

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110582.D
 Acq On : 8 Nov 2018 14:05
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:30:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80494	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	341042	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	162500	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	302139	20.00	ng	0.00
76) Chrysene-d12	14.14	240	228125	20.00	ng	0.00
87) Perylene-d12	15.66	264	164189	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	406669	82.06	ng	0.00
7) Phenol-d6	6.57	99	509359	80.38	ng	0.00
23) Nitrobenzene-d5	7.52	82	480479	81.14	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	130916	79.95	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	890365	78.25	ng	0.00
79) Terphenyl-d14	13.07	244	906415	74.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	100661	40.77	ng	91
3) Pyridine	3.57	79	223211	41.88	ng	# 86
4) n-Nitrosodimethylamine	3.53	42	97348	42.57	ng	94
6) Aniline	6.62	93	324455	39.26	ng	# 54
8) 2-Chlorophenol	6.73	128	234638	40.39	ng	99
9) Benzaldehyde	6.50	77	138818	41.07	ng	94
10) Phenol	6.59	94	296521	40.35	ng	# 66
11) bis(2-Chloroethyl)ether	6.68	93	219373	39.84	ng	93
12) 1,3-Dichlorobenzene	6.89	146	255359	40.17	ng	98
13) 1,4-Dichlorobenzene	6.96	146	257500	39.89	ng	98
14) 1,2-Dichlorobenzene	7.12	146	243842	40.61	ng	98
15) Benzyl Alcohol	7.09	79	201701	40.67	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	346832	40.11	ng	69
17) 2-Methylphenol	7.19	107	187020	40.45	ng	# 82
18) Hexachloroethane	7.46	117	95603	40.12	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	162044	40.06	ng	95
20) 3+4-Methylphenols	7.35	107	239509	40.35	ng	92
22) Acetophenone	7.36	105	317822	39.99	ng	# 95
24) Nitrobenzene	7.53	77	243805	40.18	ng	95
25) Isophorone	7.77	82	390242	40.21	ng	97
26) 2-Nitrophenol	7.85	139	128103	42.32	ng	98
27) 2,4-Dimethylphenol	7.87	122	187132	40.59	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	262209	39.90	ng	99
29) 2,4-Dichlorophenol	8.09	162	193291	40.75	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	215109	40.22	ng	95
31) Naphthalene	8.25	128	635674	39.70	ng	99
32) Benzoic acid	8.01	122	143711	44.06	ng	91
33) 4-Chloroaniline	8.30	127	280437	38.67	ng	99
34) Hexachlorobutadiene	8.36	225	123391	40.39	ng	99
35) Caprolactam	8.69	113	65403	41.27	ng	95
36) 4-Chloro-3-methylphenol	8.78	107	208931	40.84	ng	96
37) 2-Methylnaphthalene	8.95	142	417820	39.81	ng	98
38) 1-Methylnaphthalene	9.05	142	403725	40.00	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	206546	40.15	ng	99

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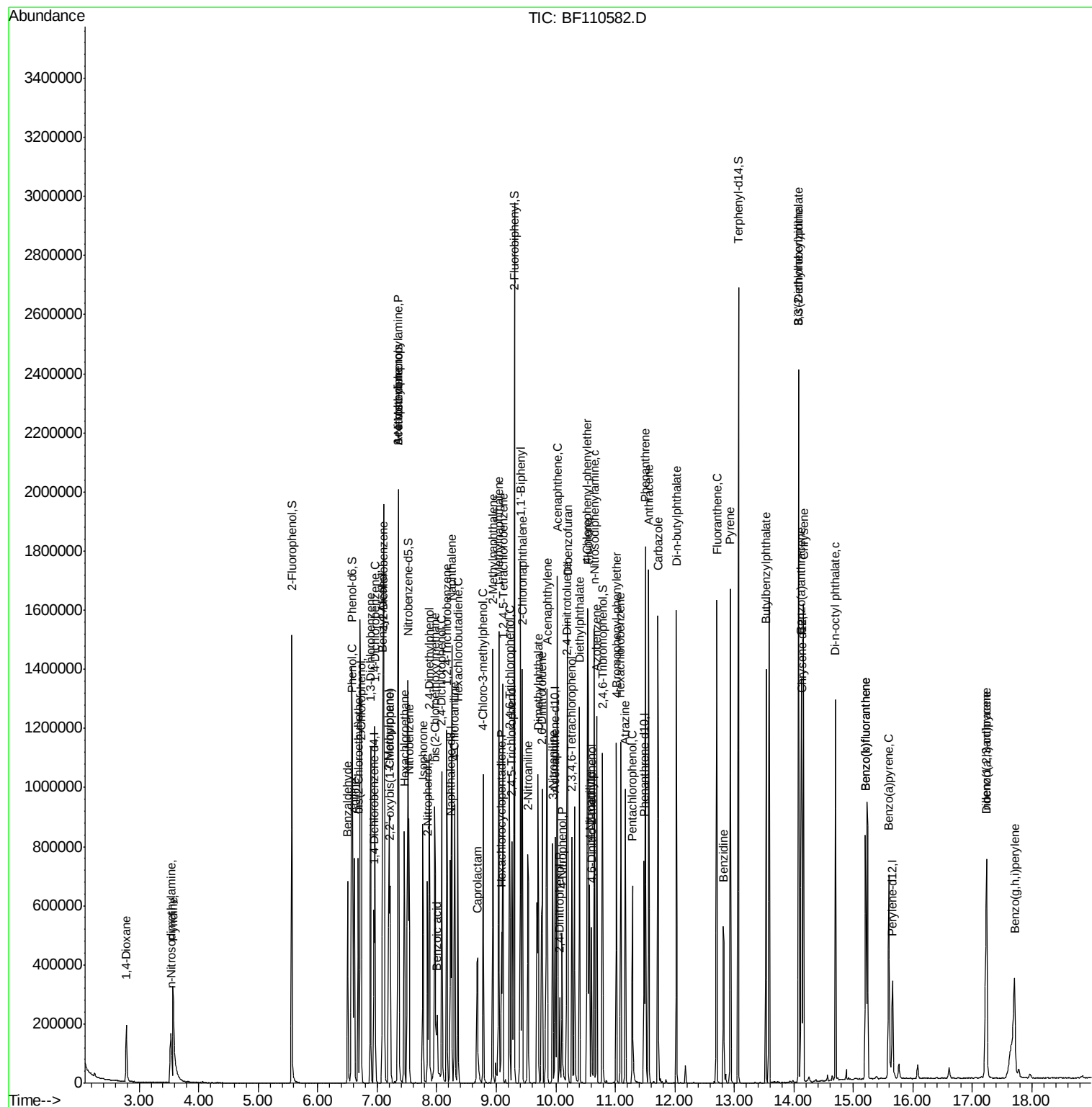
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	68995	38.75	ng	100
43) 2,4,6-Trichlorophenol	9.22	196	132476	40.98	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	137594	39.91	ng	95
46) 1,1'-Biphenyl	9.41	154	594294	39.20	ng	98
47) 2-Chloronaphthalene	9.44	162	435916	39.92	ng	98
48) 2-Nitroaniline	9.53	65	136767	40.64	ng	98
49) Acenaphthylene	9.86	152	625598	39.78	ng	99
50) Dimethylphthalate	9.70	163	478548	39.47	ng	99
51) 2,6-Dinitrotoluene	9.77	165	108549	40.70	ng	99
52) Acenaphthene	10.03	154	393319	39.57	ng	98
53) 3-Nitroaniline	9.95	138	124683	40.35	ng	89
54) 2,4-Dinitrophenol	10.06	184	37384	37.82	ng	90
55) Dibenzofuran	10.20	168	575326	39.56	ng	98
56) 4-Nitrophenol	10.10	139	85707	41.81	ng	94
57) 2,4-Dinitrotoluene	10.19	165	142131	40.98	ng	88
58) Fluorene	10.54	166	440162	39.41	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	109756	40.46	ng	97
60) Diethylphthalate	10.40	149	471409	39.30	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	227412	39.32	ng	99
62) 4-Nitroaniline	10.57	138	123865	39.80	ng	94
63) Azobenzene	10.69	77	467232	39.92	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	64232	42.18	ng	92
66) n-Nitrosodiphenylamine	10.65	169	407276	39.99	ng	95
67) 4-Bromophenyl-phenylether	11.02	248	134989	40.43	ng	97
68) Hexachlorobenzene	11.09	284	141980	40.33	ng	# 92
69) Atrazine	11.17	200	121565	39.04	ng	97
70) Pentachlorophenol	11.29	266	77660	41.34	ng	97
71) Phenanthrene	11.51	178	637578	39.39	ng	99
72) Anthracene	11.56	178	649423	39.77	ng	98
73) Carbazole	11.72	167	628777	40.10	ng	100
74) Di-n-butylphthalate	12.03	149	744566	40.49	ng	99
75) Fluoranthene	12.70	202	659637	40.65	ng	99
77) Benzidine	12.82	184	211066	33.64	ng	99
78) Pyrene	12.93	202	666306	37.93	ng	99
80) Butylbenzylphthalate	13.53	149	305875	40.46	ng	96
81) Benzo(a)anthracene	14.13	228	543415	39.85	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	176577	38.66	ng	98
83) Chrysene	14.16	228	507254	39.05	ng	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	386950	41.26	ng	97
85) Di-n-octyl phthalate	14.70	149	598636	43.41	ng	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	355416	38.13	ng	98
88) Benzo(b)fluoranthene	15.20	252	410723	41.82	ng	100
89) Benzo(k)fluoranthene	15.20	252	410723	42.32	ng	99
90) Benzo(a)pyrene	15.60	252	359382	40.27	ng	99
91) Dibenzo(a,h)anthracene	17.24	278	297701	39.42	ng	99
92) Benzo(g,h,i)perylene	17.71	276	293166	39.12	ng	99

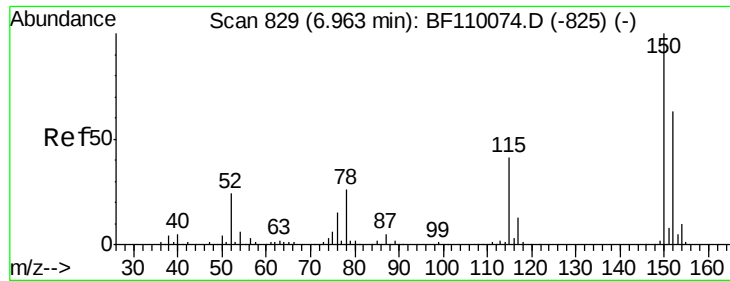
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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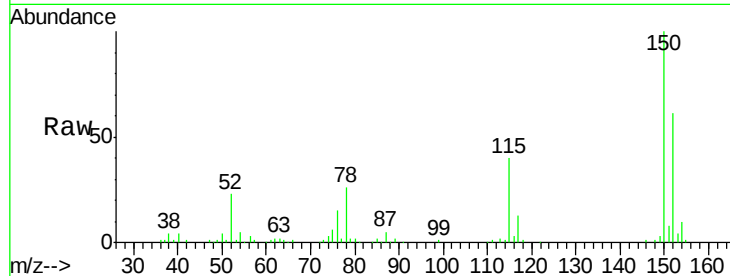


#1

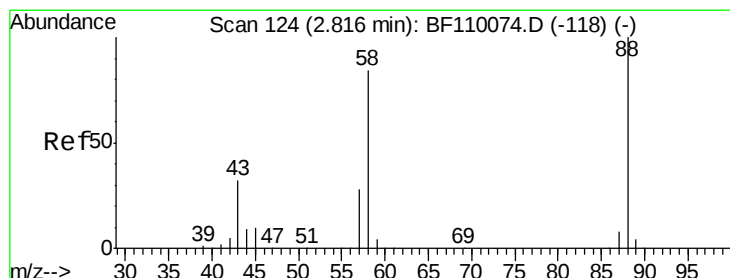
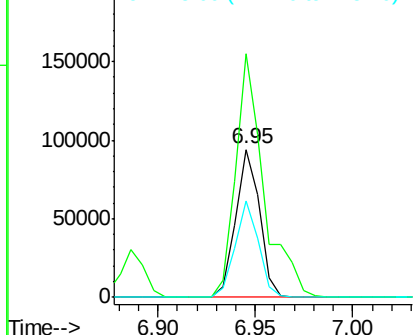
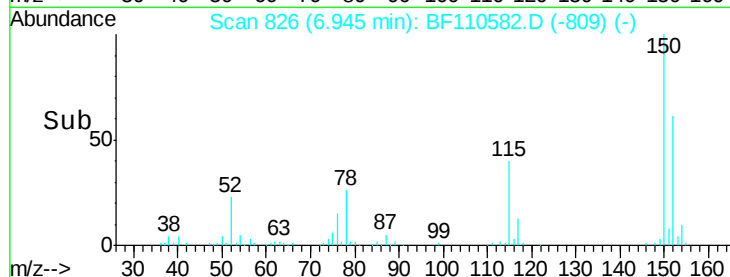
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80494
Ion Ratio Lower Upper
152 100
150 164.5 122.7 184.1
115 65.0 49.1 73.7



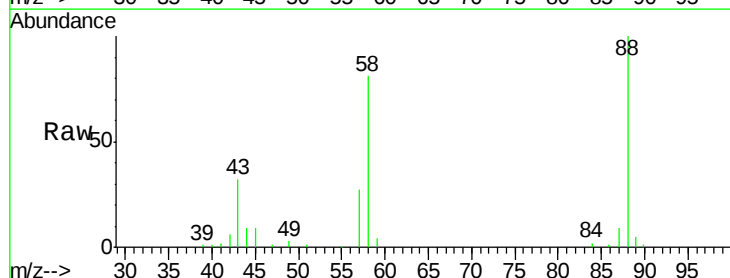
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



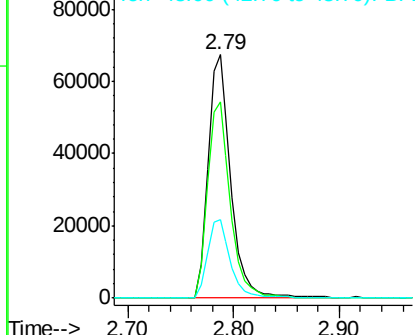
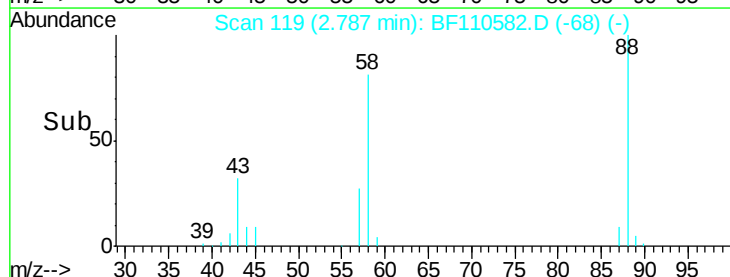
#2

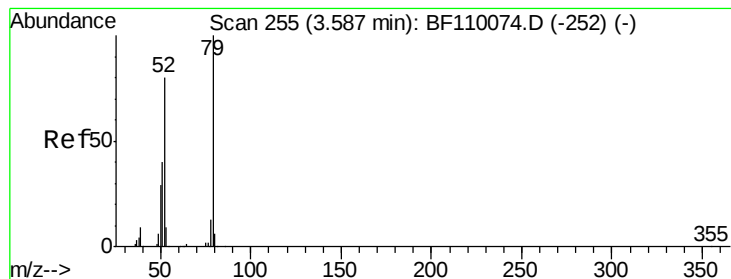
1,4-Dioxane
Concen: 40.77 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion: 88 Resp: 100661
Ion Ratio Lower Upper
88 100
58 80.8 57.1 85.7
43 32.4 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

Pvridine

Concen: 41.88 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

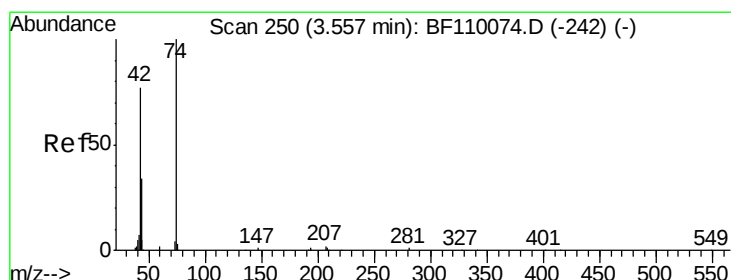
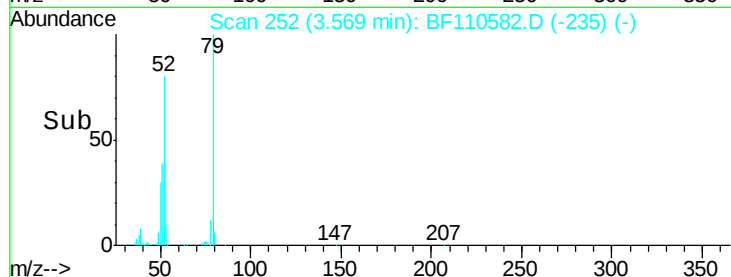
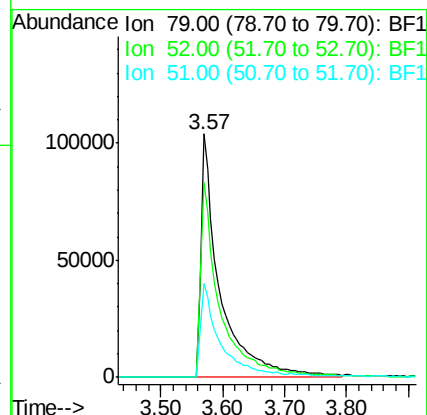
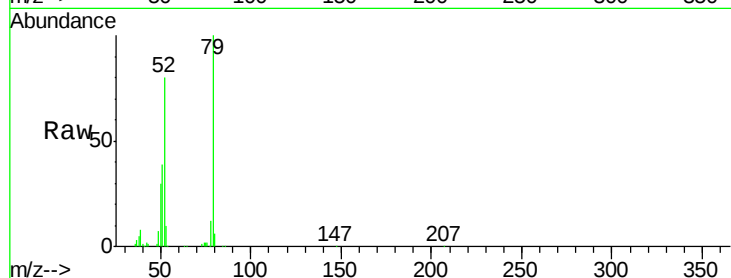
Tot Ion: 79 Resp: 223211

Ion Ratio Lower Upper

79 100

52 80.0 53.1 79.7#

51 38.7 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 42.57 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

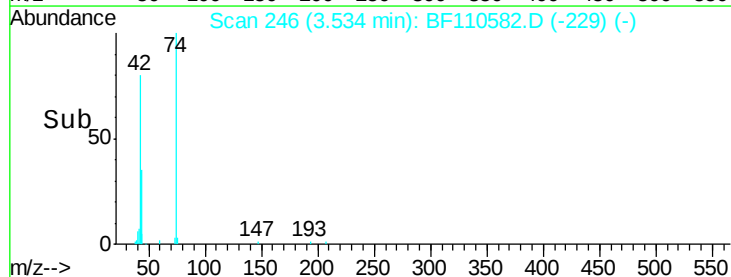
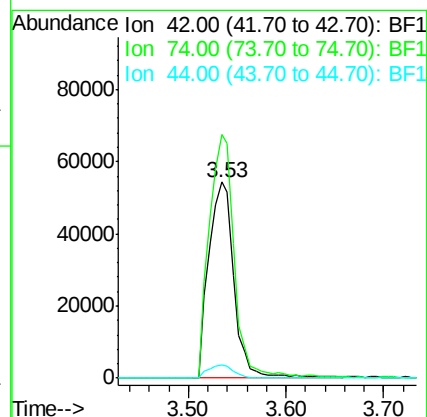
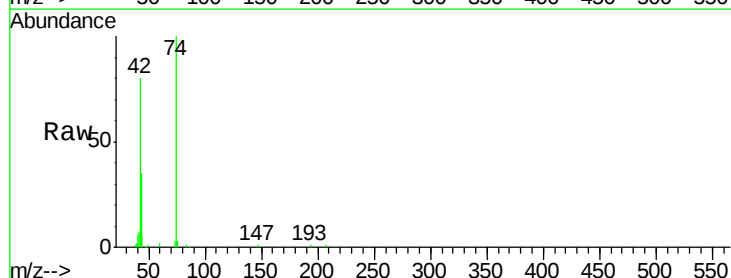
Tgt Ion: 42 Resp: 97348

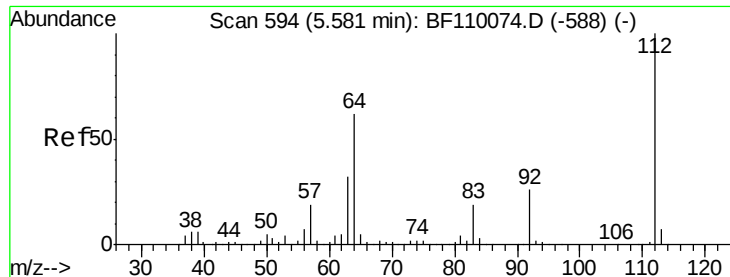
Ion Ratio Lower Upper

42 100

74 124.5 105.5 158.3

44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 82.06 ng

RT: 5.56 min Scan# 591

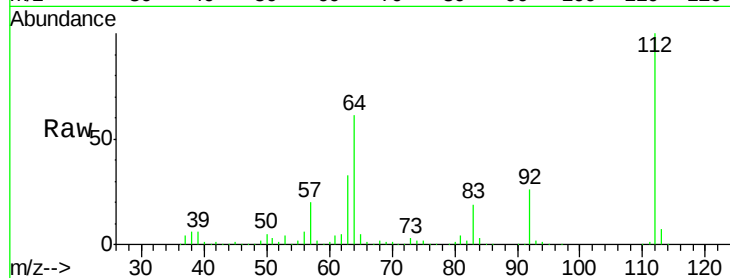
Delta R.T. 0.00 min

Lab File: BF110582.D

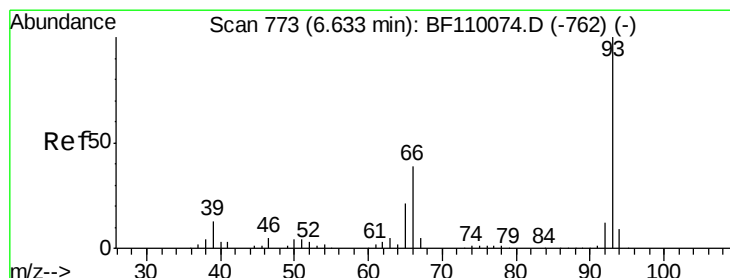
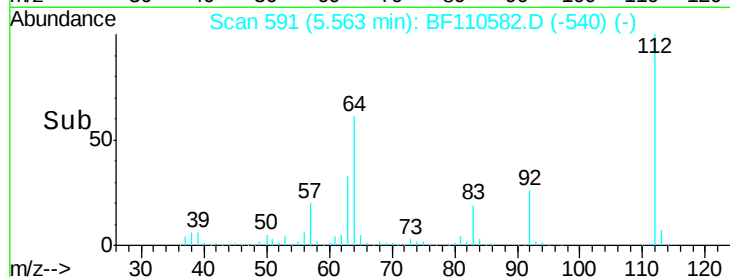
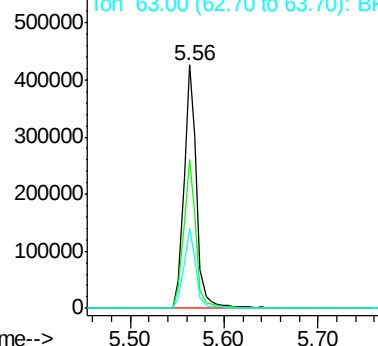
Acq: 8 Nov 2018 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	406669
Ion	Ratio	Lower	Upper
112	100		
64	61.3	44.1	66.1
63	32.5	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: 39.26 ng

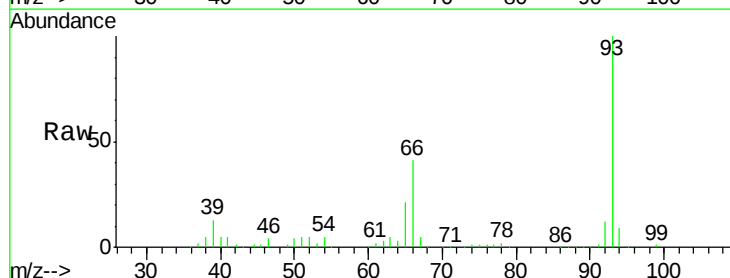
RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

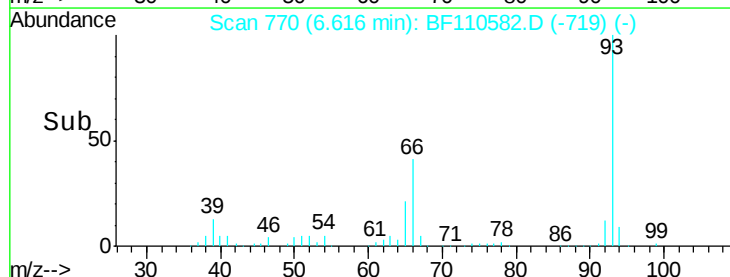
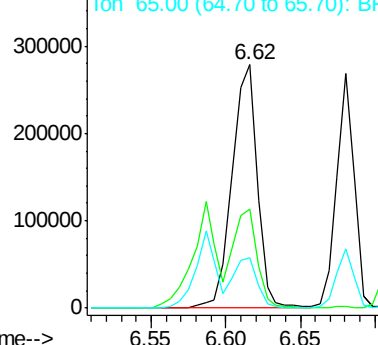
Lab File: BF110582.D

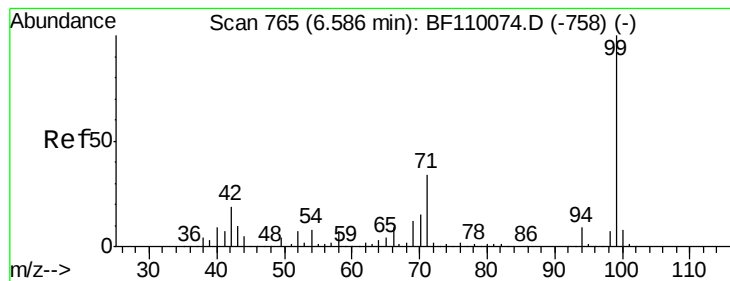
Acq: 8 Nov 2018 14:05

Tgt Ion:	93	Resp:	324455
Ion	Ratio	Lower	Upper
93	100		
66	40.7	67.4	101.0#
65	20.6	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: 80.38 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

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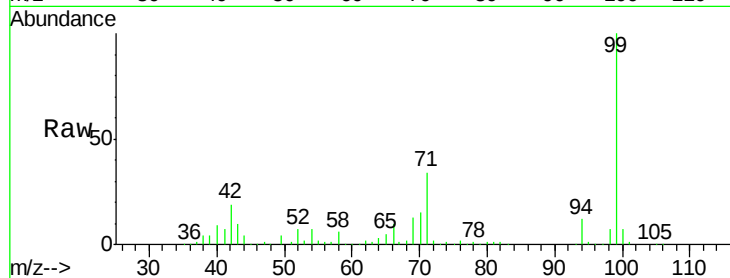
Tot Ion: 99 Resp: 509359

Ion Ratio Lower Upper

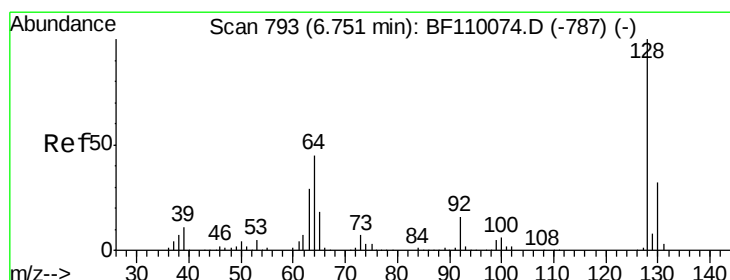
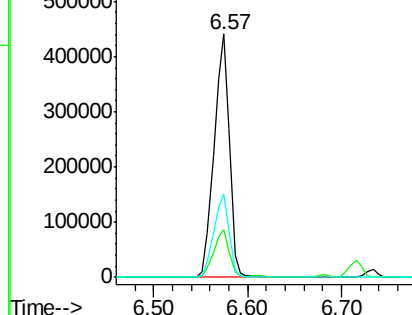
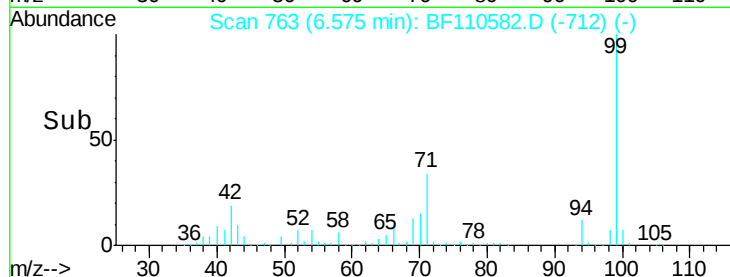
99 100

42 19.4 15.8 23.6

71 34.3 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: 40.39 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

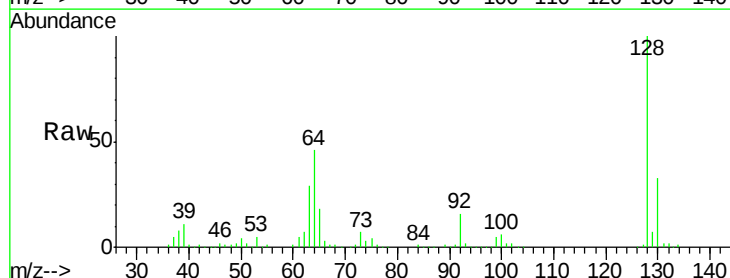
Tgt Ion: 128 Resp: 234638

Ion Ratio Lower Upper

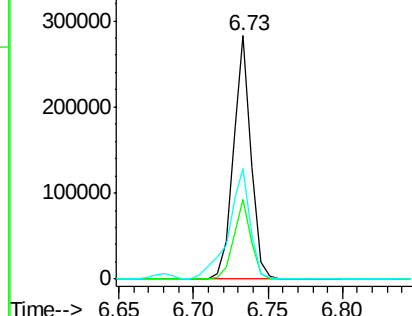
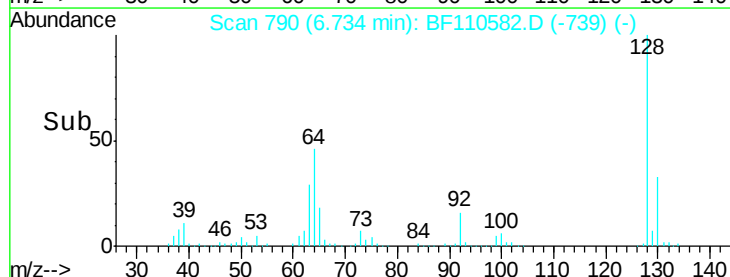
128 100

