

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110925.D
 Acq On : 21 Nov 2018 13:47
 Operator : JU/SJ
 Sample : J6014-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 14:30:36 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	65762	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	269841	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	132420	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	252532	20.00	ng	0.00
76) Chrysene-d12	14.14	240	164724	20.00	ng	0.00
87) Perylene-d12	15.67	264	129436	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	544003	134.37	ng	0.00
7) Phenol-d6	6.57	99	687168	132.73	ng	0.00
23) Nitrobenzene-d5	7.51	82	430336	91.84	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	167434	125.48	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	658043	70.97	ng	0.00
79) Terphenyl-d14	13.06	244	676815	76.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	57588	28.548	ng	88
3) Pyridine	3.60	79	155736	35.767	ng	# 83
4) n-Nitrosodimethylamine	3.56	42	93529	50.062	ng	82
6) Aniline	6.61	93	182387	27.014	ng	# 56
8) 2-Chlorophenol	6.73	128	205048	43.203	ng	96
9) Benzaldehyde	6.50	77	88257	29.636	ng	95
10) Phenol	6.59	94	288275	48.021	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	181952	40.443	ng	92
12) 1,3-Dichlorobenzene	6.88	146	207673	39.991	ng	98
13) 1,4-Dichlorobenzene	6.96	146	211748	40.155	ng	96
14) 1,2-Dichlorobenzene	7.11	146	201757	41.128	ng	99
15) Benzyl Alcohol	7.09	79	175792	43.390	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.21	45	287910	40.751	ng	76
17) 2-Methylphenol	7.19	107	166214	44.004	ng	# 84
18) Hexachloroethane	7.45	117	79685	40.932	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	140573	42.537	ng	96
20) 3+4-Methylphenols	7.35	107	215090	44.359	ng	# 86
22) Acetophenone	7.36	105	281979	44.838	ng	# 94
24) Nitrobenzene	7.53	77	213363	44.444	ng	97
25) Isophorone	7.76	82	387090	50.404	ng	96
26) 2-Nitrophenol	7.85	139	110317	46.062	ng	94
27) 2,4-Dimethylphenol	7.87	122	188542	51.692	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	237859	45.744	ng	99
29) 2,4-Dichlorophenol	8.09	162	172474	45.956	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	181285	42.842	ng	96
31) Naphthalene	8.25	128	589979	46.574	ng	100
32) Benzoic acid	7.99	122	35277	13.670	ng	87
33) 4-Chloroaniline	8.30	127	92431	16.109	ng	98
34) Hexachlorobutadiene	8.35	225	99497	41.167	ng	99
35) Caprolactam	8.68	113	33435	26.665	ng	89
36) 4-Chloro-3-methylphenol	8.79	107	194361	48.019	ng	98
37) 2-Methylnaphthalene	8.94	142	402178	48.431	ng	100
38) 1-Methylnaphthalene	9.04	142	384321	48.123	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	172203	41.083	ng	98

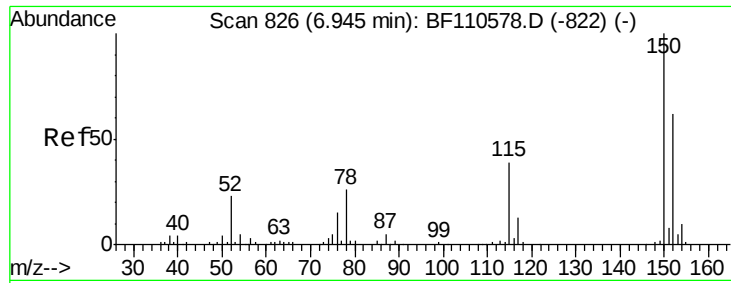
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110925.D
 Acq On : 21 Nov 2018 13:47
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	54752	37.939	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	116376	44.182	ng	97
44) 2,4,5-Trichlorophenol	9.27	196	123870	44.087	ng	95
46) 1,1'-Biphenyl	9.40	154	497021	40.235	ng	100
47) 2-Chloronaphthalene	9.43	162	381716	42.892	ng	98
48) 2-Nitroaniline	9.53	65	126518	46.133	ng	99
49) Acenaphthylene	9.85	152	588274	45.900	ng	99
50) Dimethylphthalate	9.70	163	507699	51.382	ng	99
51) 2,6-Dinitrotoluene	9.77	165	97694	44.946	ng	93
52) Acenaphthene	10.02	154	354862	43.812	ng	97
53) 3-Nitroaniline	9.95	138	71115	28.240	ng	90
54) 2,4-Dinitrophenol	10.07	184	37037	44.962	ng	92
55) Dibenzofuran	10.19	168	504728	42.593	ng	99
56) 4-Nitrophenol	10.12	139	126696	75.836	ng	97
57) 2,4-Dinitrotoluene	10.19	165	130445	46.157	ng	90
58) Fluorene	10.54	166	432066	47.469	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	102999	46.599	ng	94
60) Diethylphthalate	10.40	149	455995	46.648	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	198667	42.155	ng	100
62) 4-Nitroaniline	10.57	138	101058	39.853	ng	94
63) Azobenzene	10.69	77	419348	43.970	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	40629	31.923	ng	94
66) n-Nitrosodiphenylamine	10.65	169	373408	43.868	ng	97
67) 4-Bromophenyl-phenylether	11.02	248	116550	41.760	ng	98
68) Hexachlorobenzene	11.09	284	126160	42.874	ng	# 91
69) Atrazine	11.17	200	122521	47.076	ng	99
70) Pentachlorophenol	11.29	266	97173	61.889	ng	98
71) Phenanthrene	11.51	178	620595	45.870	ng	98
72) Anthracene	11.56	178	642478	47.075	ng	99
73) Carbazole	11.72	167	566394	43.213	ng	100
74) Di-n-butylphthalate	12.02	149	703104	45.745	ng	99
75) Fluoranthene	12.70	202	636998	46.962	ng	97
77) Benzidine	12.82	184	163324	36.054	ng	97
78) Pyrene	12.93	202	625989	49.355	ng	99
80) Butylbenzylphthalate	13.53	149	283345	51.904	ng	99
81) Benzo(a)anthracene	14.13	228	470394	47.776	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	97427	29.539	ng	99
83) Chrysene	14.16	228	439168	46.819	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	387492	57.219	ng	97
85) Di-n-octyl phthalate	14.69	149	575092	57.748	ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	406657	60.415	ng	99
88) Benzo(b)fluoranthene	15.21	252	366340	47.311	ng	100
89) Benzo(k)fluoranthene	15.24	252	335030	43.787	ng	98
90) Benzo(a)pyrene	15.60	252	338192	48.070	ng	98
91) Dibenzo(a,h)anthracene	17.26	278	337037	56.610	ng	100
92) Benzo(g,h,i)perylene	17.74	276	336985	57.047	ng	98

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

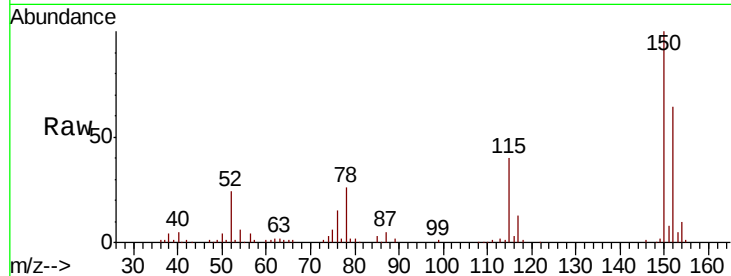


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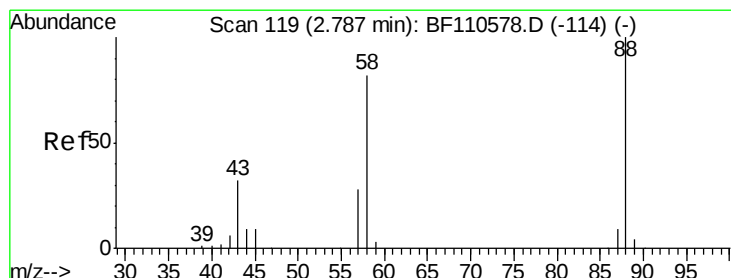
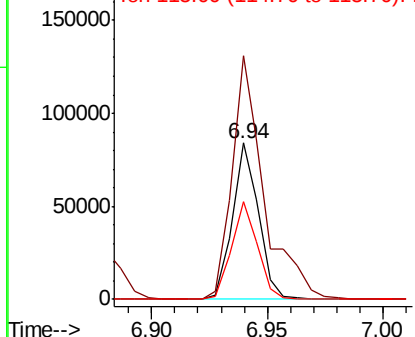
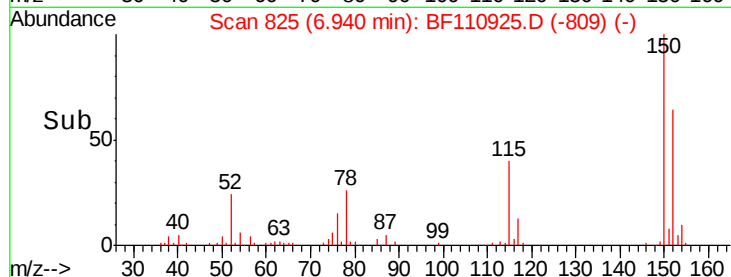
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65762
Ion Ratio Lower Upper
152 100
150 155.8 122.7 184.1
115 62.9 49.1 73.7



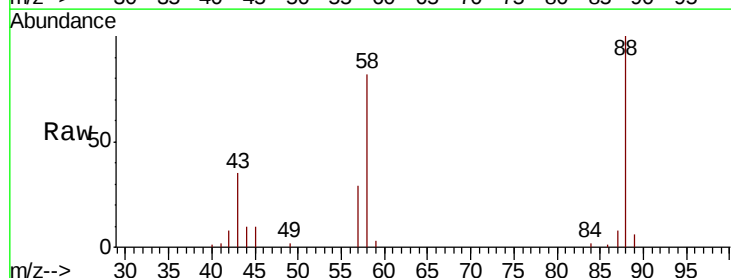
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



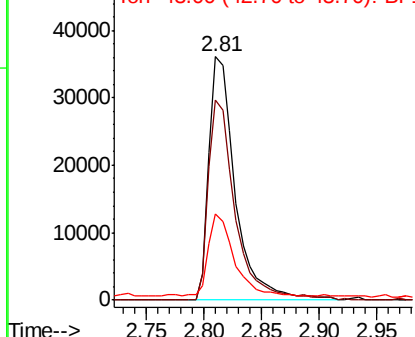
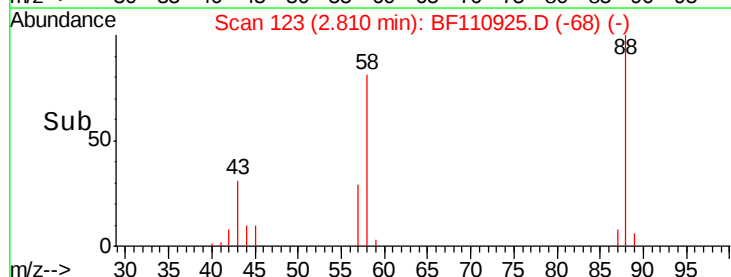
#2

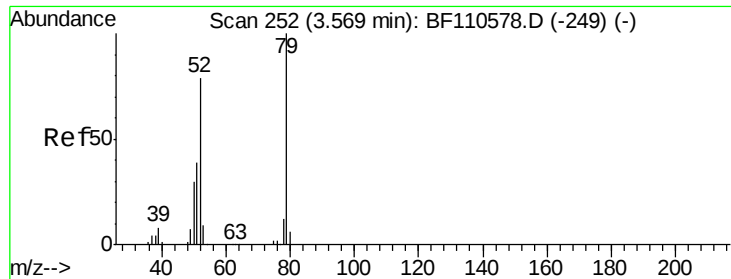
1,4-Dioxane
Concen: 28.548 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.02 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion: 88 Resp: 57588
Ion Ratio Lower Upper
88 100
58 83.8 57.1 85.7
43 33.0 24.1 36.1



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





#3

Pvridine

Concen: 35.767 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.04 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

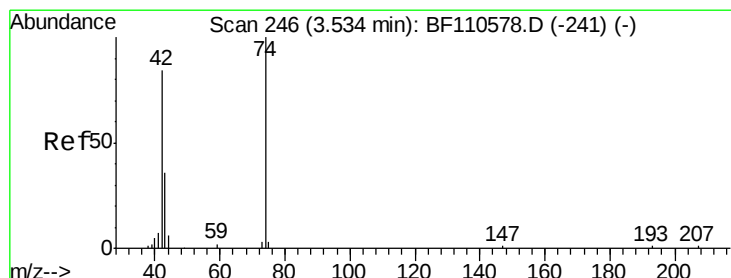
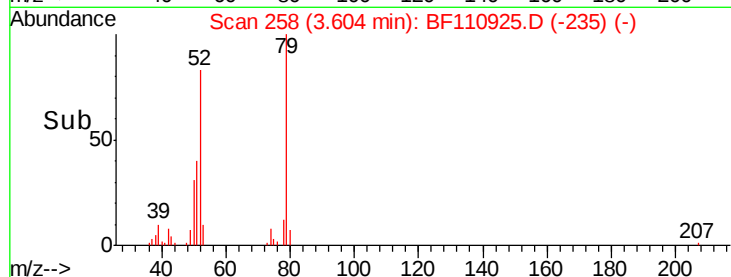
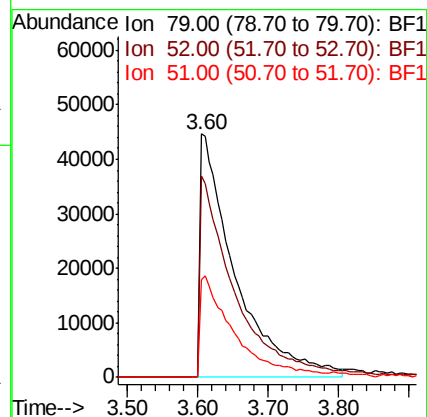
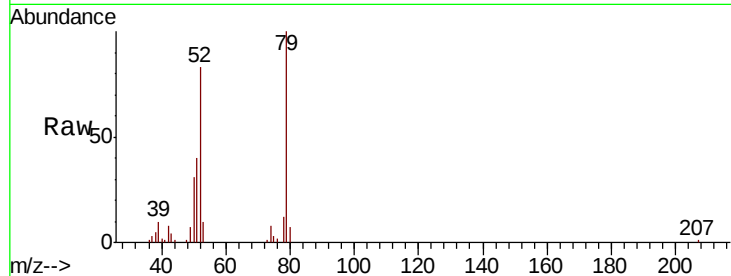
Tot Ion: 79 Resp: 155736

Ion Ratio Lower Upper

79 100

52 82.9 53.1 79.7#

51 40.1 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 50.062 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.03 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

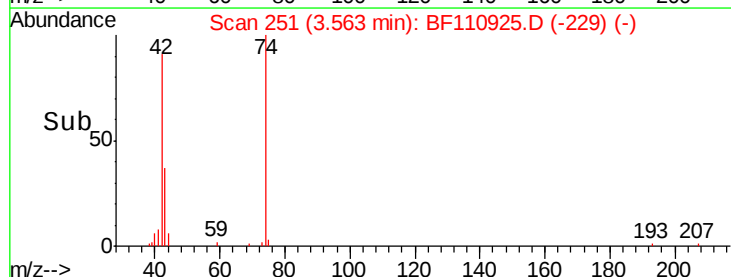
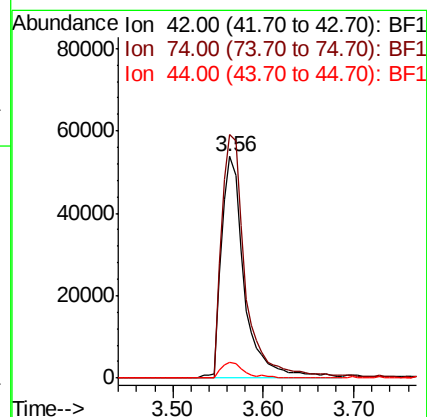
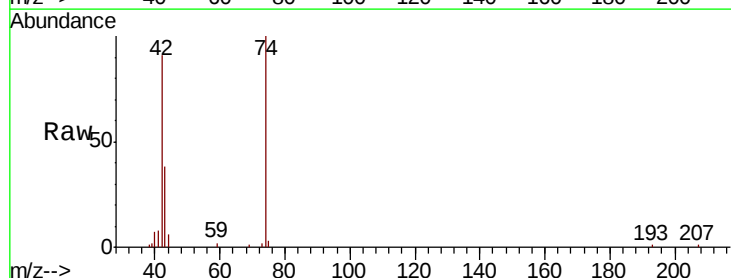
Tgt Ion: 42 Resp: 93529

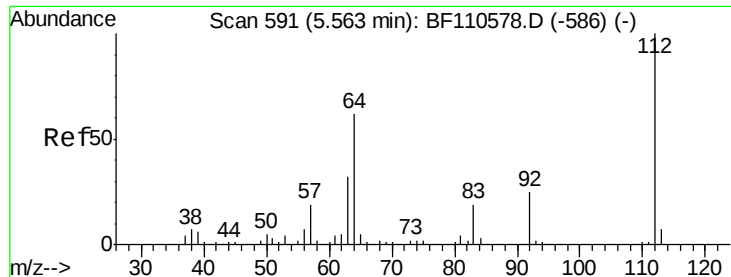
Ion Ratio Lower Upper

42 100

74 110.0 105.5 158.3

44 7.0 4.9 7.3





#5

2-Fluorophenol

Concen: 134.368 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

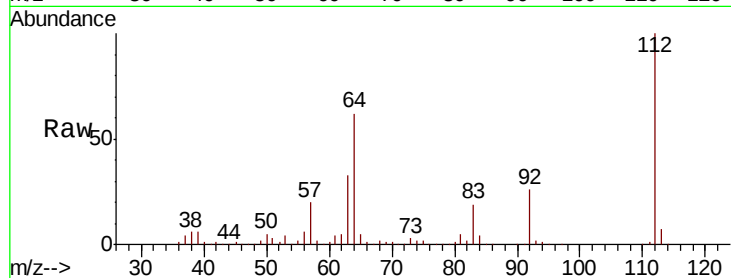
Tot Ion: 112 Resp: 544003

Ion Ratio Lower Upper

112 100

64 61.8 44.1 66.1

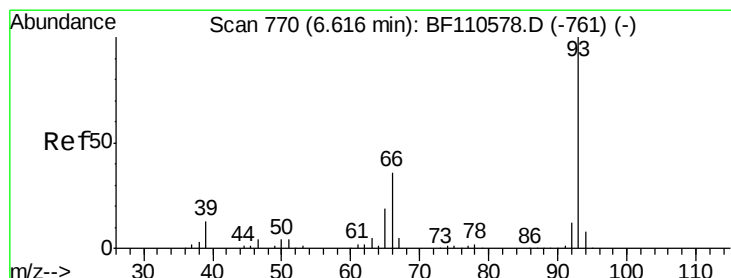
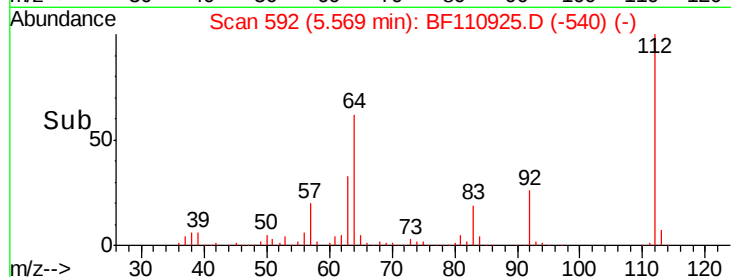
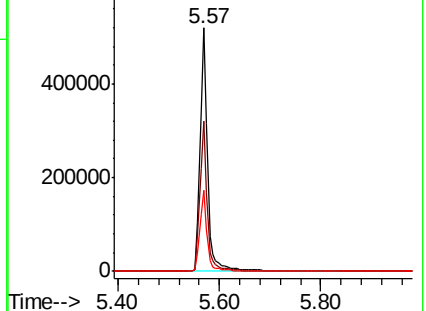
63 33.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.014 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

