

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110926.D
 Acq On : 21 Nov 2018 14:15
 Operator : JU/SJ
 Sample : J6014-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 14:58:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57630	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	233237	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	113778	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	217258	20.00	ng	0.00
76) Chrysene-d12	14.13	240	139287	20.00	ng	0.00
87) Perylene-d12	15.67	264	115536	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	488164	137.59	ng	0.00
7) Phenol-d6	6.57	99	613646	135.25	ng	0.00
23) Nitrobenzene-d5	7.51	82	384379	94.91	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	150578	131.34	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	612931	76.94	ng	0.00
79) Terphenyl-d14	13.06	244	623091	83.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	50472	28.551	ng	# 86
3) Pyridine	3.60	79	135546	35.522	ng	# 84
4) n-Nitrosodimethylamine	3.55	42	76424	46.678	ng	87
6) Aniline	6.61	93	151281	25.569	ng	# 56
8) 2-Chlorophenol	6.73	128	174272	41.900	ng	95
9) Benzaldehyde	6.50	77	75203	28.617	ng	95
10) Phenol	6.59	94	242678	46.129	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	155193	39.363	ng	91
12) 1,3-Dichlorobenzene	6.88	146	177205	38.939	ng	99
13) 1,4-Dichlorobenzene	6.96	146	182836	39.565	ng	97
14) 1,2-Dichlorobenzene	7.11	146	172530	40.133	ng	98
15) Benzyl Alcohol	7.09	79	148778	41.904	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	248658	40.161	ng	74
17) 2-Methylphenol	7.19	107	138205	41.752	ng	# 85
18) Hexachloroethane	7.45	117	68400	40.093	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	117128	40.443	ng	95
20) 3+4-Methylphenols	7.35	107	183307	43.139	ng	# 85
22) Acetophenone	7.35	105	239906	44.135	ng	# 91
24) Nitrobenzene	7.53	77	183460	44.213	ng	97
25) Isophorone	7.76	82	320700	48.313	ng	95
26) 2-Nitrophenol	7.85	139	92647	44.755	ng	94
27) 2,4-Dimethylphenol	7.87	122	158629	50.317	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	202652	45.090	ng	99
29) 2,4-Dichlorophenol	8.09	162	147442	45.452	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	153398	41.941	ng	95
31) Naphthalene	8.25	128	497223	45.412	ng	100
32) Benzoic acid	7.99	122	31727	14.224	ng	91
33) 4-Chloroaniline	8.30	127	69655	14.045	ng	97
34) Hexachlorobutadiene	8.35	225	83971	40.195	ng	97
35) Caprolactam	8.67	113	29760	27.459	ng	# 84
36) 4-Chloro-3-methylphenol	8.79	107	161466	46.152	ng	96
37) 2-Methylnaphthalene	8.94	142	346438	48.266	ng	99
38) 1-Methylnaphthalene	9.04	142	322388	46.703	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	144819	40.210	ng	98

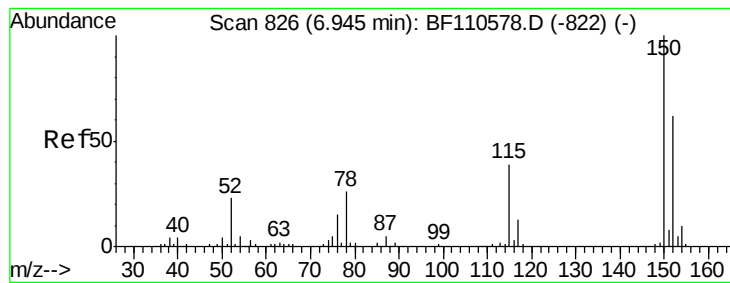
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
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Quant Time: Nov 21 14:58:51 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	40250	33.561	nq	99
43) 2,4,6-Trichlorophenol	9.22	196	98039	43.319	nq	98
44) 2,4,5-Trichlorophenol	9.27	196	102989	42.661	nq	94
46) 1,1'-Biphenyl	9.40	154	422637	39.819	nq	100
47) 2-Chloronaphthalene	9.43	162	317116	41.471	nq	99
48) 2-Nitroaniline	9.53	65	105379	44.721	nq	98
49) Acenaphthylene	9.85	152	499924	45.397	nq	99
50) Dimethylphthalate	9.70	163	431766	50.857	nq	99
51) 2,6-Dinitrotoluene	9.77	165	83274	44.589	nq	95
52) Acenaphthene	10.02	154	299727	43.068	nq	98
53) 3-Nitroaniline	9.95	138	55665	25.727	nq	93
54) 2,4-Dinitrophenol	10.07	184	32213	45.456	nq	92
55) Dibenzofuran	10.19	168	435228	42.745	nq	99
56) 4-Nitrophenol	10.12	139	104973	73.129	nq	96
57) 2,4-Dinitrotoluene	10.19	165	112072	46.153	nq	97
58) Fluorene	10.54	166	364759	46.640	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	87051	45.837	nq	94
60) Diethylphthalate	10.40	149	382621	45.555	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	170456	42.095	nq	99
62) 4-Nitroaniline	10.57	138	82883	38.040	nq	99
63) Azobenzene	10.68	77	352955	43.072	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	34572	31.574	nq	95
66) n-Nitrosodiphenylamine	10.65	169	316468	43.215	nq	96
67) 4-Bromophenyl-phenylether	11.01	248	100920	42.030	nq #	87
68) Hexachlorobenzene	11.09	284	106036	41.886	nq #	90
69) Atrazine	11.17	200	105598	47.161	nq	97
70) Pentachlorophenol	11.29	266	80524	59.612	nq	97
71) Phenanthrene	11.50	178	529962	45.531	nq	100
72) Anthracene	11.56	178	549697	46.817	nq	99
73) Carbazole	11.72	167	484155	42.936	nq	100
74) Di-n-butylphthalate	12.02	149	608955	46.052	nq	99
75) Fluoranthene	12.70	202	543422	46.568	nq	96
77) Benzidine	12.82	184	133265	34.791	nq	97
78) Pyrene	12.93	202	534754	49.862	nq	99
80) Butylbenzylphthalate	13.53	149	242200	52.469	nq	98
81) Benzo(a)anthracene	14.12	228	388895	46.712	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	74377	26.669	nq	100
83) Chrysene	14.16	228	361144	45.533	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	324340	56.640	nq	97
85) Di-n-octyl phthalate	14.69	149	462046	54.870	nq	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	369044	64.840	nq	98
88) Benzo(b)fluoranthene	15.21	252	289482	41.883	nq	99
89) Benzo(k)fluoranthene	15.24	252	306576	44.889	nq	99
90) Benzo(a)pyrene	15.60	252	295683	47.084	nq	99
91) Dibenzo(a,h)anthracene	17.26	278	307227	57.811	nq	98
92) Benzo(g,h,i)perylene	17.74	276	312044	59.180	nq	99

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

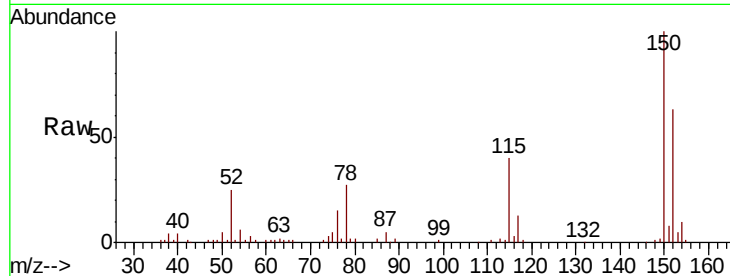


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.7	184.1
115	63.4	49.1	73.7

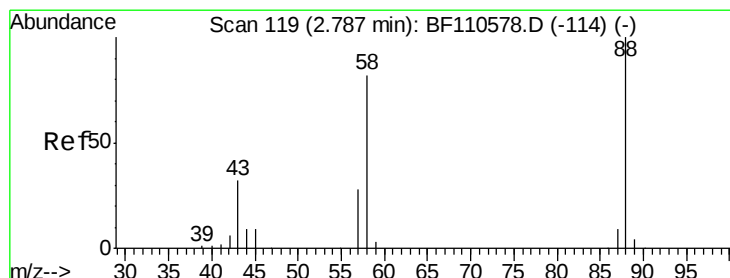
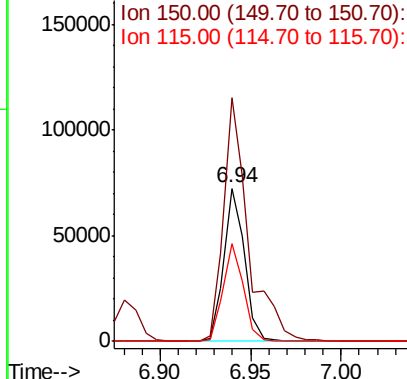
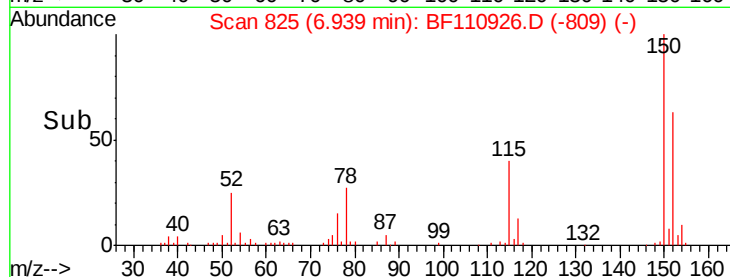


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

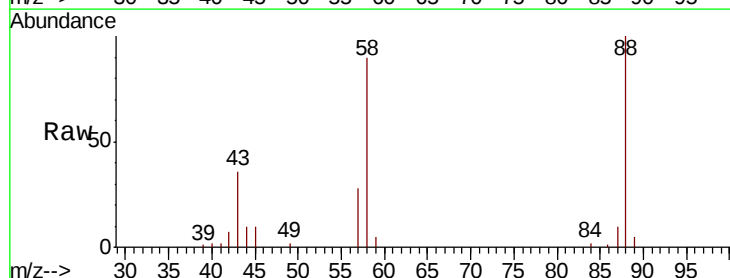
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.551 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	57.1	85.7#
43	32.9	24.1	36.1

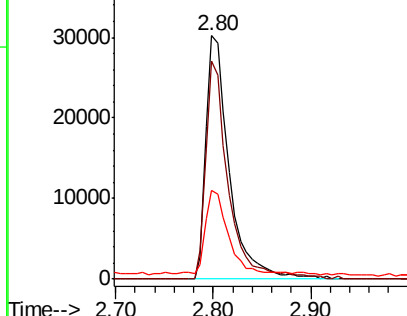
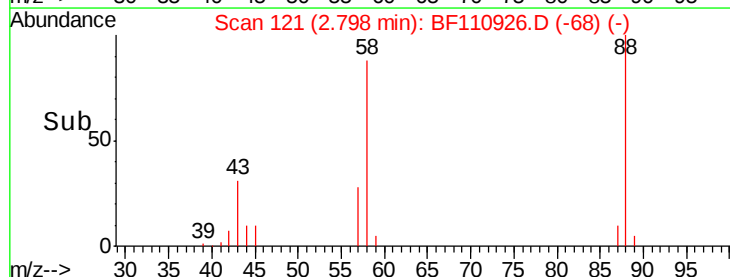


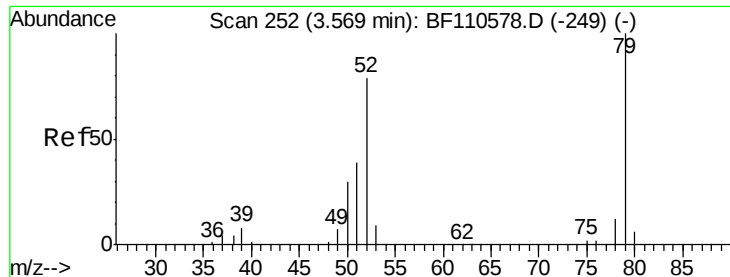
Abundance

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

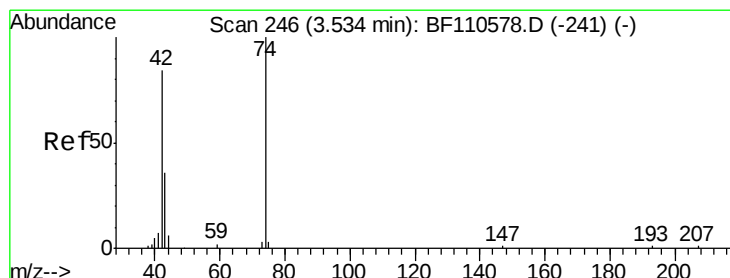
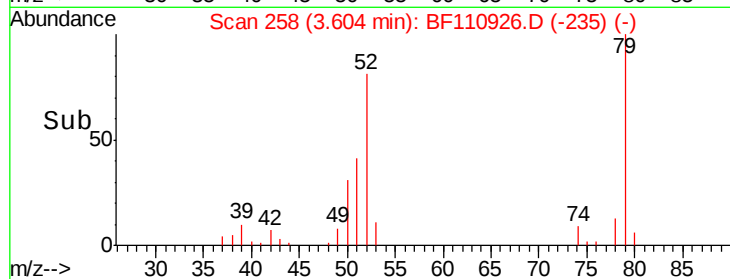
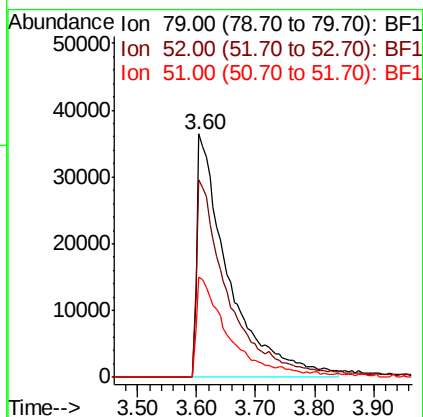
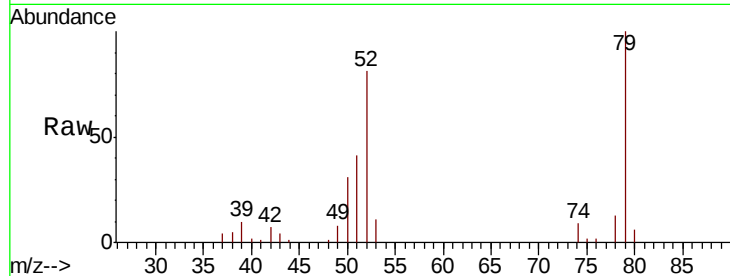




#3
 Pvridine
 Concen: 35.522 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.04 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

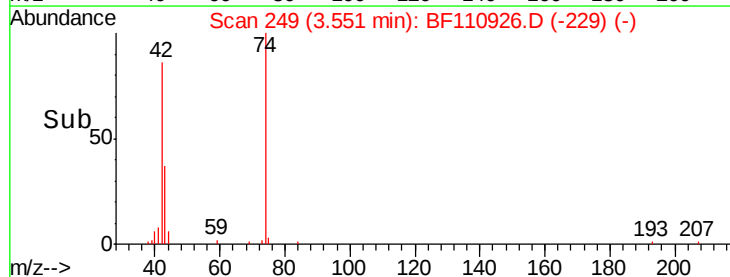
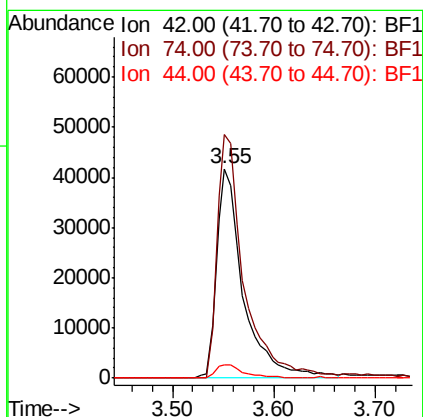
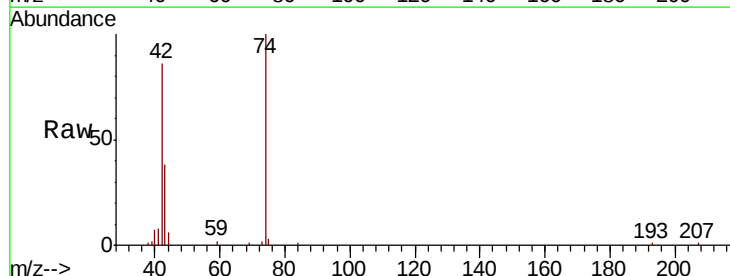
Instrument :
 BNA_F
 ClientSampled :

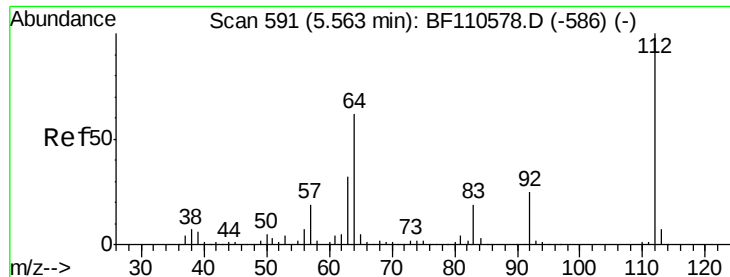
Tot Ion: 79 Resp: 135546
 Ion Ratio Lower Upper
 79 100
 52 81.3 53.1 79.7#
 51 41.1 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 46.678 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.02 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion: 42 Resp: 76424
 Ion Ratio Lower Upper
 42 100
 74 116.2 105.5 158.3
 44 6.5 4.9 7.3





#5

2-Fluorophenol

Concen: 137.590 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

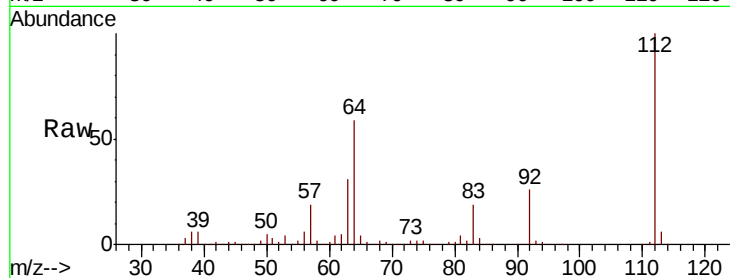
Tot Ion:112 Resp: 488164

Ion Ratio Lower Upper

112 100

64 59.2 44.1 66.1

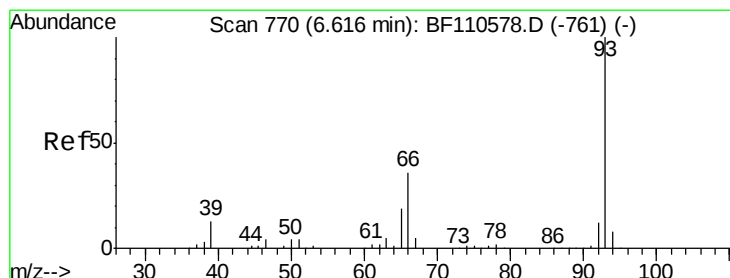
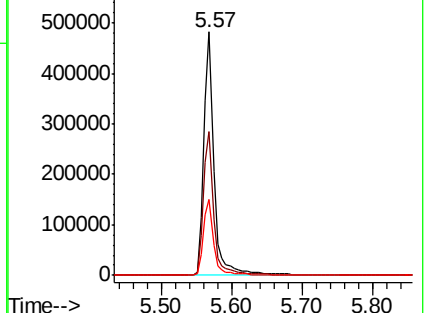
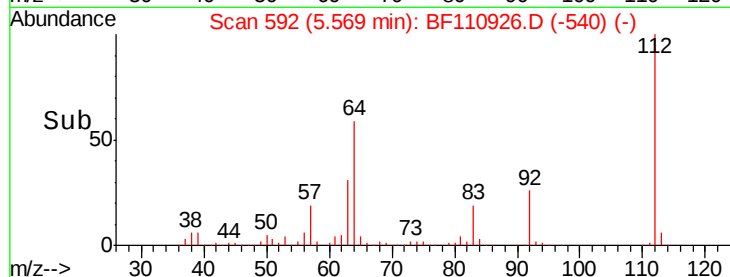
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.569 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

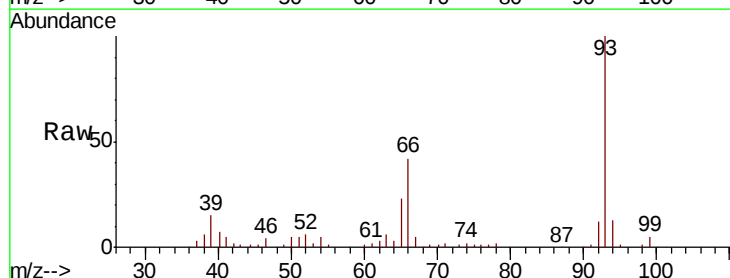
Tgt Ion: 93 Resp: 151281

Ion Ratio Lower Upper

93 100

66 41.7 67.4 101.0#

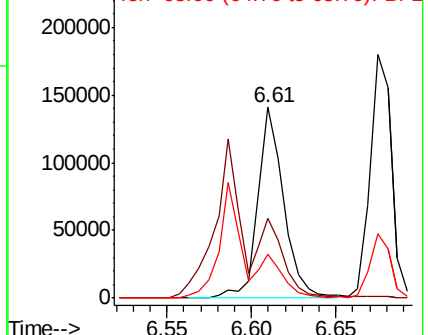
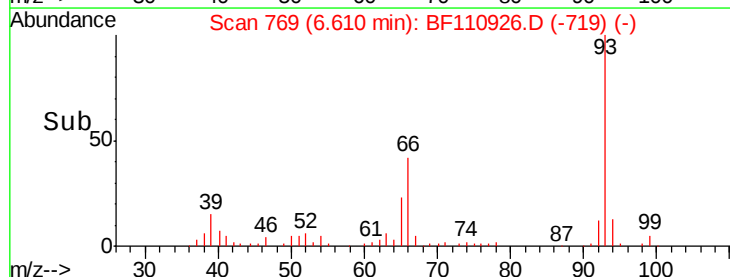
65 22.9 41.0 61.4#

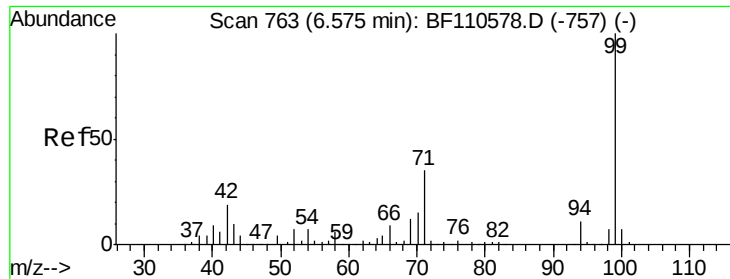


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 135.254 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

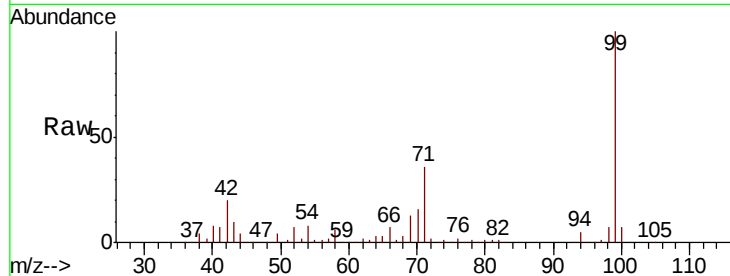
Tot Ion: 99 Resp: 613646

Ion Ratio Lower Upper

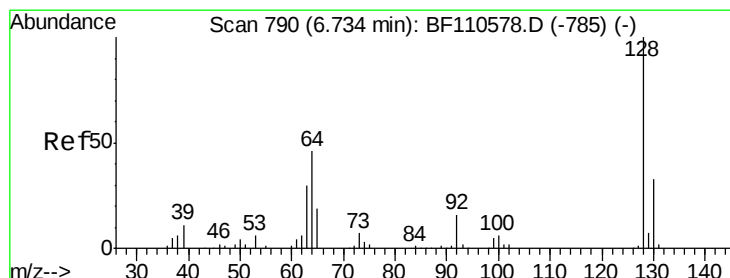
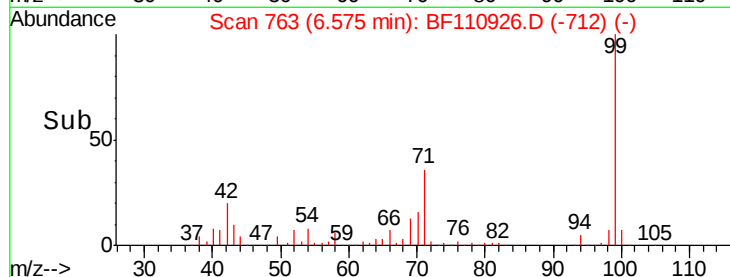
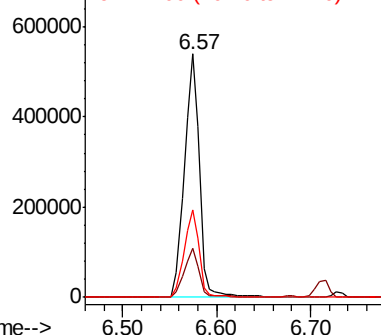
99 100

42 20.3 15.8 23.6

71 36.0 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: 41.900 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

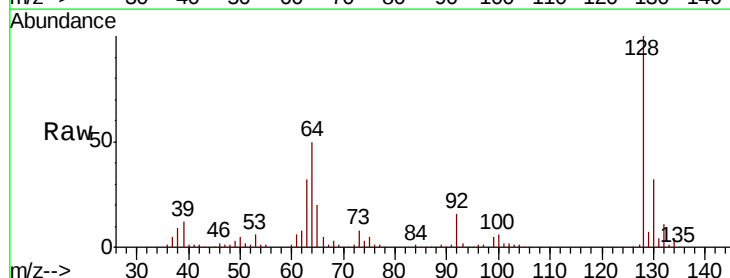
Tgt Ion: 128 Resp: 174272

Ion Ratio Lower Upper

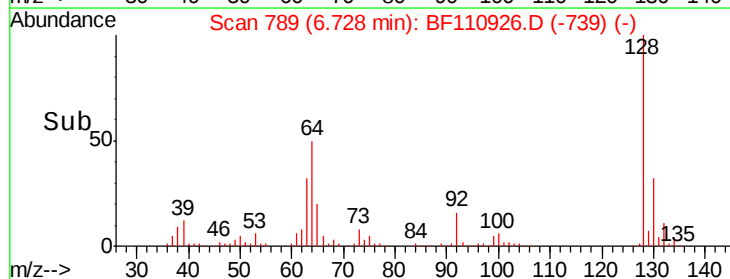
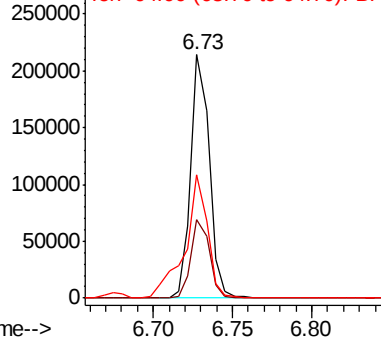
128 100

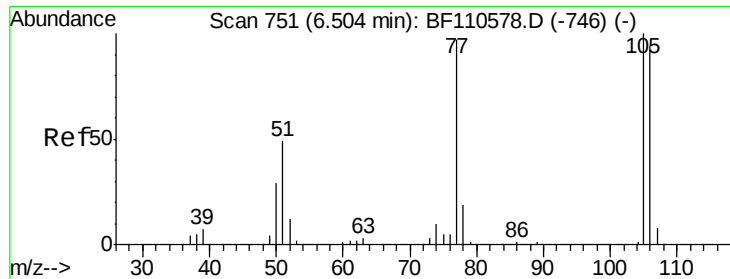
130 32.2 13.1 53.1

64 50.5 26.0 66.0



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

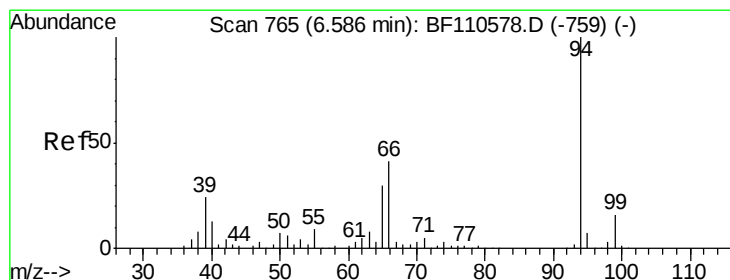
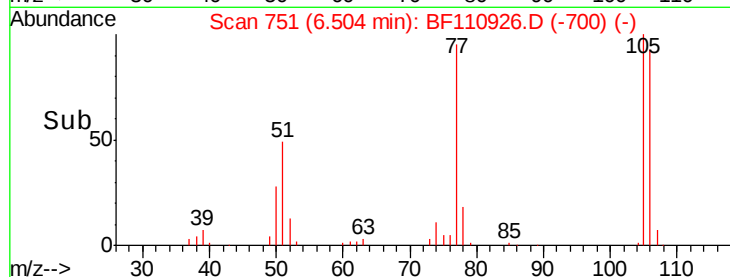
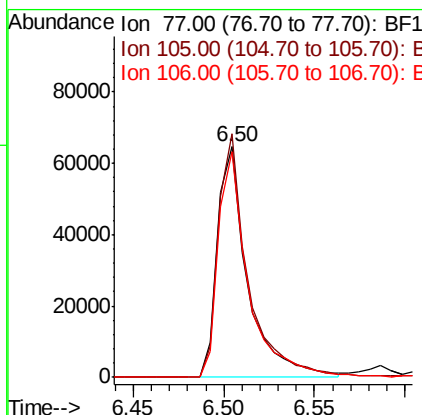
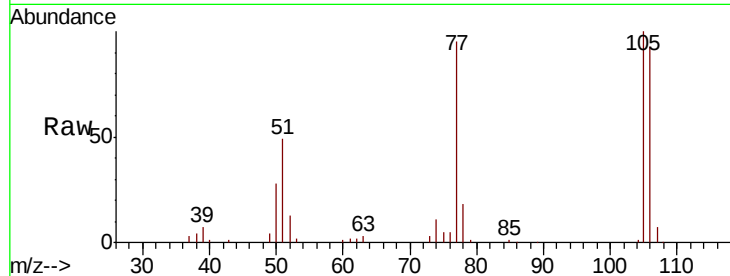




#9
Benzaldehyde
Concen: 28.617 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