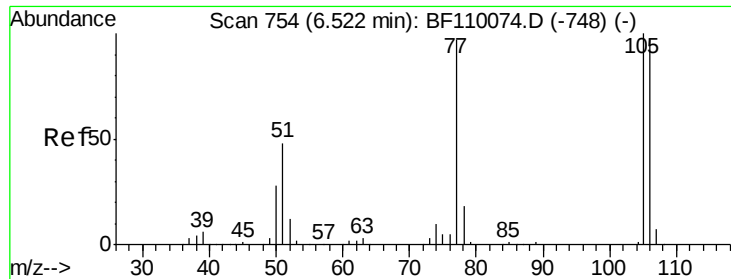
130 32.7 13.1 53.1

64 45.6 26.0 66.0



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





#9

Benzaldehyde

Concen: 41.07 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

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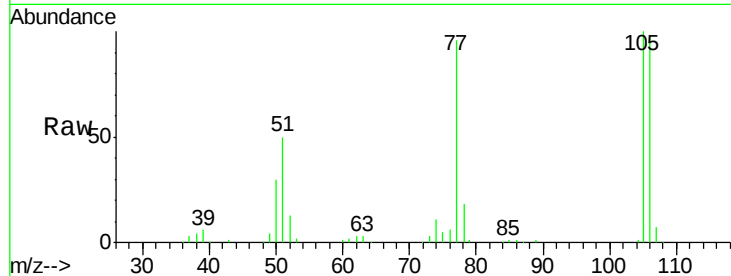
Tot Ion: 77 Resp: 138818

Ion Ratio Lower Upper

77 100

105 104.3 78.6 118.6

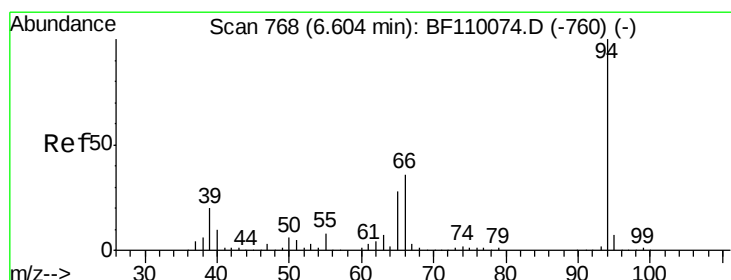
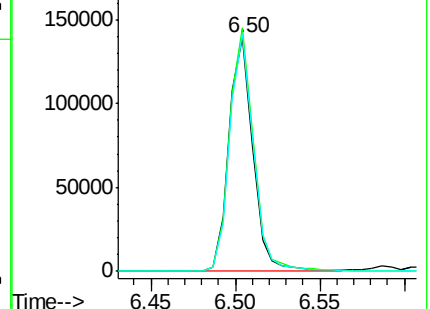
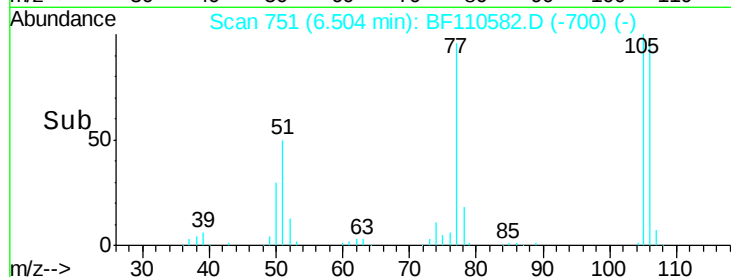
106 101.7 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.35 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

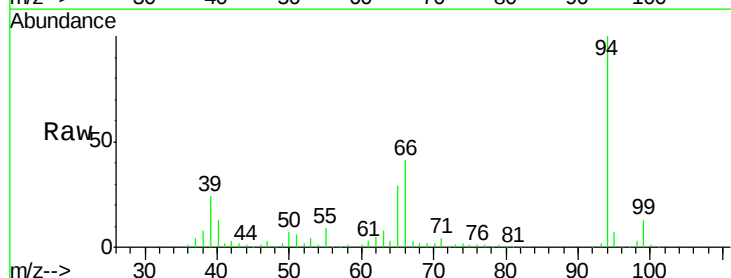
Tgt Ion: 94 Resp: 296521

Ion Ratio Lower Upper

94 100

65 29.2 25.3 65.3

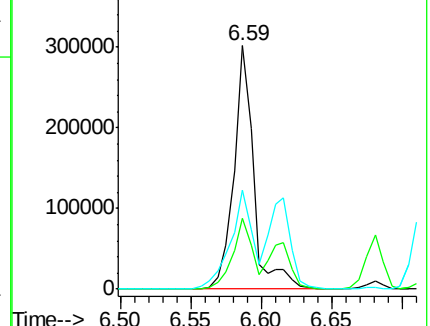
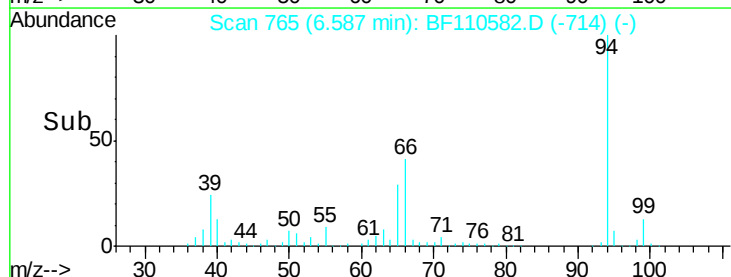
66 40.5 54.5 94.5#

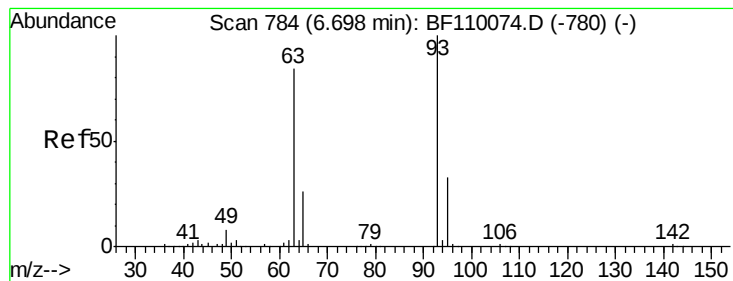


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.84 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

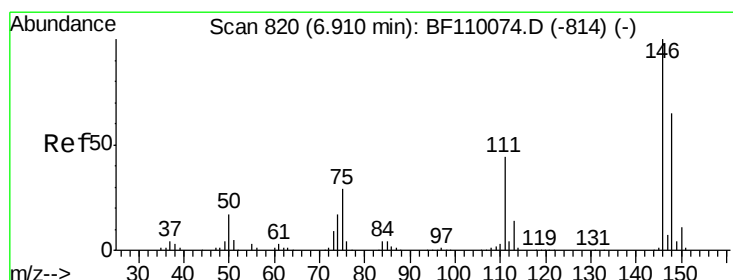
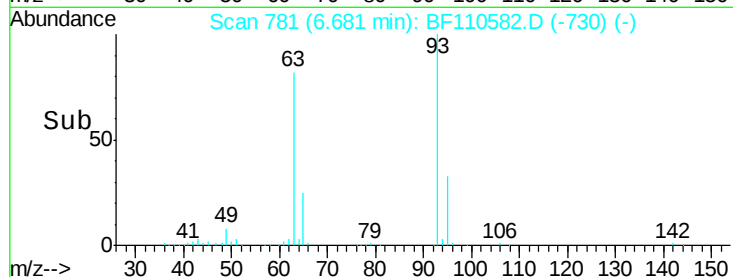
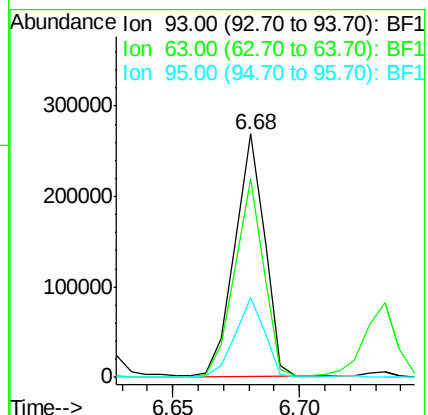
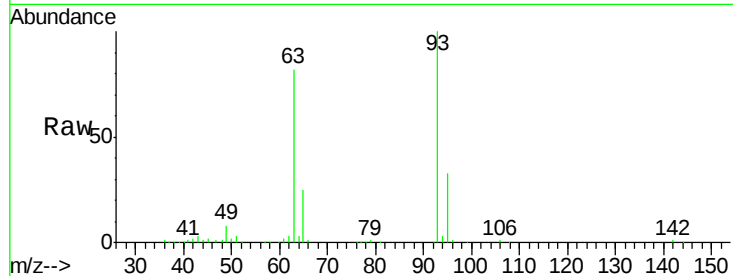
Tot Ion: 93 Resp: 219373

Ion Ratio Lower Upper

93 100

63 81.6 53.4 93.4

95 32.9 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 40.17 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

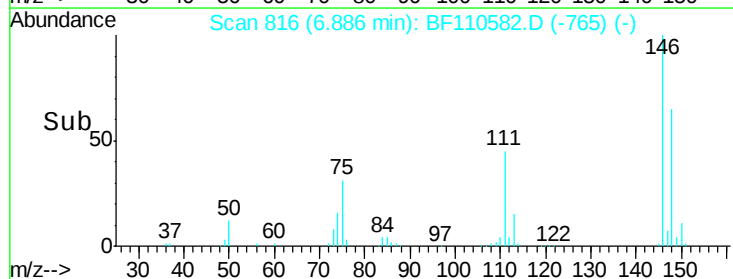
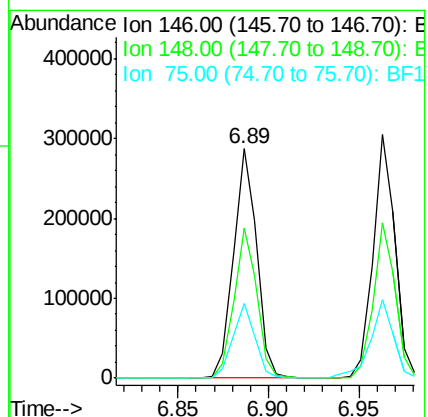
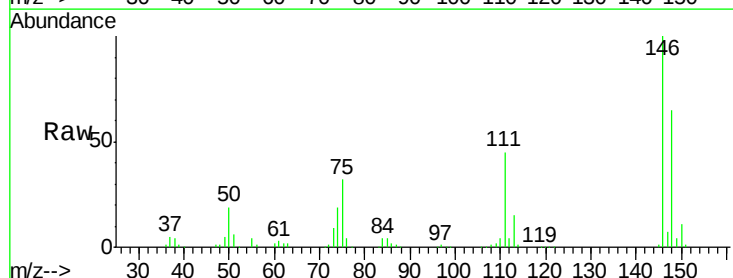
Tgt Ion: 146 Resp: 255359

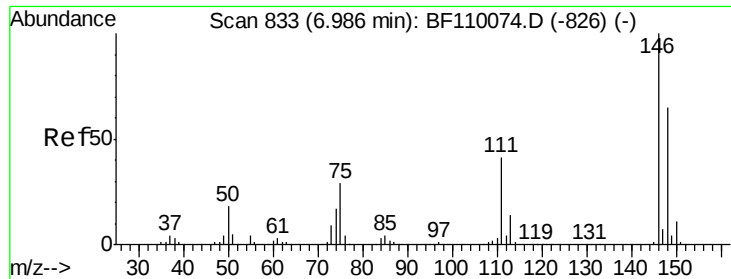
Ion Ratio Lower Upper

146 100

148 65.2 50.4 75.6

75 32.4 25.8 38.6

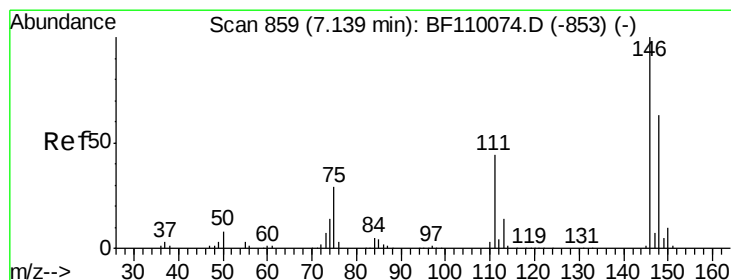
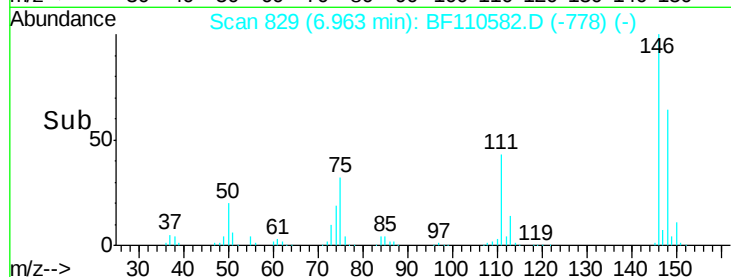
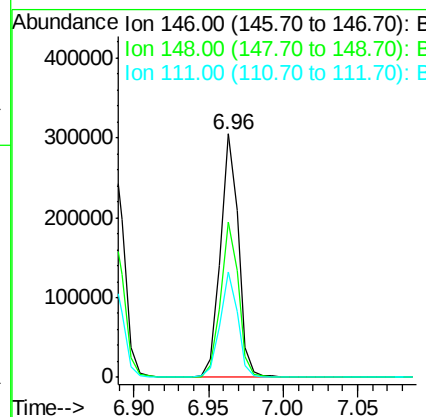
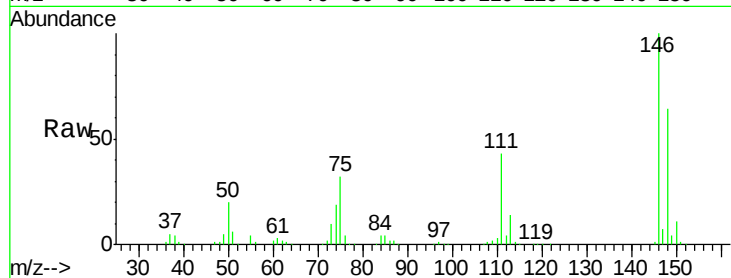




#13
 1,4-Dichlorobenzene
 Concen: 39.89 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

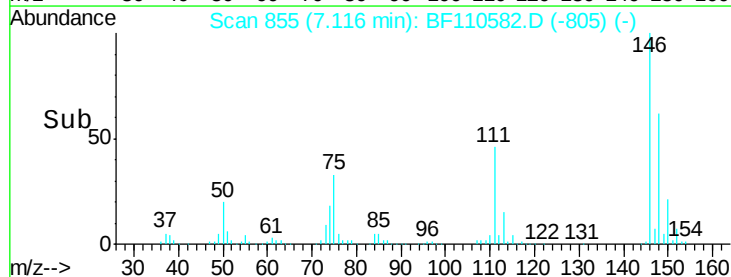
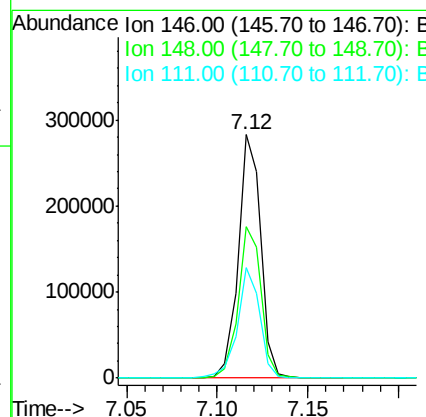
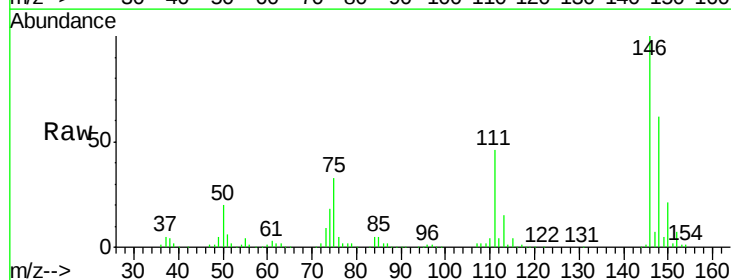
Instrument :
 BNA_F
 ClientSampleId :

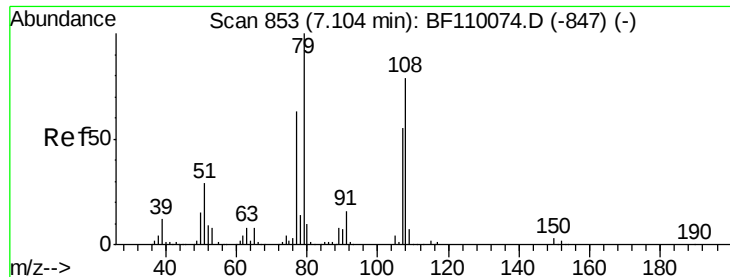
Tot Ion:146 Resp: 257500
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.3 75.5
 111 43.4 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.61 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Tgt Ion:146 Resp: 243842
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.1 76.7
 111 45.6 35.8 53.6





#15

Benzyl Alcohol

Concen: 40.67 ng

RT: 7.09 min Scan# 850

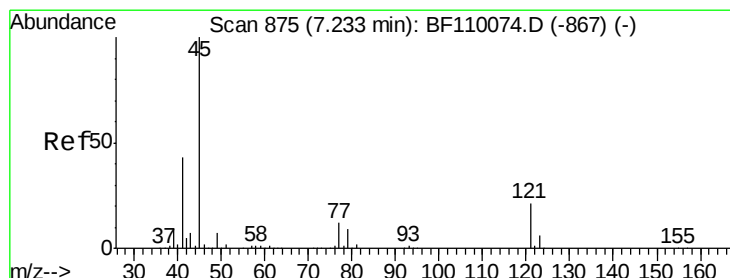
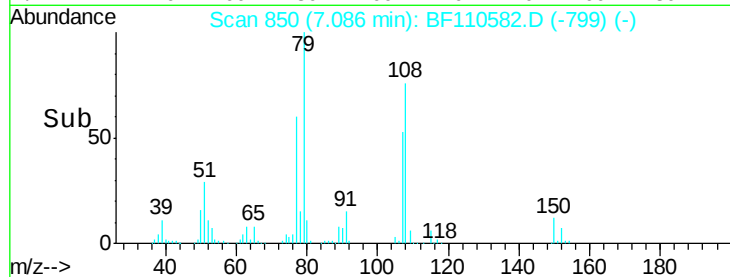
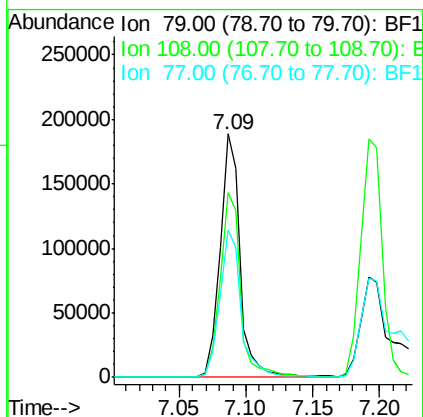
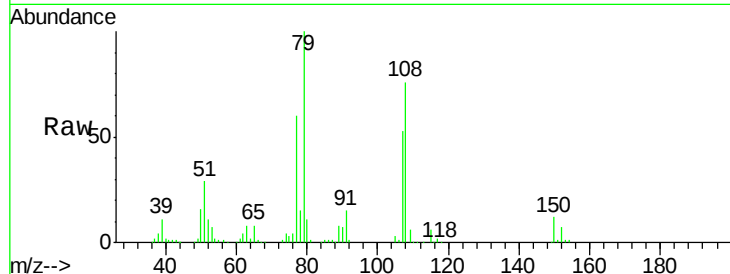
Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	79	Resp:	201701
Ion	Ratio	Lower	Upper
79	100		
108	76.0	56.3	84.5
77	60.5	52.9	79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.11 ng

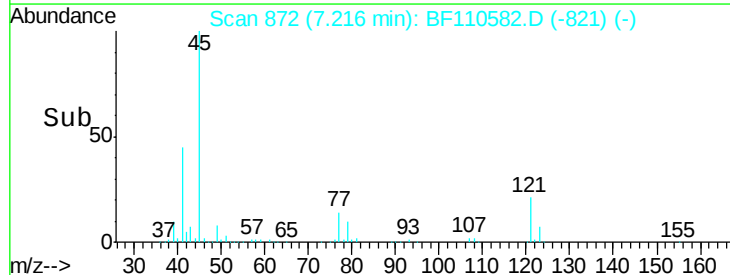
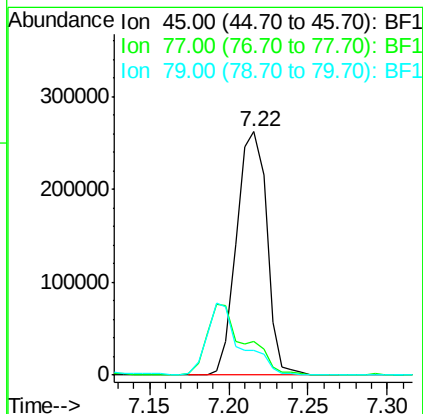
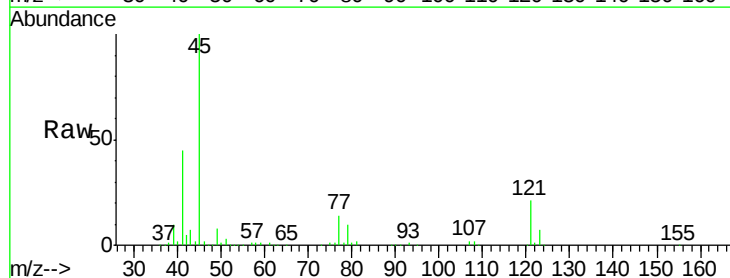
RT: 7.22 min Scan# 872

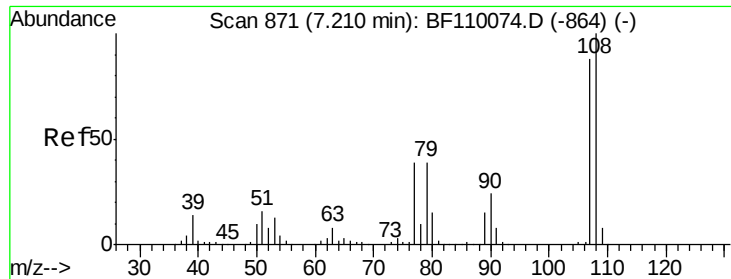
Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Tgt Ion:	45	Resp:	346832
Ion	Ratio	Lower	Upper
45	100		
77	13.6	10.0	50.0
79	10.1	6.1	46.1





#17

2-Methylphenol

Concen: 40.45 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 187020

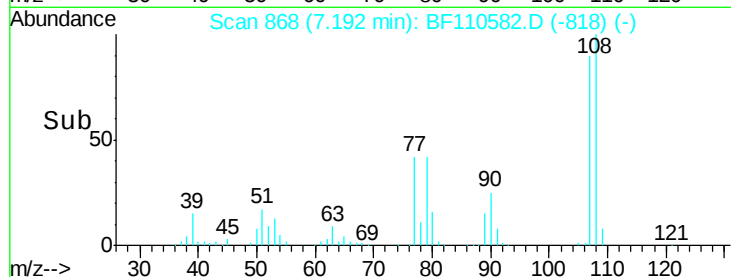
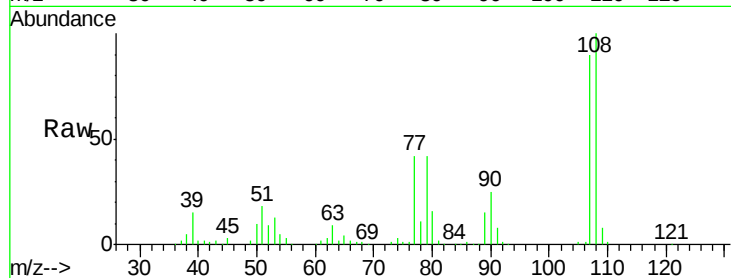
Ion Ratio Lower Upper

107 100

108 110.8 92.6 138.8

77 46.0 59.4 89.2#

79 46.5 54.0 81.0#

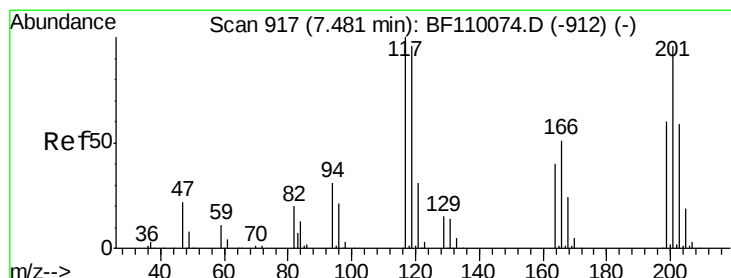
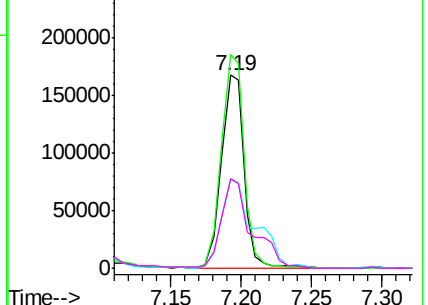


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.12 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

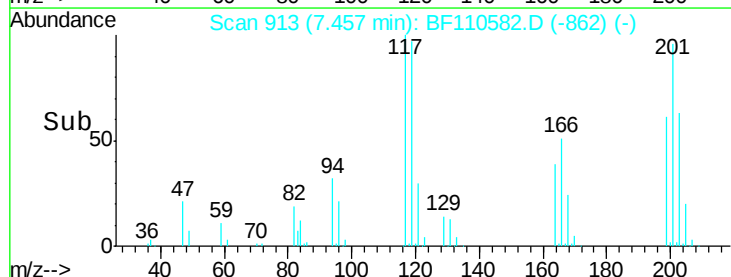
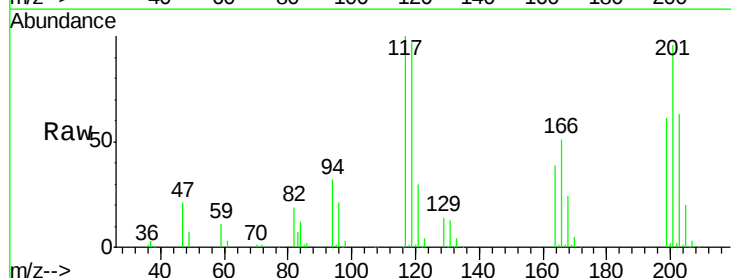
Tgt Ion:117 Resp: 95603

Ion Ratio Lower Upper

117 100

119 97.0 75.0 112.6

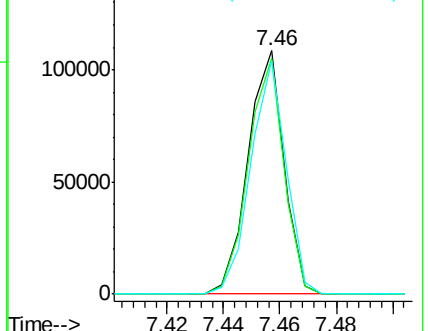
201 96.0 79.2 118.8

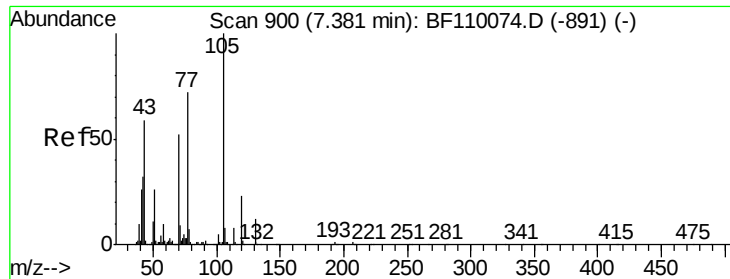


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

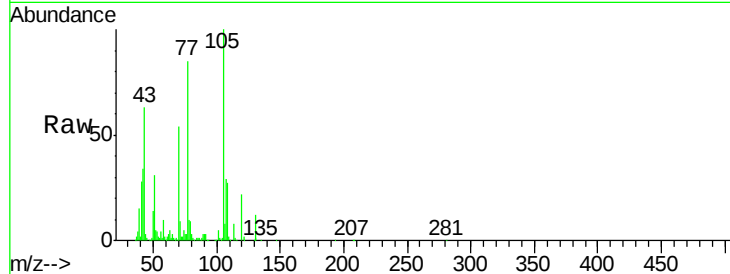




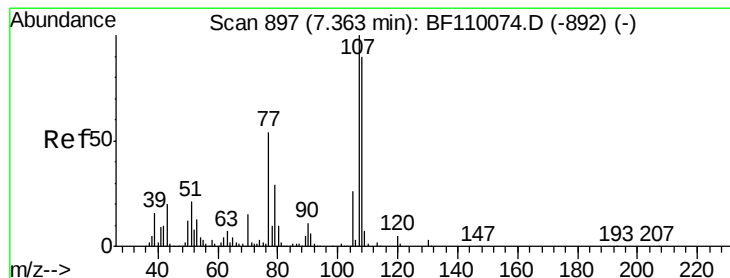
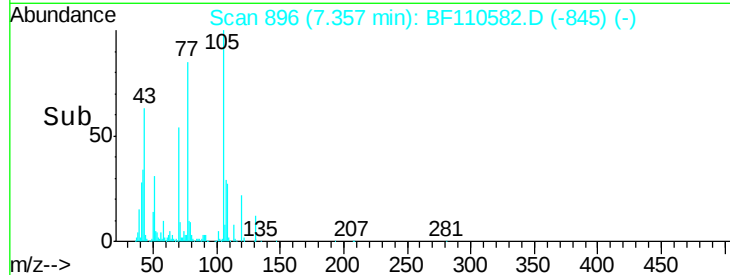
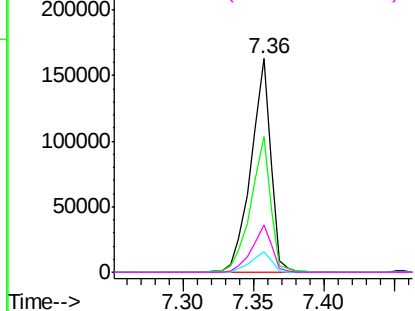
#19
n-Nitroso-di-n-propylamine
Concen: 40.06 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 162044
Ion Ratio Lower Upper
70 100
42 63.6 47.4 71.2
101 9.7 7.3 10.9
130 22.4 16.2 24.2



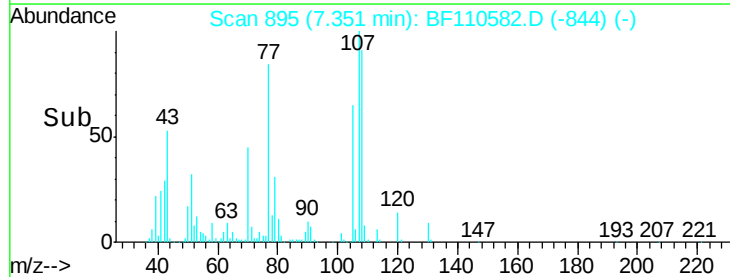
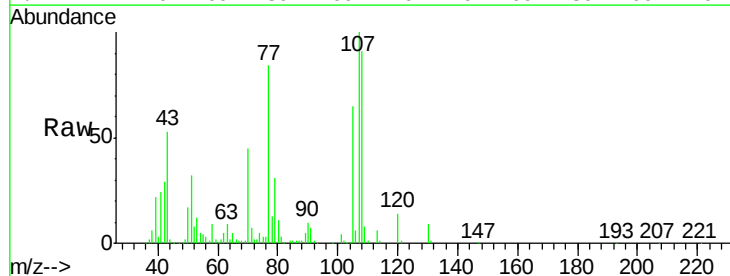
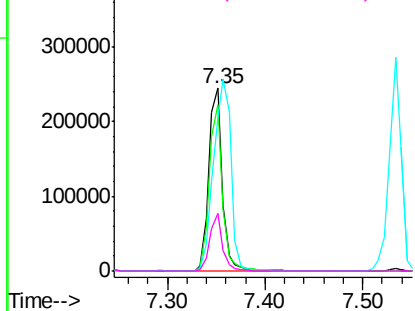
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