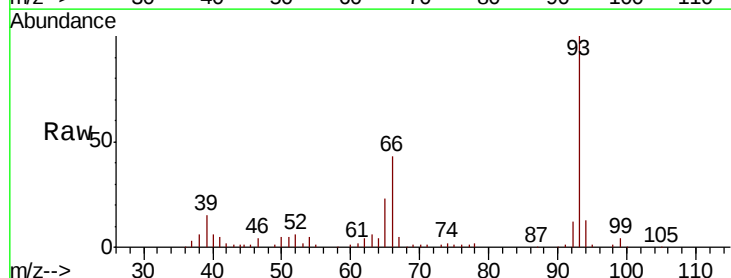
Tgt Ion: 93 Resp: 182387

Ion Ratio Lower Upper

93 100

66 42.6 67.4 101.0#

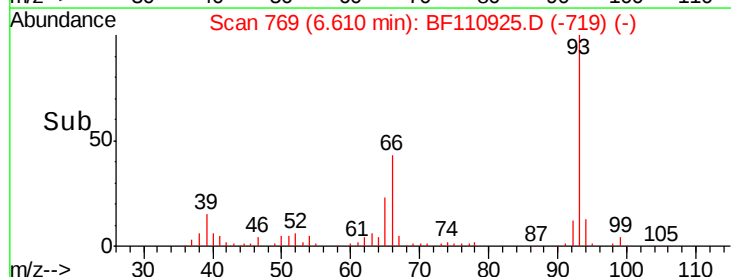
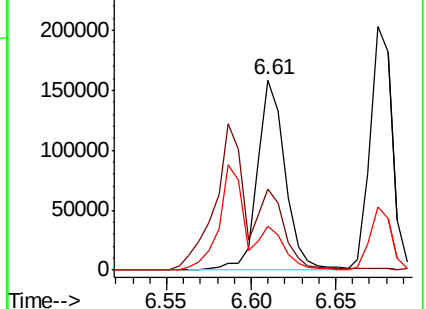
65 23.1 41.0 61.4#

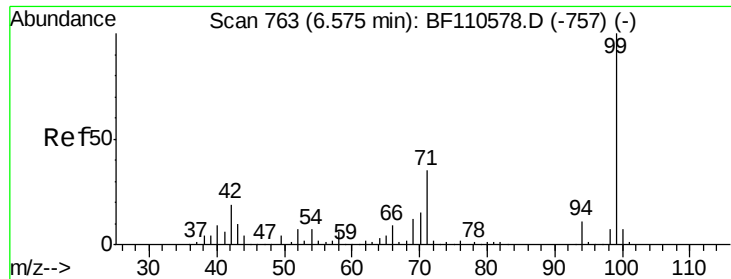


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.730 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

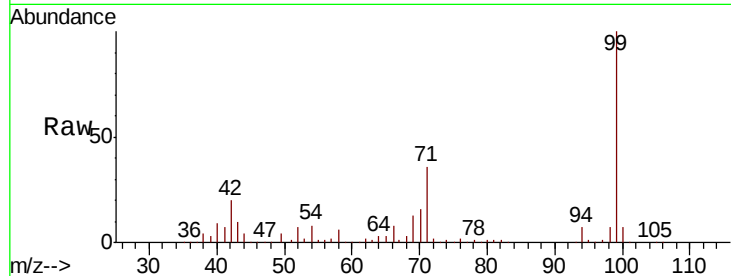
Tot Ion: 99 Resp: 687168

Ion Ratio Lower Upper

99 100

42 20.5 15.8 23.6

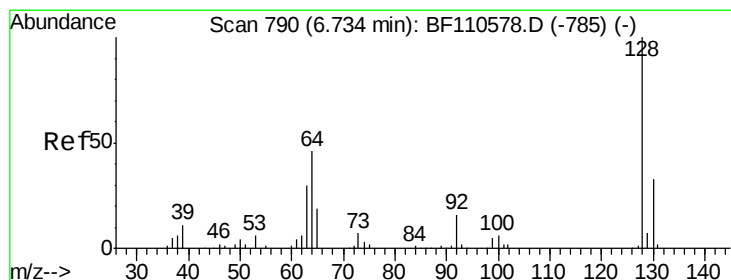
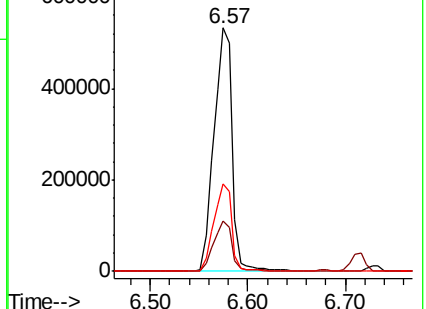
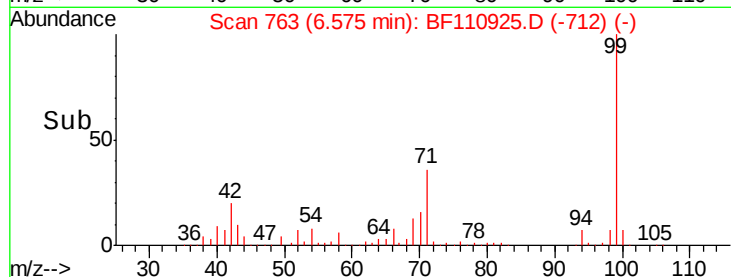
71 36.0 28.0 42.0



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: 43.203 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

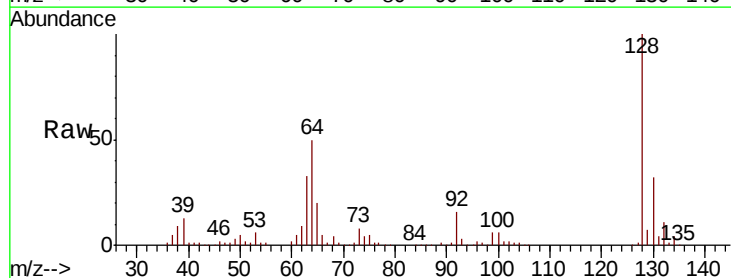
Tgt Ion: 128 Resp: 205048

Ion Ratio Lower Upper

128 100

130 32.2 13.1 53.1

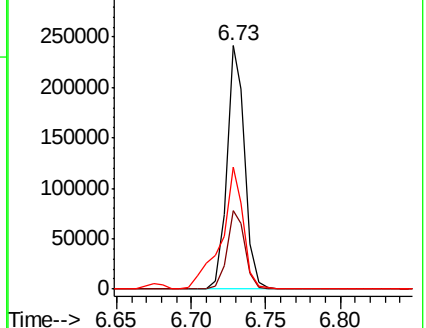
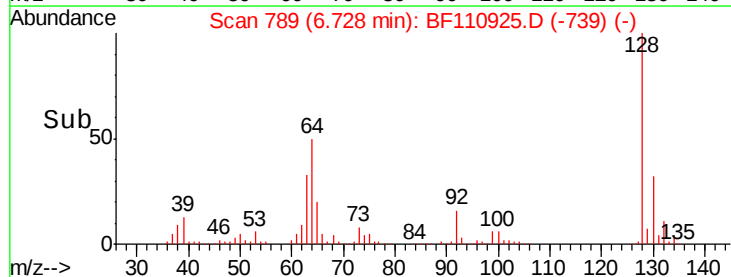
64 50.3 26.0 66.0

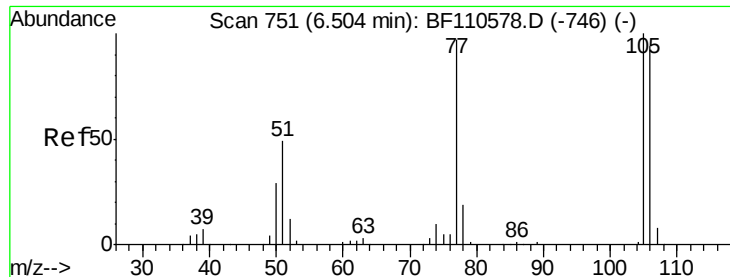


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.636 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

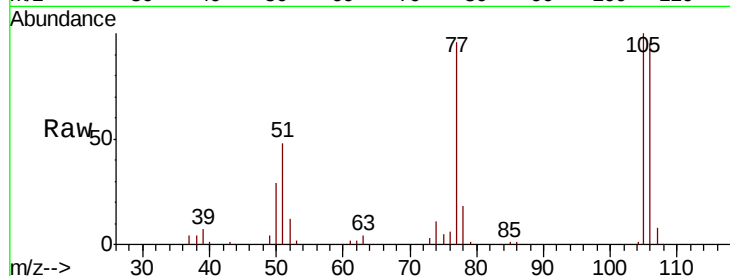
Tot Ion: 77 Resp: 88257

Ion Ratio Lower Upper

77 100

105 104.3 78.6 118.6

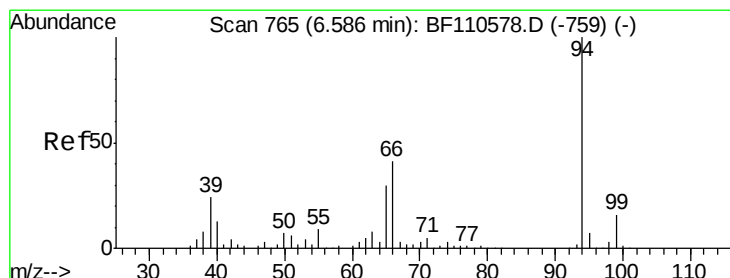
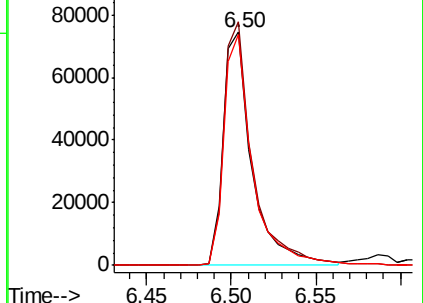
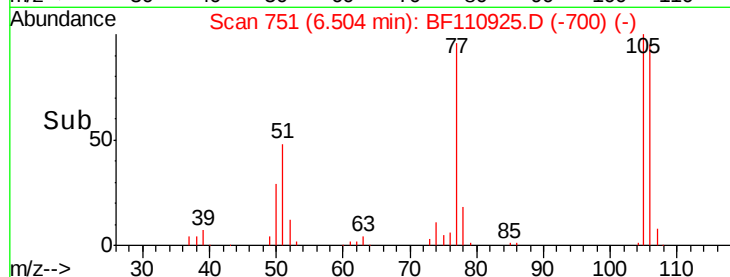
106 99.0 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.021 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

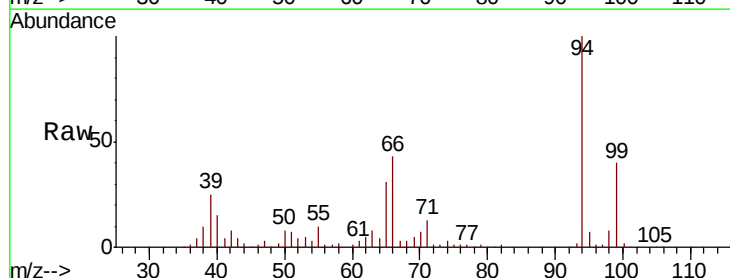
Tgt Ion: 94 Resp: 288275

Ion Ratio Lower Upper

94 100

65 31.4 25.3 65.3

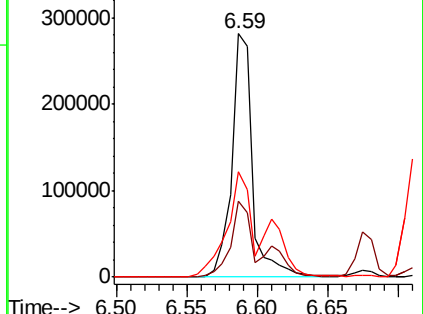
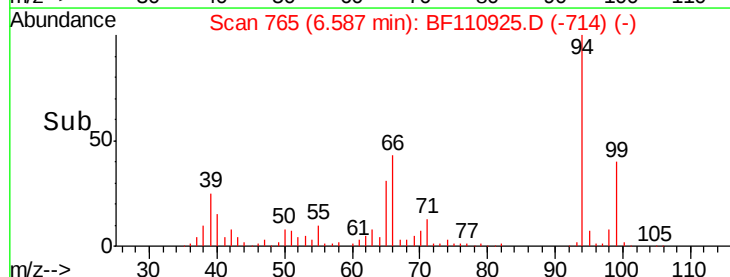
66 43.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

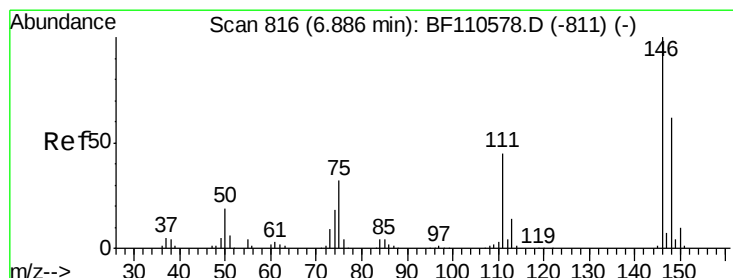
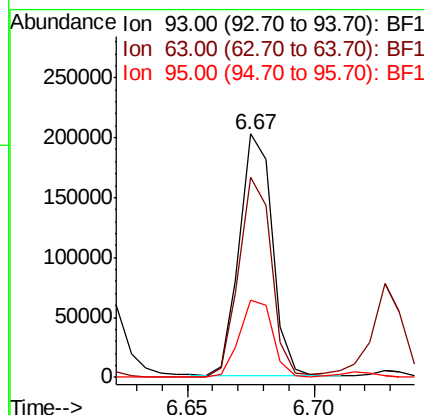
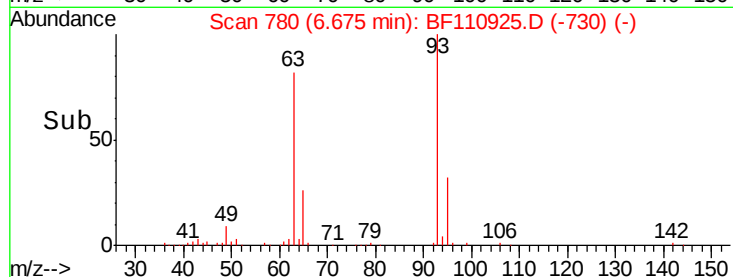
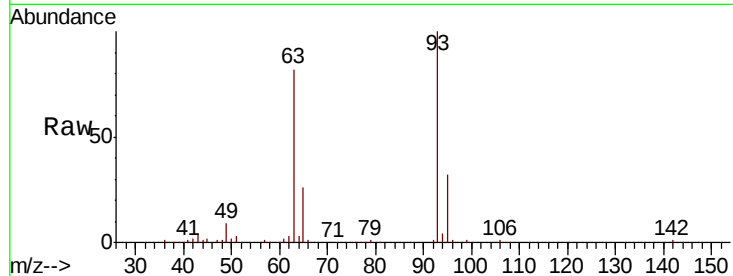




#11
bis(2-Chloroethyl)ether
Concen: 40.443 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

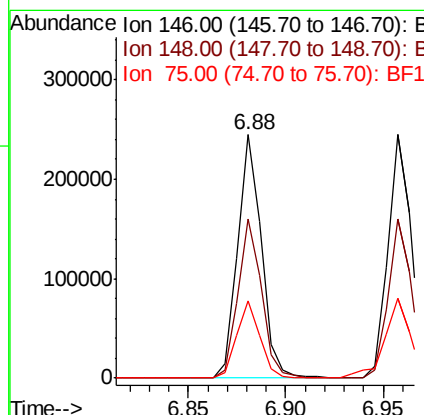
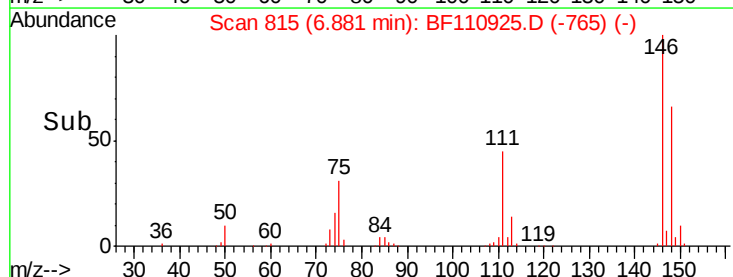
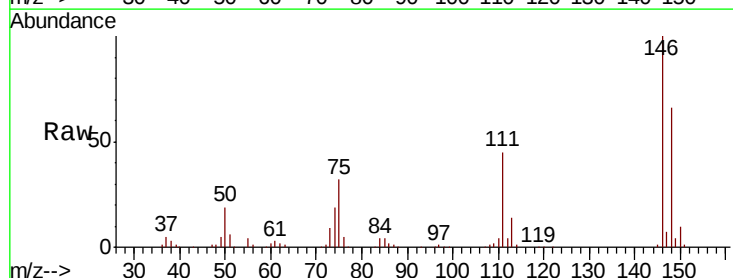
Instrument :
BNA_F
ClientSampled :

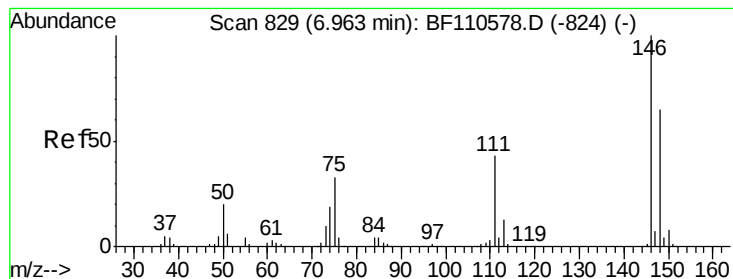
Tot Ion: 93 Resp: 181952
Ion Ratio Lower Upper
93 100
63 82.4 53.4 93.4
95 31.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.991 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion: 146 Resp: 207673
Ion Ratio Lower Upper
146 100
148 65.6 50.4 75.6
75 32.0 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 40.155 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

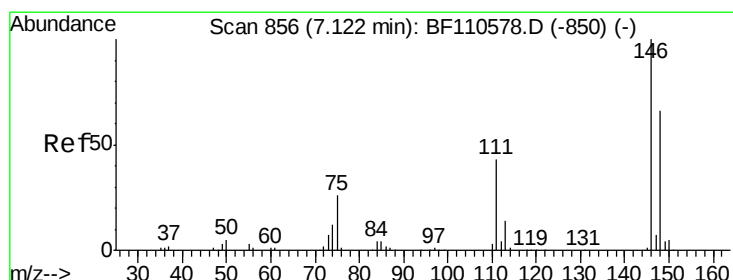
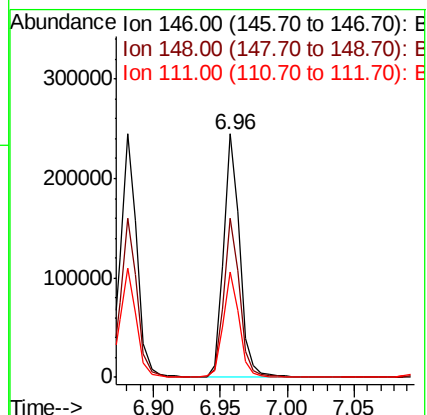
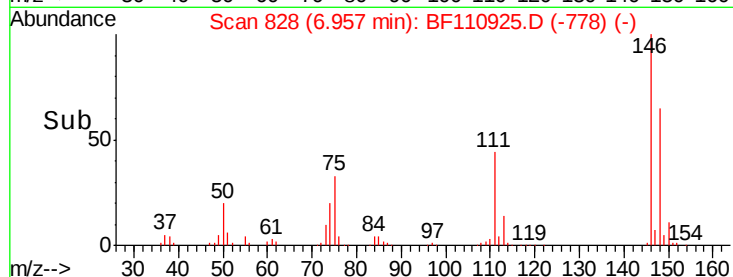
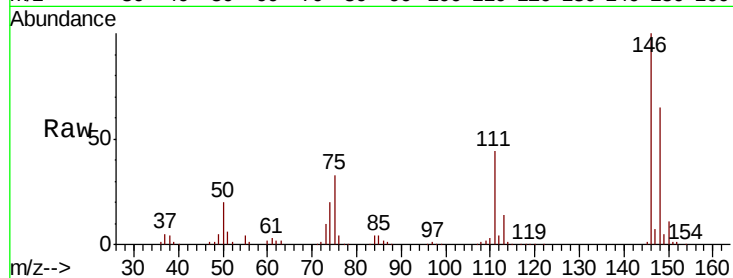
Tot Ion:146 Resp: 211748

