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	172489	44.970	ng	95
46) 1,1'-Biphenyl	9.40	154	705004	41.806	ng	100
47) 2-Chloronaphthalene	9.43	162	531977	43.787	ng	98
48) 2-Nitroaniline	9.53	65	167434	44.722	ng	97
49) Acenaphthylene	9.85	152	833729	47.651	ng	98
50) Dimethylphthalate	9.70	163	625973	46.406	ng	99
51) 2,6-Dinitrotoluene	9.77	165	137622	46.380	ng	97
52) Acenaphthene	10.02	154	505863	45.750	ng	99
53) 3-Nitroaniline	9.95	138	37784	10.991	ng	99
54) 2,4-Dinitrophenol	10.06	184	55262	48.705	ng	93
55) Dibenzofuran	10.20	168	718689	44.425	ng	97
56) 4-Nitrophenol	10.12	139	164475	72.116	ng	96
57) 2,4-Dinitrotoluene	10.19	165	181878	47.141	ng	97
58) Fluorene	10.54	166	596370	47.994	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	140794	46.660	ng	94
60) Diethylphthalate	10.40	149	623690	46.736	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	283132	44.007	ng	96
62) 4-Nitroaniline	10.57	138	137642	39.760	ng	97
63) Azobenzene	10.69	77	589580	45.283	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	52070	31.093	ng	86
66) n-Nitrosodiphenylamine	10.65	169	511467	45.667	ng	96
67) 4-Bromophenyl-phenylether	11.02	248	165712	45.124	ng	# 89
68) Hexachlorobenzene	11.09	284	178837	46.190	ng	94
69) Atrazine	11.17	200	149949	43.787	ng	99
70) Pentachlorophenol	11.29	266	137319	66.468	ng	97
71) Phenanthrene	11.51	178	855223	48.041	ng	99
72) Anthracene	11.56	178	880686	49.042	ng	99
73) Carbazole	11.72	167	728286	42.229	ng	100
74) Di-n-butylphthalate	12.03	149	949361	46.943	ng	99
75) Fluoranthene	12.70	202	825606	46.259	ng	99
77) Benzidine	12.82	184	217118	38.847	ng	98
78) Pyrene	12.93	202	809159	51.708	ng	98
80) Butylbenzylphthalate	13.53	149	351299	52.157	ng	96
81) Benzo(a)anthracene	14.12	228	609534	50.177	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	19715	4.845	ng	99
83) Chrysene	14.16	228	566463	48.946	ng	98
84) Bis(2-ethylhexyl)phthalate	14.08	149	496238	59.391	ng	97
85) Di-n-octyl phthalate	14.70	149	726612	59.137	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	518631	62.450	ng	97
88) Benzo(b)fluoranthene	15.20	252	488297	50.115	ng	98
89) Benzo(k)fluoranthene	15.20	252	488297	50.717	ng	97
90) Benzo(a)pyrene	15.60	252	438020	49.478	ng	99
91) Dibenzo(a,h)anthracene	17.24	278	432969	57.793	ng	99
92) Benzo(g,h,i)perylene	17.72	276	439983	59.193	ng	98

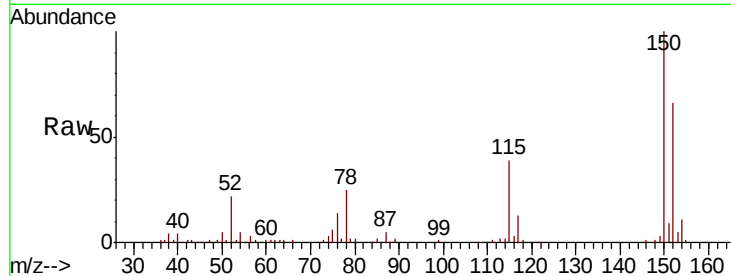
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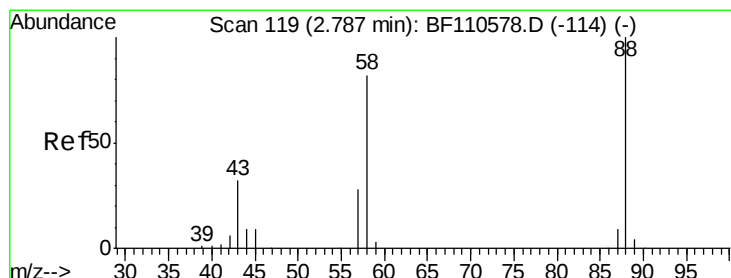
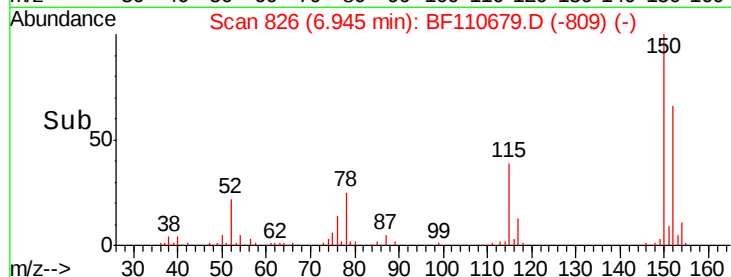
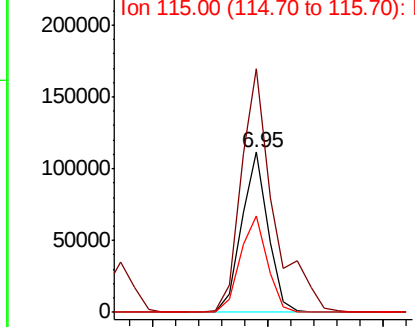
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion:152 Resp: 88599
 Ion Ratio Lower Upper
 152 100
 150 152.3 122.7 184.1
 115 60.0 49.1 73.7

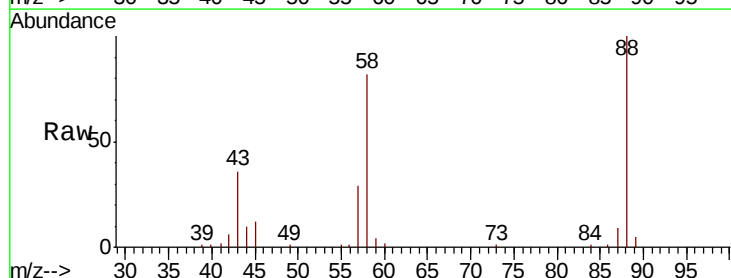


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

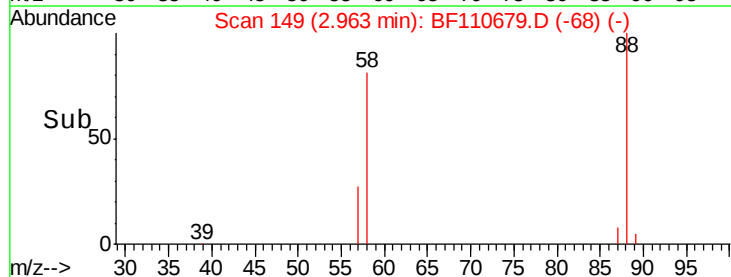
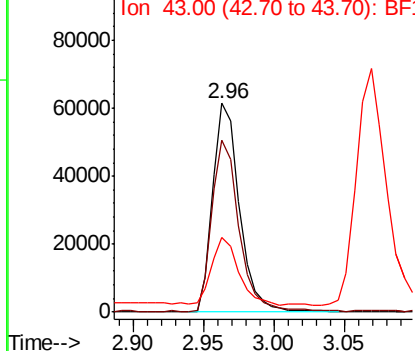


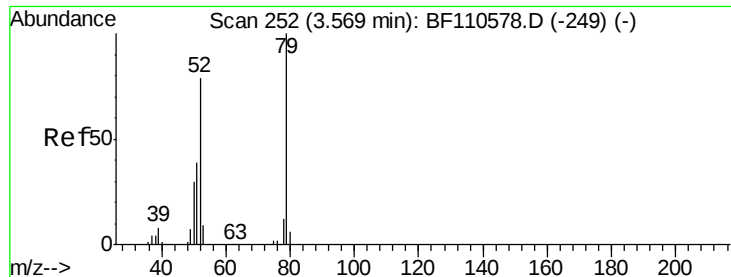
#2
 1,4-Dioxane
 Concen: 29.871 ng
 RT: 2.96 min Scan# 149
 Delta R.T. 0.18 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion: 88 Resp: 81181
 Ion Ratio Lower Upper
 88 100
 58 84.4 57.1 85.7
 43 0.0 24.1 36.1#



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1

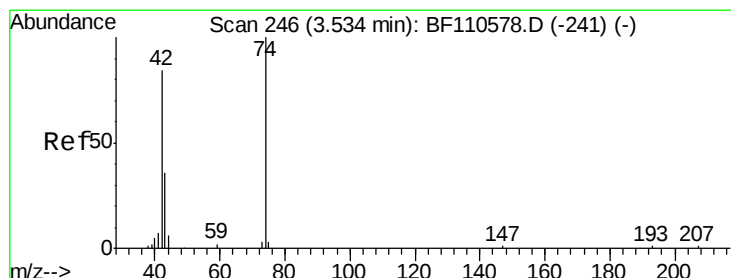
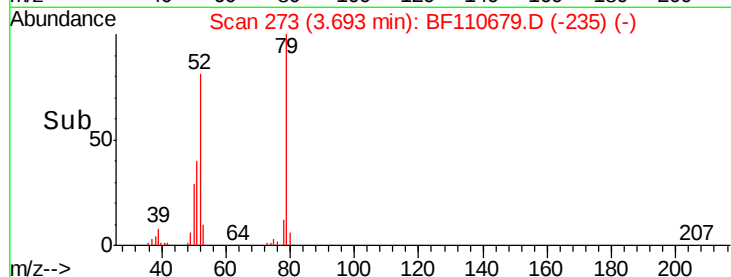
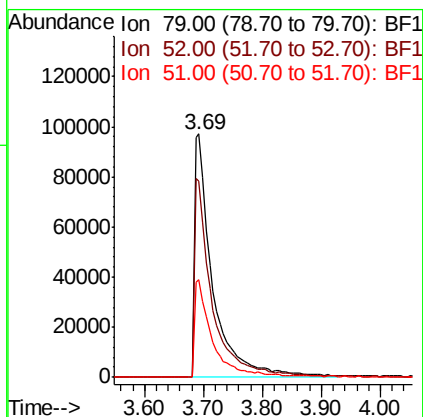
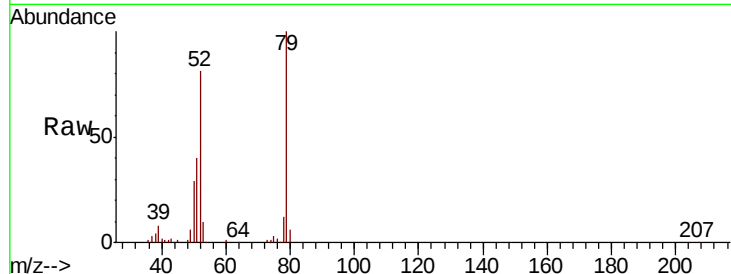




#3
 Pyridine
 Concen: 35.655 ng
 RT: 3.69 min Scan# 273
 Delta R.T. 0.12 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

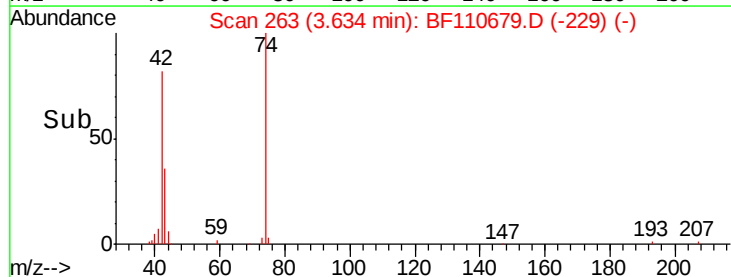
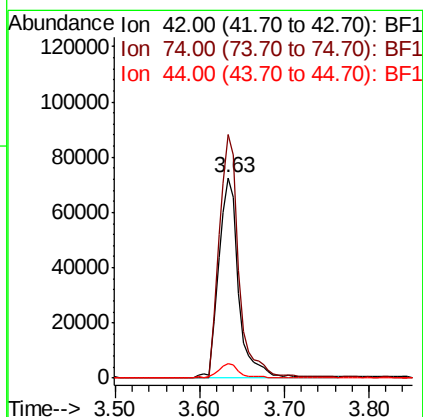
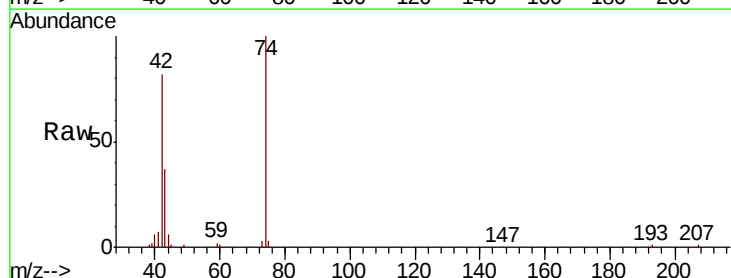
Instrument :
 MSVOA_V
 ClientSampleId :

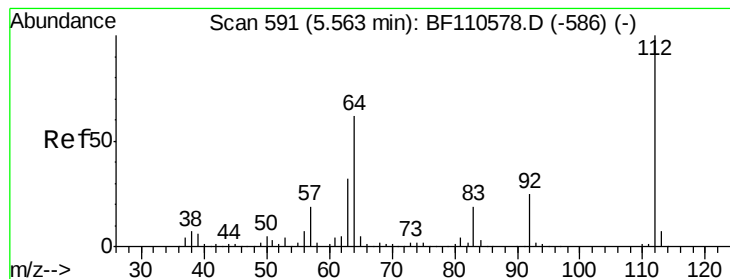
Tgt Ion: 79 Resp: 209163
 Ion Ratio Lower Upper
 79 100
 52 80.7 53.1 79.7#
 51 40.3 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 48.202 ng
 RT: 3.63 min Scan# 263
 Delta R.T. 0.10 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion: 42 Resp: 121329
 Ion Ratio Lower Upper
 42 100
 74 121.6 105.5 158.3
 44 6.9 4.9 7.3





#5

2-Fluorophenol

Concen: 98.907 ng

RT: 5.58 min Scan# 594

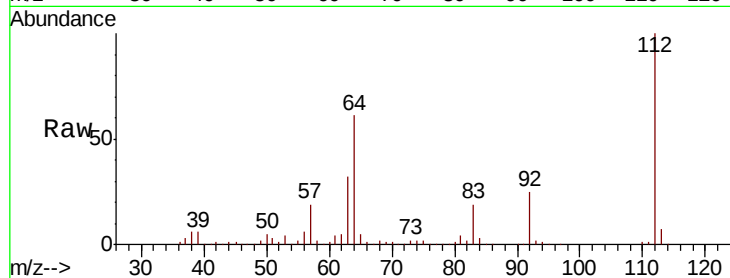
Delta R.T. 0.02 min

Lab File: BF110679.D

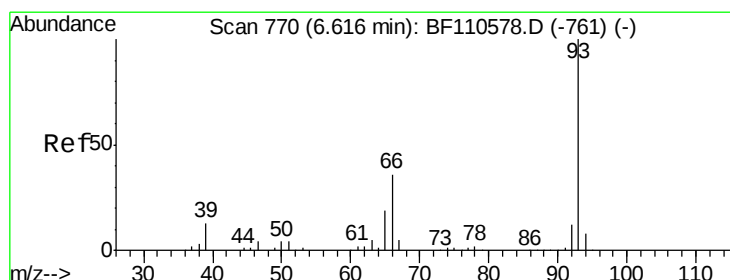
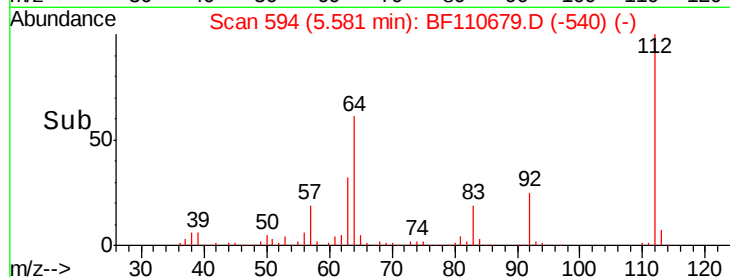
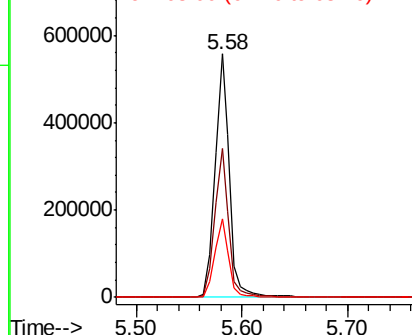
Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	112	Resp:	539490
Ion	Ratio	Lower	Upper
112	100		
64	61.0	44.1	66.1
63	32.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.776 ng

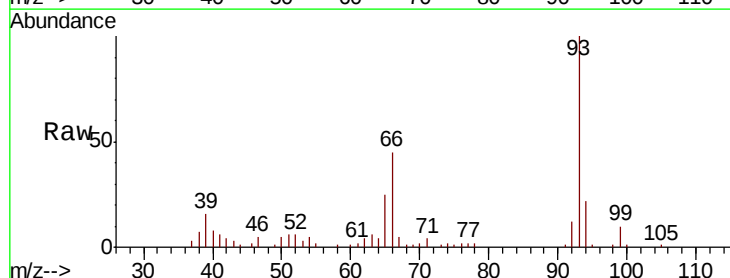
RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

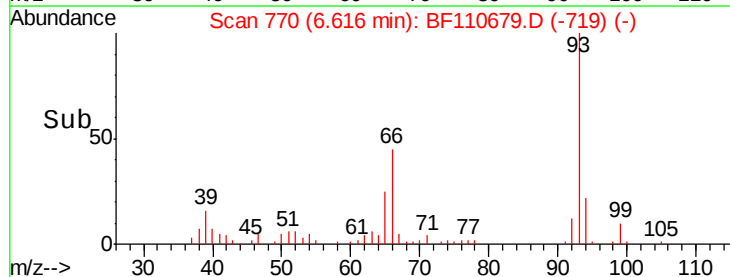
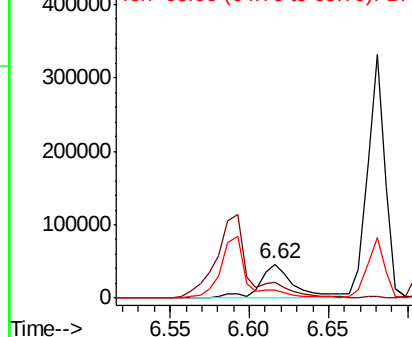
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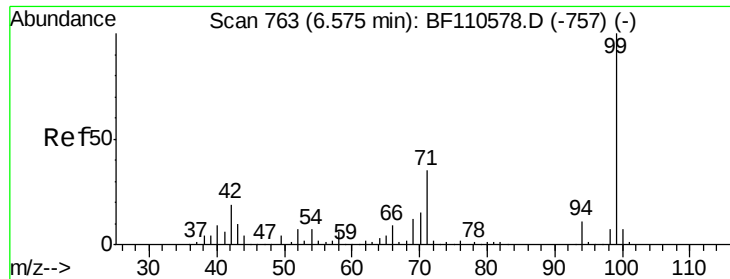
Acq: 12 Nov 2018 17:27

Tgt Ion:	93	Resp:	70728
Ion	Ratio	Lower	Upper
93	100		
66	45.0	67.4	101.0#
65	24.8	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.042 ng

RT: 6.57 min Scan# 763

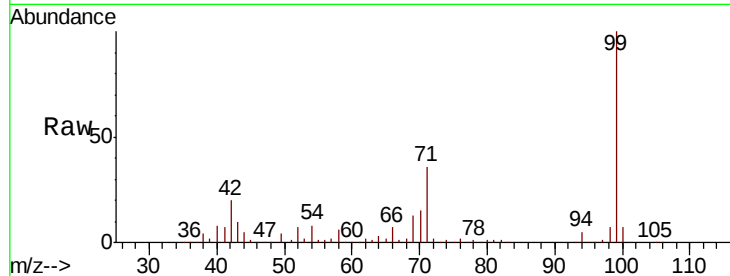
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Lab File: BF110679.D

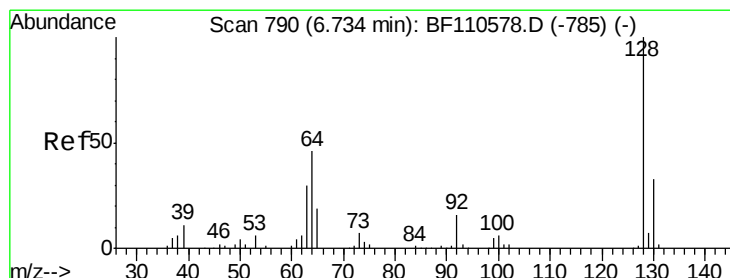
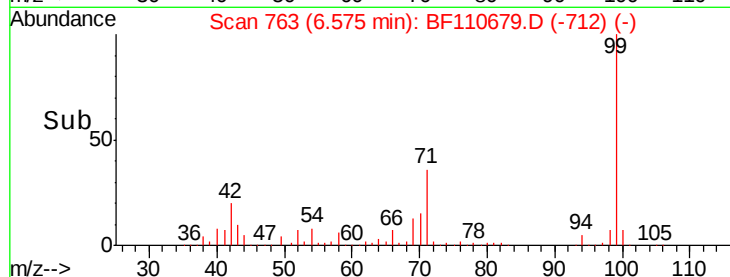
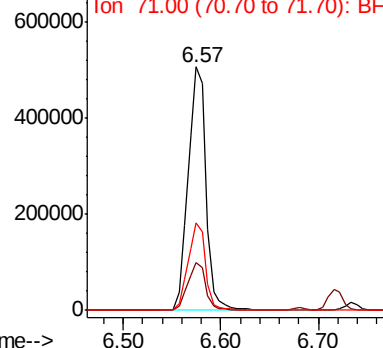
Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	99	Resp:	641997
Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	35.9	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.706 ng

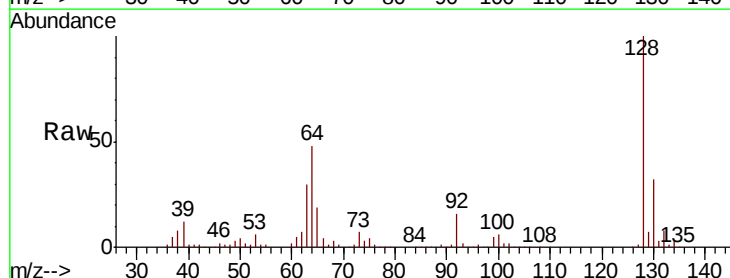
RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

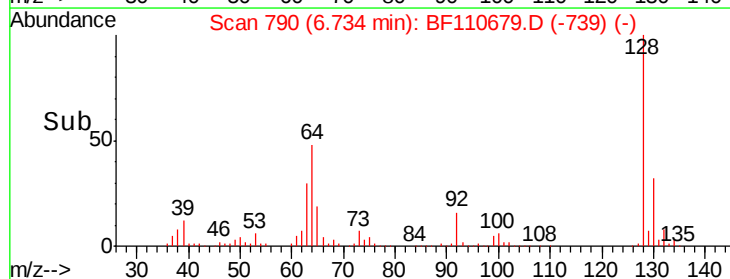
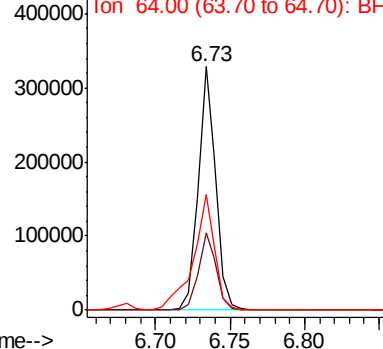
Lab File: BF110679.D

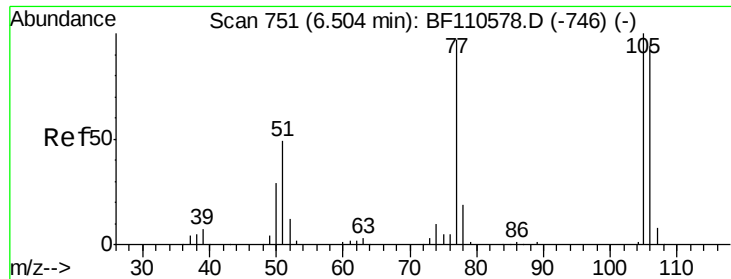
Acq: 12 Nov 2018 17:27

Tgt Ion:	128	Resp:	273072
Ion	Ratio	Lower	Upper
128	100		
130	31.8	13.1	53.1
64	47.7	26.0	66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 49.121 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampled :

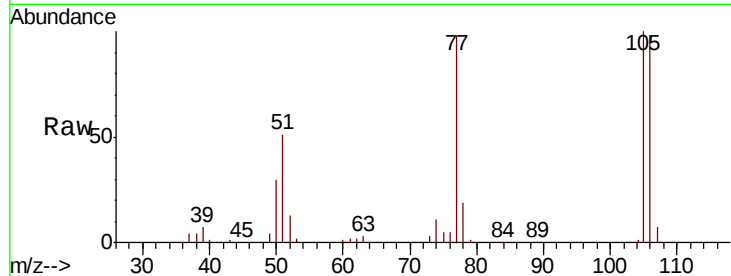
Tgt Ion: 77 Resp: 173318

Ion Ratio Lower Upper

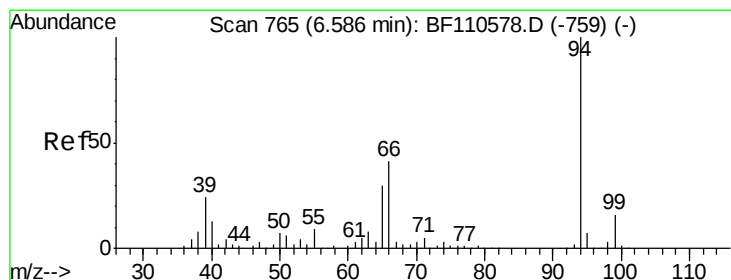
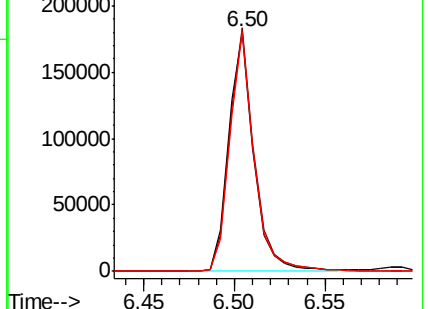
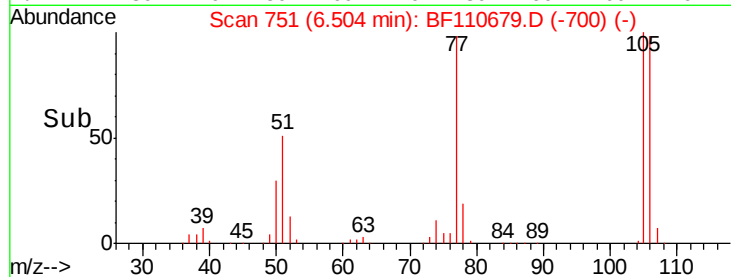
77 100

105 102.0 78.6 118.6

106 100.4 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 34.835 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

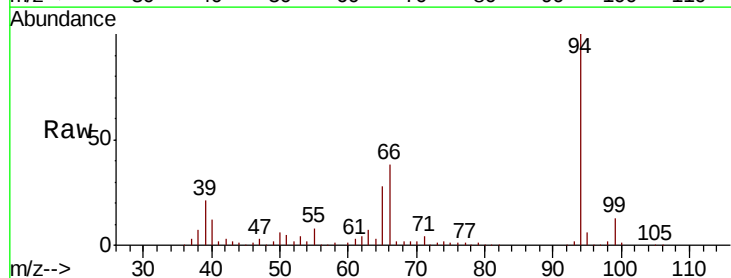
Tgt Ion: 94 Resp: 281737

Ion Ratio Lower Upper

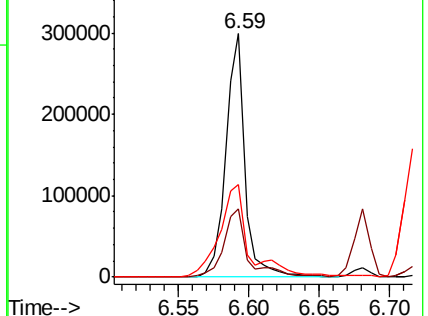
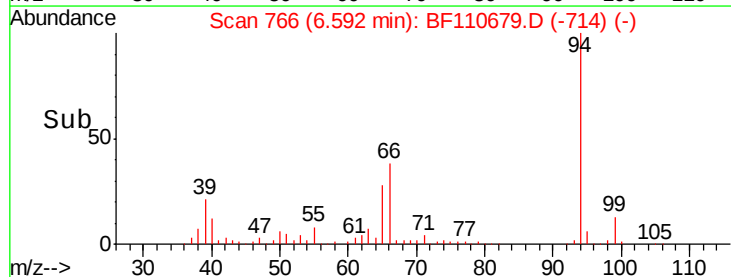
94 100

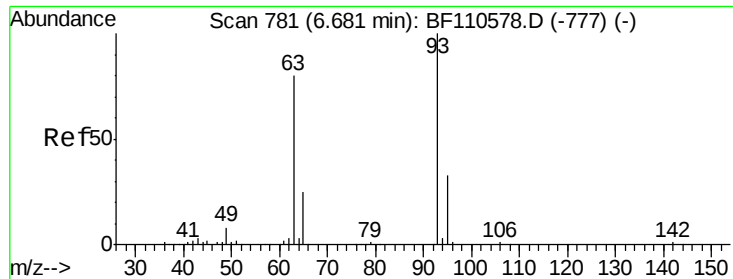
65 28.0 25.3 65.3

66 38.0 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.022 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