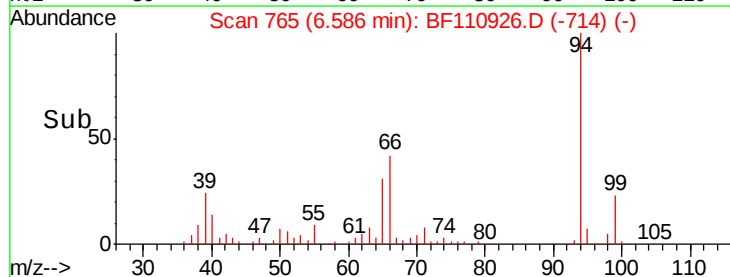
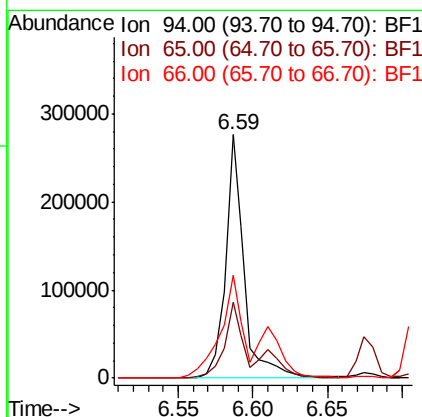
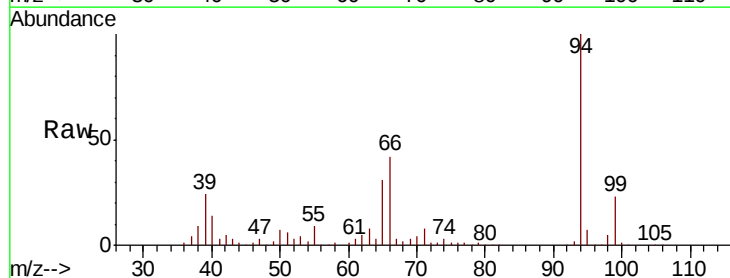
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 75203
Ion Ratio Lower Upper
77 100
105 105.5 78.6 118.6
106 97.9 74.8 114.8



#10
Phenol
Concen: 46.129 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion: 94 Resp: 242678
Ion Ratio Lower Upper
94 100
65 30.9 25.3 65.3
66 42.4 54.5 94.5#

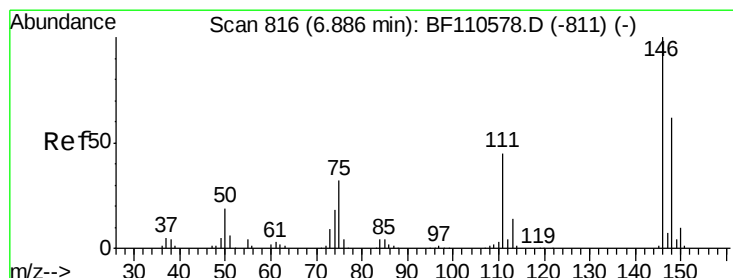
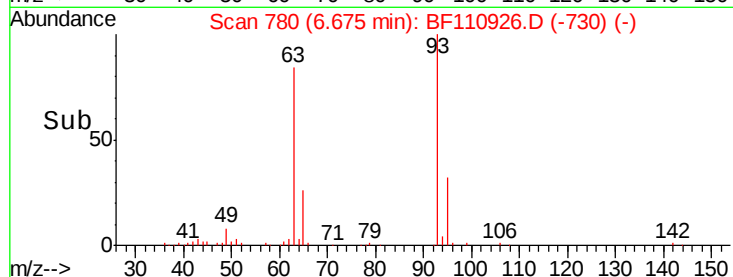
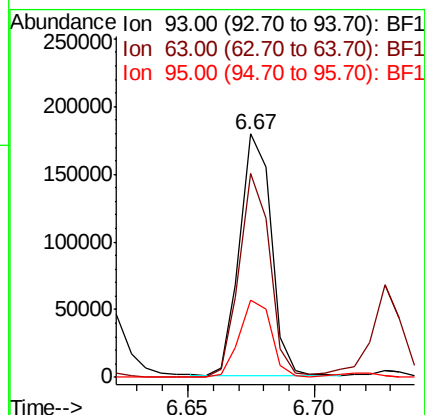
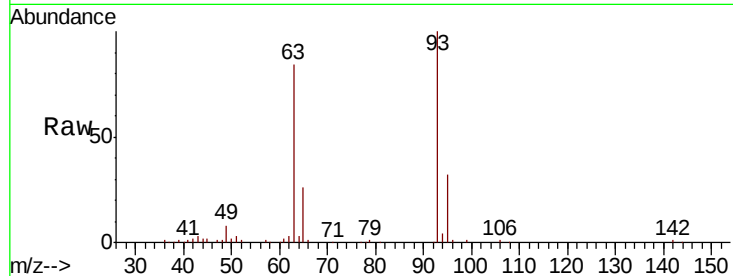




#11
 bis(2-Chloroethyl)ether
 Concen: 39.363 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

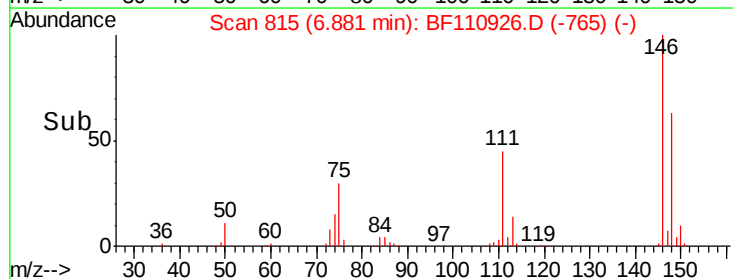
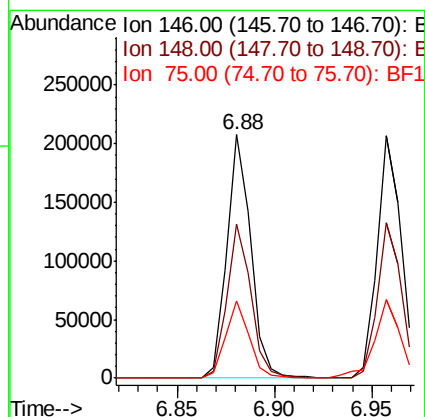
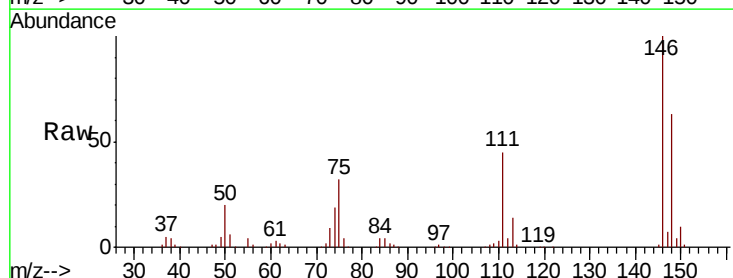
Instrument :
 BNA_F
 ClientSampled :

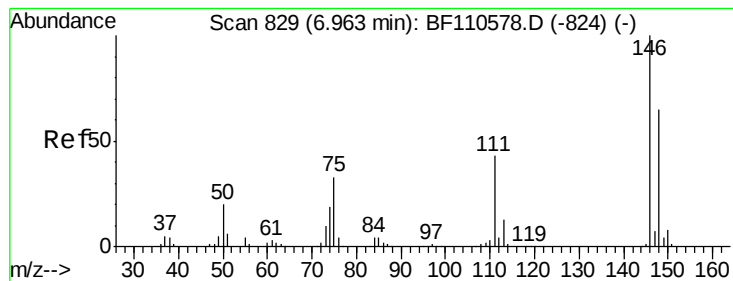
Tot Ion: 93 Resp: 155193
 Ion Ratio Lower Upper
 93 100
 63 83.7 53.4 93.4
 95 31.7 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 38.939 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion: 146 Resp: 177205
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 75 31.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.565 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampled :

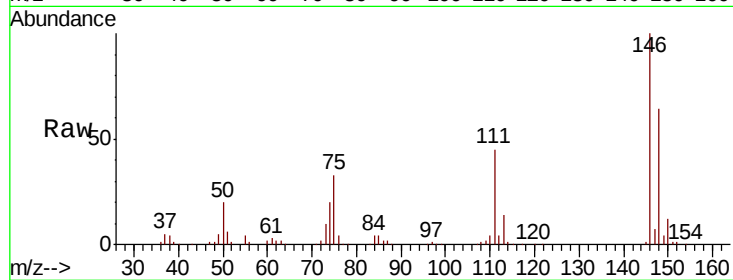
Tot Ion:146 Resp: 182836

Ion Ratio Lower Upper

146 100

148 63.7 50.3 75.5

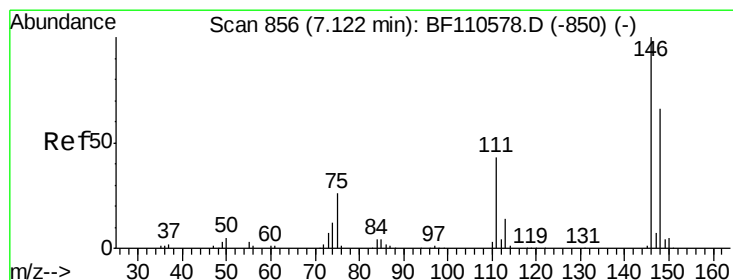
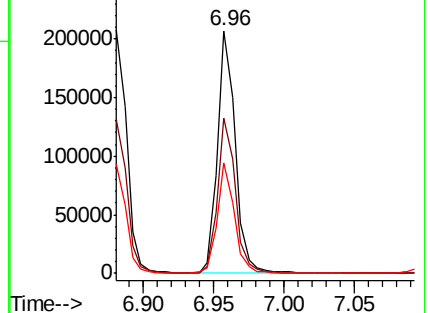
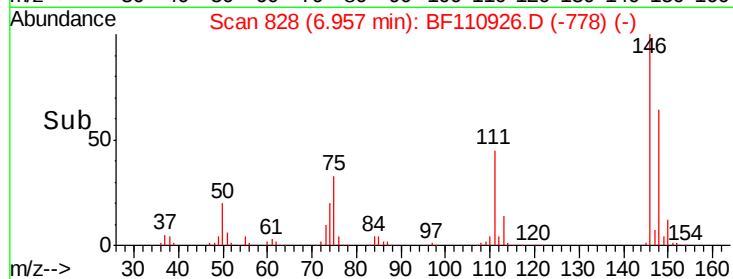
111 45.3 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.133 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

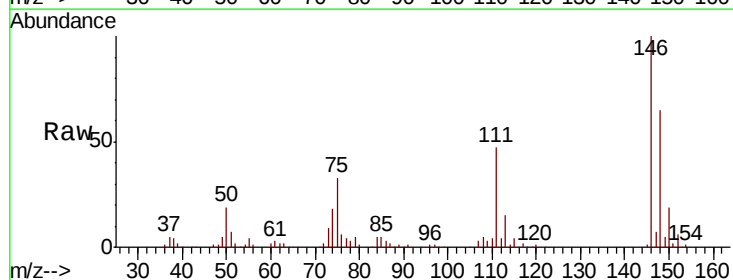
Tgt Ion:146 Resp: 172530

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

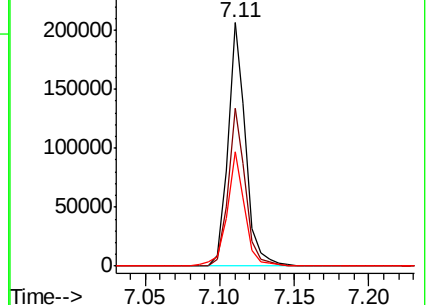
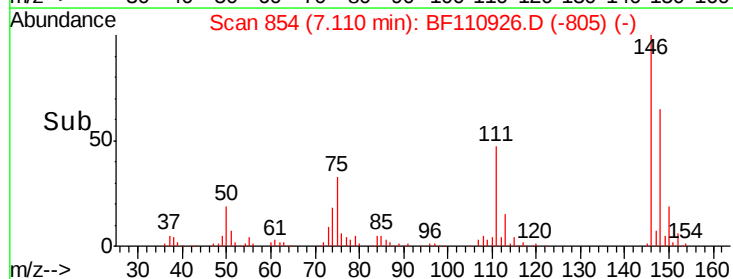
111 46.9 35.8 53.6

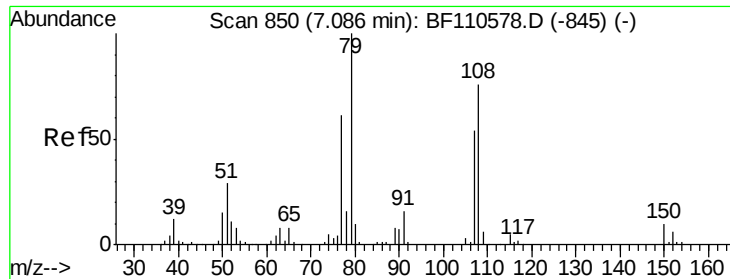


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.904 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampled :

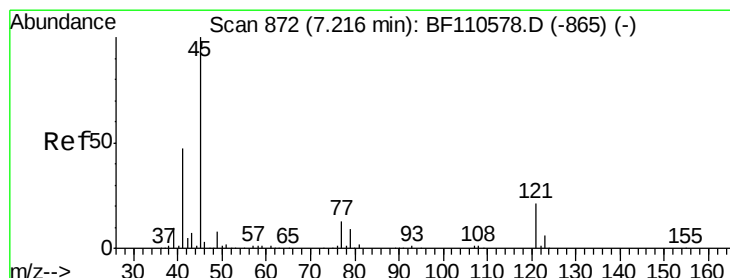
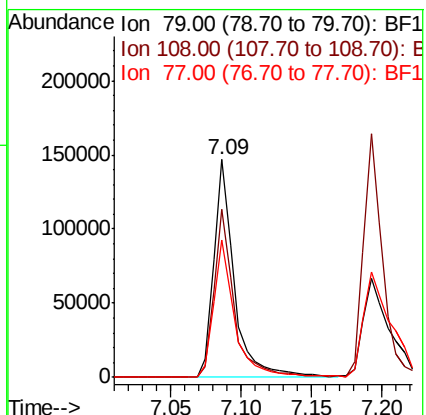
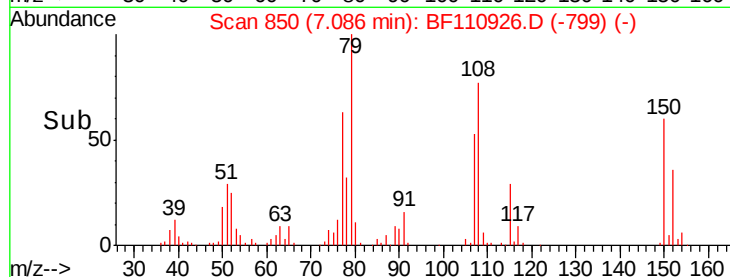
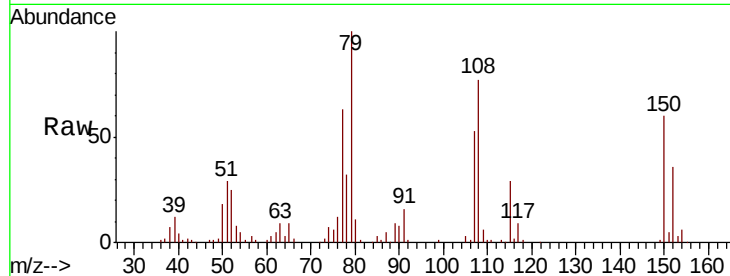
Tot Ion: 79 Resp: 148778

Ion Ratio Lower Upper

79 100

108 77.3 56.3 84.5

77 63.1 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.161 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

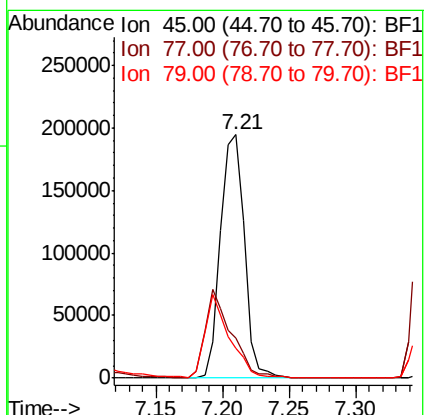
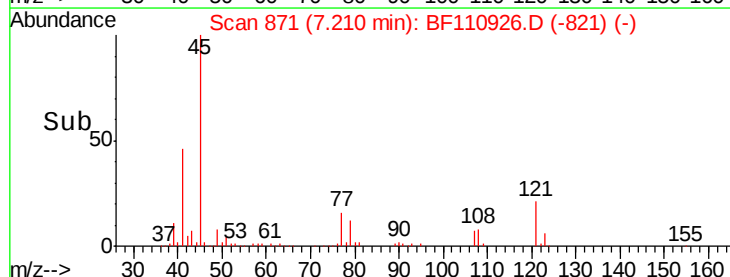
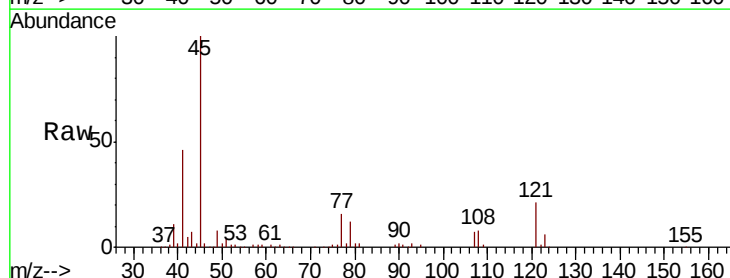
Tgt Ion: 45 Resp: 248658

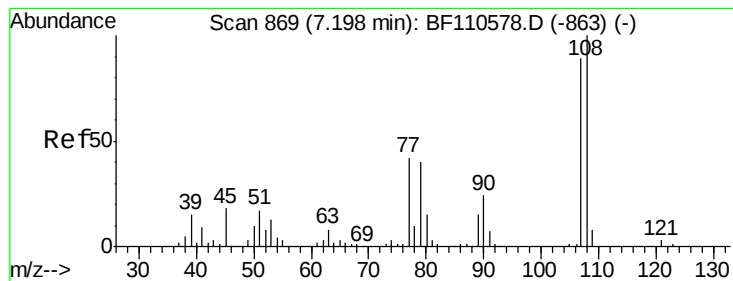
Ion Ratio Lower Upper

45 100

77 16.2 10.0 50.0

79 12.5 6.1 46.1

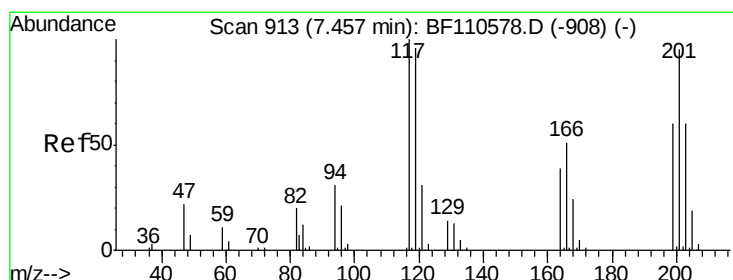
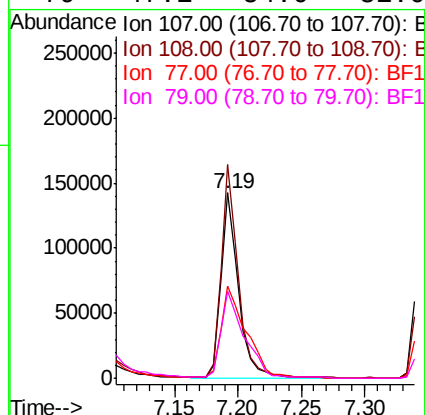
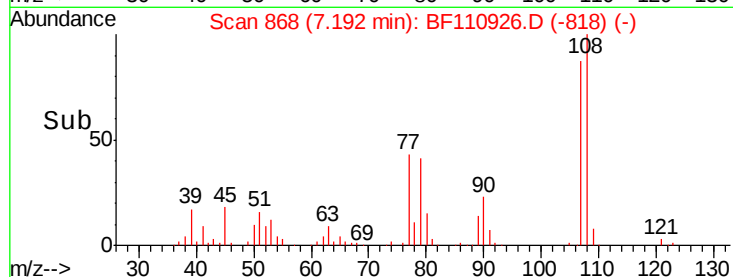
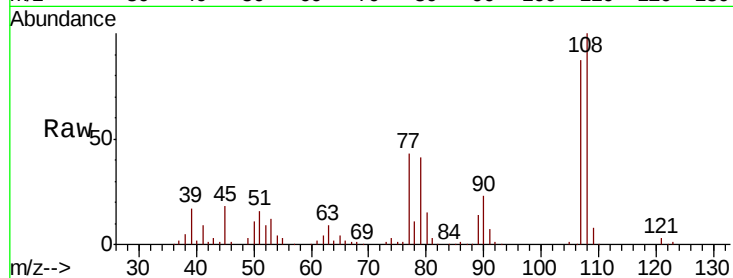




#17
2-Methylphenol
Concen: 41.752 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

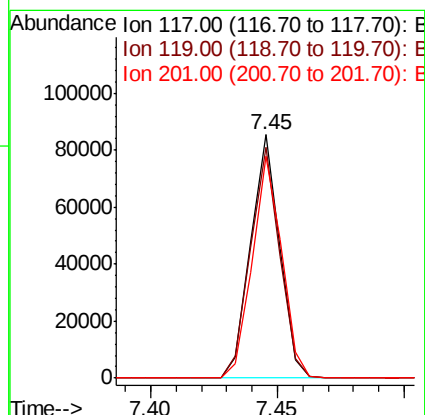
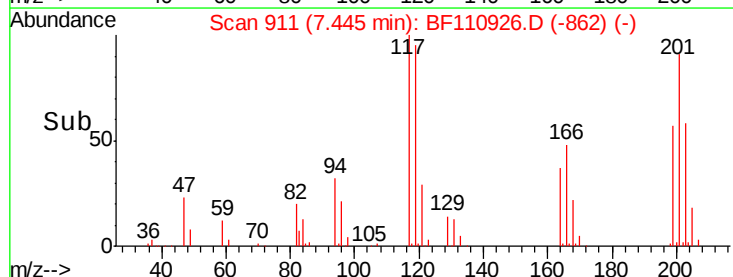
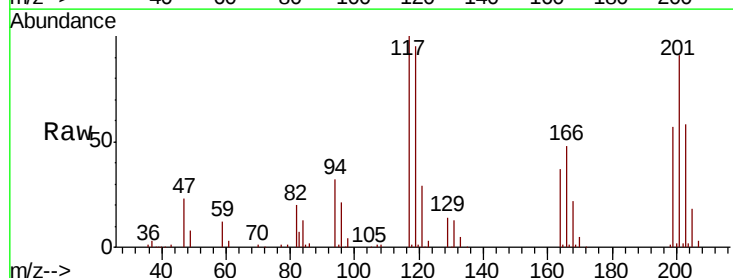
Instrument :
BNA_F
ClientSampleID :

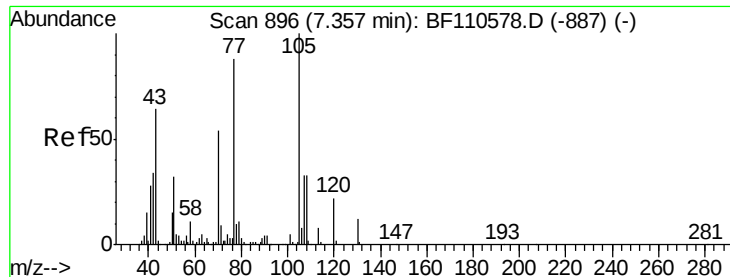
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.6	138.8
77	50.1	59.4	89.2#
79	47.1	54.0	81.0#



#18
Hexachloroethane
Concen: 40.093 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.6
201	91.2	79.2	118.8

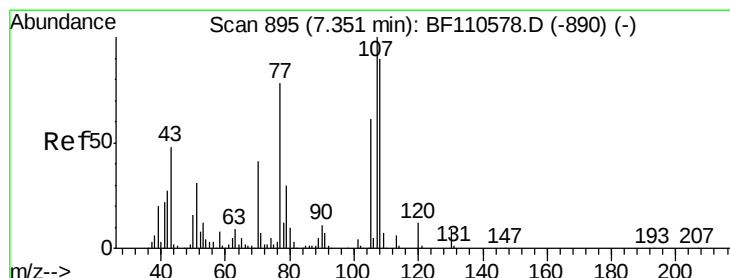
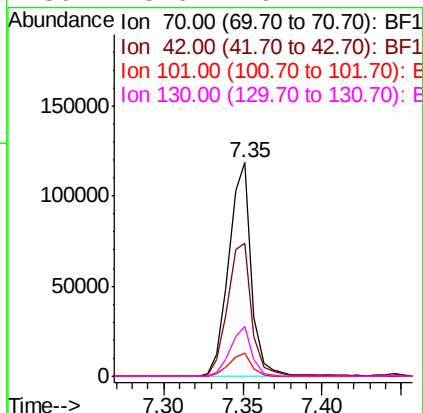
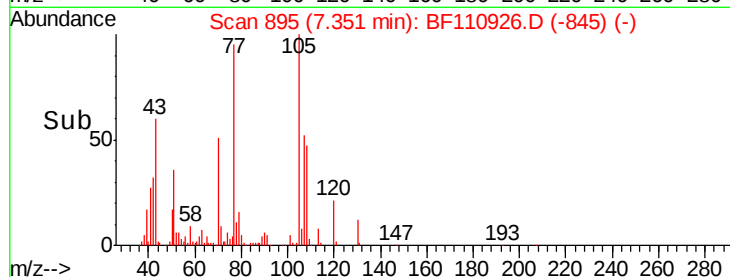
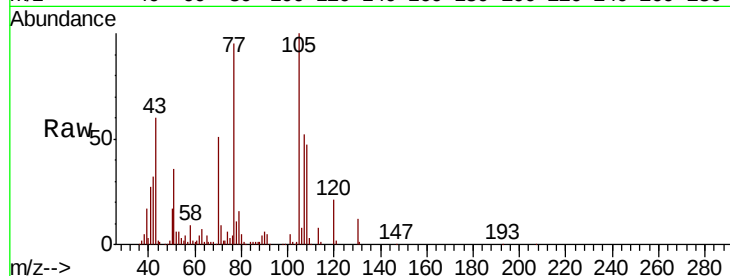




#19
n-Nitroso-di-n-propylamine
Concen: 40.443 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

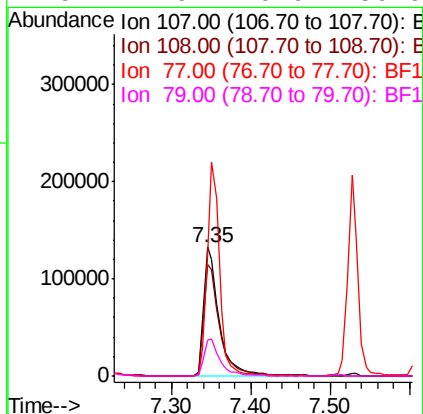
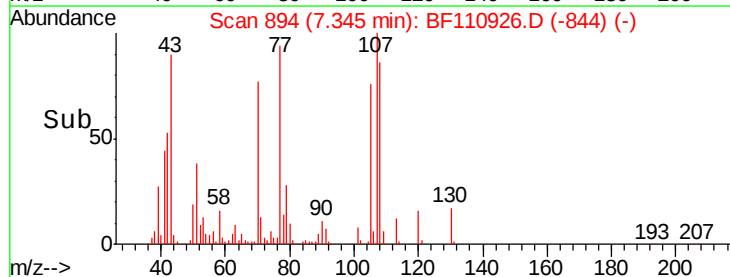
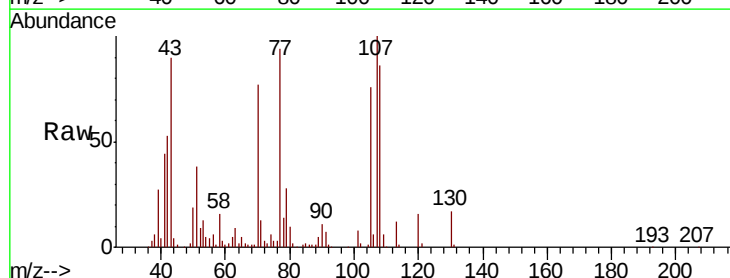
Instrument :
BNA_F
ClientSampleId :

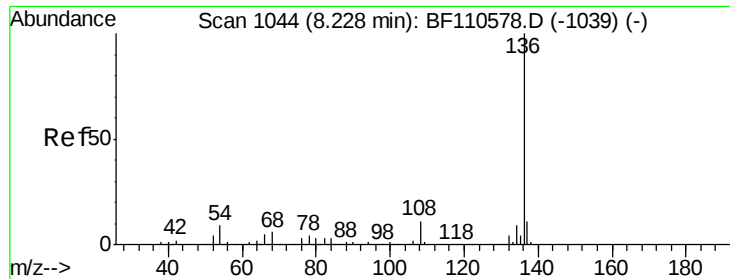
Tot Ion: 70 Resp: 117128
Ion Ratio Lower Upper
70 100
42 62.3 47.4 71.2
101 10.7 7.3 10.9
130 23.6 16.2 24.2



#20
3+4-Methylphenols
Concen: 43.139 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:107 Resp: 183307
Ion Ratio Lower Upper
107 100
108 86.5 71.4 111.4
77 94.0 47.3 87.3#
79 27.9 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 233237

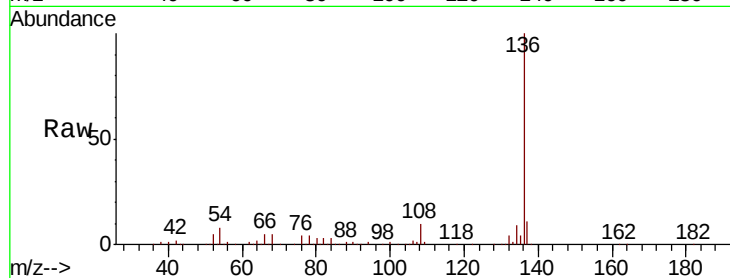
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.7 5.4 8.2

68 5.0 4.2 6.2

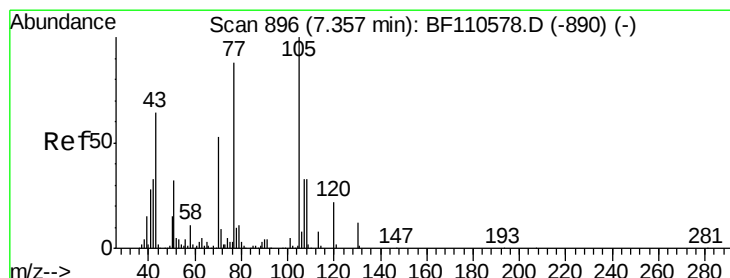
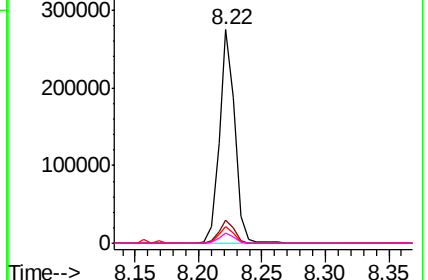
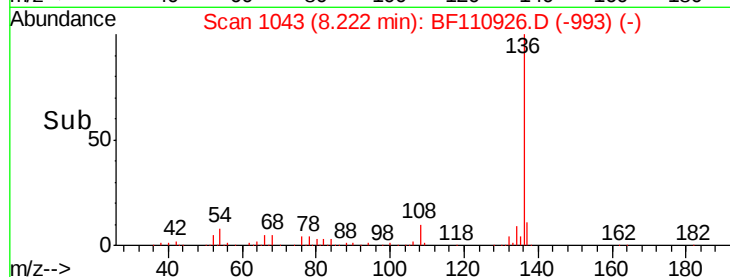