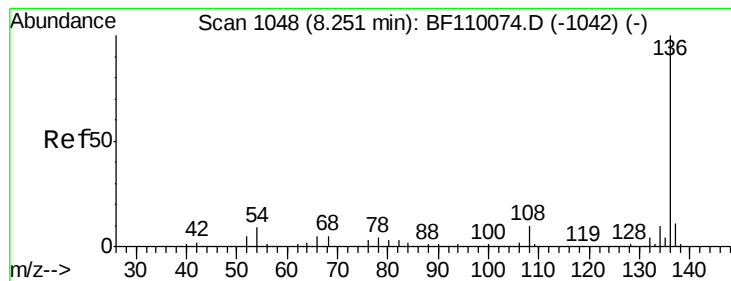


#20
3+4-Methylphenols
Concen: 40.35 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion:107 Resp: 239509
Ion Ratio Lower Upper
107 100
108 90.9 71.4 111.4
77 84.1 47.3 87.3
79 31.2 10.9 50.9

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 341042

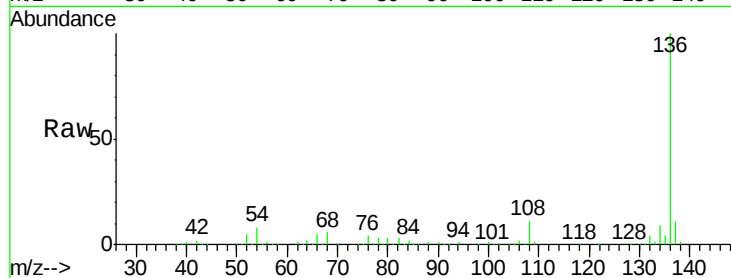
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.3 5.4 8.2#

68 5.7 4.2 6.2

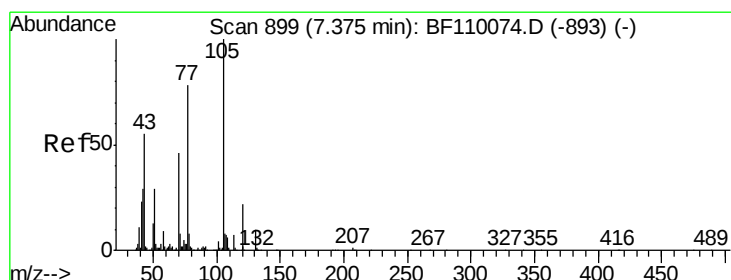
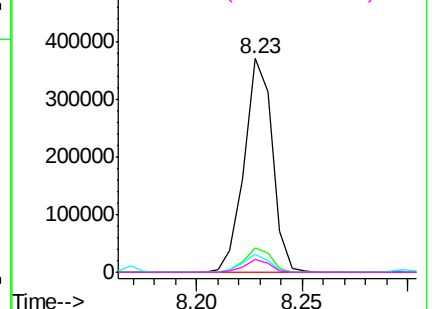
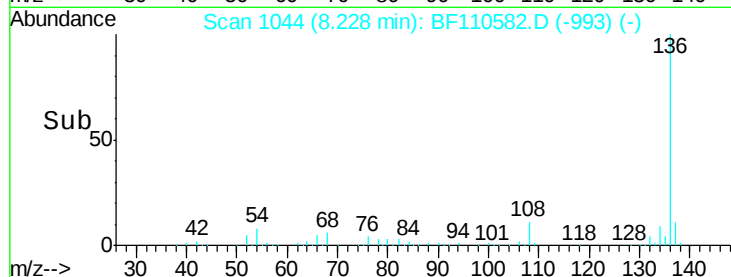


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.99 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Tgt Ion:105 Resp: 317822

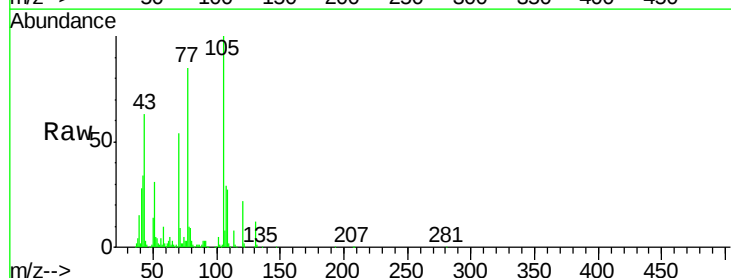
Ion Ratio Lower Upper

105 100

71 8.8 5.2 7.8#

51 31.4 21.8 32.8

120 22.0 17.0 25.4

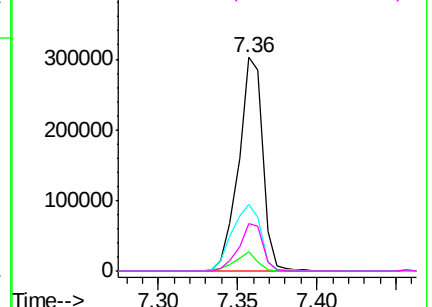
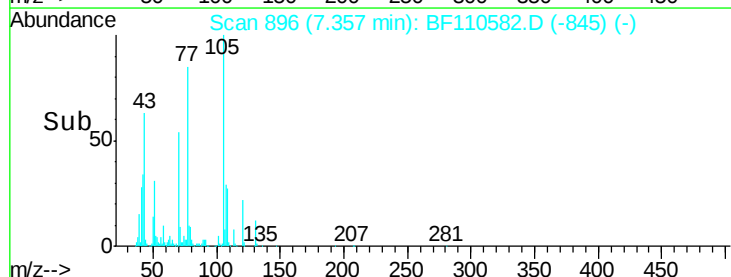


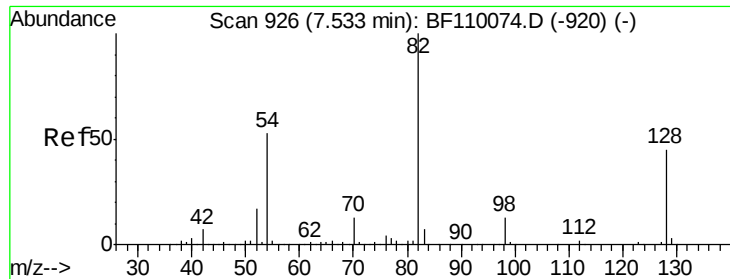
Abundance Ion 105.00 (104.70 to 105.70): E

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

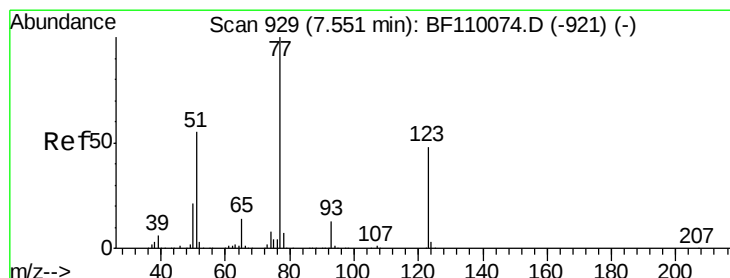
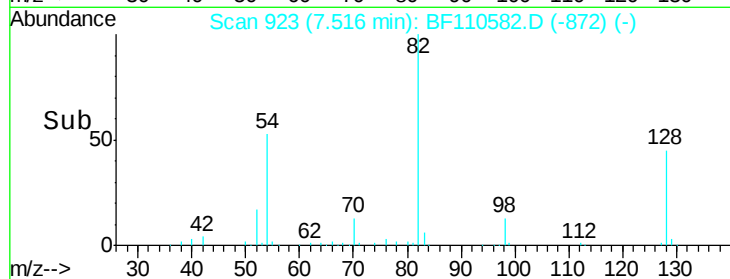
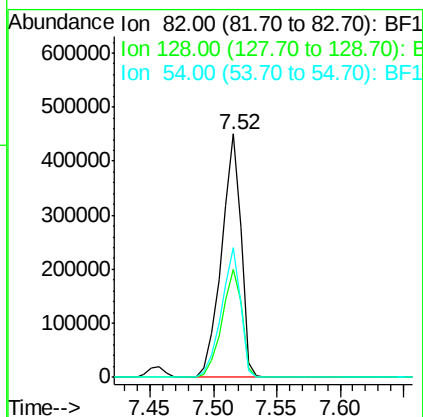
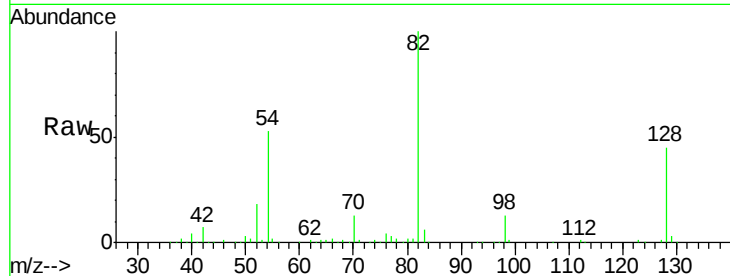




#23
Nitrobenzene-d5
Concen: 81.14 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

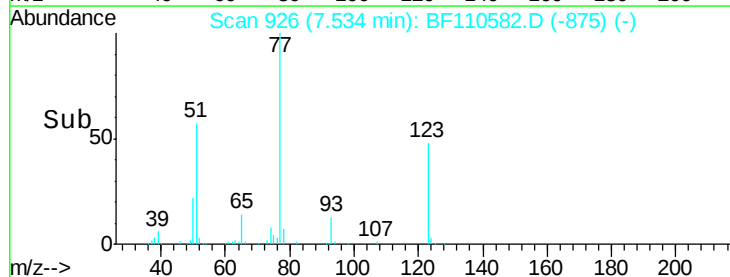
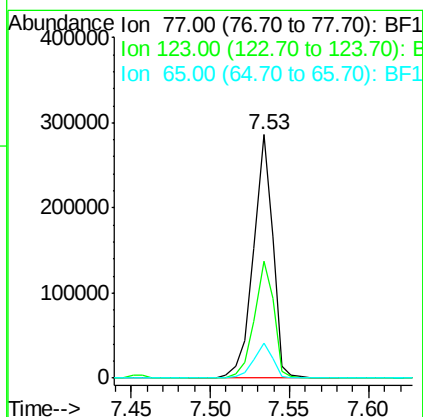
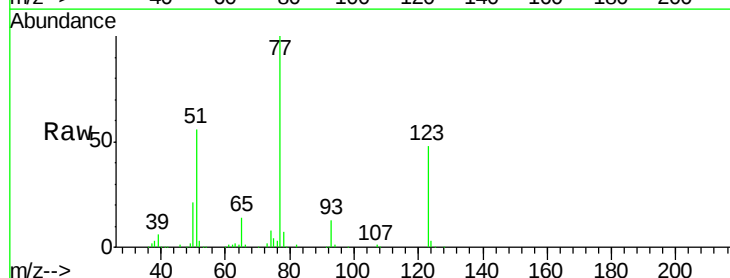
Instrument :
BNA_F
ClientSampleId :

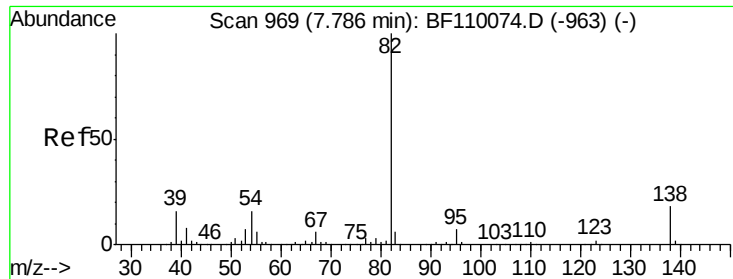
Tot Ion: 82 Resp: 480479
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.2
54 53.3 38.6 58.0



#24
Nitrobenzene
Concen: 40.18 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion: 77 Resp: 243805
Ion Ratio Lower Upper
77 100
123 48.0 35.7 53.5
65 14.3 10.7 16.1





#25

Isophorone

Concen: 40.21 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampled :

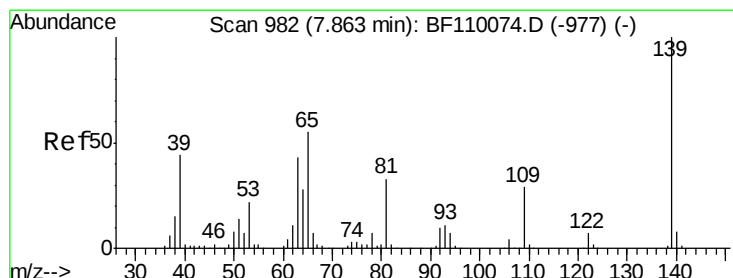
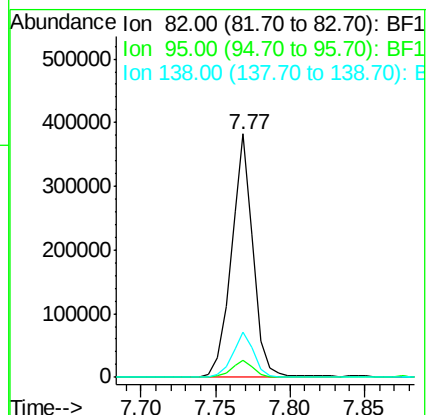
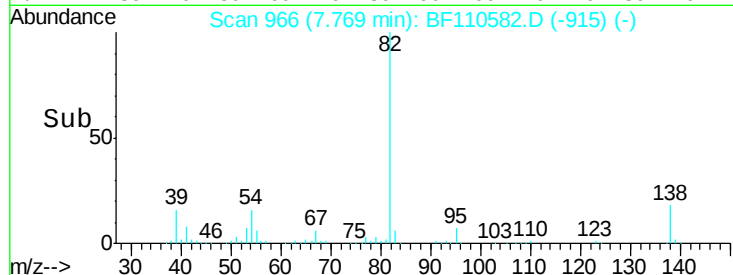
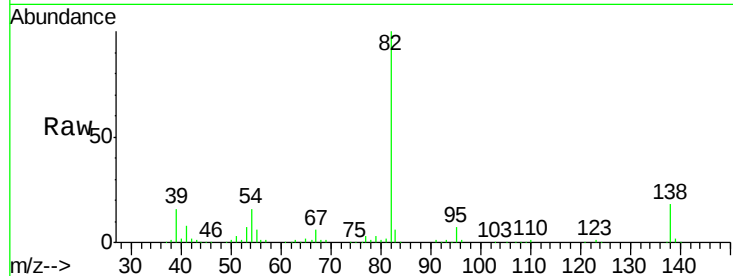
Tot Ion: 82 Resp: 390242

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 18.4 13.2 19.8



#26

2-Nitrophenol

Concen: 42.32 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

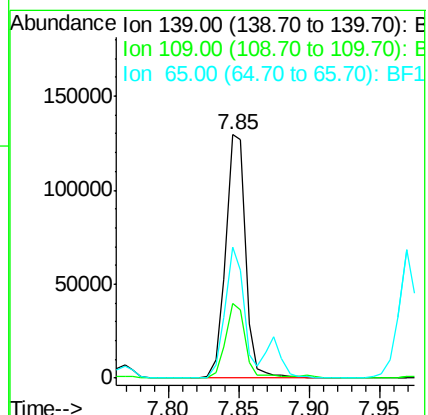
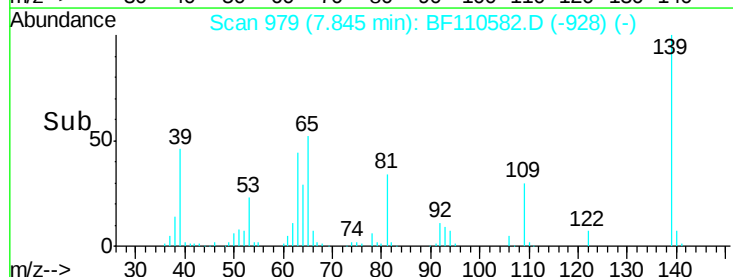
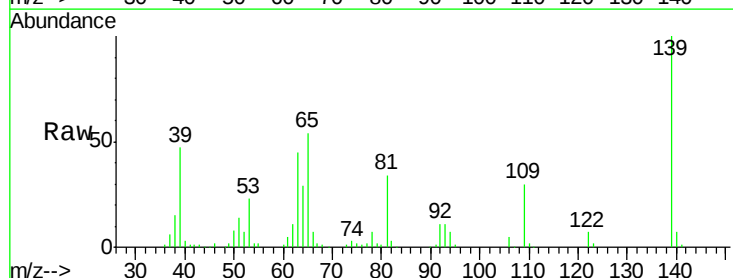
Tgt Ion: 139 Resp: 128103

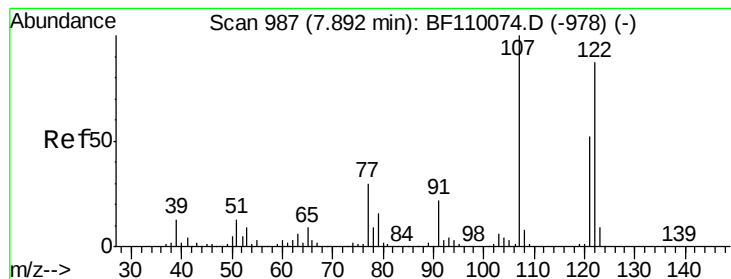
Ion Ratio Lower Upper

139 100

109 30.5 25.0 37.6

65 53.6 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 40.59 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

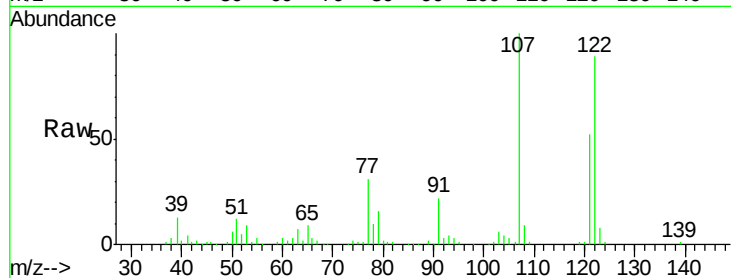
Tot Ion:122 Resp: 187132

Ion Ratio Lower Upper

122 100

107 112.4 92.5 138.7

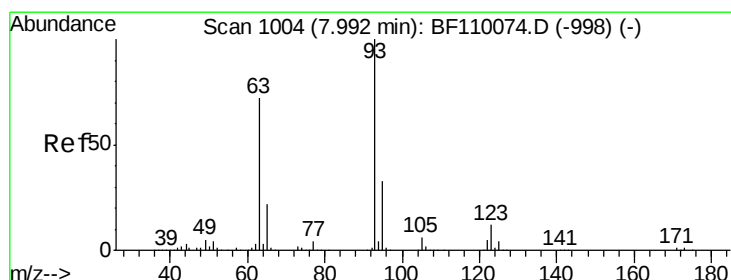
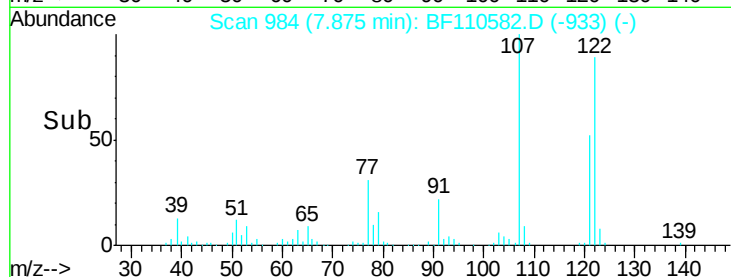
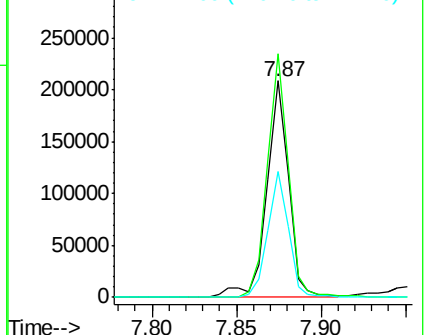
121 58.2 45.8 68.8



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: 39.90 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

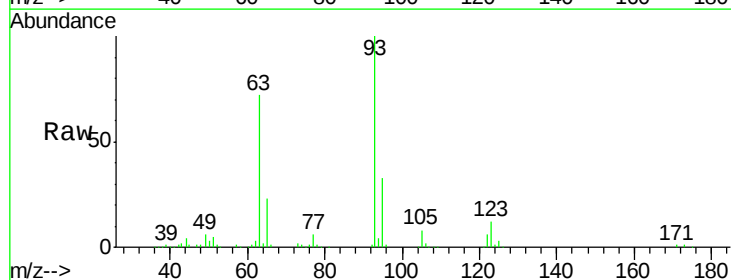
Tgt Ion: 93 Resp: 262209

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

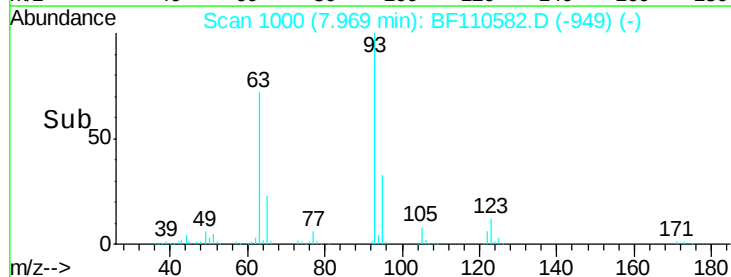
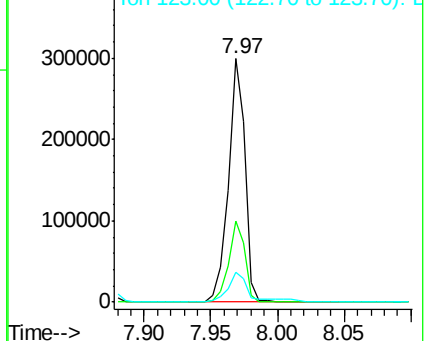
123 12.2 9.0 13.6

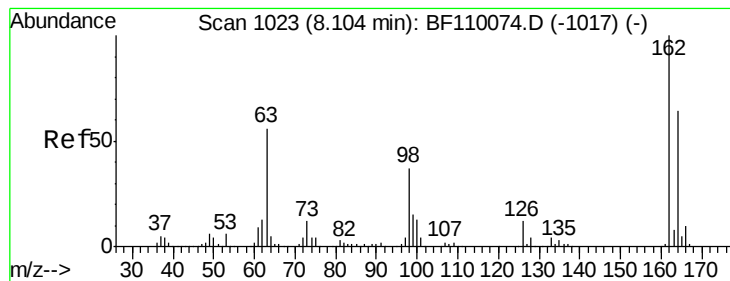


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.75 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampled :

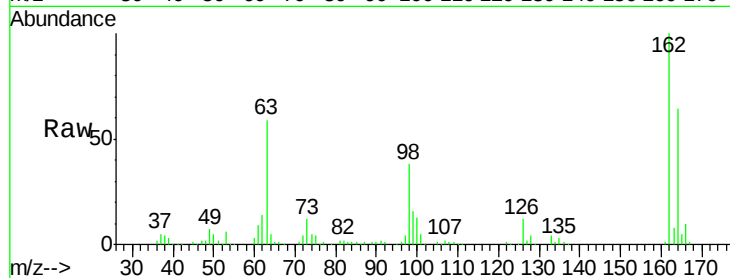
Tot Ion:162 Resp: 193291

Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

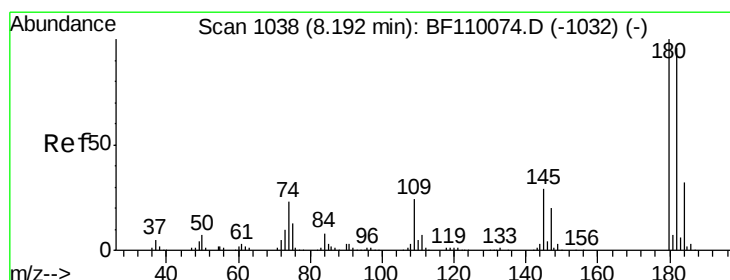
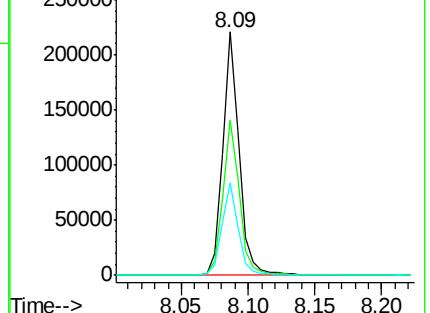
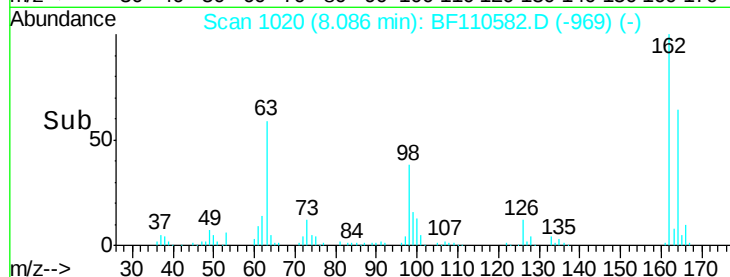
98 38.1 17.4 57.4



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: 40.22 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

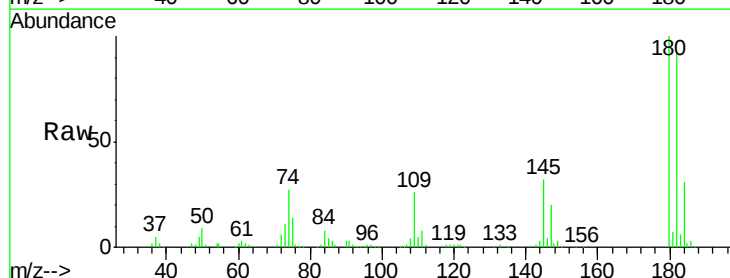
Tgt Ion:180 Resp: 215109

Ion Ratio Lower Upper

180 100

182 93.3 80.3 120.5

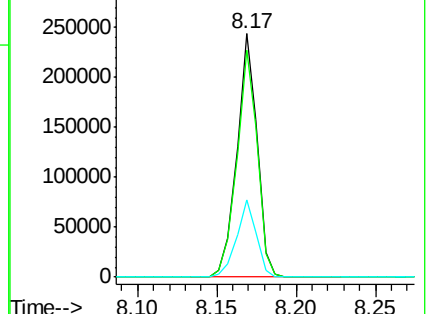
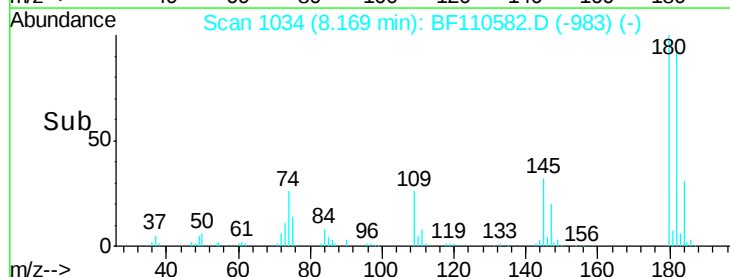
145 31.8 25.4 38.0

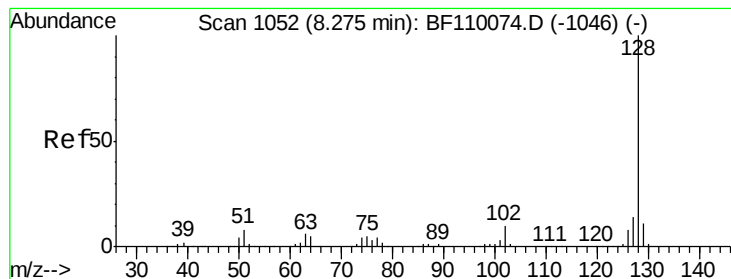


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.70 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampled :

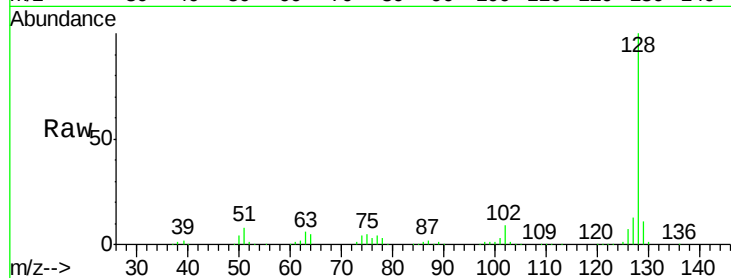
Tot Ion:128 Resp: 635674

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

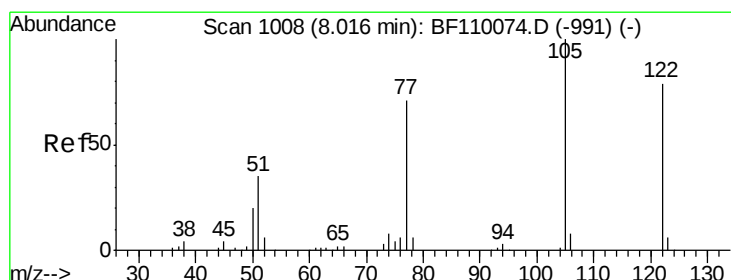
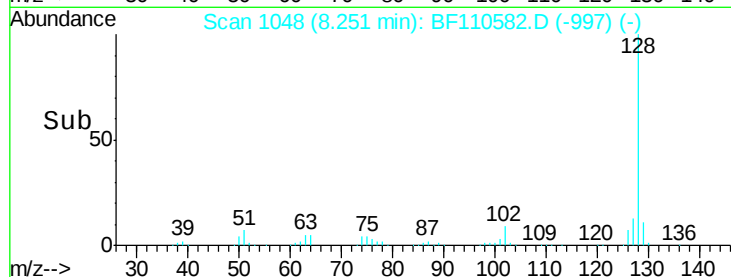
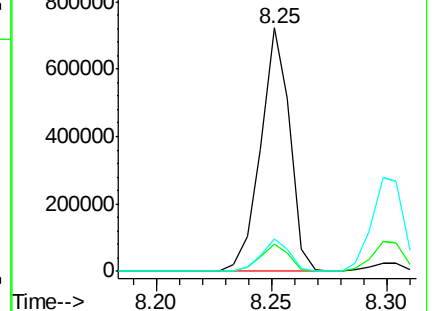
127 13.4 10.8 16.2



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: 44.06 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

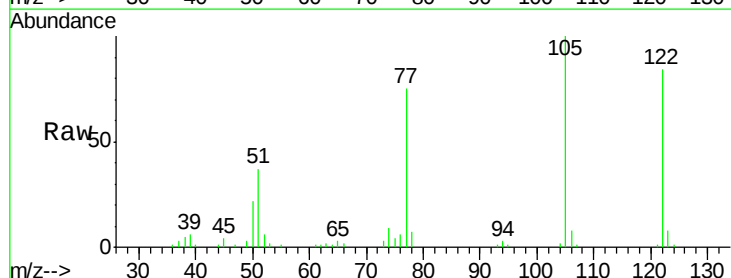
Tgt Ion:122 Resp: 143711

Ion Ratio Lower Upper

122 100

105 119.0 109.0 149.0

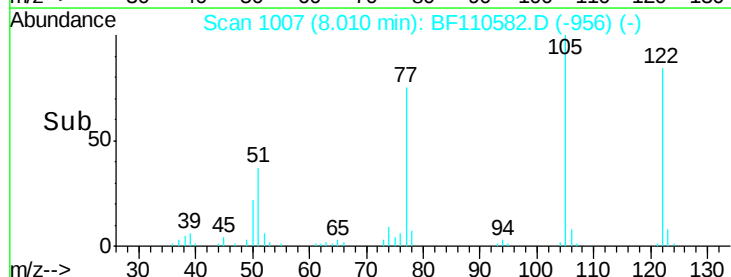
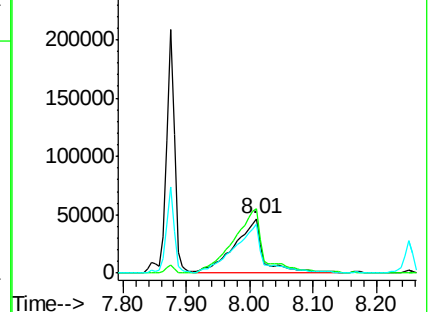
77 89.4 79.0 119.0