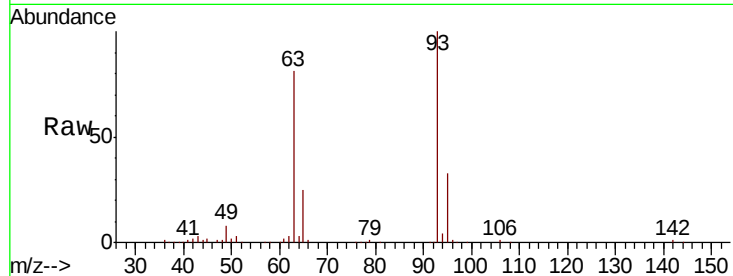
Tgt Ion: 93 Resp: 254704

Ion Ratio Lower Upper

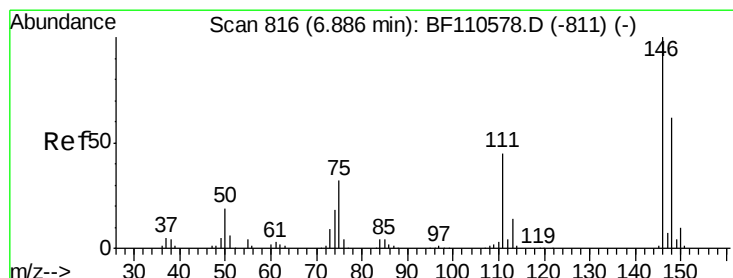
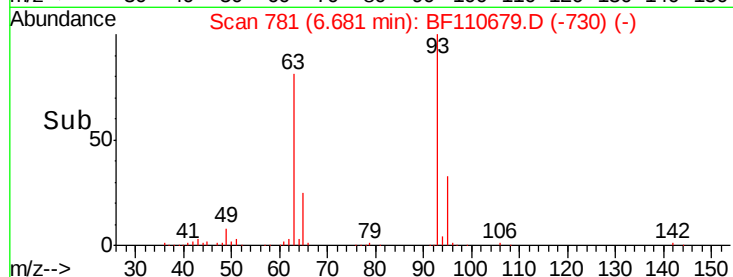
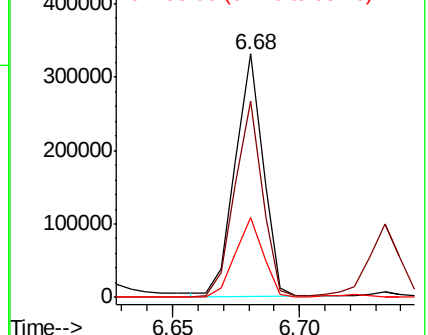
93 100

63 80.8 53.4 93.4

95 32.6 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.965 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

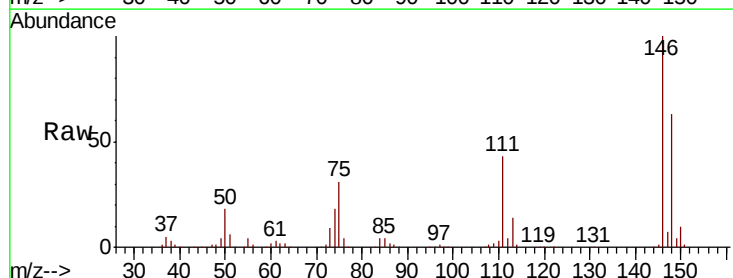
Tgt Ion: 146 Resp: 272615

Ion Ratio Lower Upper

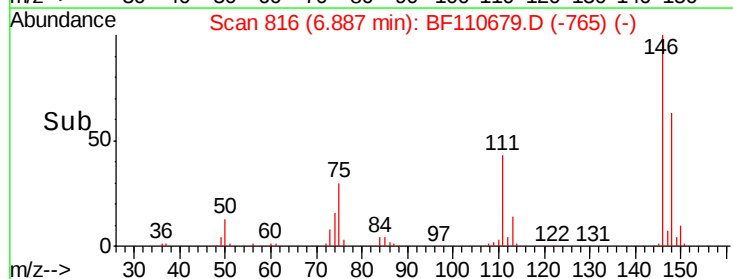
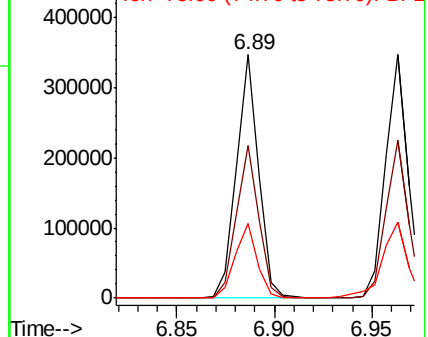
146 100

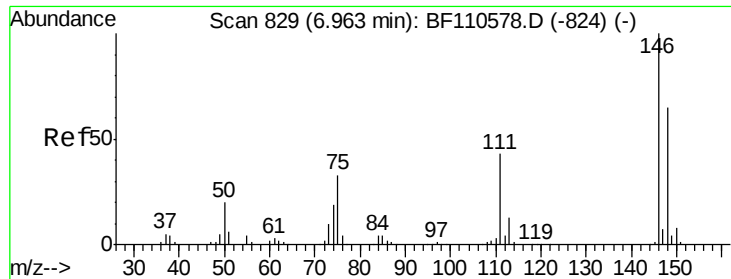
148 63.0 50.4 75.6

75 30.6 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

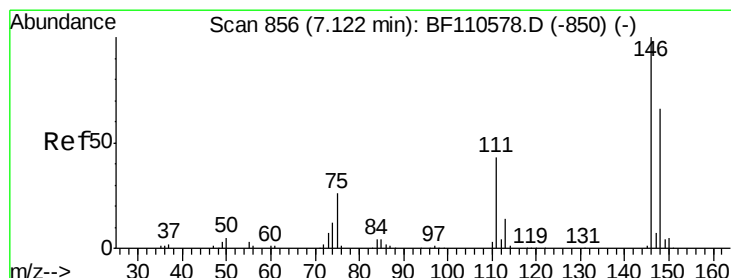
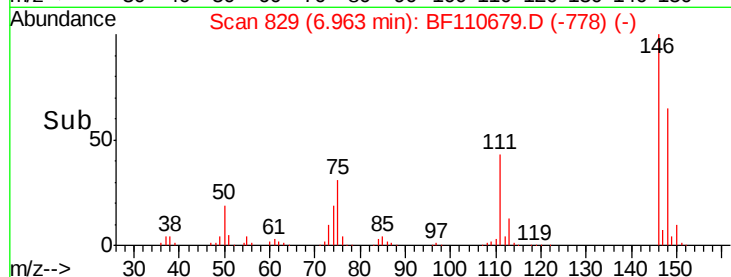
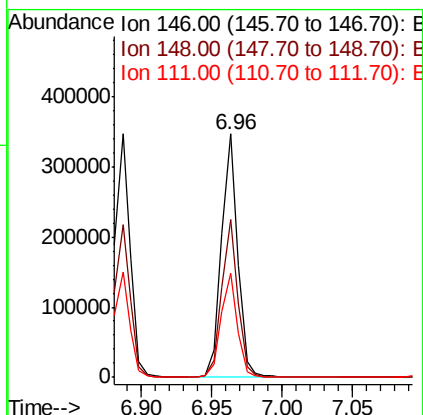
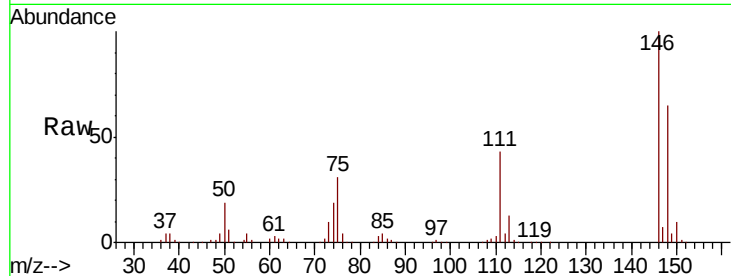




#13
 1,4-Dichlorobenzene
 Concen: 39.168 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

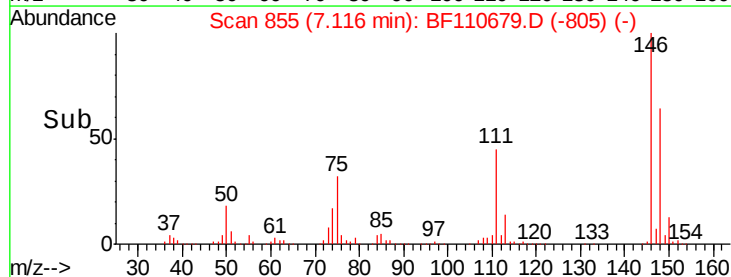
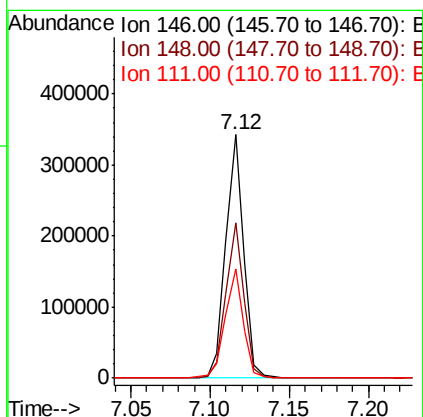
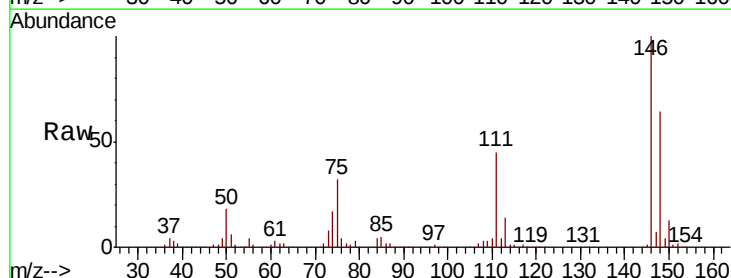
Instrument :
 MSVOA_V
 ClientSampled :

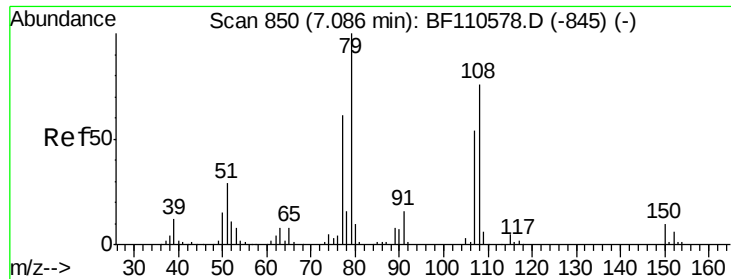
Tgt Ion:146 Resp: 278271
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.3 75.5
 111 42.6 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.468 ng
 RT: 7.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion:146 Resp: 267459
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 44.8 35.8 53.6

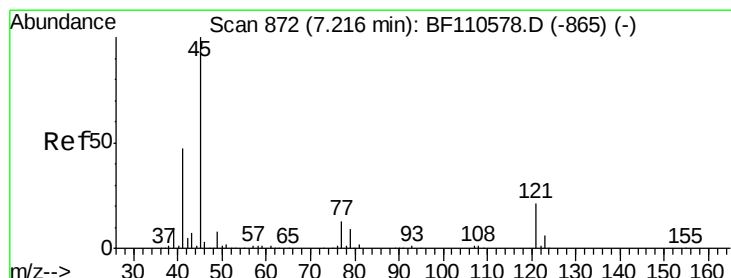
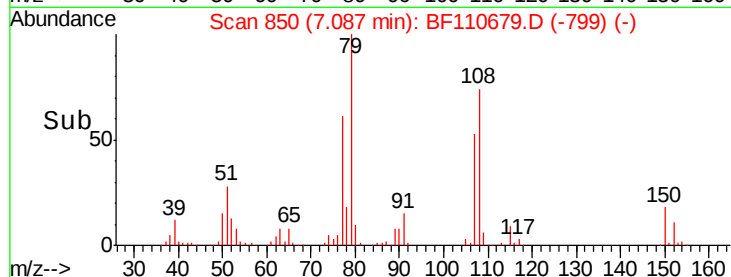
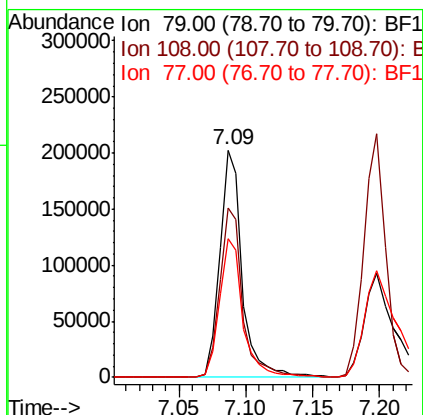
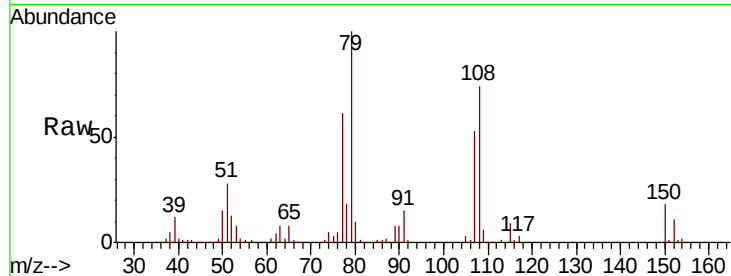




#15
Benzyl Alcohol
Concen: 44.058 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

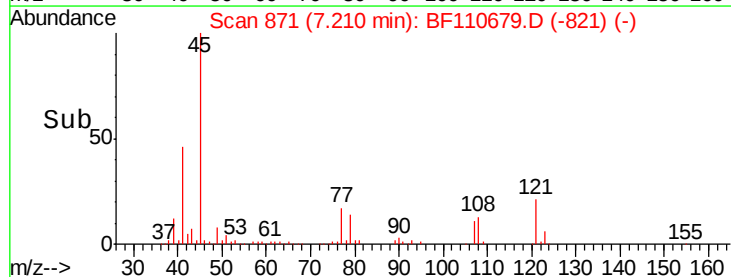
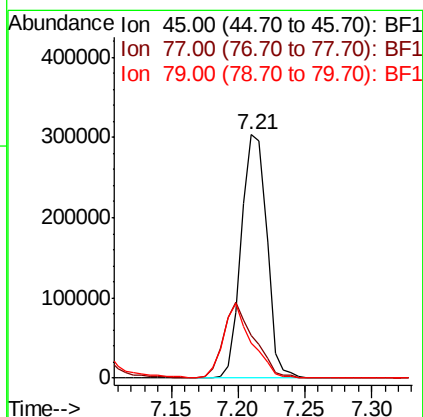
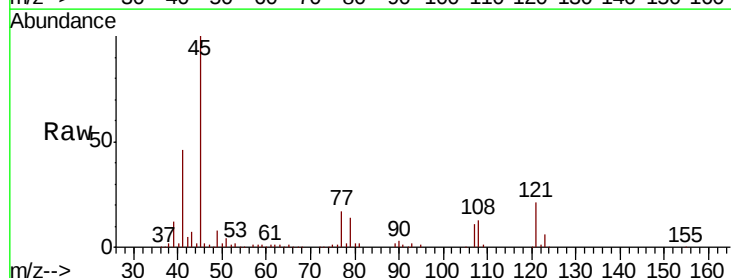
Instrument :
MSVOA_V
ClientSampled :

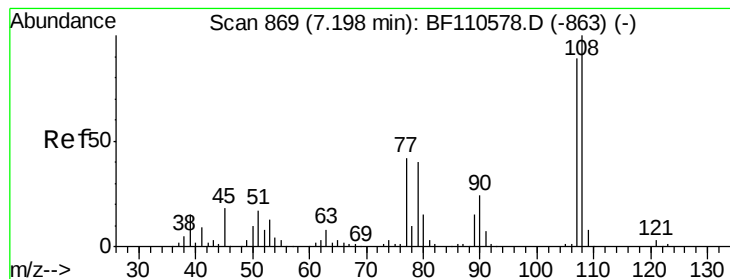
Tgt Ion	Ratio	Lower	Upper
79	100		
108	74.3	56.3	84.5
77	60.8	52.9	79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.907 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.4	10.0	50.0
79	14.5	6.1	46.1





#17

2-Methylphenol

Concen: 43.052 ng

RT: 7.20 min Scan# 869

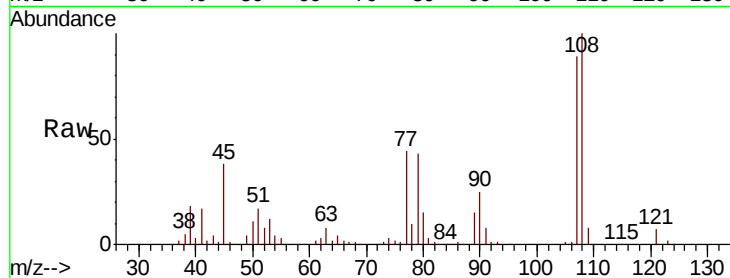
Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	107	Resp:	219090
Ion	Ratio	Lower	Upper
107	100		
108	112.5	92.6	138.8
77	49.4	59.4	89.2#
79	48.1	54.0	81.0#



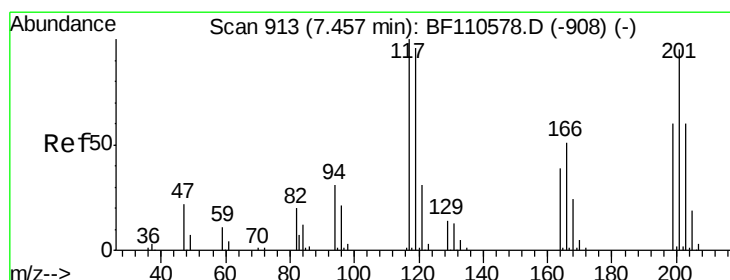
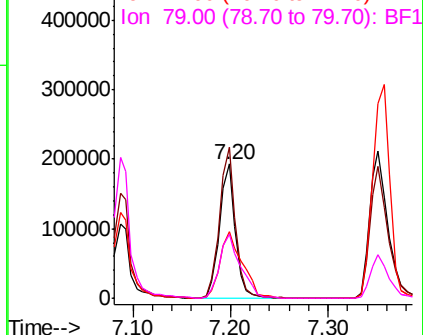
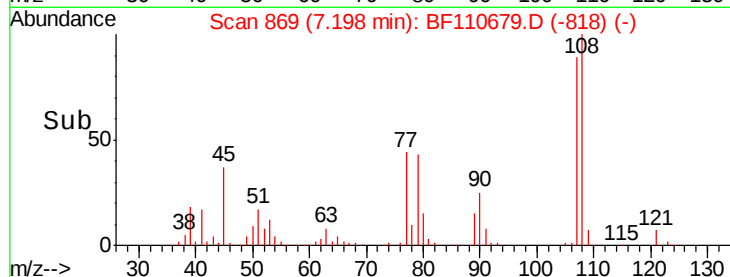
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.559 ng

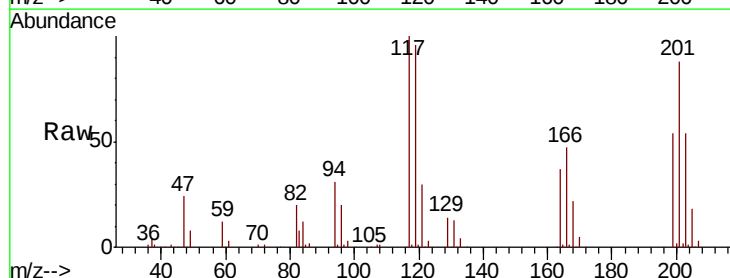
RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Tgt Ion:	117	Resp:	103756
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.6
201	87.8	79.2	118.8

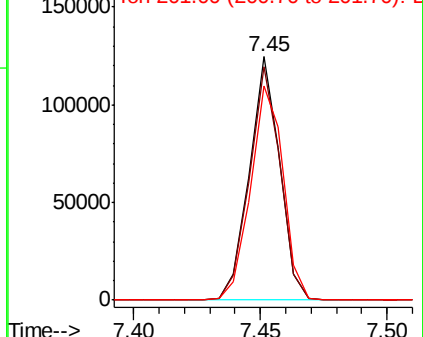
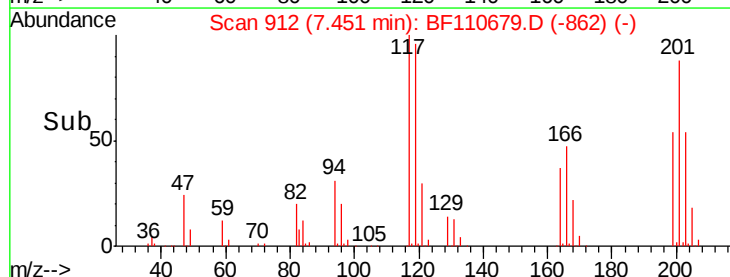


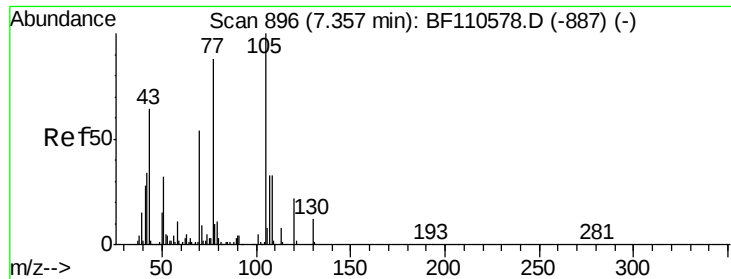
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

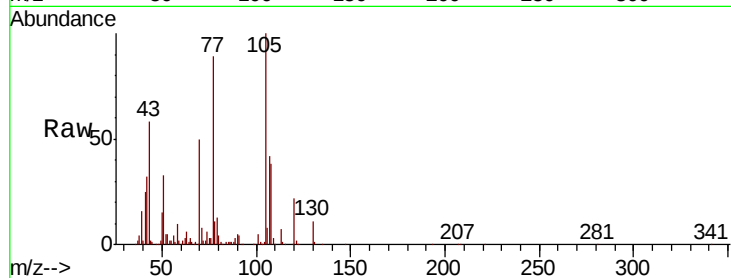




#19
n-Nitroso-di-n-propylamine
Concen: 43.539 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	70	Resp:	193853
Ion	Ratio	Lower	Upper
70	100		
42	63.6	47.4	71.2
101	10.0	7.3	10.9
130	22.4	16.2	24.2



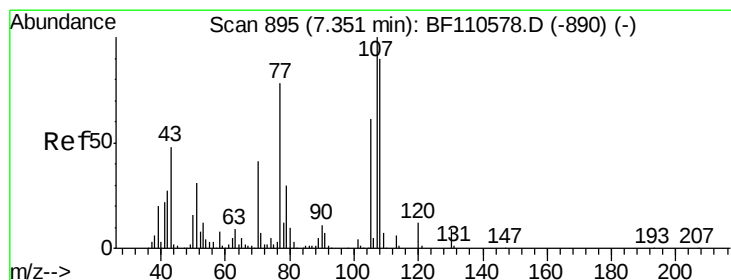
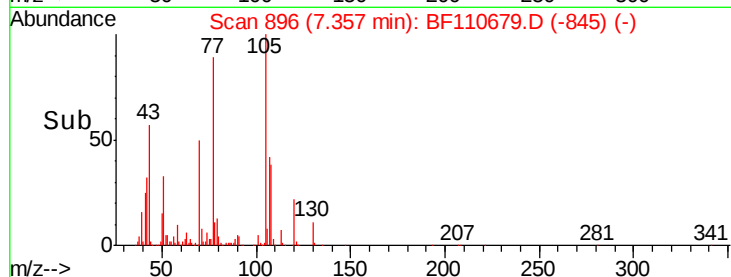
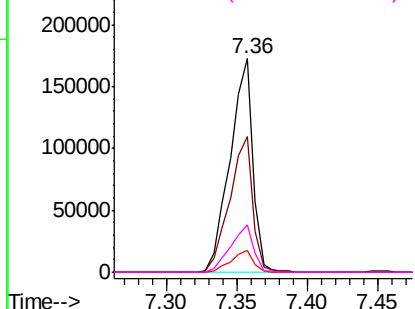
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

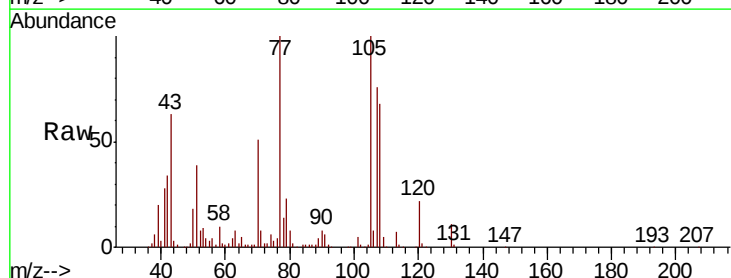
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 42.461 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion:	107	Resp:	277381
Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.4	111.4
77	131.7	47.3	87.3#
79	30.0	10.9	50.9



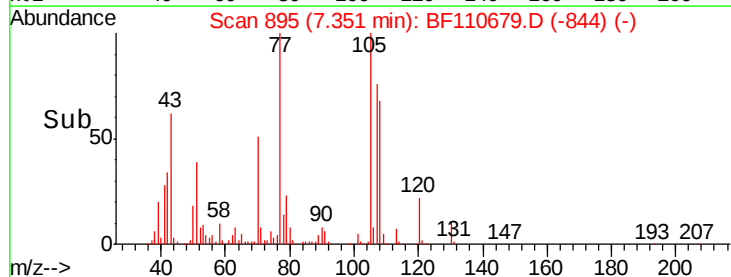
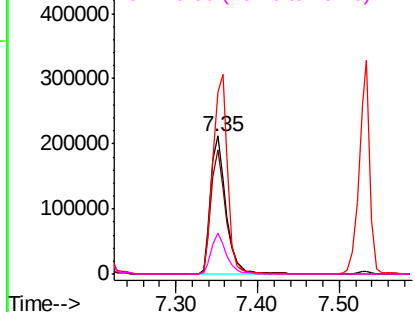
Abundance

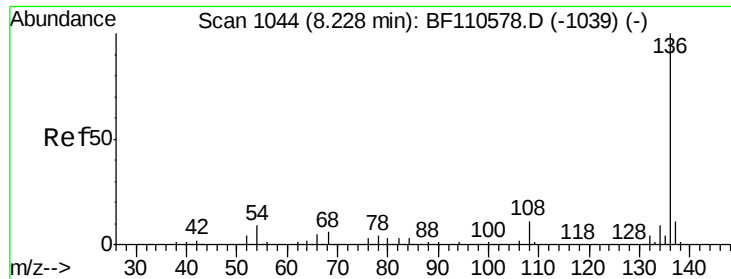
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

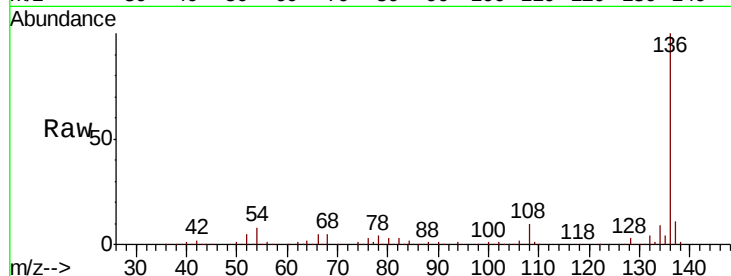




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	136	Resp:	370850
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.6	5.4	8.2
68	4.9	4.2	6.2



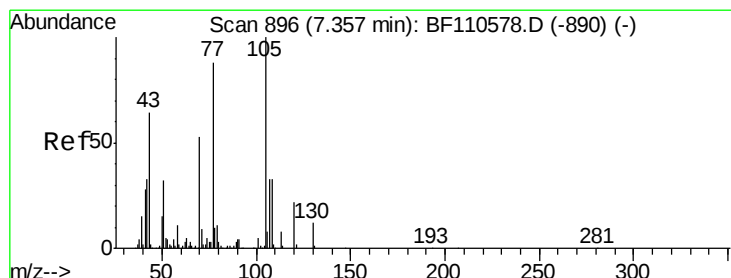
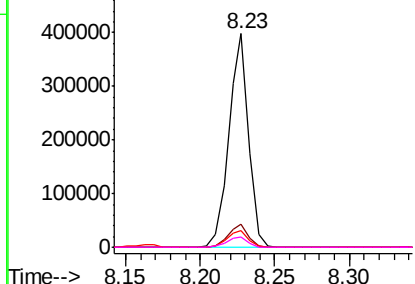
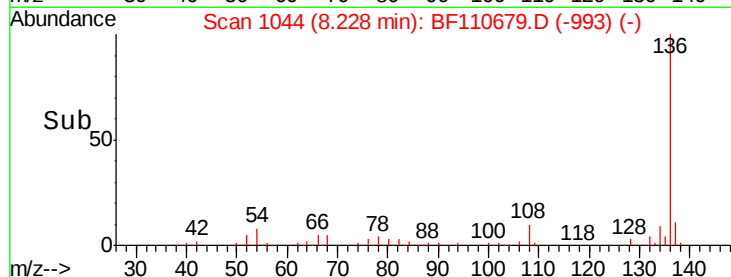
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

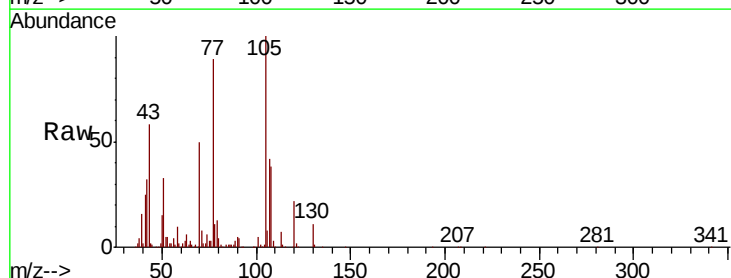
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.092 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion:	105	Resp:	389724
Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.2	7.8#
51	32.6	21.8	32.8
120	21.6	17.0	25.4



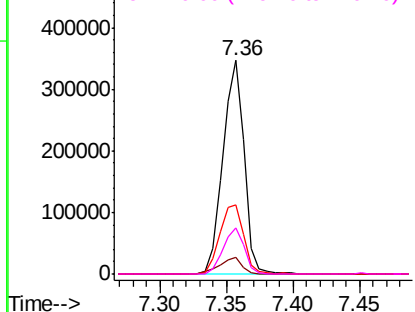
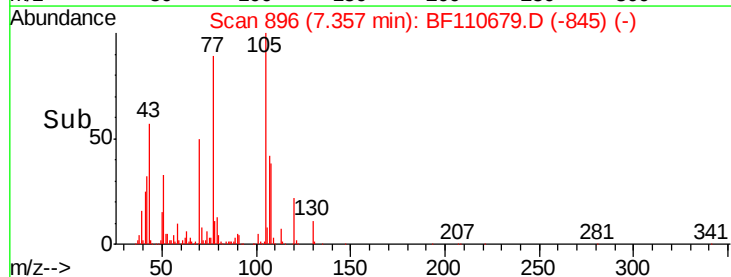
Abundance