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.135 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Tgt Ion:105 Resp: 239906

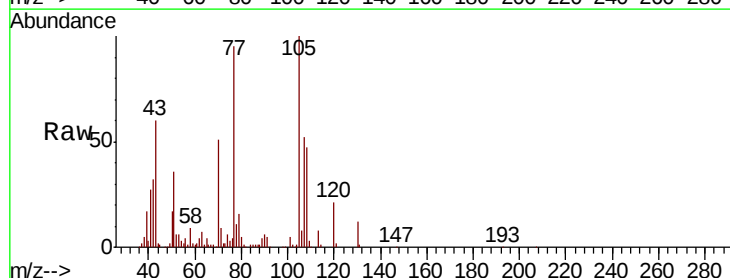
Ion Ratio Lower Upper

105 100

71 8.5 5.2 7.8#

51 36.0 21.8 32.8#

120 21.4 17.0 25.4

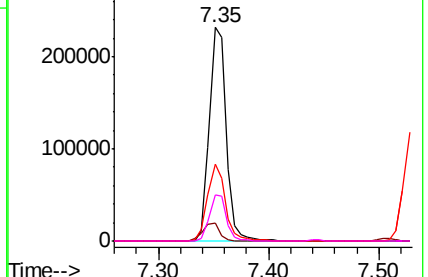
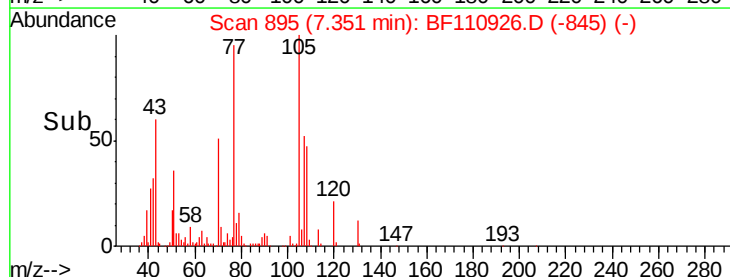


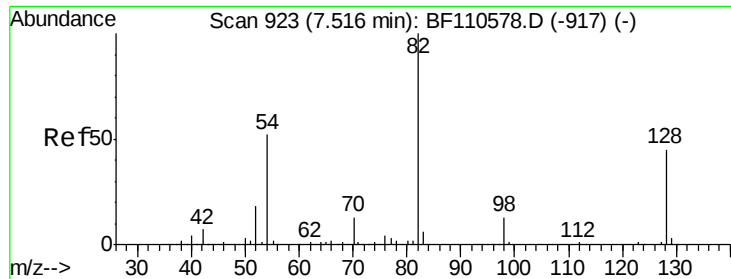
Abundance Ion 105.00 (104.70 to 105.70): E

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

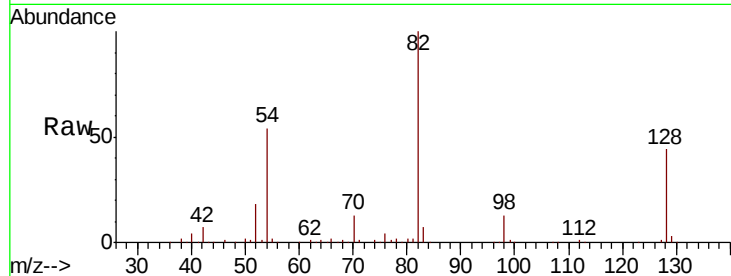




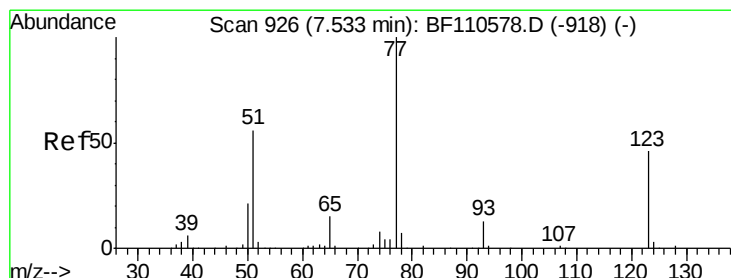
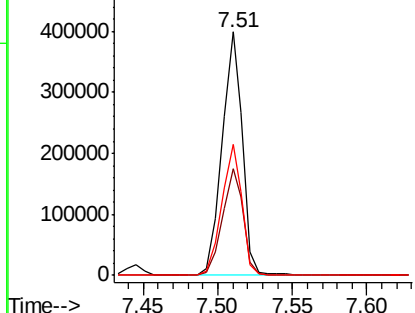
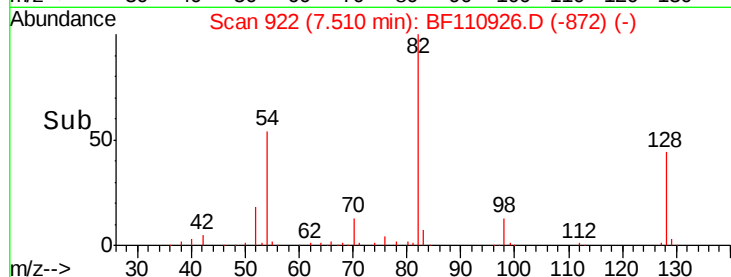
#23
 Nitrobenzene-d5
 Concen: 94.909 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	384379
Ion Ratio	Lower	Upper	
82	100		
128	43.6	34.2	51.2
54	54.0	38.6	58.0

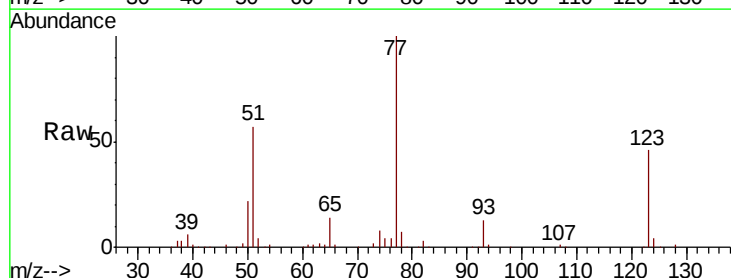


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

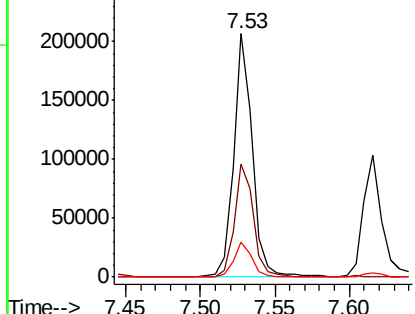
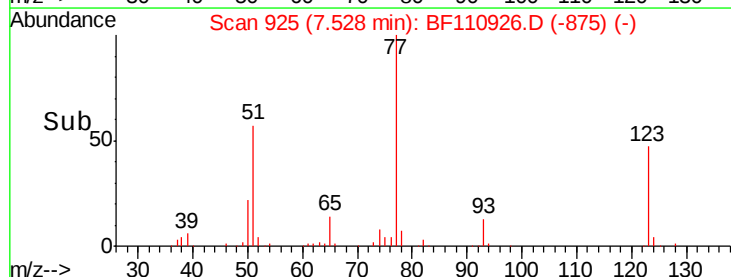


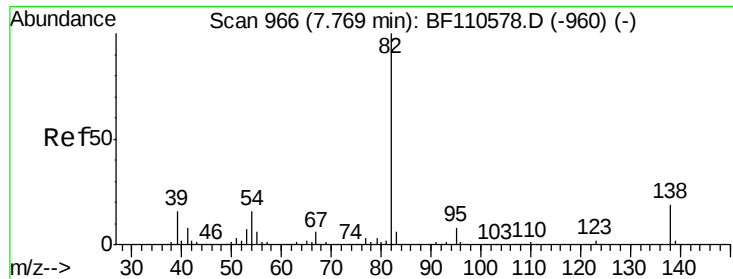
#24
 Nitrobenzene
 Concen: 44.213 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion	77	Resp	183460
Ion Ratio	Lower	Upper	
77	100		
123	46.5	35.7	53.5
65	14.1	10.7	16.1



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





#25

Isophorone

Concen: 48.313 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

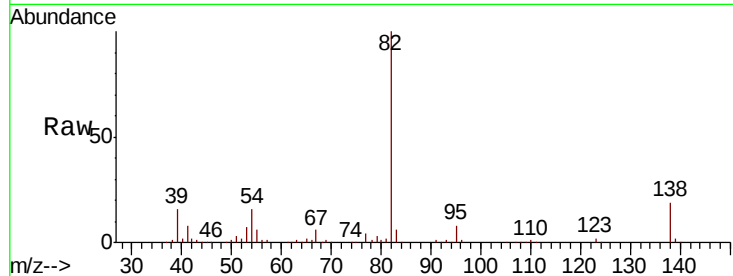
Tot Ion: 82 Resp: 320700

Ion Ratio Lower Upper

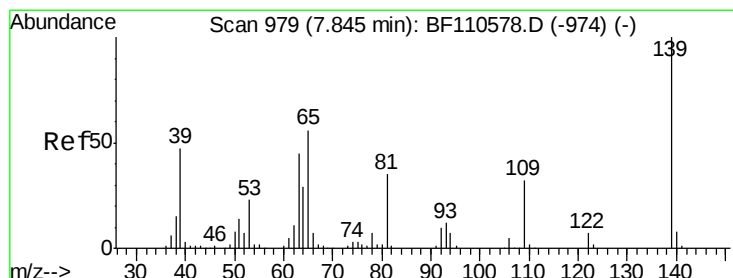
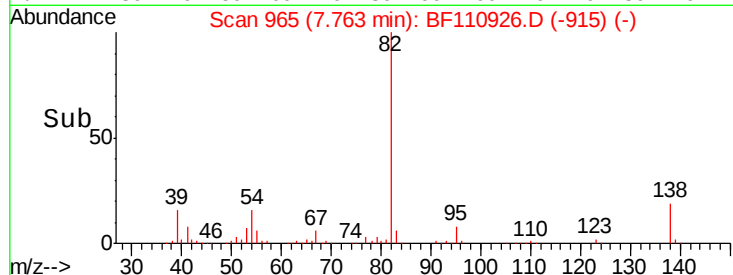
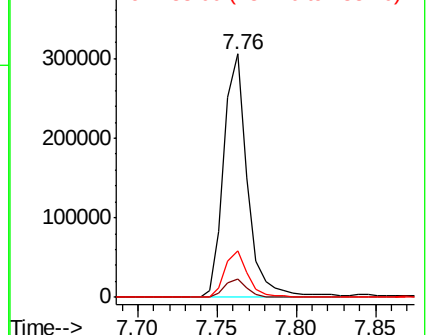
82 100

95 7.6 5.7 8.5

138 19.3 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.755 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

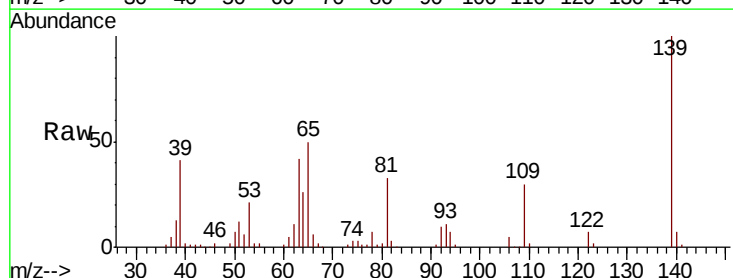
Tgt Ion: 139 Resp: 92647

Ion Ratio Lower Upper

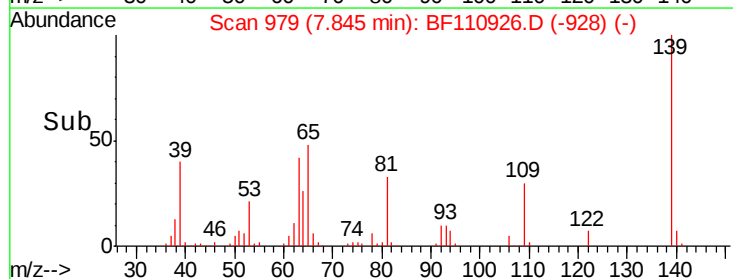
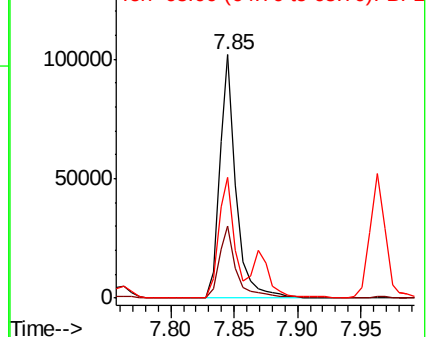
139 100

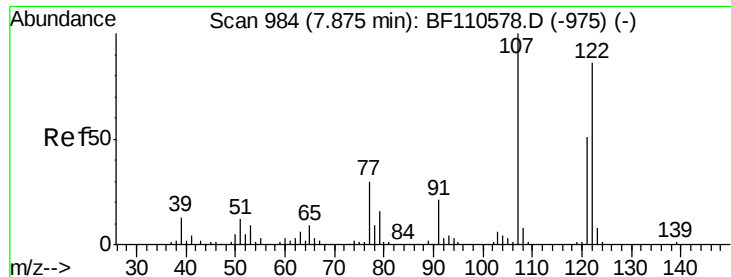
109 29.8 25.0 37.6

65 49.6 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

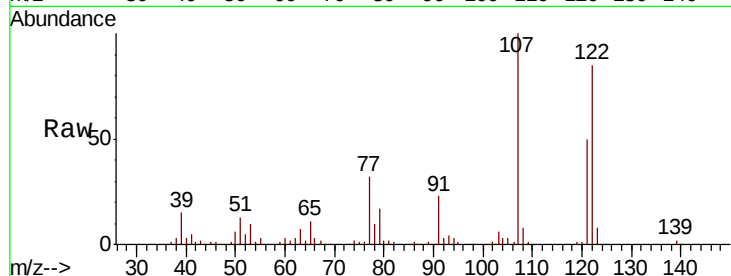




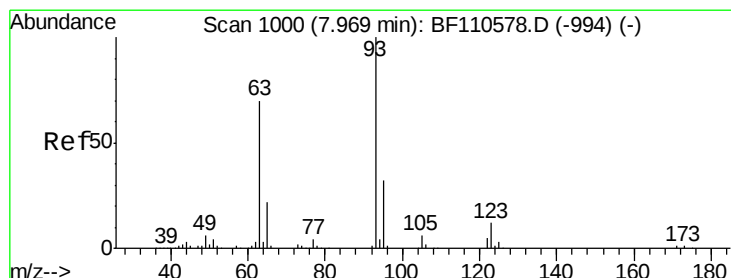
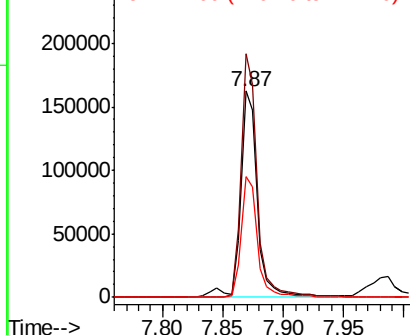
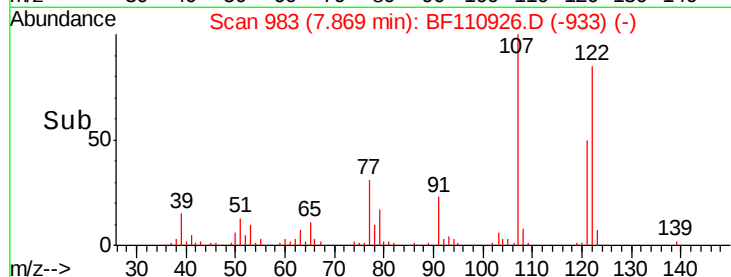
#27
2,4-Dimethylphenol
Concen: 50.317 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 158629
Ion Ratio Lower Upper
122 100
107 118.1 92.5 138.7
121 58.8 45.8 68.8

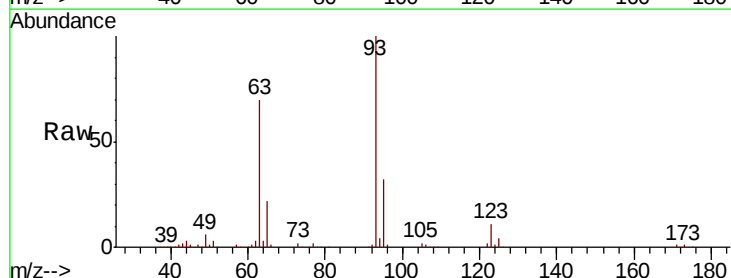


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

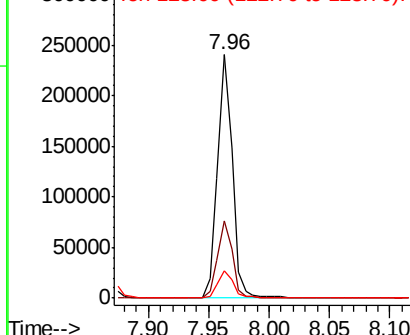
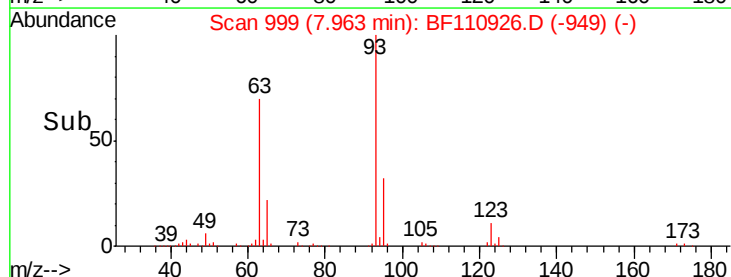


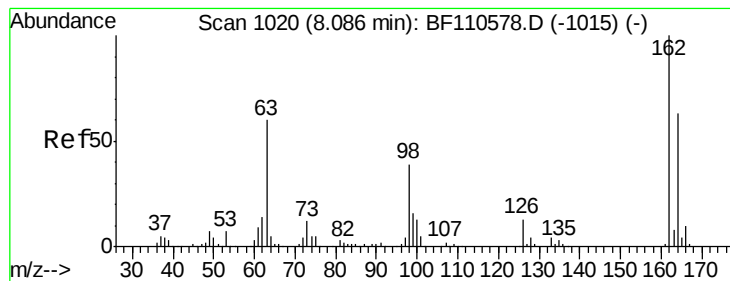
#28
bis(2-Chloroethoxy)methane
Concen: 45.090 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion: 93 Resp: 202652
Ion Ratio Lower Upper
93 100
95 31.9 26.4 39.6
123 11.2 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

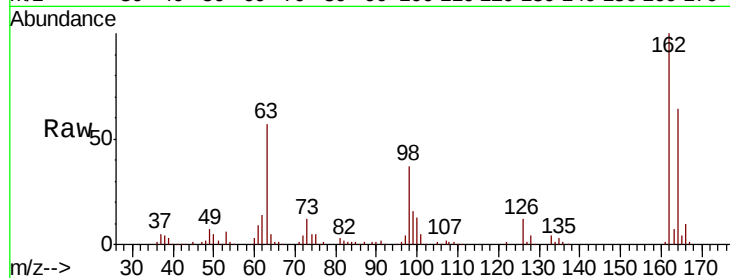




#29
 2,4-Dichlorophenol
 Concen: 45.452 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	37.4	17.4	57.4

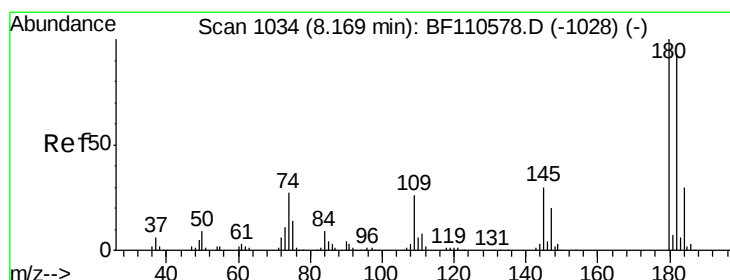
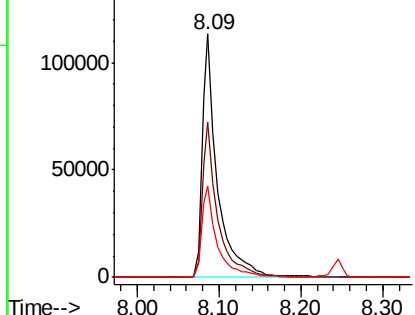
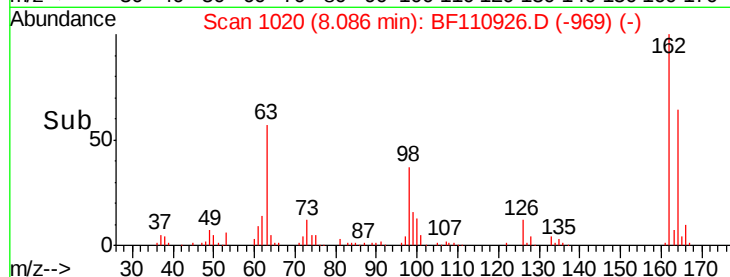


Abundance

Ion 162.00 (161.70 to 162.70): E

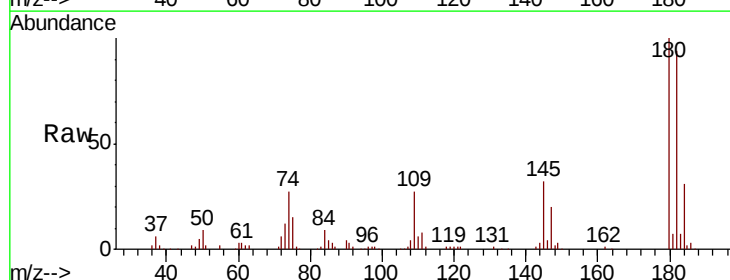
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.941 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	80.3	120.5
145	31.7	25.4	38.0

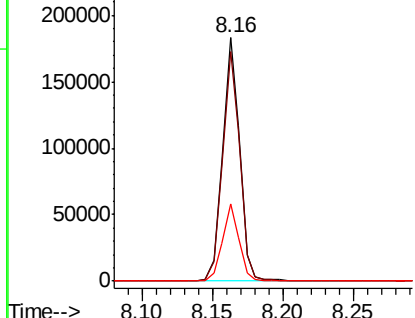
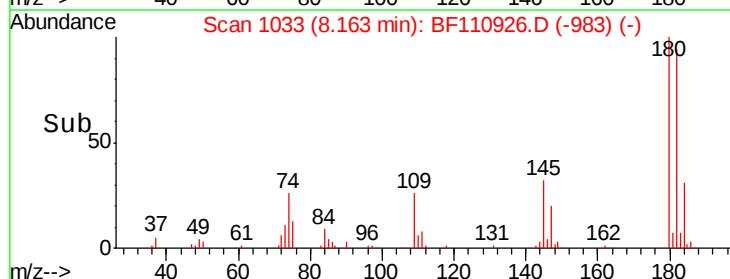


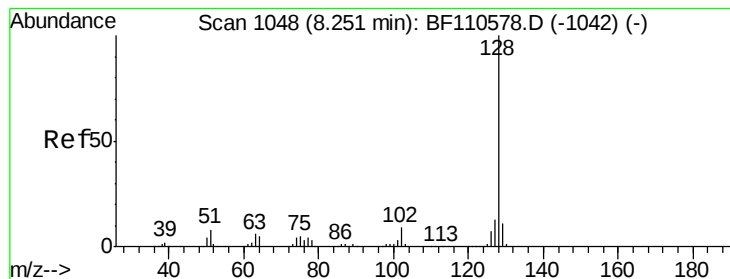
Abundance

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: 45.412 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

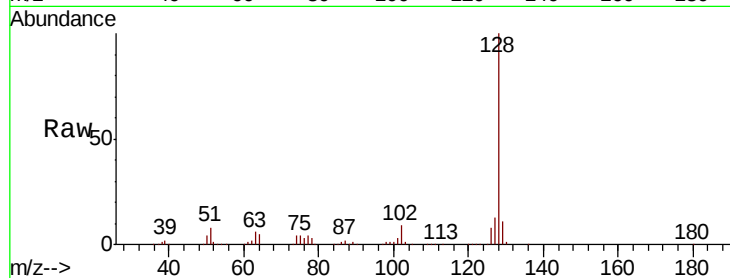
Tot Ion:128 Resp: 497223

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

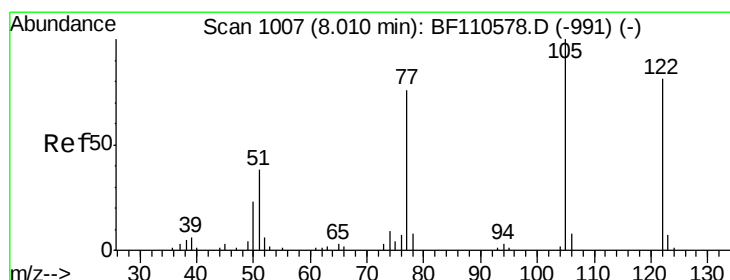
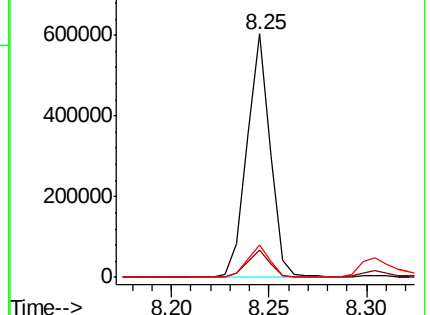
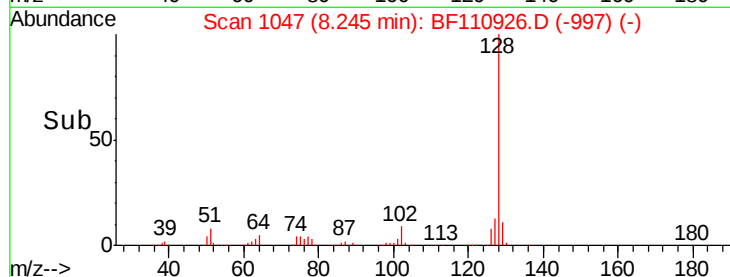
127 13.3 10.8 16.2



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: 14.224 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

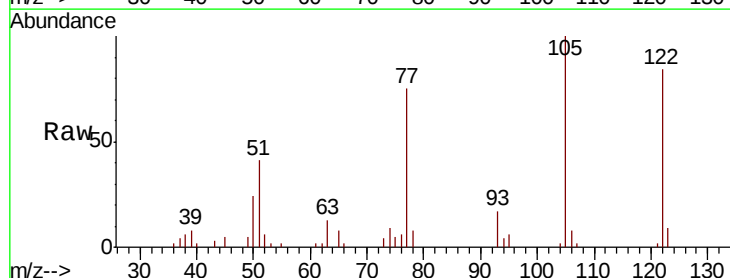
Tgt Ion:122 Resp: 31727

Ion Ratio Lower Upper

122 100

105 119.0 109.0 149.0

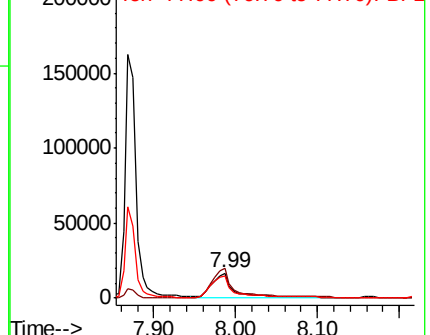
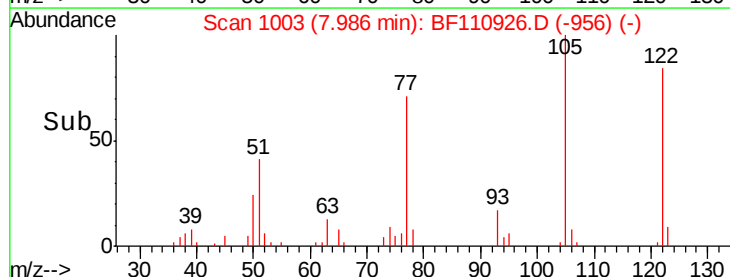
77 89.0 79.0 119.0

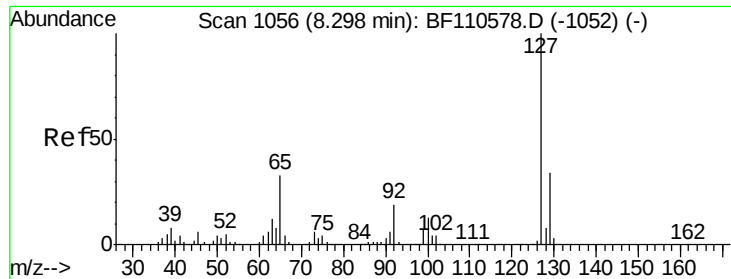


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

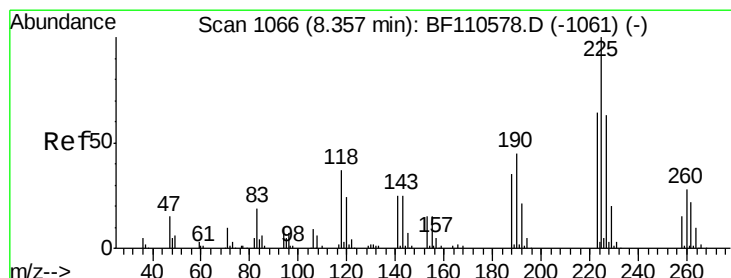
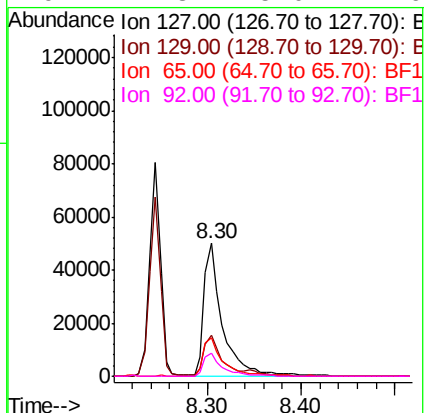
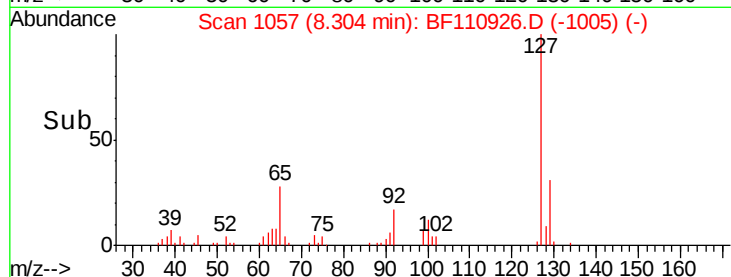
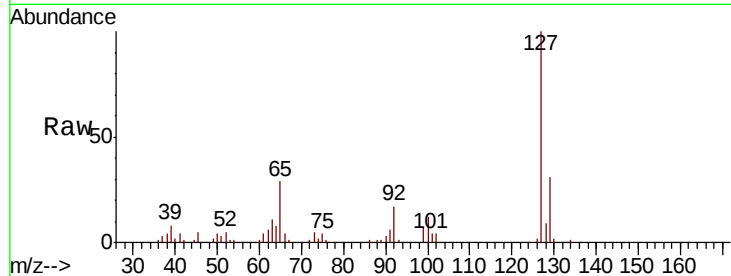