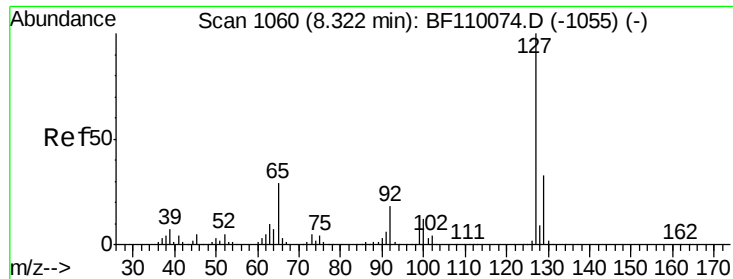


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

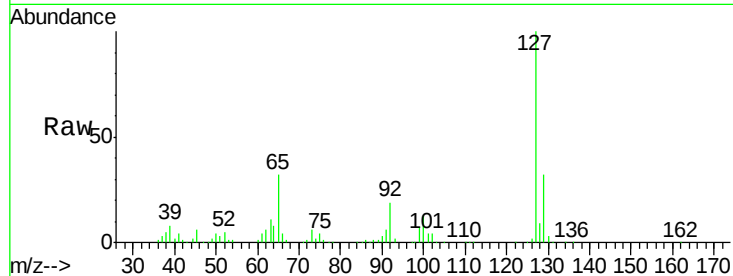




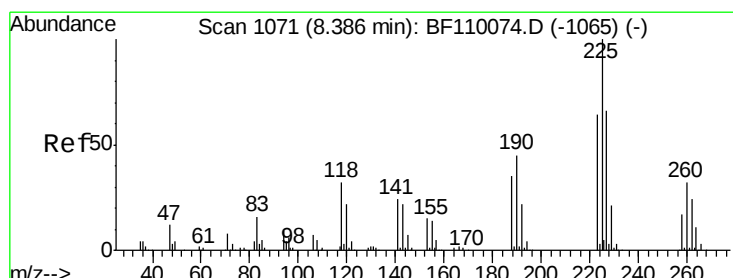
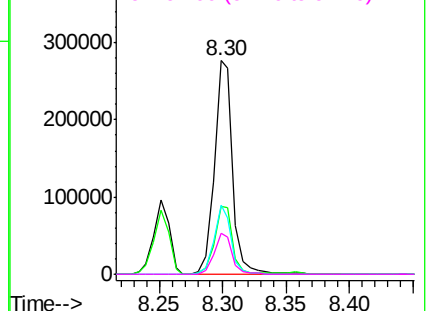
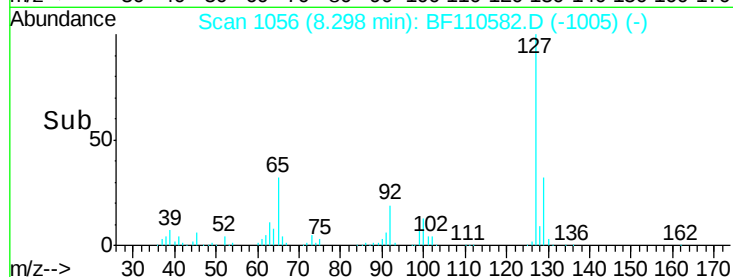
#33
4-Chloroaniline
Concen: 38.67 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	280437
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.0	39.0
65	32.5	25.1	37.7
92	19.3	15.0	22.6

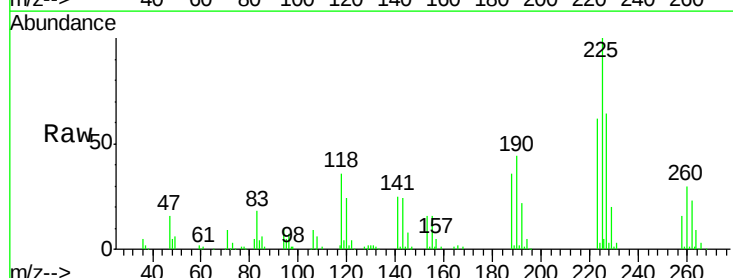


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

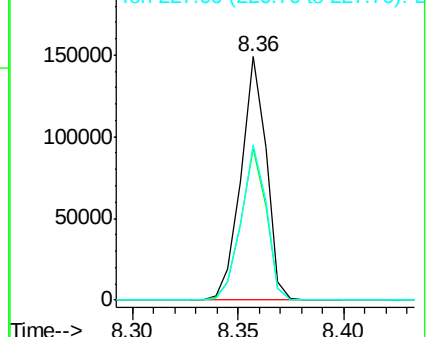
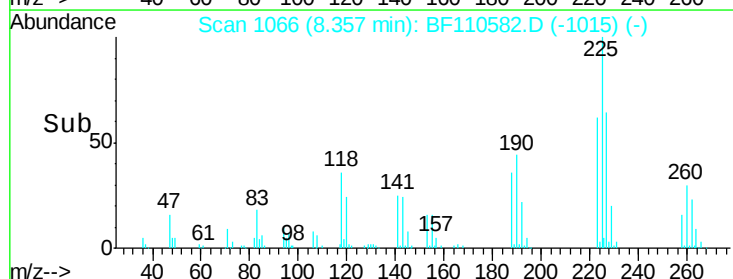


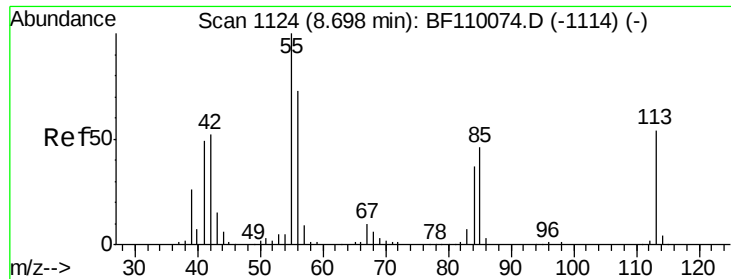
#34
Hexachlorobutadiene
Concen: 40.39 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion:	225	Resp:	123391
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	64.0	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

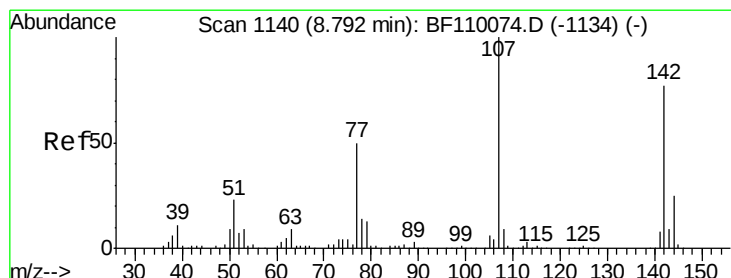
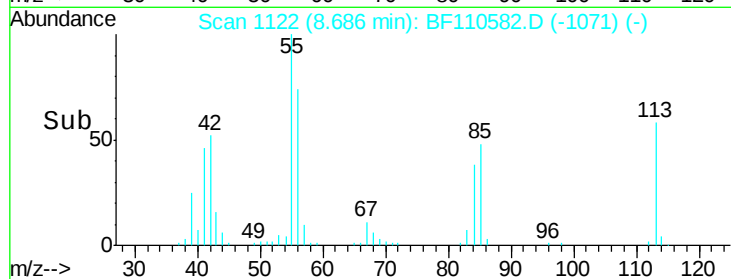
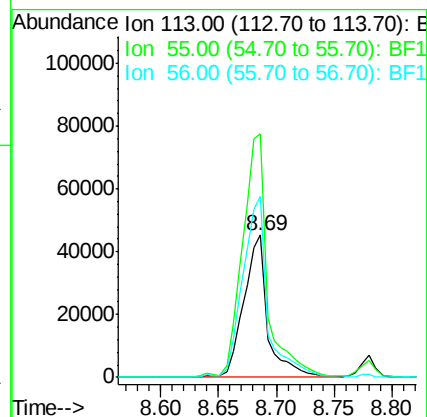
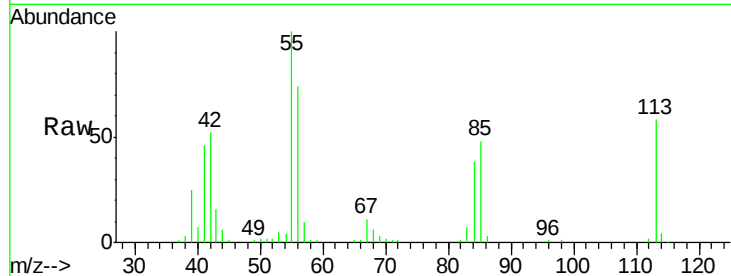




#35
 Caprolactam
 Concen: 41.27 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

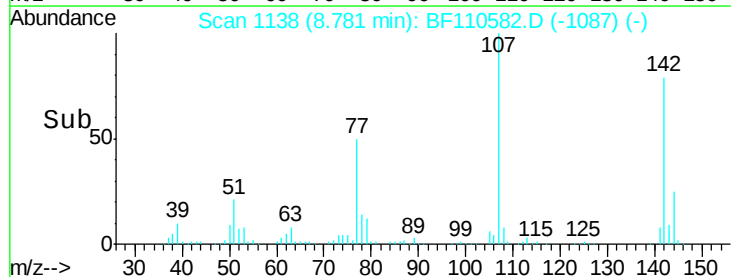
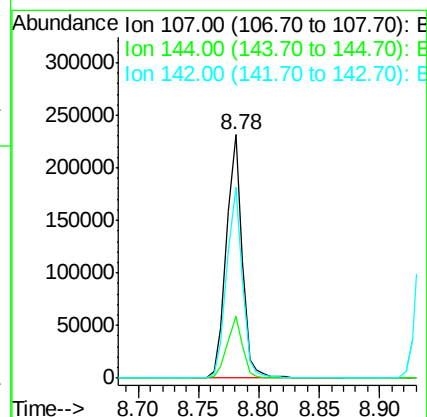
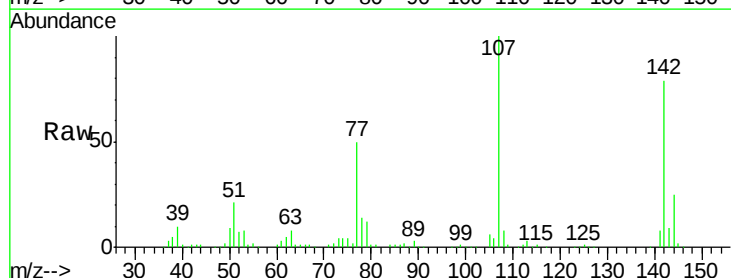
Instrument :
 BNA_F
 ClientSampleId :

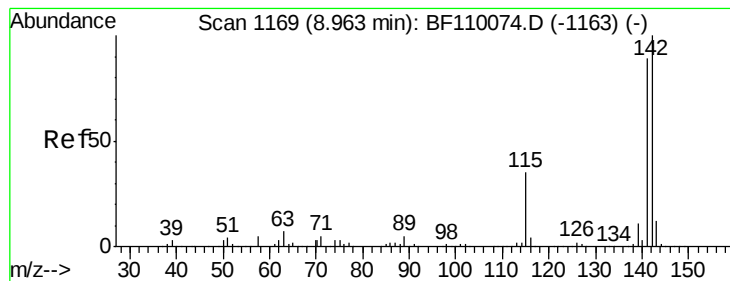
Tot Ion:113 Resp: 65403
 Ion Ratio Lower Upper
 113 100
 55 171.4 142.8 182.8
 56 127.4 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.84 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Tgt Ion:107 Resp: 208931
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.0 30.0
 142 78.6 59.7 89.5





#37

2-Methylnaphthalene

Concen: 39.81 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

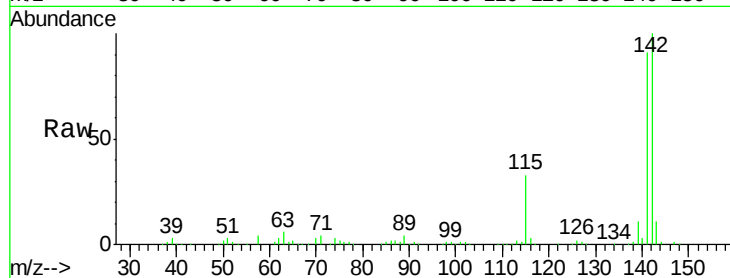
Tot Ion:142 Resp: 417820

Ion Ratio Lower Upper

142 100

141 90.7 71.4 107.2

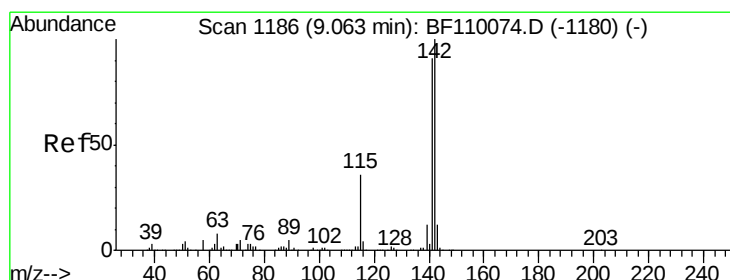
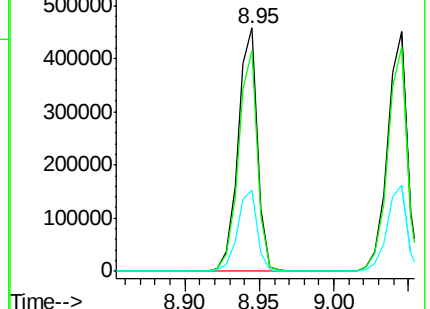
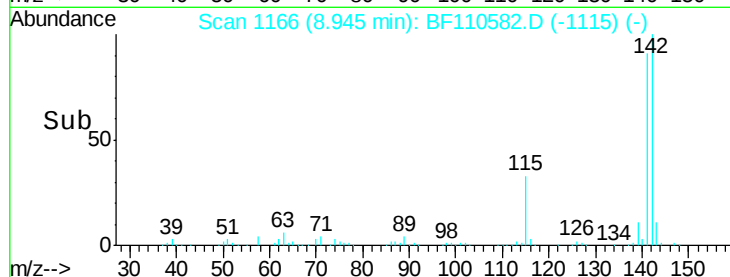
115 33.2 28.7 43.1



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: 40.00 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

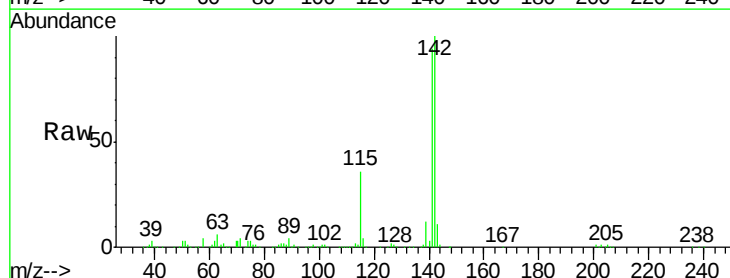
Tgt Ion:142 Resp: 403725

Ion Ratio Lower Upper

142 100

141 93.7 74.2 111.4

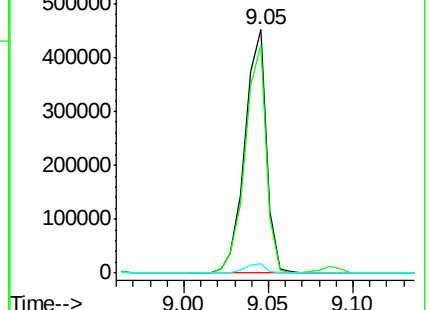
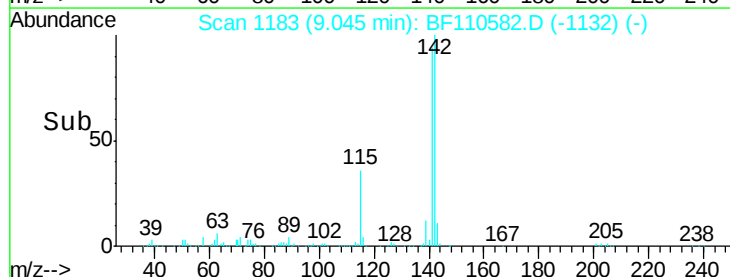
116 3.7 2.6 4.0

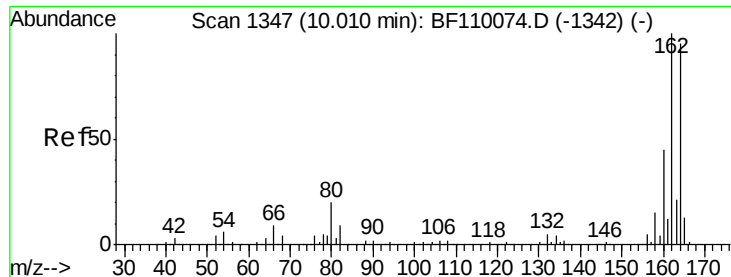


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

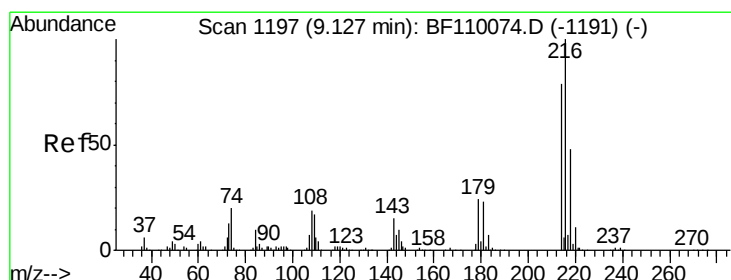
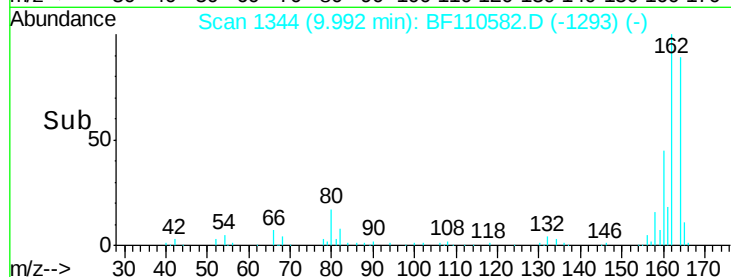
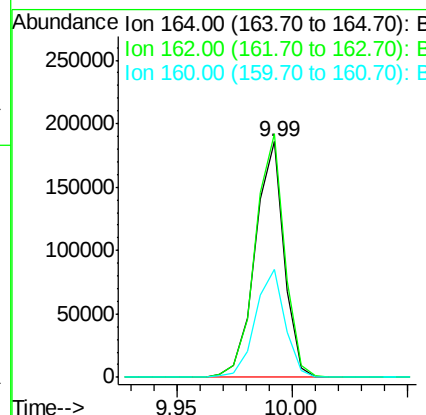
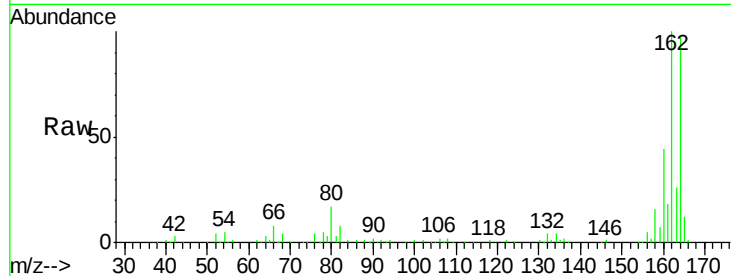




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

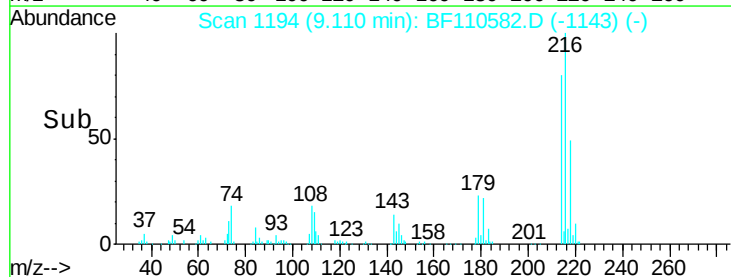
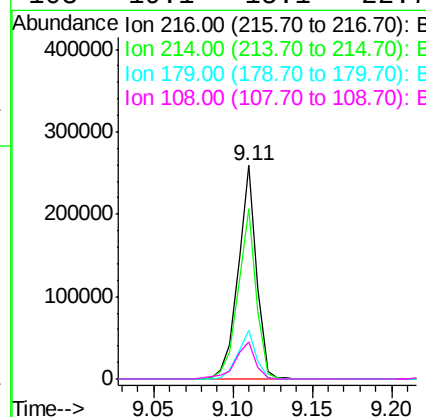
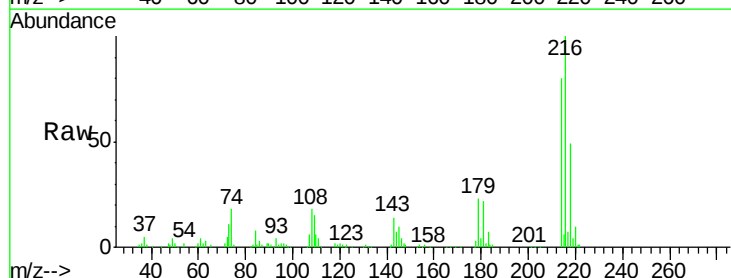
Instrument :
BNA_F
ClientSampled :

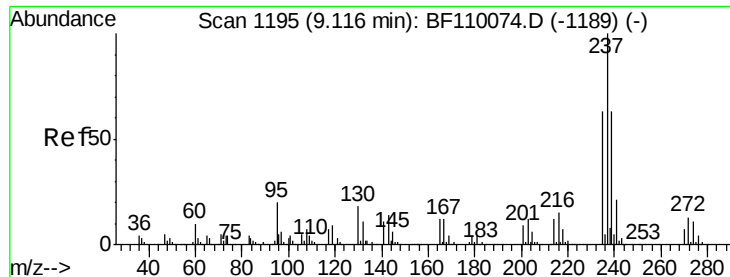
Tot Ion:164 Resp: 162500
Ion Ratio Lower Upper
164 100
162 103.4 83.0 124.6
160 45.8 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.15 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion:216 Resp: 206546
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.6
179 22.6 16.6 25.0
108 19.1 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 38.75 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

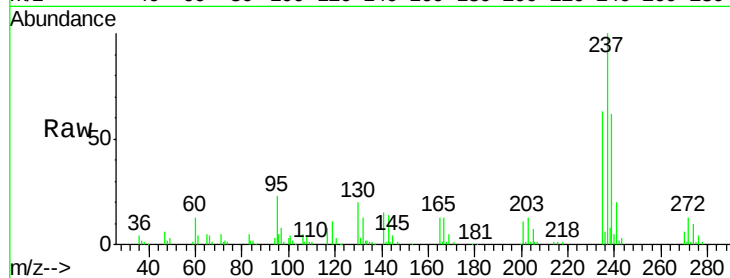
Tot Ion:237 Resp: 68995

Ion Ratio Lower Upper

237 100

235 63.4 43.1 83.1

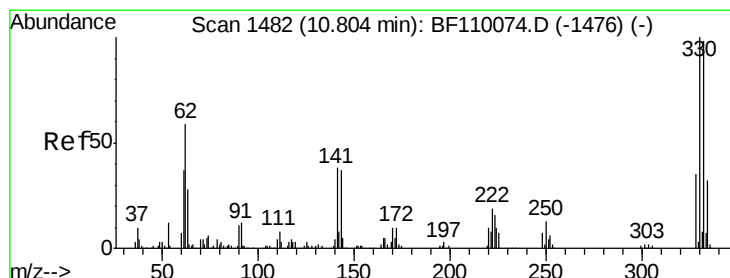
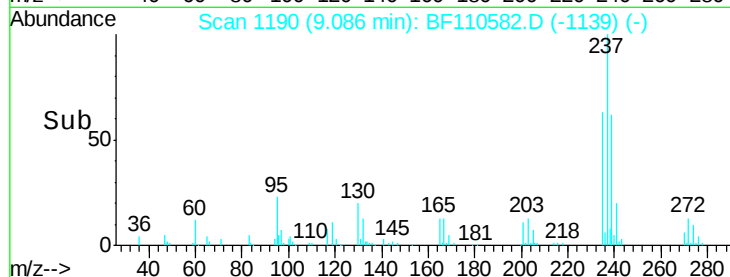
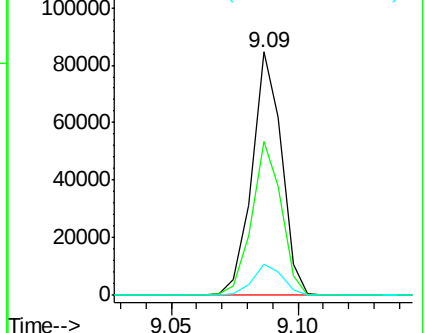
272 12.7 0.0 32.6



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: 79.95 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

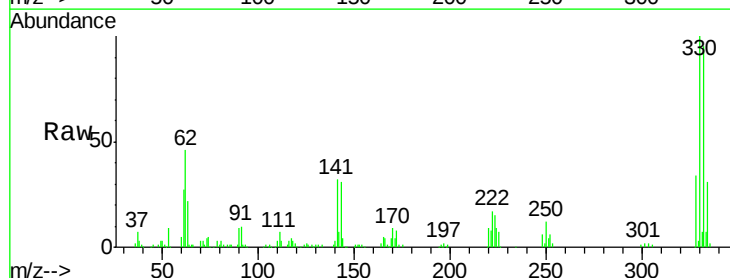
Tgt Ion:330 Resp: 130916

Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

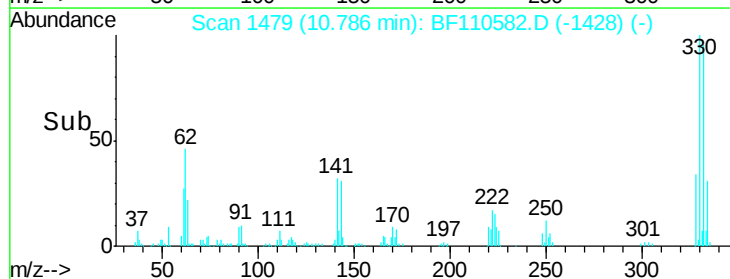
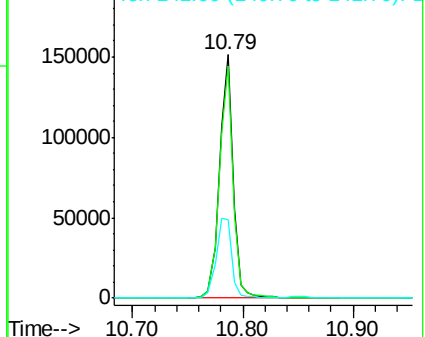
141 37.6 27.0 40.4

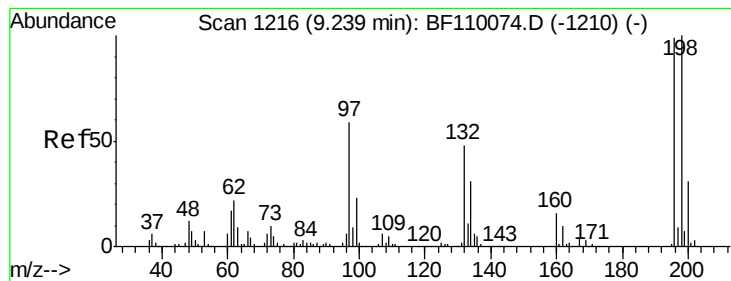


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 40.98 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :
BNA_F
ClientSampled :

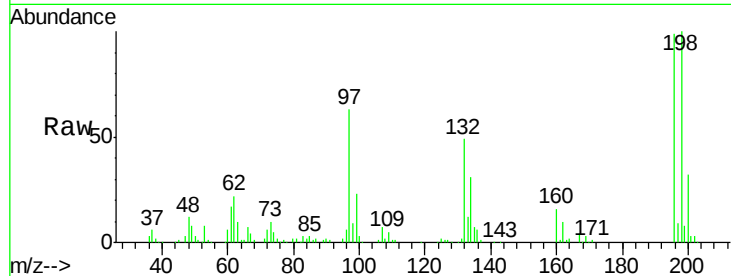
Tot Ion:196 Resp: 132476

Ion Ratio Lower Upper

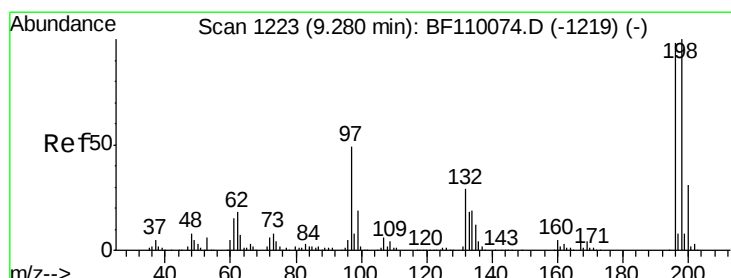
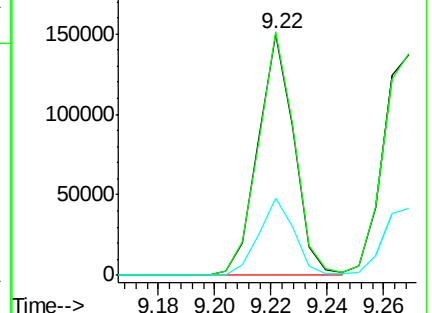
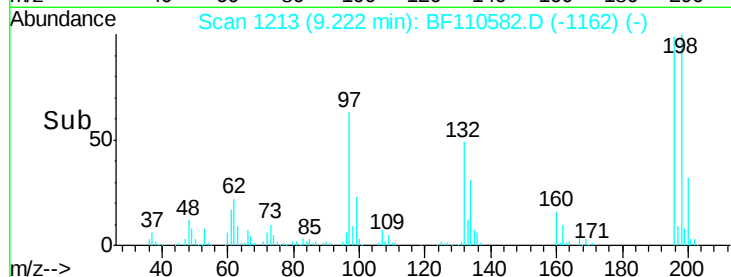
196 100

198 101.0 76.2 114.4

200 32.2 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: 39.91 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Tgt Ion:196 Resp: 137594