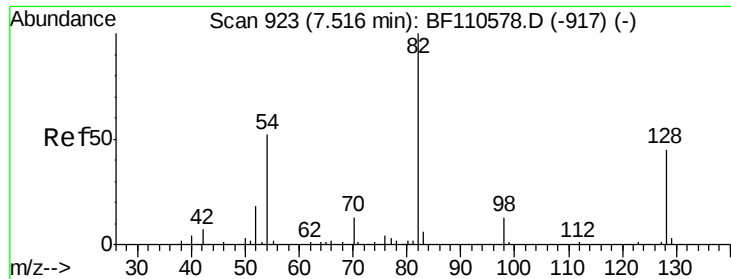
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

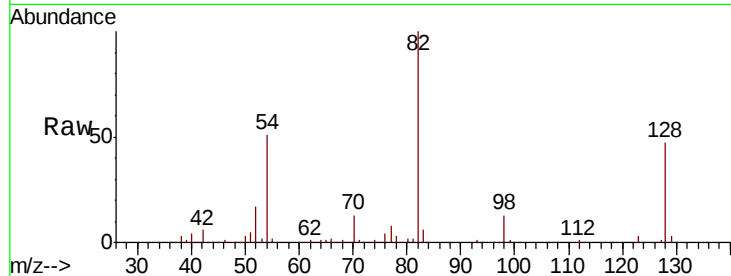




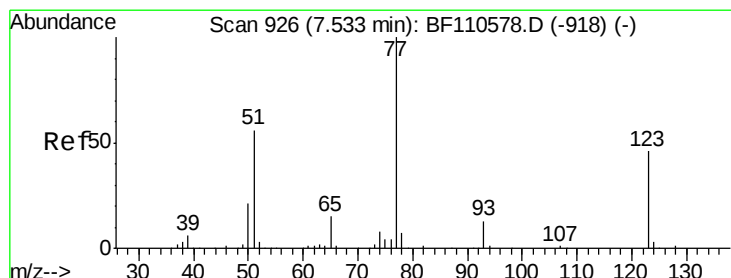
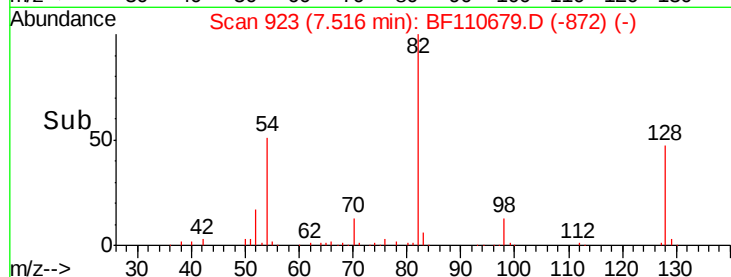
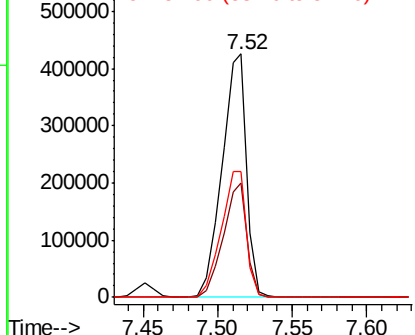
#23
Nitrobenzene-d5
Concen: 76.505 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.2	51.2
54	51.5	38.6	58.0

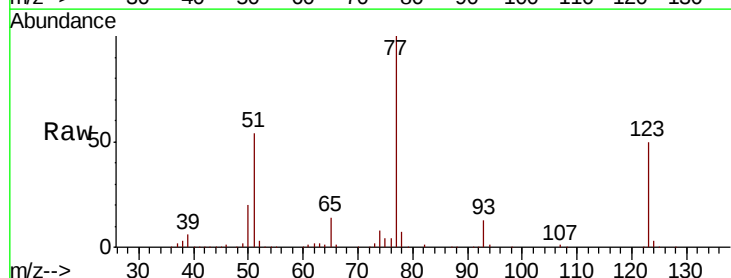


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

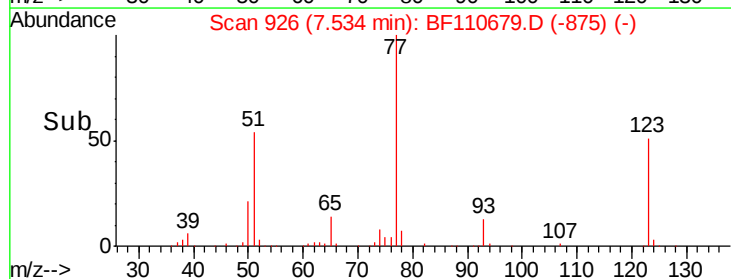
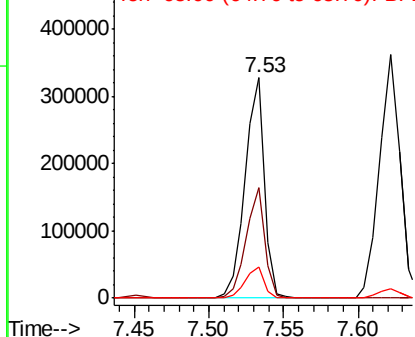


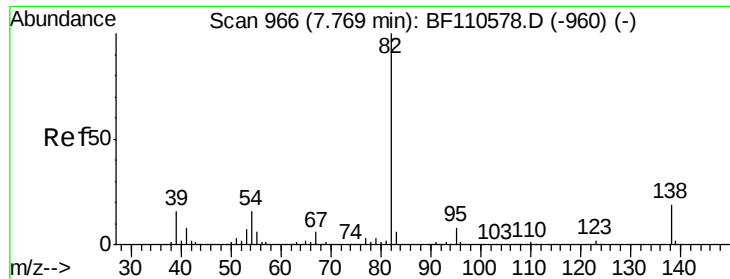
#24
Nitrobenzene
Concen: 44.931 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.7	53.5
65	14.2	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

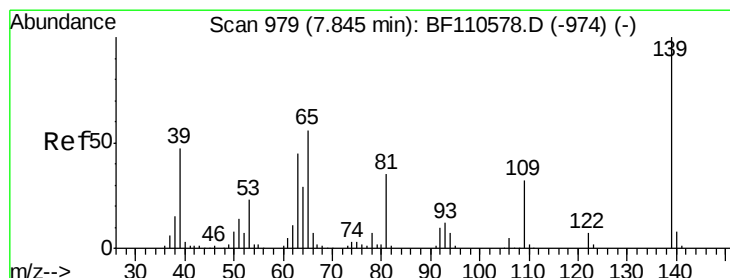
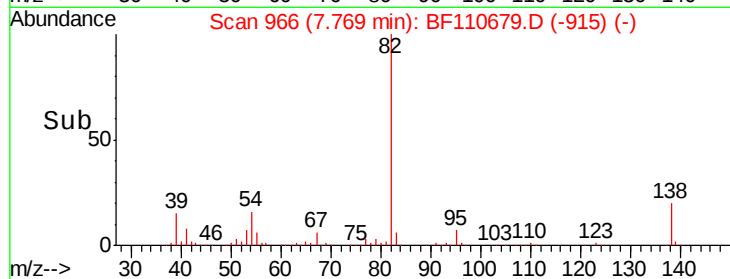
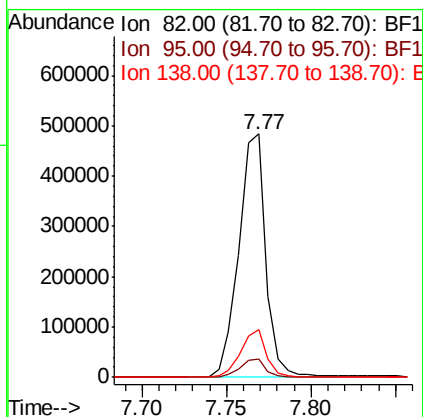
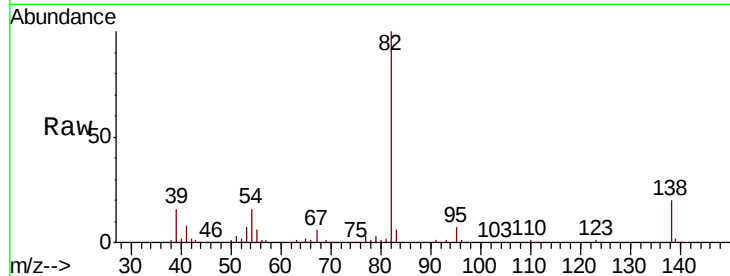




#25
Isophorone
Concen: 51.132 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

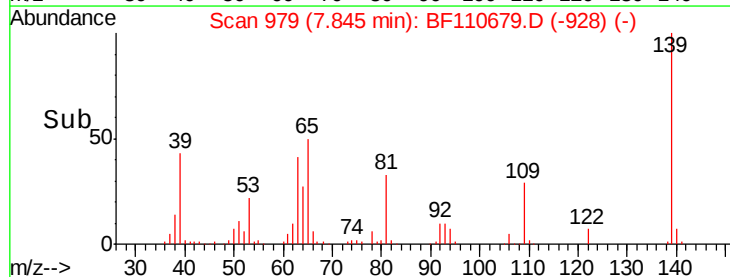
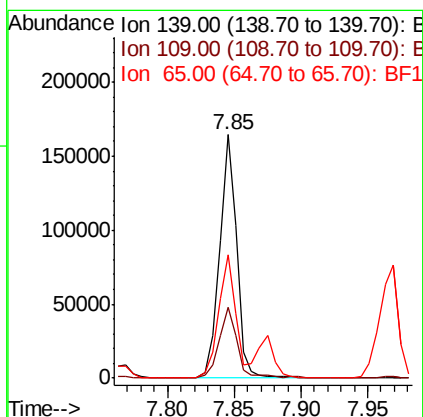
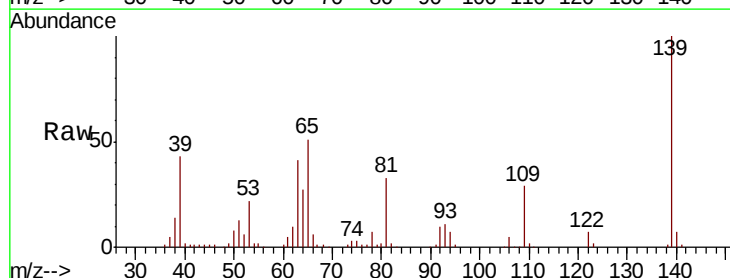
Instrument :
MSVOA_V
ClientSampleId :

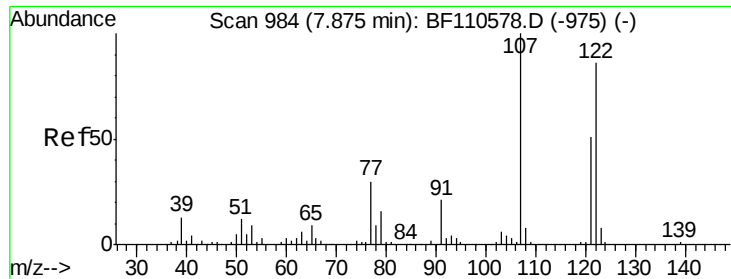
Tgt Ion: 82 Resp: 539665
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 19.5 13.2 19.8



#26
2-Nitrophenol
Concen: 45.365 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion: 139 Resp: 149315
Ion Ratio Lower Upper
139 100
109 29.3 25.0 37.6
65 50.7 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 50.456 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :

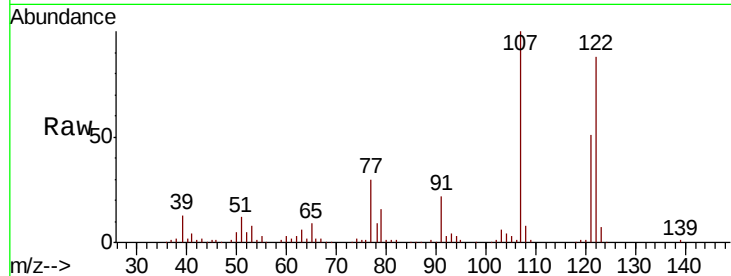
Tgt Ion:122 Resp: 252920

Ion Ratio Lower Upper

122 100

107 114.0 92.5 138.7

121 58.2 45.8 68.8

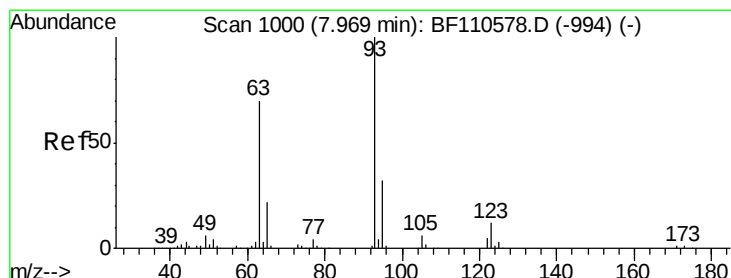
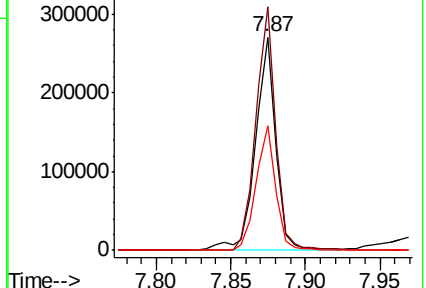
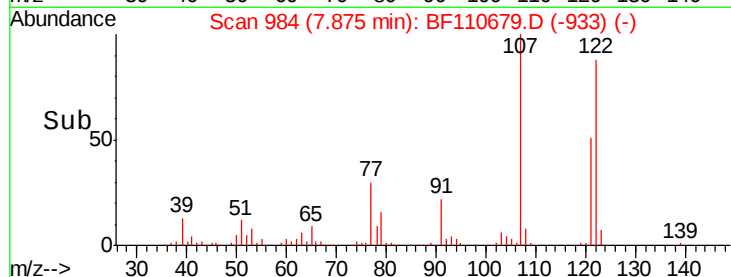


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.896 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

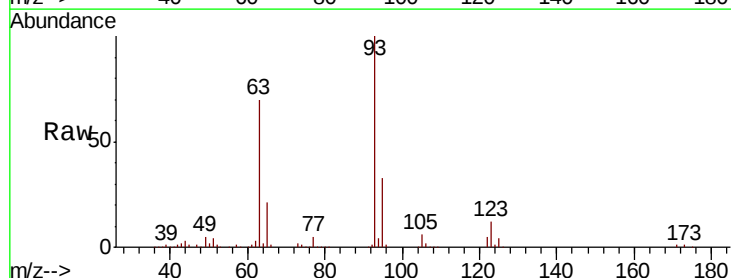
Tgt Ion: 93 Resp: 335126

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

123 11.9 9.0 13.6

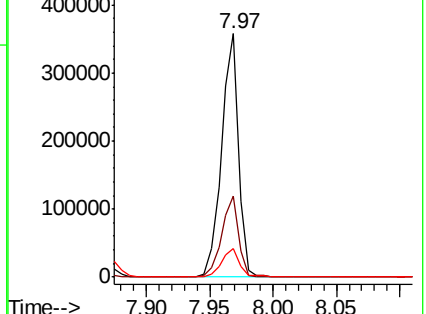
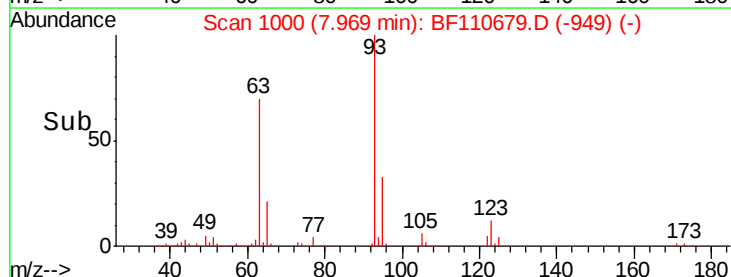


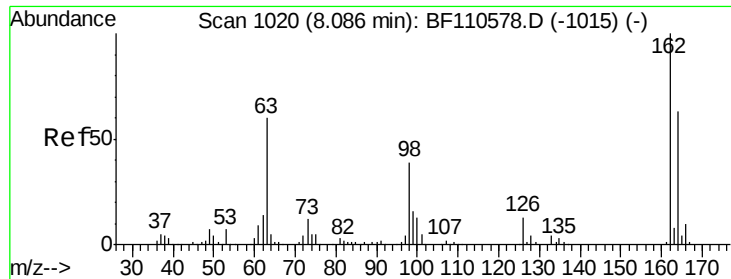
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

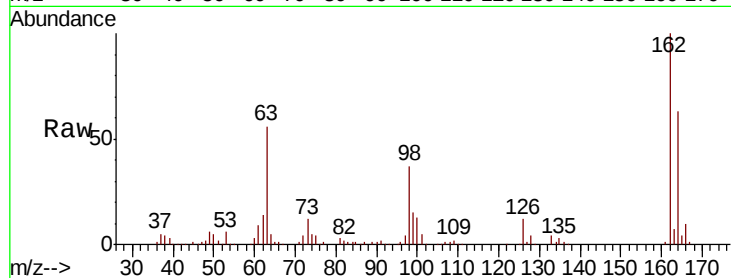




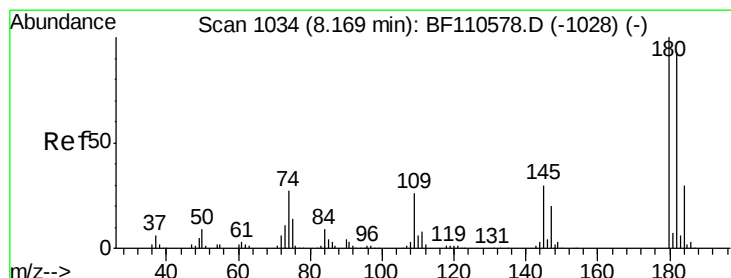
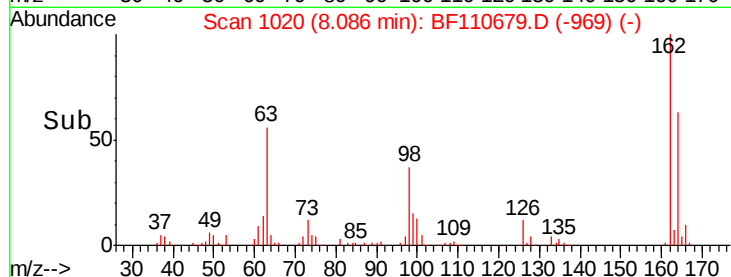
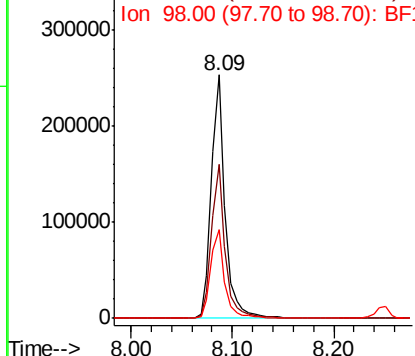
#29
 2,4-Dichlorophenol
 Concen: 46.613 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	36.7	17.4	57.4

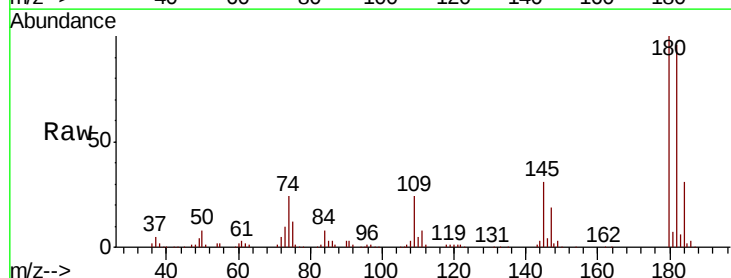


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

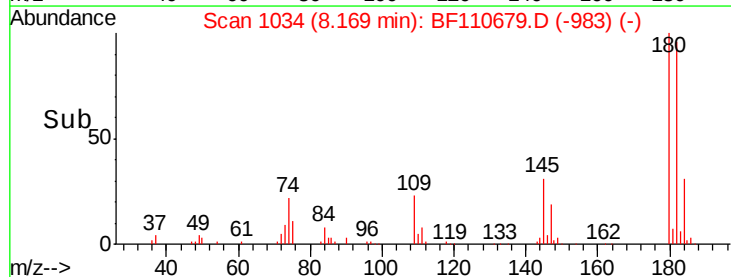
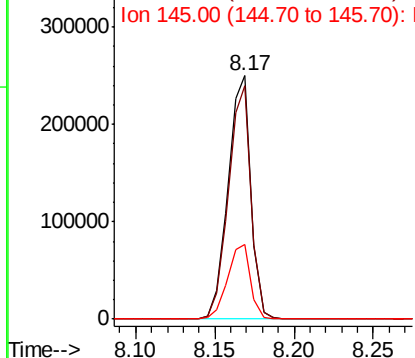


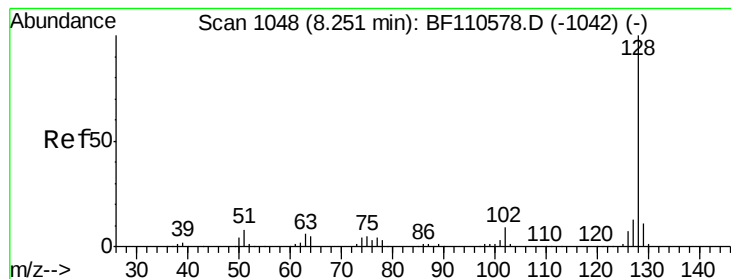
#30
 1,2,4-Trichlorobenzene
 Concen: 42.786 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	80.3	120.5
145	30.5	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.745 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampled :

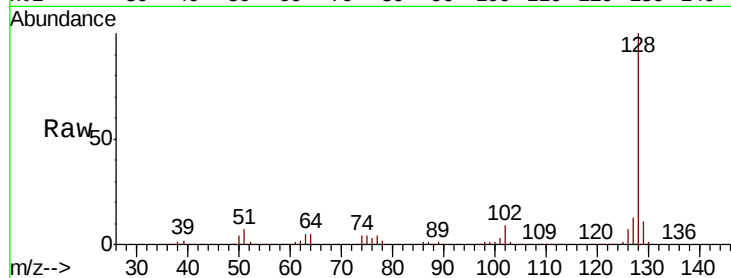
Tgt Ion:128 Resp: 813810

Ion Ratio Lower Upper

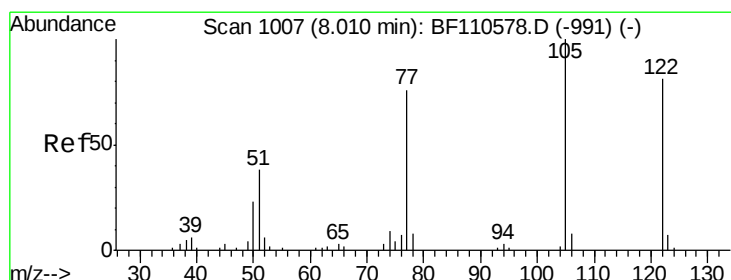
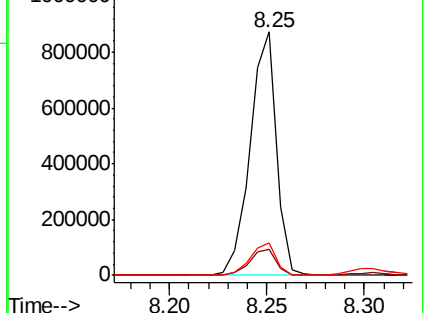
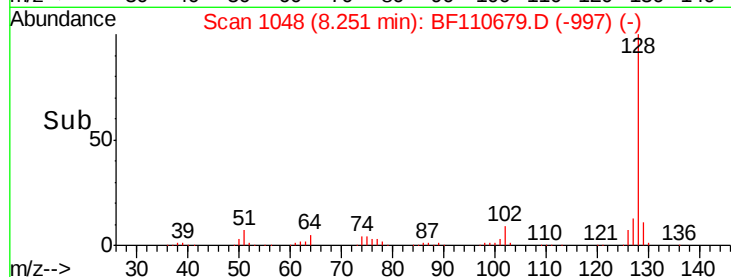
128 100

129 10.9 8.8 13.2

127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.861 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

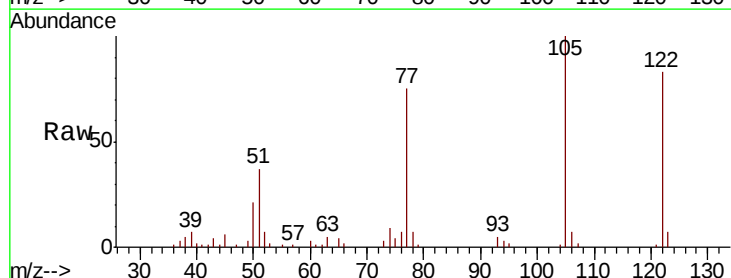
Tgt Ion:122 Resp: 66895

Ion Ratio Lower Upper

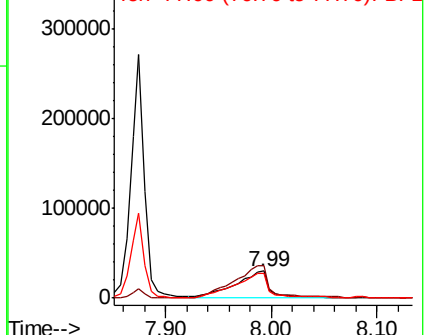
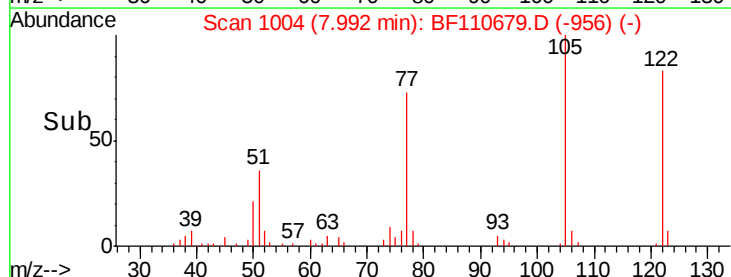
122 100

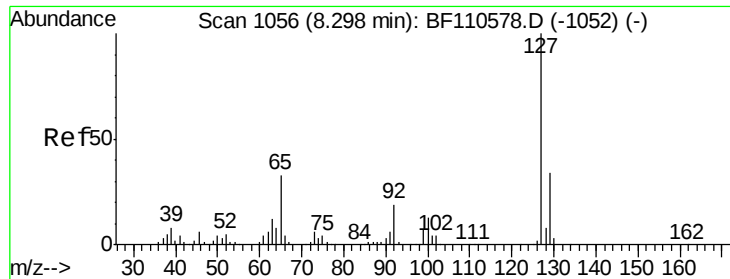
105 120.2 109.0 149.0

77 89.9 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

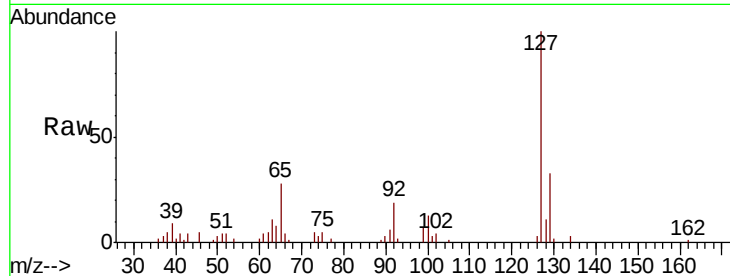




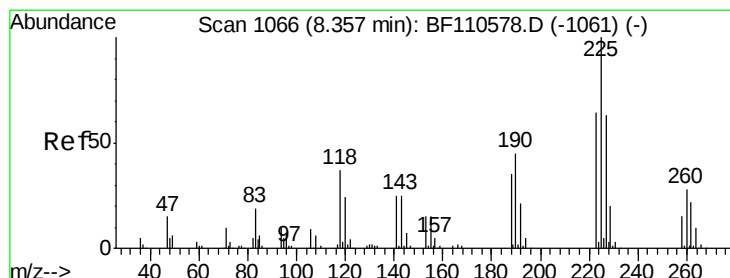
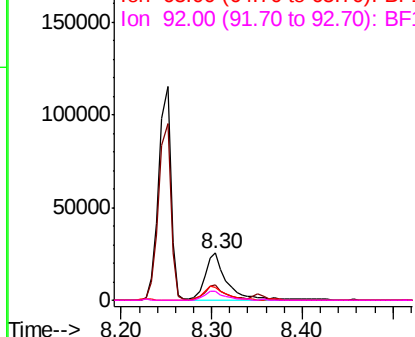
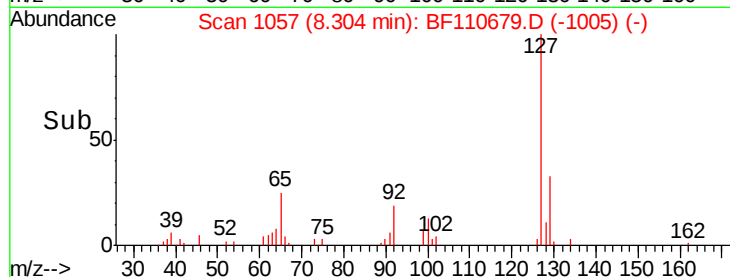
#33
4-Chloroaniline
Concen: 5.536 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	127	Resp:	43653
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.0	39.0
65	27.9	25.1	37.7
92	18.9	15.0	22.6