Ion Ratio Lower Upper

146 100

148 65.4 50.3 75.5

111 43.6 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 41.128 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

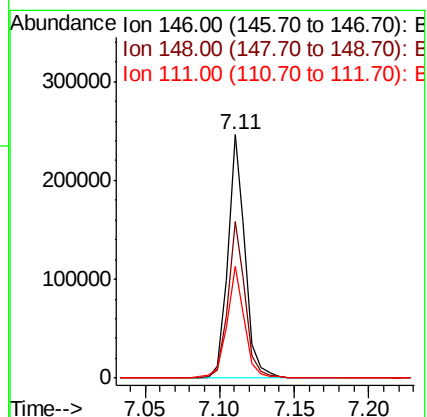
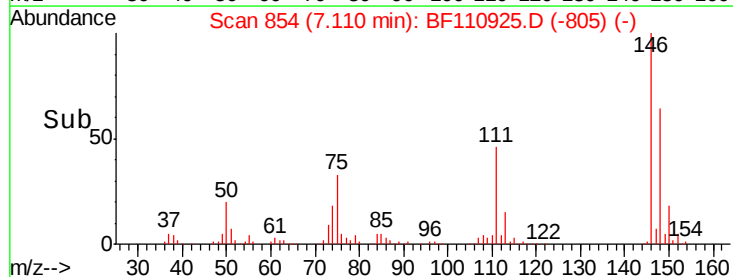
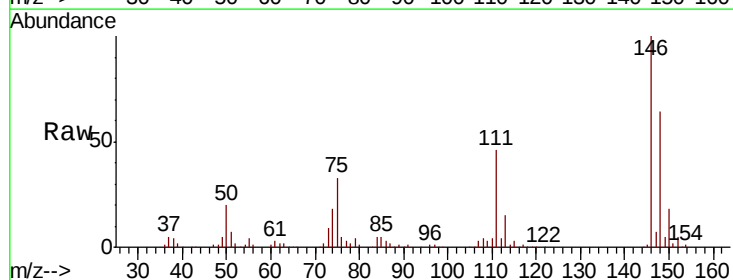
Tgt Ion:146 Resp: 201757

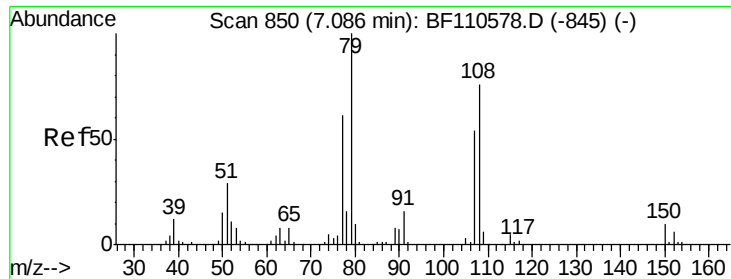
Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

111 45.7 35.8 53.6

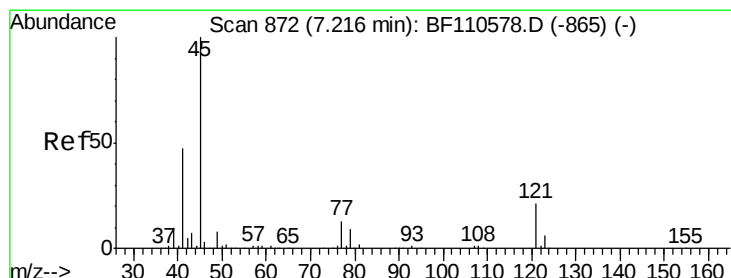
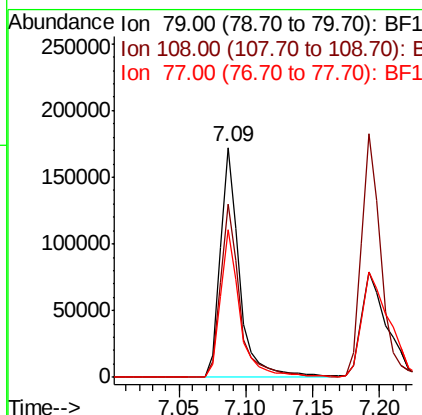
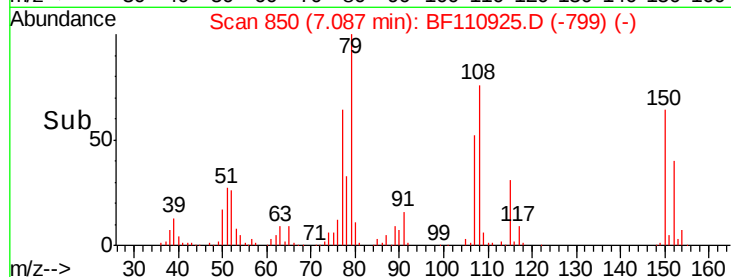
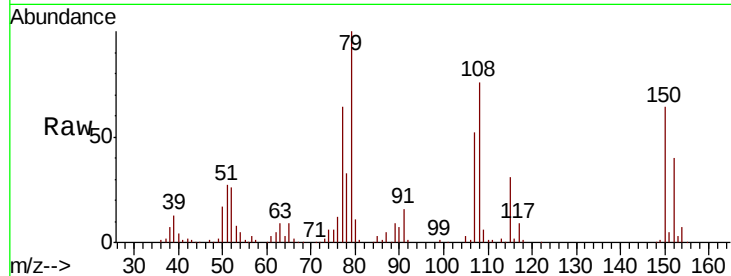




#15
Benzyl Alcohol
Concen: 43.390 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

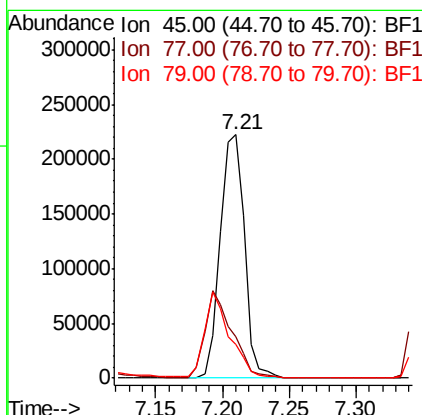
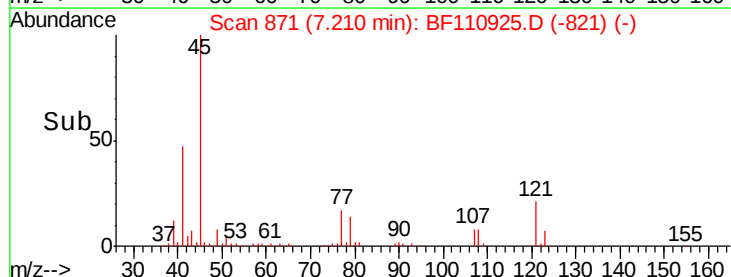
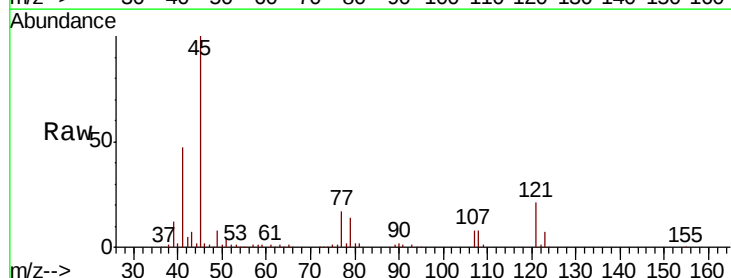
Instrument :
BNA_F
ClientSampled :

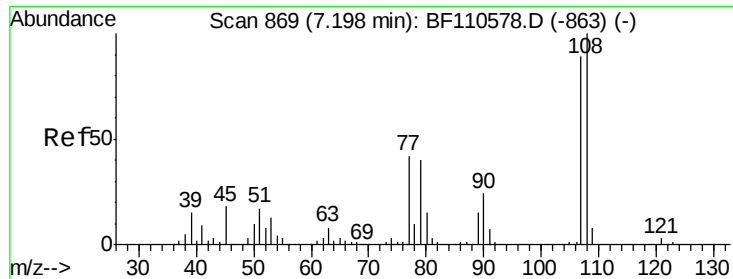
Tot Ion: 79 Resp: 175792
Ion Ratio Lower Upper
79 100
108 75.7 56.3 84.5
77 64.1 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.751 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion: 45 Resp: 287910
Ion Ratio Lower Upper
45 100
77 17.0 10.0 50.0
79 13.7 6.1 46.1





#17

2-Methylphenol

Concen: 44.004 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF110925.D

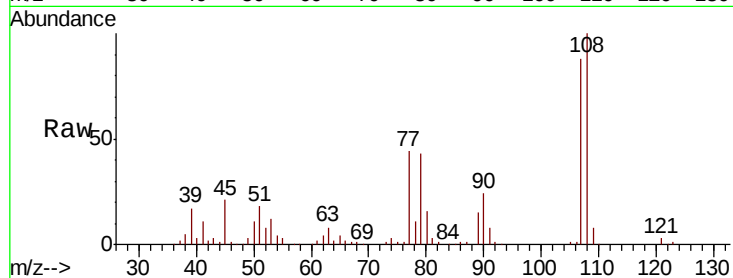
Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	166214
Ion	Ratio	Lower	Upper
107	100		
108	113.0	92.6	138.8
77	49.2	59.4	89.2#
79	48.6	54.0	81.0#



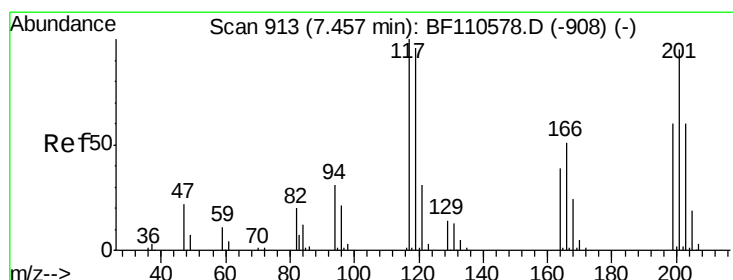
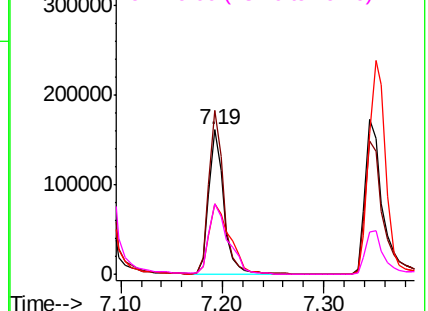
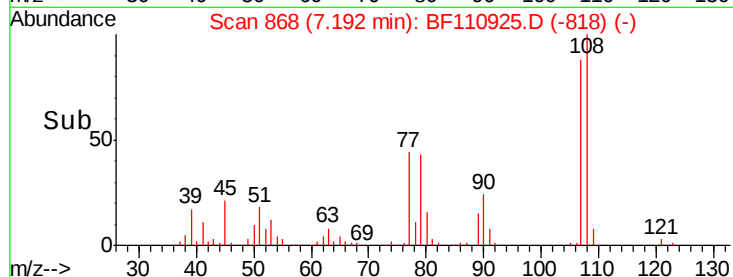
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.932 ng

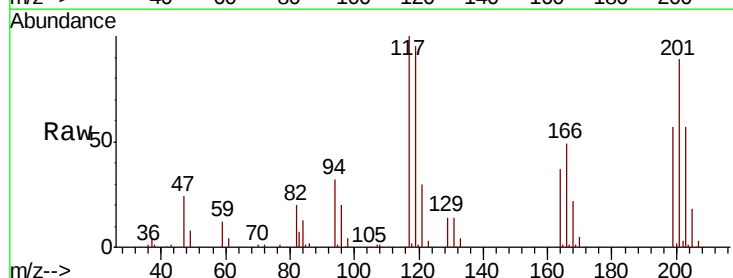
RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion:	117	Resp:	79685
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.6
201	88.6	79.2	118.8

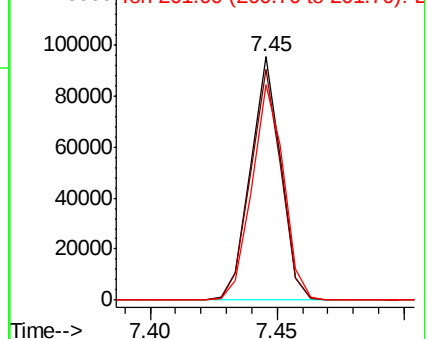
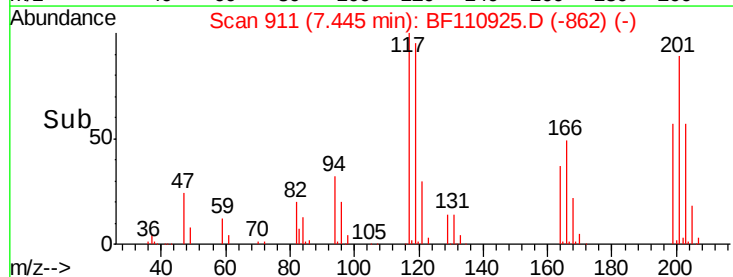


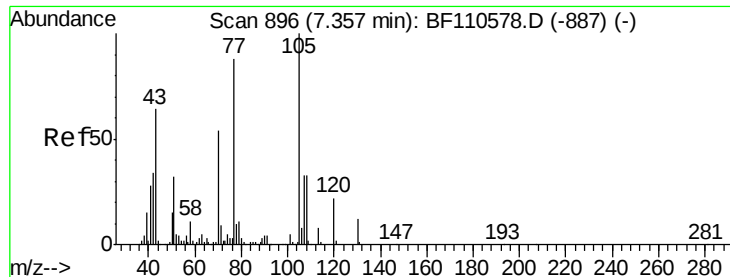
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.537 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 140573

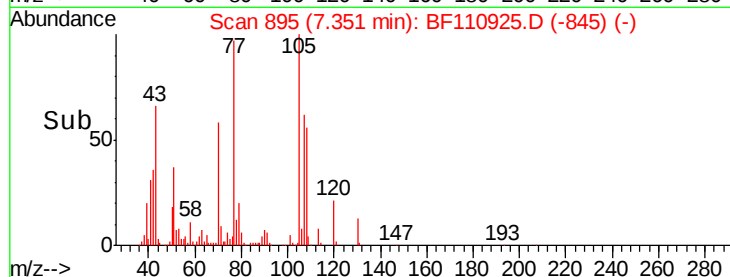
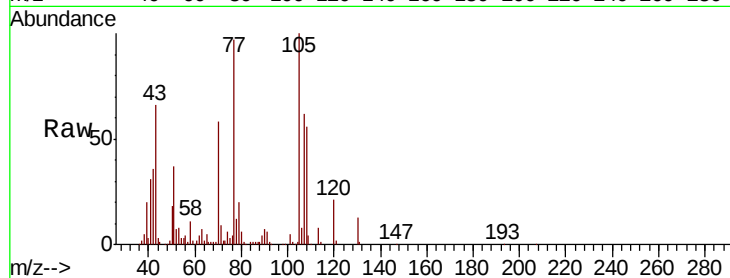
Ion Ratio Lower Upper

70 100

42 62.9 47.4 71.2

101 9.5 7.3 10.9

130 21.9 16.2 24.2

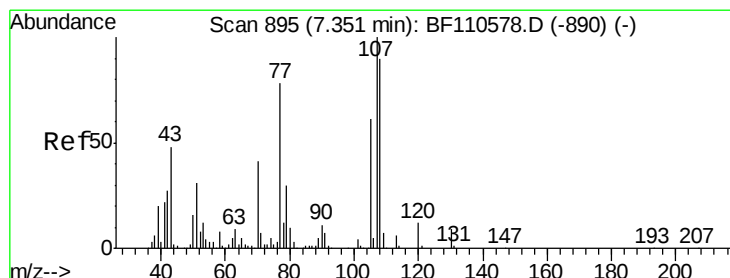
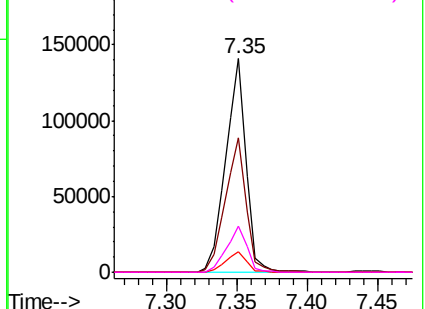


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 44.359 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion:107 Resp: 215090

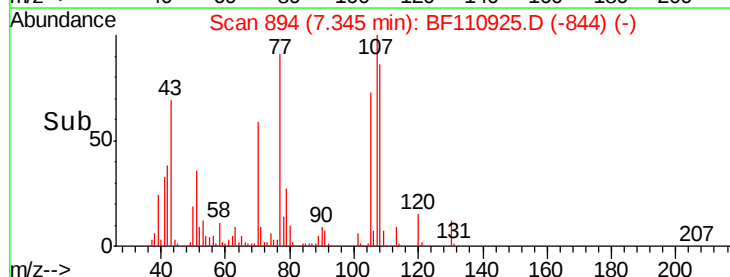
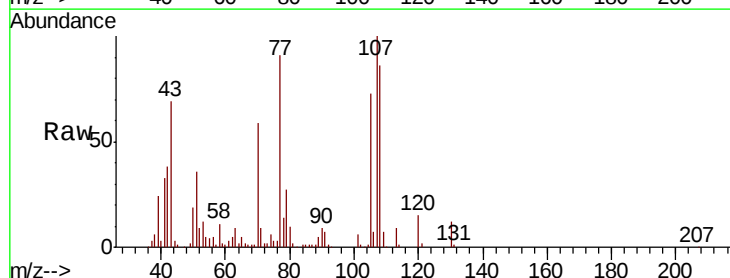
Ion Ratio Lower Upper

107 100

108 86.4 71.4 111.4

77 91.1 47.3 87.3#

79 27.3 10.9 50.9

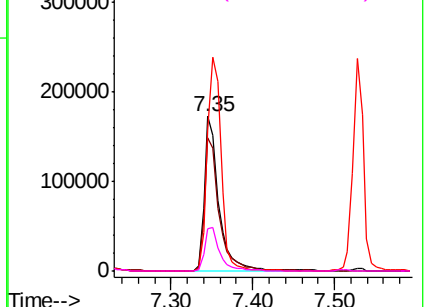


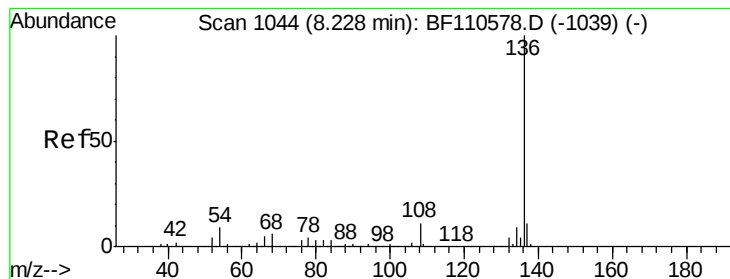
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110925.D

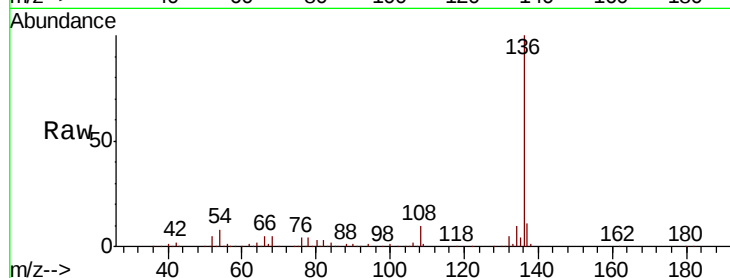
Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	269841
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	8.3	5.4 8.2#
68	4.9	4.2 6.2