#33
4-Chloroaniline
Concen: 14.045 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

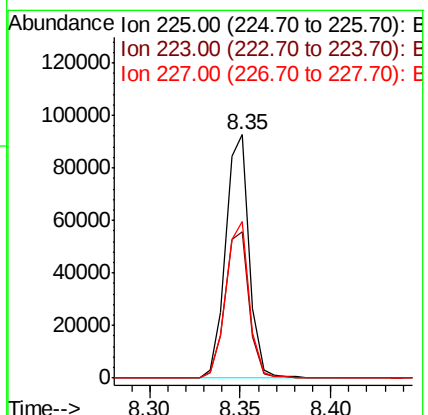
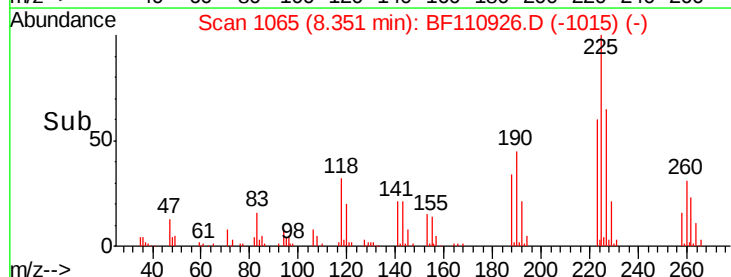
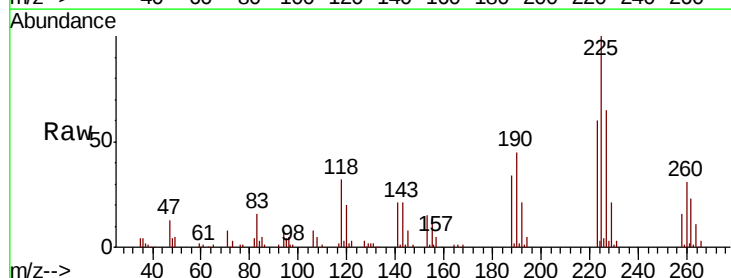
Instrument :
BNA_F
ClientSampleId :

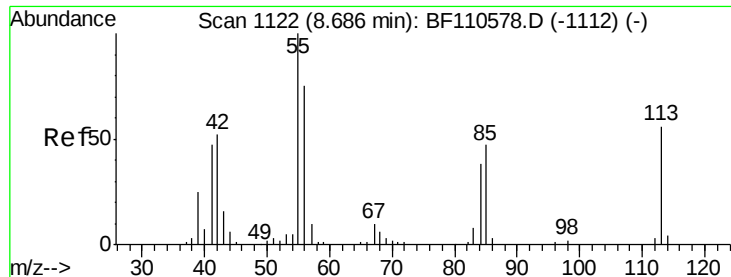
Tot Ion:127	Resp:	69655	
Ion Ratio	Lower	Upper	
127 100			
129 31.2	26.0	39.0	
65 29.0	25.1	37.7	
92 17.3	15.0	22.6	



#34
Hexachlorobutadiene
Concen: 40.195 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt	Ion:225	Resp:	83971
Ion	Ratio	Lower	Upper
225	100		
223	60.4	51.4	77.2
227	64.5	51.0	76.6

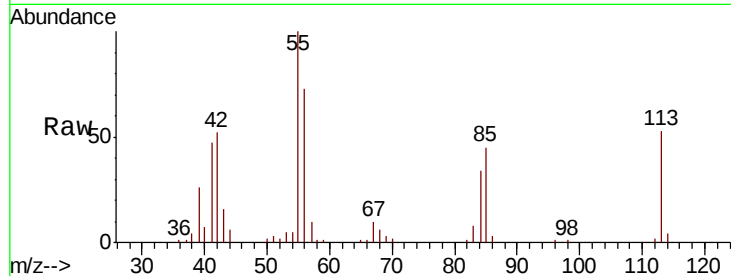




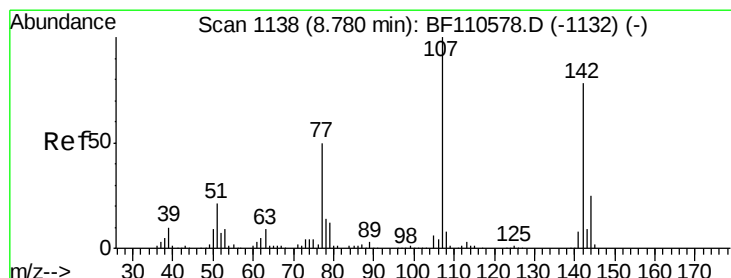
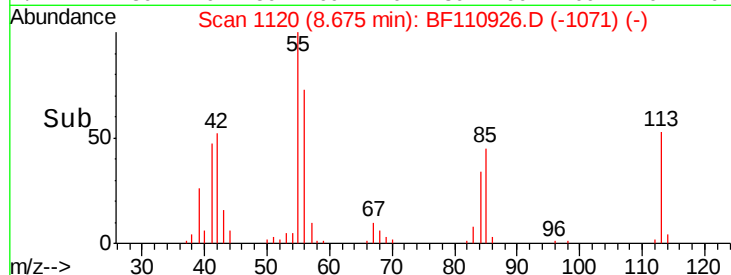
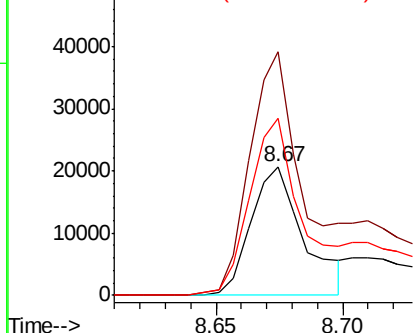
#35
 Caprolactam
 Concen: 27.459 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 29760
 Ion Ratio Lower Upper
 113 100
 55 189.0 142.8 182.8#
 56 137.1 105.0 145.0

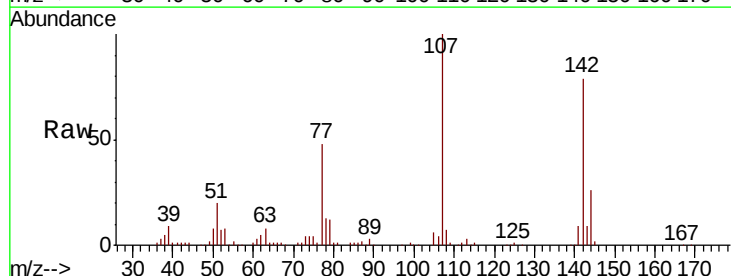


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

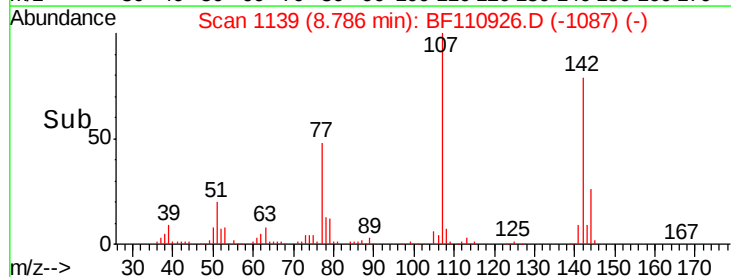
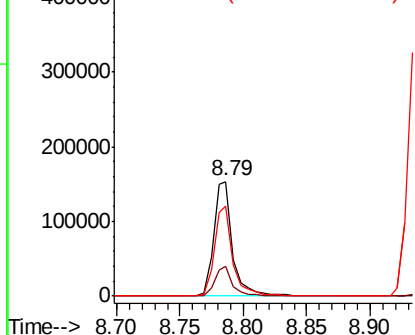


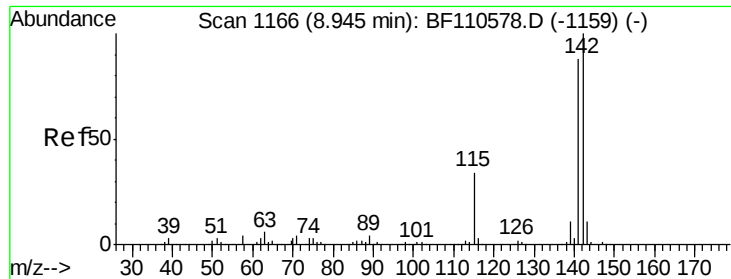
#36
 4-Chloro-3-methylphenol
 Concen: 46.152 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion:107 Resp: 161466
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.0 30.0
 142 78.7 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

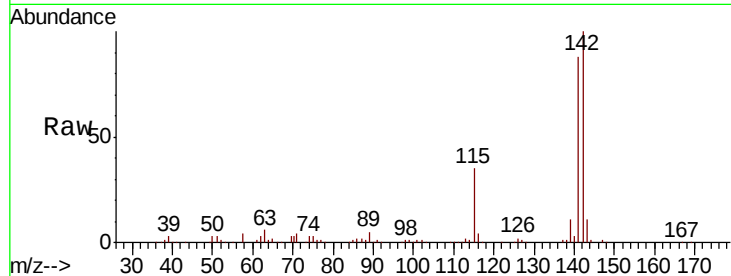




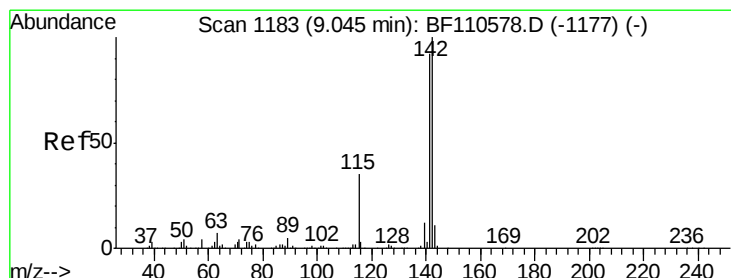
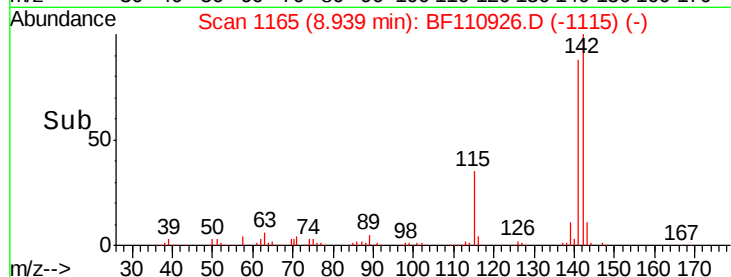
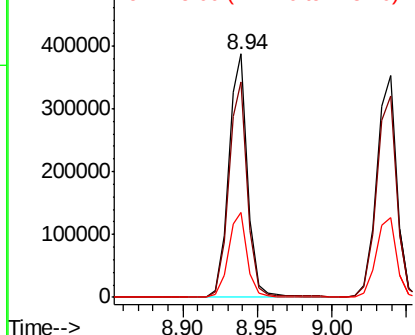
#37
2-Methylnaphthalene
Concen: 48.266 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 346438
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.2
115 34.8 28.7 43.1

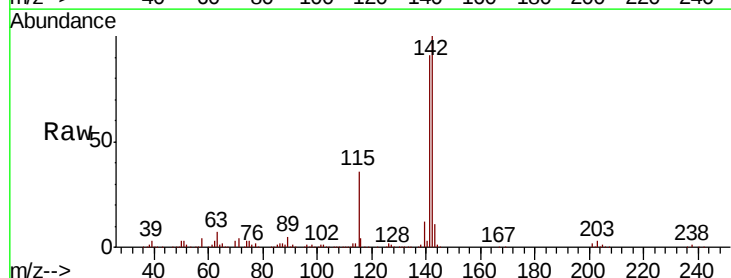


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

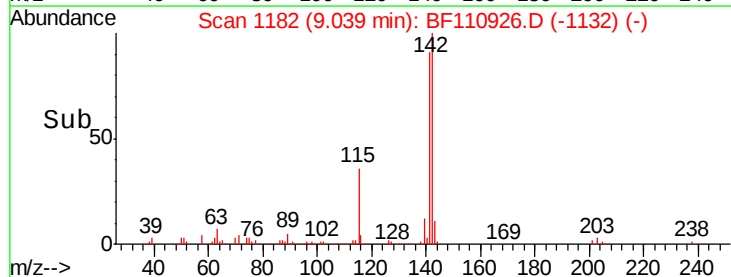
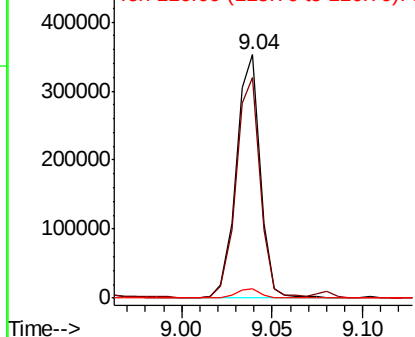


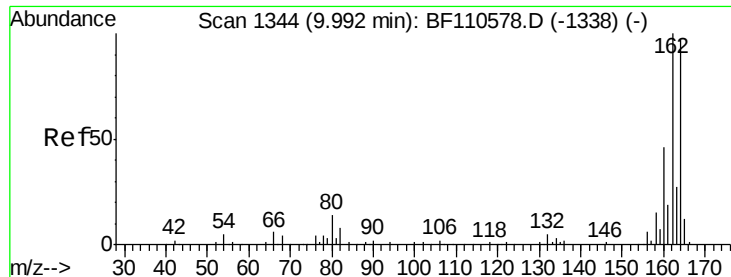
#38
1-Methylnaphthalene
Concen: 46.703 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:142 Resp: 322388
Ion Ratio Lower Upper
142 100
141 90.5 74.2 111.4
116 3.7 2.6 4.0



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

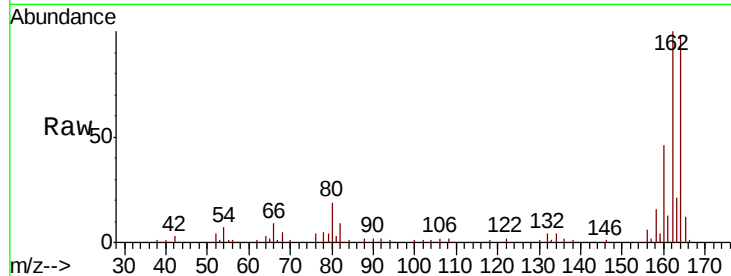




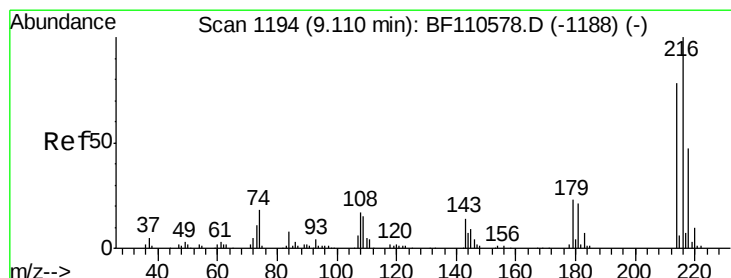
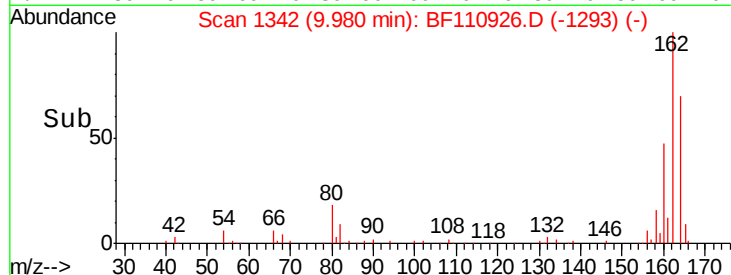
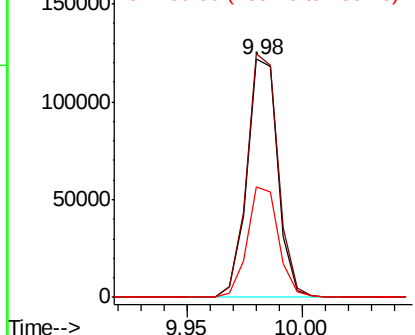
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 113778
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.6
160 46.6 37.0 55.6

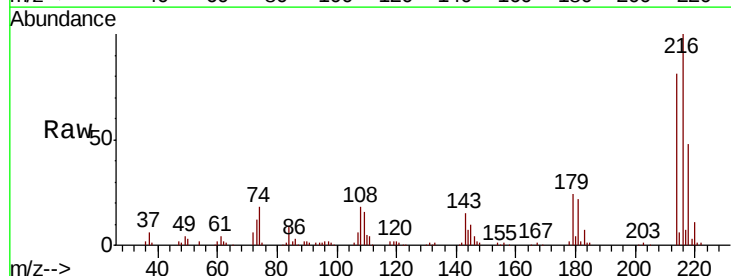


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

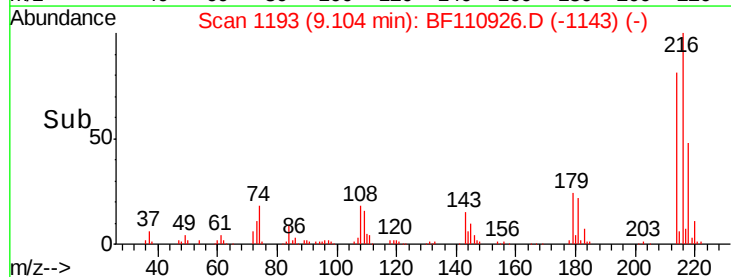
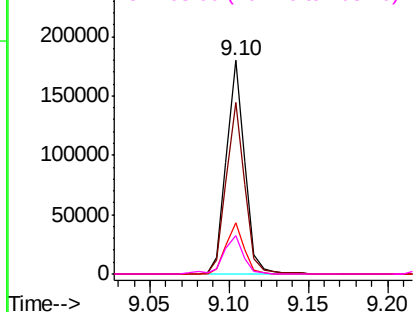


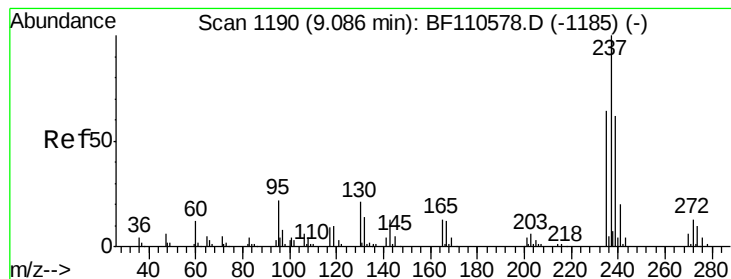
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.210 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:216 Resp: 144819
Ion Ratio Lower Upper
216 100
214 80.5 63.8 95.6
179 23.4 16.6 25.0
108 19.7 15.1 22.7



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





#41

Hexachlorocyclopentadiene

Concen: 33.561 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

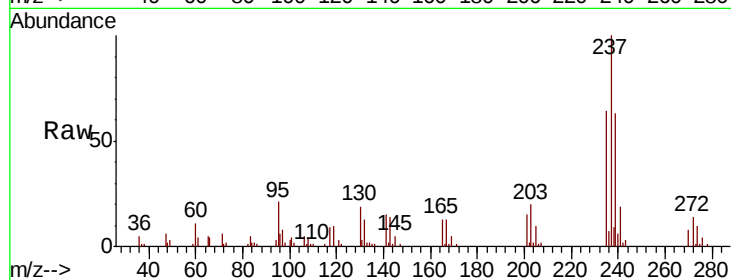
Tot Ion:237 Resp: 40250

Ion Ratio Lower Upper

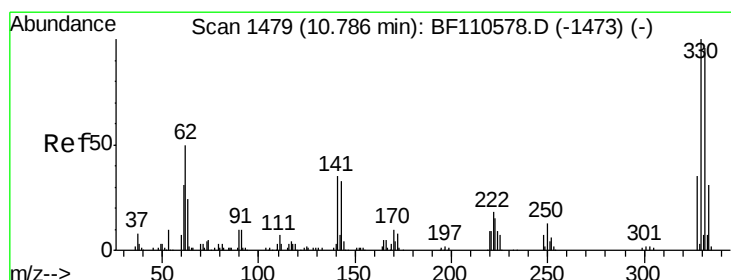
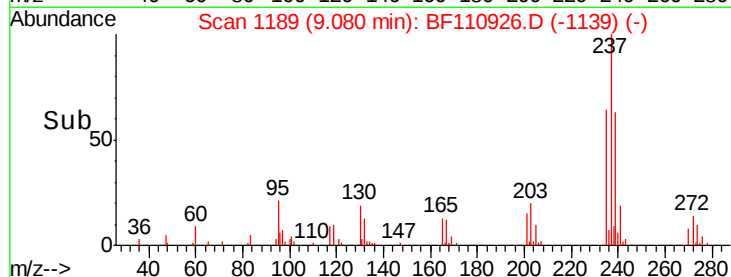
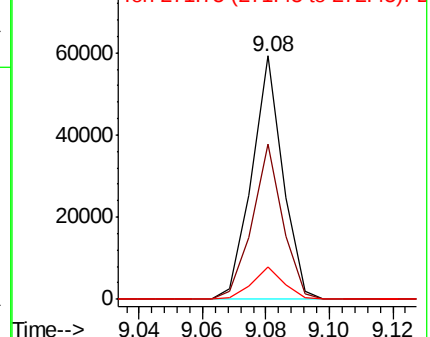
237 100

235 63.6 43.1 83.1

272 13.5 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: 131.342 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

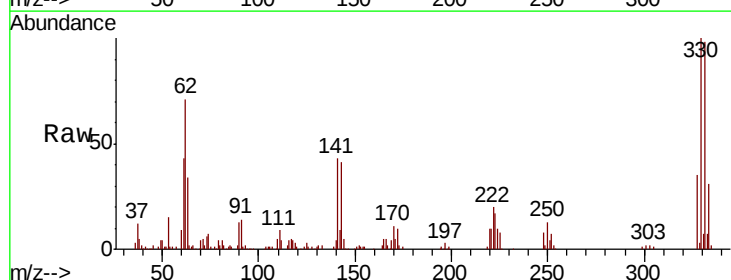
Tgt Ion:330 Resp: 150578

Ion Ratio Lower Upper

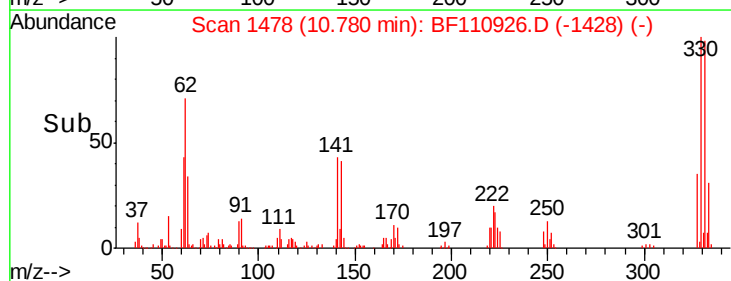
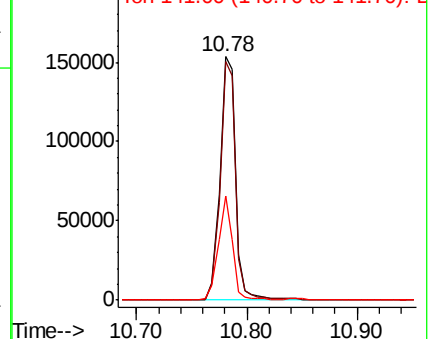
330 100

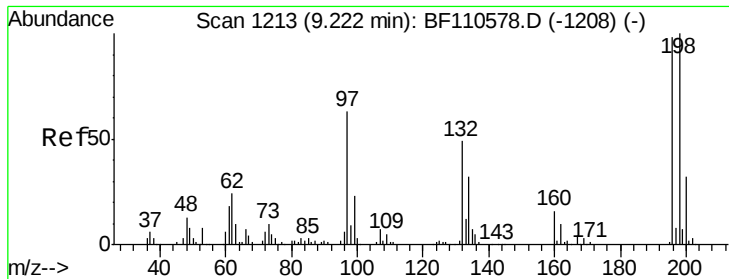
332 96.6 77.1 115.7

141 38.4 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

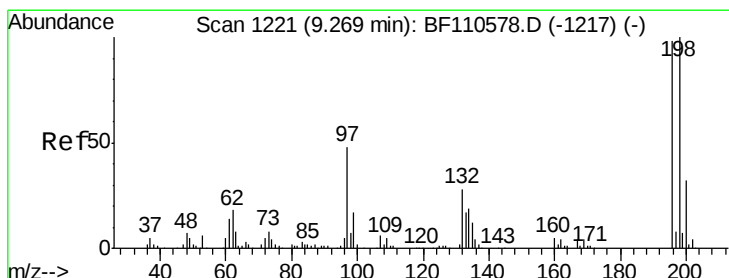
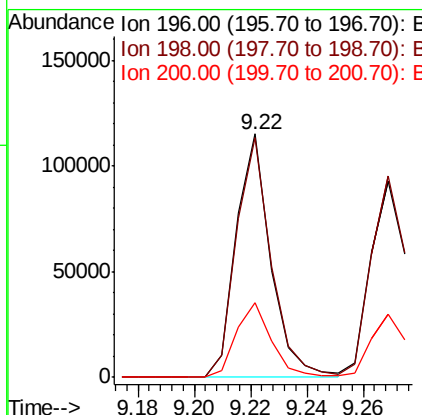
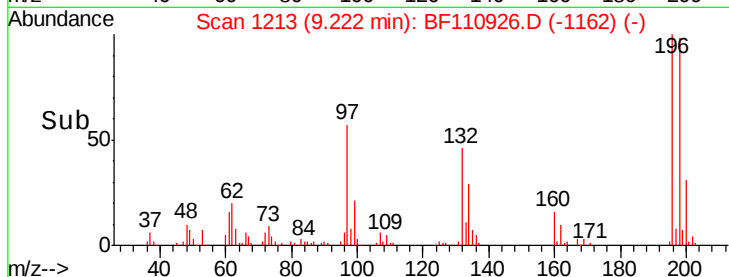
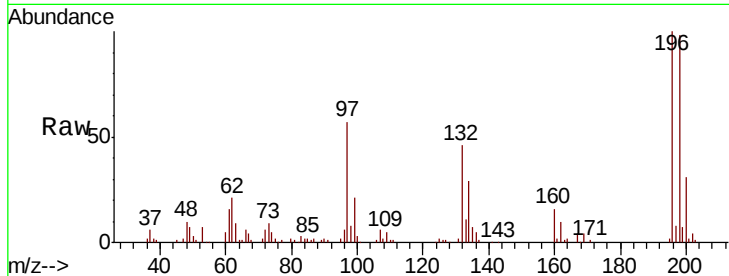




#43
2,4,6-Trichlorophenol
Concen: 43.319 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

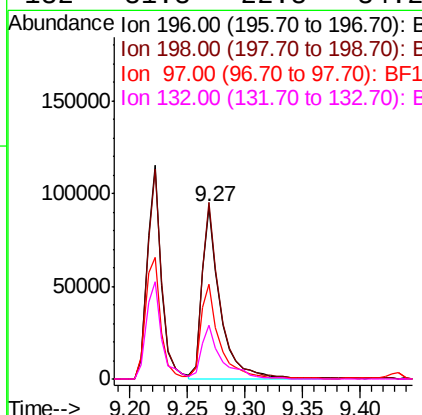
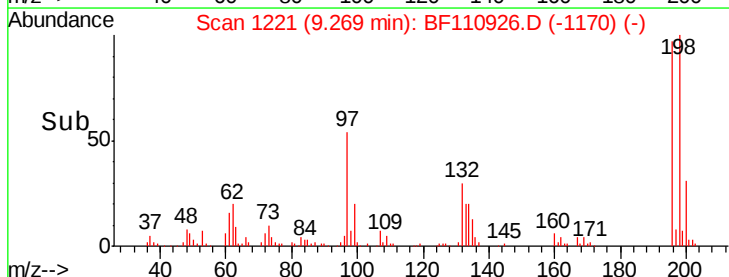
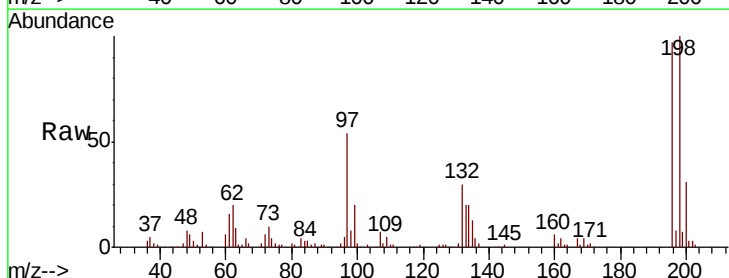
Instrument :
BNA_F
ClientSampled :

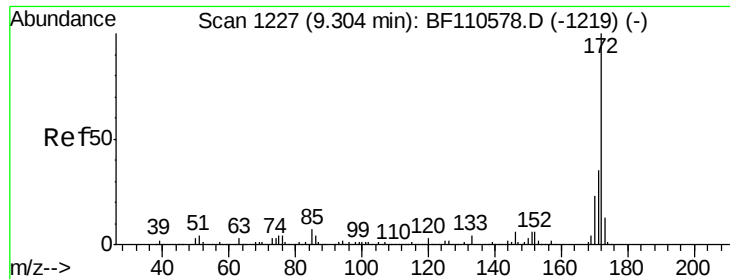
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	76.2	114.4
200	30.7	24.4	36.6



#44
2,4,5-Trichlorophenol
Concen: 42.661 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.8	75.8	113.6
97	55.2	42.4	63.6
132	31.3	22.8	34.2