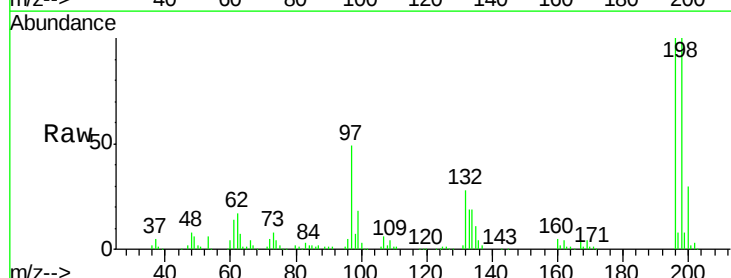
Ion Ratio Lower Upper

196 100

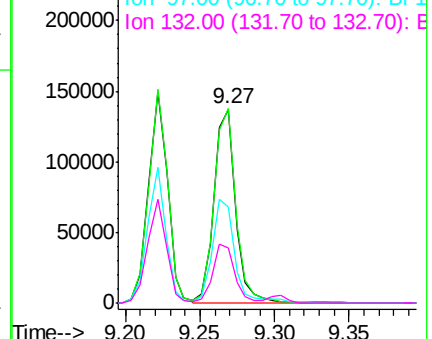
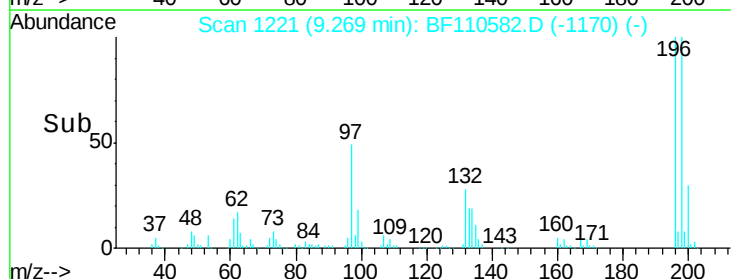
198 100.4 75.8 113.6

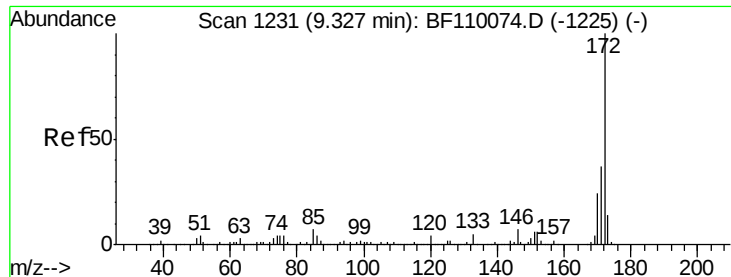
97 49.5 42.4 63.6

132 28.4 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

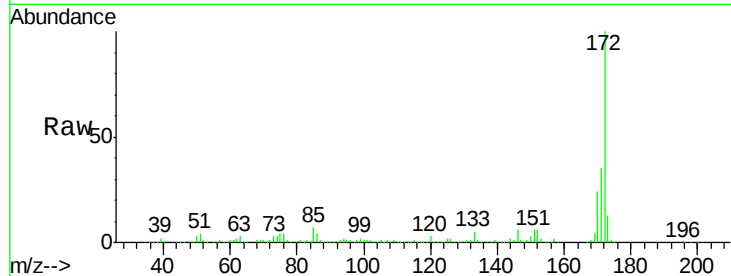




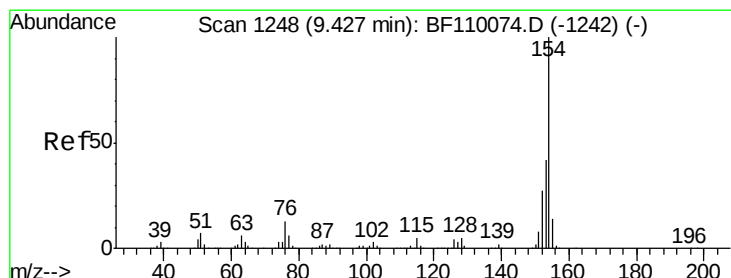
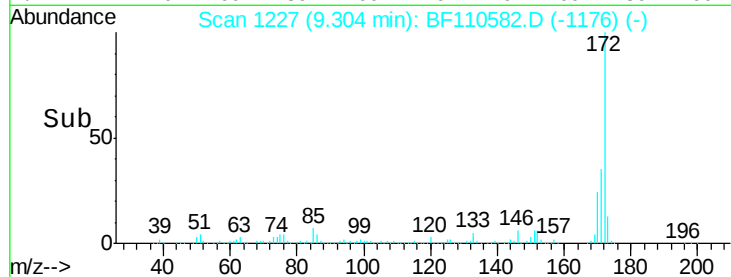
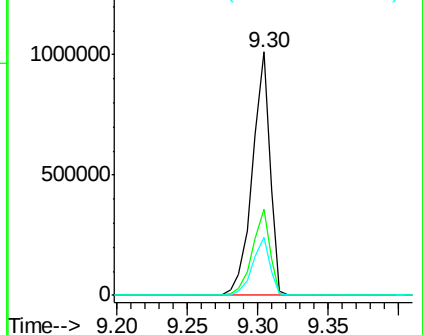
#45
 2-Fluorobiphenyl
 Concen: 78.25 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 890365
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.6 19.7 29.5

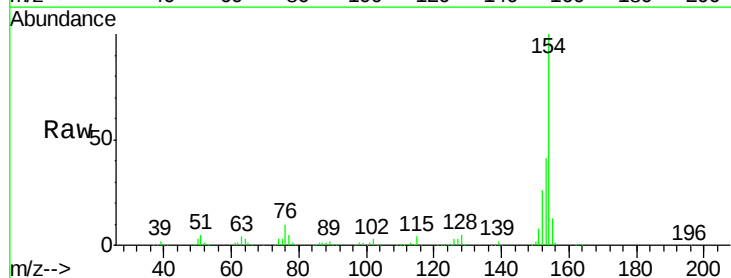


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

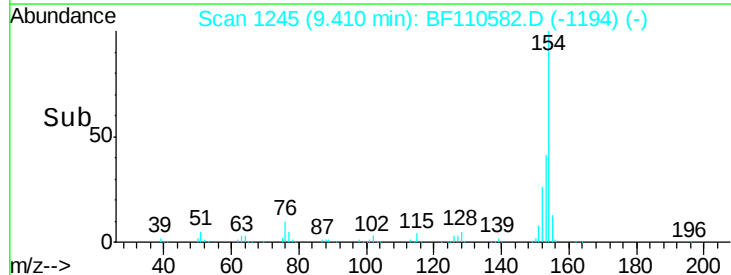
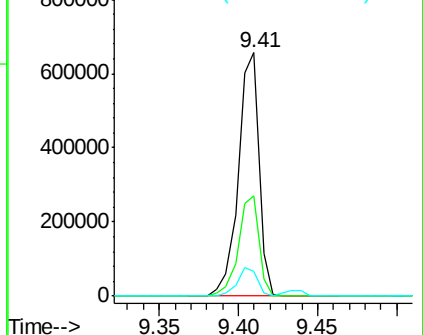


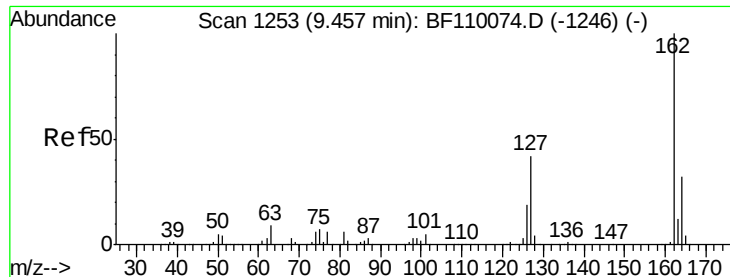
#46
 1,1'-Biphenyl
 Concen: 39.20 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Tgt Ion:154 Resp: 594294
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.4 60.4
 76 10.2 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

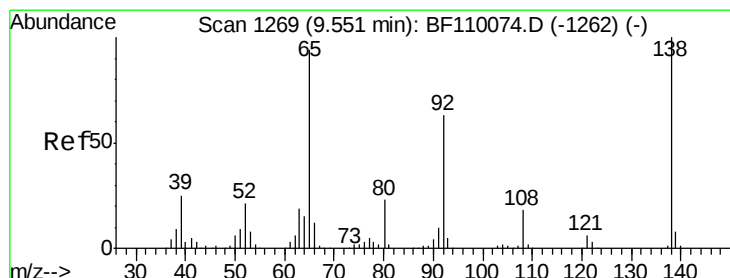
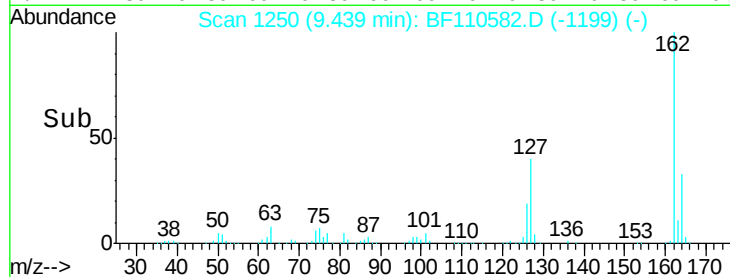
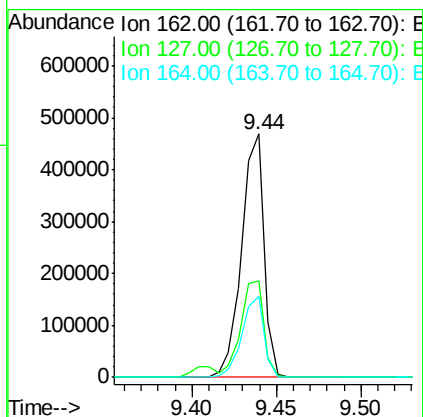
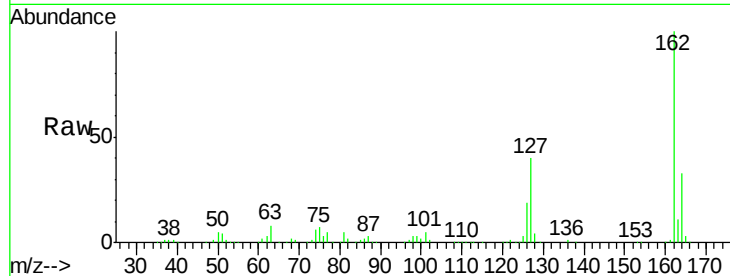




#47
 2-Chloronaphthalene
 Concen: 39.92 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

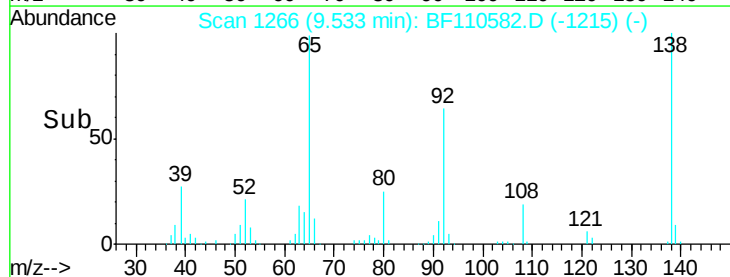
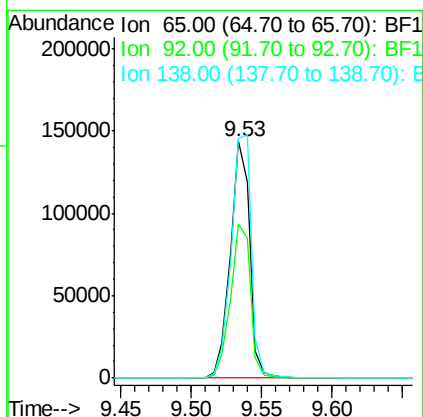
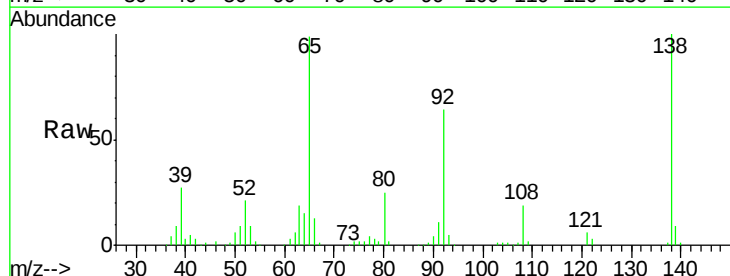
Instrument :
 BNA_F
 ClientSampleId :

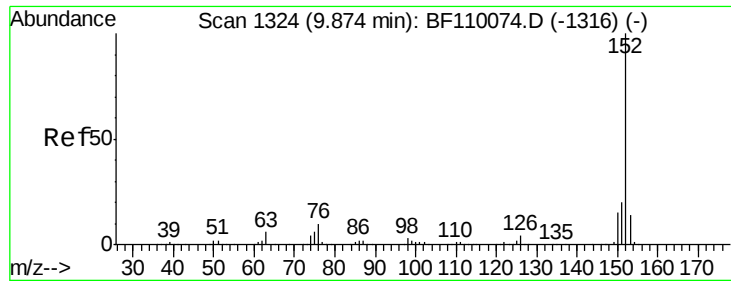
Tot Ion:162 Resp: 435916
 Ion Ratio Lower Upper
 162 100
 127 39.6 32.6 48.8
 164 33.2 25.9 38.9



#48
 2-Nitroaniline
 Concen: 40.64 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Tgt Ion: 65 Resp: 136767
 Ion Ratio Lower Upper
 65 100
 92 65.1 54.6 81.8
 138 101.2 80.3 120.5





#49

Acenaphthylene

Concen: 39.78 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

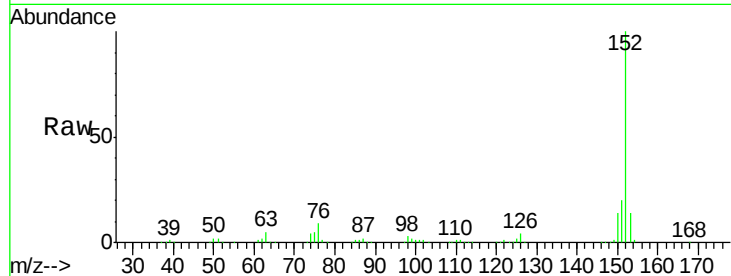
Tot Ion:152 Resp: 625598

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

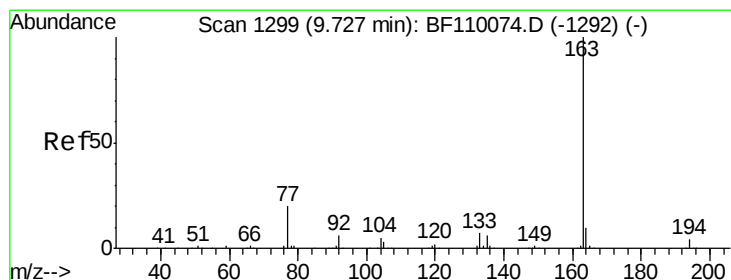
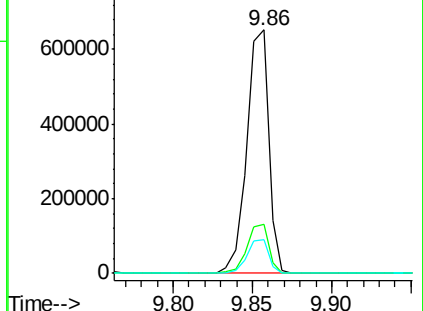
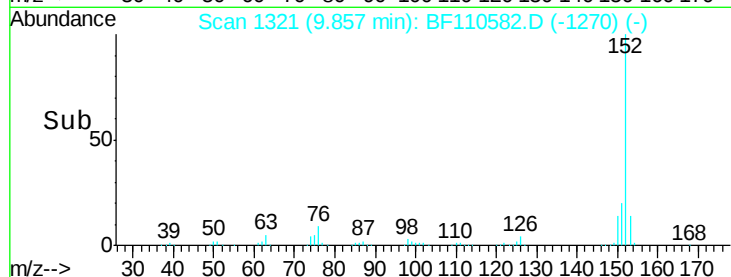
153 13.7 10.4 15.6



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: 39.47 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

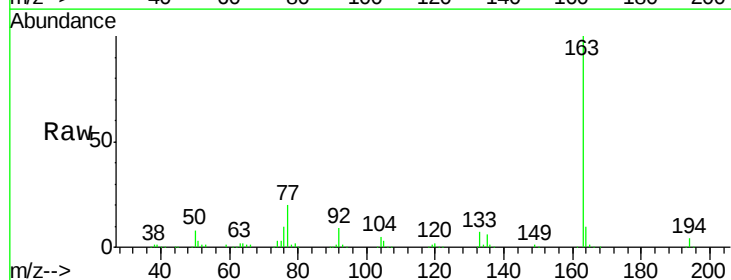
Tgt Ion:163 Resp: 478548

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

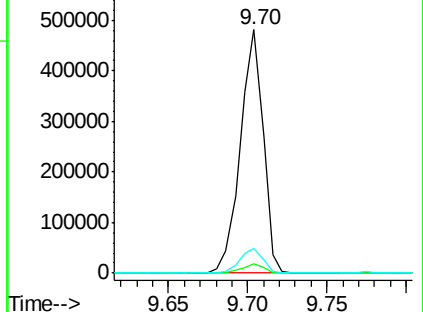
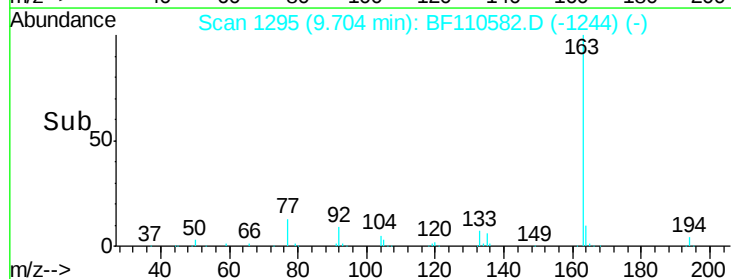
164 10.0 8.1 12.1

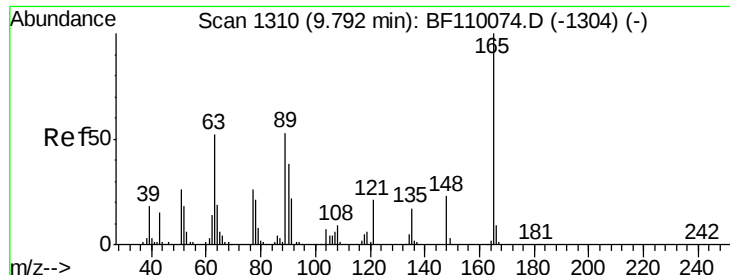


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.70 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

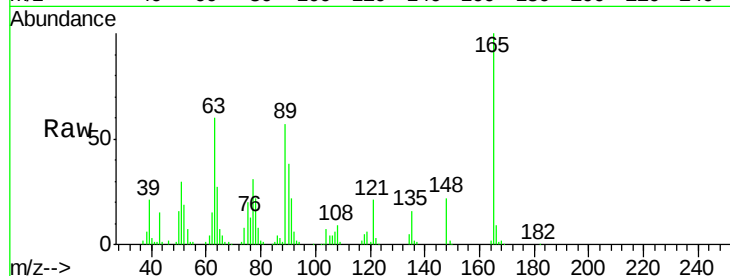
Tot Ion:165 Resp: 108549

Ion Ratio Lower Upper

165 100

63 60.1 48.9 73.3

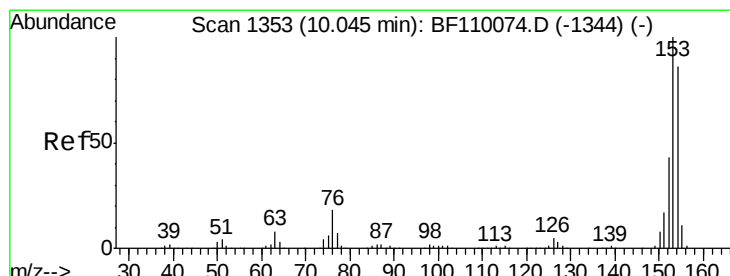
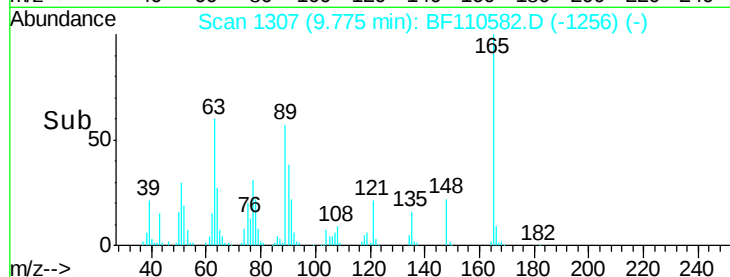
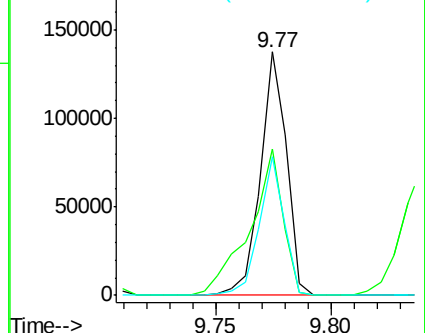
89 57.1 46.6 69.8



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: 39.57 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

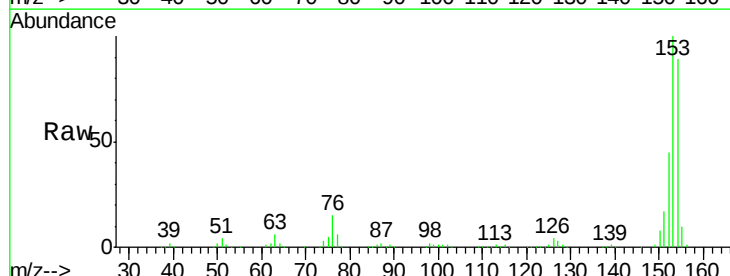
Tgt Ion:154 Resp: 393319

Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

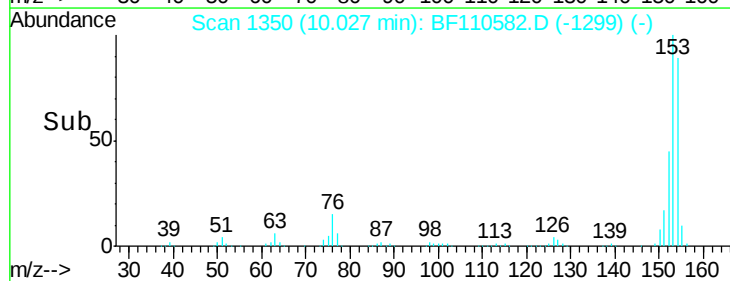
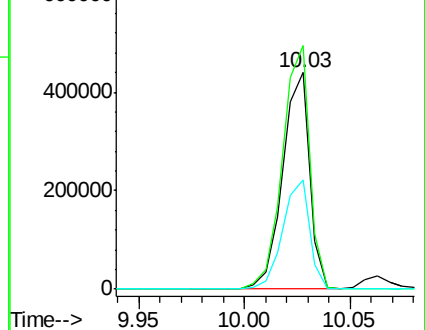
152 50.6 43.4 65.2

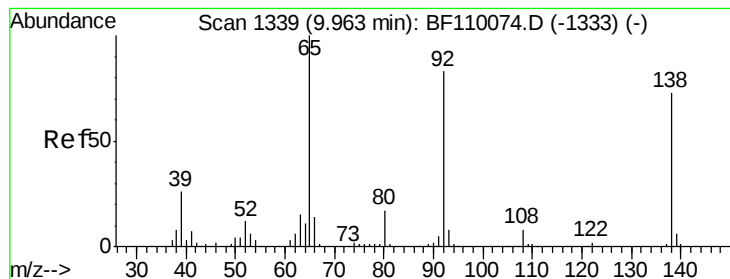


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.35 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampled :

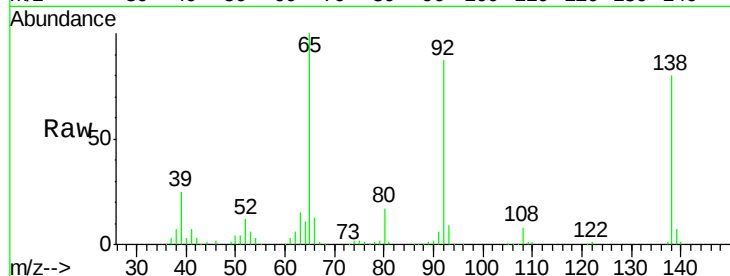
Tot Ion:138 Resp: 124683

Ion Ratio Lower Upper

138 100

108 10.3 8.7 13.1

92 108.5 97.0 145.4

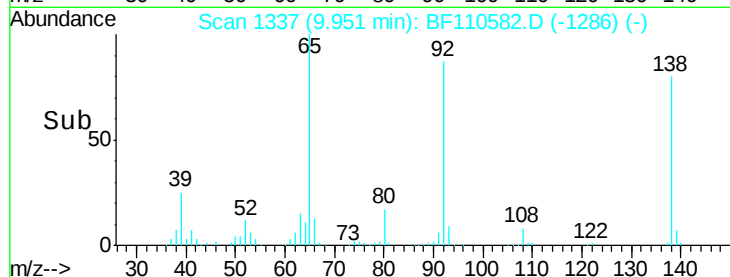


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

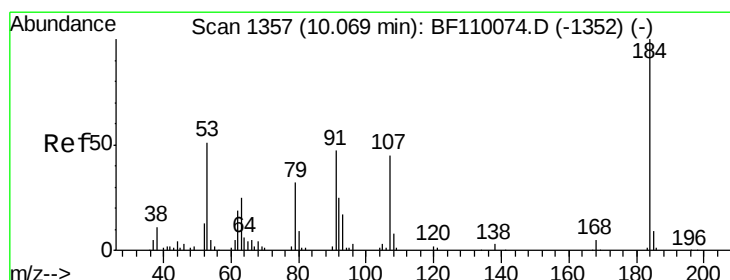
Ion 92.00 (91.70 to 92.70): BF1

Time-->



Abundance

Time-->



#54

2,4-Dinitrophenol

Concen: 37.82 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

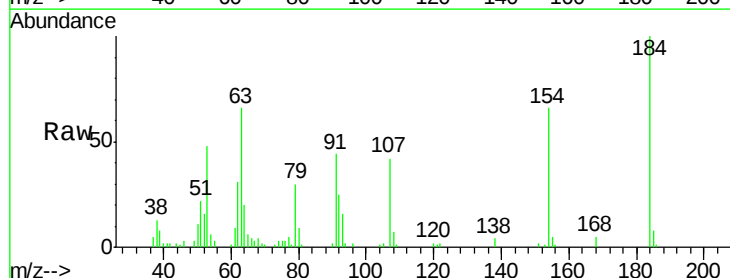
Tgt Ion:184 Resp: 37384

Ion Ratio Lower Upper

184 100

63 65.9 55.8 83.6

154 66.0 63.2 94.8

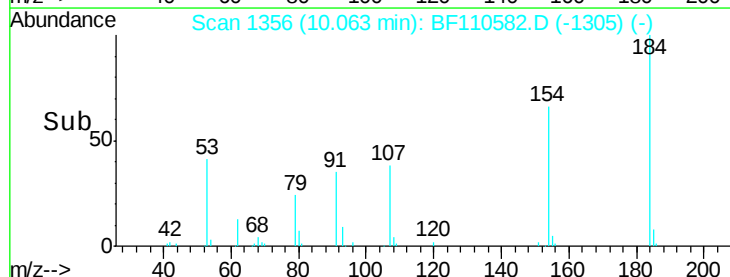


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

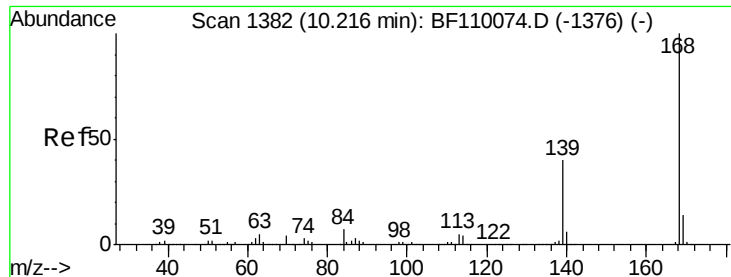
Ion 154.00 (153.70 to 154.70): E

Time-->



Abundance

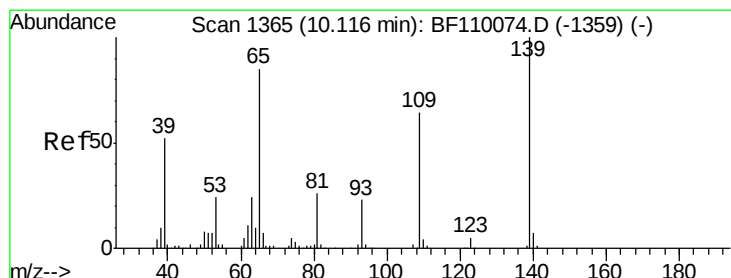
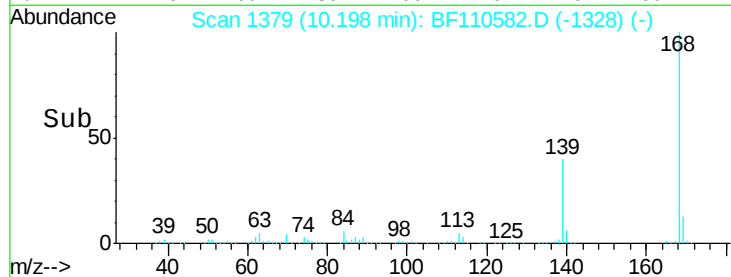
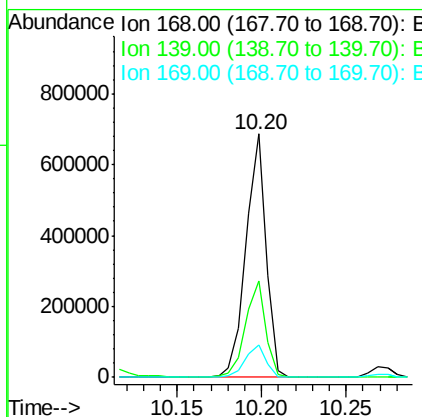
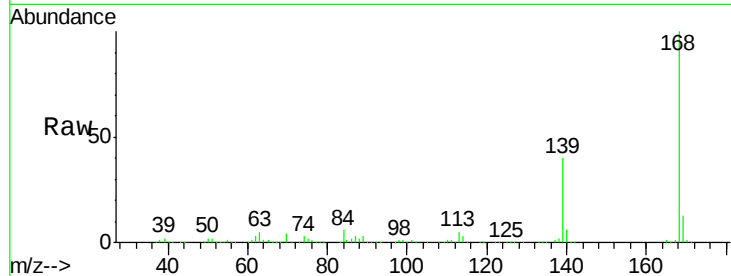
Time-->



#55
Dibenzenofuran
Concen: 39.56 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

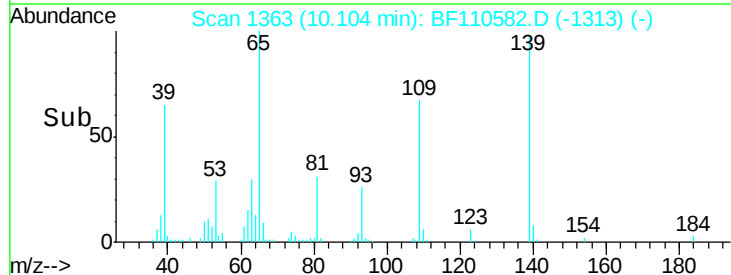
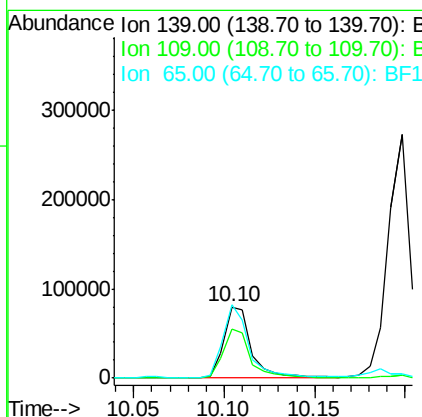
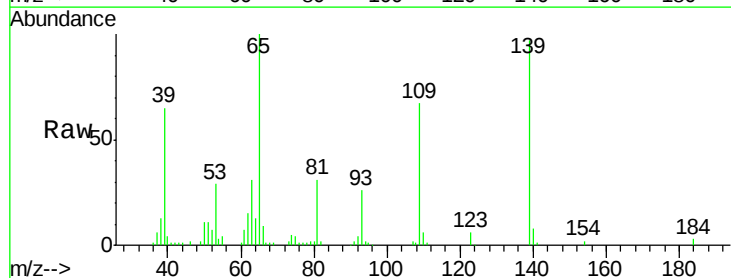
Instrument :
BNA_F
ClientSampleId :