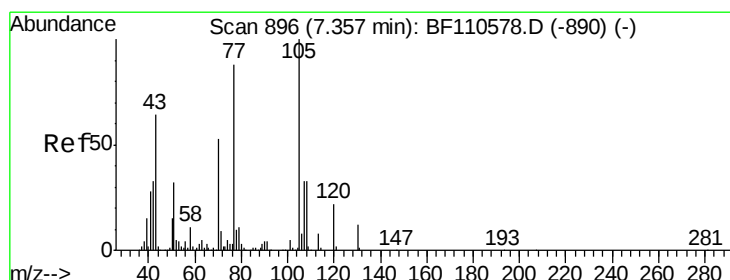
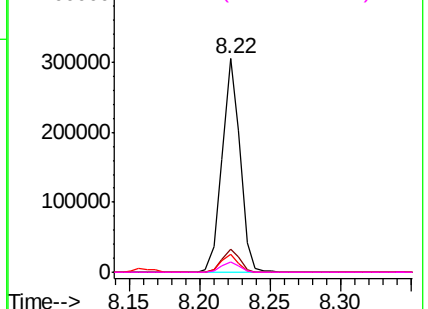
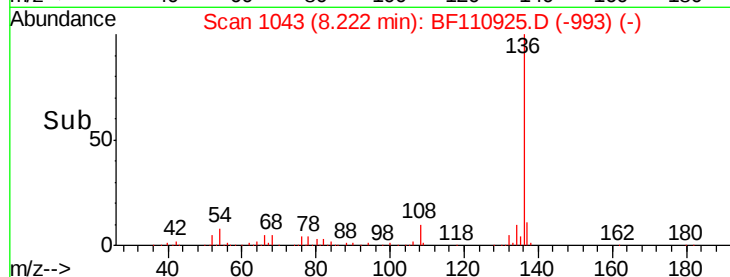


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.838 ng

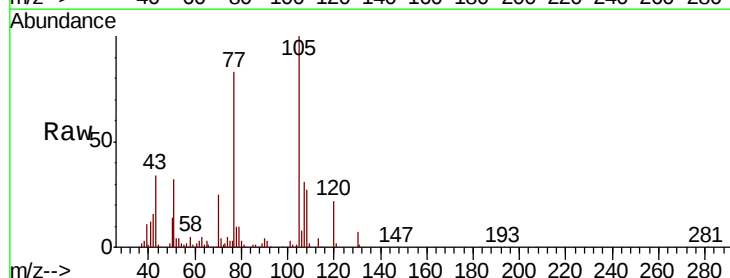
RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion:105	Resp:	281979
Ion Ratio	Lower	Upper
105	100	
71	3.8	5.2 7.8#
51	31.8	21.8 32.8
120	21.8	17.0 25.4

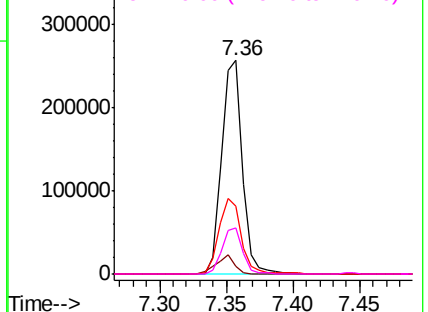
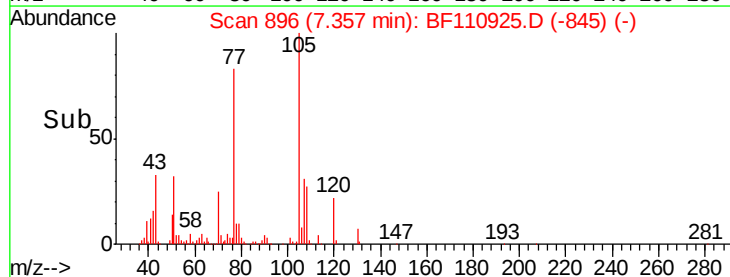


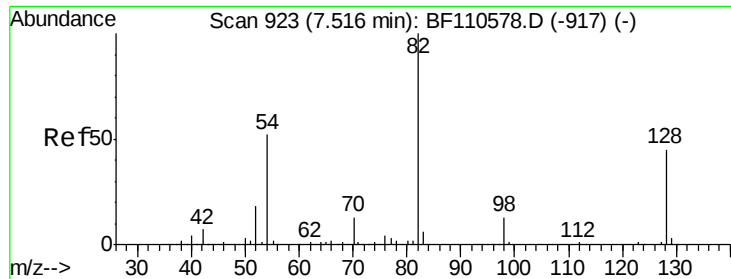
Abundance Ion 105.00 (104.70 to 105.70): E

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

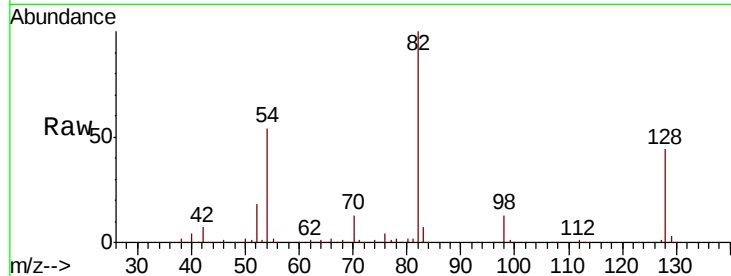




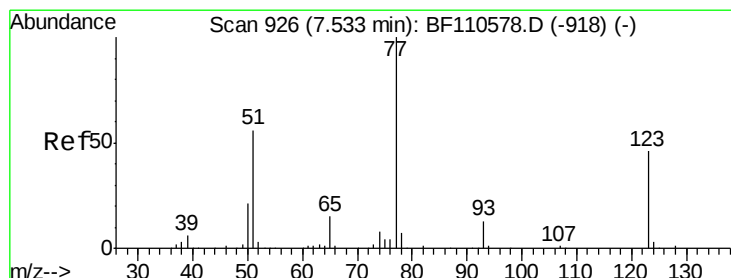
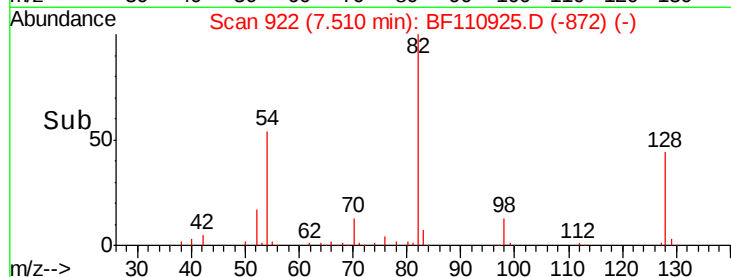
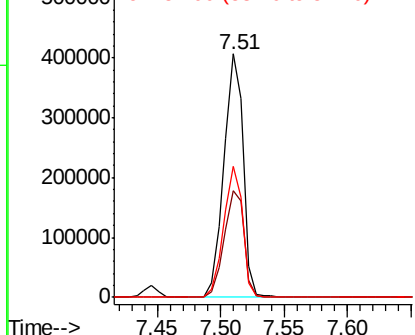
#23
Nitrobenzene-d5
Concen: 91.842 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	430336
Ion Ratio	100	Lower	Upper
128	43.8	34.2	51.2
54	53.8	38.6	58.0

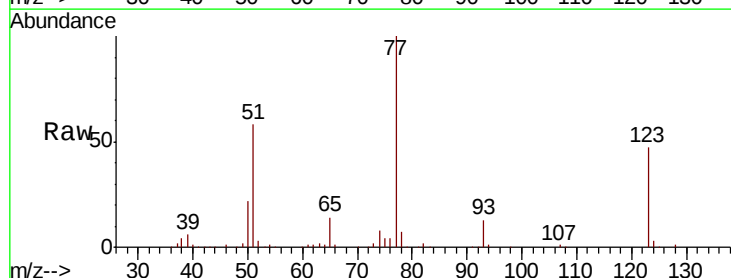


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

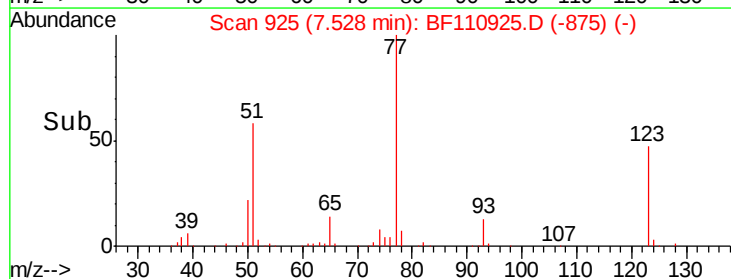
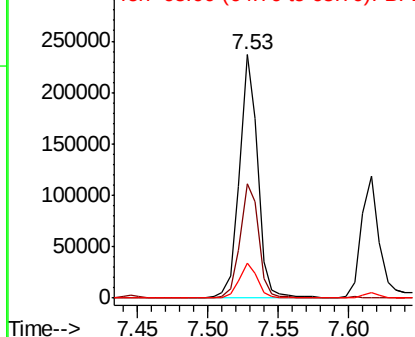


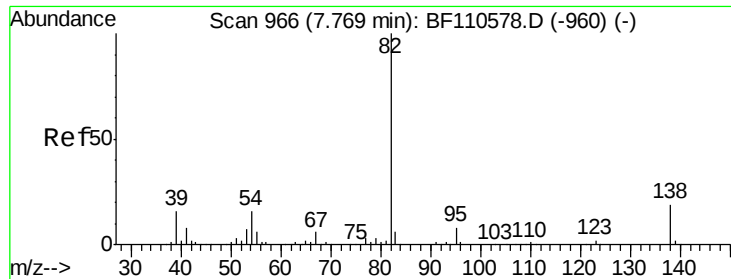
#24
Nitrobenzene
Concen: 44.444 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	77	Resp	213363
Ion Ratio	100	Lower	Upper
123	46.7	35.7	53.5
65	14.2	10.7	16.1



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





#25

Isophorone

Concen: 50.404 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

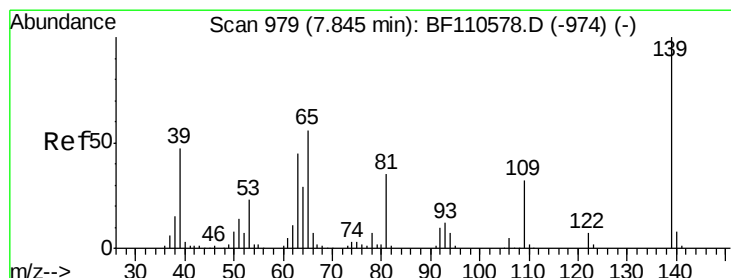
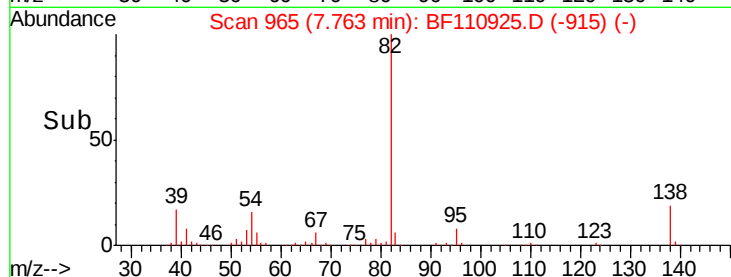
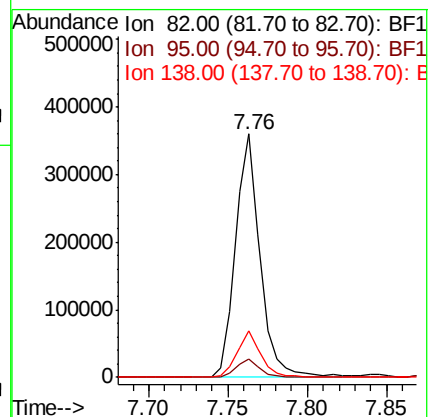
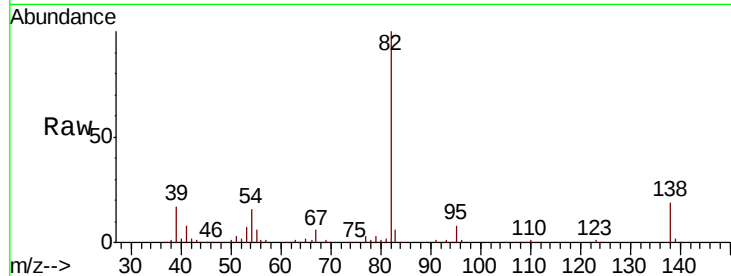
Tot Ion: 82 Resp: 387090

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

138 18.9 13.2 19.8



#26

2-Nitrophenol

Concen: 46.062 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

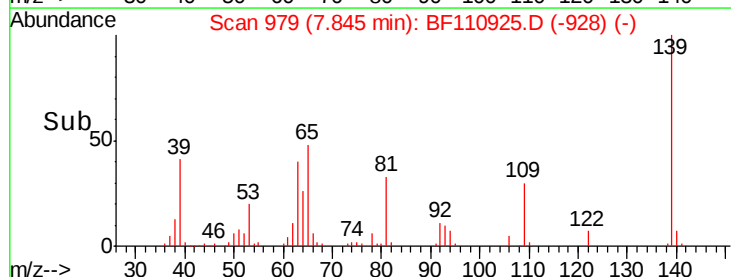
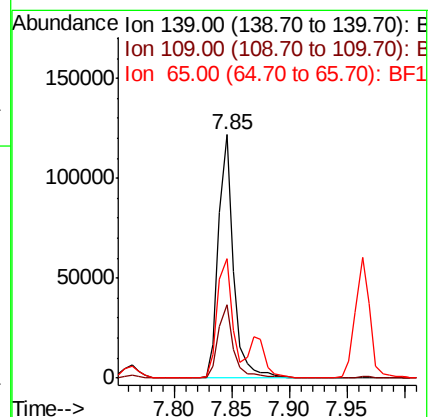
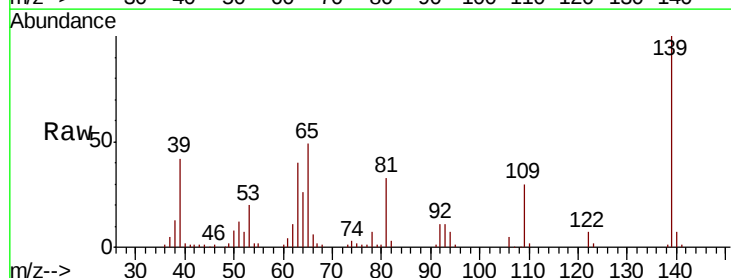
Tgt Ion: 139 Resp: 110317

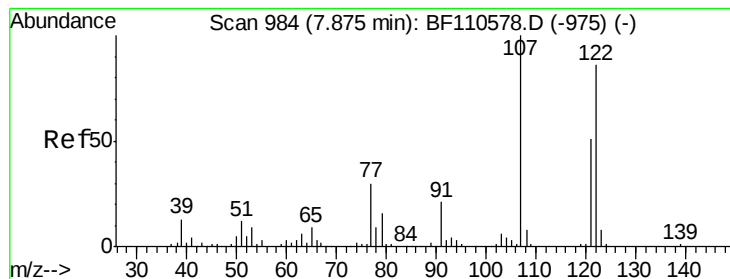
Ion Ratio Lower Upper

139 100

109 30.1 25.0 37.6

65 49.0 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 51.692 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampled :

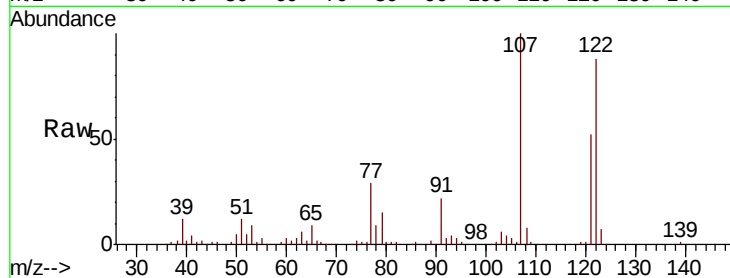
Tot Ion:122 Resp: 188542

Ion Ratio Lower Upper

122 100

107 114.1 92.5 138.7

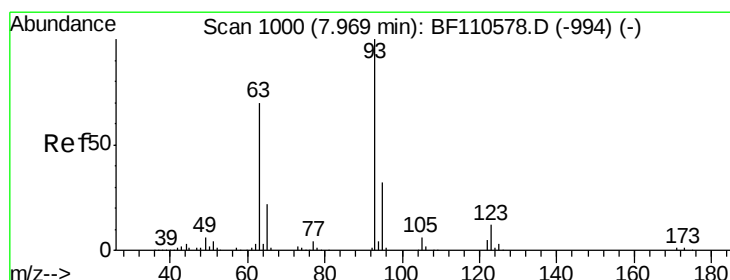
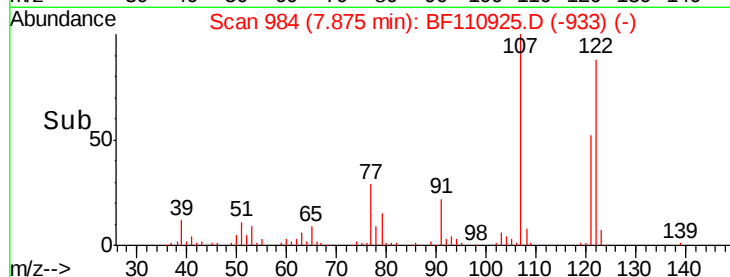
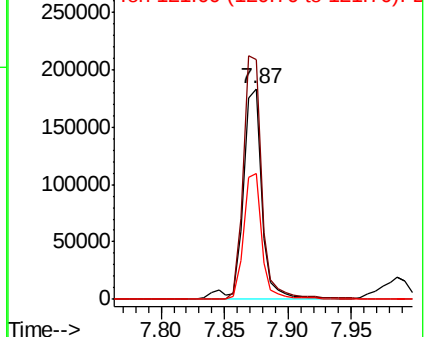
121 59.6 45.8 68.8



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: 45.744 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

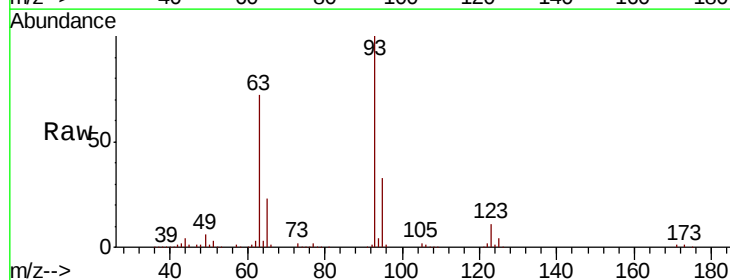
Tgt Ion: 93 Resp: 237859

Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

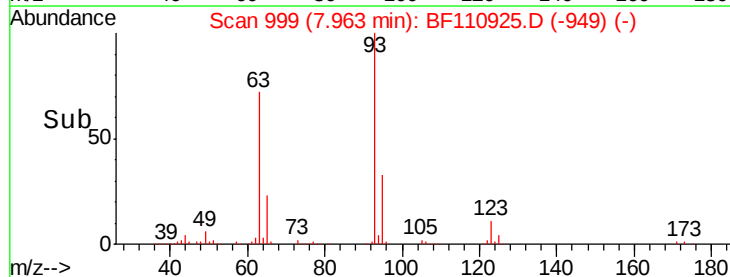
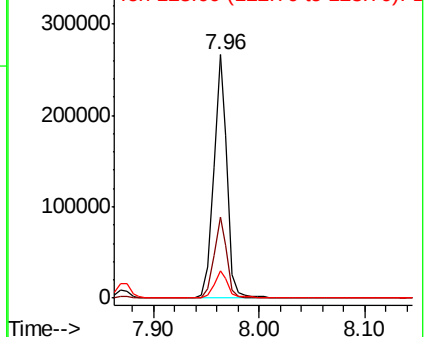
123 11.3 9.0 13.6