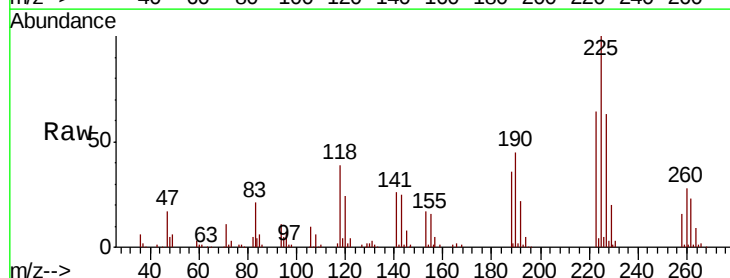


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

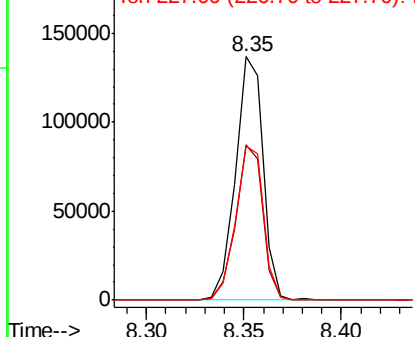
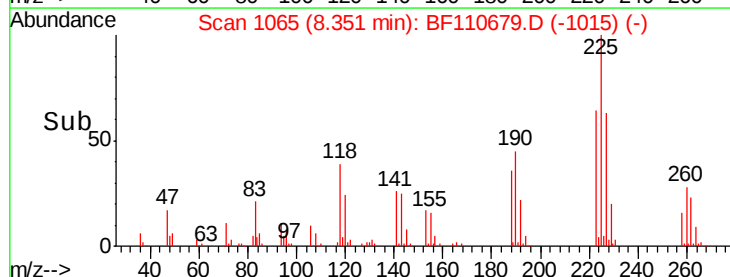


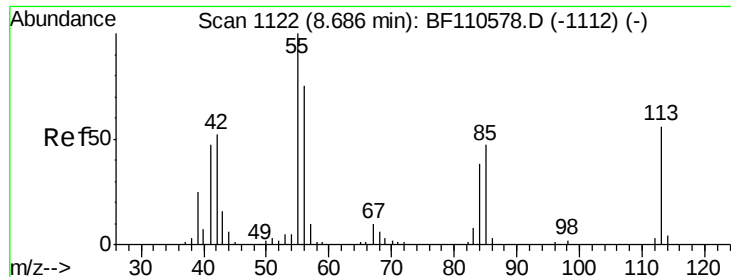
#34
Hexachlorobutadiene
Concen: 40.225 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion:	225	Resp:	133614
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.4	77.2
227	63.4	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

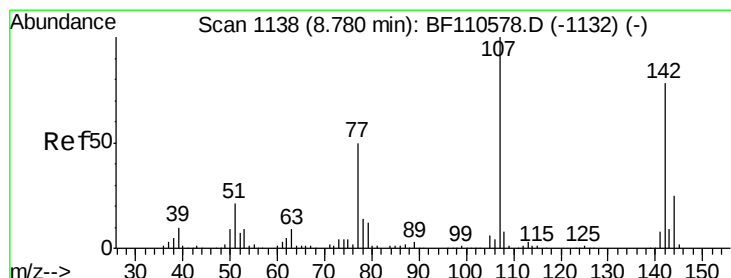
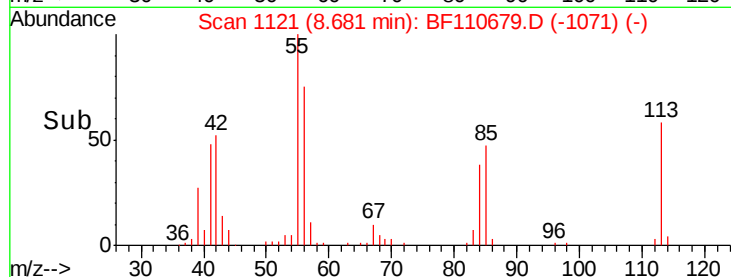
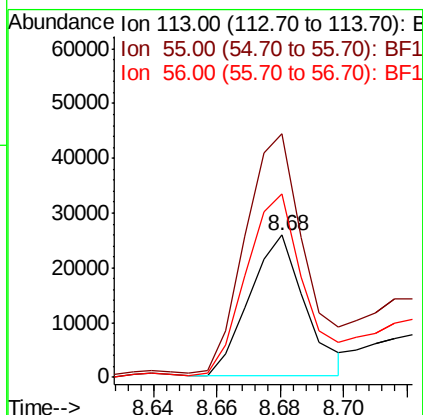
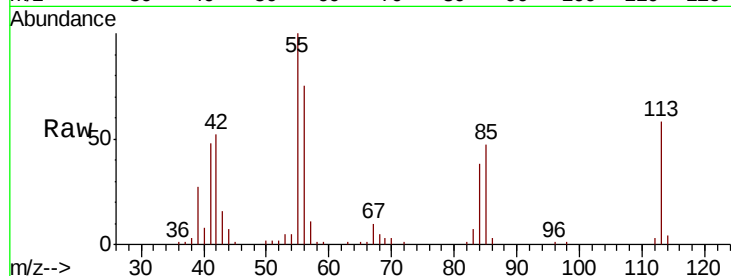




#35
 Caprolactam
 Concen: 18.173 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

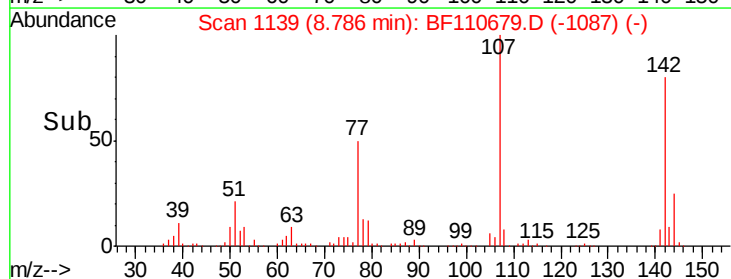
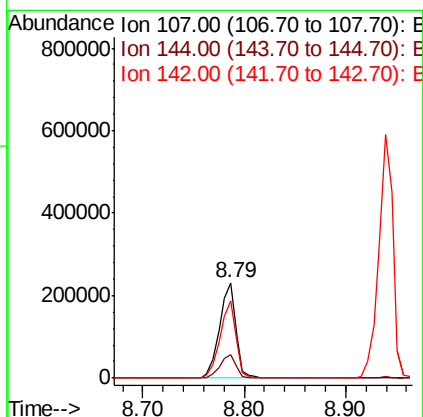
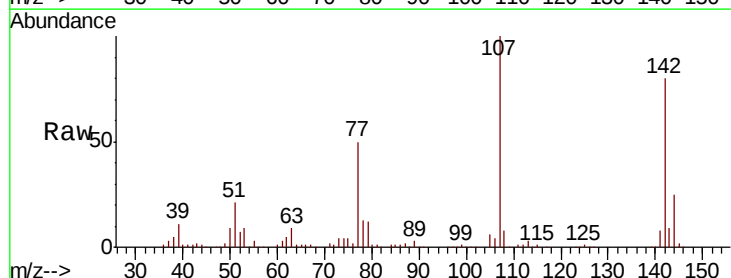
Instrument :
 MSVOA_V
 ClientSampleId :

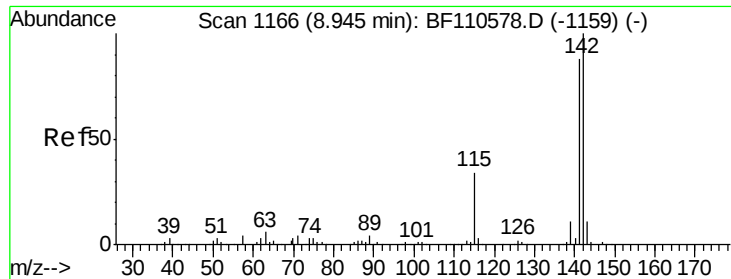
Tgt Ion:113 Resp: 31316
 Ion Ratio Lower Upper
 113 100
 55 170.9 142.8 182.8
 56 128.7 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.553 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion:107 Resp: 258962
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.0 30.0
 142 80.3 59.7 89.5

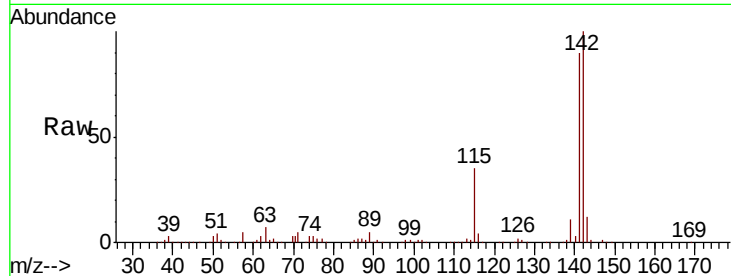




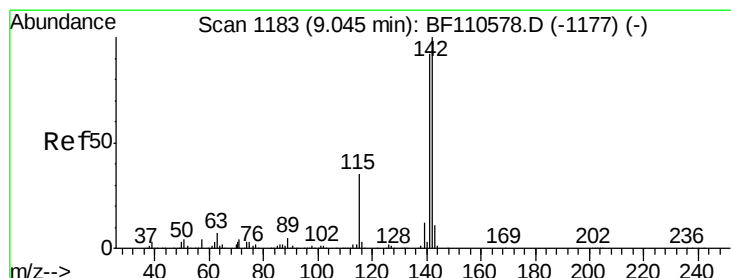
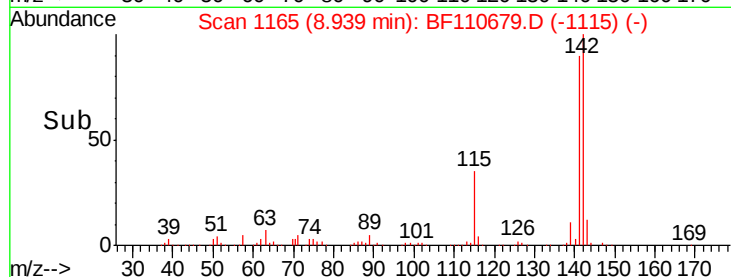
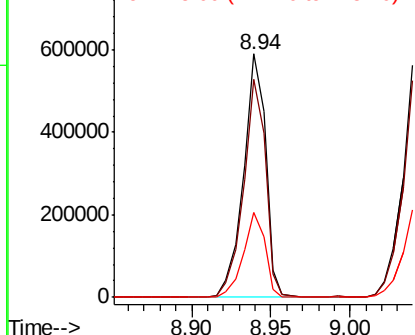
#37
 2-Methylnaphthalene
 Concen: 50.066 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	34.9	28.7	43.1

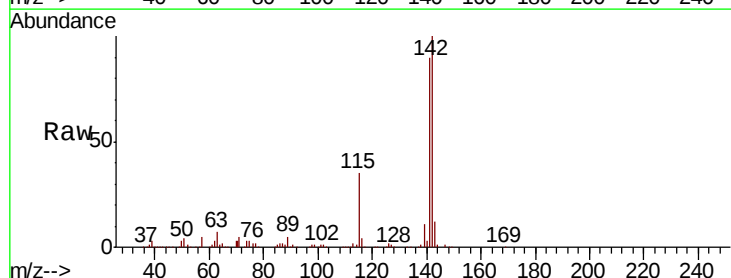


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

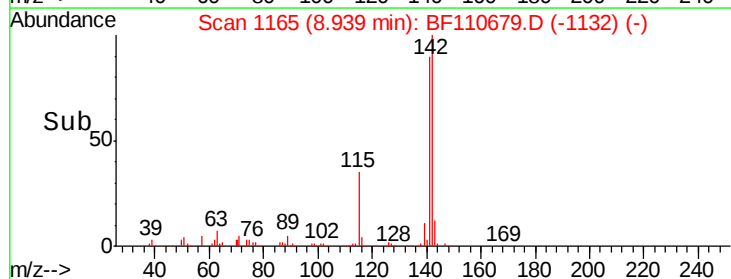
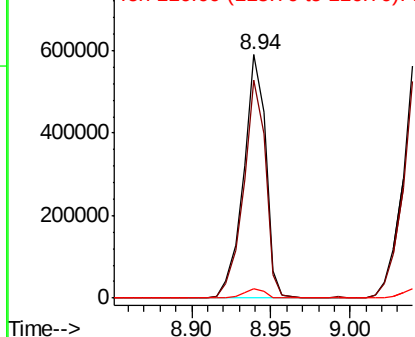


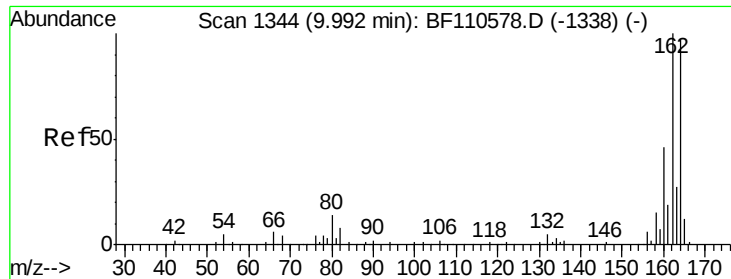
#38
 1-Methylnaphthalene
 Concen: 52.060 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.11 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	74.2	111.4
116	3.7	2.6	4.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampled :

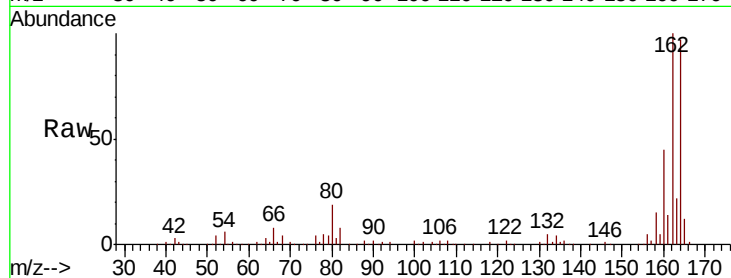
Tgt Ion:164 Resp: 180775

Ion Ratio Lower Upper

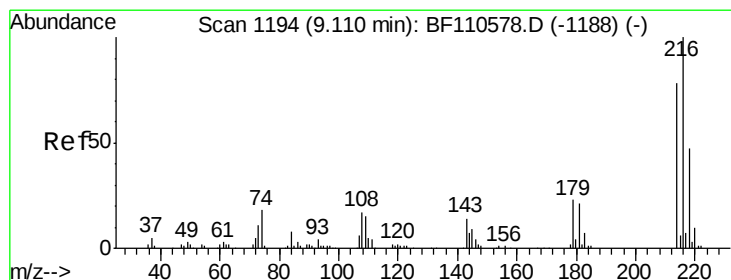
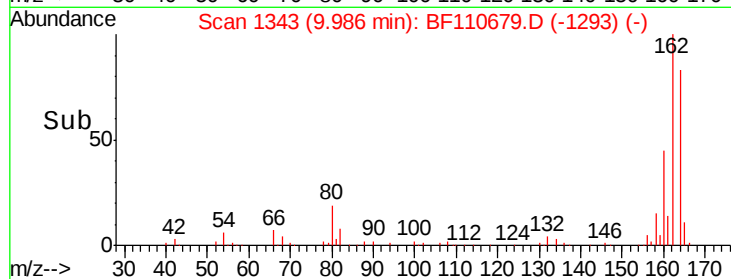
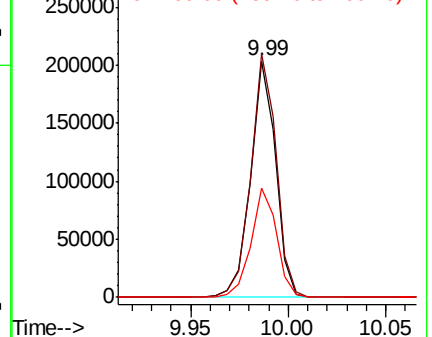
164 100

162 103.1 83.0 124.6

160 46.4 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.853 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Tgt Ion:216 Resp: 239495

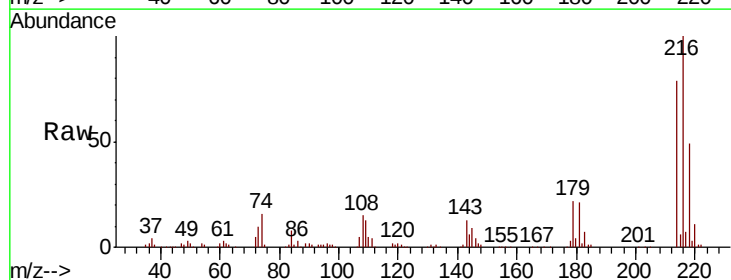
Ion Ratio Lower Upper

216 100

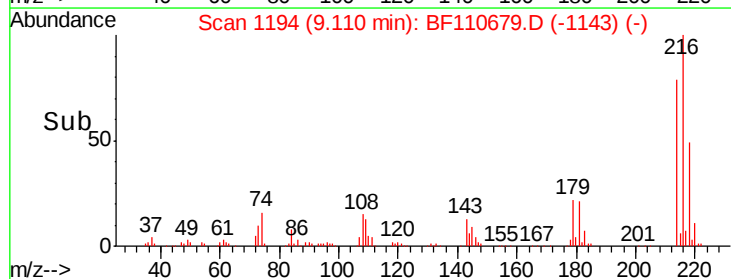
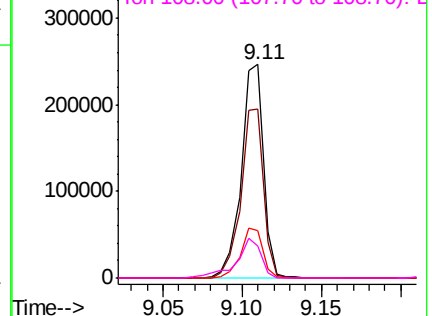
214 80.2 63.8 95.6

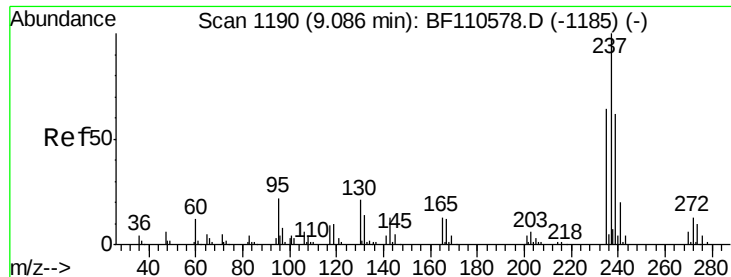
179 23.3 16.6 25.0

108 20.5 15.1 22.7



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.577 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

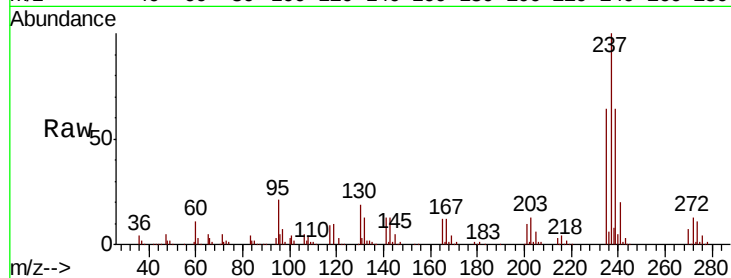
Tgt Ion:237 Resp: 172477

Ion Ratio Lower Upper

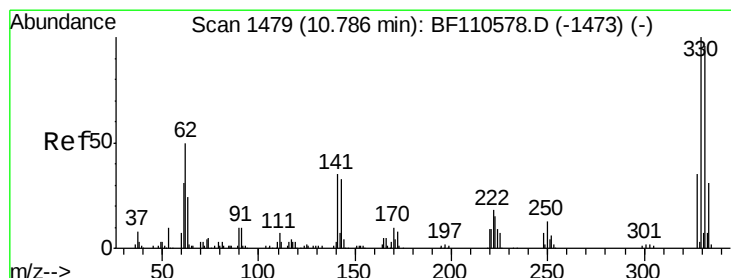
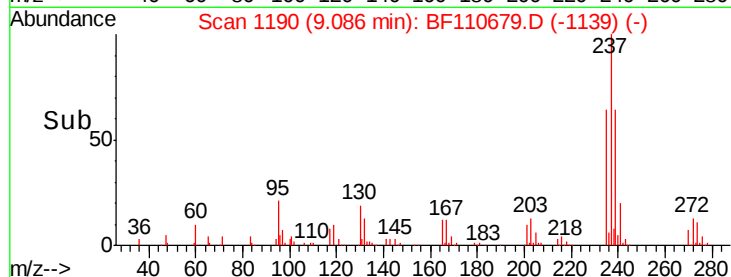
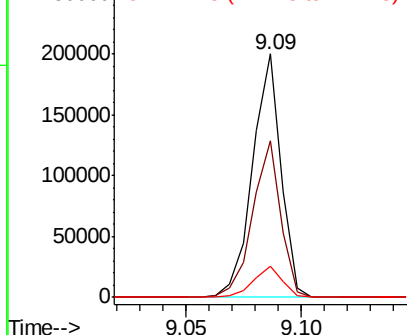
237 100

235 64.1 43.1 83.1

272 12.9 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.935 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

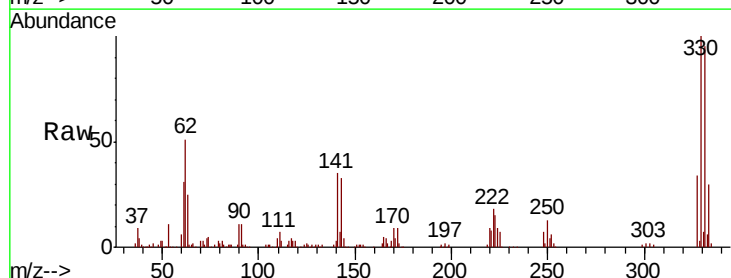
Tgt Ion:330 Resp: 198429

Ion Ratio Lower Upper

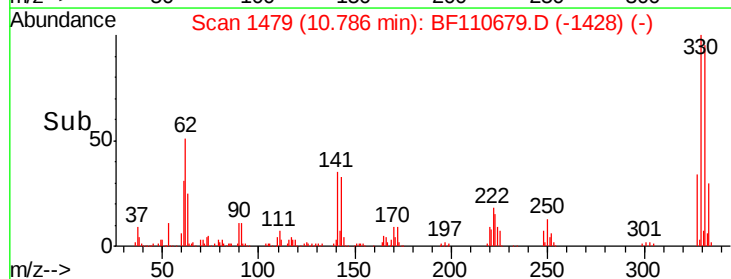
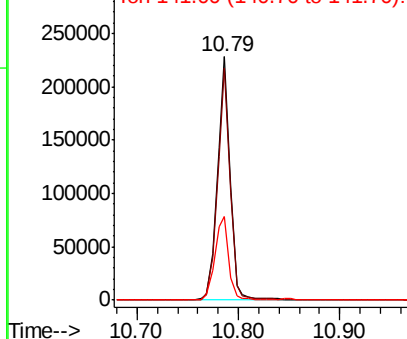
330 100

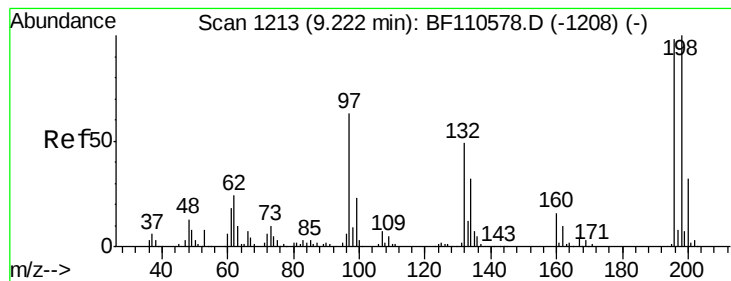
332 95.0 77.1 115.7

141 37.6 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 45.827 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampled :

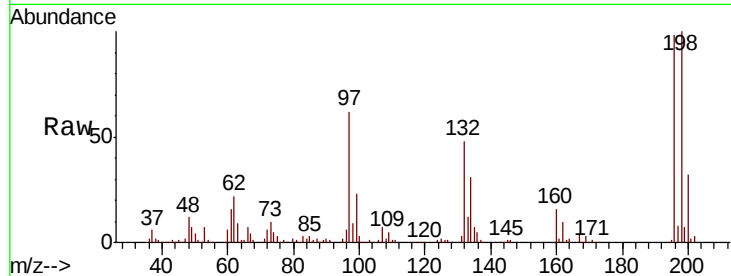
Tgt Ion:196 Resp: 164788

Ion Ratio Lower Upper

196 100

198 101.6 76.2 114.4

200 32.5 24.4 36.6

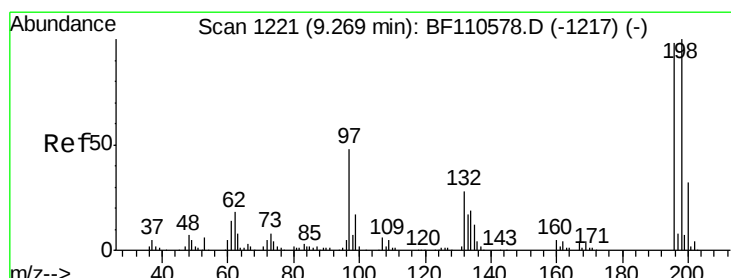
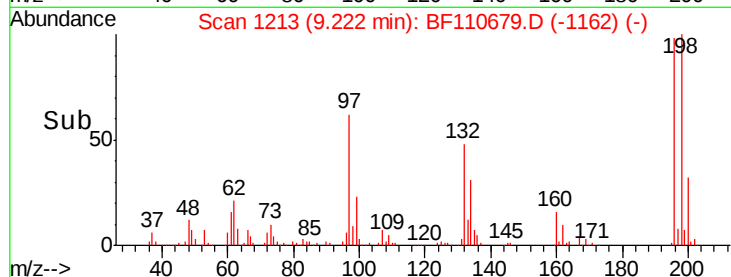
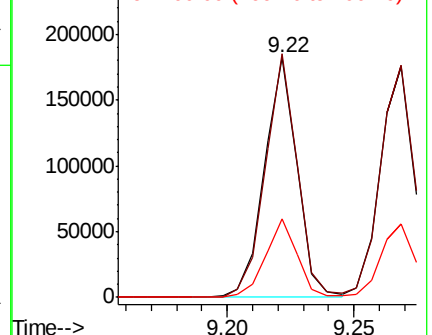


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.970 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Tgt Ion:196 Resp: 172489

Ion Ratio Lower Upper

196 100

198 100.6 75.8 113.6

97 50.5 42.4 63.6

132 29.5 22.8 34.2

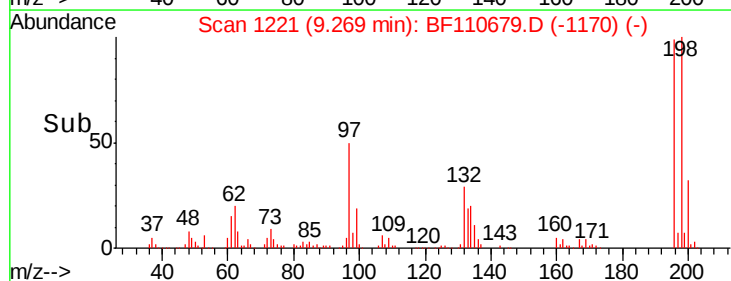
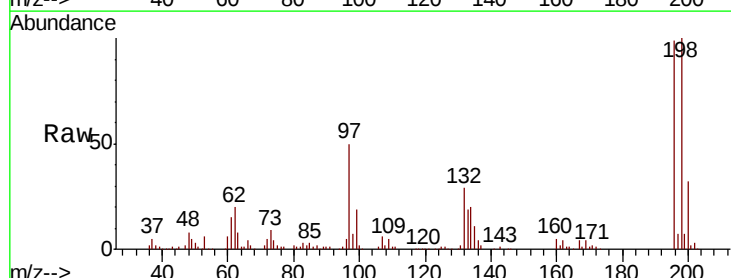
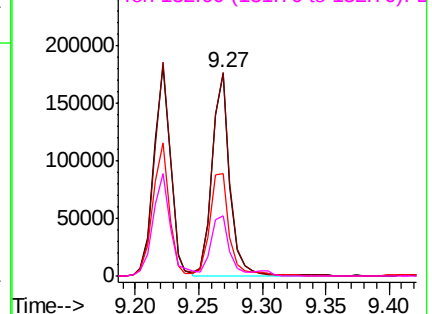
Abundance

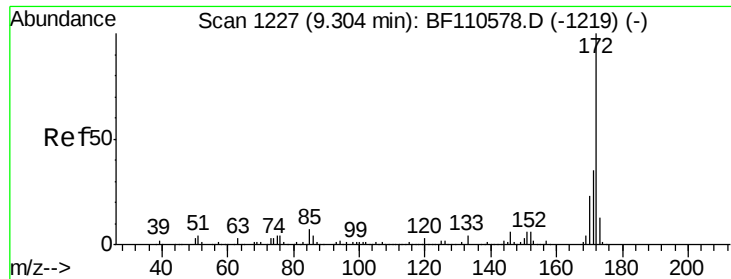
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

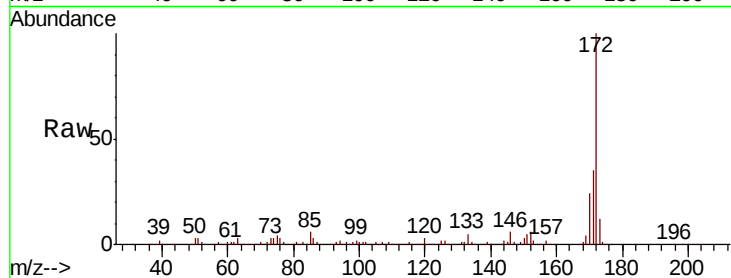




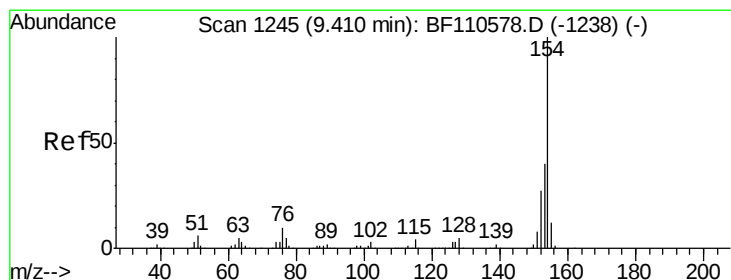
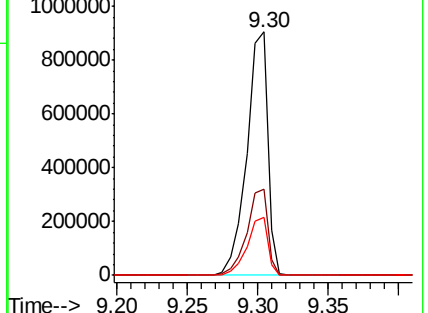
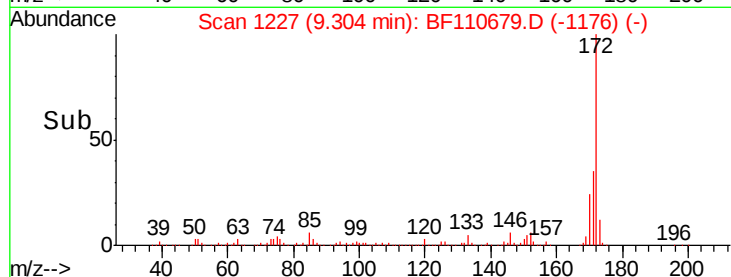
#45
 2-Fluorobiphenyl
 Concen: 74.517 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.7	19.7	29.5