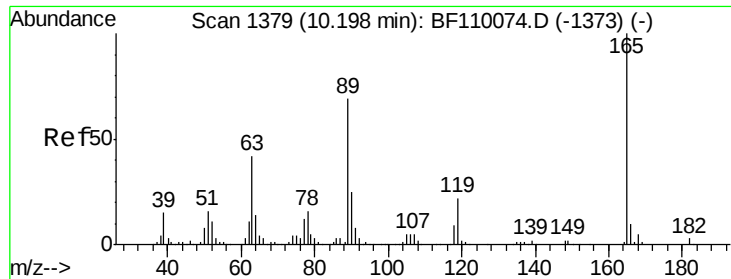
Tot Ion:168 Resp: 575326
Ion Ratio Lower Upper
168 100
139 39.7 33.0 49.6
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 41.81 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion:139 Resp: 85707
Ion Ratio Lower Upper
139 100
109 69.1 55.8 95.8
65 102.7 77.9 117.9

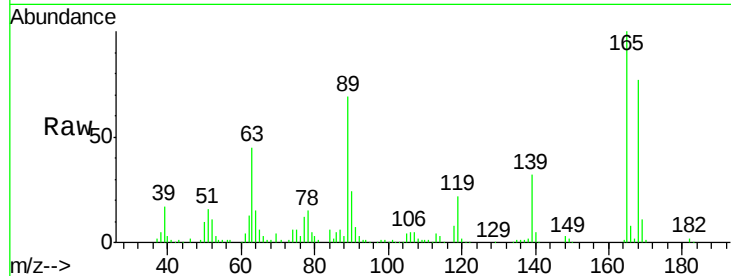




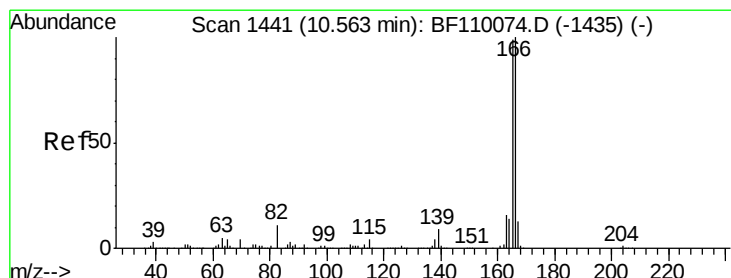
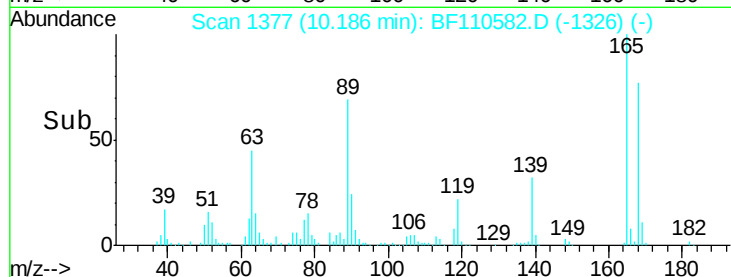
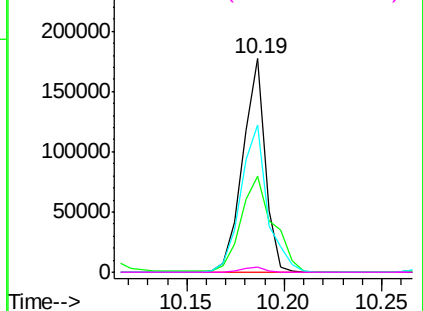
#57
2,4-Dinitrotoluene
Concen: 40.98 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	142131
Ion	Ratio	Lower	Upper
165	100		
63	45.0	44.8	67.2
89	68.9	62.2	93.4
182	2.2	2.1	3.1

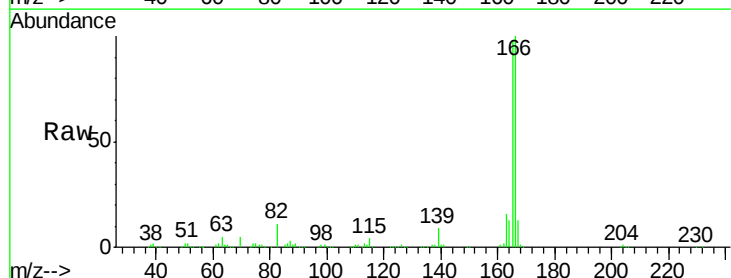


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

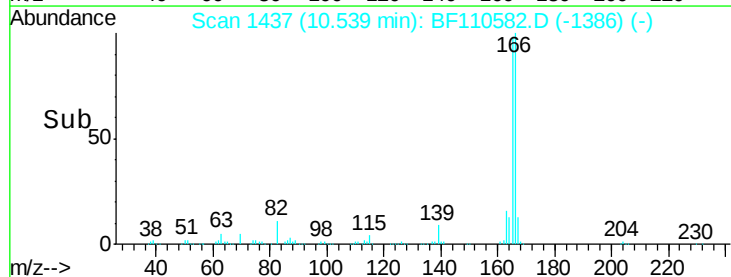
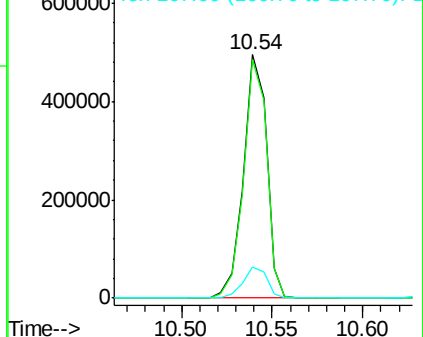


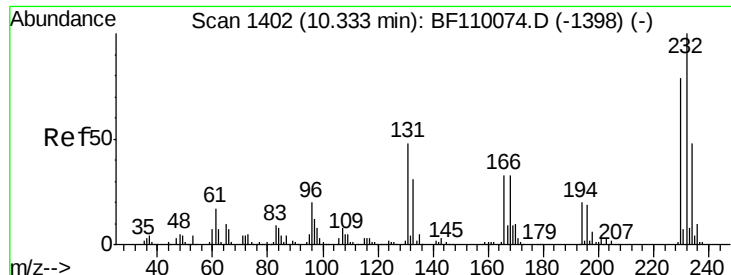
#58
Fluorene
Concen: 39.41 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion:	166	Resp:	440162
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	12.9	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

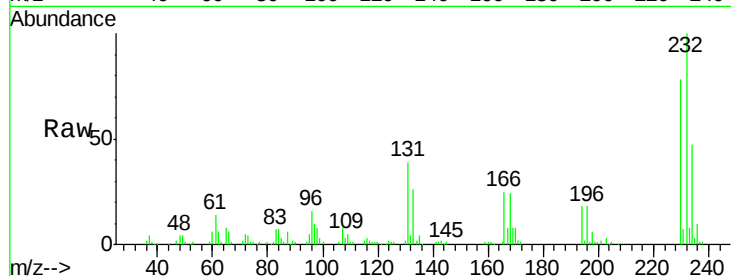




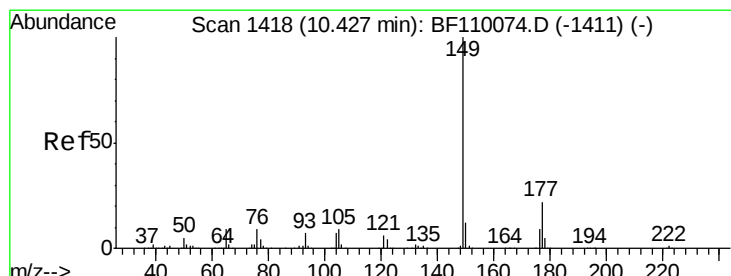
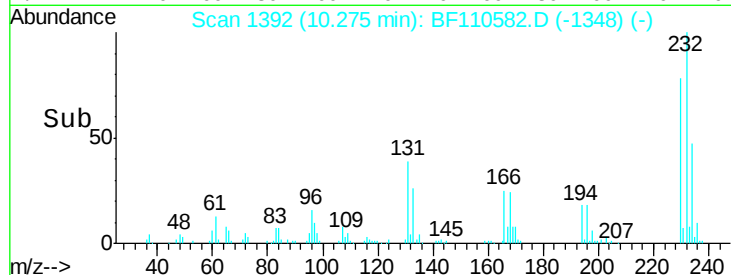
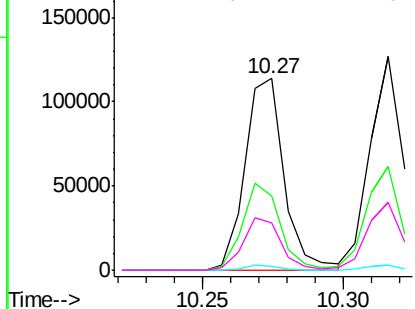
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.46 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.04 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	109756
Ion Ratio	Lower	Upper
232	100	
131	43.5	37.0 55.4
130	2.3	1.8 2.6
166	26.5	22.0 33.0

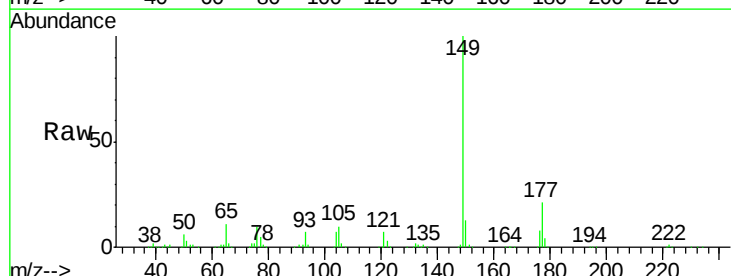


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

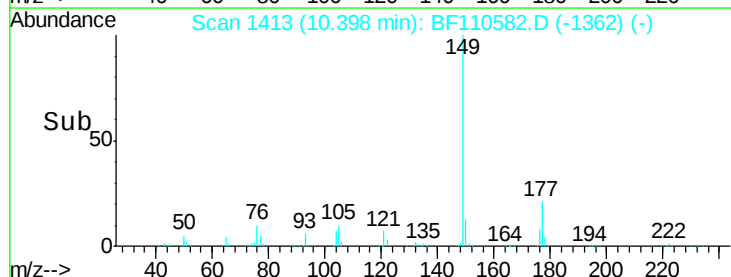
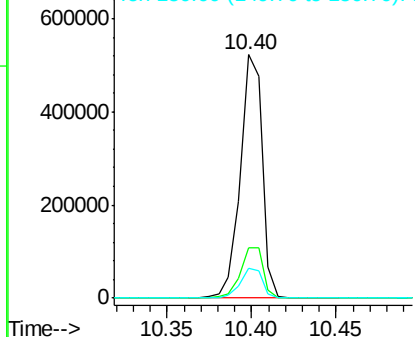


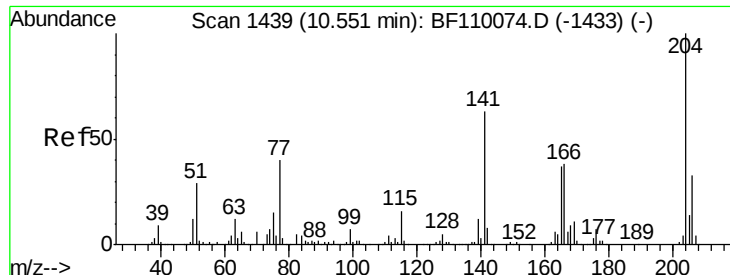
#60
 Diethylphthalate
 Concen: 39.30 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Tgt Ion:149	Resp:	471409
Ion Ratio	Lower	Upper
149	100	
177	20.9	17.4 26.2
150	12.5	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

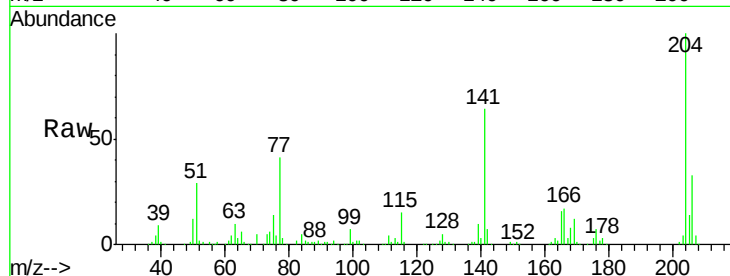




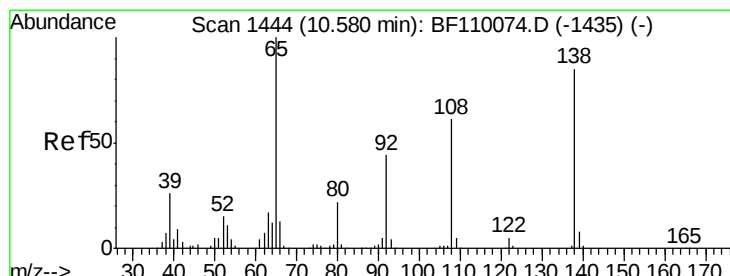
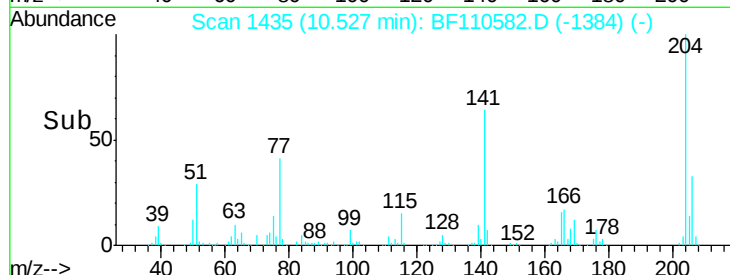
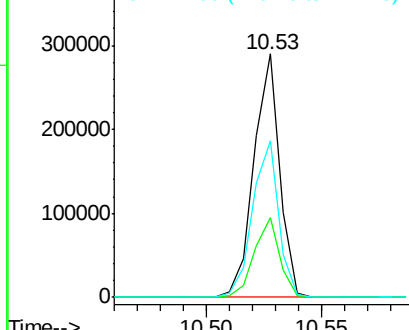
#61
 4-Chlorophenyl-phenylether
 Concen: 39.32 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 227412
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.5 39.7
 141 64.1 51.8 77.8

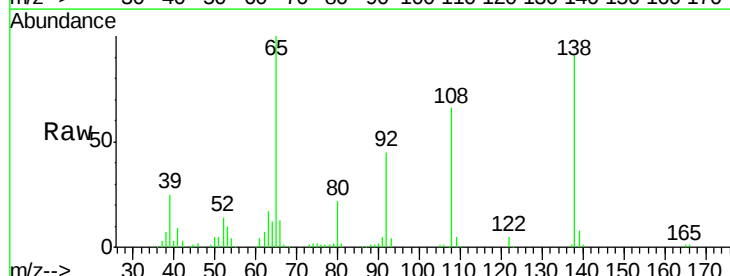


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

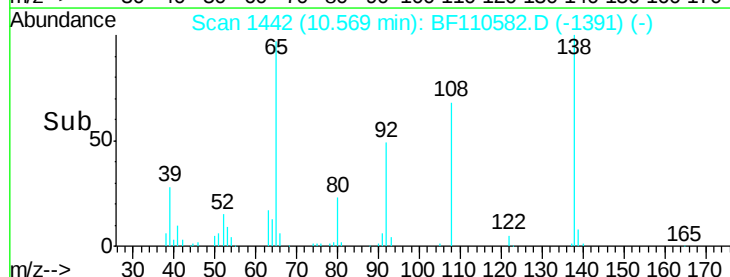
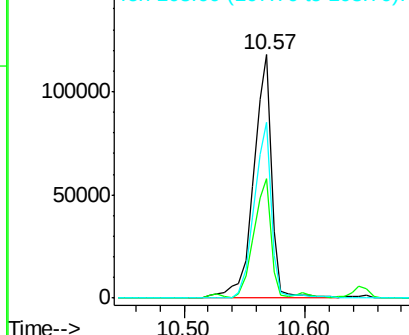


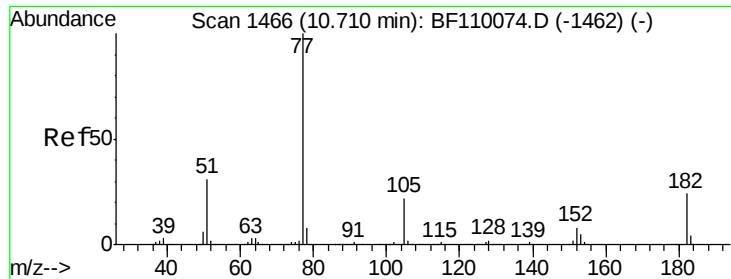
#62
 4-Nitroaniline
 Concen: 39.80 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Tgt Ion:138 Resp: 123865
 Ion Ratio Lower Upper
 138 100
 92 49.2 31.7 71.7
 108 72.3 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: 39.92 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 467232

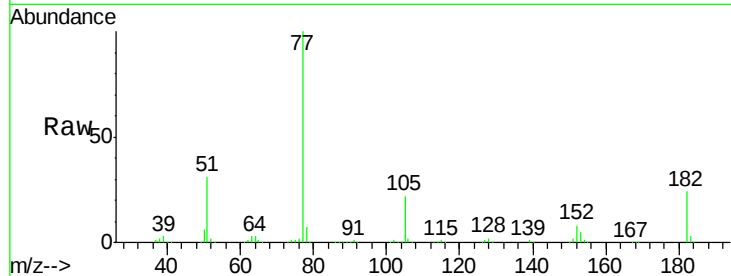
Ion Ratio Lower Upper

77 100

182 23.8 4.3 44.3

105 21.8 1.3 41.3

51 31.4 9.0 49.0

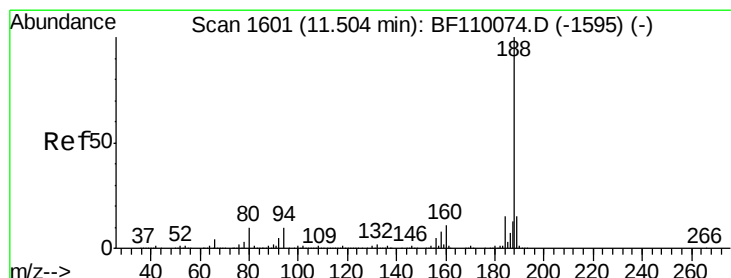
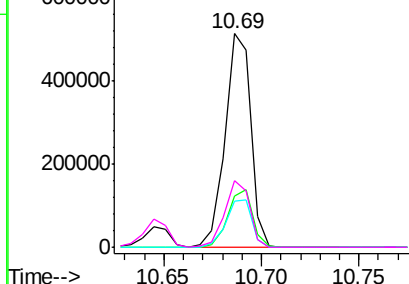
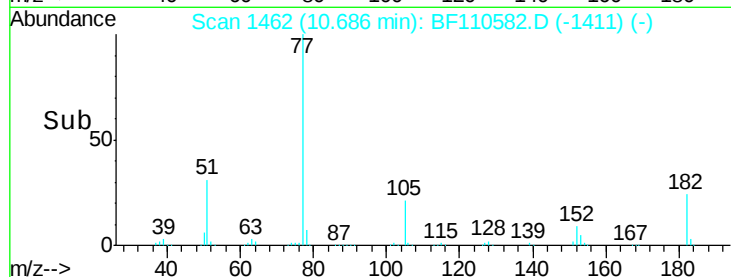


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 20.00 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

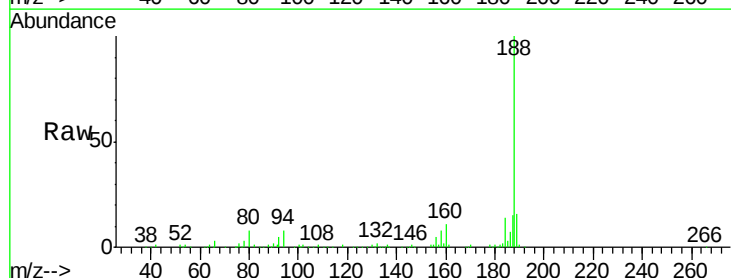
Tgt Ion: 188 Resp: 302139

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

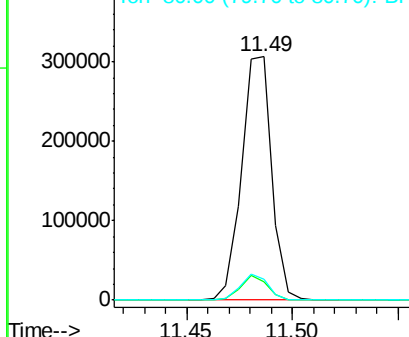
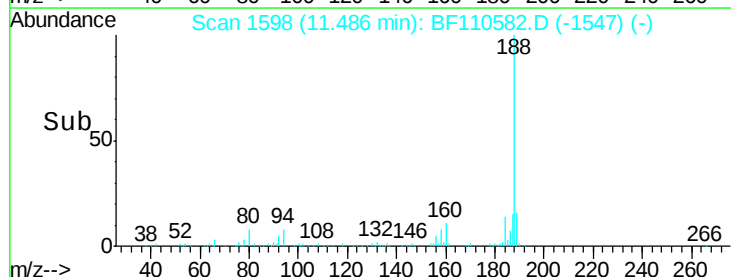
80 8.4 7.9 11.9

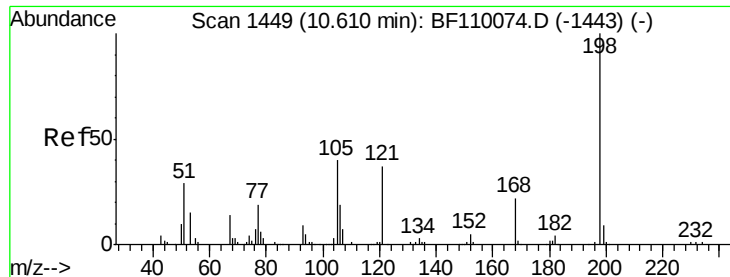


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 42.18 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

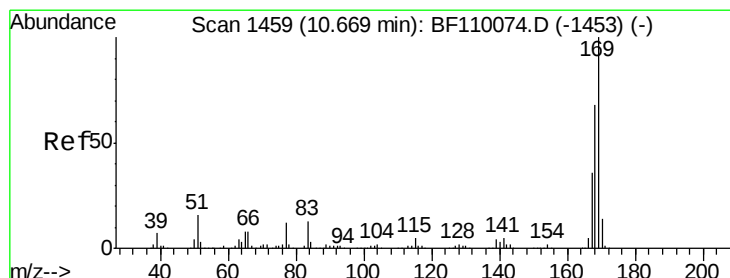
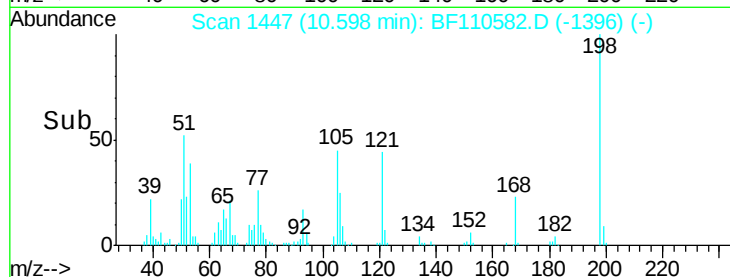
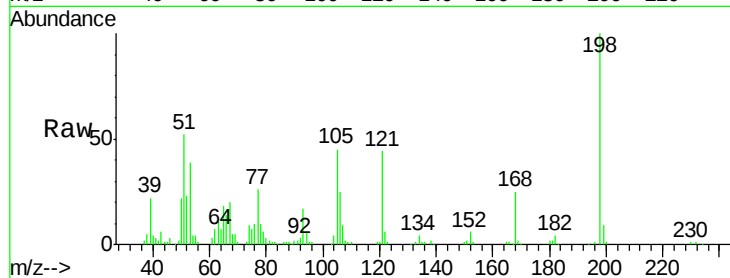
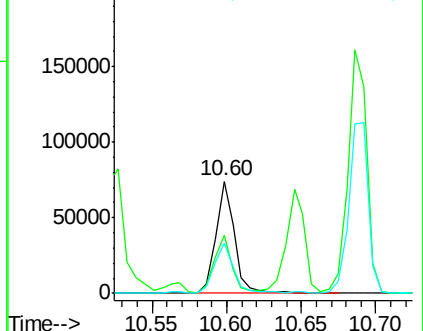
Tot Ion:198 Resp: 64232

Ion	Ratio	Lower	Upper
198	100		
51	51.5	22.8	62.8
105	45.3	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: 39.99 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

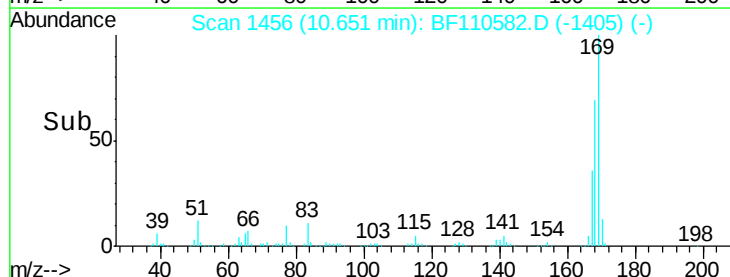
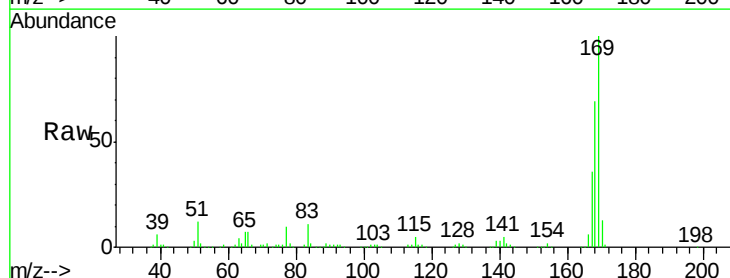
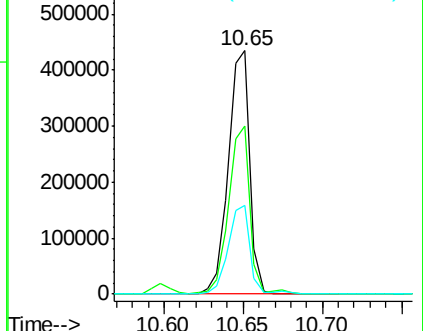
Tgt Ion:169 Resp: 407276

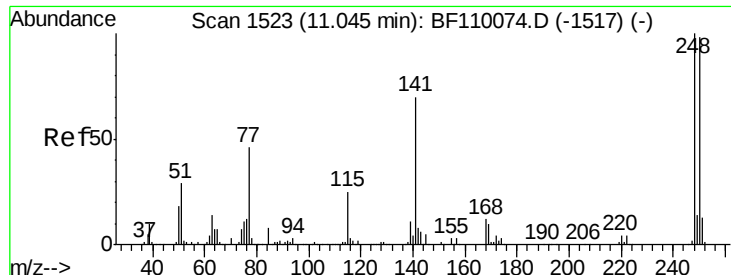
Ion	Ratio	Lower	Upper
169	100		
168	69.3	51.2	76.8
167	36.4	27.8	41.6

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

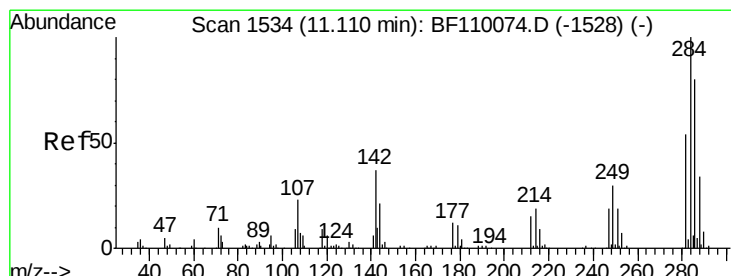
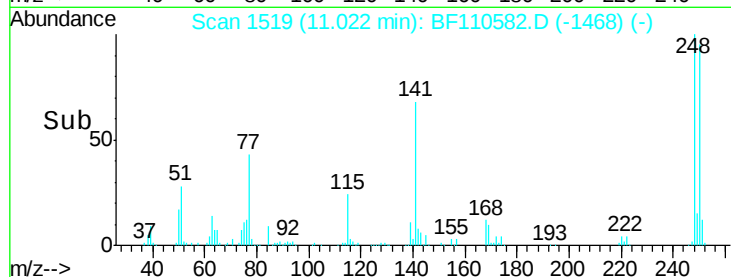
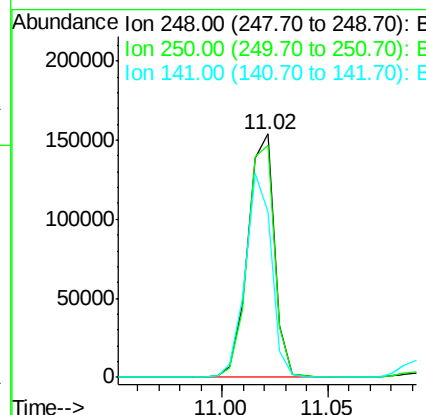
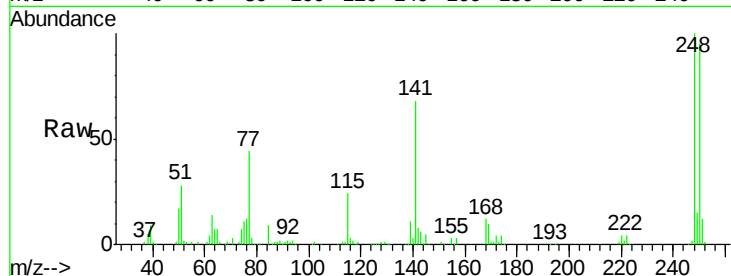




#67
 4-Bromophenyl-phenylether
 Concen: 40.43 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

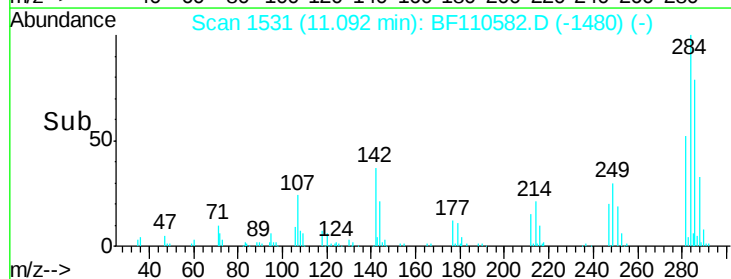
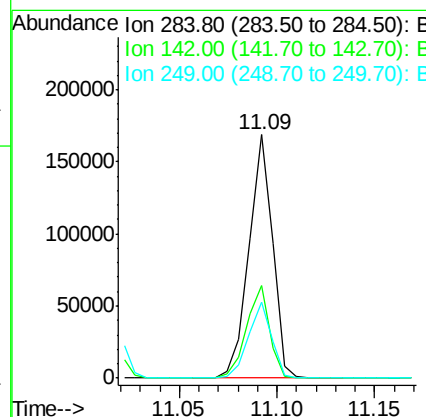
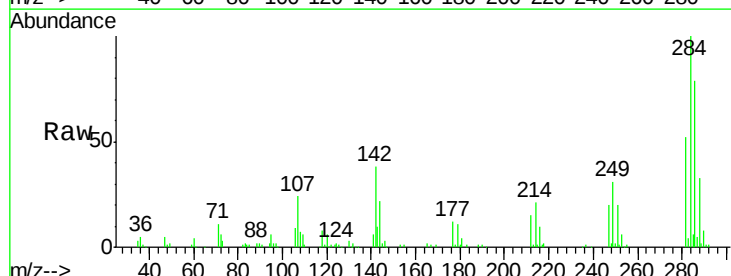
Instrument :
 BNA_F
 ClientSampleId :