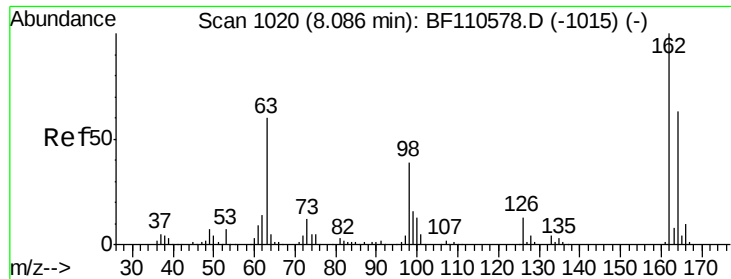


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

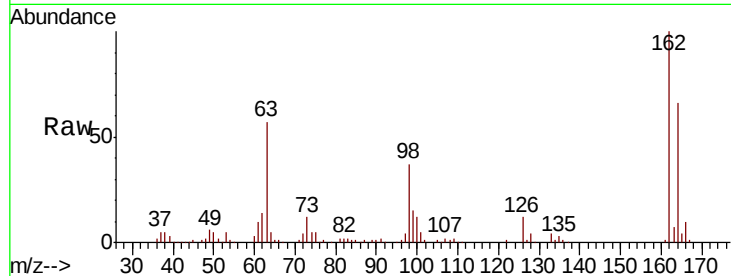




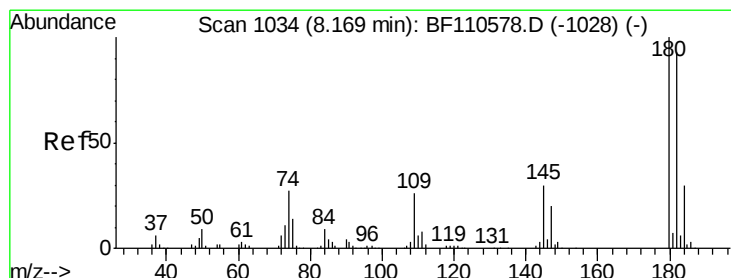
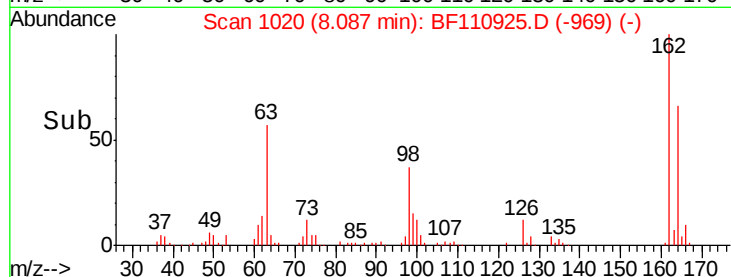
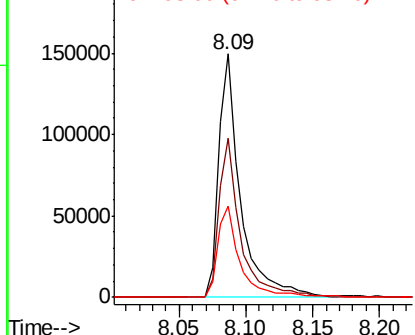
#29
 2,4-Dichlorophenol
 Concen: 45.956 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.6	84.6
98	37.3	17.4	57.4

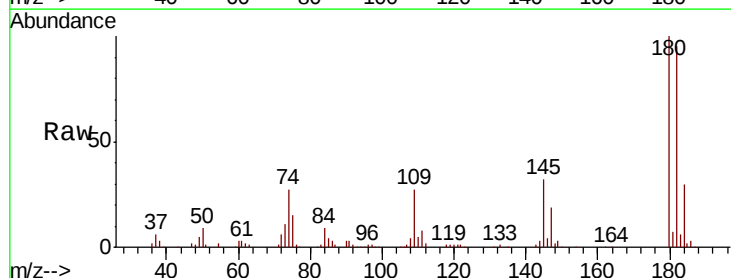


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

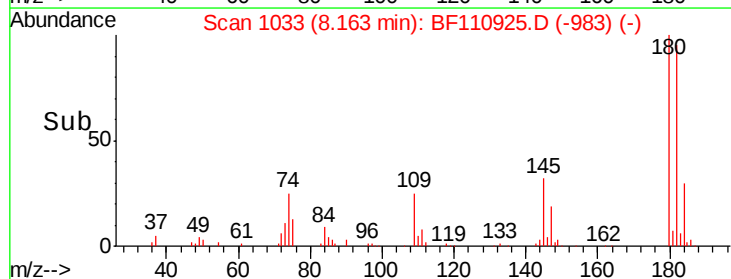
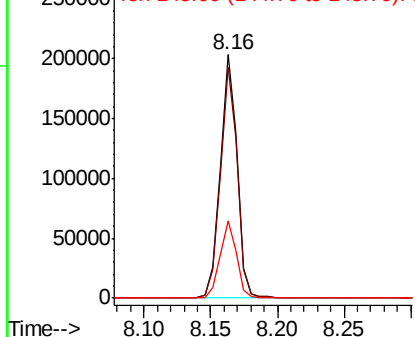


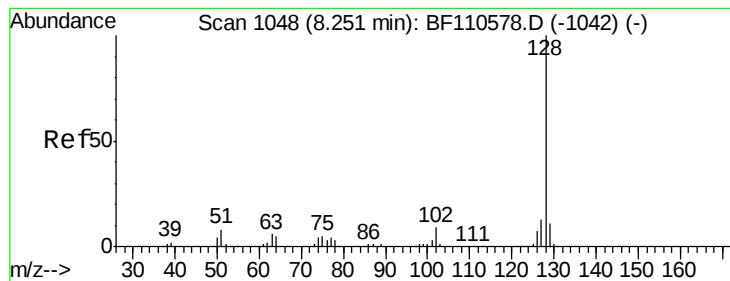
#30
 1,2,4-Trichlorobenzene
 Concen: 42.842 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	80.3	120.5
145	31.8	25.4	38.0



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





#31

Naphthalene

Concen: 46.574 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

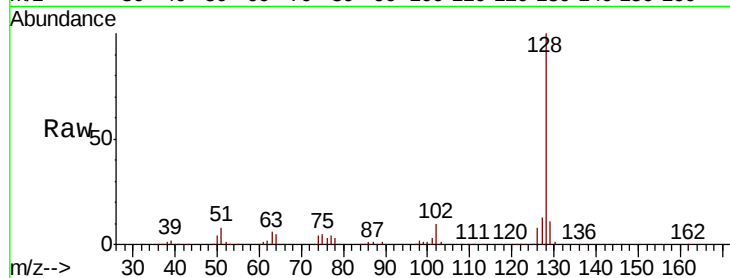
Tot Ion:128 Resp: 589979

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

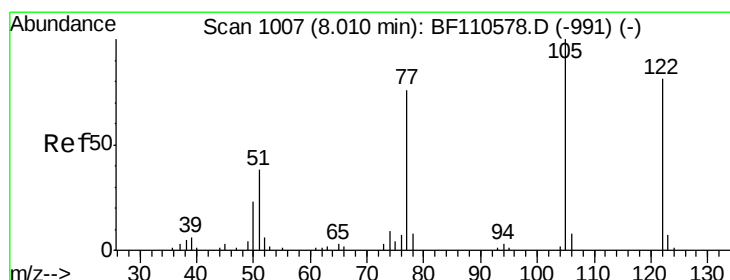
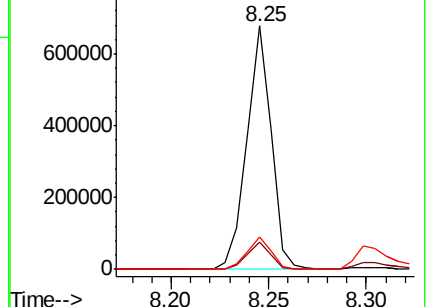
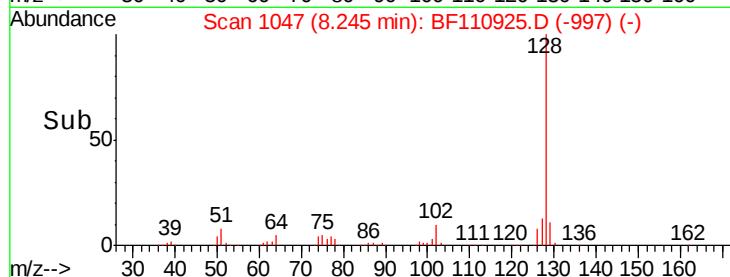
127 13.5 10.8 16.2



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: 13.670 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

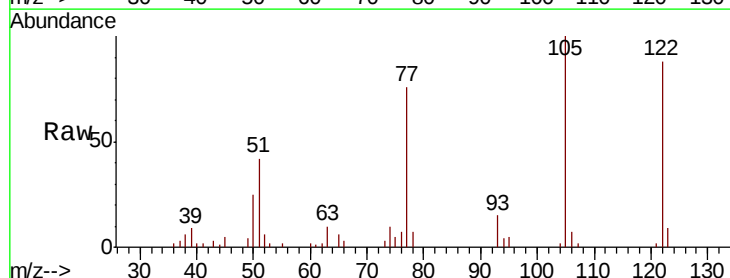
Tgt Ion:122 Resp: 35277

Ion Ratio Lower Upper

122 100

105 113.8 109.0 149.0

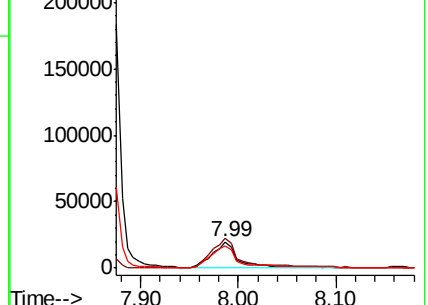
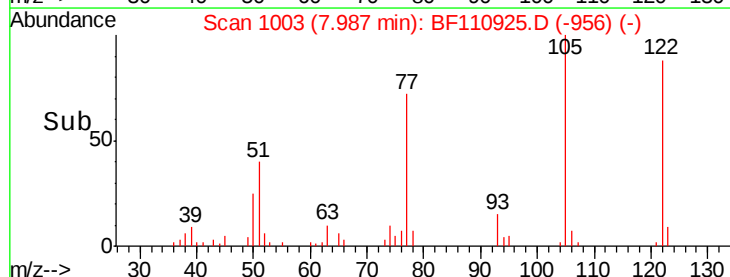
77 86.2 79.0 119.0

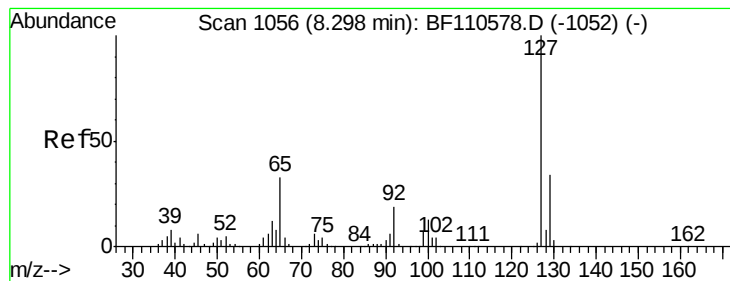


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 16.109 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 92431

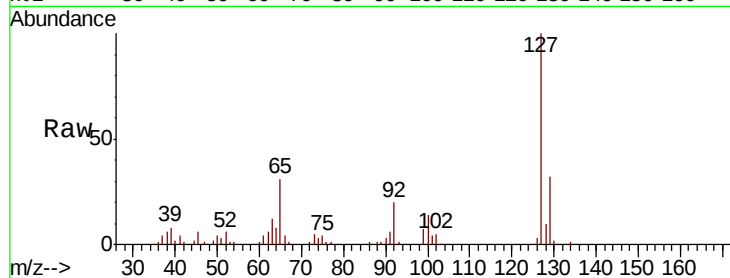
Ion Ratio Lower Upper

127 100

129 31.8 26.0 39.0

65 31.1 25.1 37.7

92 20.3 15.0 22.6

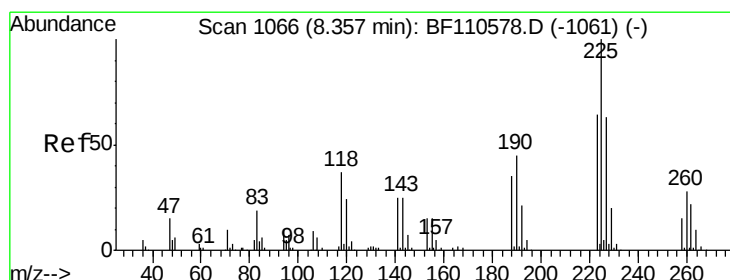
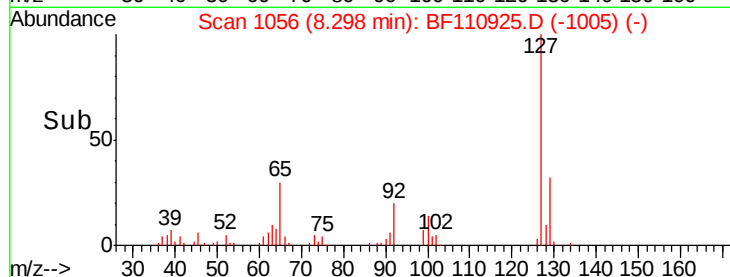
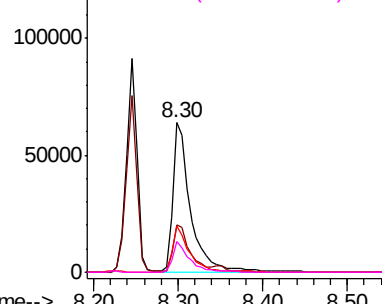


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.167 ng

RT: 8.35 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

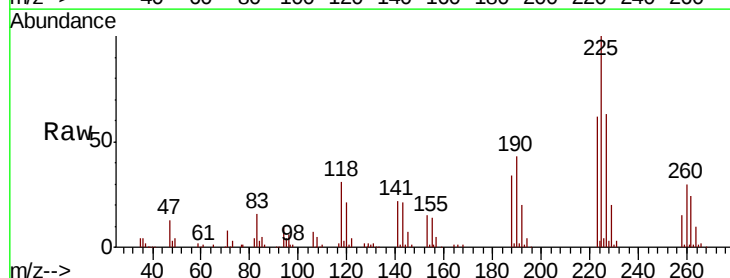
Tgt Ion:225 Resp: 99497

Ion Ratio Lower Upper

225 100

223 62.5 51.4 77.2

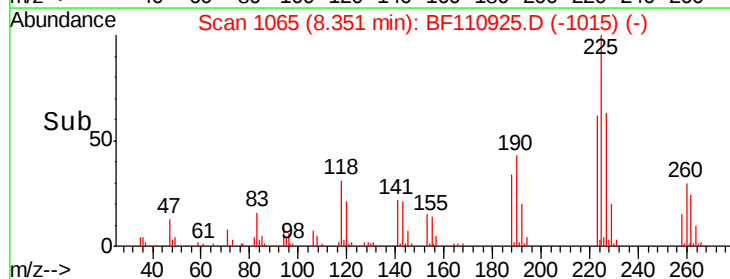
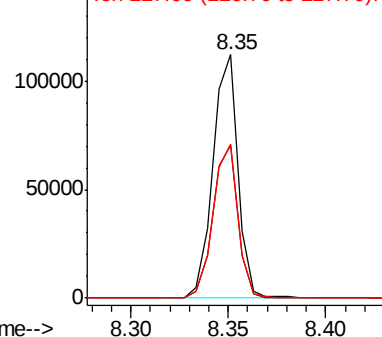
227 63.3 51.0 76.6

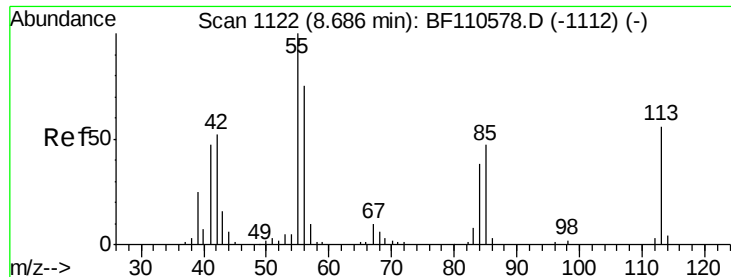


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

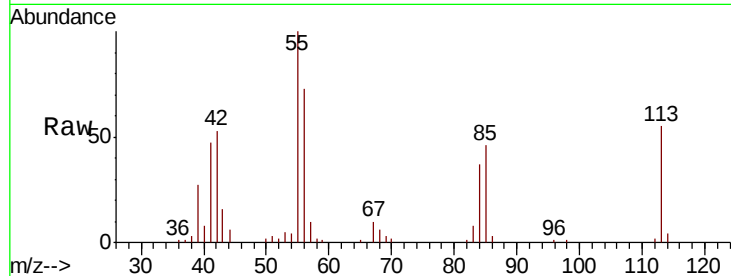




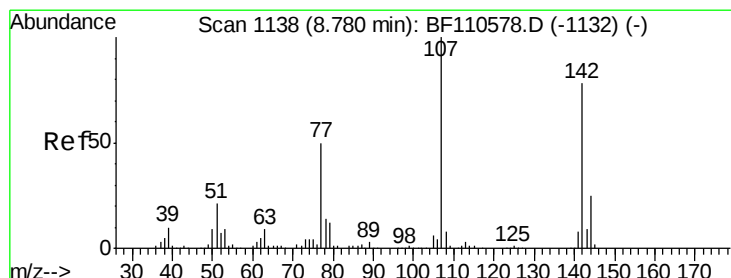
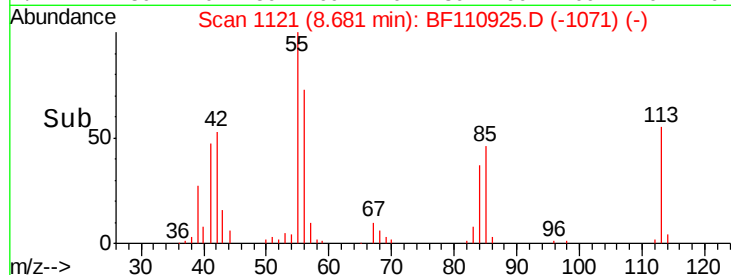
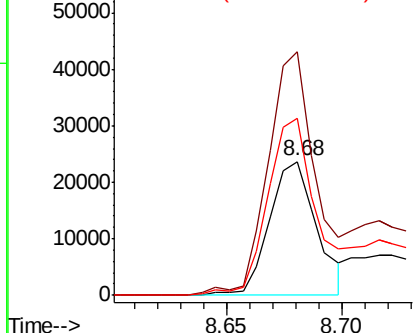
#35
Caprolactam
Concen: 26.665 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 33435
Ion Ratio Lower Upper
113 100
55 181.7 142.8 182.8
56 132.4 105.0 145.0

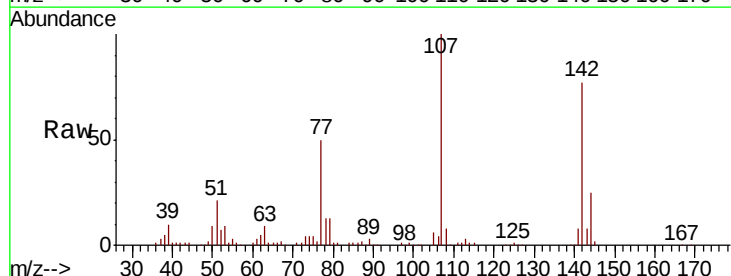


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

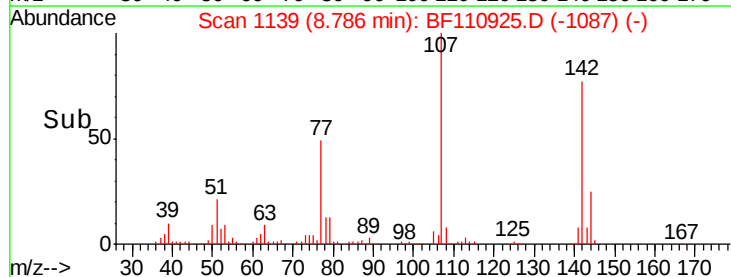
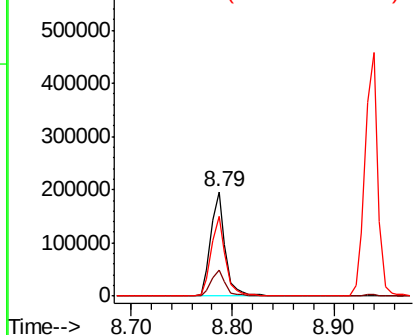