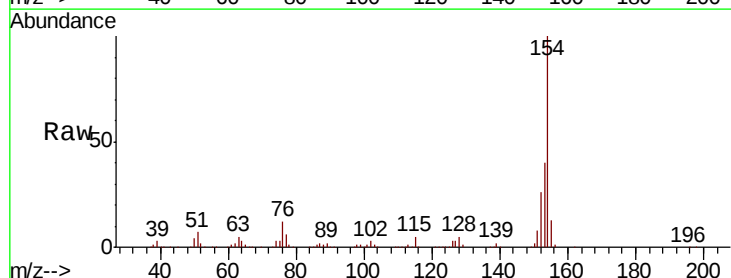


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

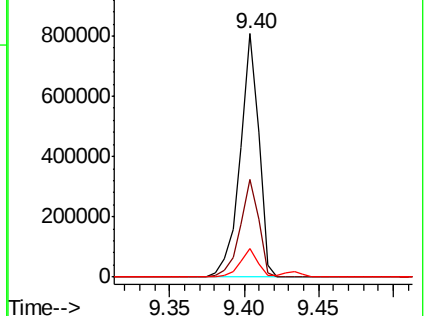
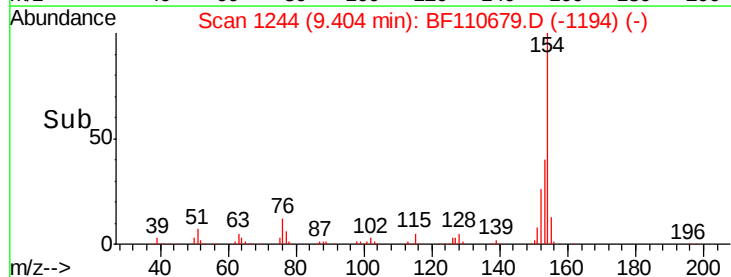


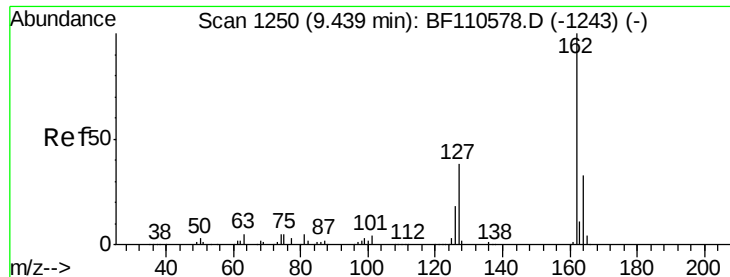
#46
 1,1'-Biphenyl
 Concen: 41.806 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.4	60.4
76	11.8	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 43.787 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :

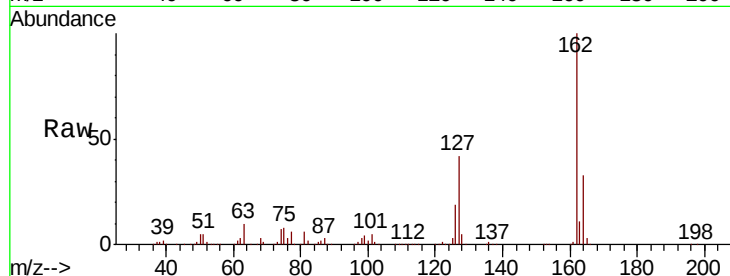
Tgt Ion: 162 Resp: 531977

Ion Ratio Lower Upper

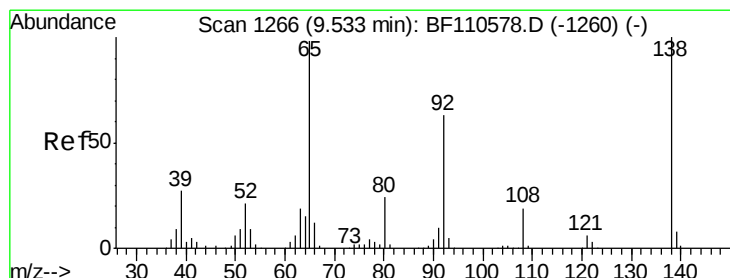
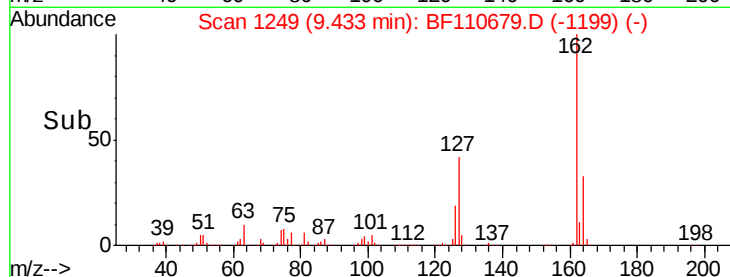
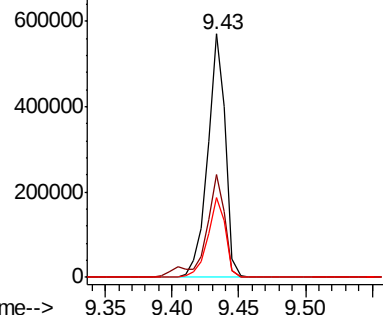
162 100

127 42.5 32.6 48.8

164 32.5 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.722 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

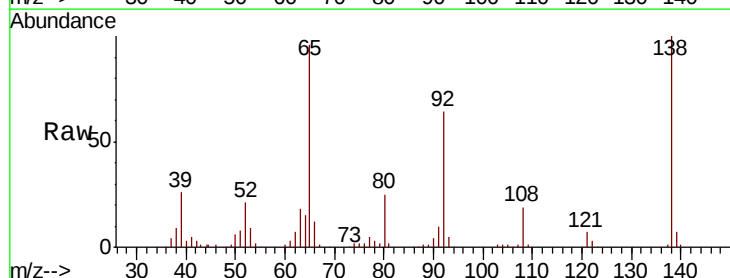
Tgt Ion: 65 Resp: 167434

Ion Ratio Lower Upper

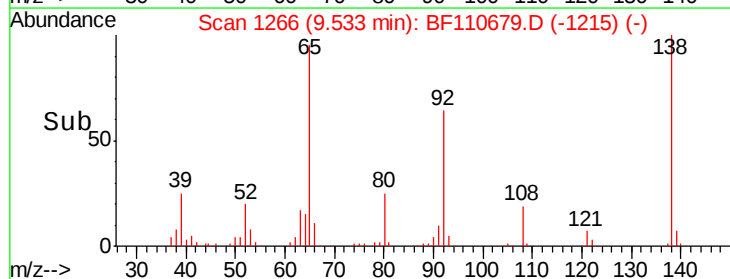
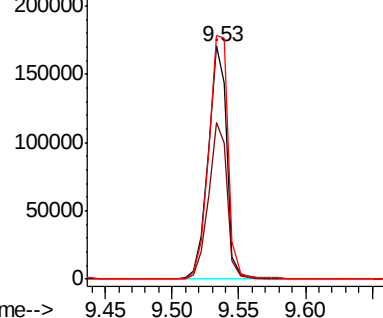
65 100

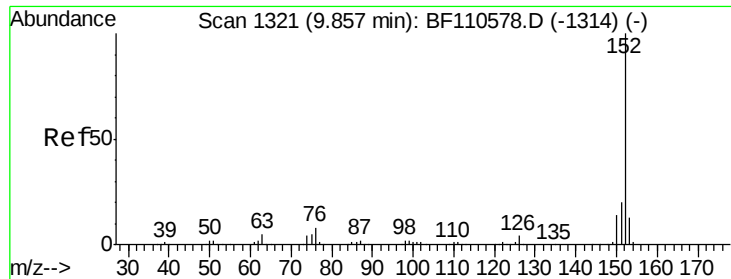
92 67.3 54.6 81.8

138 104.5 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.651 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

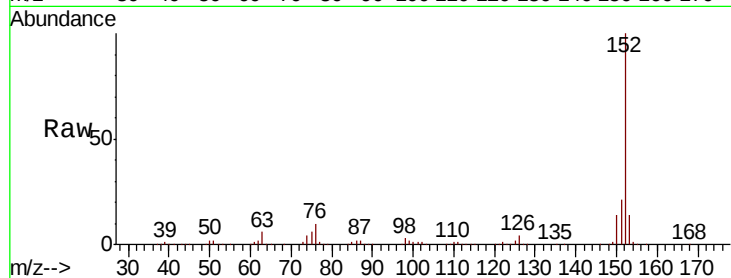
Tgt Ion:152 Resp: 833729

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

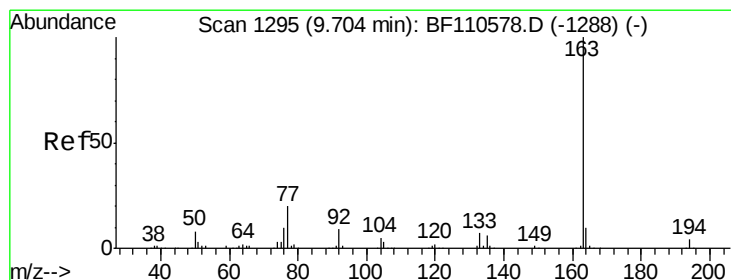
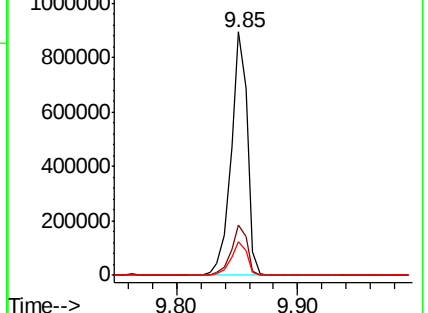
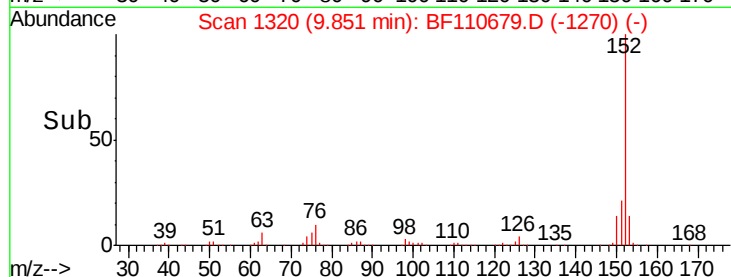
153 14.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.406 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

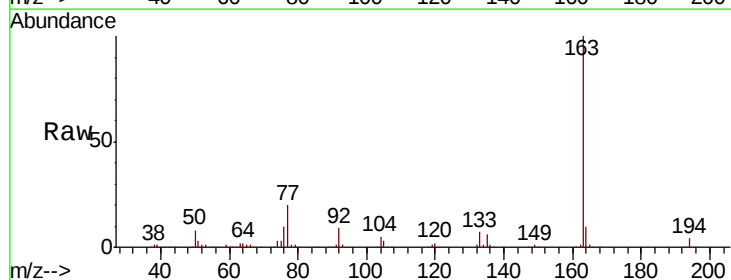
Tgt Ion:163 Resp: 625973

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

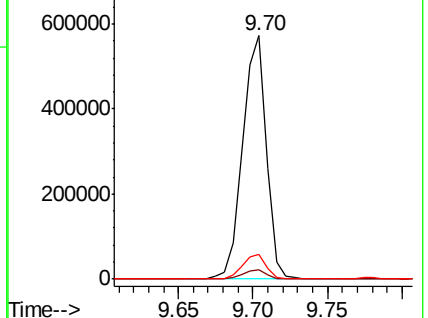
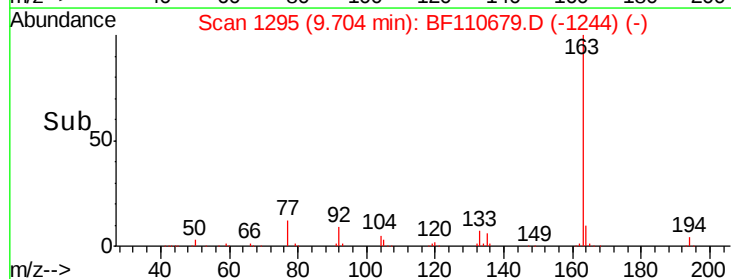
164 10.0 8.1 12.1

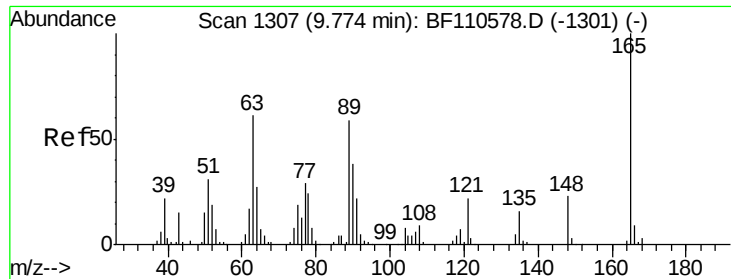


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.380 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampled :

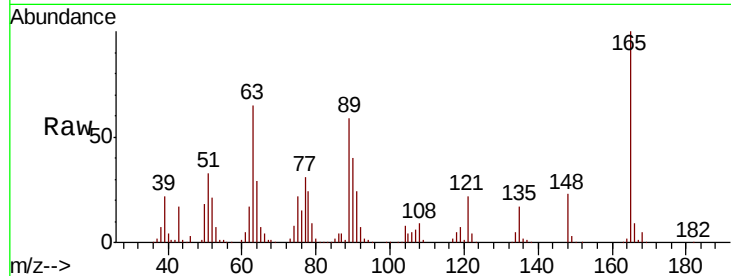
Tgt Ion:165 Resp: 137622

Ion Ratio Lower Upper

165 100

63 64.6 48.9 73.3

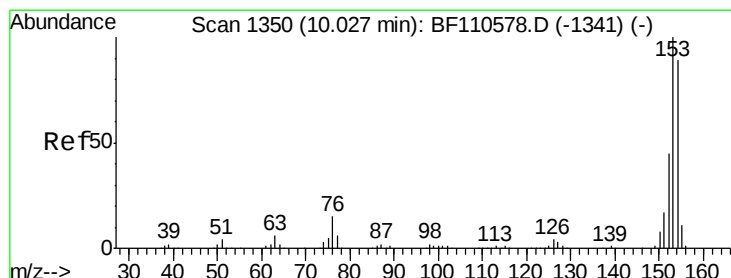
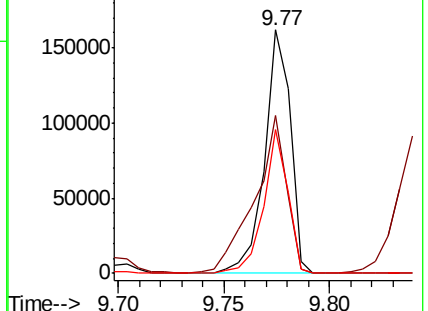
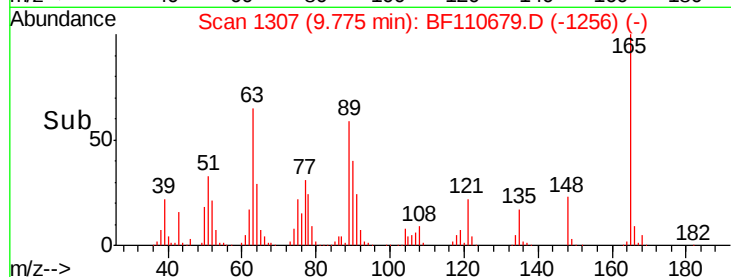
89 59.0 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 45.750 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

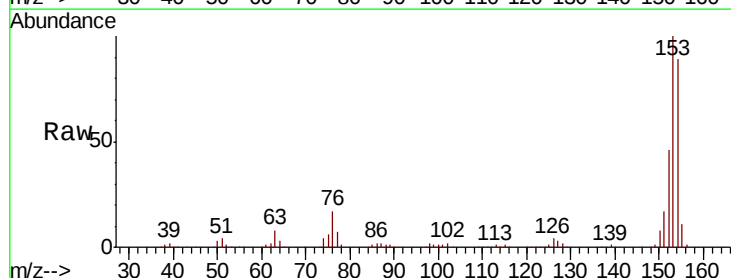
Tgt Ion:154 Resp: 505863

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

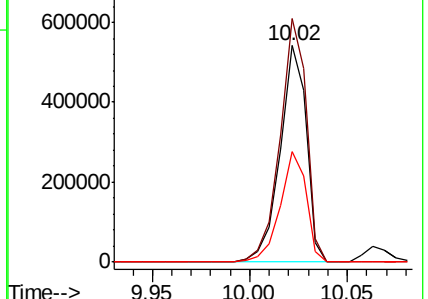
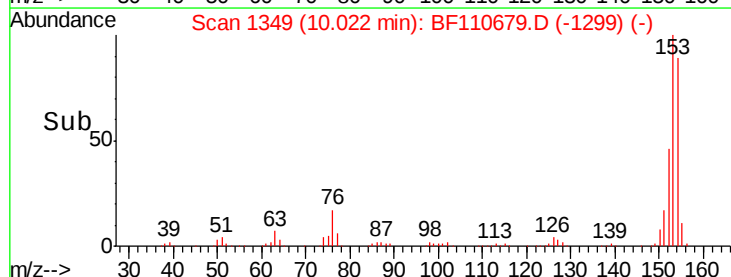
152 51.2 43.4 65.2

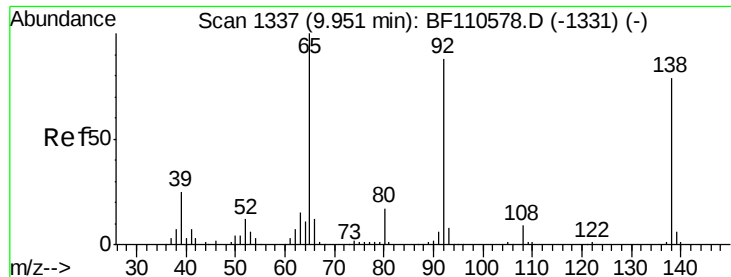


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

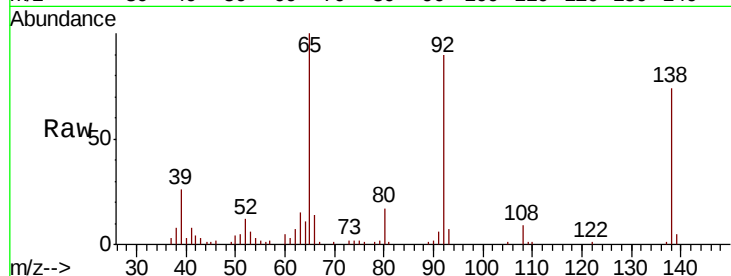




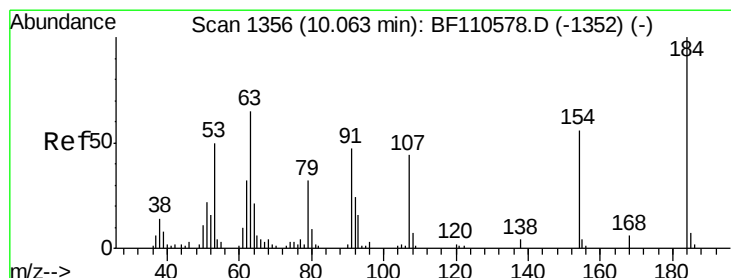
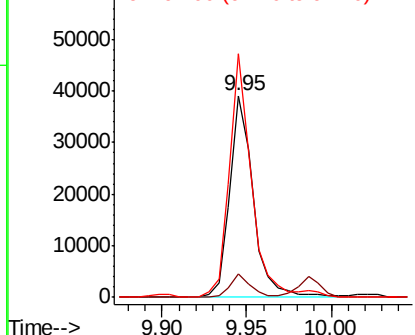
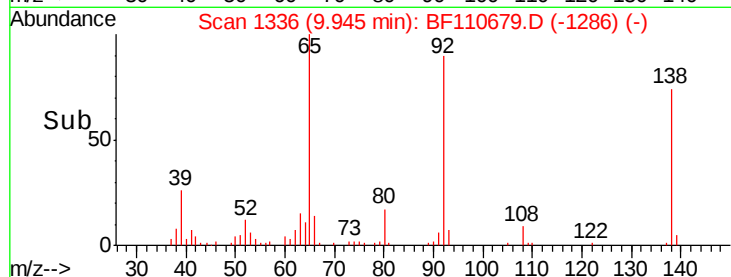
#53
3-Nitroaniline
Concen: 10.991 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:138 Resp: 37784
Ion Ratio Lower Upper
138 100
108 11.8 8.7 13.1
92 120.7 97.0 145.4

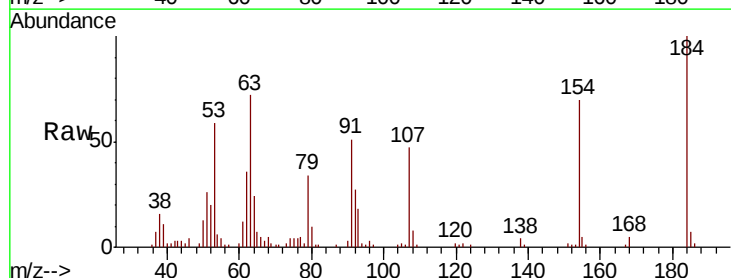


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

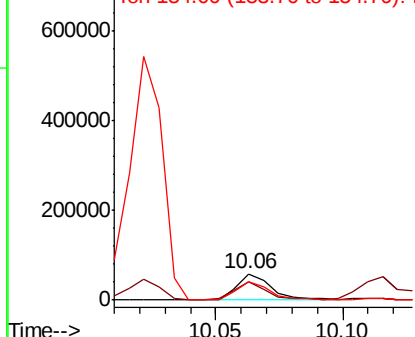
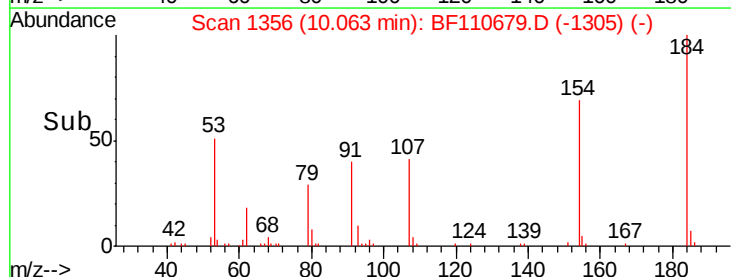


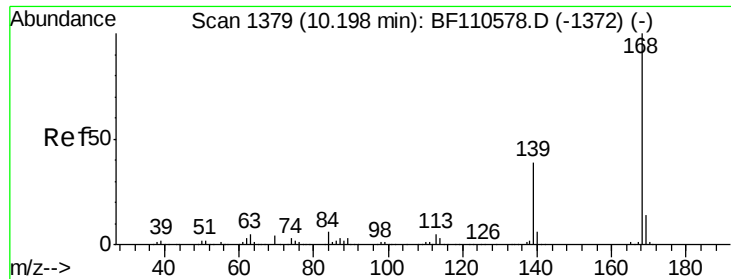
#54
2,4-Dinitrophenol
Concen: 48.705 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion:184 Resp: 55262
Ion Ratio Lower Upper
184 100
63 72.4 55.8 83.6
154 70.2 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

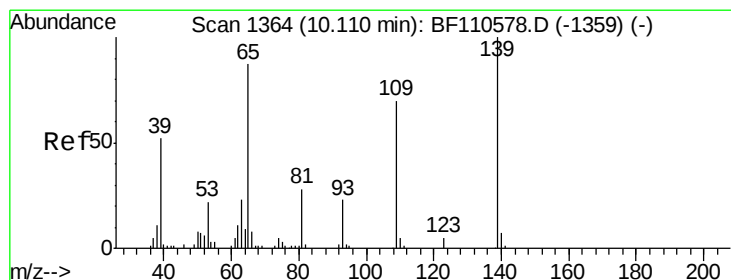
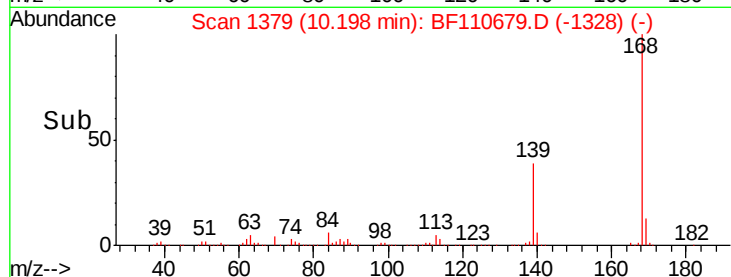
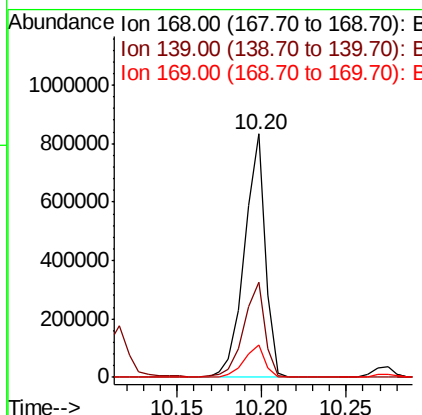
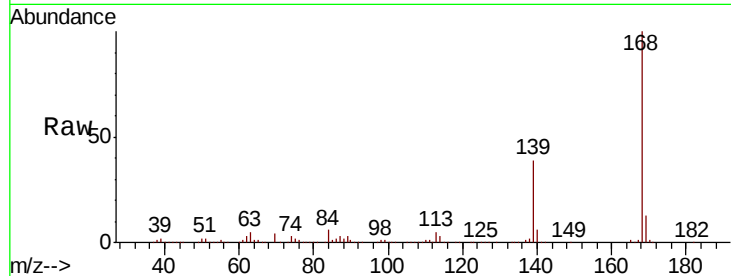




#55
Dibenzenofuran
Concen: 44.425 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

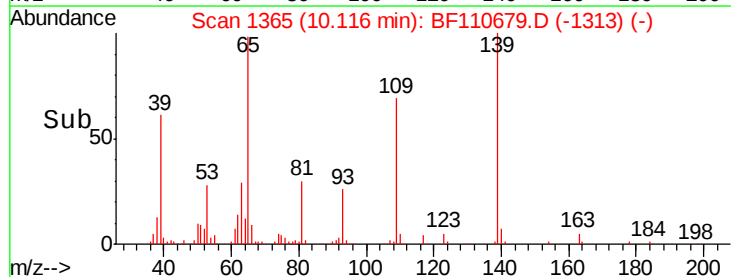
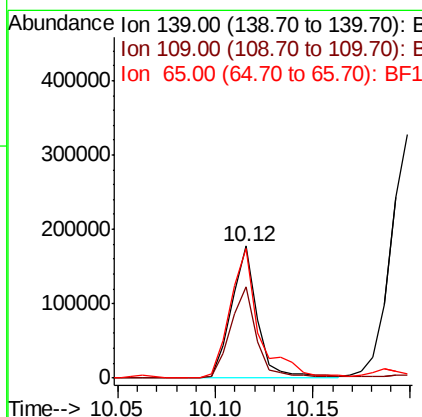
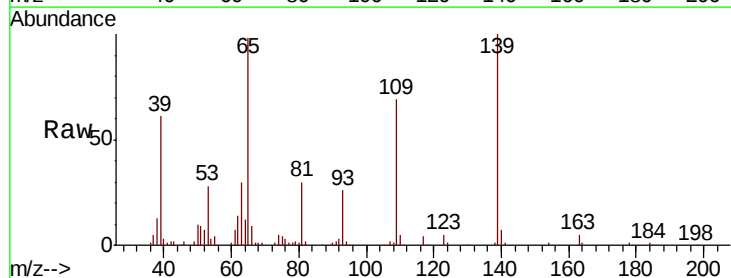
Instrument :
MSVOA_V
ClientSampled :

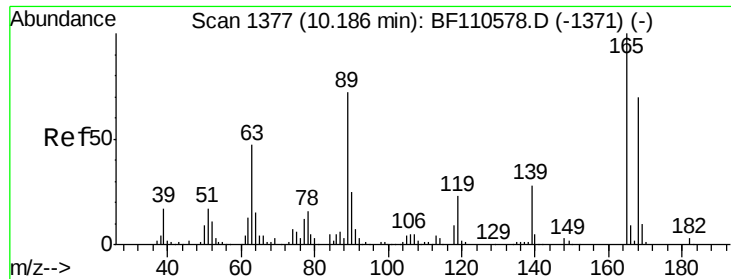
Tgt Ion:168 Resp: 718689
Ion Ratio Lower Upper
168 100
139 39.3 33.0 49.6
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 72.116 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion:139 Resp: 164475
Ion Ratio Lower Upper
139 100
109 69.4 55.8 95.8
65 98.4 77.9 117.9