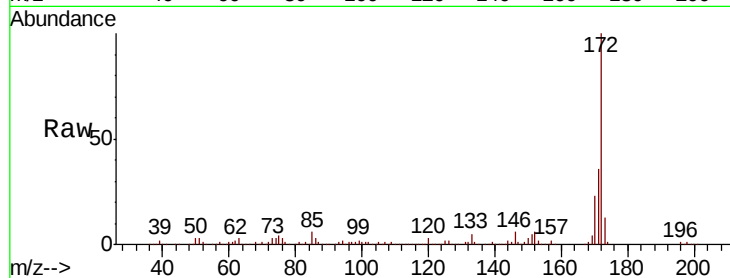




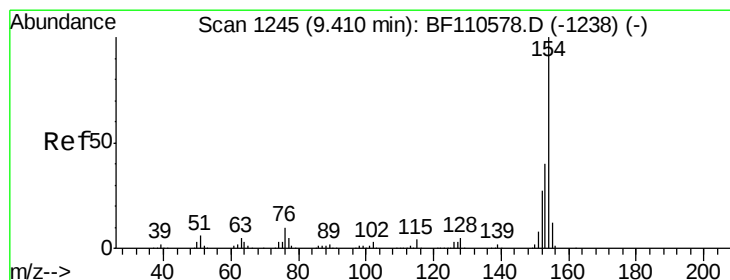
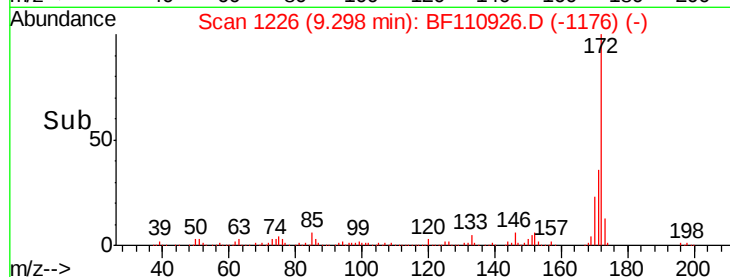
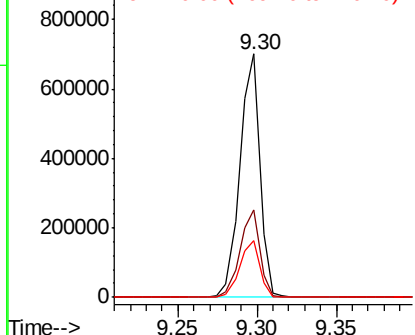
#45
2-Fluorobiphenyl
Concen: 76.937 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 612931
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.2 19.7 29.5

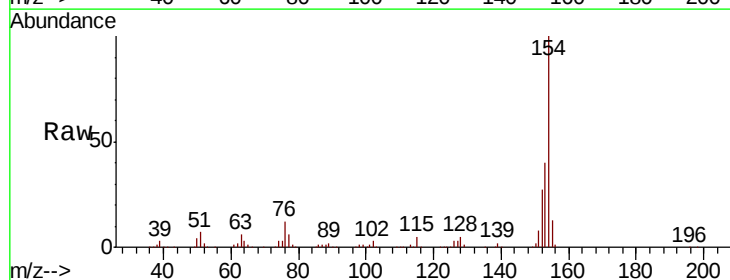


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

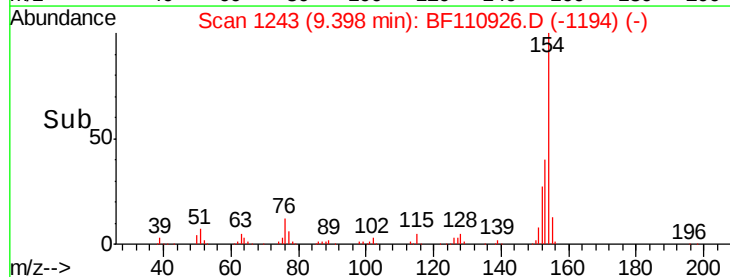
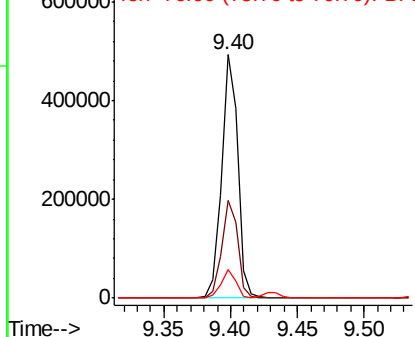


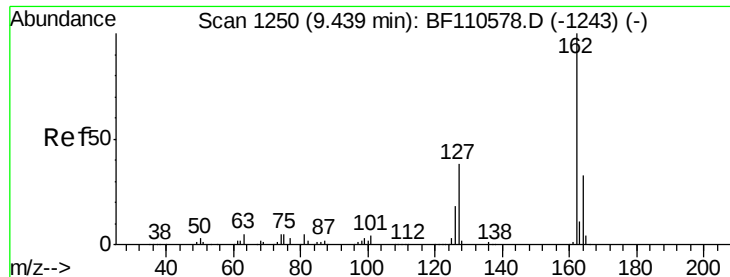
#46
1,1'-Biphenyl
Concen: 39.819 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:154 Resp: 422637
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.8 0.0 31.9



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

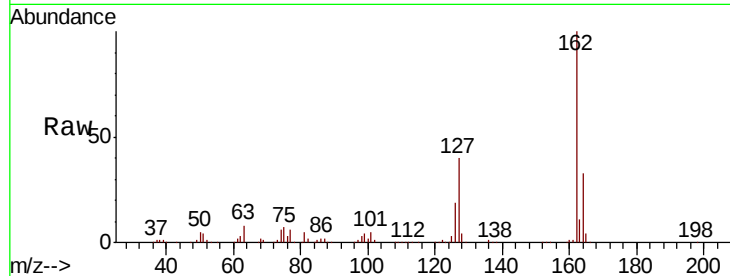




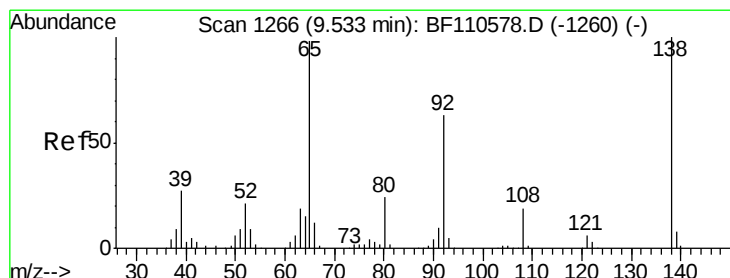
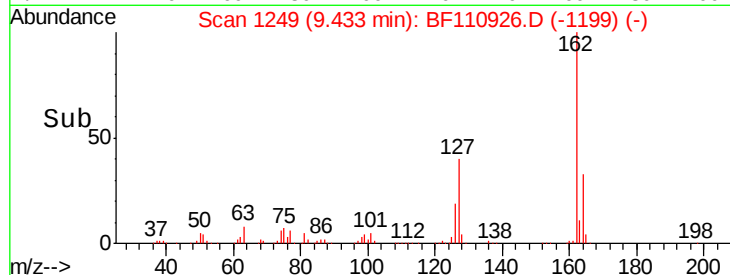
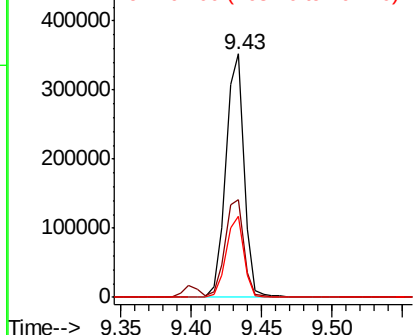
#47
2-Chloronaphthalene
Concen: 41.471 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 317116
Ion Ratio Lower Upper
162 100
127 40.1 32.6 48.8
164 33.2 25.9 38.9

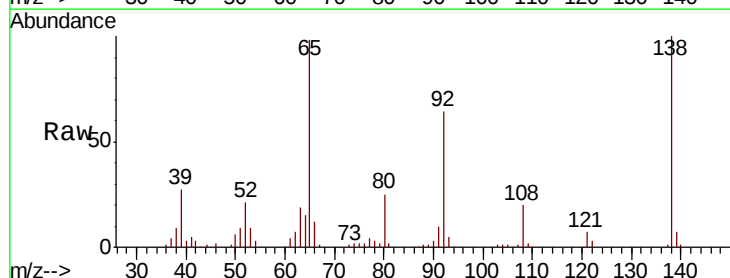


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

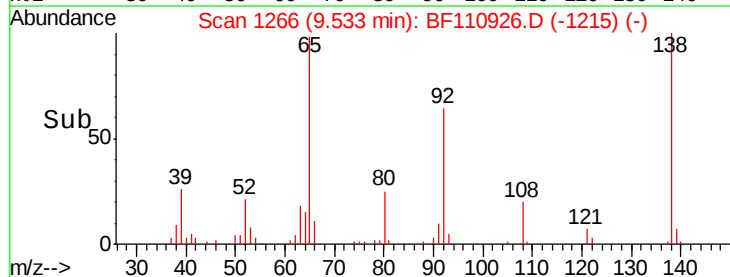
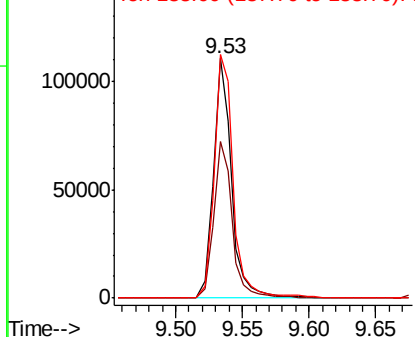


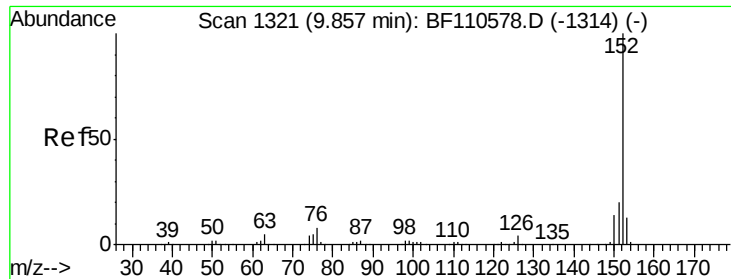
#48
2-Nitroaniline
Concen: 44.721 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion: 65 Resp: 105379
Ion Ratio Lower Upper
65 100
92 65.1 54.6 81.8
138 101.6 80.3 120.5



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





#49

Acenaphthylene

Concen: 45.397 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

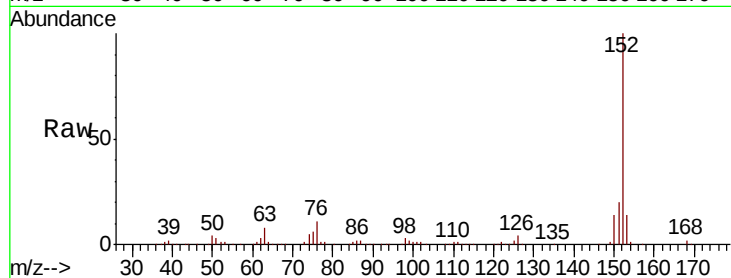
Tot Ion:152 Resp: 499924

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

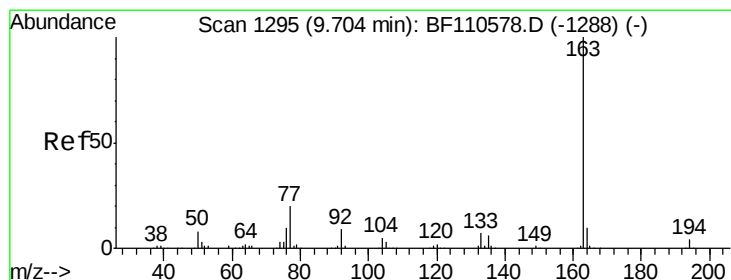
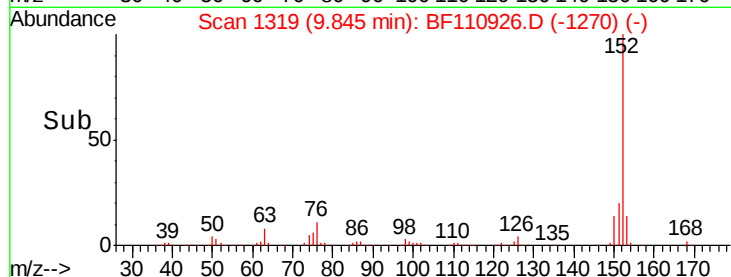
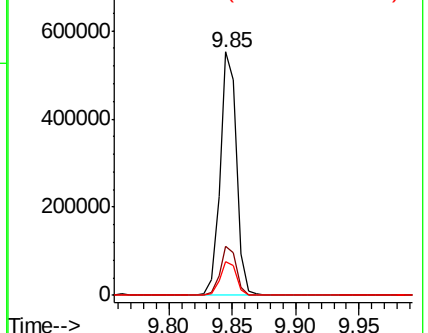
153 13.8 10.4 15.6



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: 50.857 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

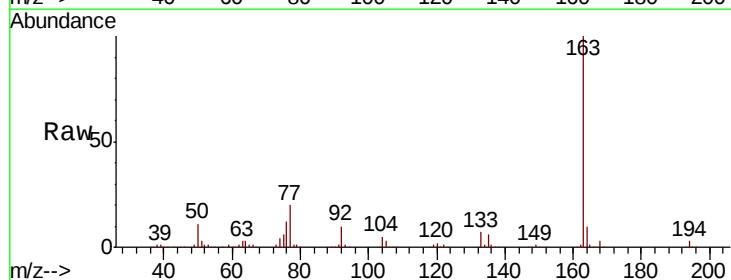
Tgt Ion:163 Resp: 431766

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

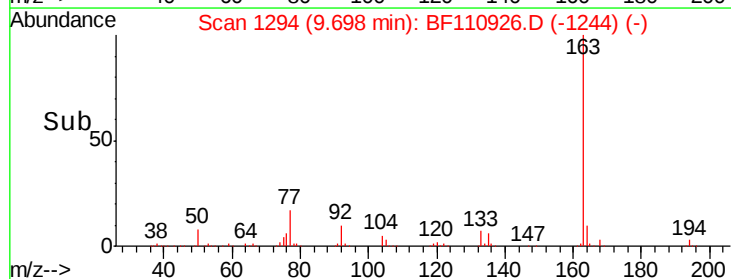
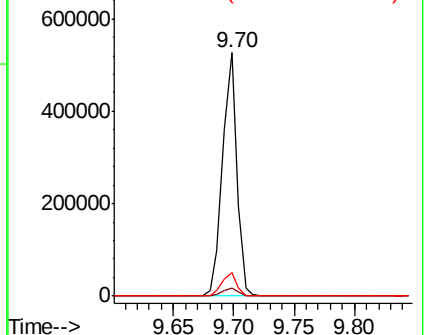
164 9.7 8.1 12.1

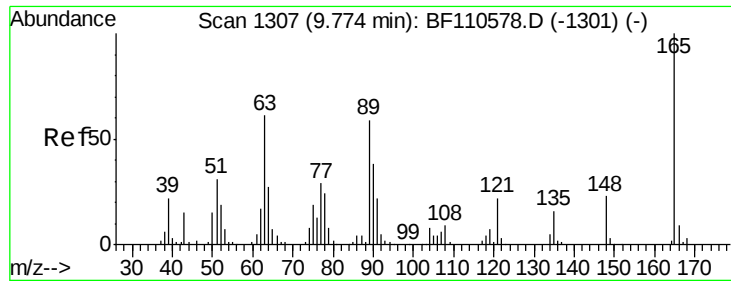


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

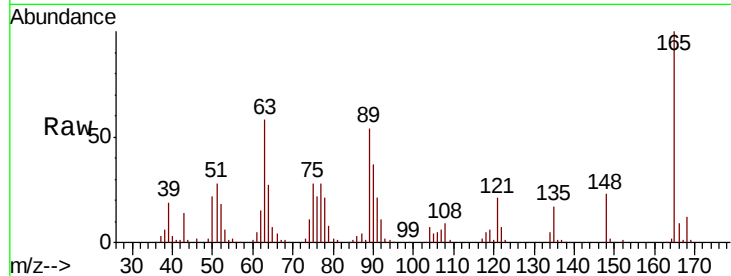




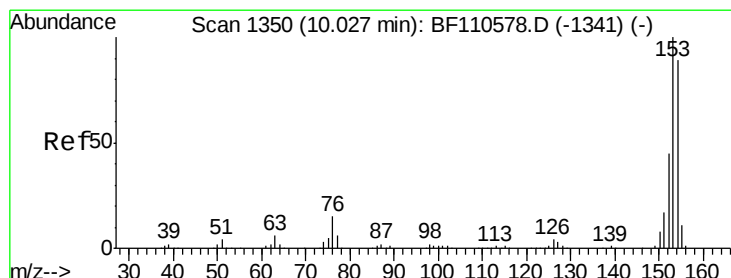
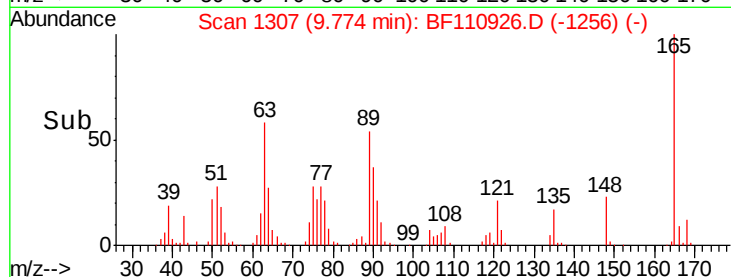
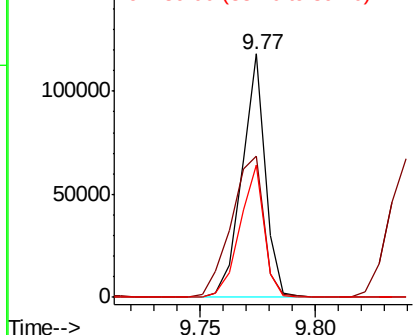
#51
2,6-Dinitrotoluene
Concen: 44.589 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 83274
Ion Ratio Lower Upper
165 100
63 57.8 48.9 73.3
89 54.2 46.6 69.8

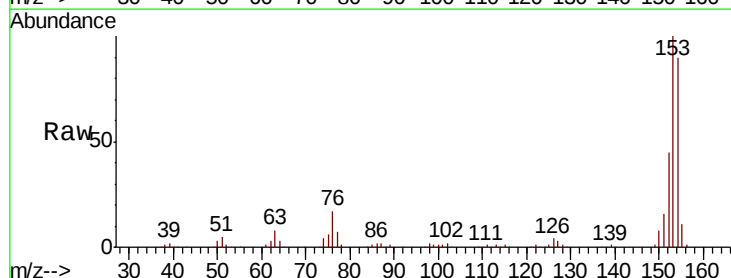


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

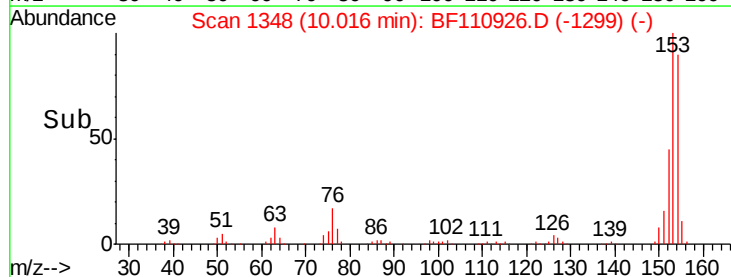
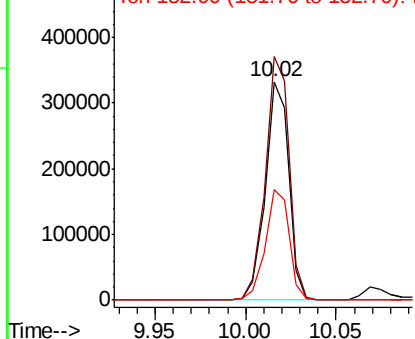


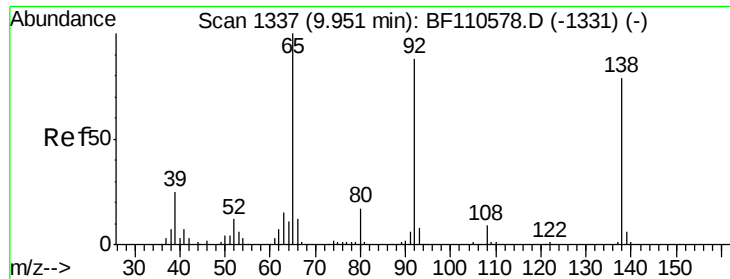
#52
Acenaphthene
Concen: 43.068 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:154 Resp: 299727
Ion Ratio Lower Upper
154 100
153 111.5 90.1 135.1
152 50.5 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

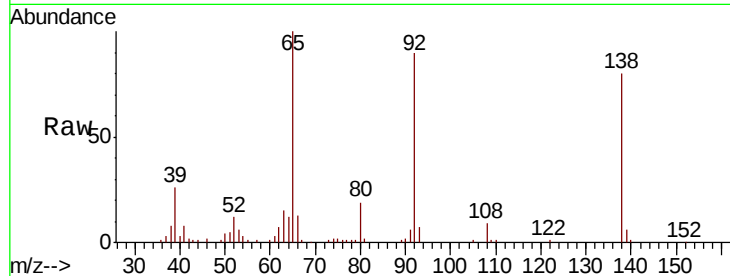




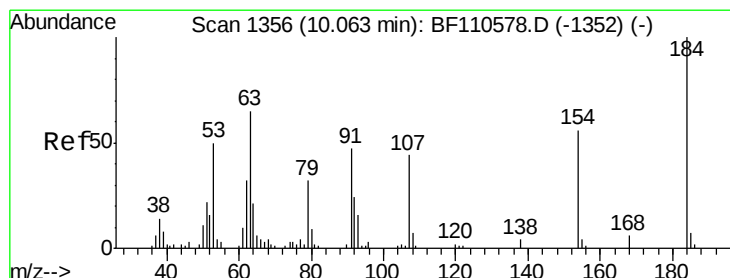
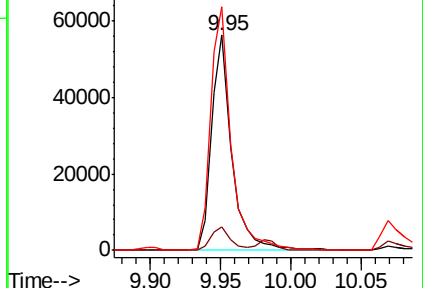
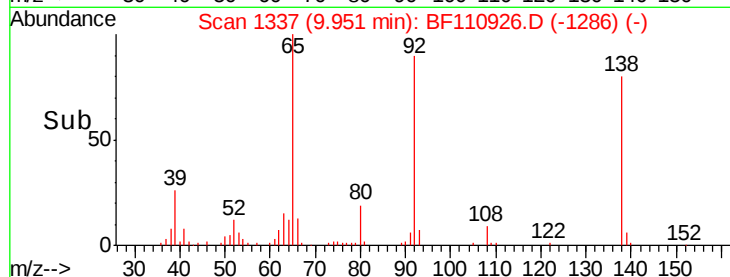
#53
3-Nitroaniline
Concen: 25.727 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 55665
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 113.3 97.0 145.4

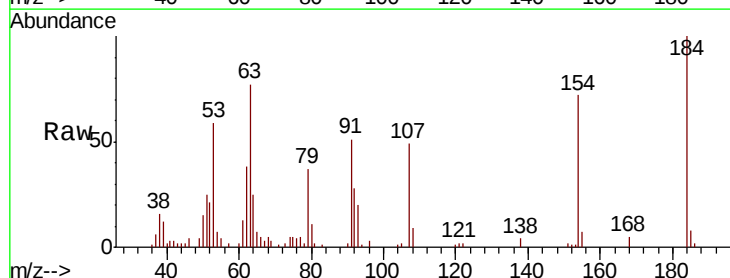


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

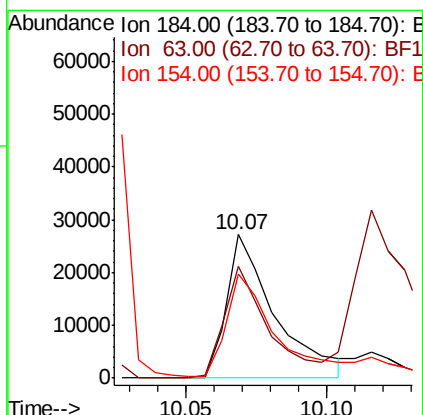
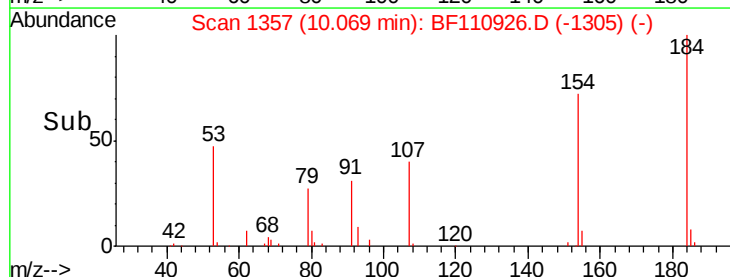


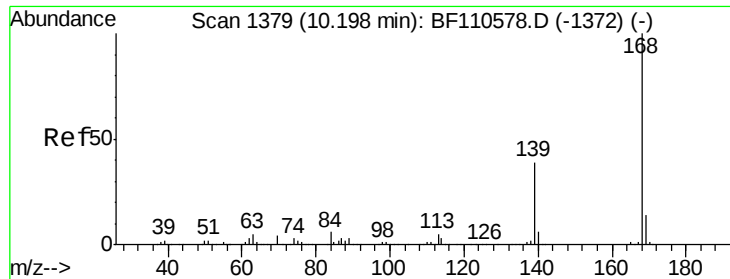
#54
2,4-Dinitrophenol
Concen: 45.456 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:184 Resp: 32213
Ion Ratio Lower Upper
184 100
63 77.5 55.8 83.6
154 72.4 63.2 94.8



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

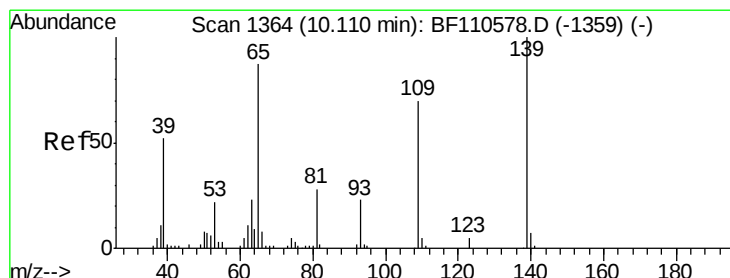
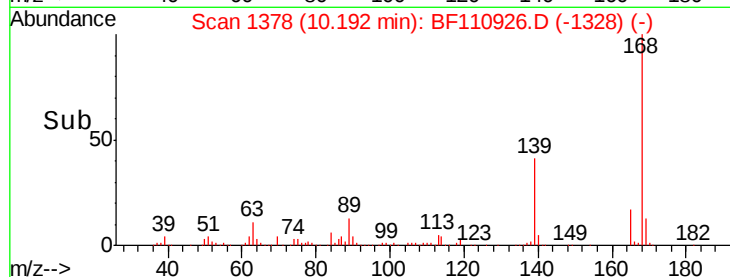
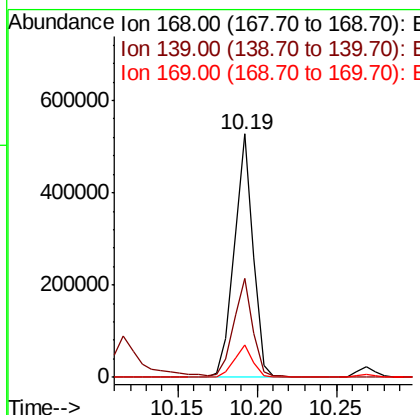
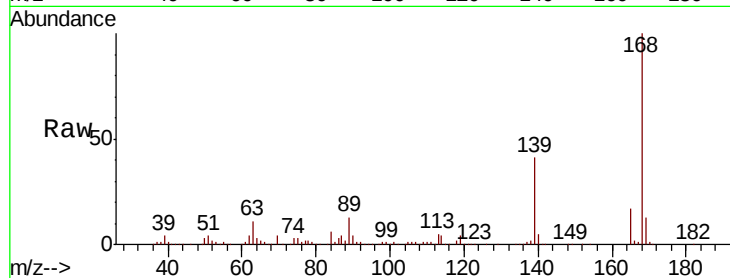




#55
Dibenzofuran
Concen: 42.745 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

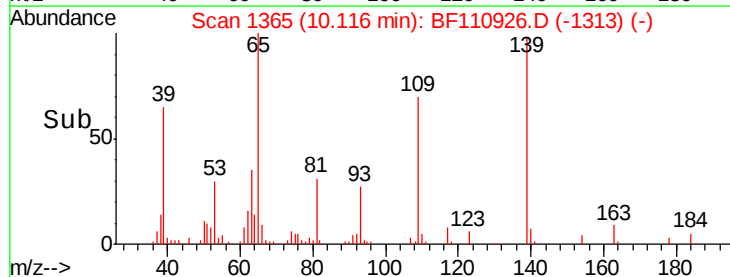
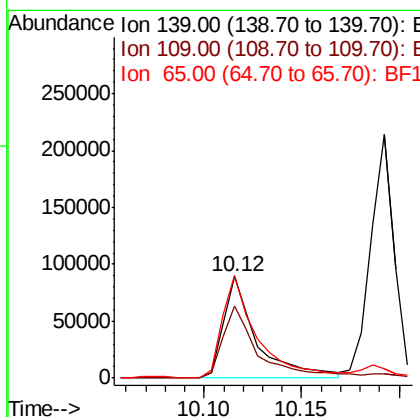
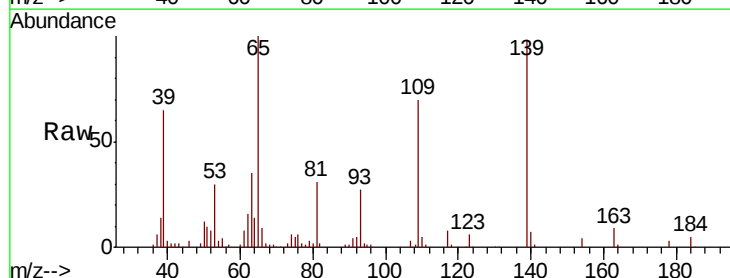
Instrument :
BNA_F
ClientSampleId :