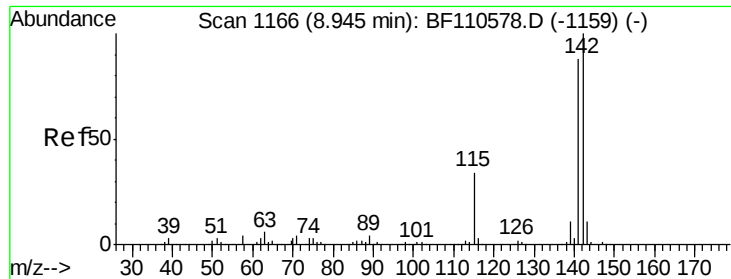
#36
4-Chloro-3-methylphenol
Concen: 48.019 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion:107 Resp: 194361
Ion Ratio Lower Upper
107 100
144 24.7 20.0 30.0
142 77.1 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

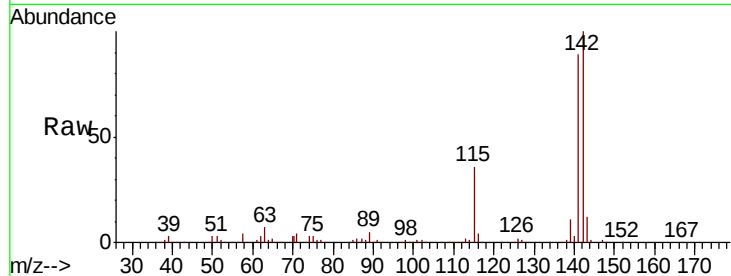




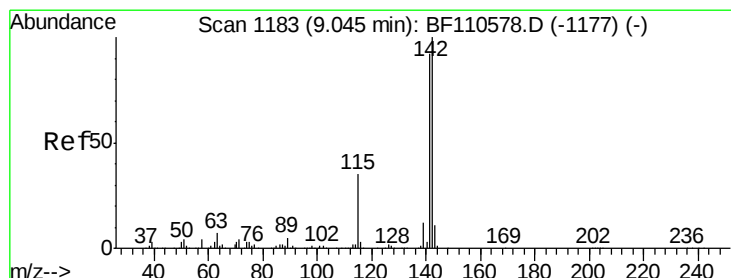
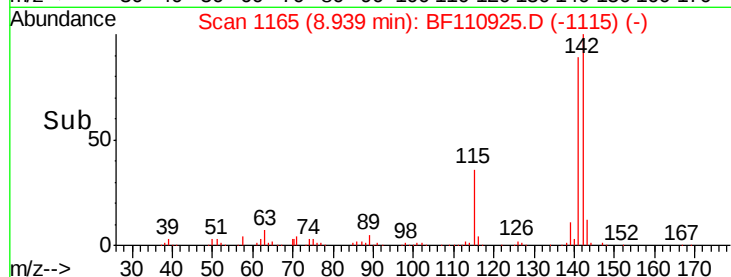
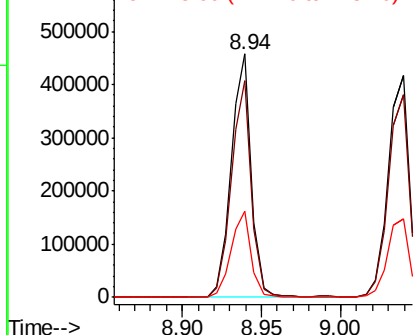
#37
2-Methylnaphthalene
Concen: 48.431 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 402178
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2
115 35.6 28.7 43.1

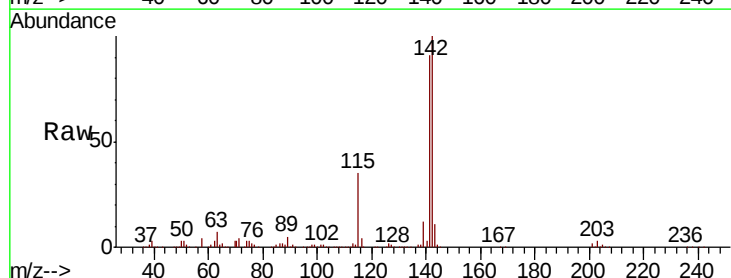


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

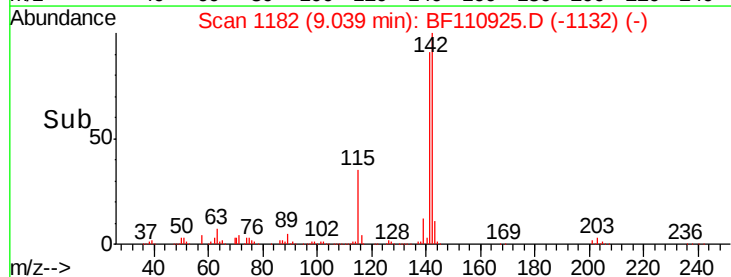
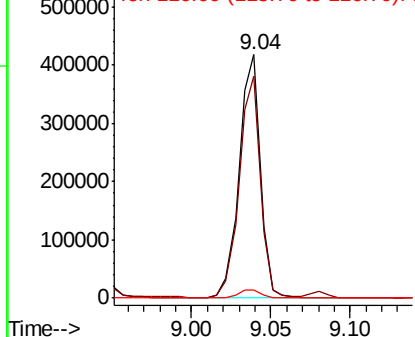


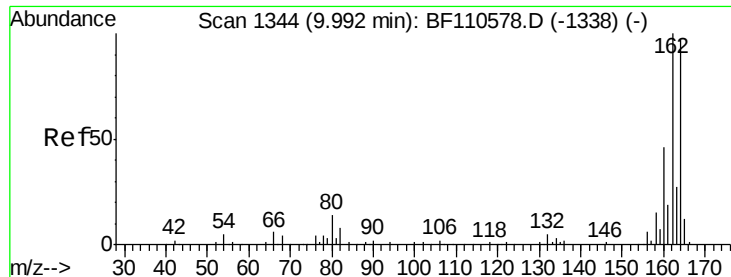
#38
1-Methylnaphthalene
Concen: 48.123 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion:142 Resp: 384321
Ion Ratio Lower Upper
142 100
141 91.0 74.2 111.4
116 3.5 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

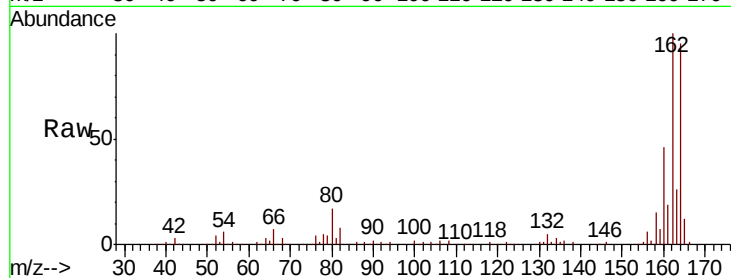
Tot Ion:164 Resp: 132420

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.6

160 48.1 37.0 55.6

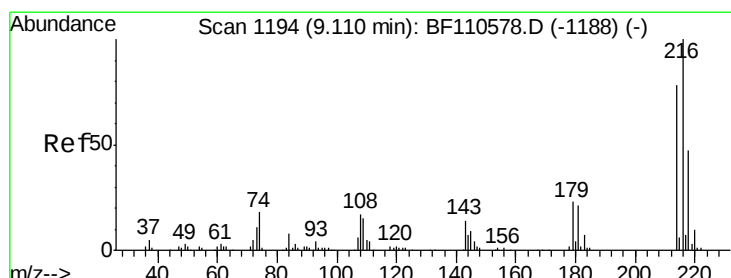
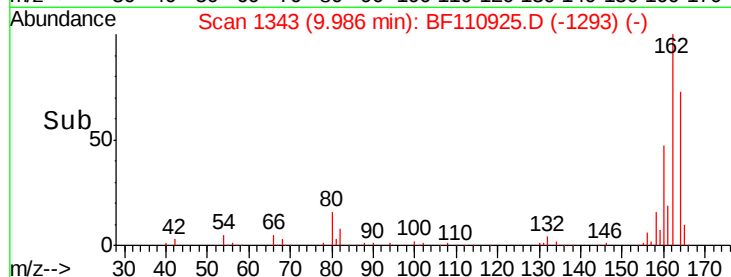
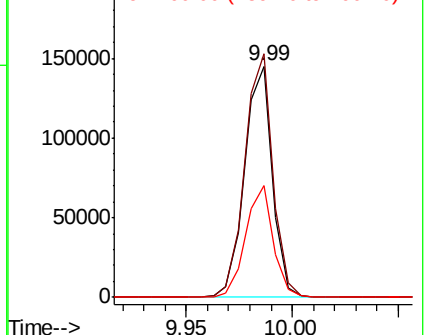


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.083 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion:216 Resp: 172203

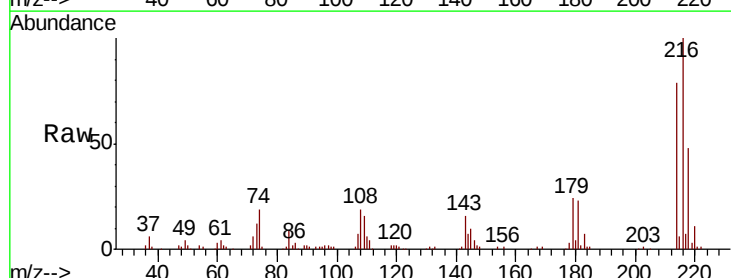
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.6

179 23.2 16.6 25.0

108 19.5 15.1 22.7



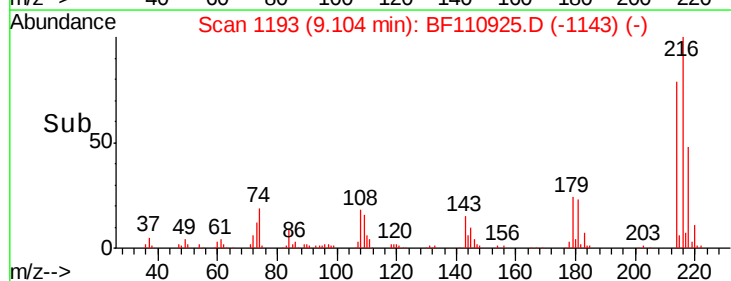
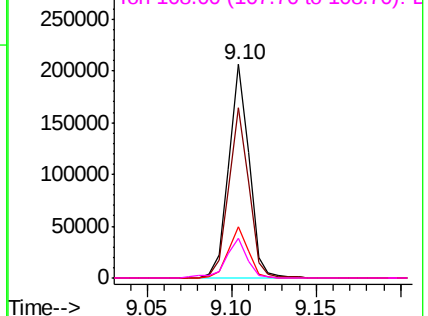
Abundance

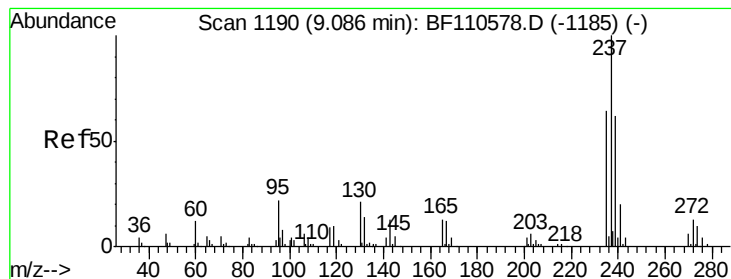
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.939 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampled :

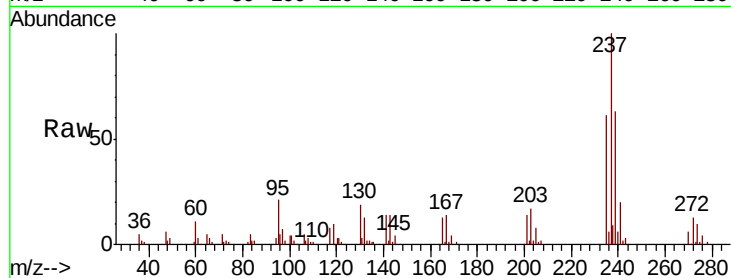
Tot Ion:237 Resp: 54752

Ion Ratio Lower Upper

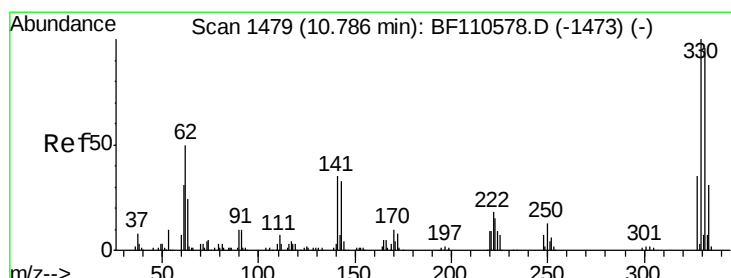
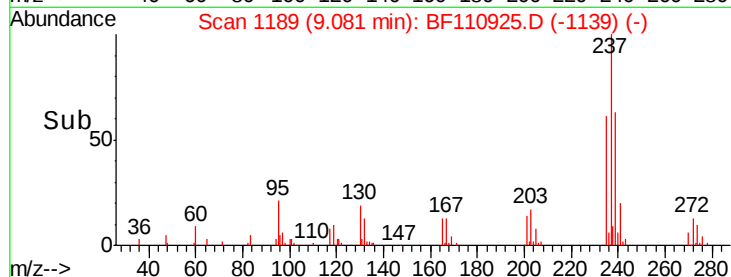
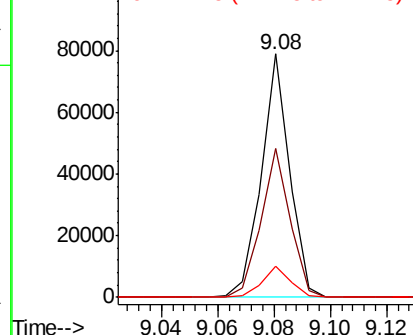
237 100

235 61.0 43.1 83.1

272 12.6 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: 125.485 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

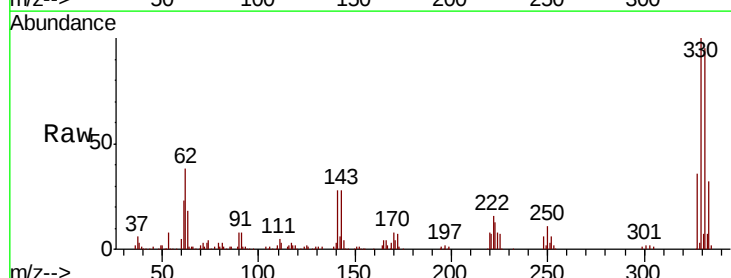
Tgt Ion:330 Resp: 167434

Ion Ratio Lower Upper

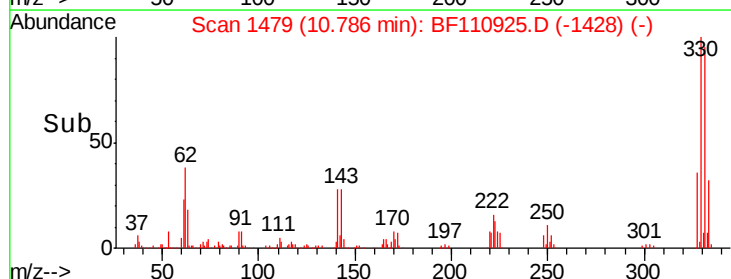
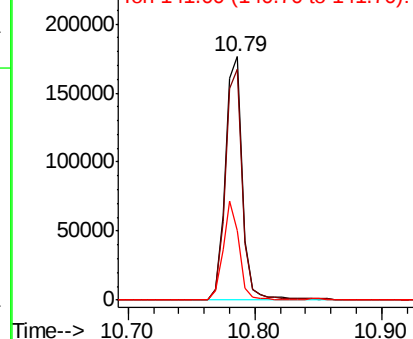
330 100

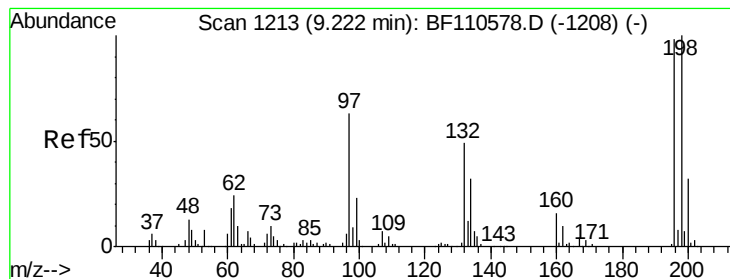
332 95.1 77.1 115.7

141 38.0 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: 44.182 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampled :

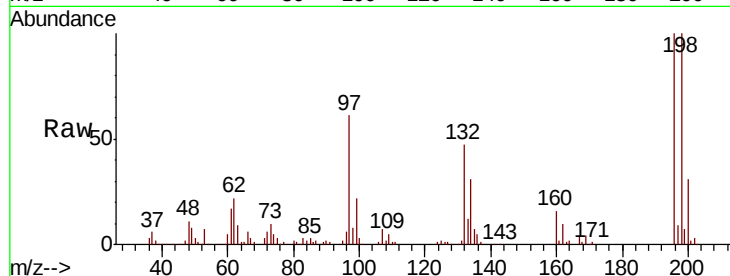
Tot Ion:196 Resp: 116376

Ion Ratio Lower Upper

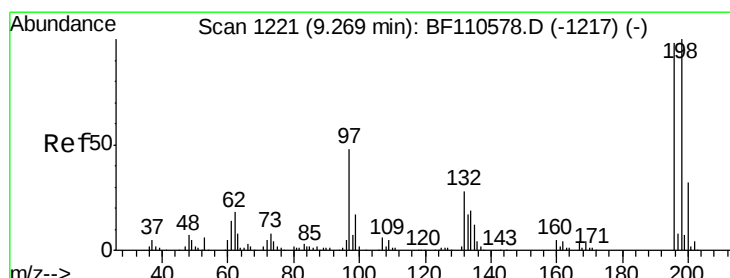
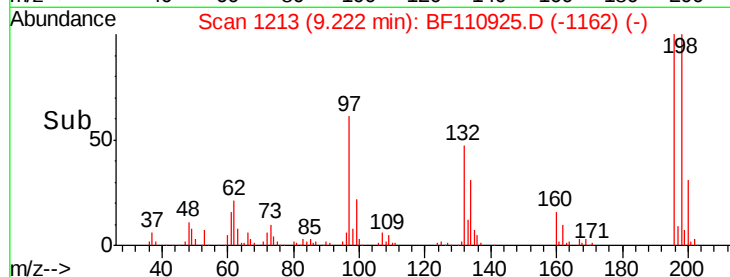
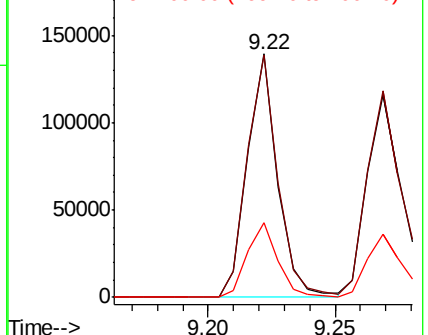
196 100

198 99.5 76.2 114.4

200 30.6 24.4 36.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.087 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion:196 Resp: 123870