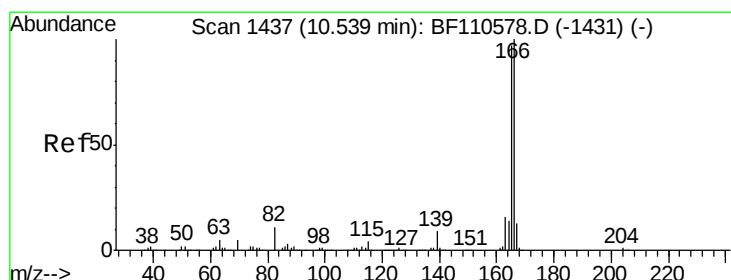
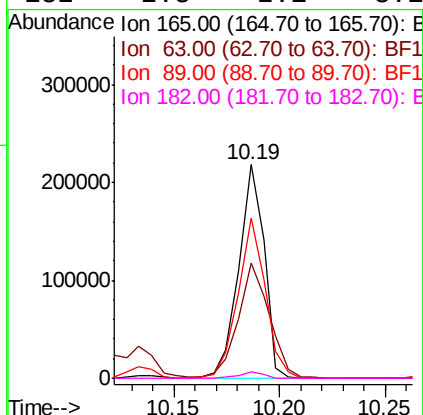
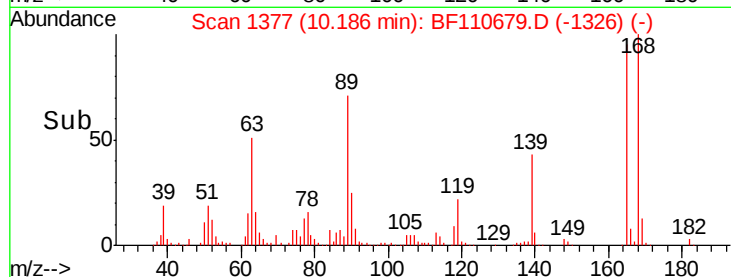
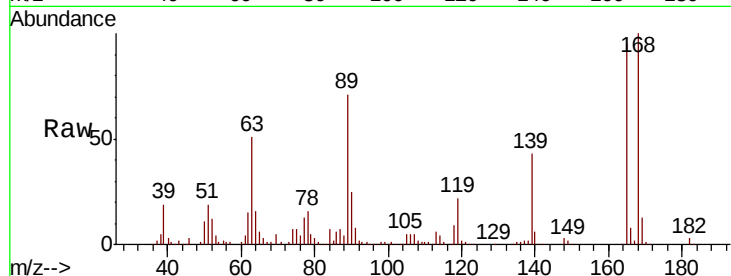




#57
2,4-Dinitrotoluene
Concen: 47.141 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

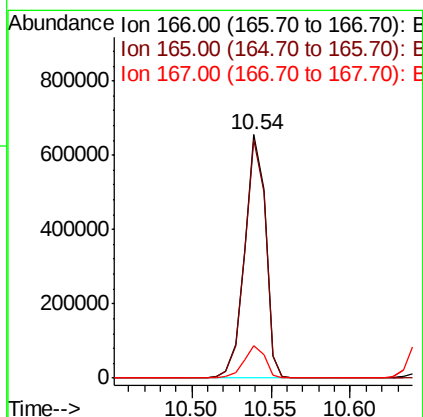
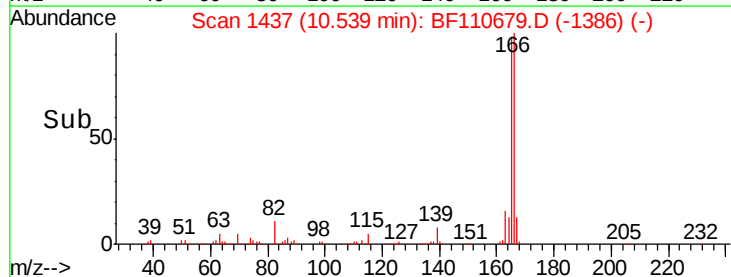
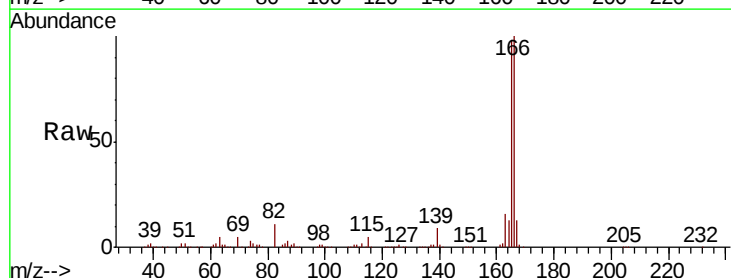
Instrument :
MSVOA_V
ClientSampleId :

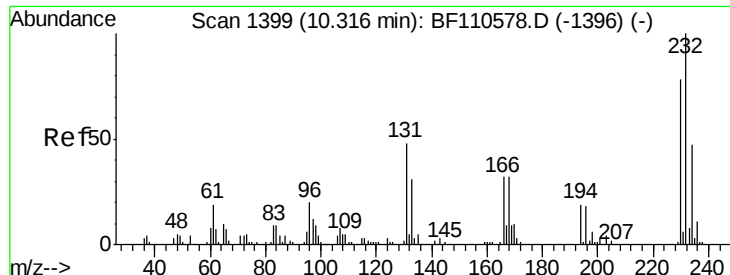
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	181878		
63	53.9	44.8	67.2	
89	75.2	62.2	93.4	
182	2.8	2.1	3.1	



#58
Fluorene
Concen: 47.994 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	596370		
165	97.7	78.6	117.8	
167	13.2	10.8	16.2	

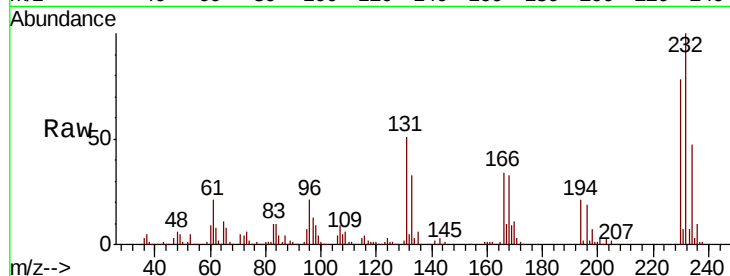




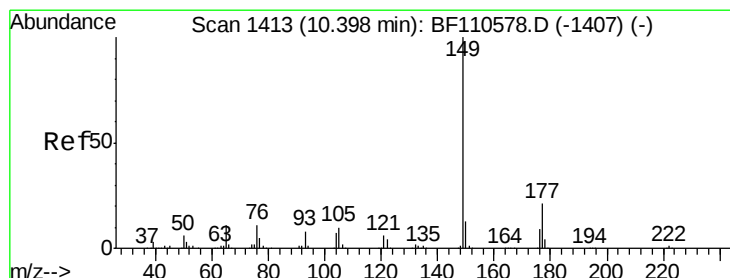
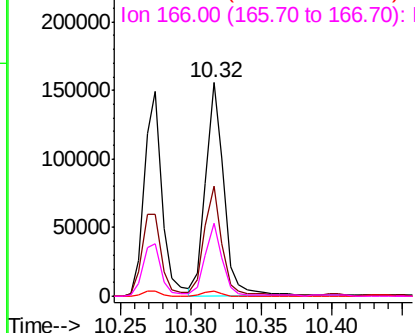
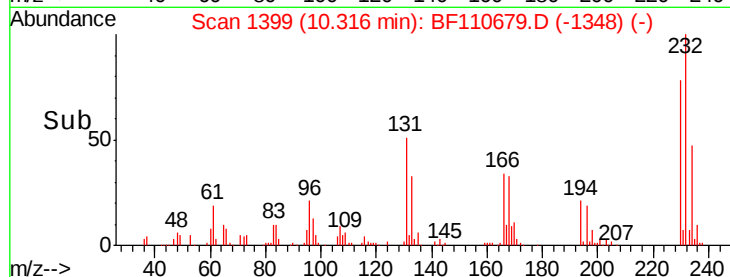
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.660 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:	232	Resp:	140794
Ion	Ratio	Lower	Upper
232	100		
131	49.4	37.0	55.4
130	2.3	1.8	2.6
166	32.2	22.0	33.0

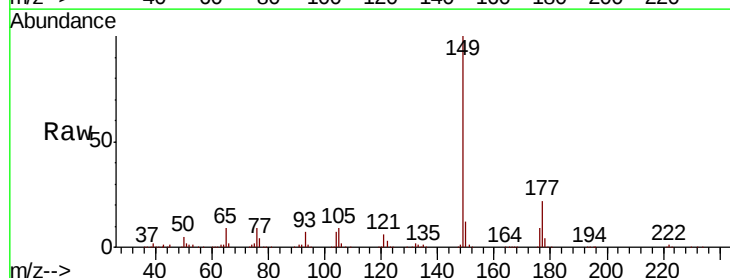


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

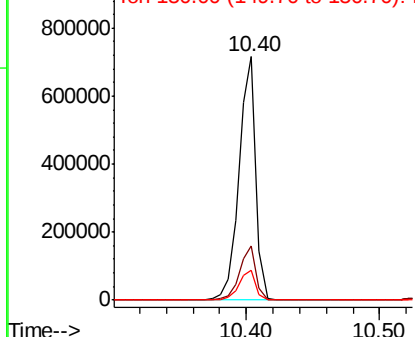
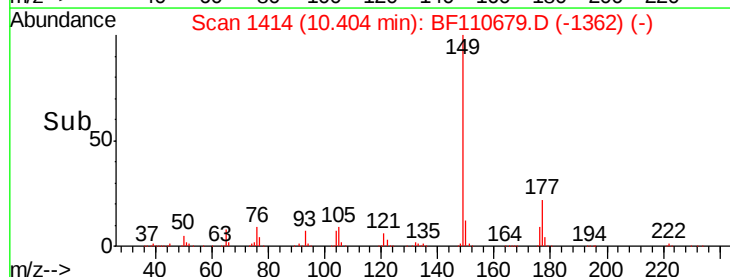


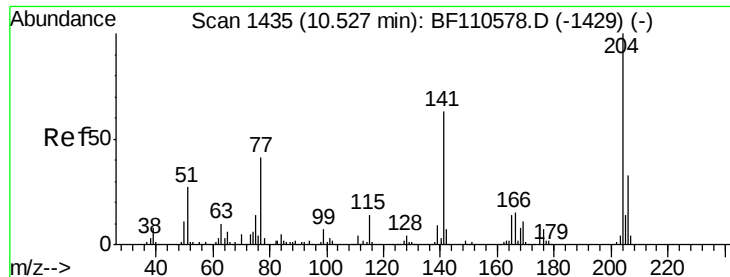
#60
 Diethylphthalate
 Concen: 46.736 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion:	149	Resp:	623690
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.2
150	12.2	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

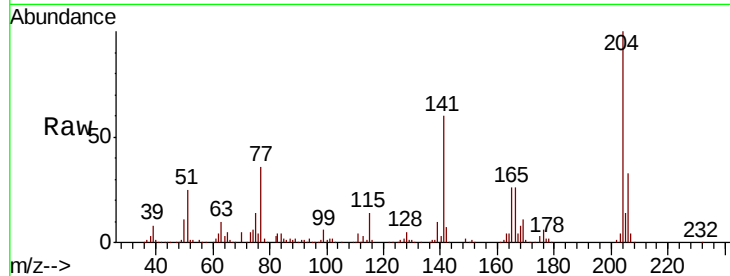




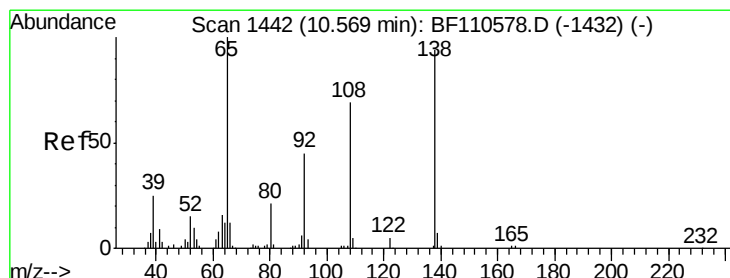
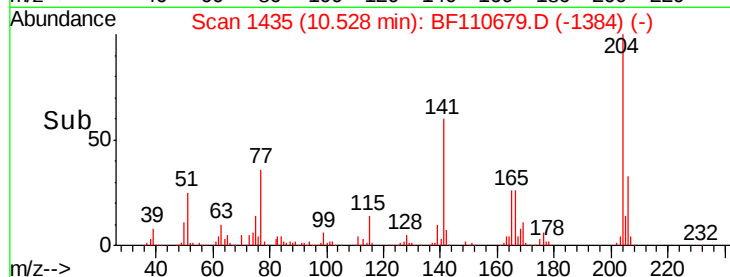
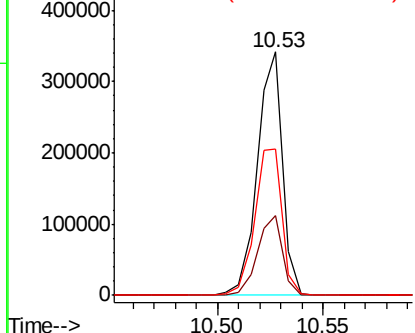
#61
4-Chlorophenyl-phenylether
Concen: 44.007 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 204 Resp: 283132
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 60.1 51.8 77.8

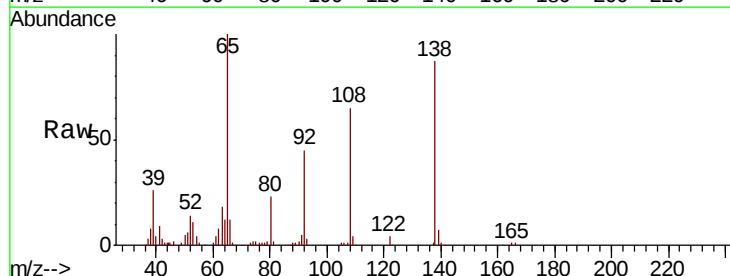


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

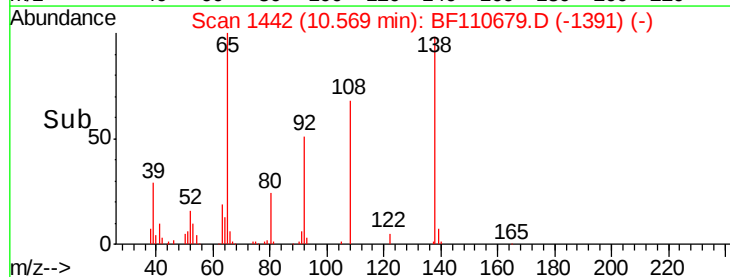
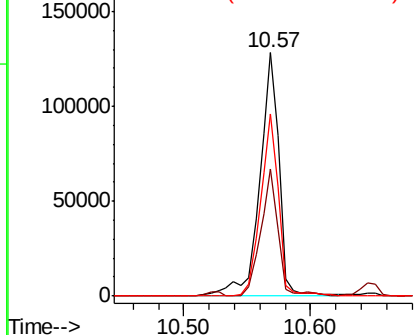


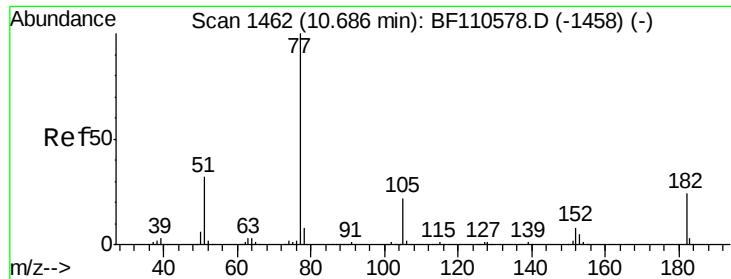
#62
4-Nitroaniline
Concen: 39.760 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion: 138 Resp: 137642
Ion Ratio Lower Upper
138 100
92 52.0 31.7 71.7
108 74.7 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 45.283 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 77 Resp: 589580

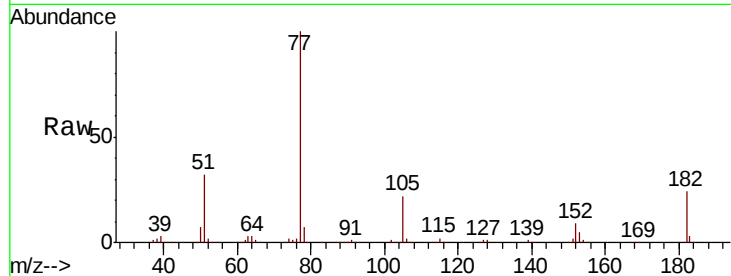
Ion Ratio Lower Upper

77 100

182 24.5 4.3 44.3

105 21.7 1.3 41.3

51 31.8 9.0 49.0

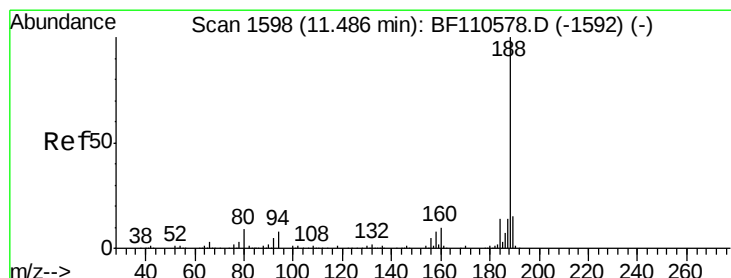
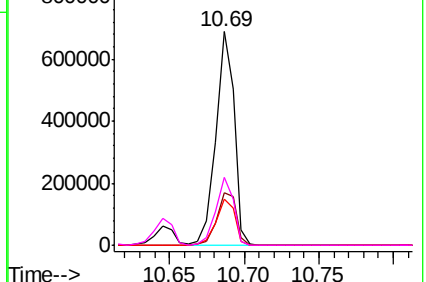
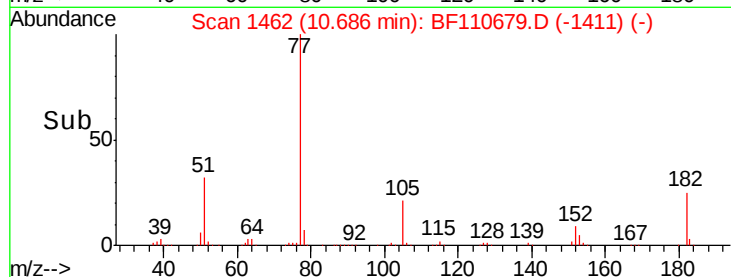


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

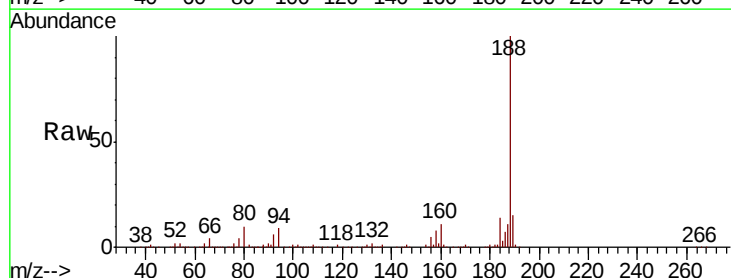
Tgt Ion: 188 Resp: 332279

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

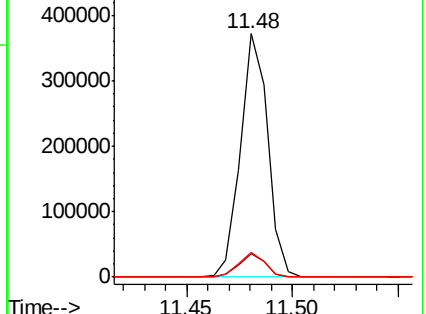
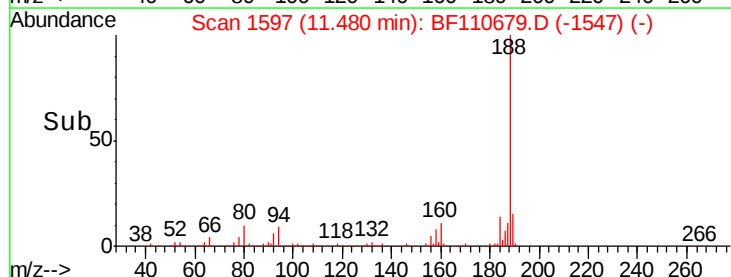
80 9.9 7.9 11.9

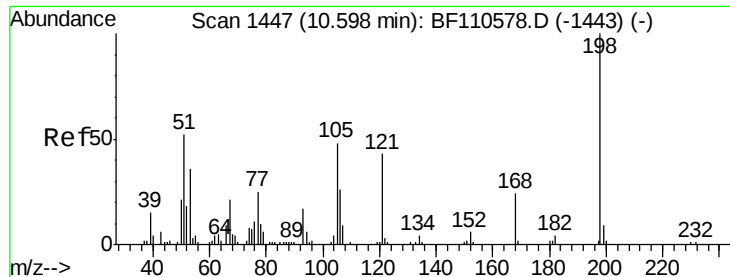


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 31.093 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

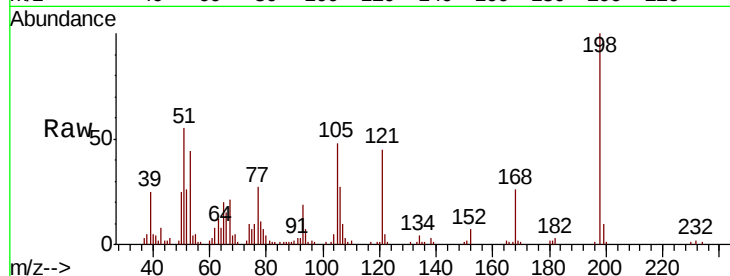
Tgt Ion:198 Resp: 52070

Ion Ratio Lower Upper

198 100

51 55.4 22.8 62.8

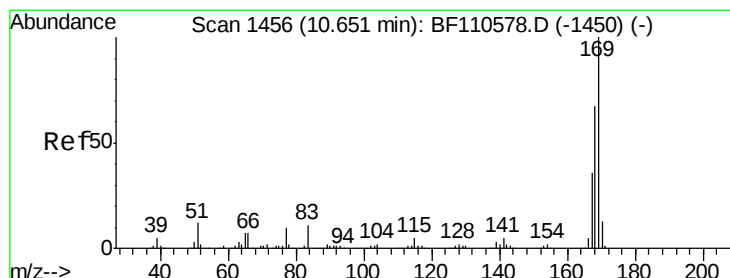
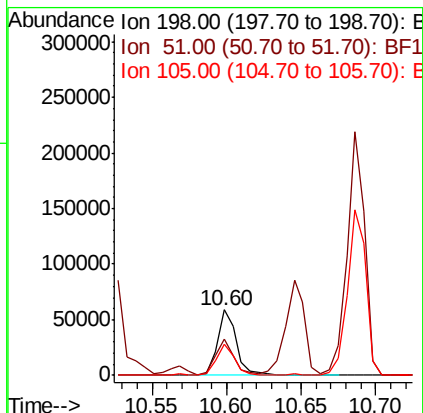
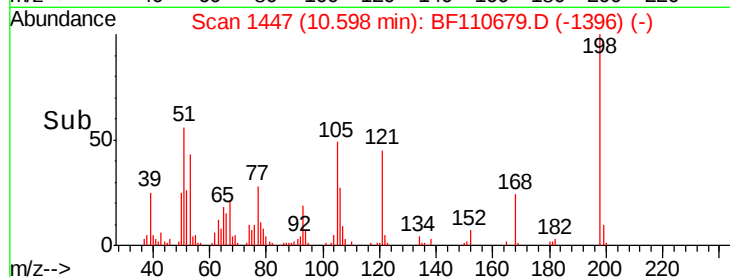
105 48.5 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.667 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

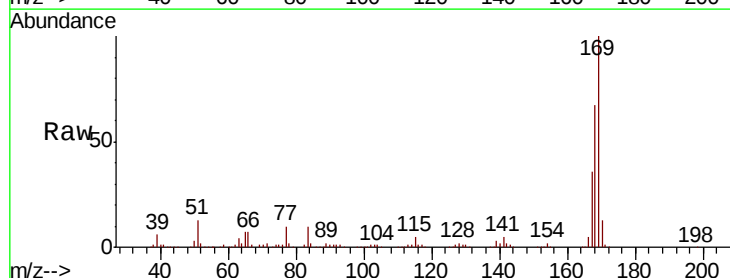
Tgt Ion:169 Resp: 511467

Ion Ratio Lower Upper

169 100

168 67.2 51.2 76.8

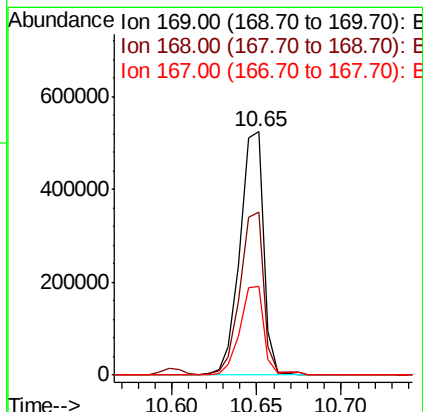
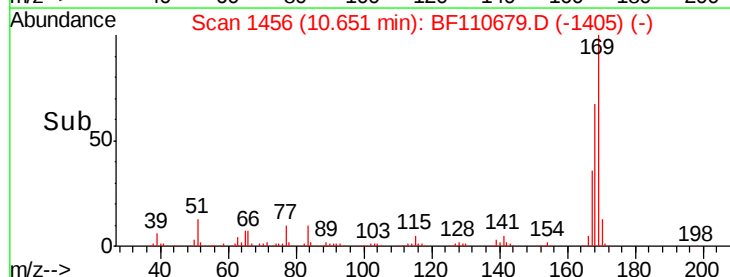
167 36.5 27.8 41.6

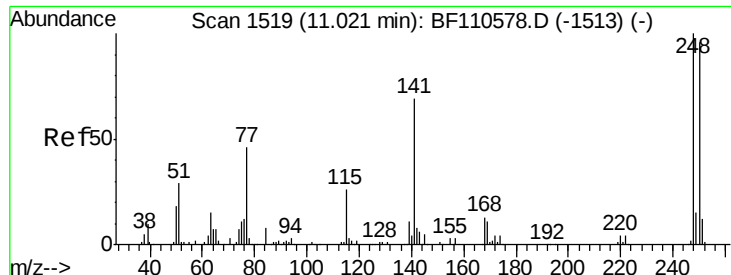


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

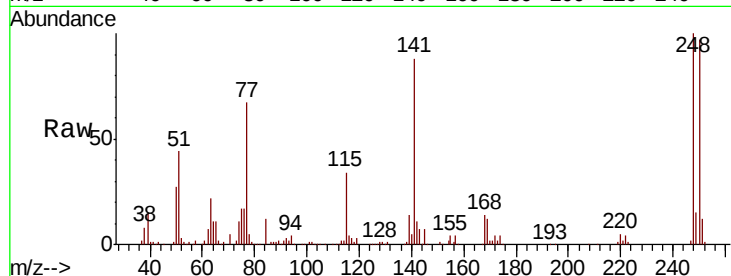




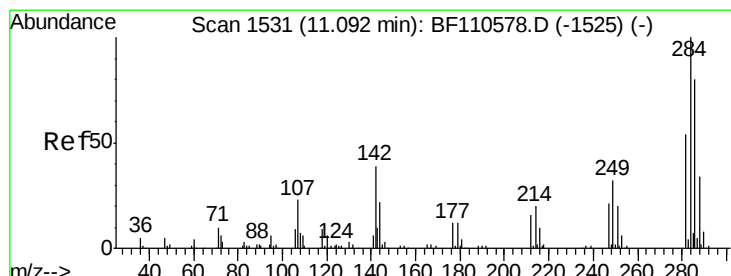
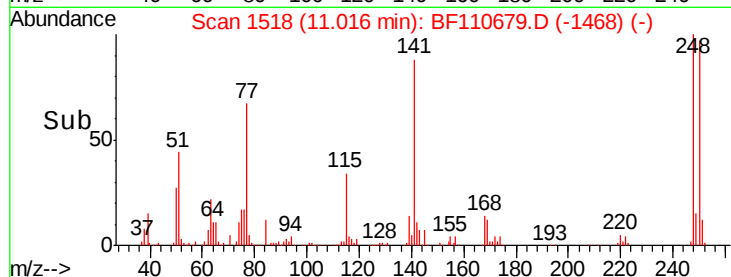
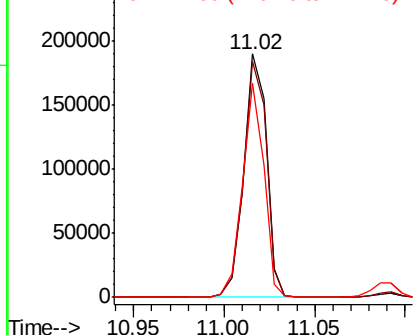
#67
 4-Bromophenyl-phenylether
 Concen: 45.124 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:248 Resp: 165712
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.4 119.2
 141 88.0 55.9 83.9#

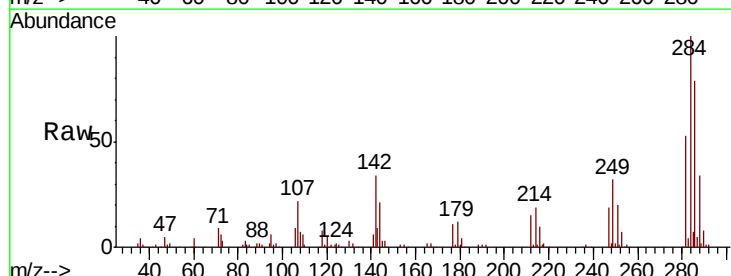


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

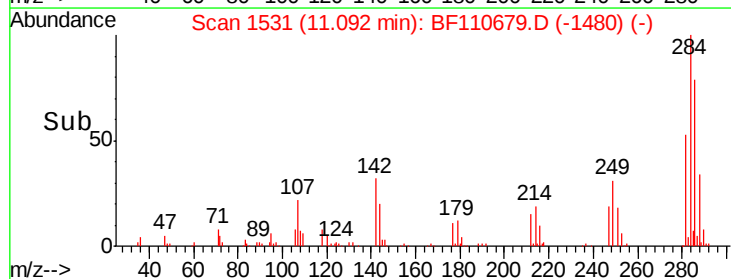
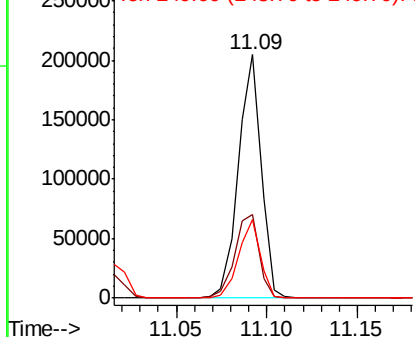