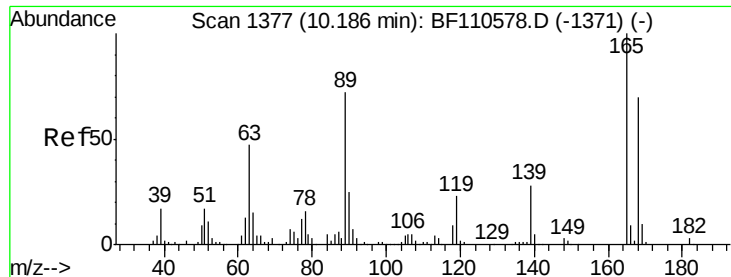
Tot Ion:168 Resp: 435228
Ion Ratio Lower Upper
168 100
139 40.5 33.0 49.6
169 13.3 11.3 16.9



#56
4-Nitrophenol
Concen: 73.129 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:139 Resp: 104973
Ion Ratio Lower Upper
139 100
109 71.7 55.8 95.8
65 102.0 77.9 117.9

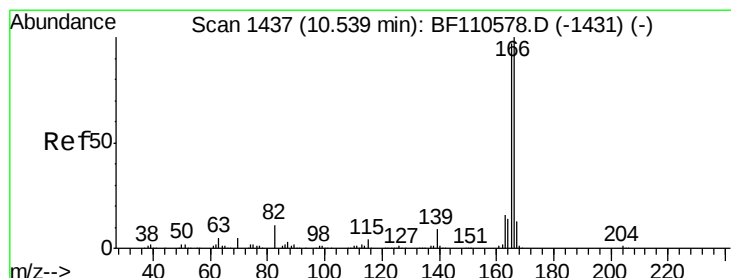
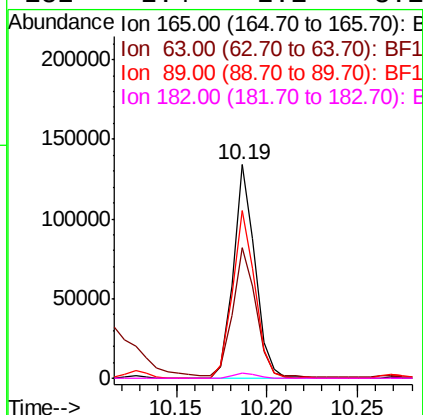
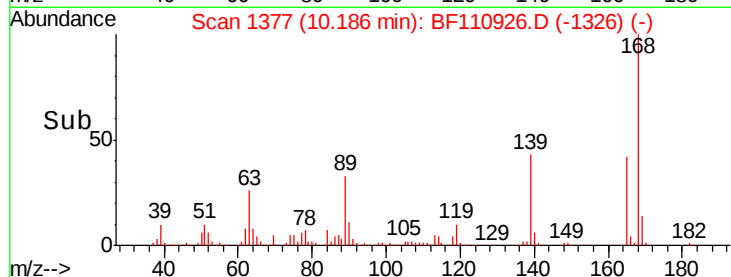
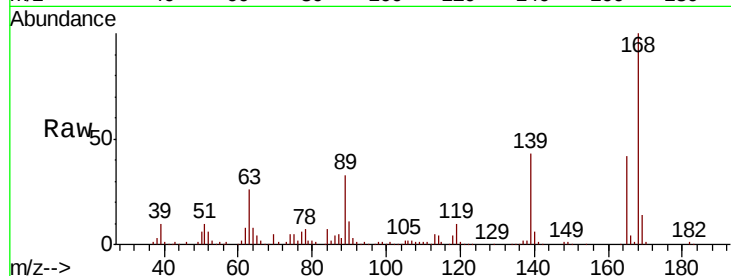




#57
2,4-Dinitrotoluene
Concen: 46.153 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

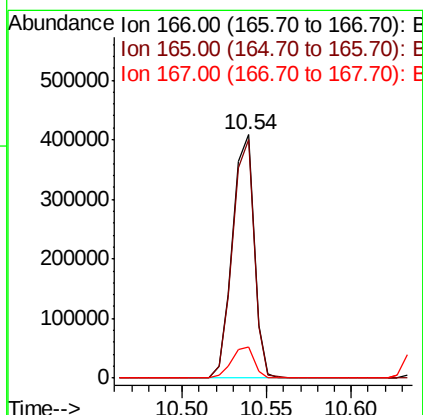
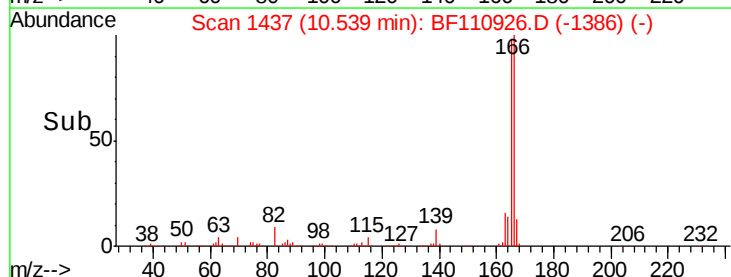
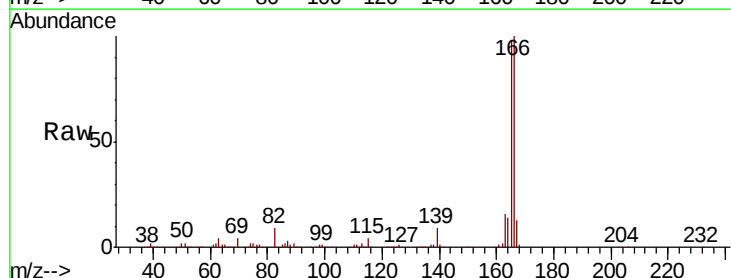
Instrument :
BNA_F
ClientSampleId :

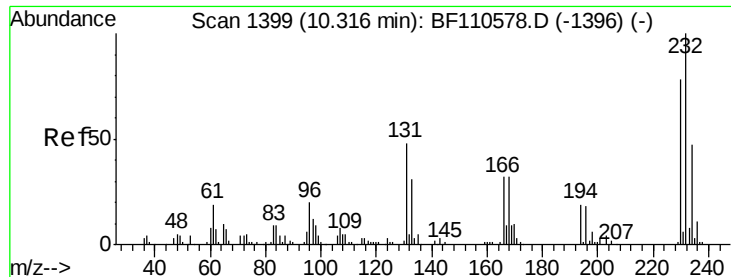
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	61.2	44.8	67.2	
89	78.6	62.2	93.4	
182	2.4	2.1	3.1	



#58
Fluorene
Concen: 46.640 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.7	78.6	117.8	
167	12.9	10.8	16.2	

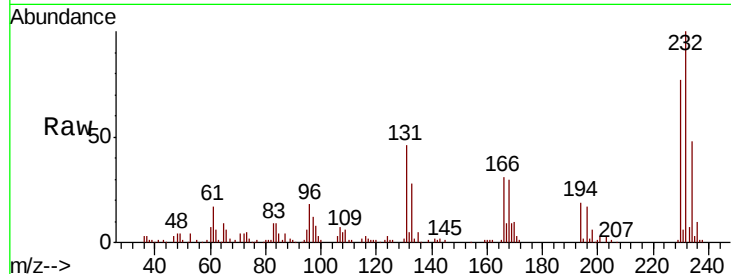




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.837 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	37.0	55.4
130	2.3	1.8	2.6
166	31.7	22.0	33.0



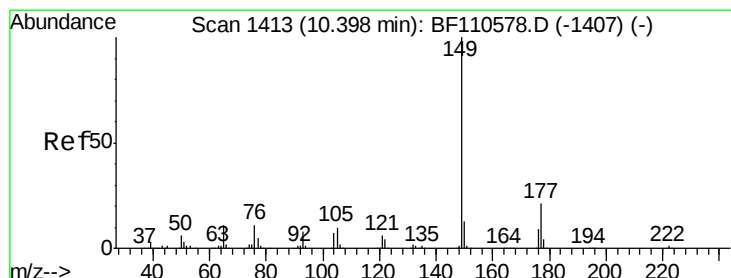
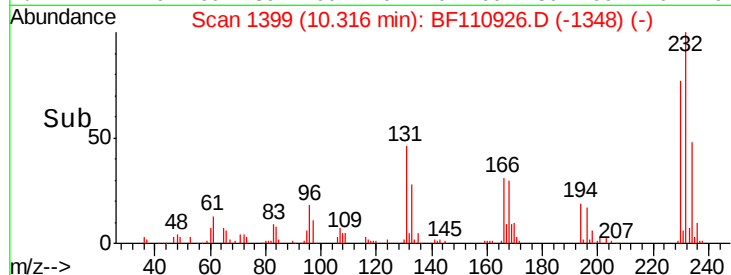
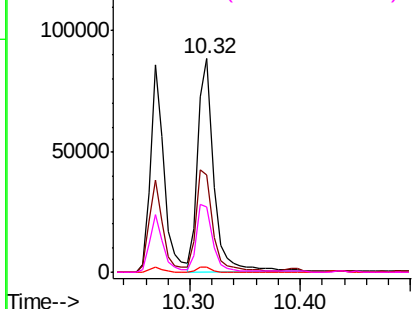
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

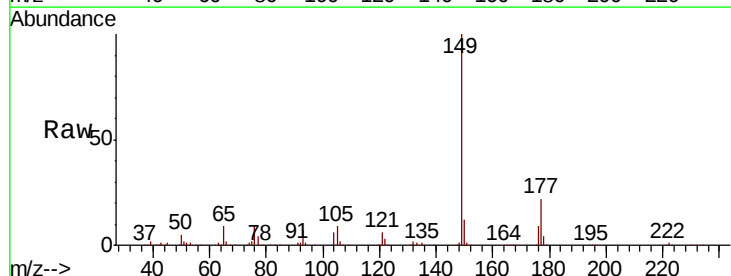
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.555 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.4	26.2
150	12.0	9.8	14.8

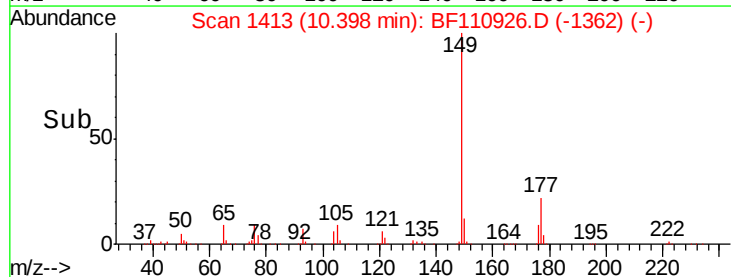
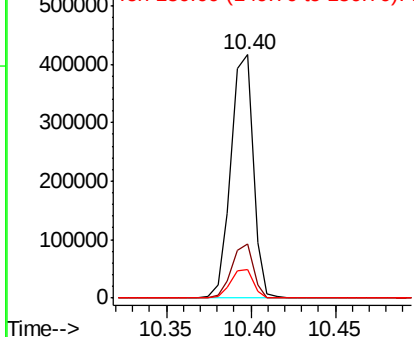


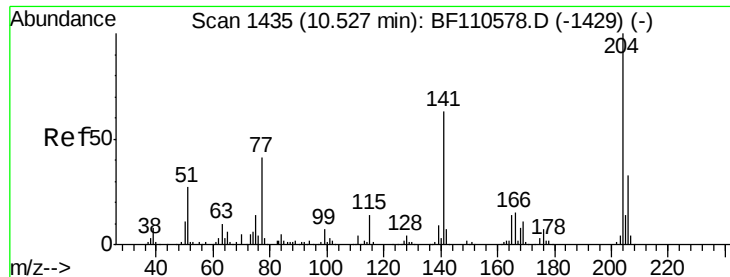
Abundance

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

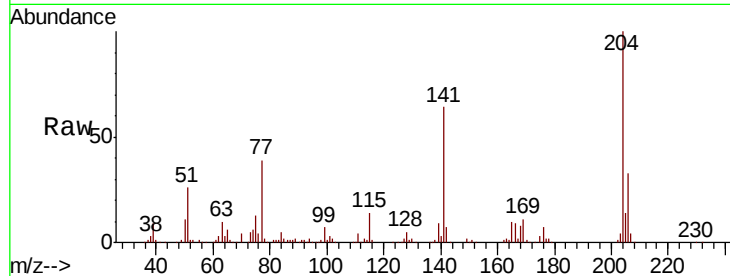




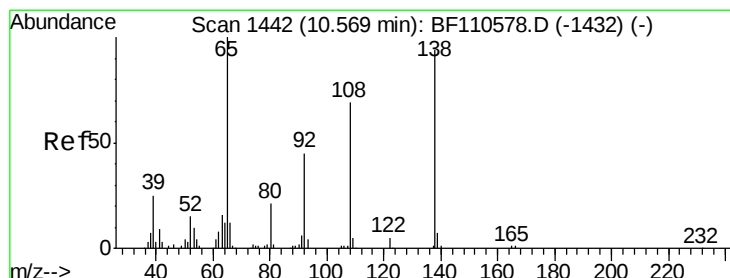
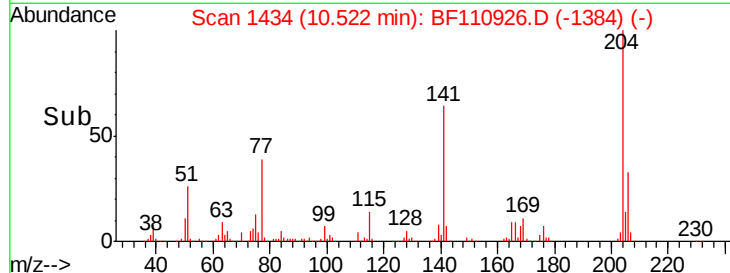
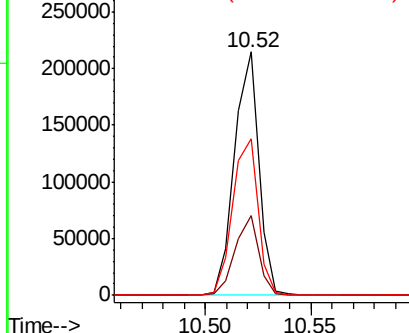
#61
 4-Chlorophenyl-phenylether
 Concen: 42.095 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	204	Resp:	170456
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	64.2	51.8	77.8

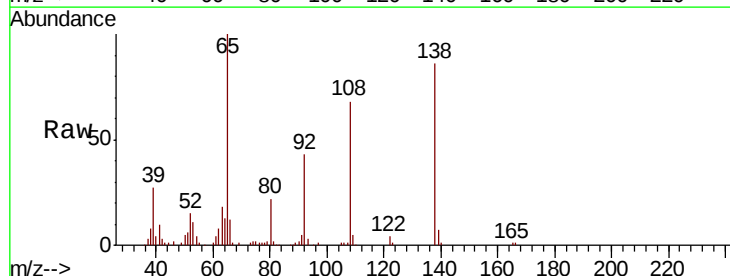


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

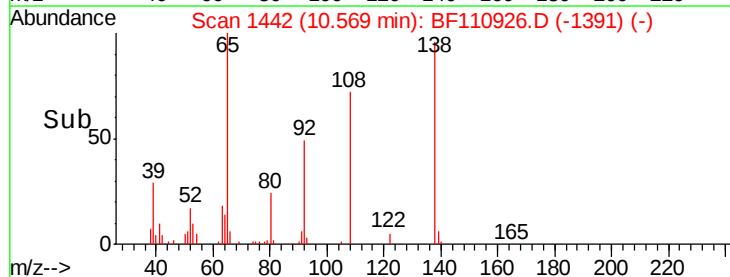
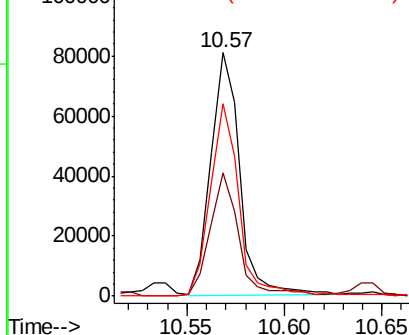


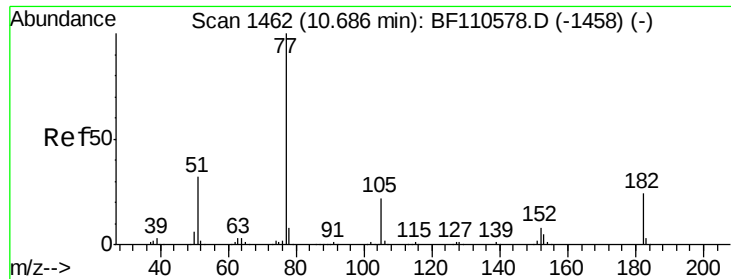
#62
 4-Nitroaniline
 Concen: 38.040 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion:	138	Resp:	82883
Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.7	71.7
108	79.3	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: 43.072 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 352955

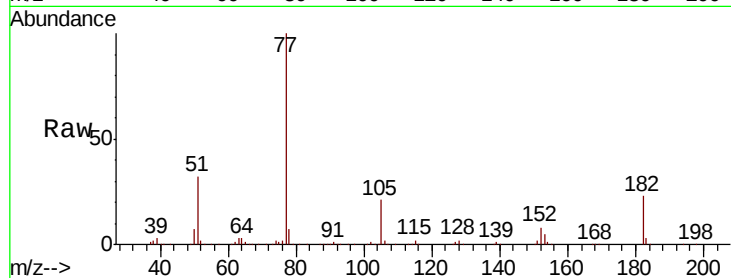
Ion Ratio Lower Upper

77 100

182 23.2 4.3 44.3

105 21.5 1.3 41.3

51 32.3 9.0 49.0

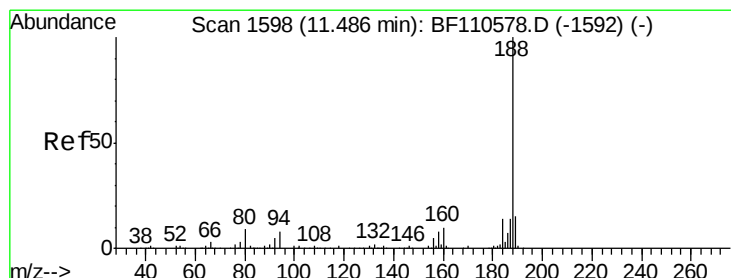
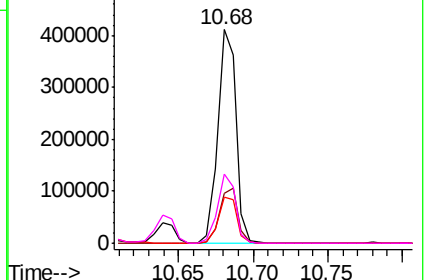
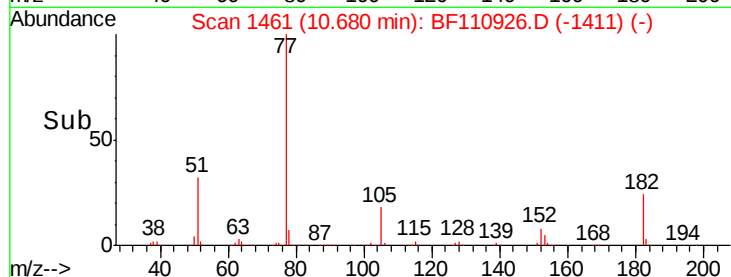


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

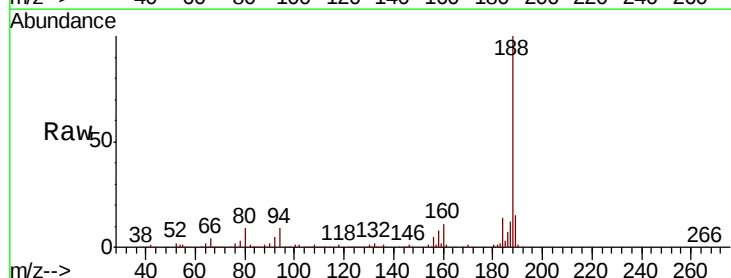
Tgt Ion: 188 Resp: 217258

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

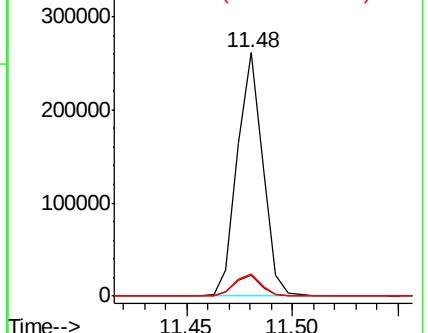
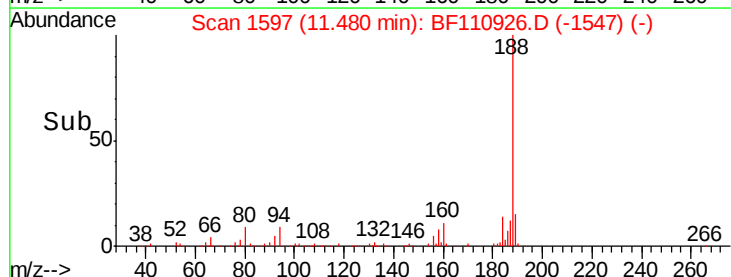
80 9.1 7.9 11.9

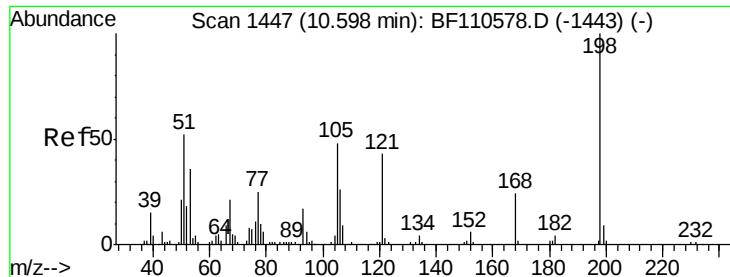


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 31.574 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

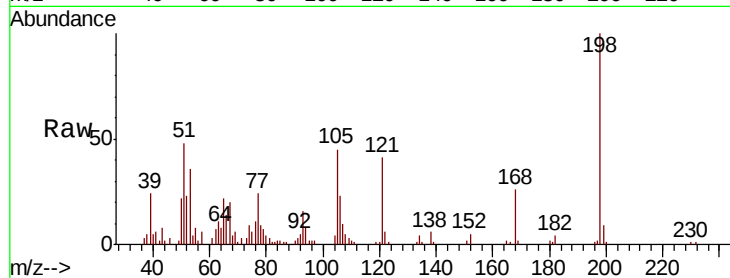
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 34572

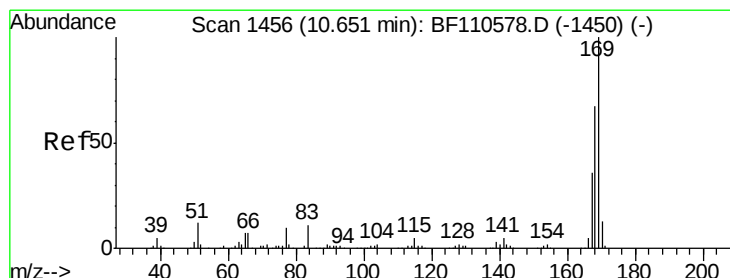
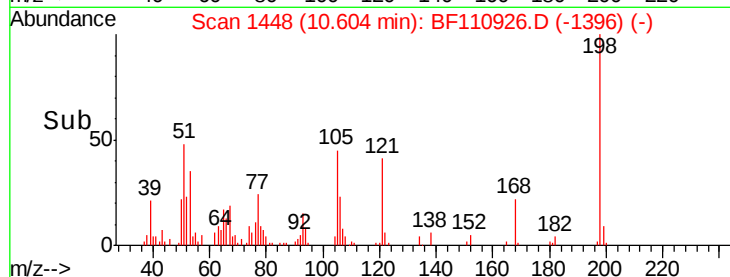
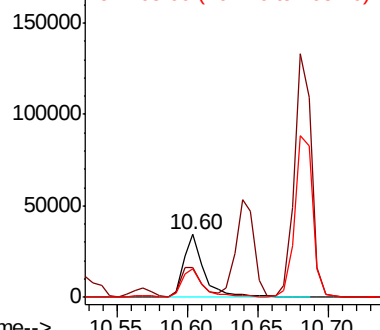
Ion	Ratio	Lower	Upper
198	100		
51	48.1	22.8	62.8
105	44.5	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.215 ng

RT: 10.65 min Scan# 1455

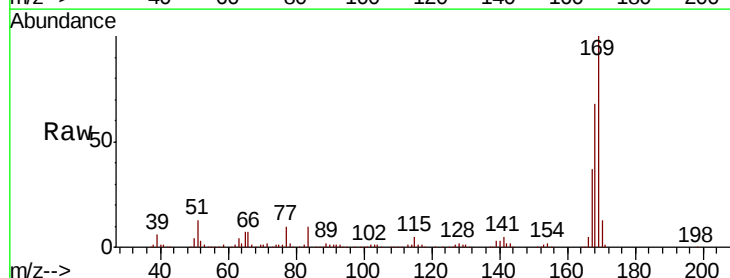
Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Tgt Ion:169 Resp: 316468

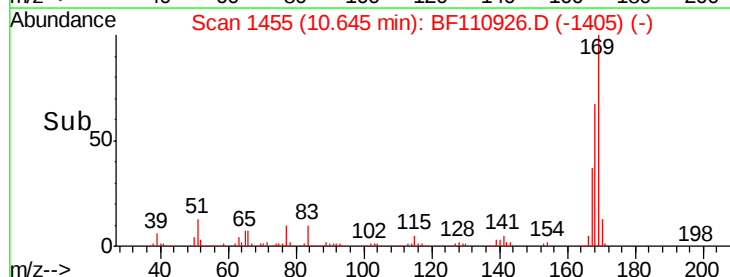
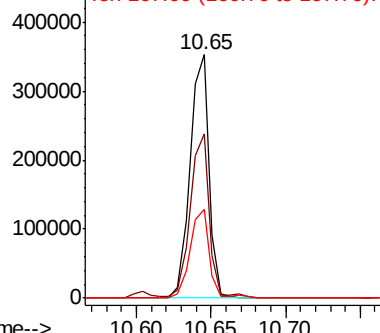
Ion	Ratio	Lower	Upper
169	100		
168	67.5	51.2	76.8
167	36.6	27.8	41.6

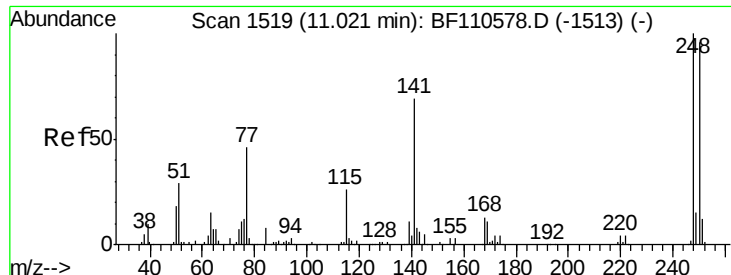


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

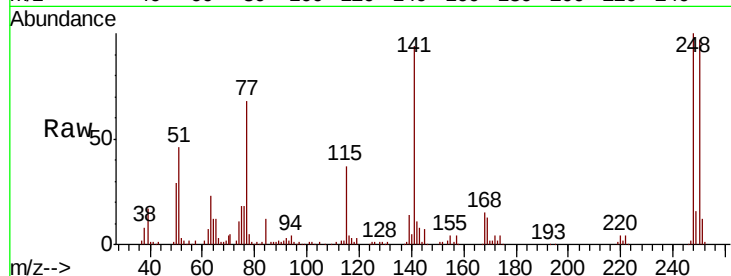




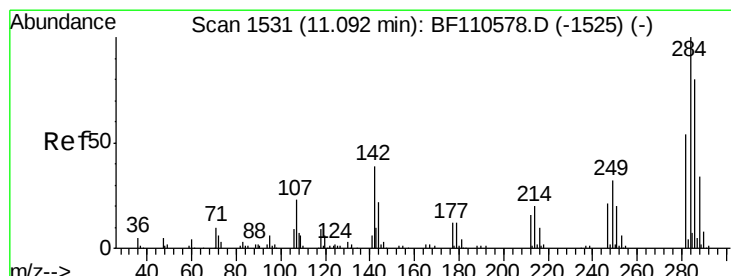
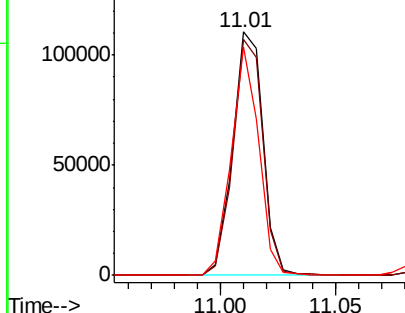
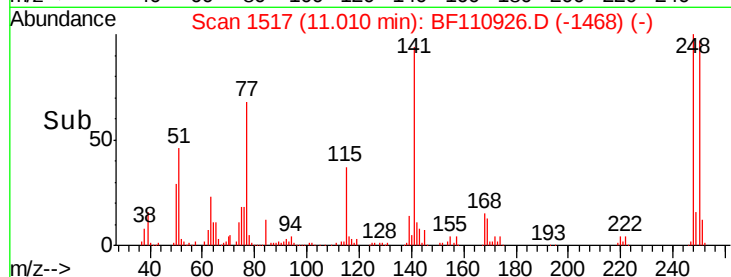
#67
 4-Bromophenyl-phenylether
 Concen: 42.030 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 100920
 Ion Ratio Lower Upper
 248 100
 250 97.0 79.4 119.2
 141 93.5 55.9 83.9#

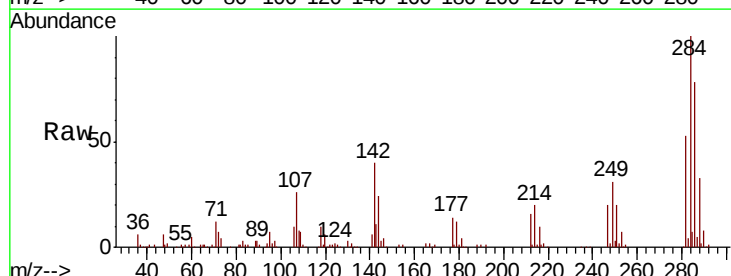


Abundance Ion 248.00 (247.70 to 248.70): E
 150000
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

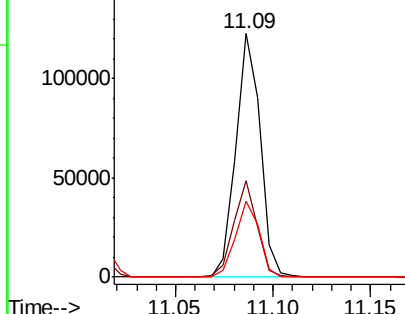
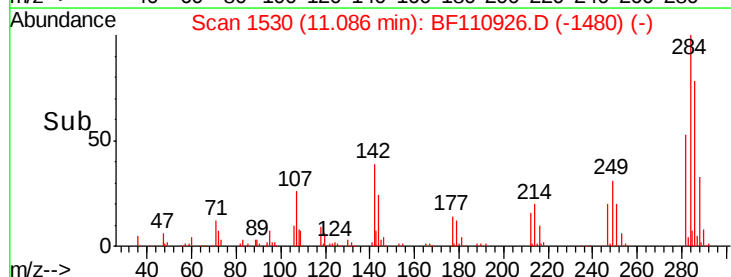