Ion Ratio Lower Upper

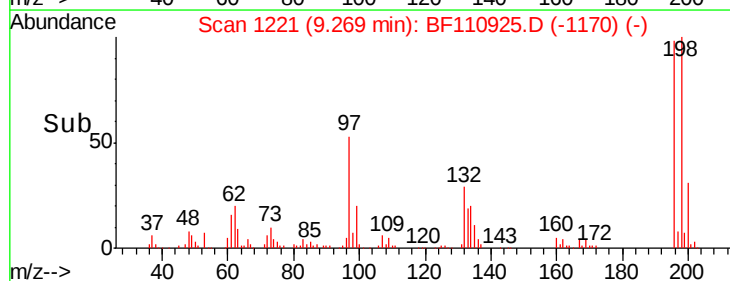
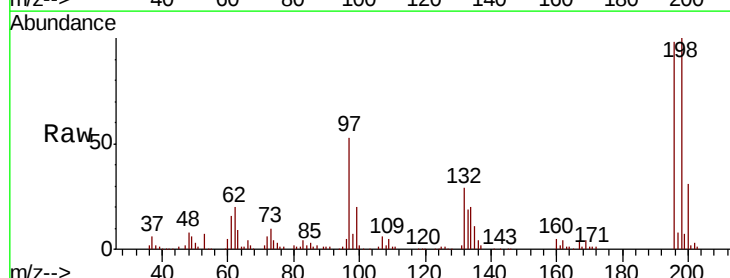
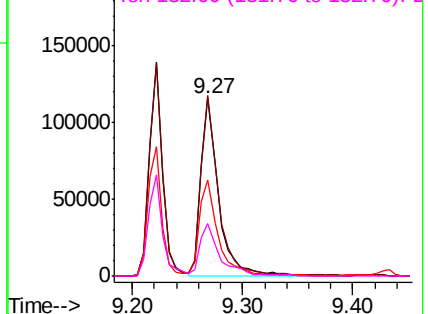
196 100

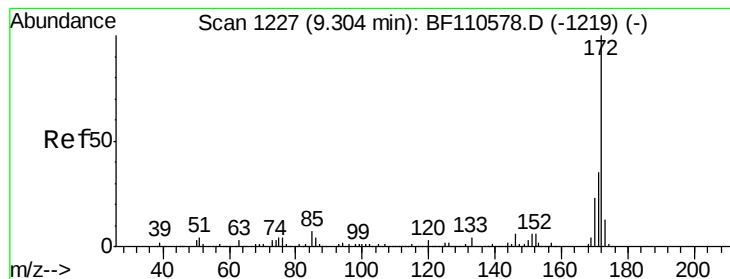
198 101.9 75.8 113.6

97 54.1 42.4 63.6

132 29.9 22.8 34.2

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 70.972 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

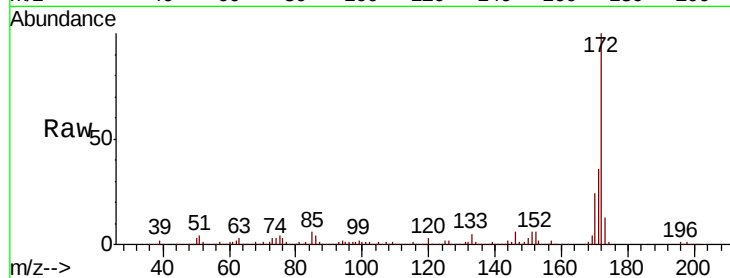
Tot Ion:172 Resp: 658043

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

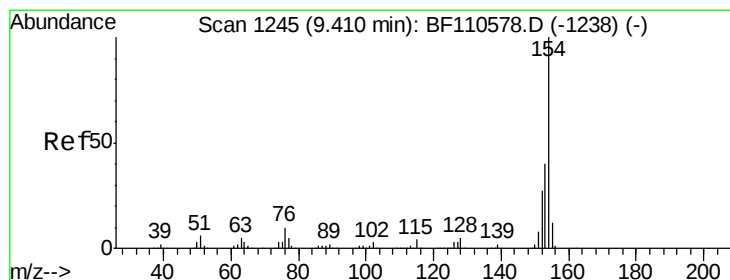
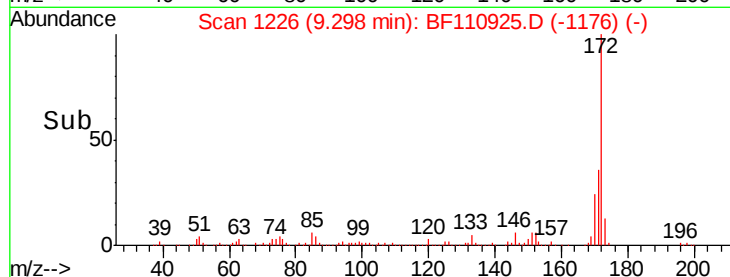
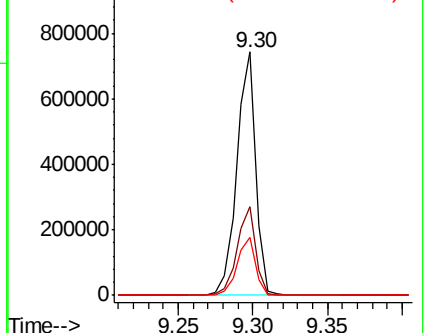
170 23.8 19.7 29.5



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: 40.235 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

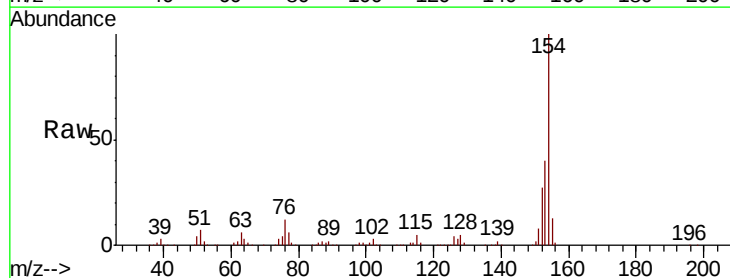
Tgt Ion:154 Resp: 497021

Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

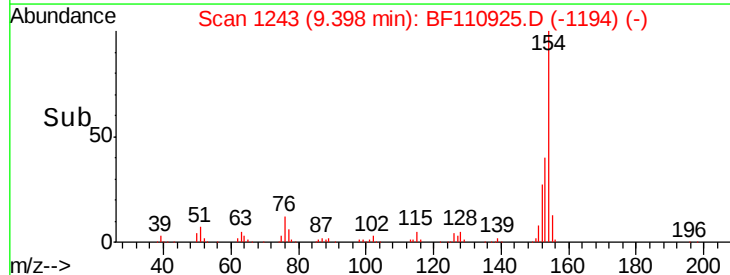
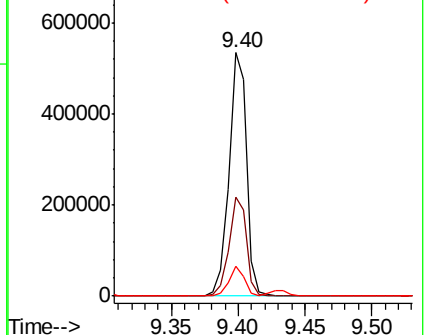
76 12.2 0.0 31.9

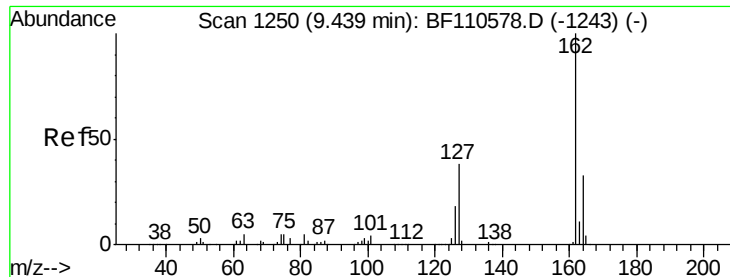


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

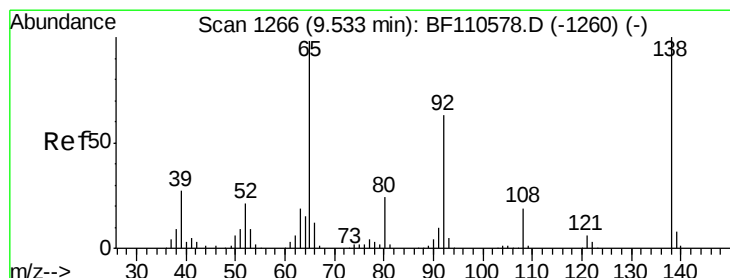
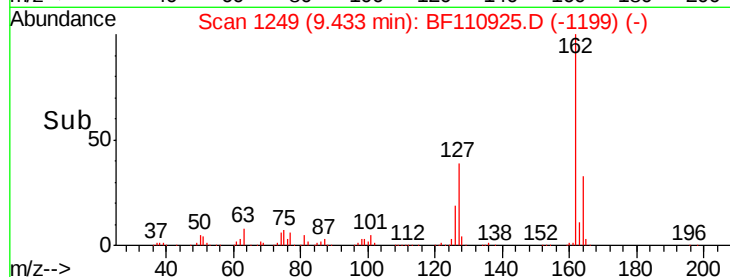
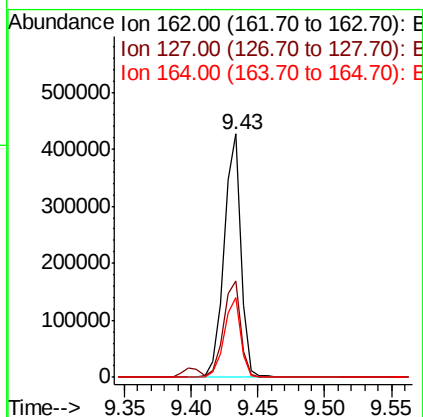
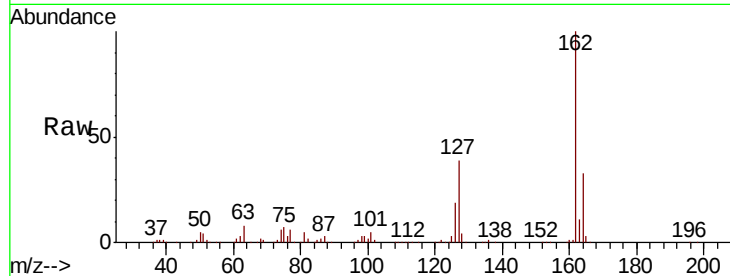




#47
 2-Chloronaphthalene
 Concen: 42.892 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

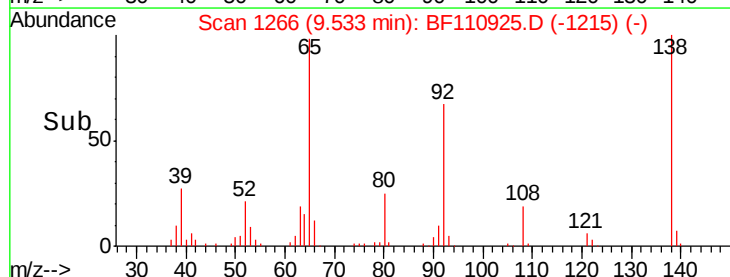
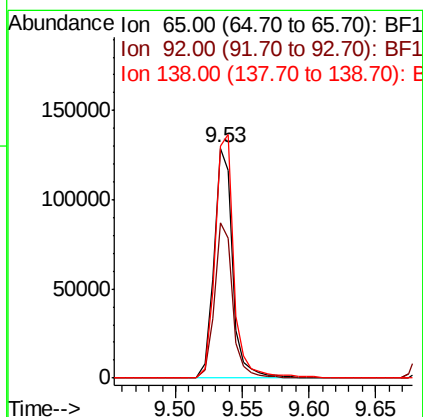
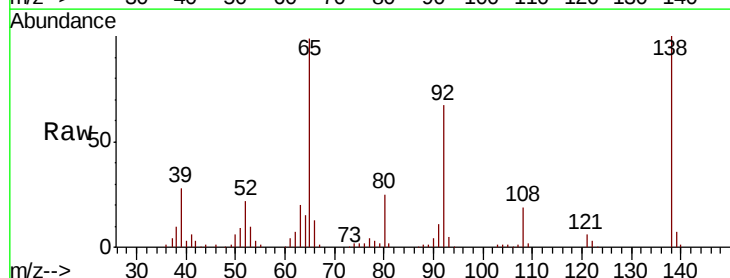
Instrument :
 BNA_F
 ClientSampleId :

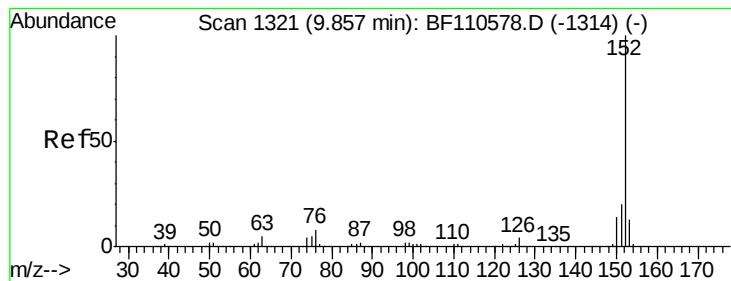
Tot Ion:	162	Resp:	381716
Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.6	48.8
164	32.8	25.9	38.9



#48
 2-Nitroaniline
 Concen: 46.133 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion:	65	Resp:	126518
Ion	Ratio	Lower	Upper
65	100		
92	67.7	54.6	81.8
138	101.2	80.3	120.5





#49

Acenaphthylene

Concen: 45.900 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

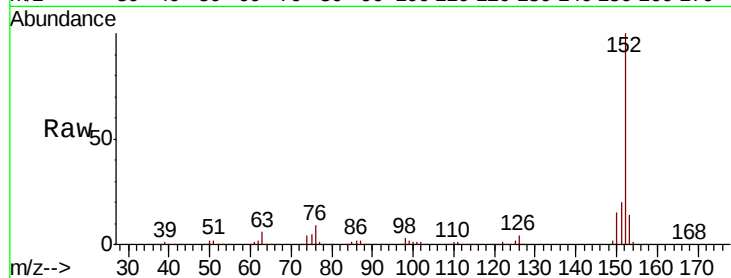
Tot Ion:152 Resp: 588274

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

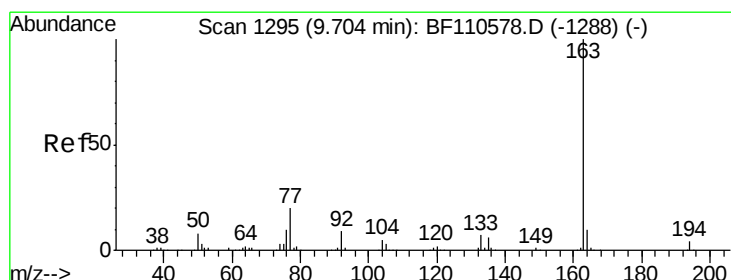
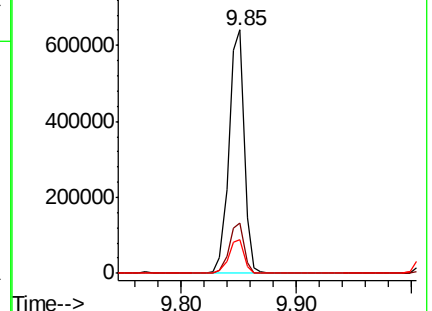
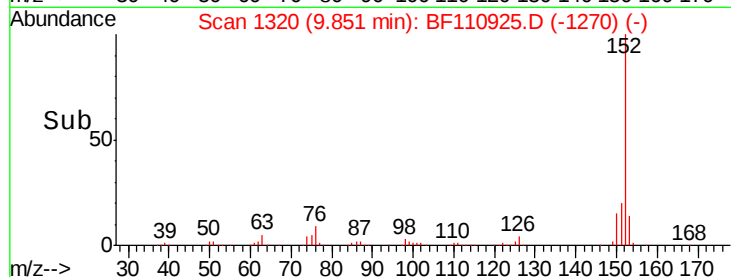
153 13.6 10.4 15.6



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: 51.382 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

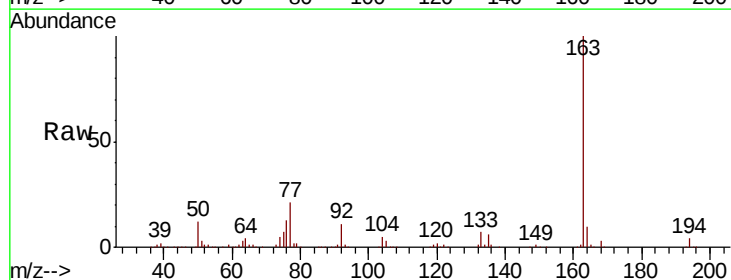
Tgt Ion:163 Resp: 507699

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

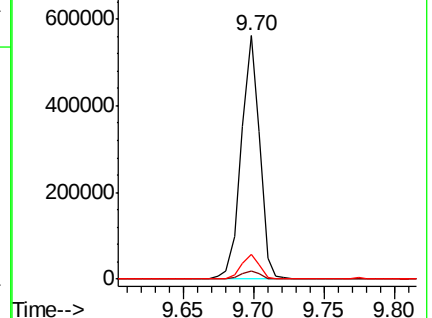
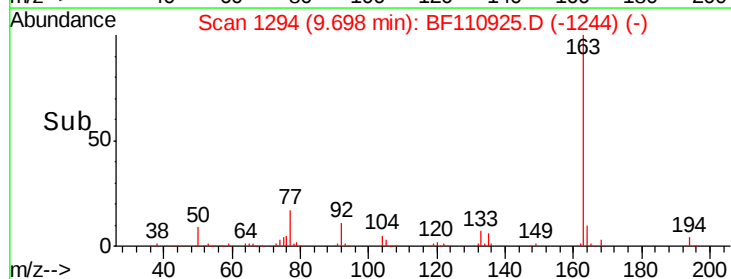
164 10.2 8.1 12.1

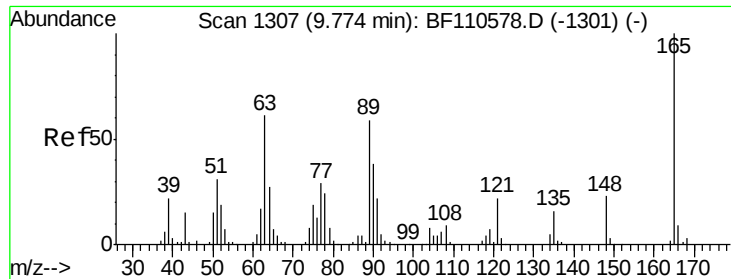


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

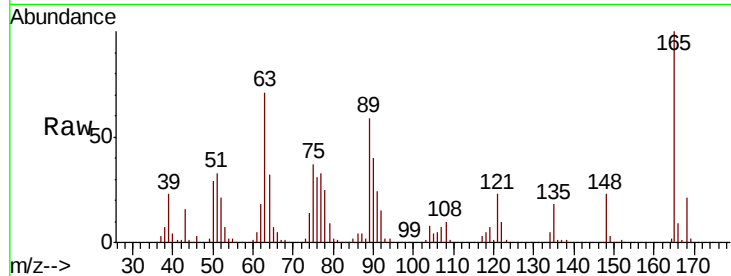




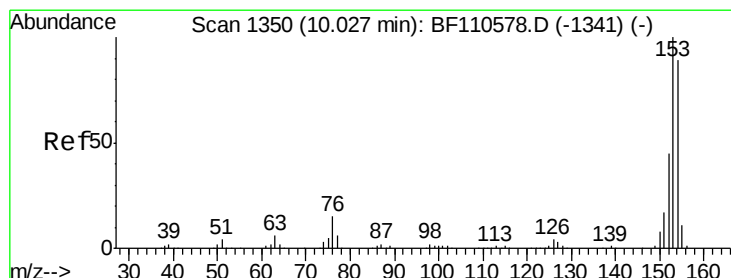
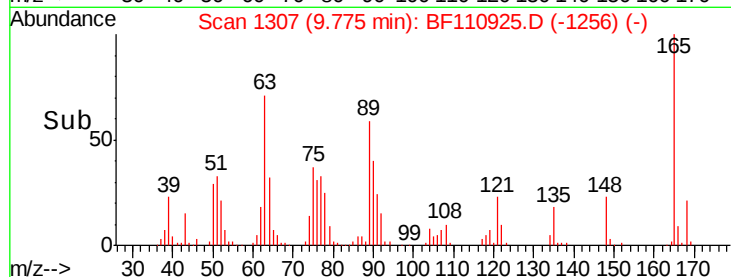
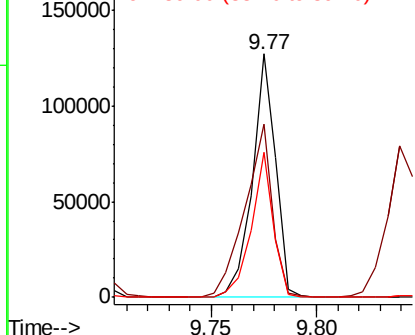
#51
 2,6-Dinitrotoluene
 Concen: 44.946 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 97694
 Ion Ratio Lower Upper
 165 100
 63 70.9 48.9 73.3
 89 59.4 46.6 69.8