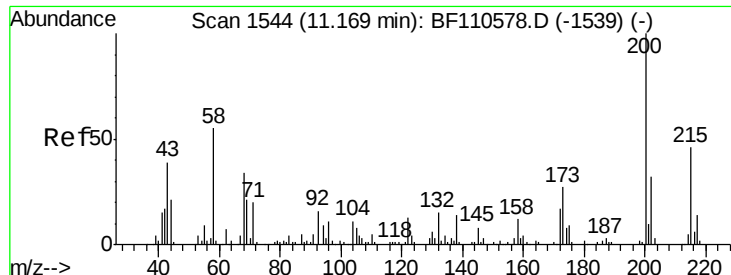
#68
 Hexachlorobenzene
 Concen: 46.190 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion:284 Resp: 178837
 Ion Ratio Lower Upper
 284 100
 142 34.4 23.9 35.9
 249 32.1 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

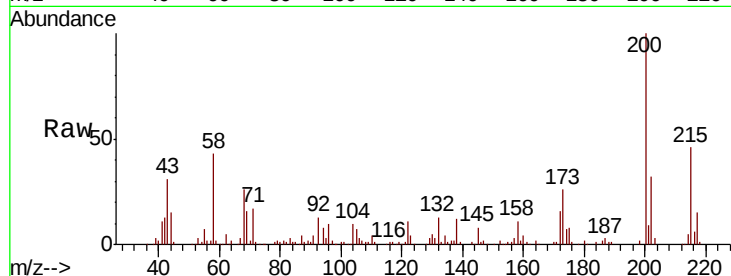




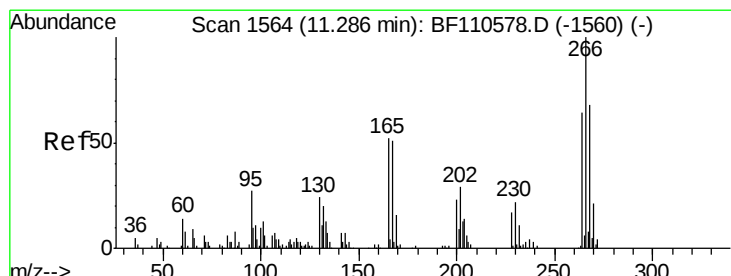
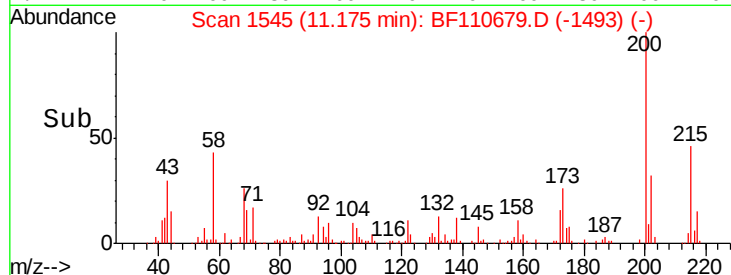
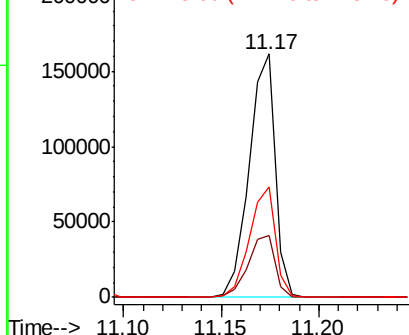
#69
Atrazine
Concen: 43.787 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:200 Resp: 149949
Ion Ratio Lower Upper
200 100
173 25.5 6.6 46.6
215 45.6 26.3 66.3

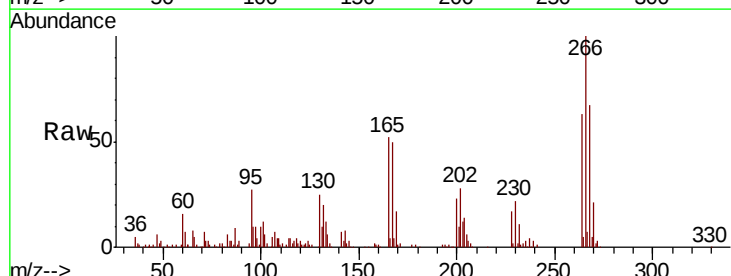


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

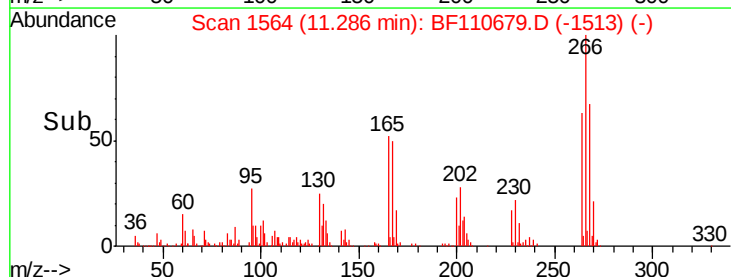
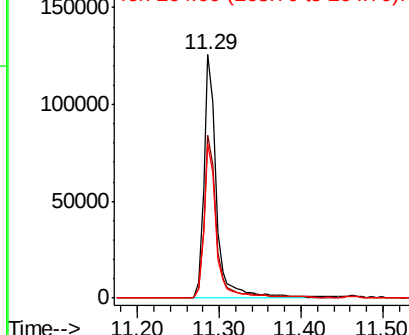


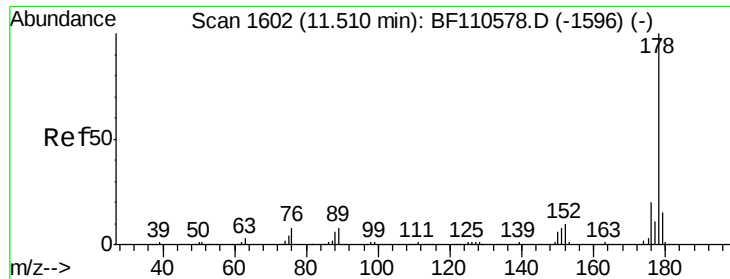
#70
Pentachlorophenol
Concen: 66.468 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion:266 Resp: 137319
Ion Ratio Lower Upper
266 100
268 67.0 50.6 75.8
264 63.0 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

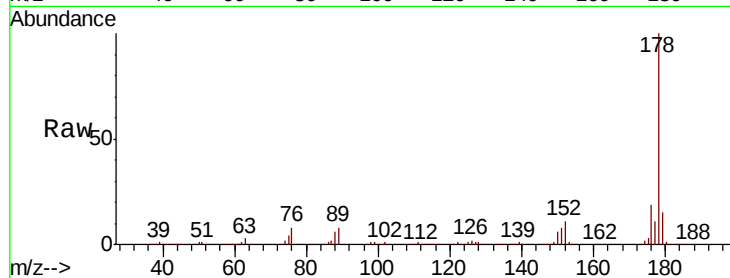




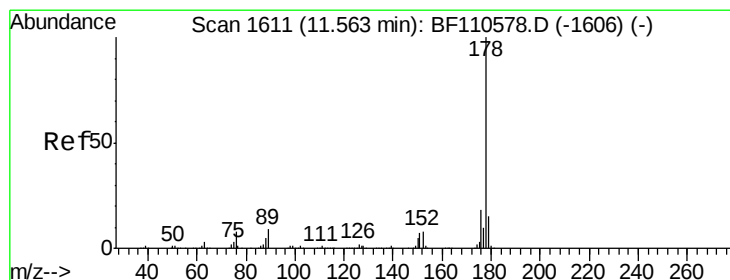
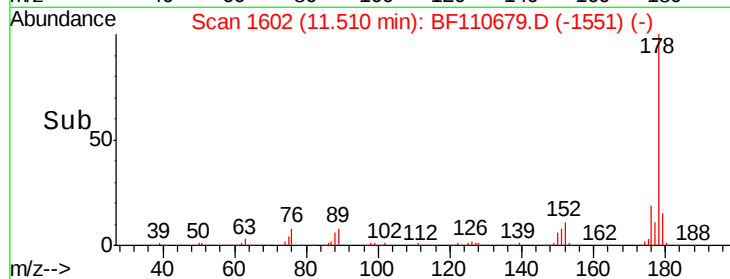
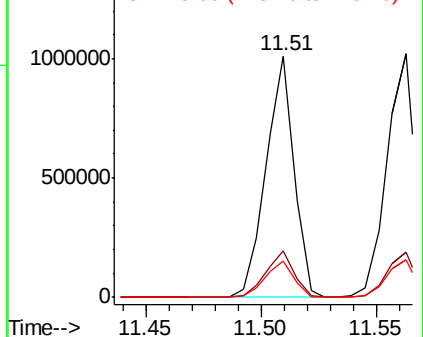
#71
Phenanthrene
Concen: 48.041 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:178 Resp: 855223
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.0 12.5 18.7

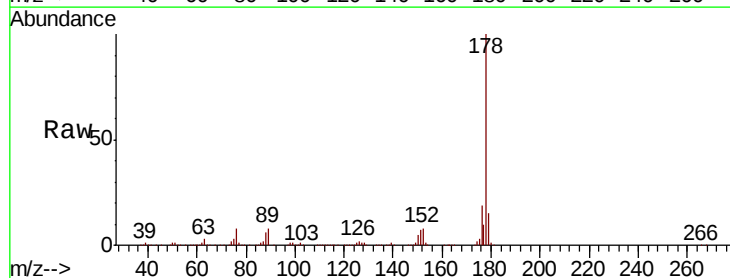


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

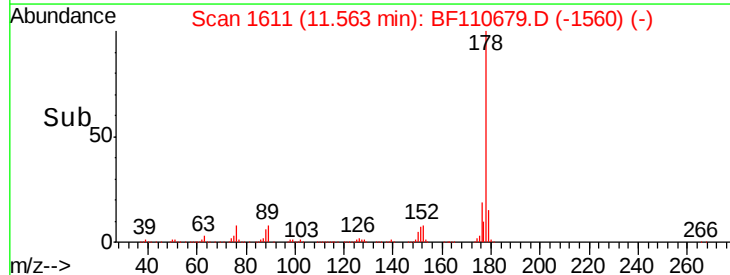
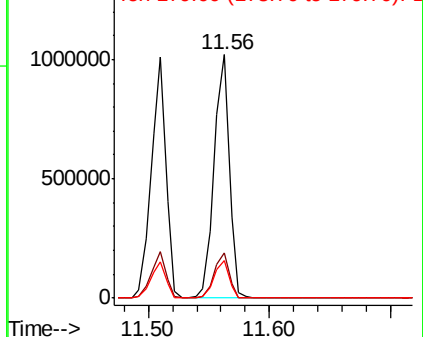


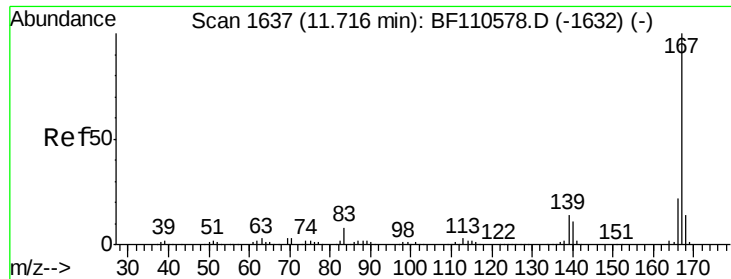
#72
Anthracene
Concen: 49.042 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion:178 Resp: 880686
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

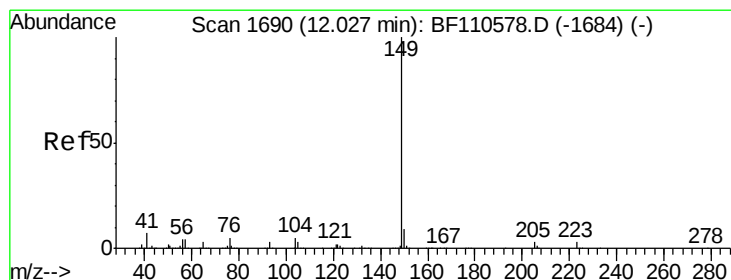
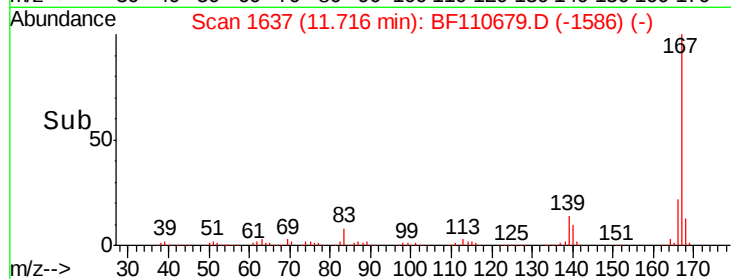
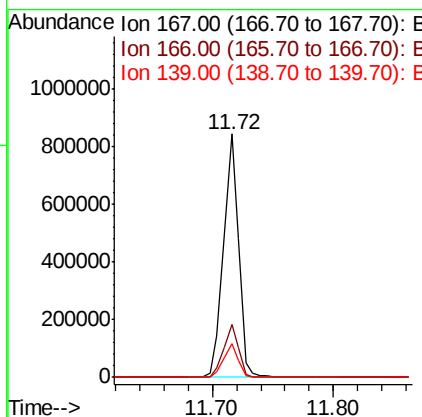
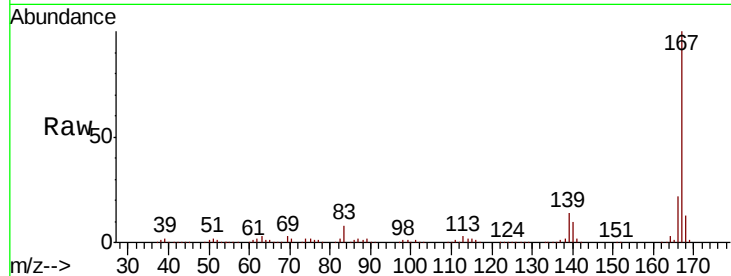




#73
 Carbazole
 Concen: 42.229 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

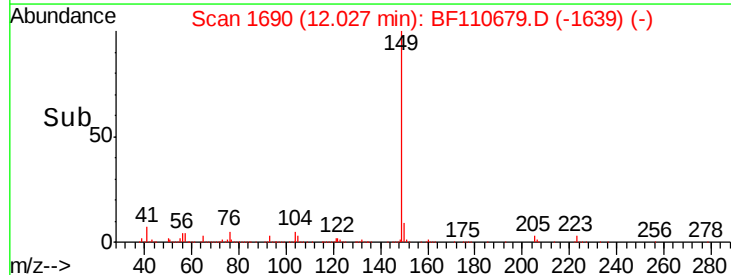
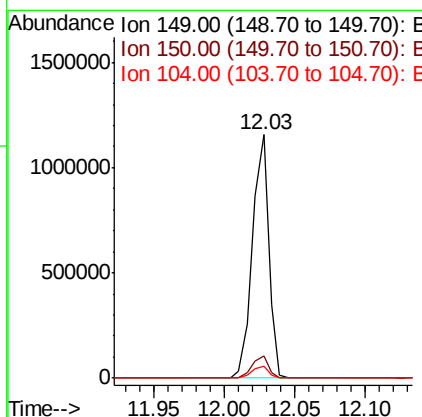
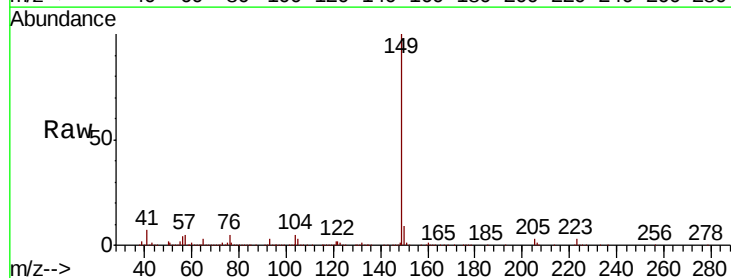
Instrument :
 MSVOA_V
 ClientSampleId :

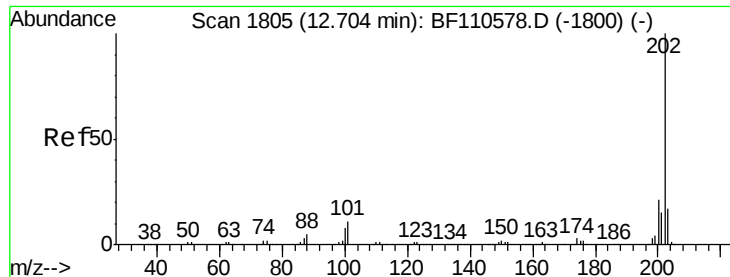
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.7	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 46.943 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 46.259 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampled :

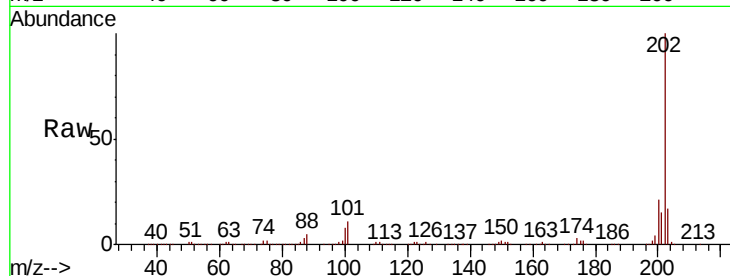
Tgt Ion: 202 Resp: 825606

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

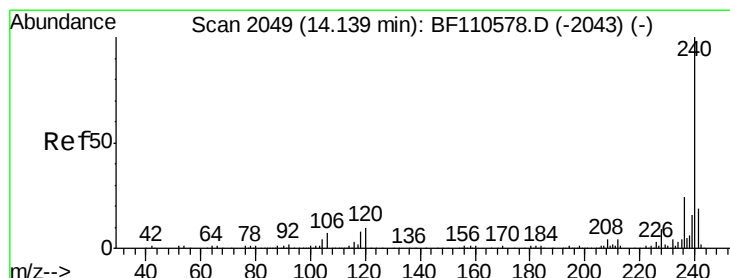
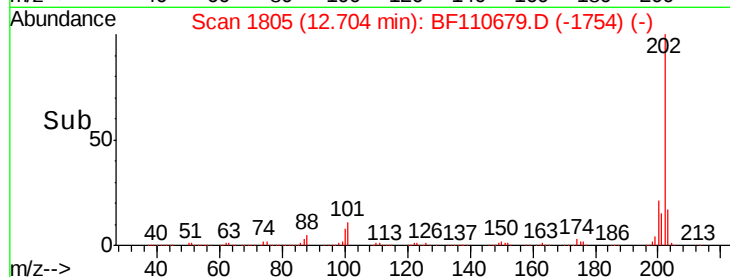
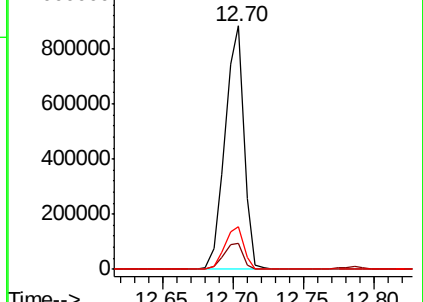
203 17.5 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

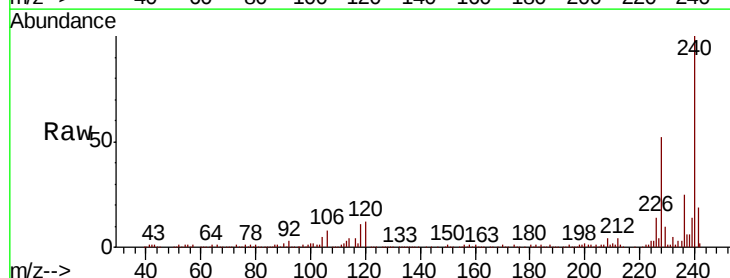
Tgt Ion: 240 Resp: 203237

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

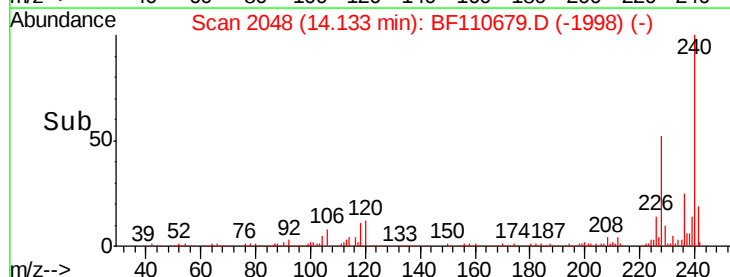
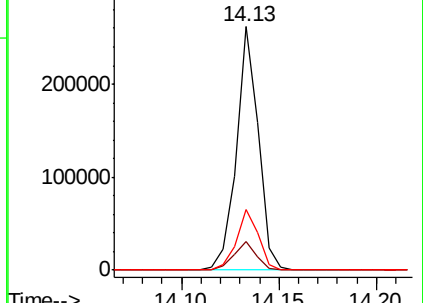
236 24.9 21.2 31.8

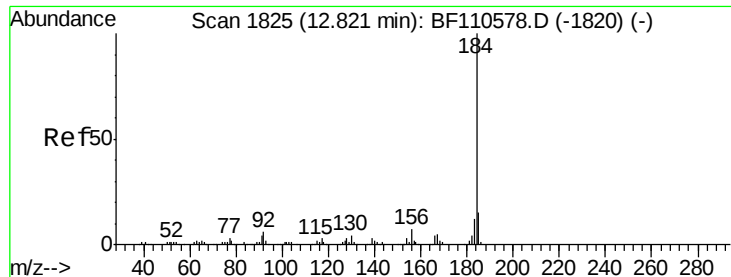


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.847 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampled :

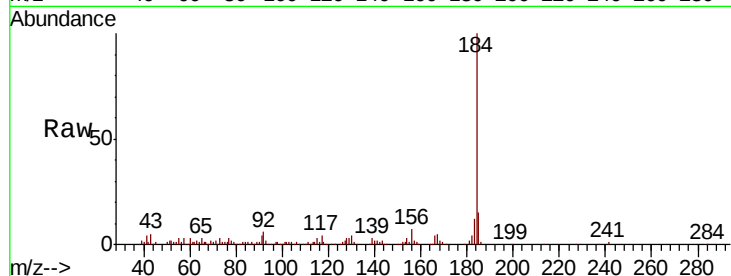
Tgt Ion:184 Resp: 217118

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.2

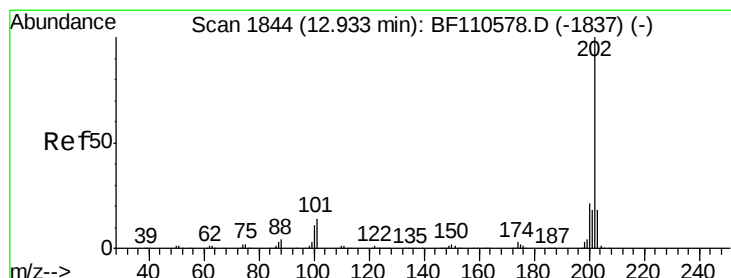
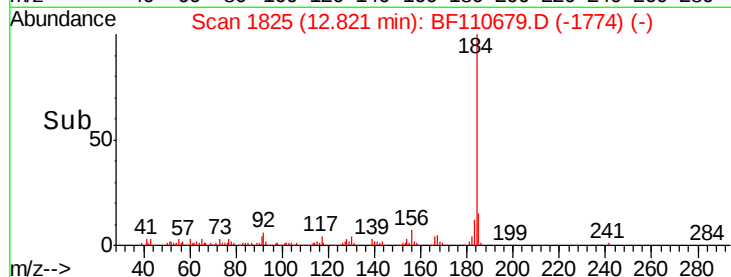
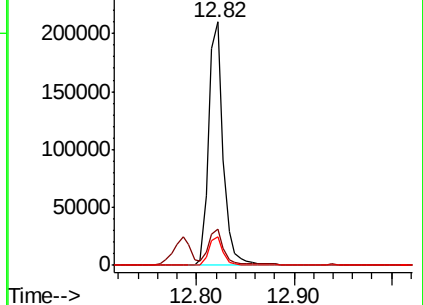
183 11.7 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.708 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

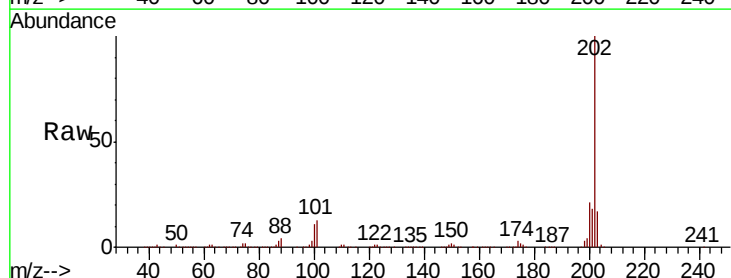
Tgt Ion:202 Resp: 809159

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

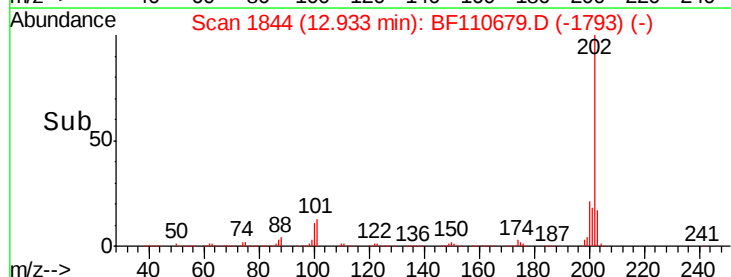
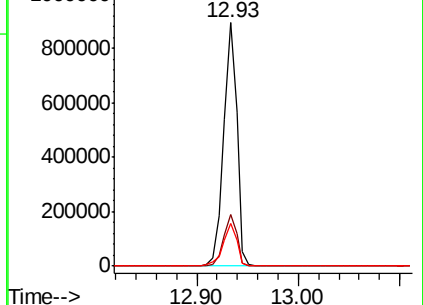
203 17.4 14.2 21.4

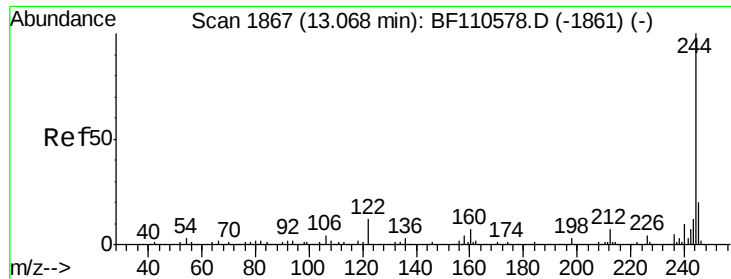


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.060 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

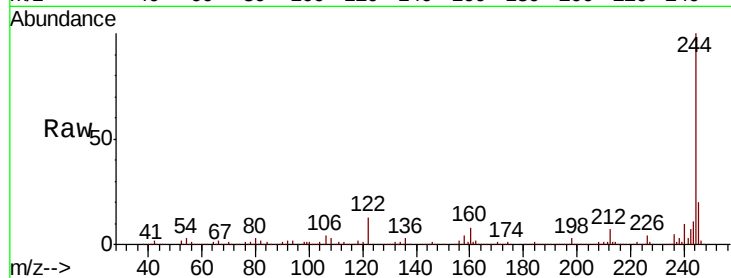
Tgt Ion:244 Resp: 879686

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

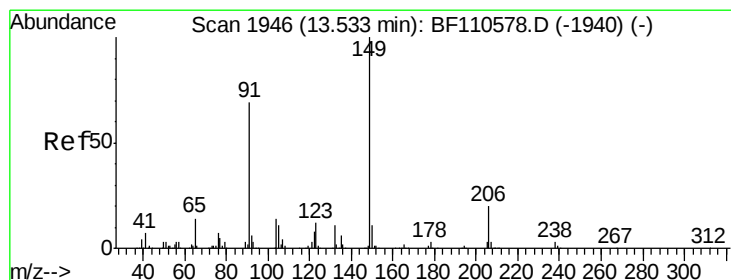
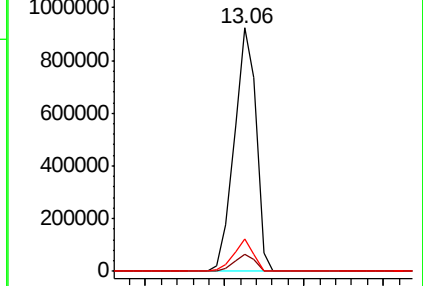
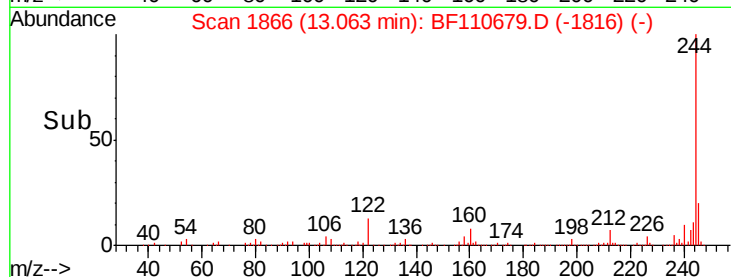
122 13.1 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.157 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

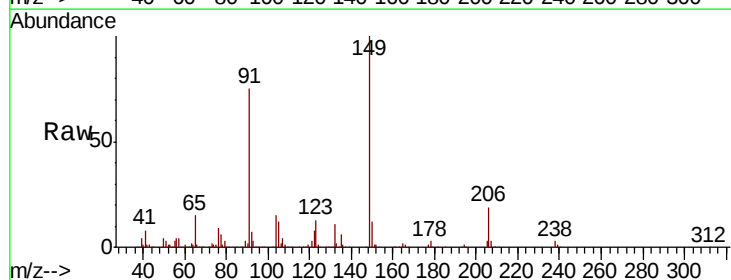
Tgt Ion:149 Resp: 351299

Ion Ratio Lower Upper

149 100

91 75.2 57.2 85.8

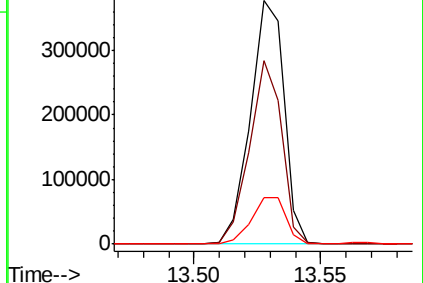
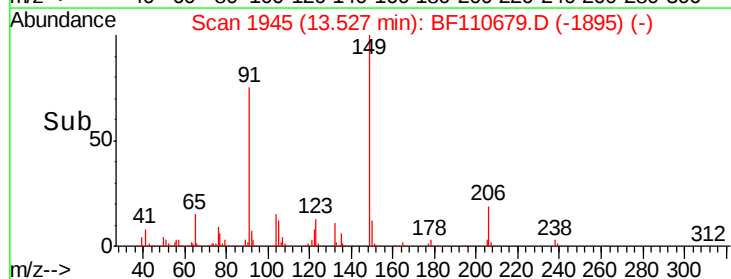
206 19.2 15.7 23.5