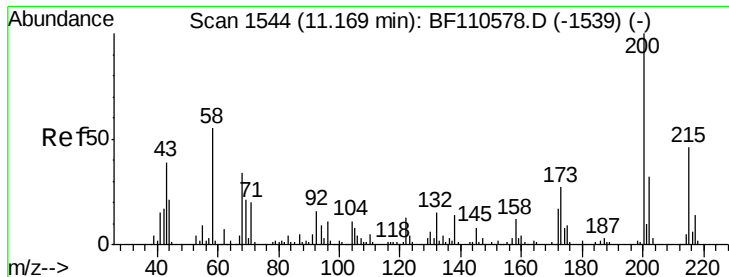
#68
 Hexachlorobenzene
 Concen: 41.886 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion:284 Resp: 106036
 Ion Ratio Lower Upper
 284 100
 142 39.8 23.9 35.9#
 249 31.1 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 150000
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

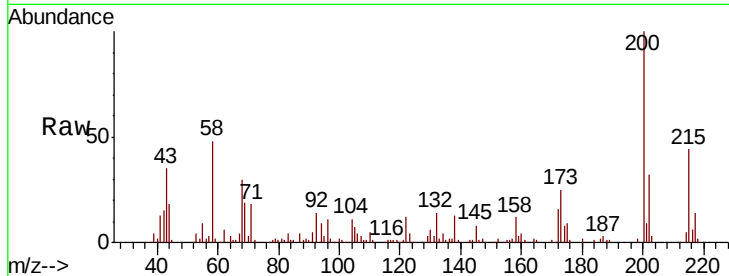




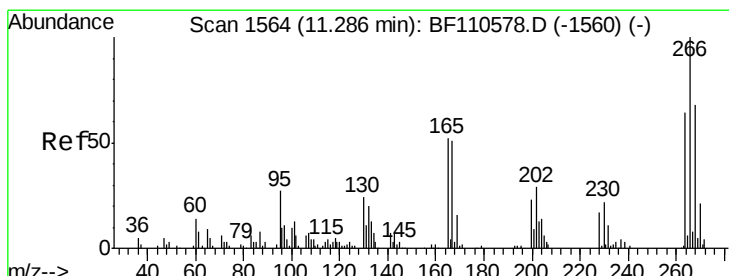
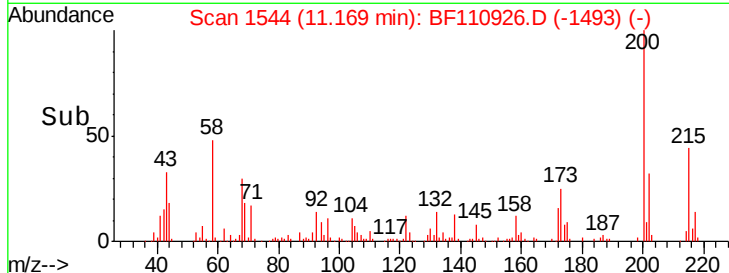
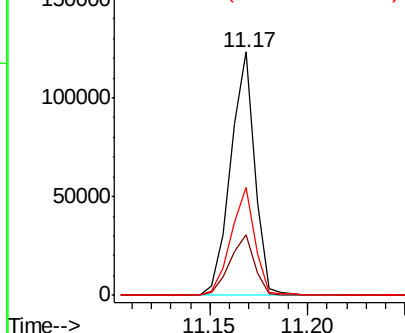
#69
Atrazine
Concen: 47.161 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 105598
Ion Ratio Lower Upper
200 100
173 25.1 6.6 46.6
215 44.3 26.3 66.3

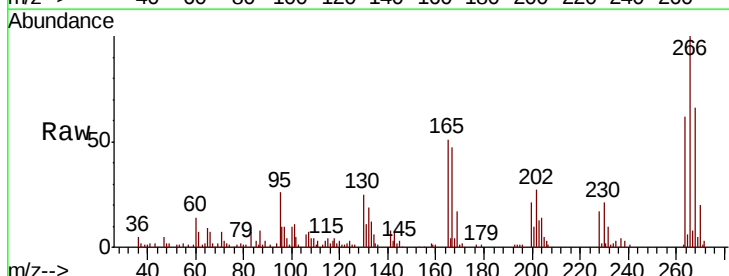


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

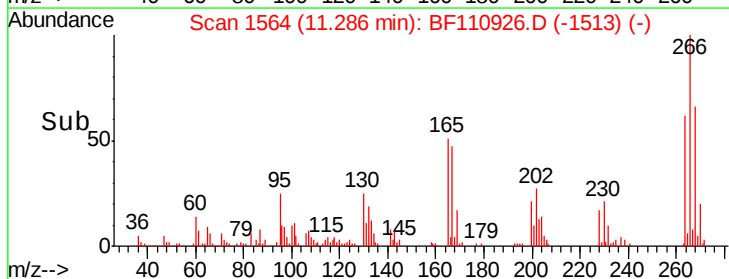
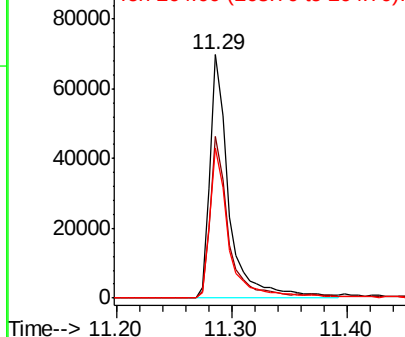


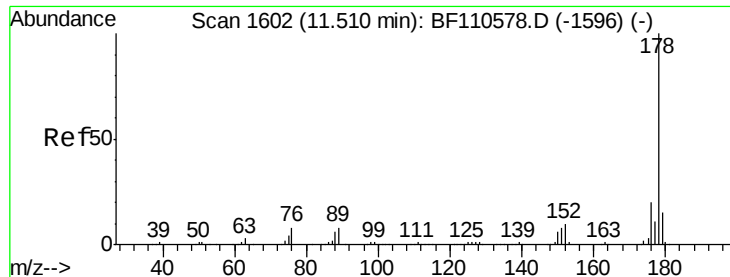
#70
Pentachlorophenol
Concen: 59.612 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:266 Resp: 80524
Ion Ratio Lower Upper
266 100
268 66.4 50.6 75.8
264 61.9 50.6 75.8



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

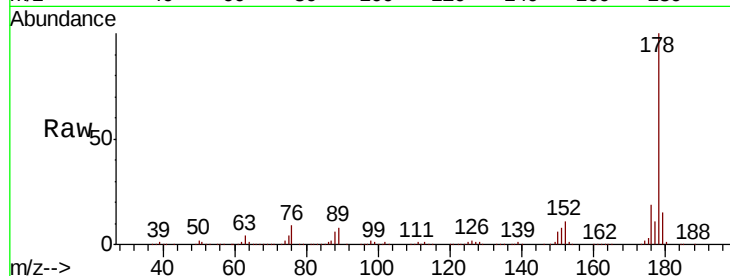




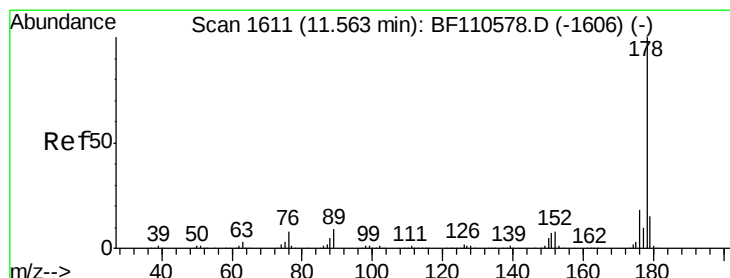
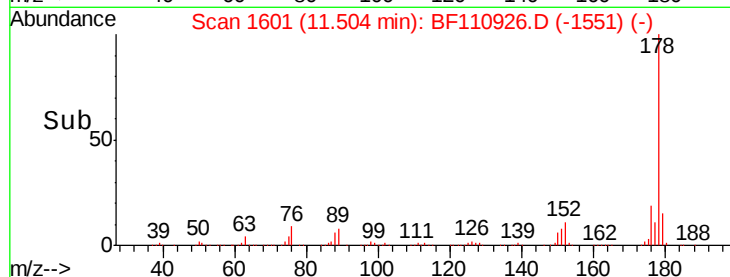
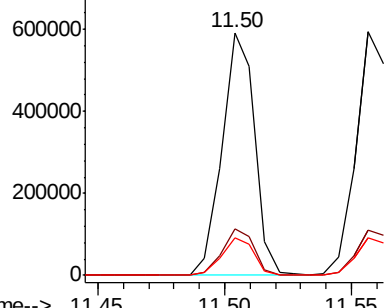
#71
Phenanthrene
Concen: 45.531 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 529962
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.5 18.7

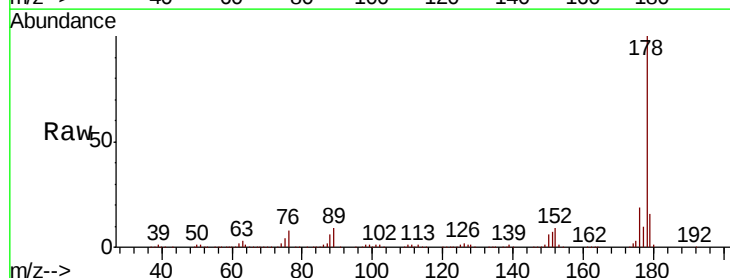


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

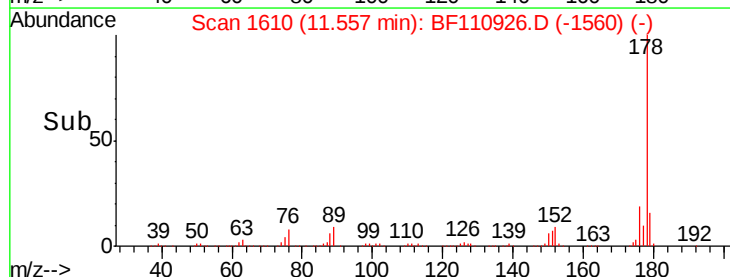
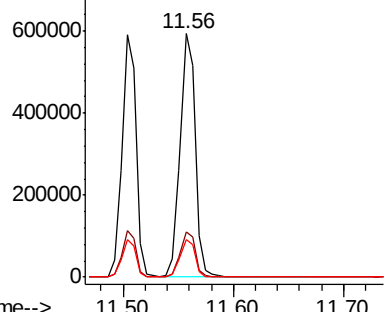


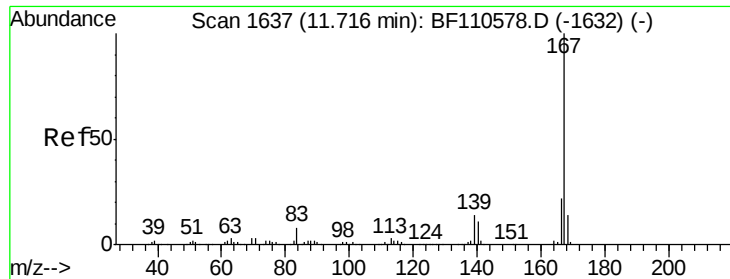
#72
Anthracene
Concen: 46.817 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:178 Resp: 549697
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.6 12.6 18.8



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

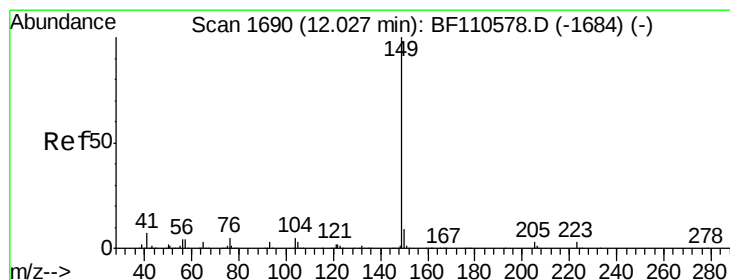
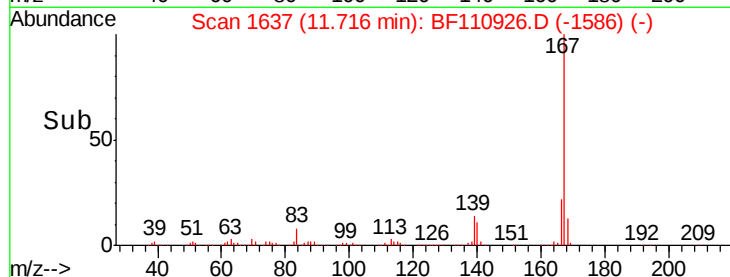
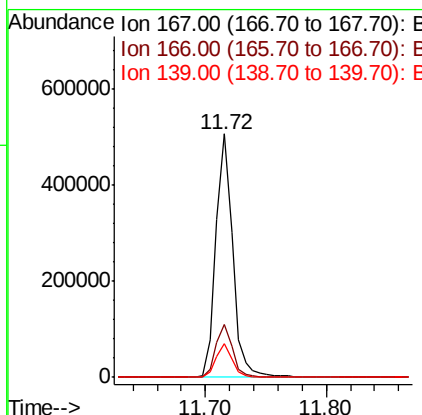
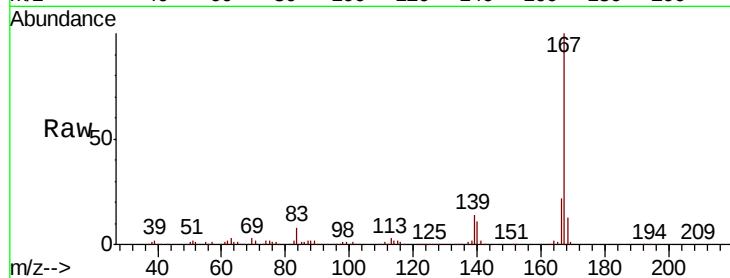




#73
 Carbazole
 Concen: 42.936 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

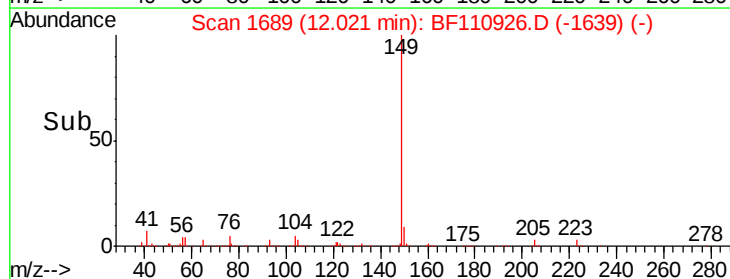
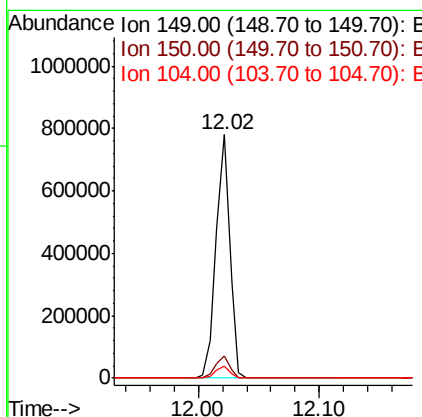
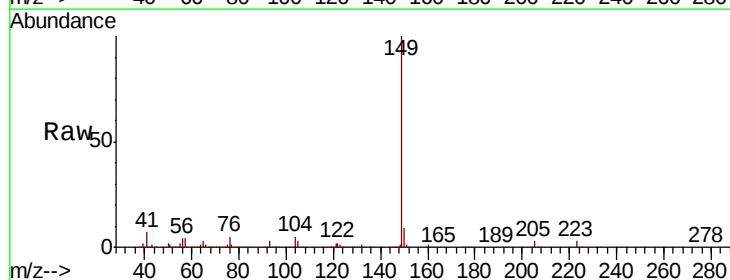
Instrument :
 BNA_F
 ClientSampleId :

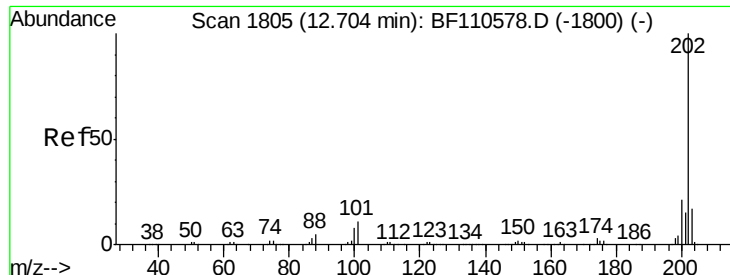
Tot Ion:167 Resp: 484155
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 46.052 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion:149 Resp: 608955
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.0 4.2 6.4

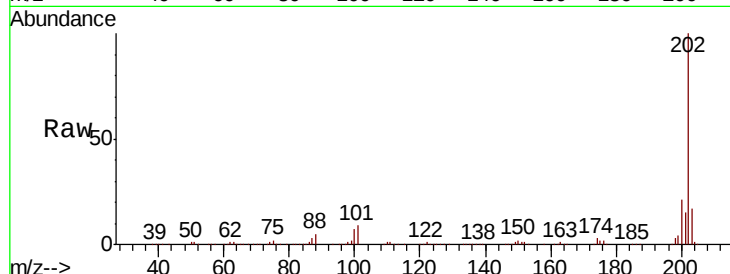




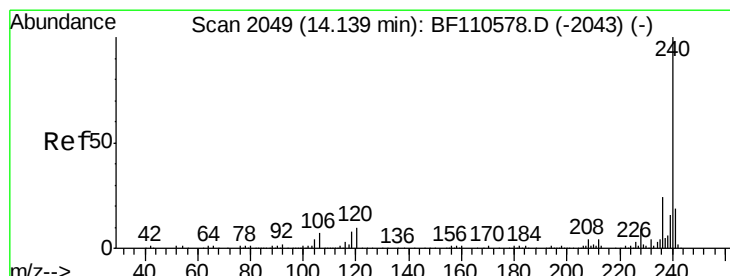
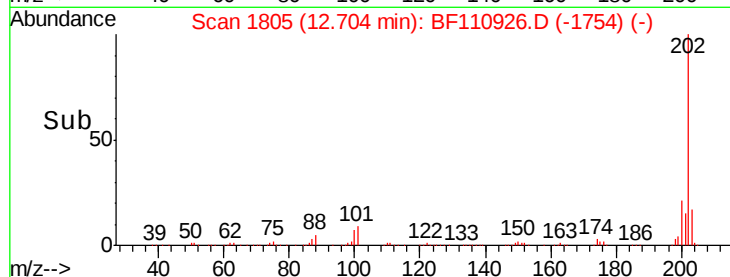
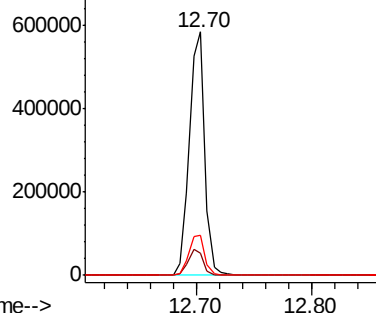
#75
 Fluoranthene
 Concen: 46.568 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	31.4
203	16.7	0.0	37.7

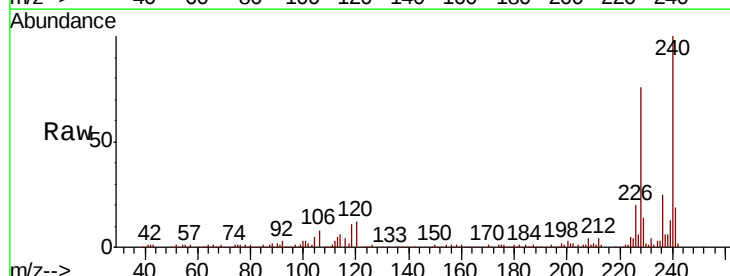


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

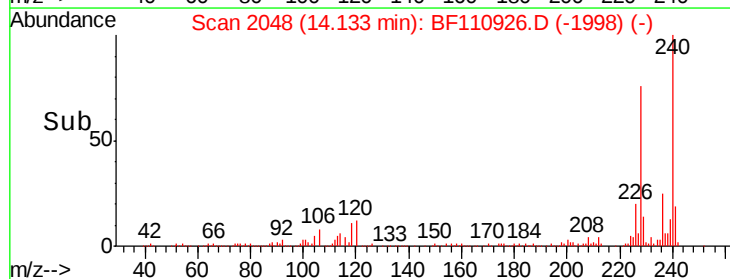
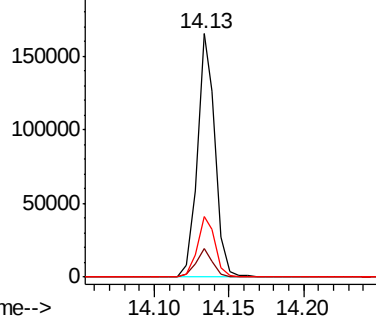


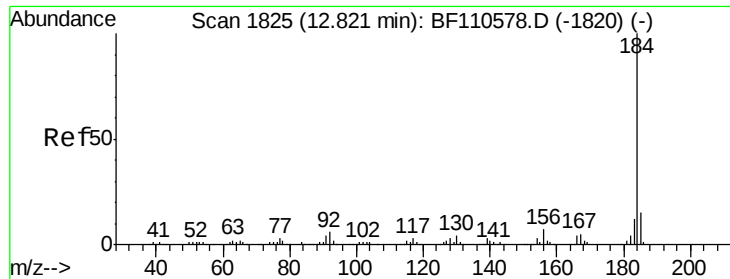
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110926.D
 Acq: 21 Nov 2018 14:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	24.8	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: 34.791 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

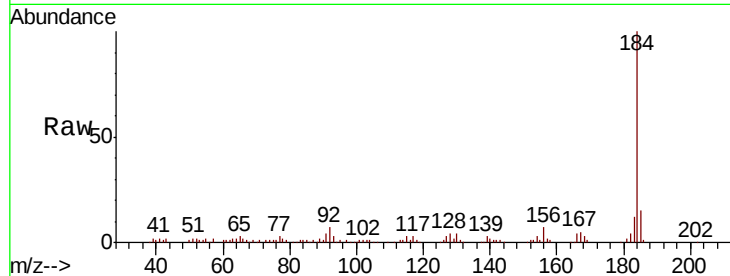
Tot Ion:184 Resp: 133265

Ion Ratio Lower Upper

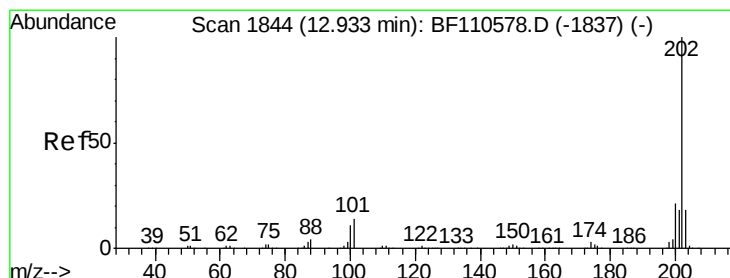
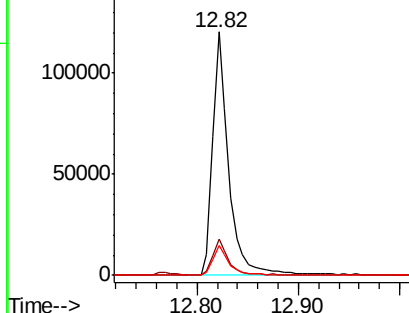
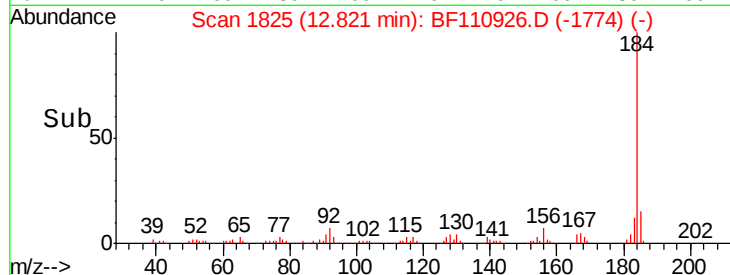
184 100

185 14.7 13.4 20.2

183 12.0 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: 49.862 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

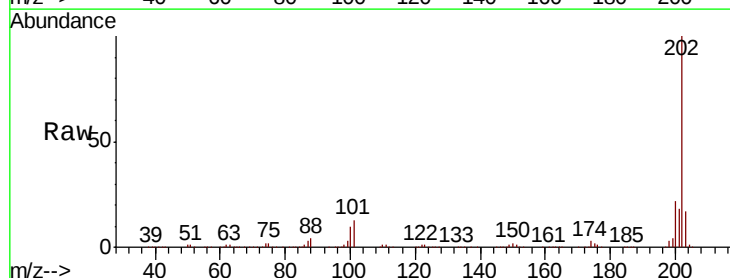
Tgt Ion:202 Resp: 534754

Ion Ratio Lower Upper

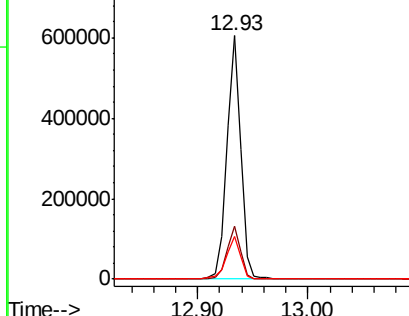
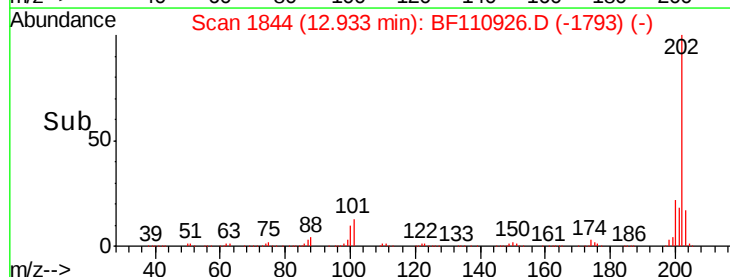
202 100

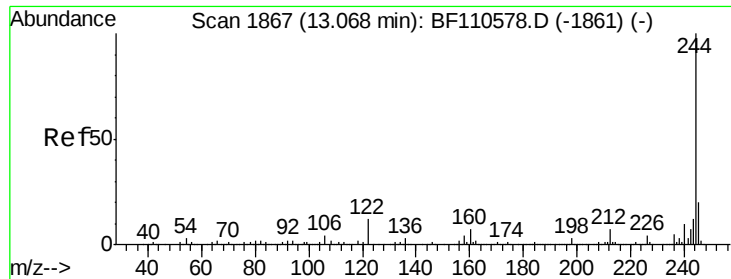
200 21.6 17.8 26.6

203 17.4 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.777 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

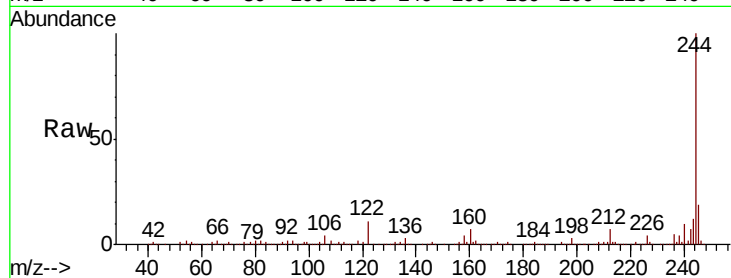
Tot Ion:244 Resp: 623091

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

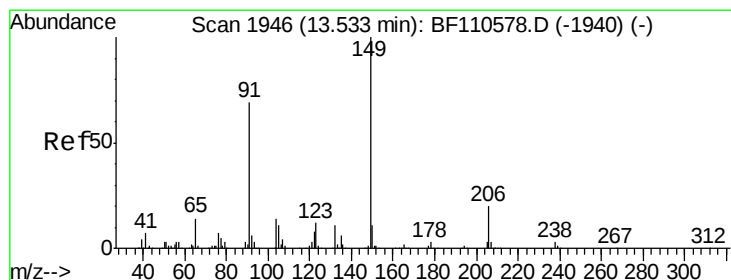
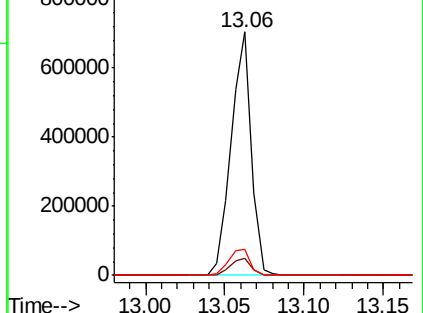
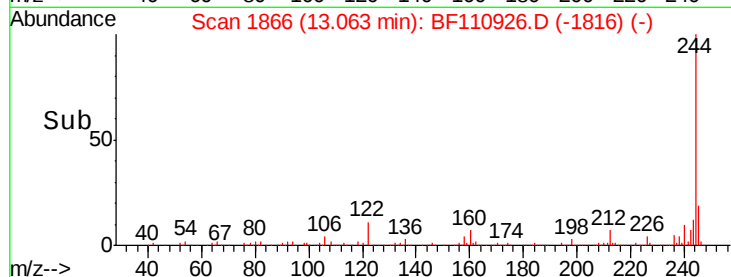
122 10.9 8.7 13.1



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: 52.469 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

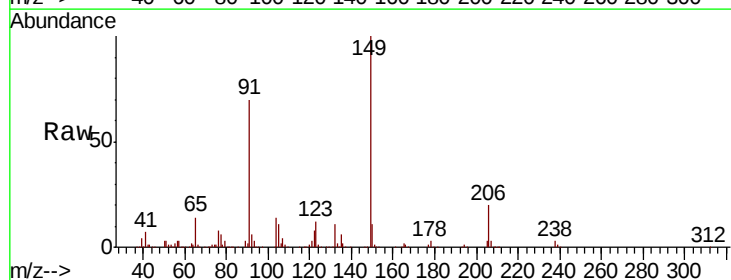
Tgt Ion:149 Resp: 242200

Ion Ratio Lower Upper

149 100

91 69.7 57.2 85.8

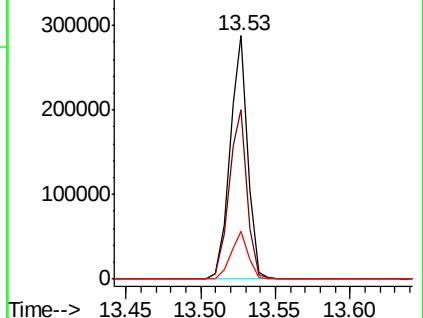
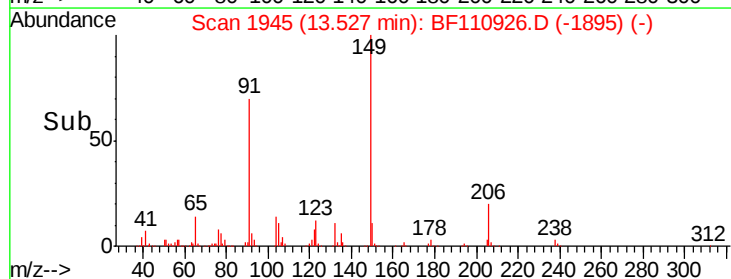
206 19.7 15.7 23.5