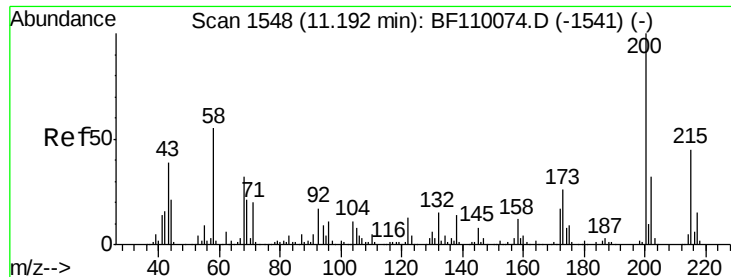
Tot Ion:248 Resp: 134989
 Ion Ratio Lower Upper
 248 100
 250 95.3 79.4 119.2
 141 68.2 55.9 83.9



#68
 Hexachlorobenzene
 Concen: 40.33 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Tgt Ion:284 Resp: 141980
 Ion Ratio Lower Upper
 284 100
 142 38.0 23.9 35.9#
 249 30.9 24.2 36.2

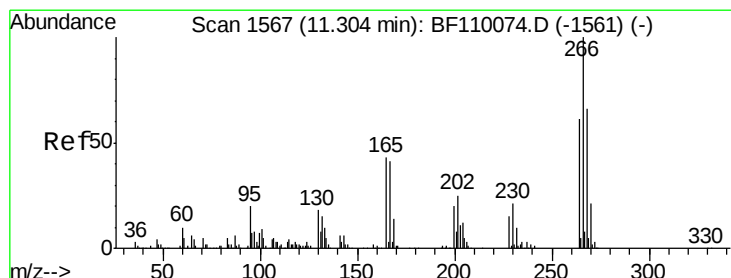
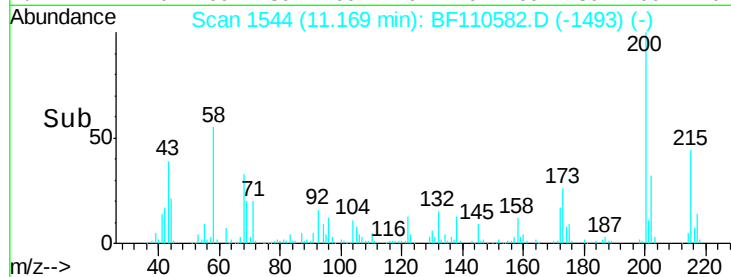
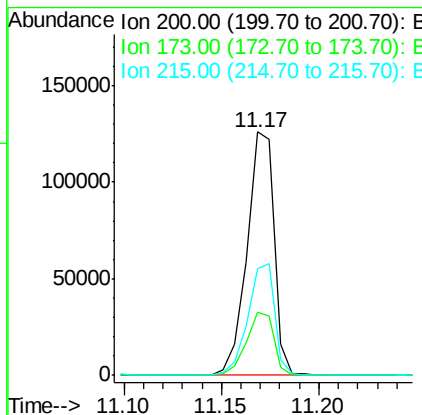
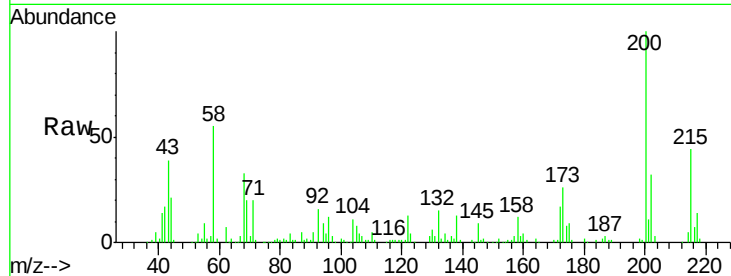




#69
 Atrazine
 Concen: 39.04 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

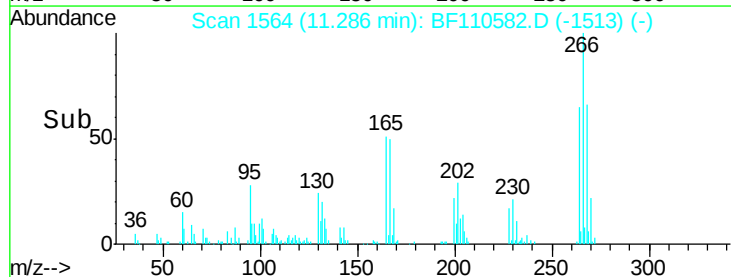
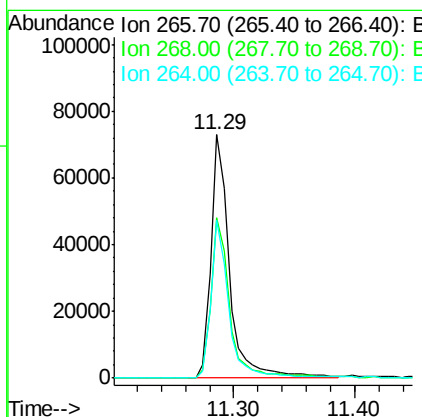
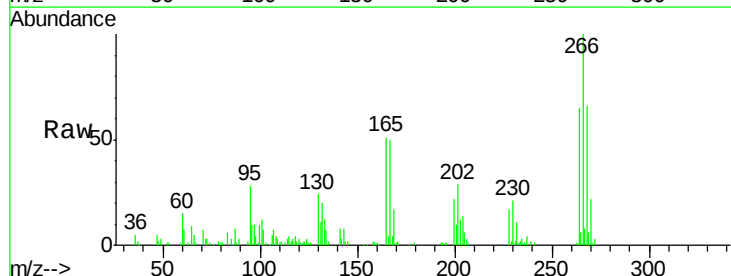
Instrument :
 BNA_F
 ClientSampleId :

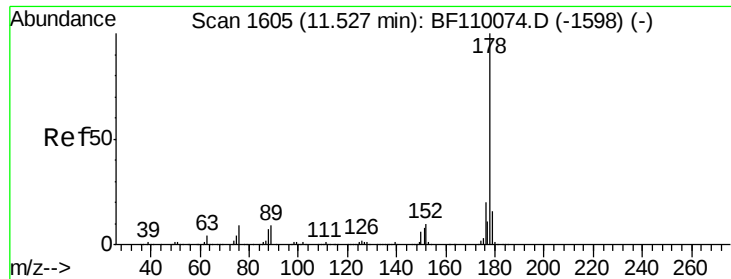
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.6	46.6
215	43.6	26.3	66.3



#70
 Pentachlorophenol
 Concen: 41.34 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	50.6	75.8
264	64.8	50.6	75.8

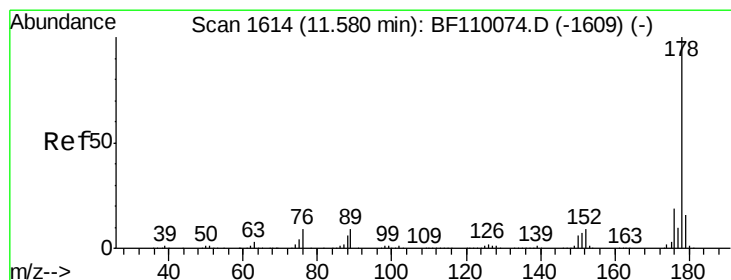
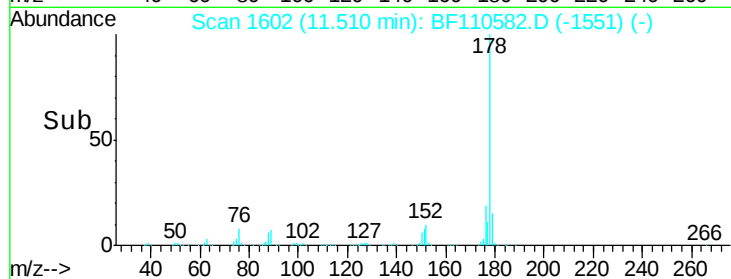
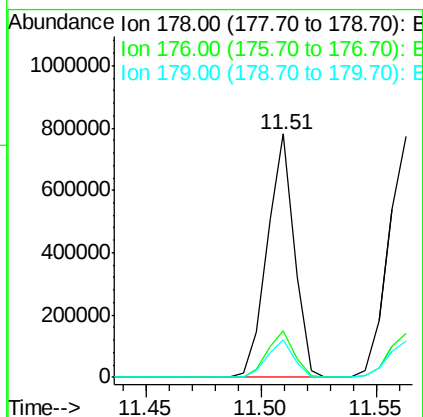
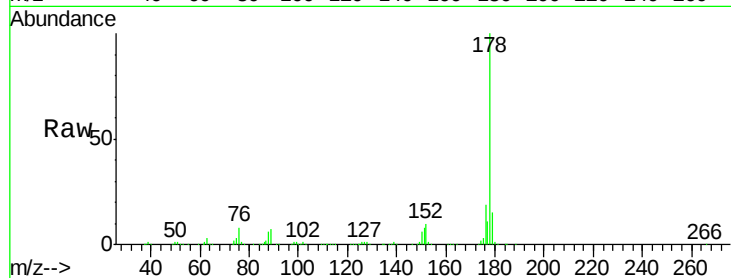




#71
 Phenanthrene
 Concen: 39.39 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

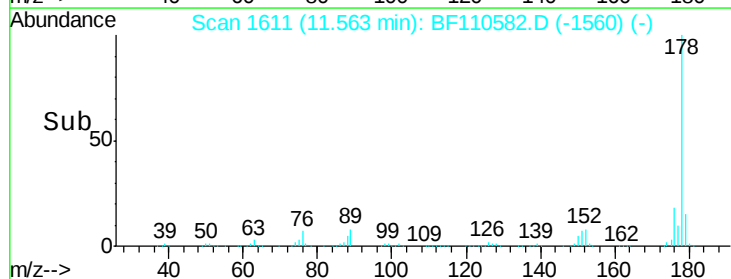
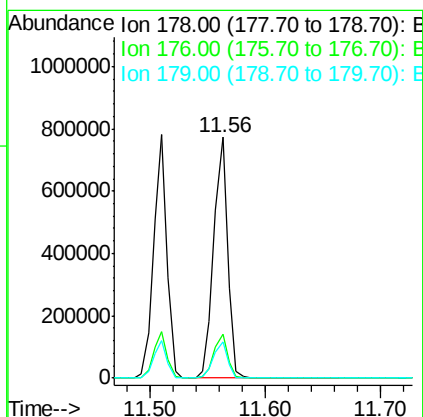
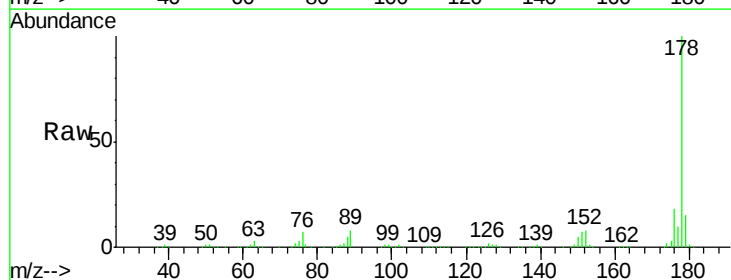
Instrument :
 BNA_F
 ClientSampleId :

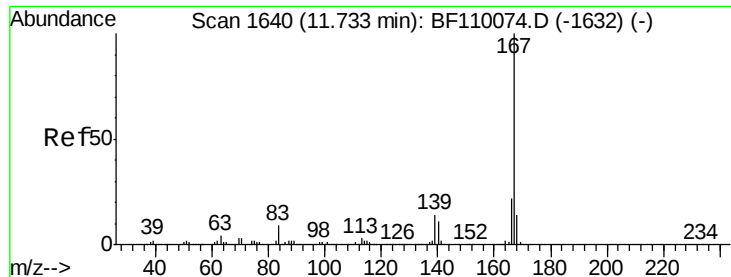
Tot Ion:178 Resp: 637578
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.3 12.5 18.7



#72
 Anthracene
 Concen: 39.77 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Tgt Ion:178 Resp: 649423
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.0 12.6 18.8

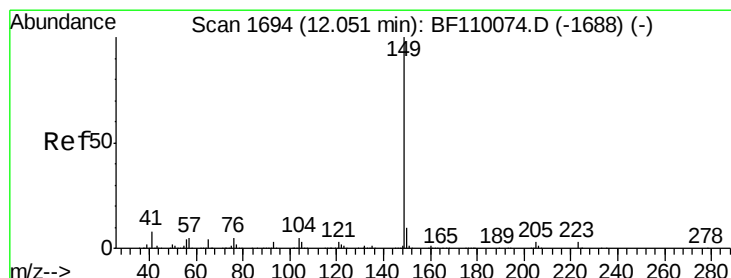
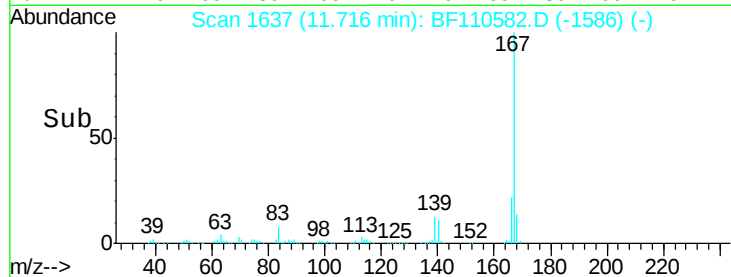
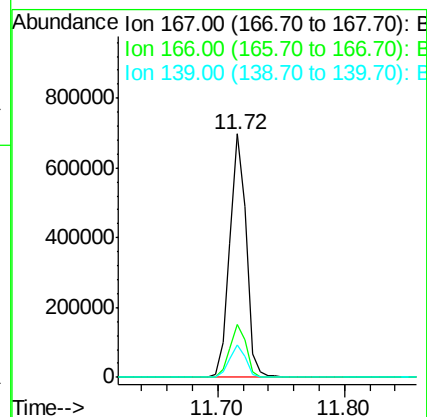
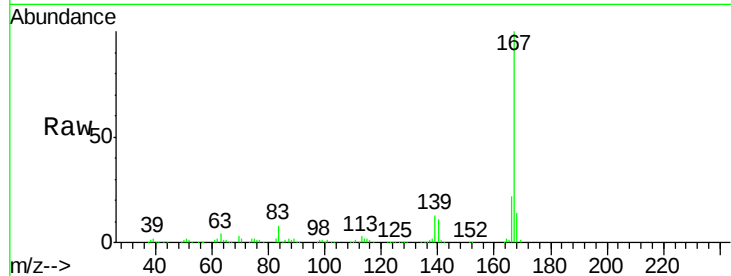




#73
 Carbazole
 Concen: 40.10 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

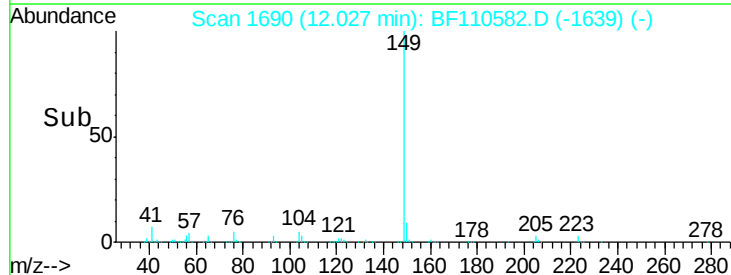
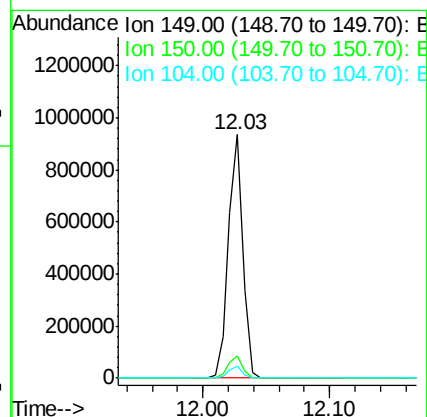
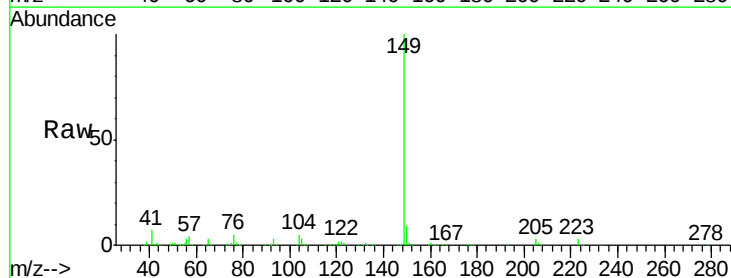
Instrument :
 BNA_F
 ClientSampleId :

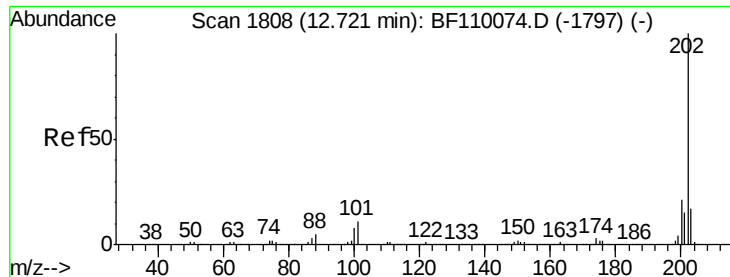
Tot Ion:167 Resp: 628777
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.49 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110582.D
 Acq: 8 Nov 2018 14:05

Tgt Ion:149 Resp: 744566
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 40.65 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

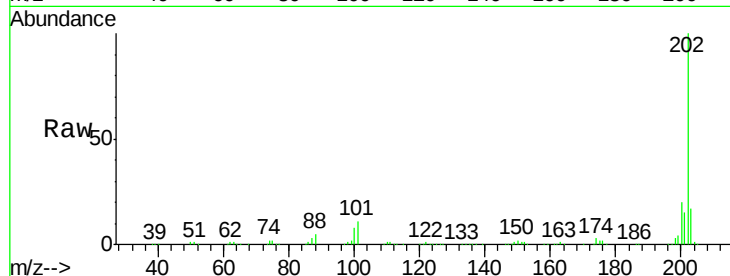
Tot Ion:202 Resp: 659637

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

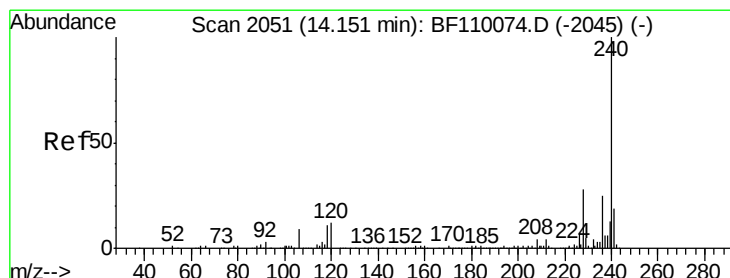
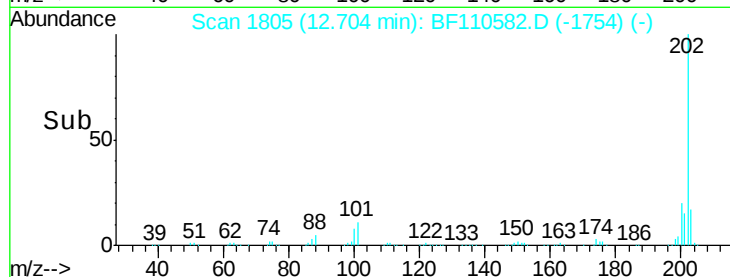
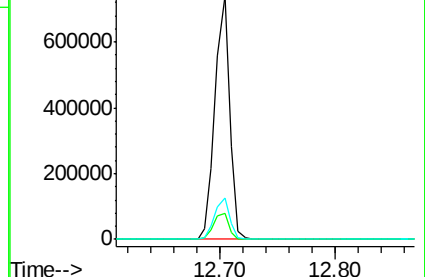
203 17.1 0.0 37.7



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: 20.00 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

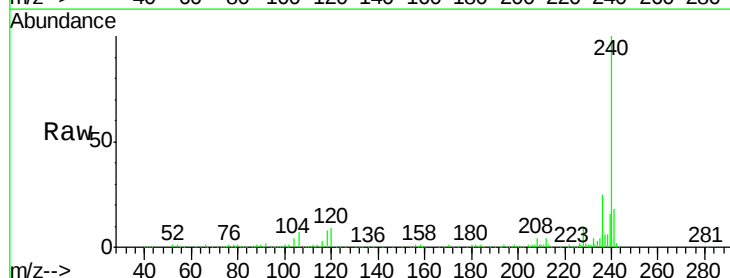
Tgt Ion:240 Resp: 228125

Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

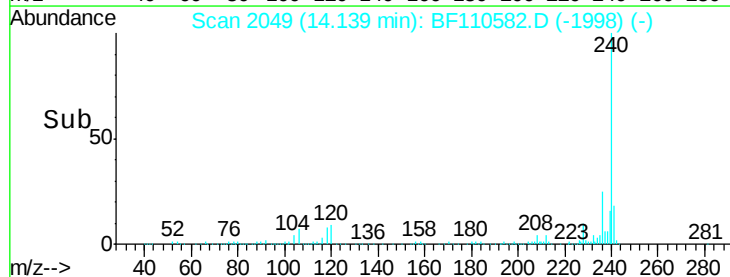
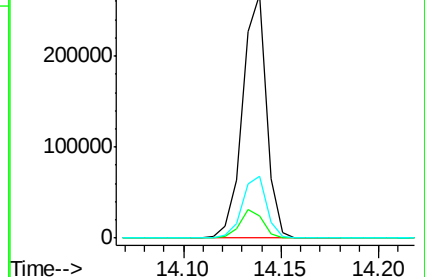
236 25.2 21.2 31.8

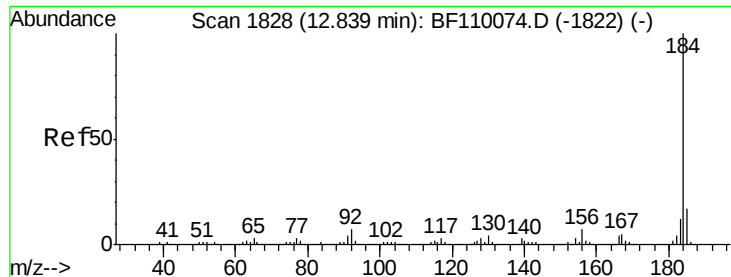


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

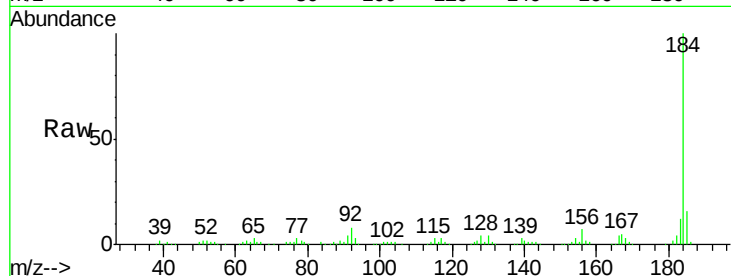




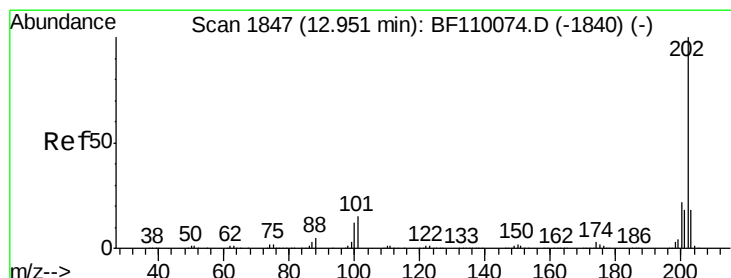
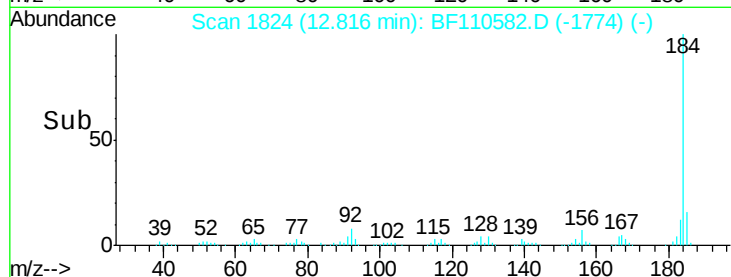
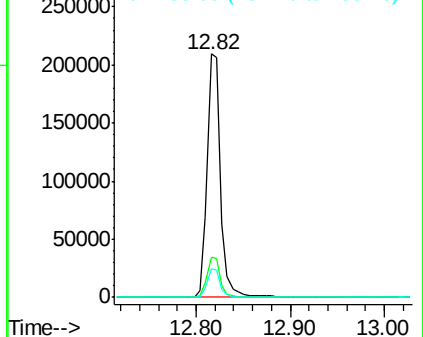
#77
Benzidine
Concen: 33.64 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 211066
Ion Ratio Lower Upper
184 100
185 16.2 13.4 20.2
183 11.8 9.4 14.2

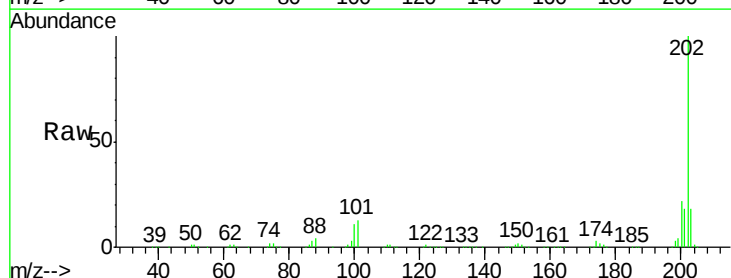


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

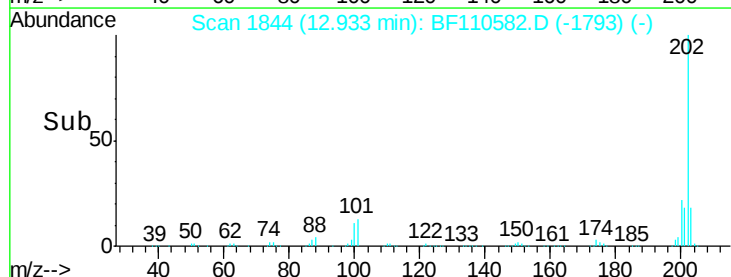
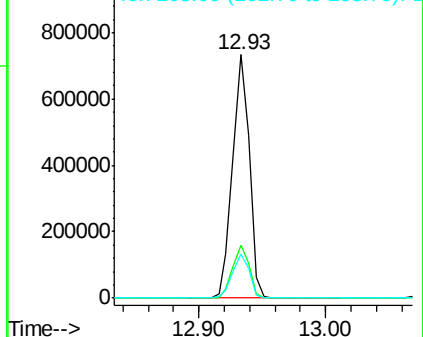


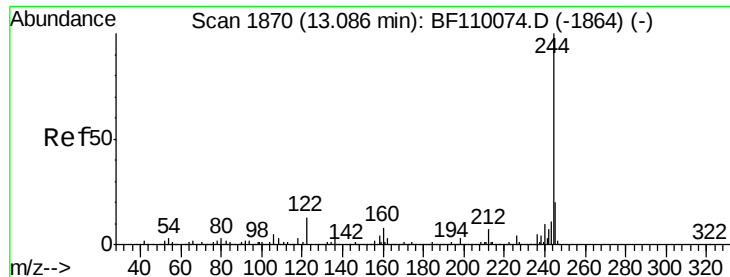
#78
Pyrene
Concen: 37.93 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion:202 Resp: 666306
Ion Ratio Lower Upper
202 100
200 21.8 17.8 26.6
203 17.9 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: 74.41 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

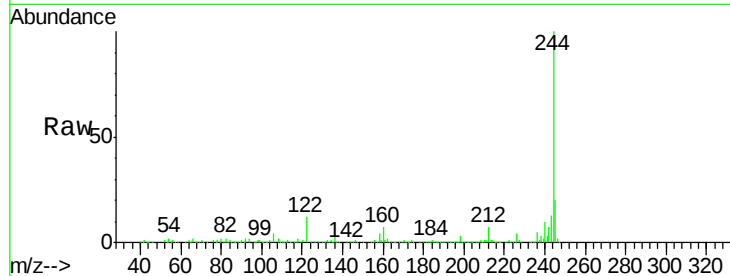
Tot Ion:244 Resp: 906415

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

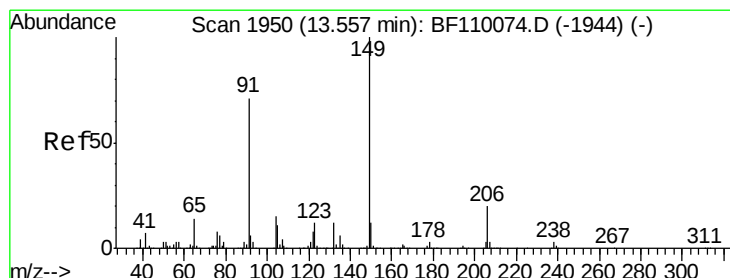
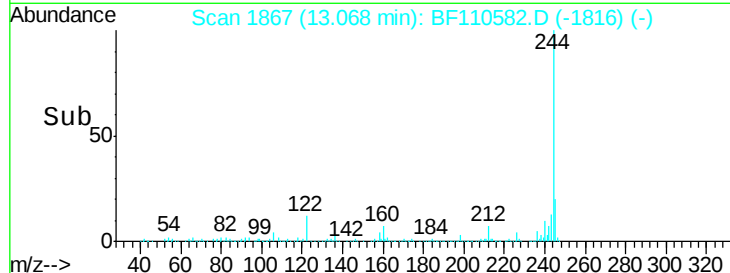
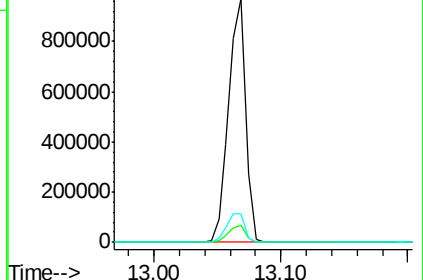
122 11.9 8.7 13.1