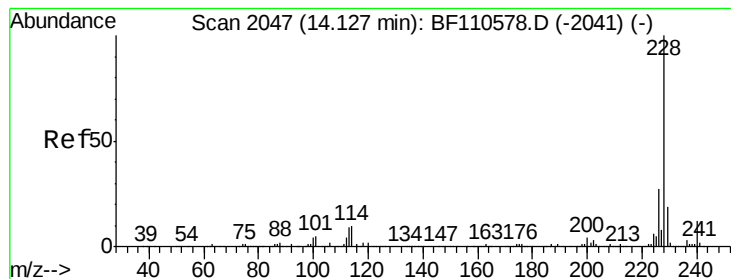


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.177 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampled :

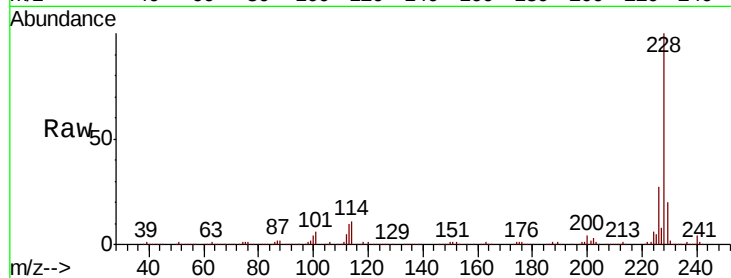
Tgt Ion:228 Resp: 609534

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

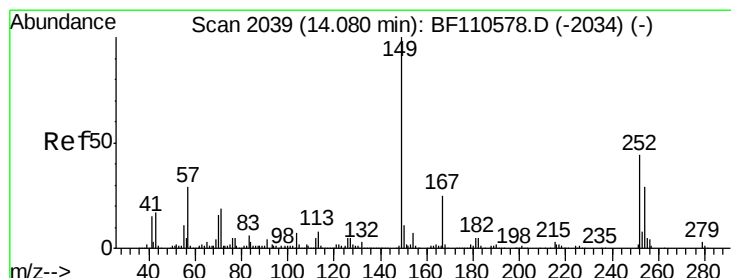
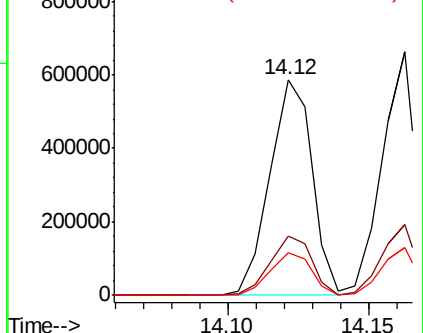
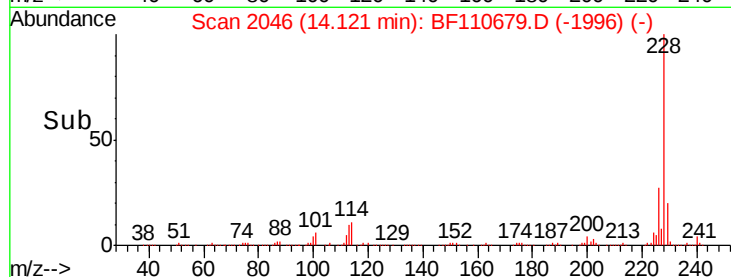
229 19.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 4.845 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

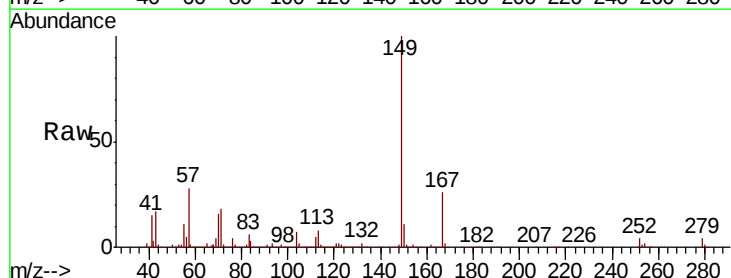
Tgt Ion:252 Resp: 19715

Ion Ratio Lower Upper

252 100

254 65.0 51.3 76.9

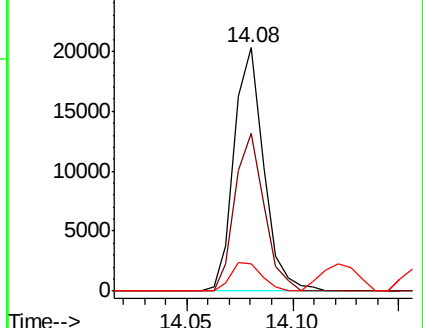
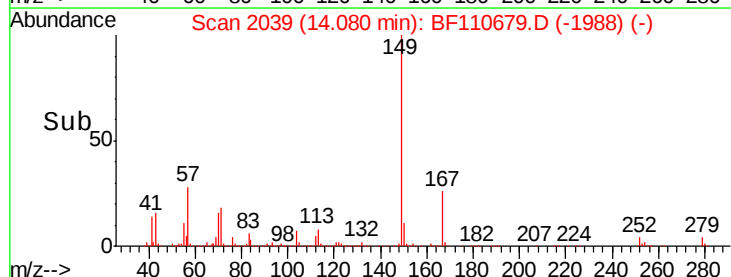
126 11.2 9.4 14.2

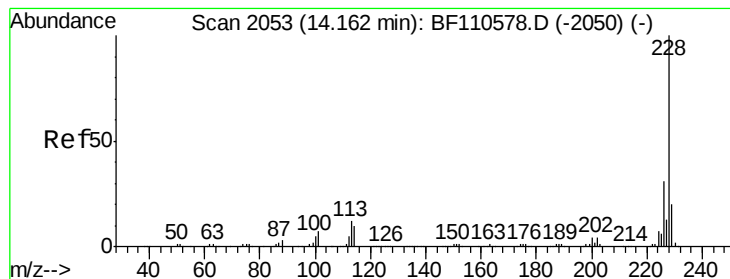


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.946 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

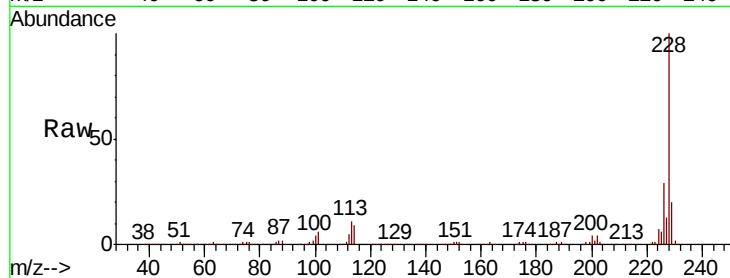
Tgt Ion:228 Resp: 566463

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

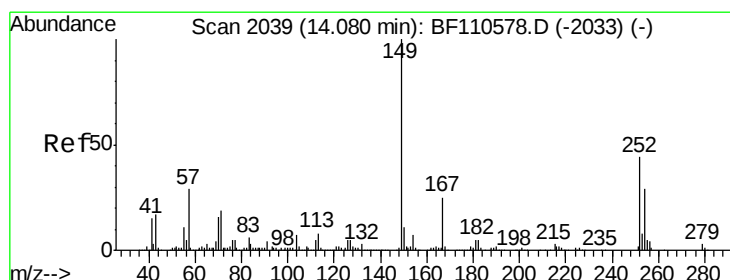
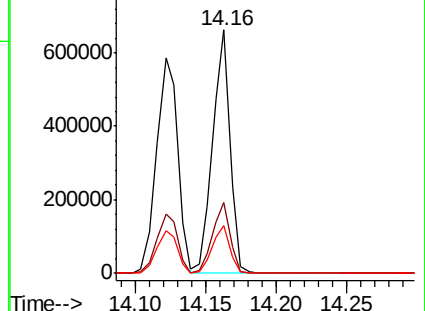
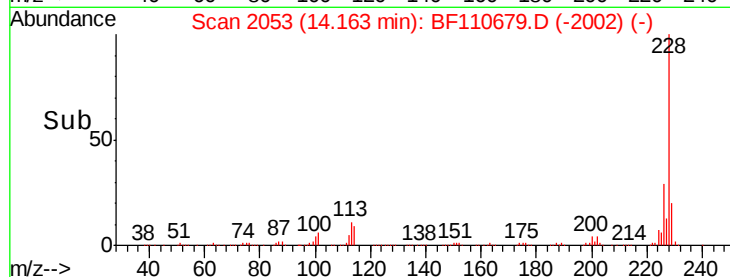
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.391 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

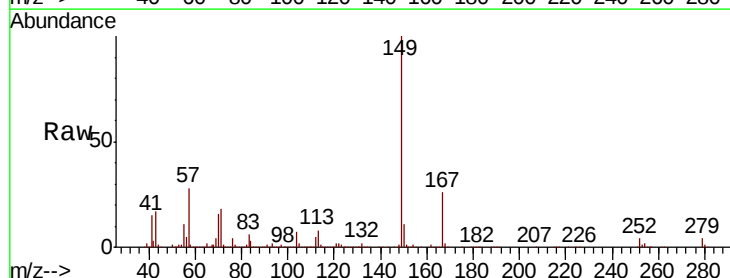
Tgt Ion:149 Resp: 496238

Ion Ratio Lower Upper

149 100

167 26.4 19.8 29.8

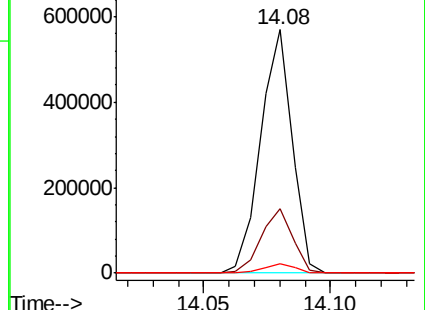
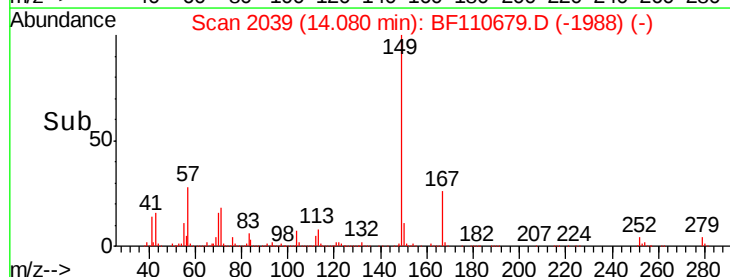
279 3.7 2.7 4.1

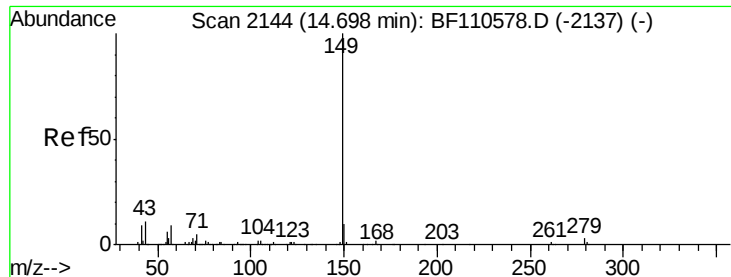


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 59.137 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

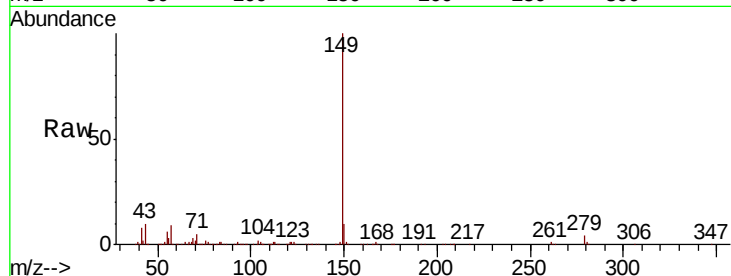
Tgt Ion:149 Resp: 726612

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

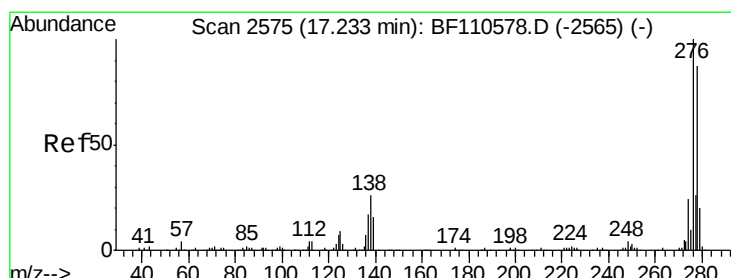
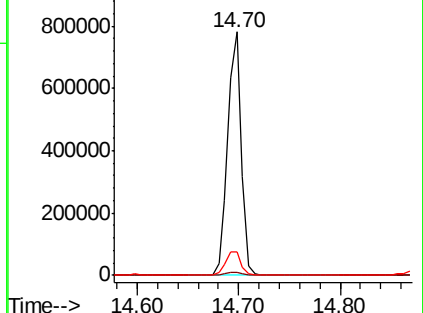
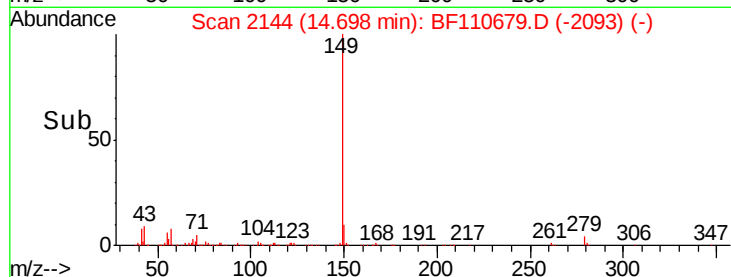
43 10.5 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 62.450 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

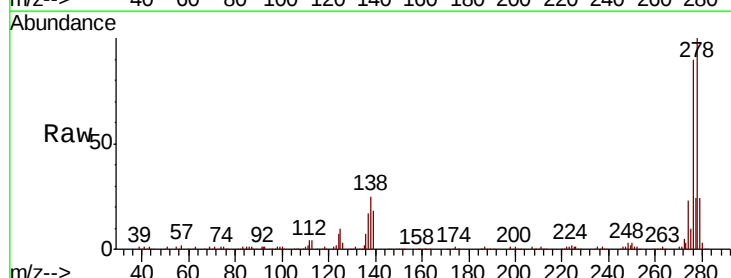
Tgt Ion:276 Resp: 518631

Ion Ratio Lower Upper

276 100

138 26.0 18.5 27.7

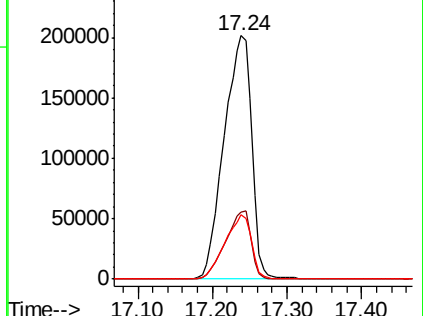
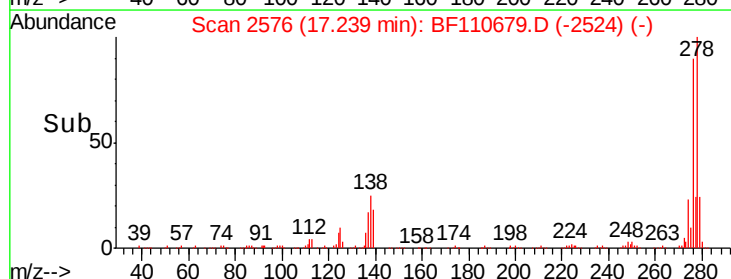
277 25.2 20.0 30.0

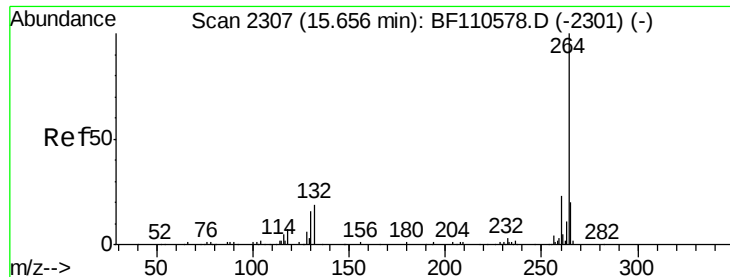


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

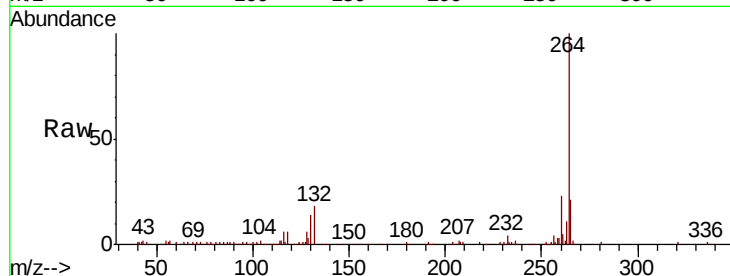
Tgt Ion:264 Resp: 162873

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

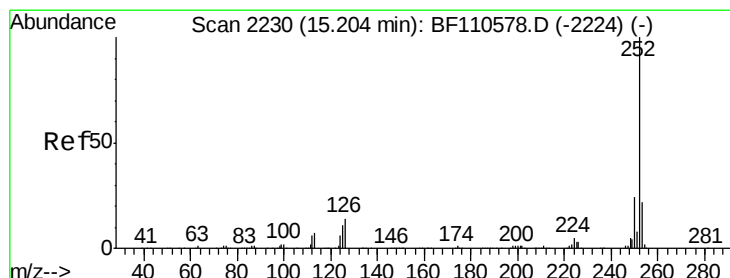
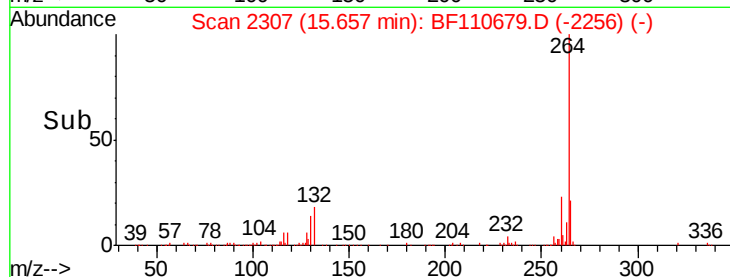
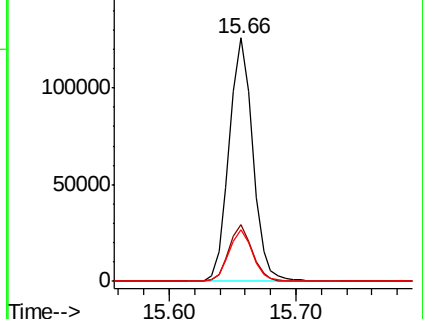
265 21.3 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.115 ng

RT: 15.20 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

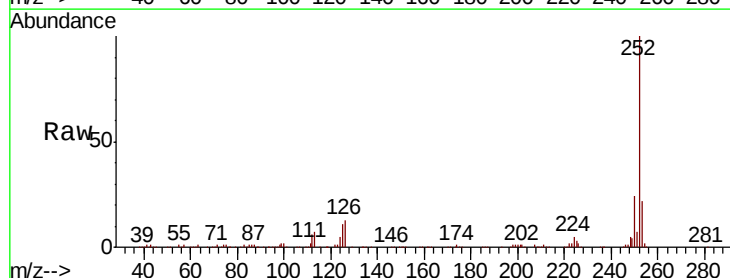
Tgt Ion:252 Resp: 488297

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

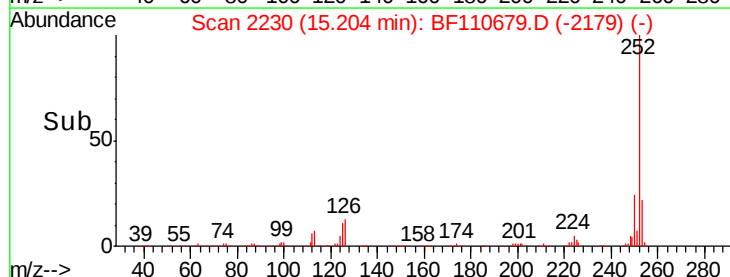
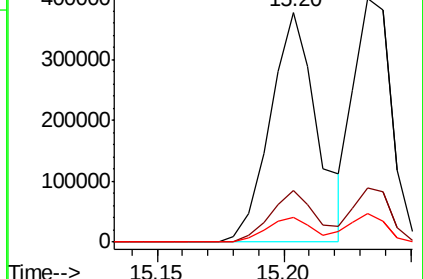
125 11.0 8.2 12.4

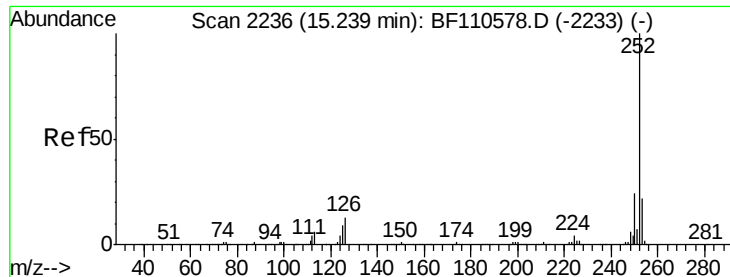


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

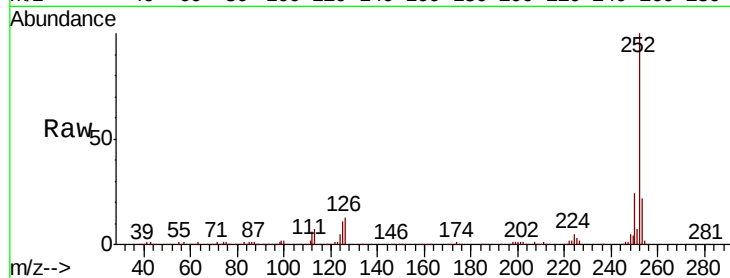




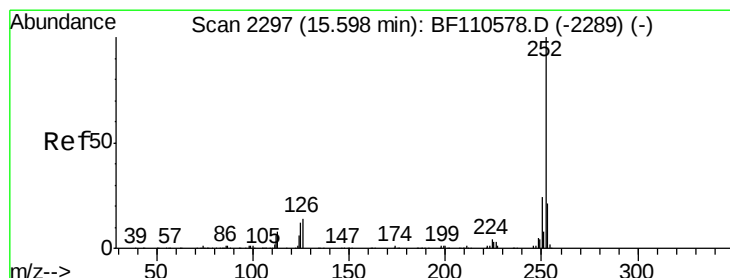
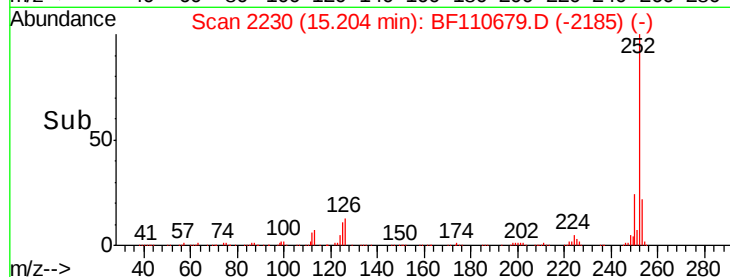
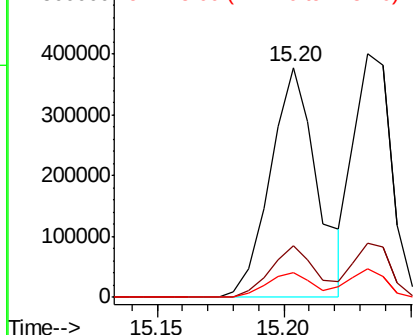
#89
Benzo(k)fluoranthene
Concen: 50.717 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:252 Resp: 488297
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.0 7.4 11.0

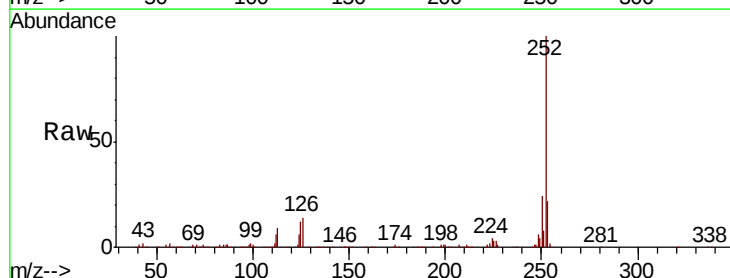


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

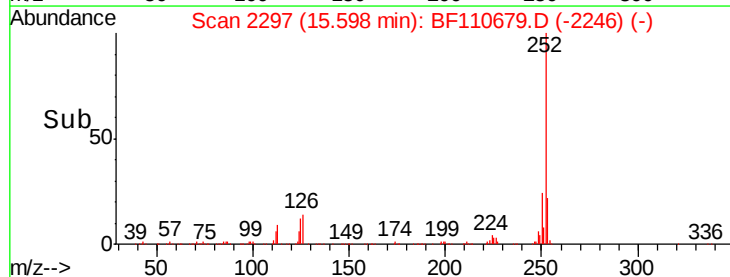
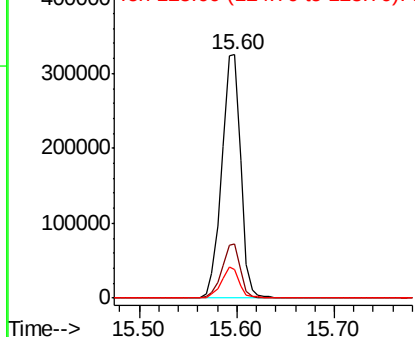


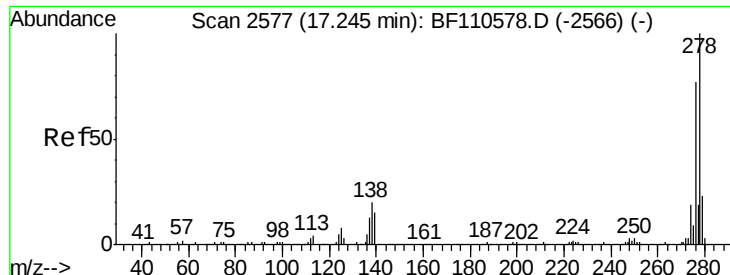
#90
Benzo(a)pyrene
Concen: 49.478 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion:252 Resp: 438020
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 11.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 57.793 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

MSVOA_V

ClientSampleId :

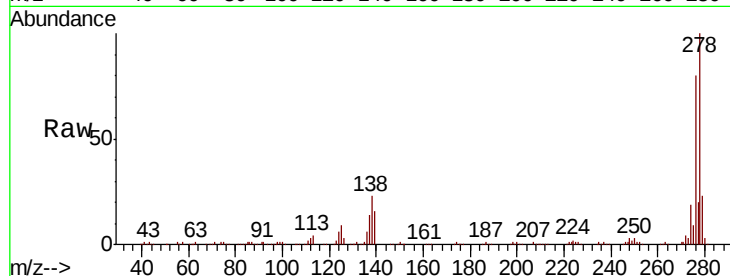
Tgt Ion:278 Resp: 432969

Ion Ratio Lower Upper

278 100

139 16.0 12.7 19.1

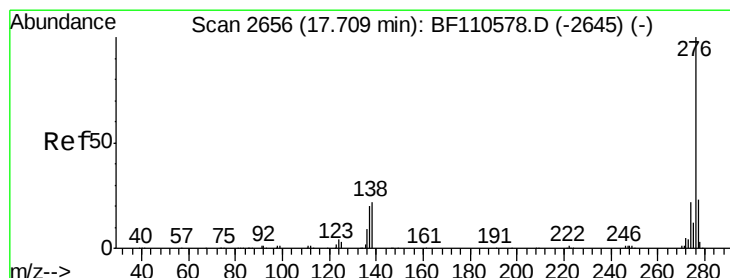
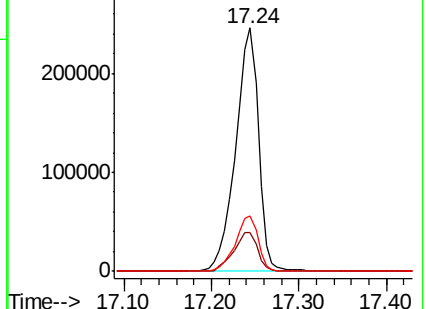
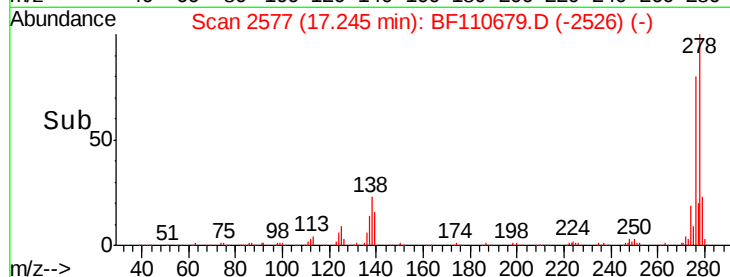
279 22.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 59.193 ng

RT: 17.72 min Scan# 2657

Delta R.T. 0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

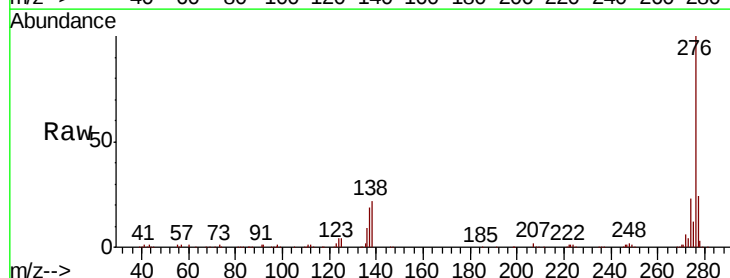
Tgt Ion:276 Resp: 439983

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 21.6 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