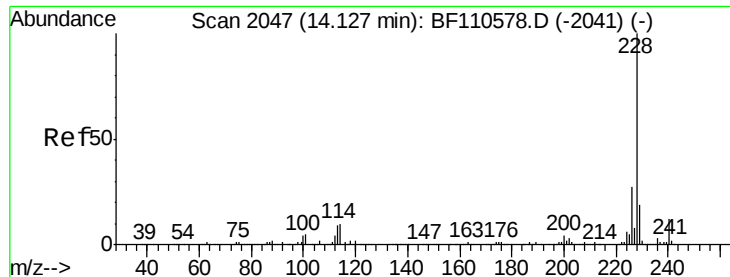


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.712 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

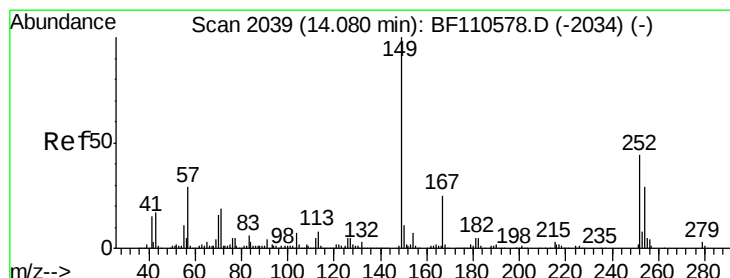
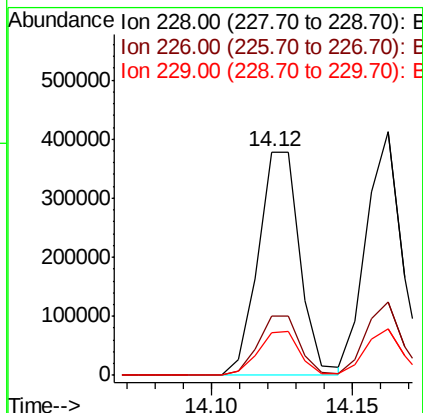
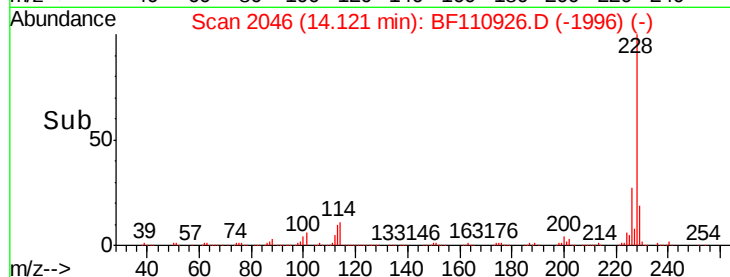
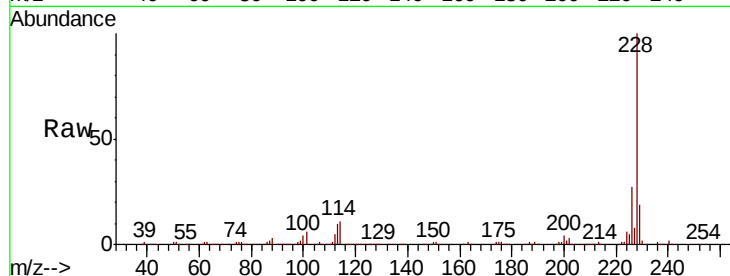
Tot Ion:228 Resp: 388895

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 26.669 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

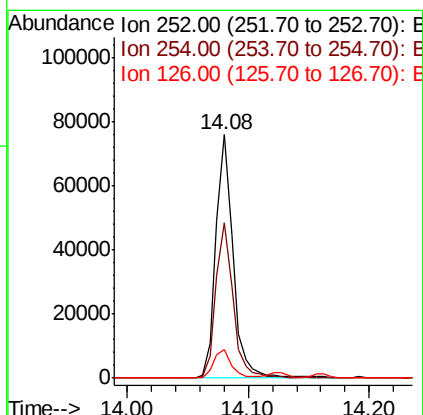
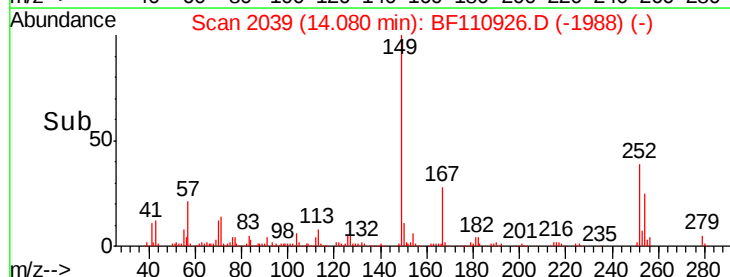
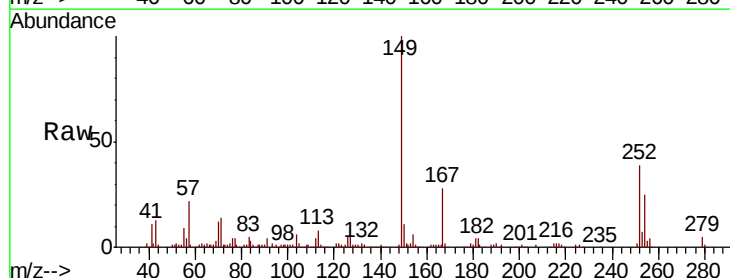
Tgt Ion:252 Resp: 74377

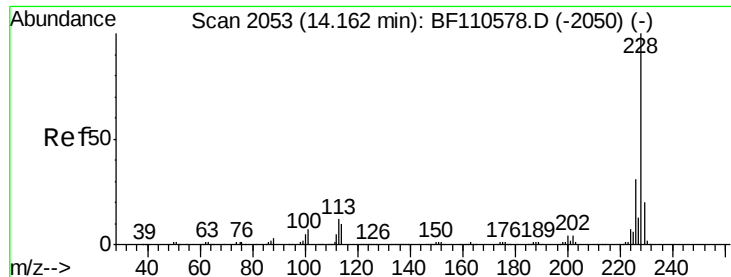
Ion Ratio Lower Upper

252 100

254 63.8 51.3 76.9

126 11.5 9.4 14.2





#83

Chrysene

Concen: 45.533 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampled :

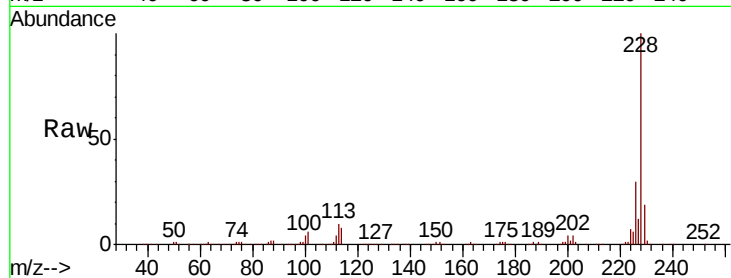
Tot Ion:228 Resp: 361144

Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

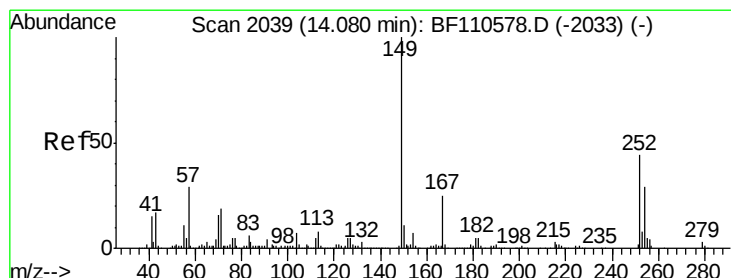
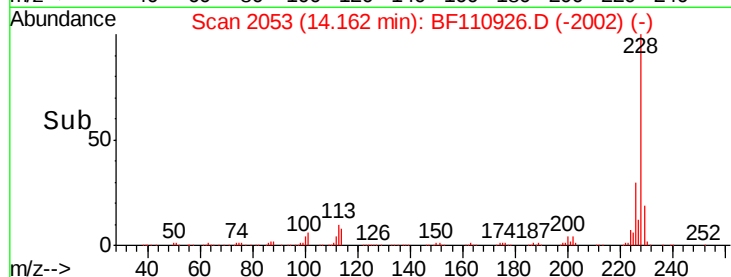
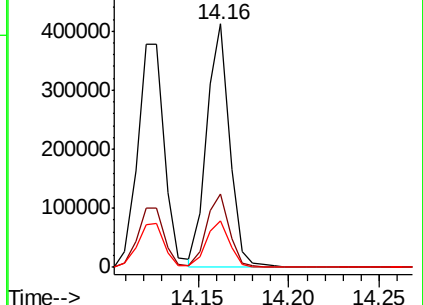
229 18.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.640 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

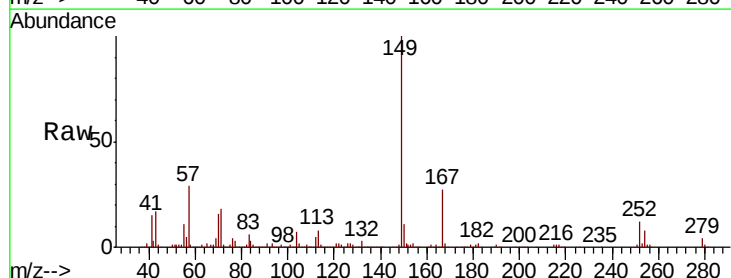
Tgt Ion:149 Resp: 324340

Ion Ratio Lower Upper

149 100

167 26.7 19.8 29.8

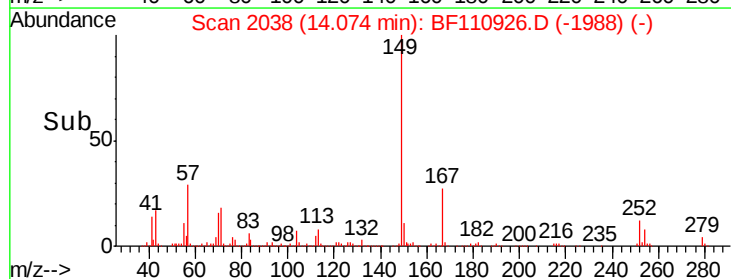
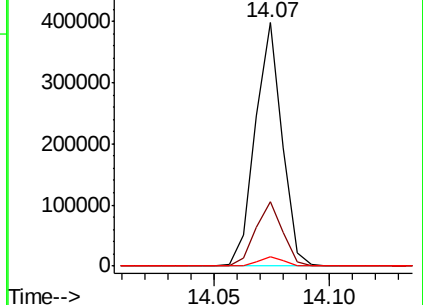
279 3.8 2.7 4.1

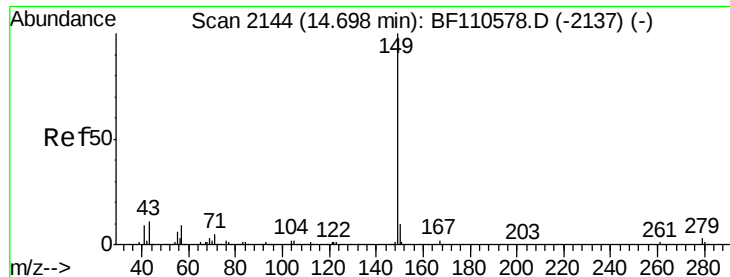


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.870 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

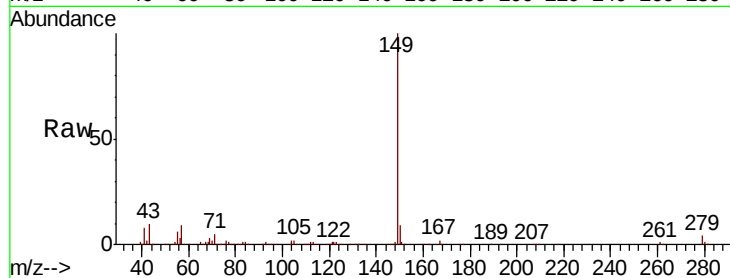
Tot Ion:149 Resp: 462046

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

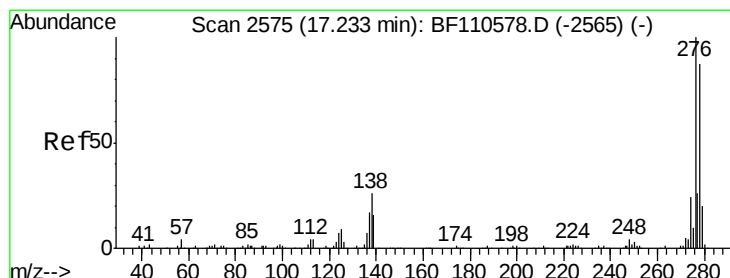
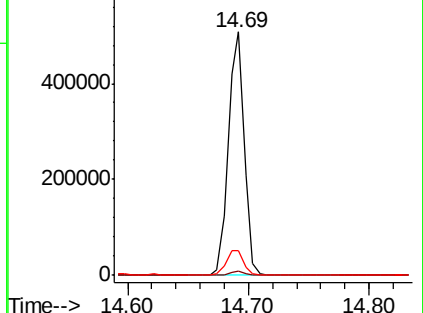
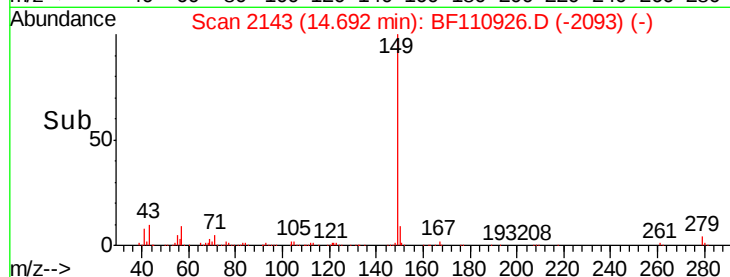
43 10.5 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.840 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.03 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

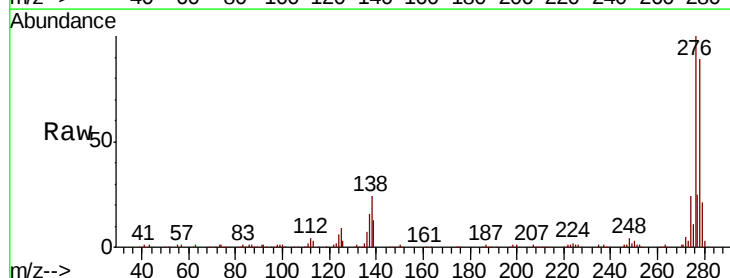
Tgt Ion:276 Resp: 369044

Ion Ratio Lower Upper

276 100

138 24.8 18.5 27.7

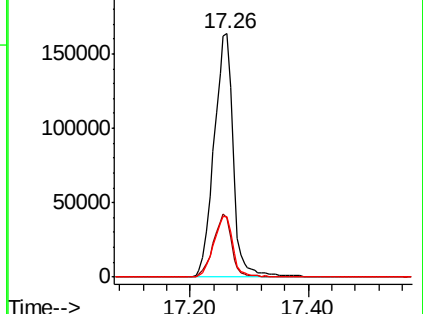
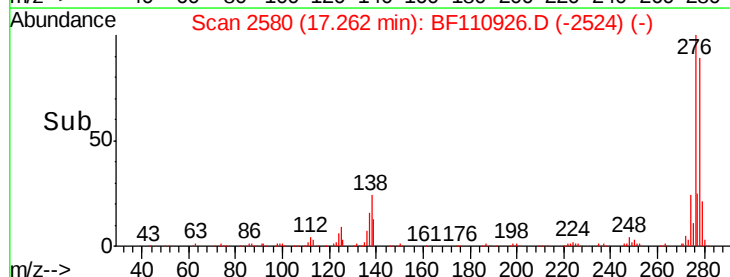
277 25.2 20.0 30.0

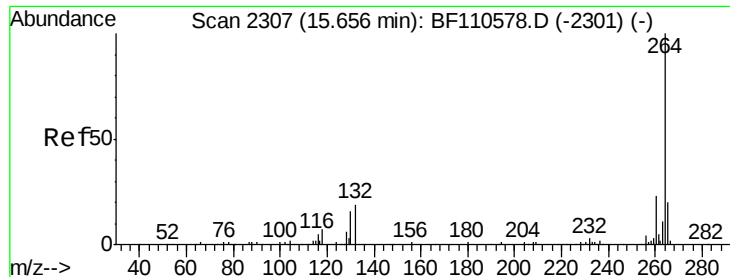


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

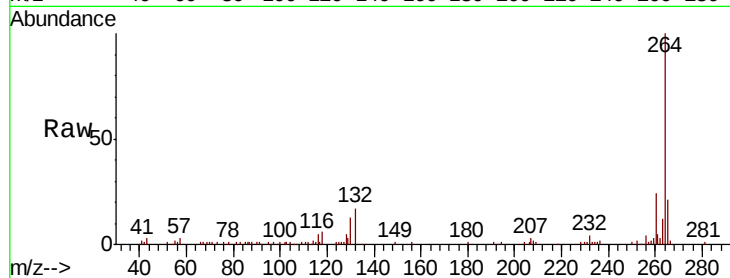




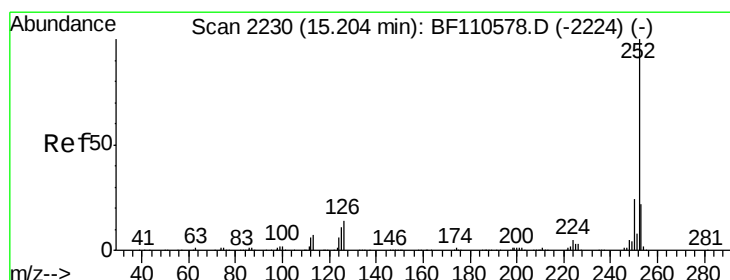
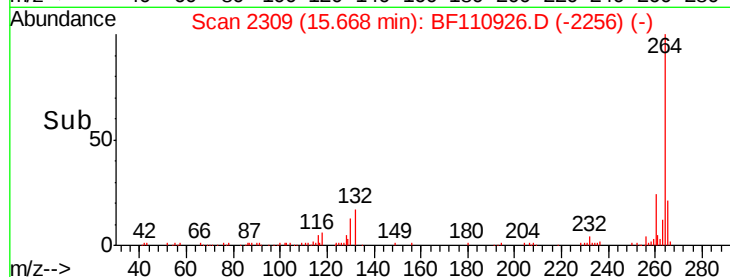
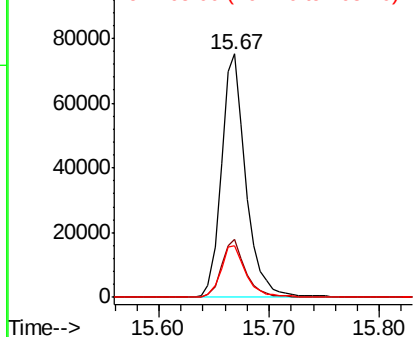
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 115536
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.0 16.7 25.1

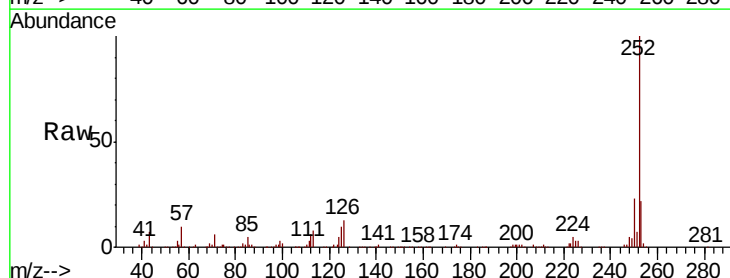


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

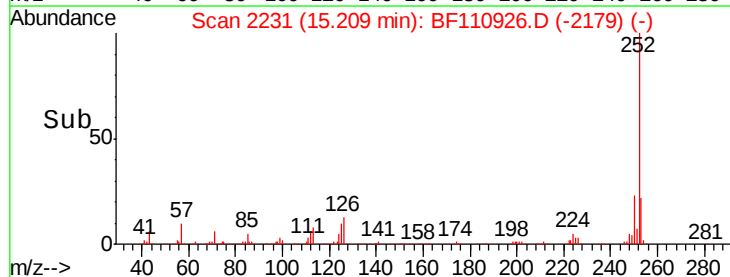
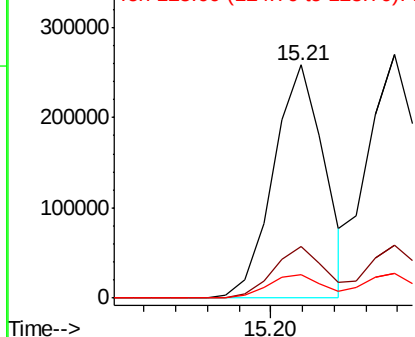


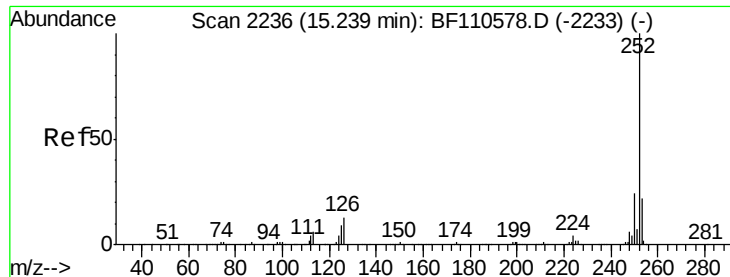
#88
Benzo(b)fluoranthene
Concen: 41.883 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110926.D
Acq: 21 Nov 2018 14:15

Tgt Ion:252 Resp: 289482
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 10.3 8.2 12.4



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





#89

Benzo(k)fluoranthene

Concen: 44.889 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

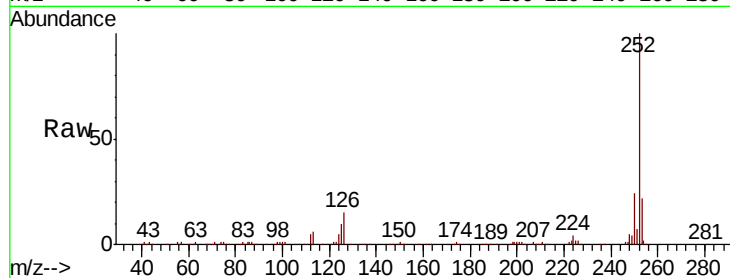
Tot Ion:252 Resp: 306576

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

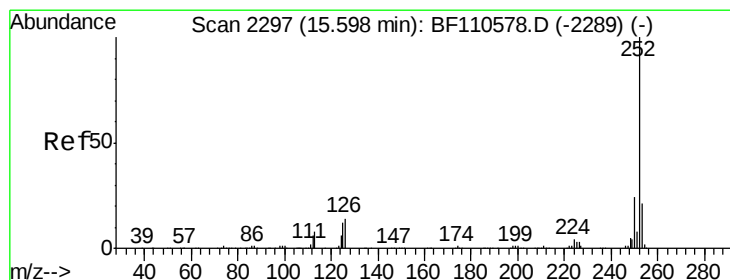
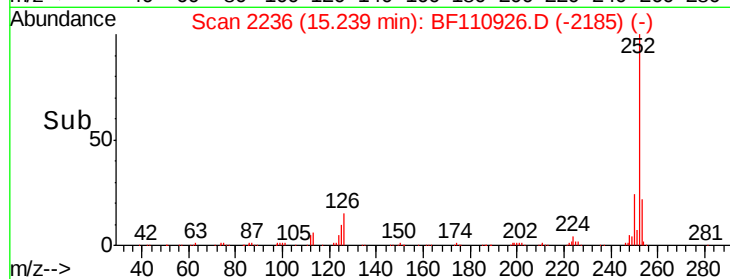
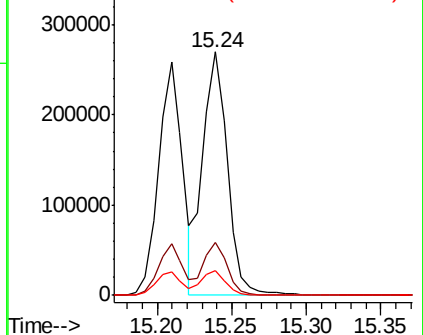
125 10.1 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.084 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

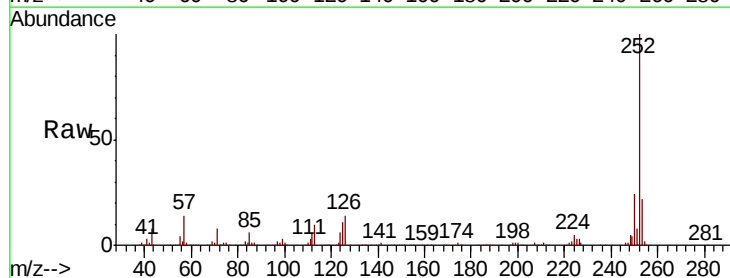
Tgt Ion:252 Resp: 295683

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

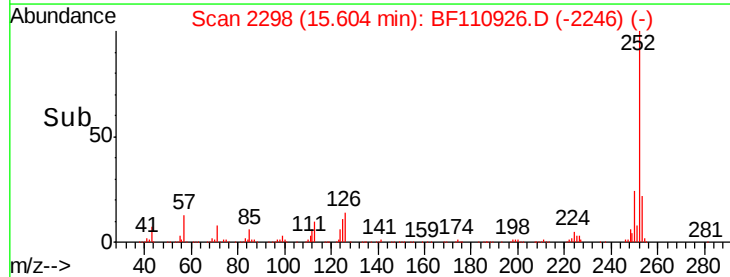
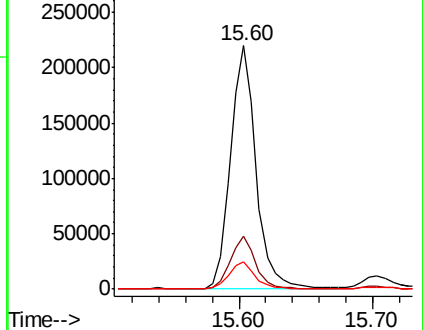
125 11.4 9.0 13.6

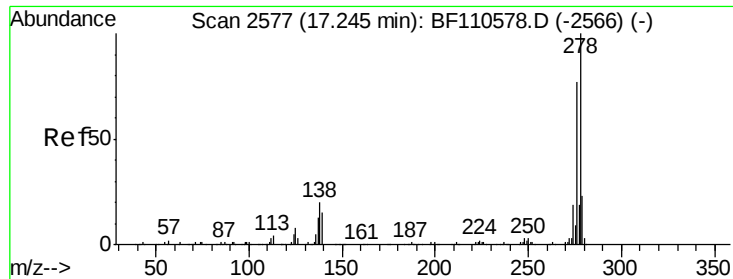


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 57.811 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

Instrument :

BNA_F

ClientSampleId :

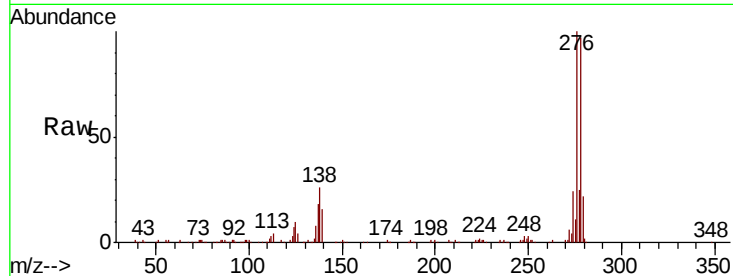
Tot Ion:278 Resp: 307227

Ion Ratio Lower Upper

278 100

139 16.4 12.7 19.1

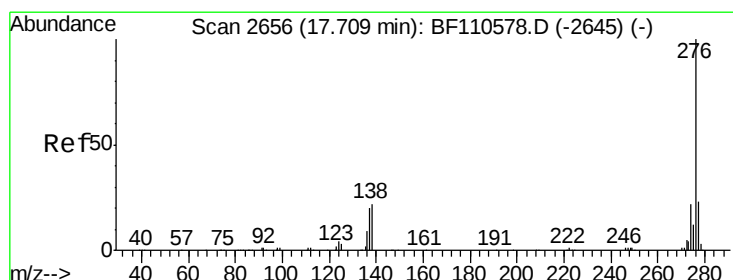
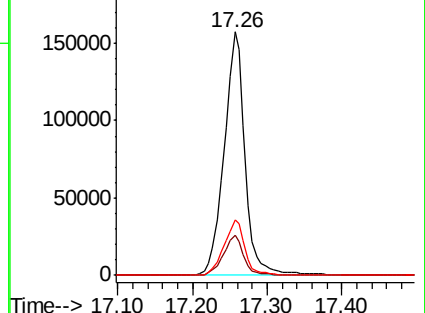
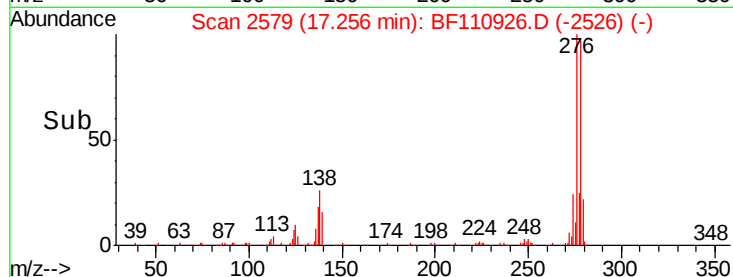
279 22.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 59.180 ng

RT: 17.74 min Scan# 2661

Delta R.T. 0.03 min

Lab File: BF110926.D

Acq: 21 Nov 2018 14:15

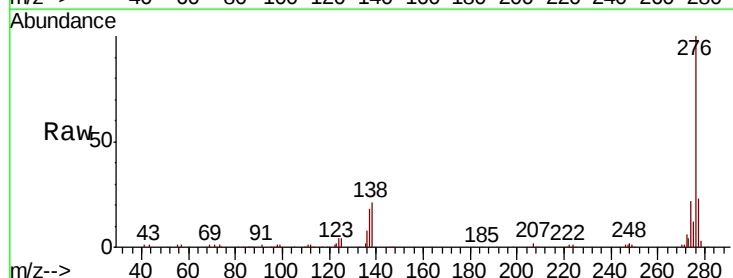
Tgt Ion:276 Resp: 312044

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 20.7 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