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: 40.46 ng

RT: 13.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

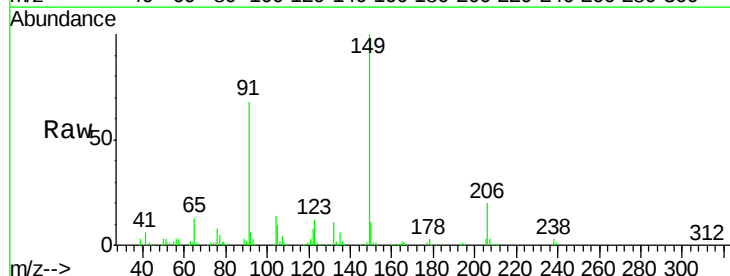
Tgt Ion:149 Resp: 305875

Ion Ratio Lower Upper

149 100

91 67.7 57.2 85.8

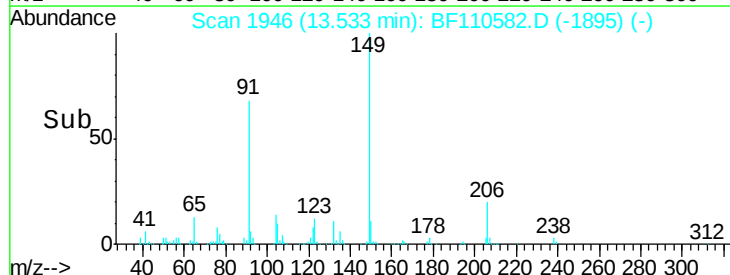
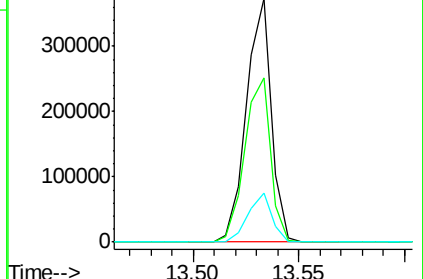
206 20.4 15.7 23.5

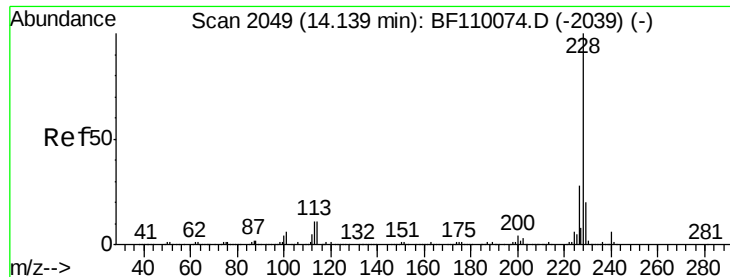


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.85 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Instrument :

BNA_F

ClientSampleId :

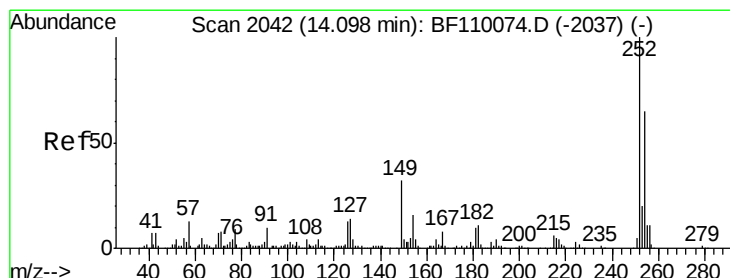
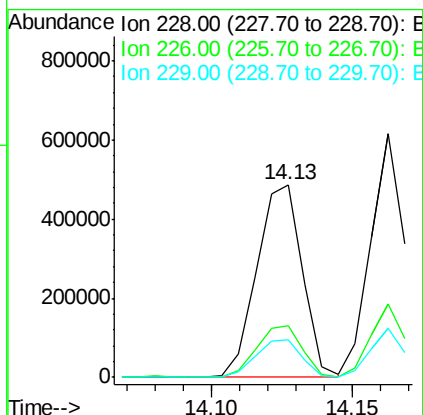
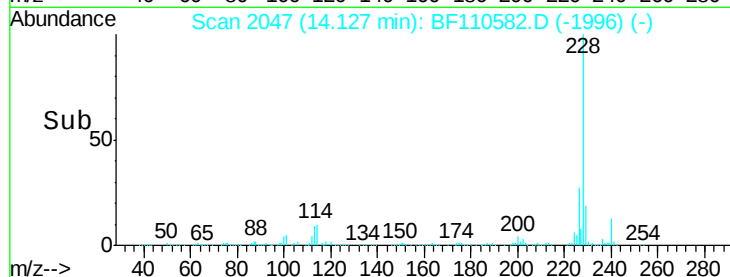
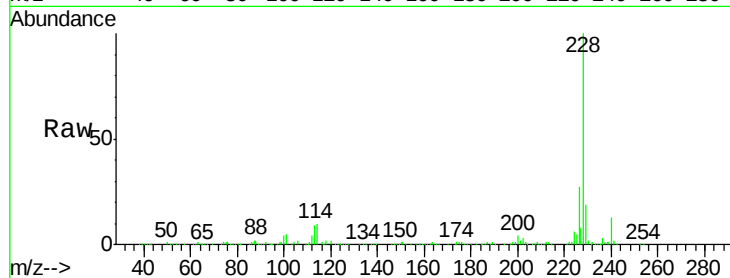
Tot Ion:228 Resp: 543415

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 38.66 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

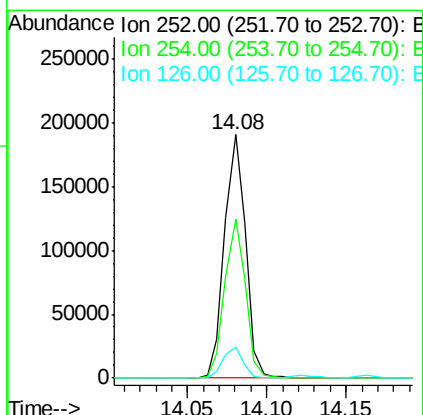
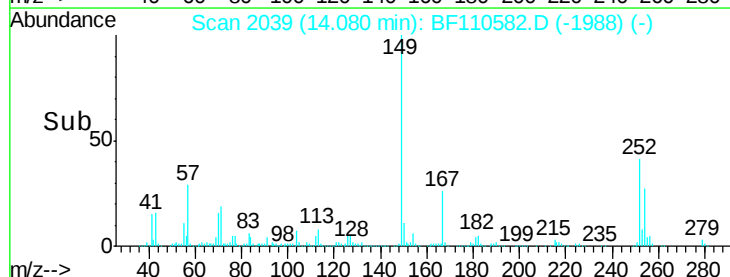
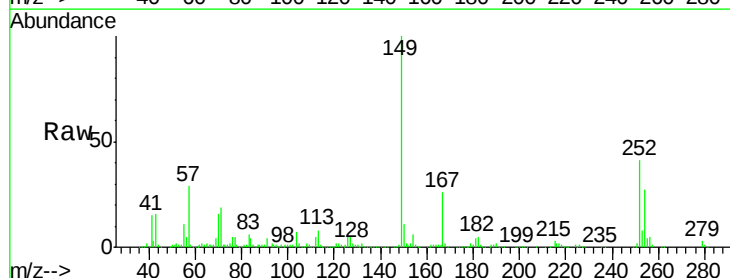
Tgt Ion:252 Resp: 176577

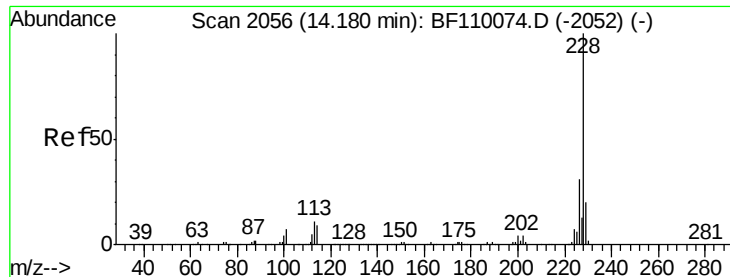
Ion Ratio Lower Upper

252 100

254 65.5 51.3 76.9

126 12.8 9.4 14.2





#83

Chrvsene

Concen: 39.05 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

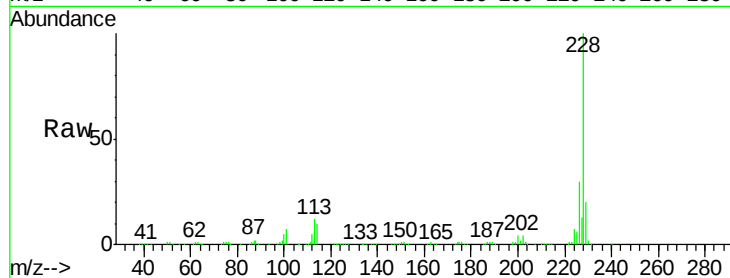
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 507254

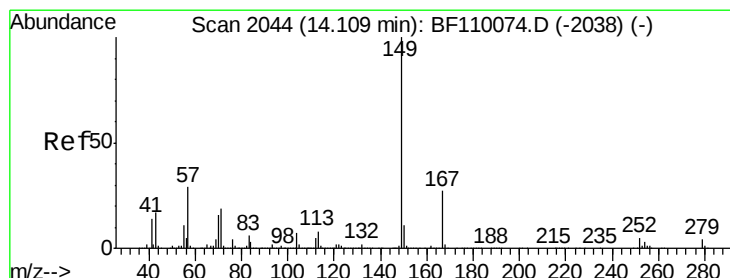
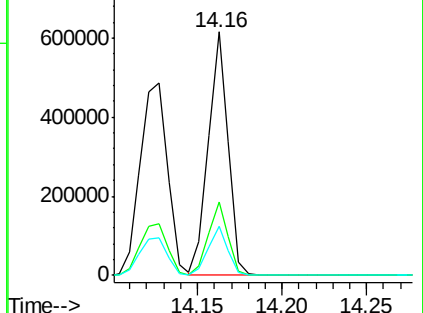
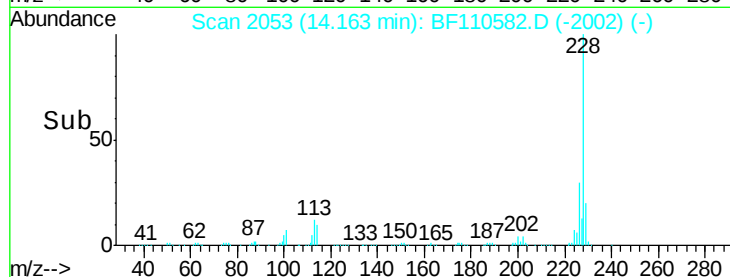
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	20.3	15.9	23.9



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: 41.26 ng

RT: 14.08 min Scan# 2039

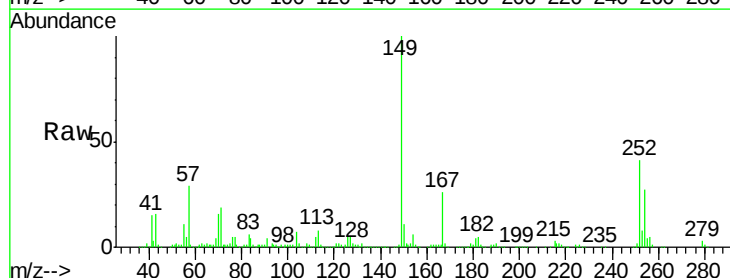
Delta R.T. 0.00 min

Lab File: BF110582.D

Acq: 8 Nov 2018 14:05

Tgt Ion:149 Resp: 386950

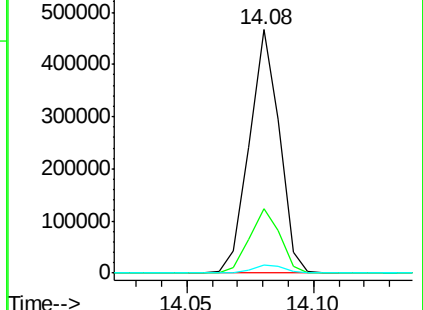
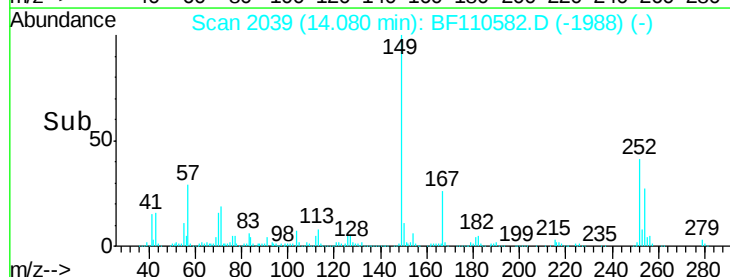
Ion	Ratio	Lower	Upper
149	100		
167	26.4	19.8	29.8
279	3.4	2.7	4.1

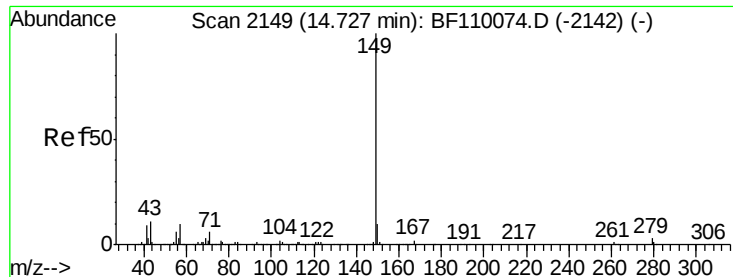


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

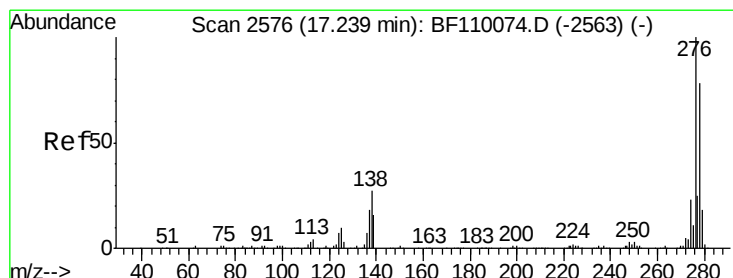
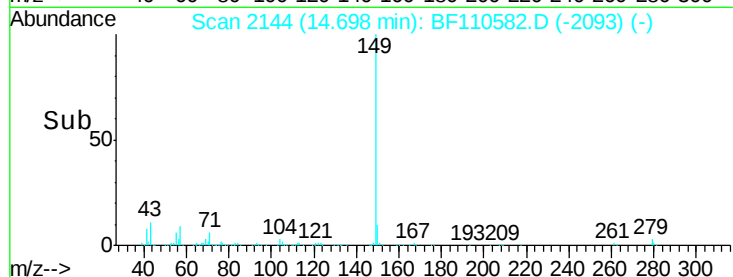
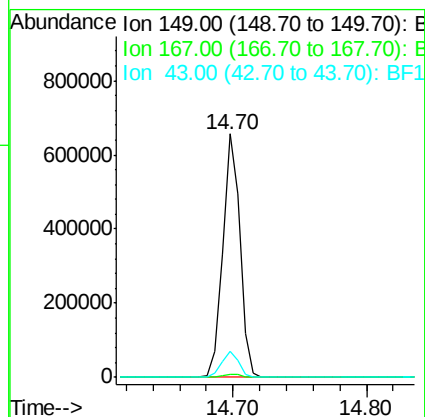
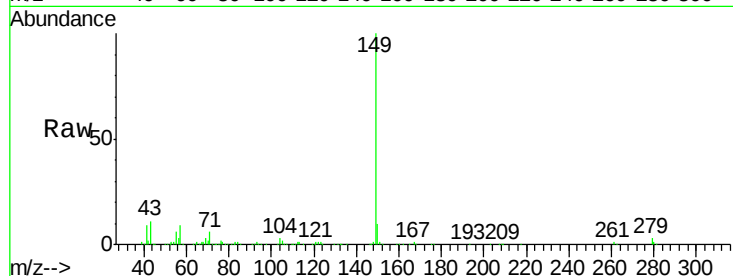




#85
Di-n-octyl phthalate
Concen: 43.41 ng
RT: 14.70 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

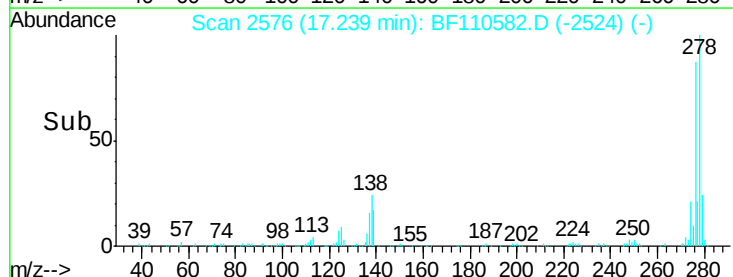
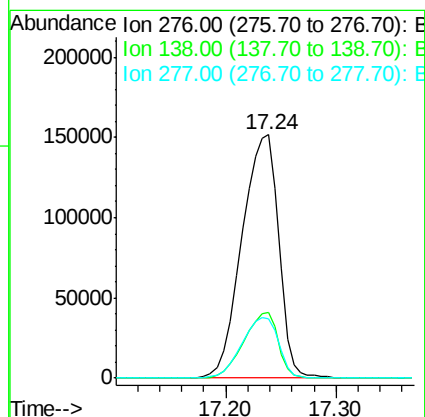
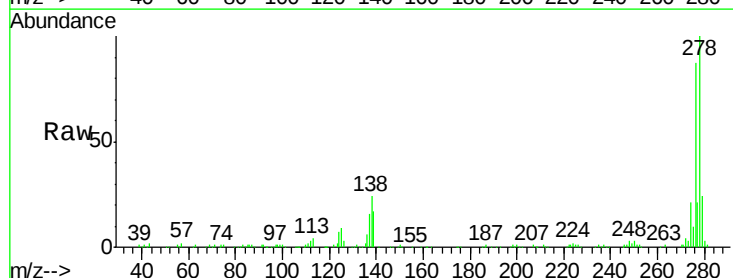
Instrument :
BNA_F
ClientSampleId :

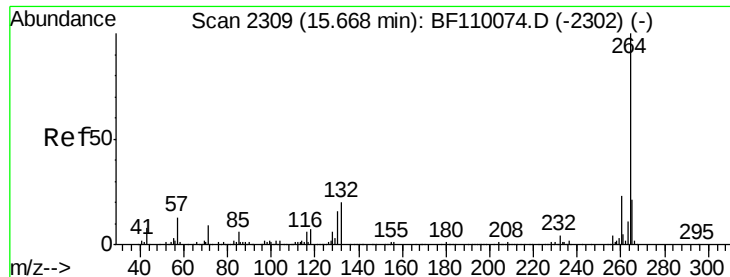
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.4	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.13 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	18.5	27.7
277	25.0	20.0	30.0



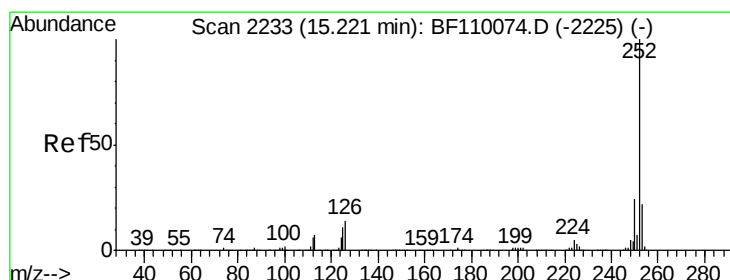
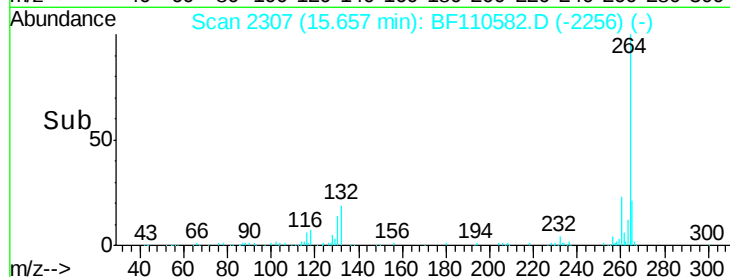
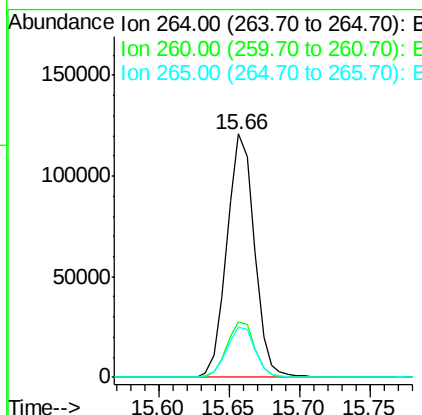
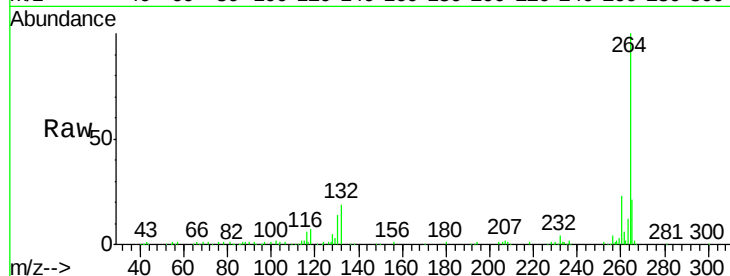


#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 164189

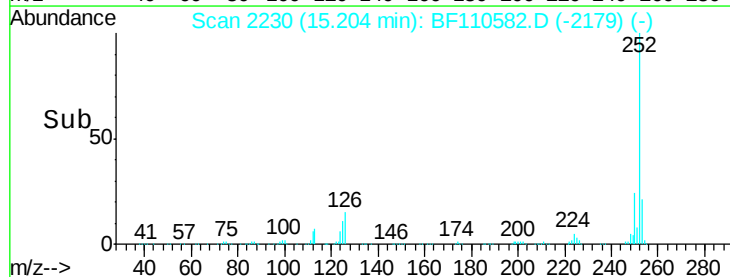
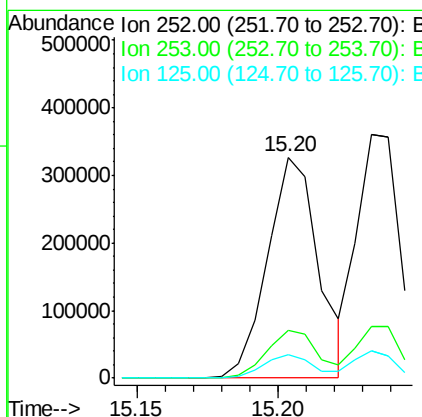
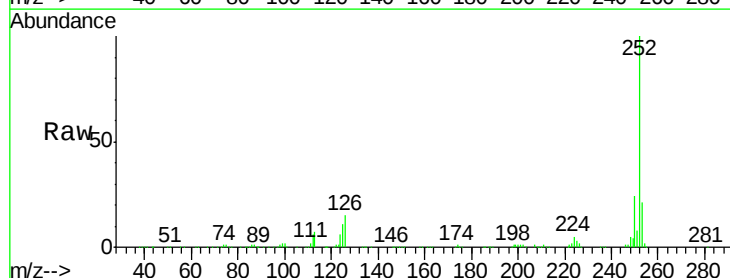
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	20.9	16.7	25.1

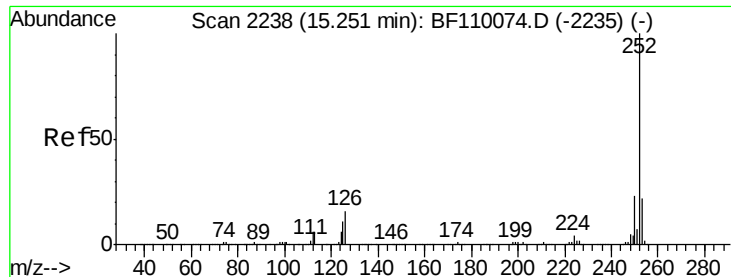


#88
Benzo(b)fluoranthene
Concen: 41.82 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion:252 Resp: 410723

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	10.7	8.2	12.4

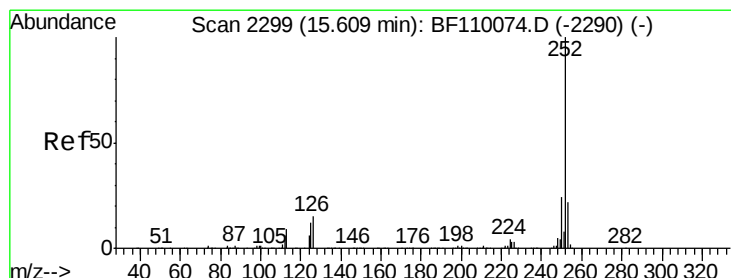
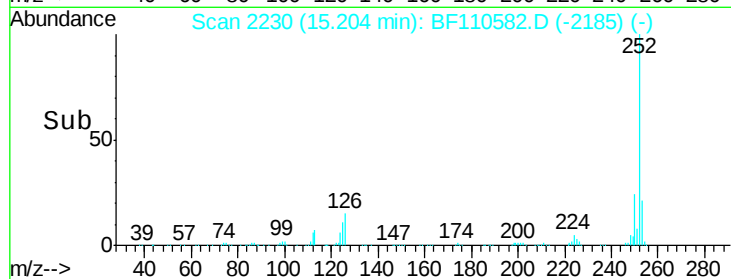
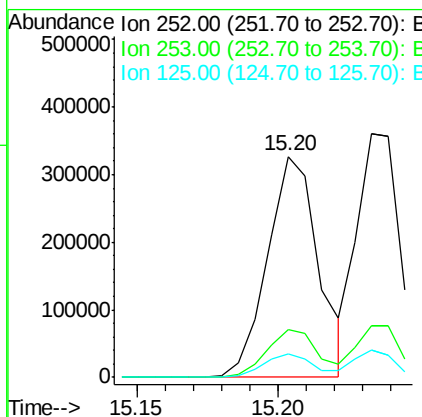
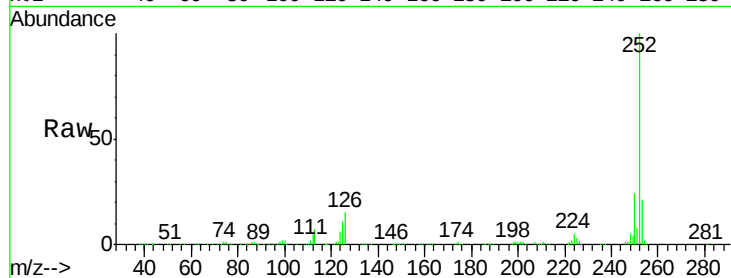




#89
Benzo(k)fluoranthene
Concen: 42.32 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

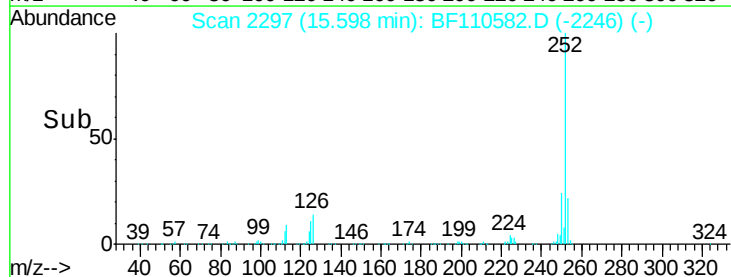
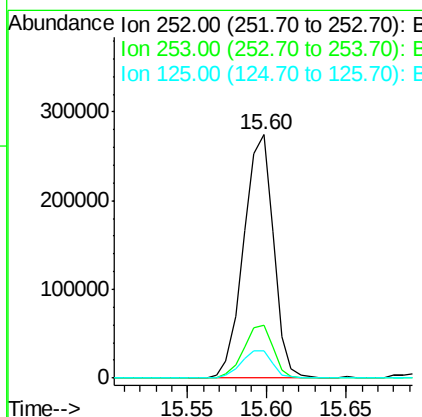
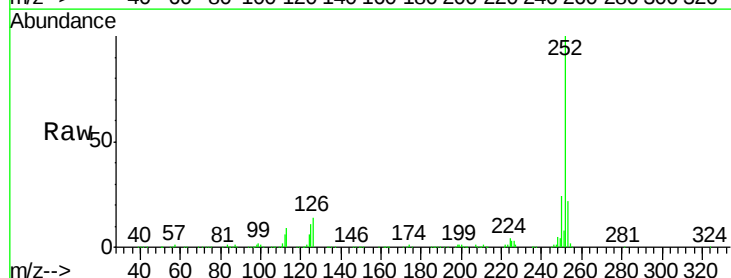
Instrument :
BNA_F
ClientSampled :

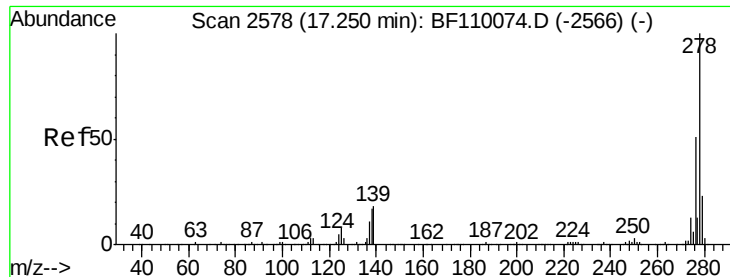
Tot Ion:252 Resp: 410723
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 10.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.27 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion:252 Resp: 359382
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 11.3 9.0 13.6

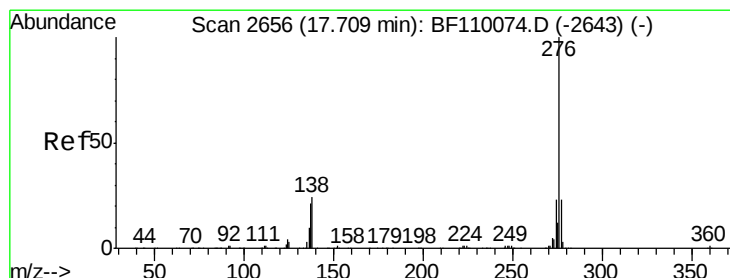
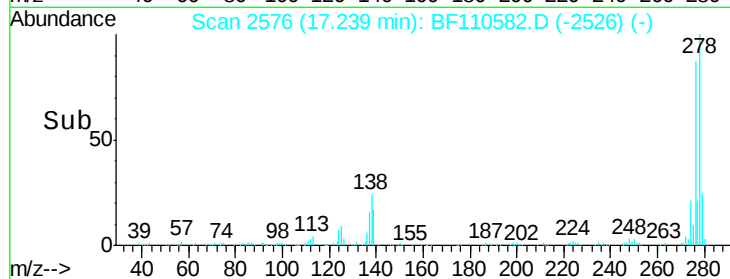
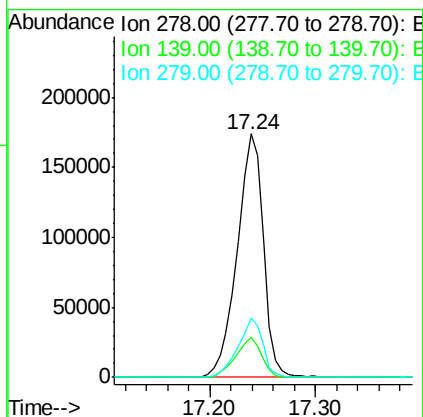
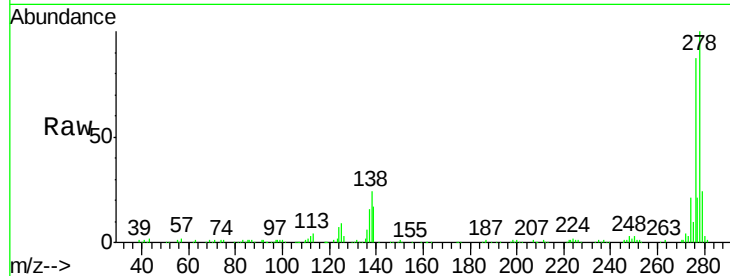




#91
Dibenzo(a,h)anthracene
Concen: 39.42 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 297701
Ion Ratio Lower Upper
278 100
139 16.6 12.7 19.1
279 24.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 39.12 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.00 min
Lab File: BF110582.D
Acq: 8 Nov 2018 14:05

Tgt Ion:276 Resp: 293166
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 21.1 16.0 24.0