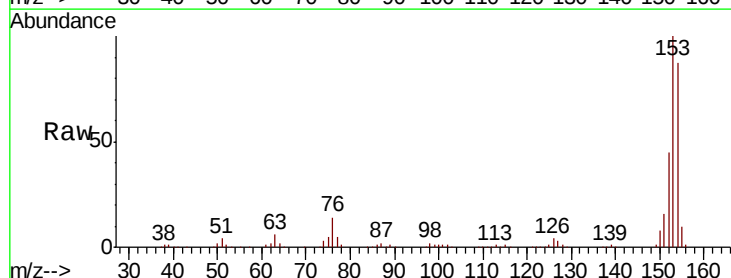


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

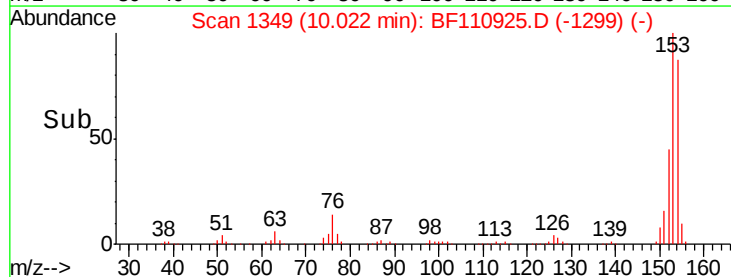
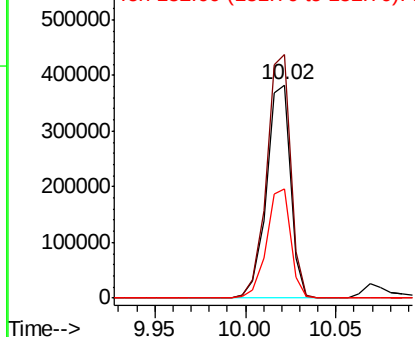


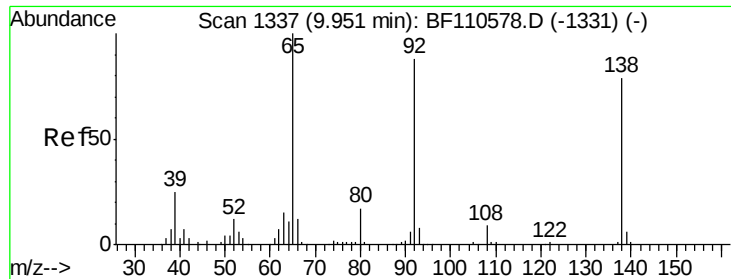
#52
 Acenaphthene
 Concen: 43.812 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion:154 Resp: 354862
 Ion Ratio Lower Upper
 154 100
 153 114.3 90.1 135.1
 152 51.0 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

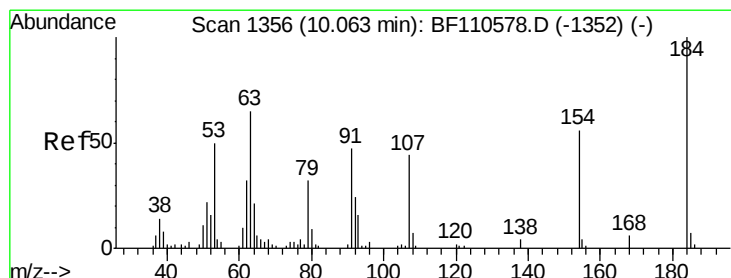
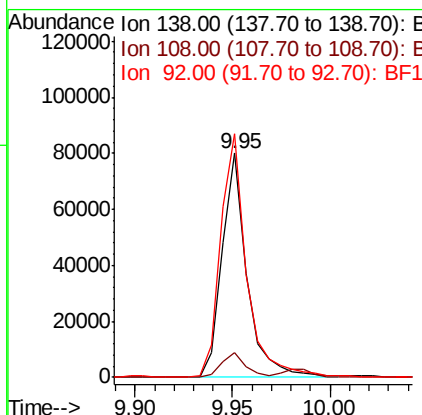
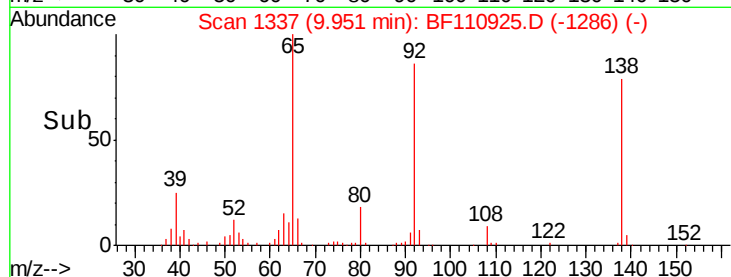
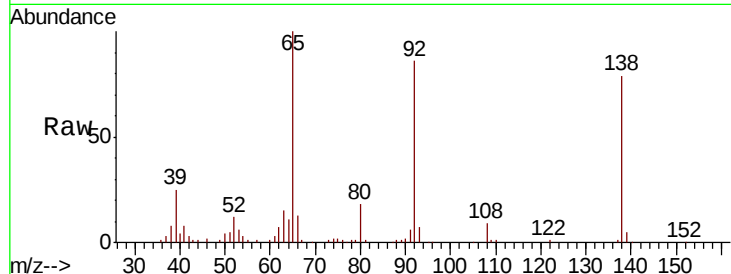




#53
 3-Nitroaniline
 Concen: 28.240 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

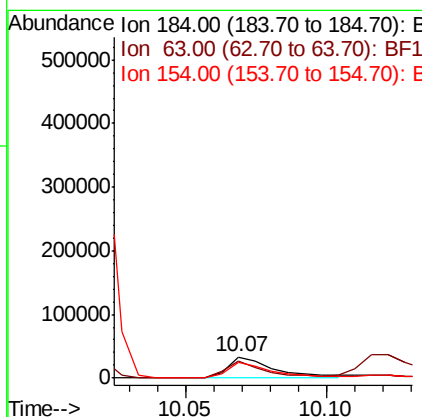
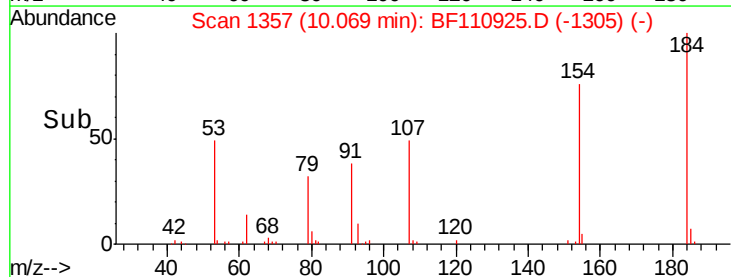
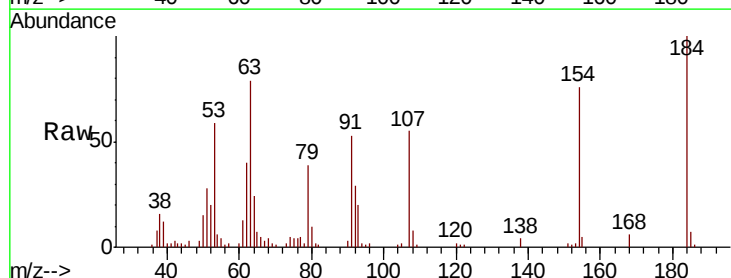
Instrument :
 BNA_F
 ClientSampleId :

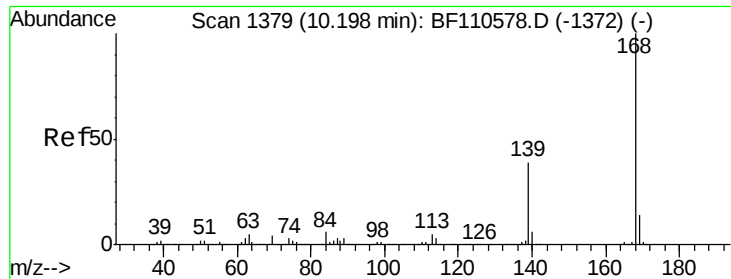
Tot Ion:138 Resp: 71115
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.7 13.1
 92 108.6 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 44.962 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion:184 Resp: 37037
 Ion Ratio Lower Upper
 184 100
 63 79.4 55.8 83.6
 154 75.7 63.2 94.8





#55

Dibenzofuran

Concen: 42.593 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

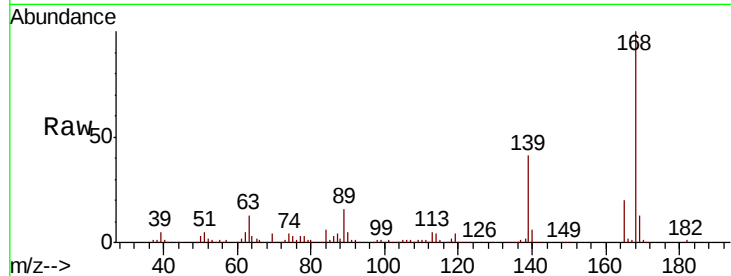
Tot Ion:168 Resp: 504728

Ion Ratio Lower Upper

168 100

139 41.4 33.0 49.6

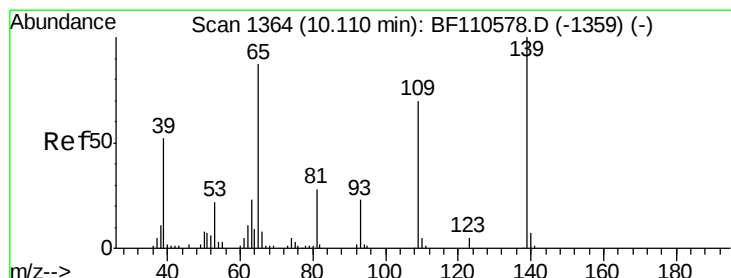
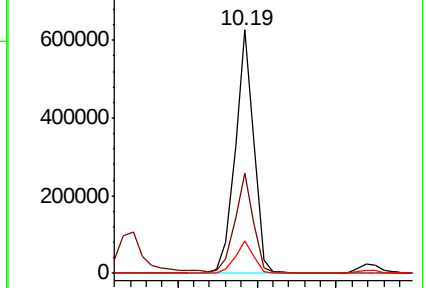
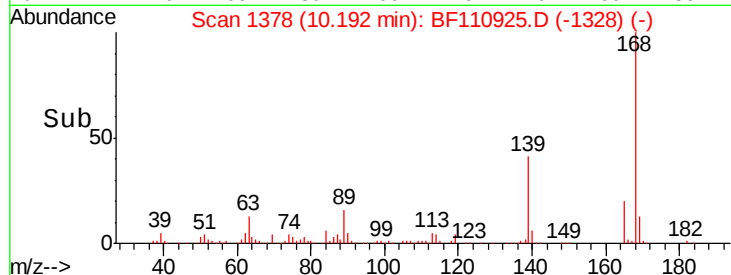
169 13.3 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.836 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

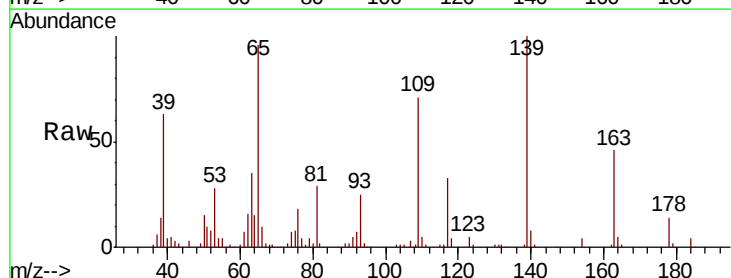
Tgt Ion:139 Resp: 126696

Ion Ratio Lower Upper

139 100

109 71.3 55.8 95.8

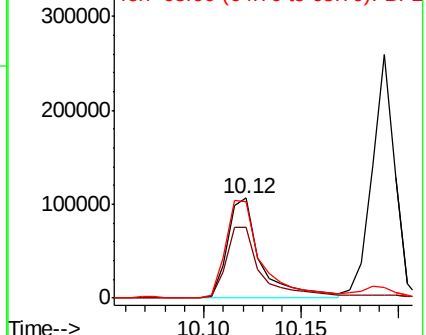
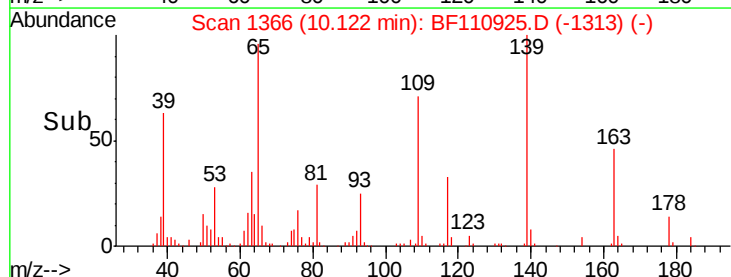
65 96.3 77.9 117.9

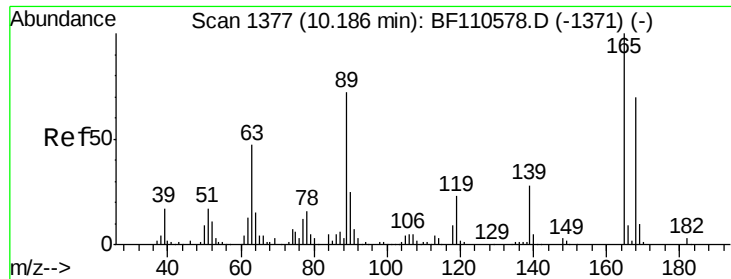


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

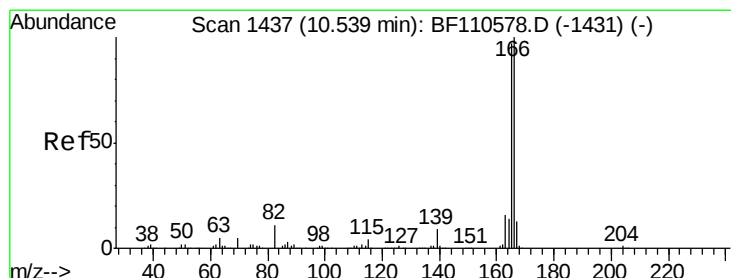
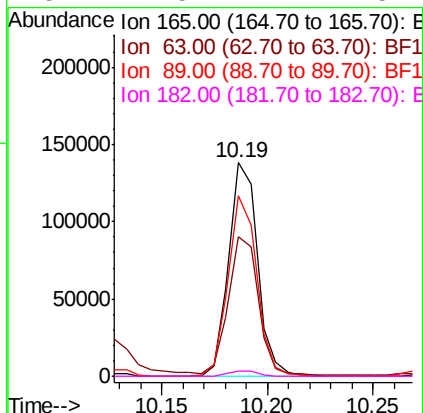
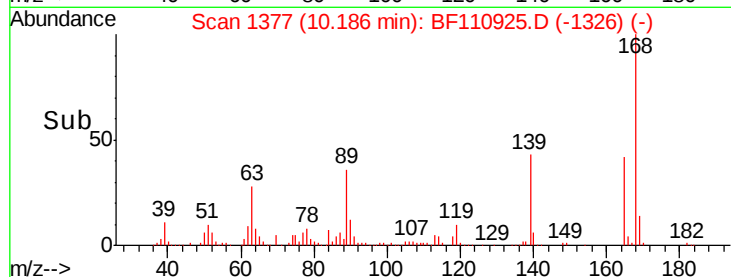
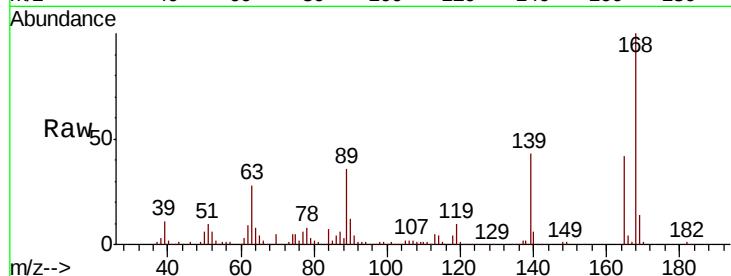




#57
2,4-Dinitrotoluene
Concen: 46.157 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

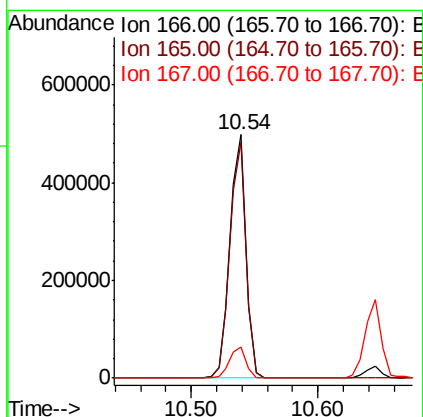
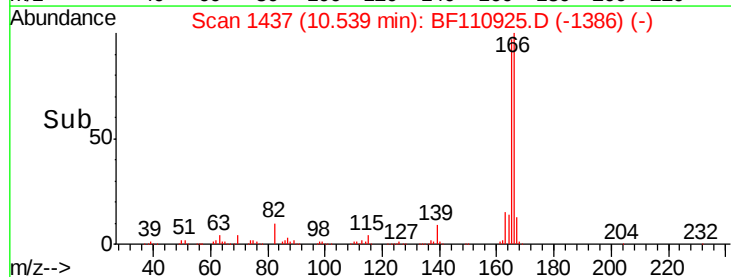
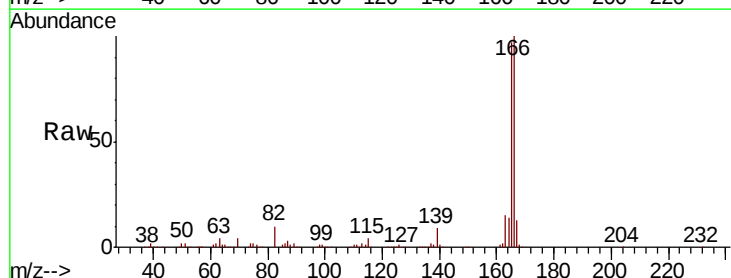
Instrument :
BNA_F
ClientSampleId :

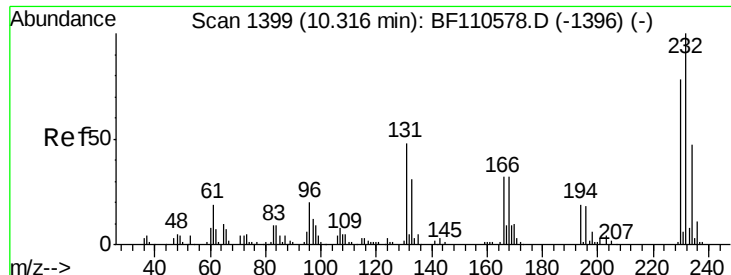
Tot Ion	Ratio	Lower	Upper
165	100		
63	65.5	44.8	67.2
89	84.5	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 47.469 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.6	117.8
167	12.9	10.8	16.2

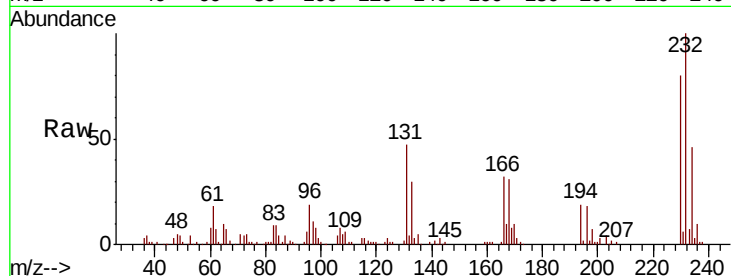




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.599 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.1	37.0	55.4
130	2.4	1.8	2.6
166	32.7	22.0	33.0



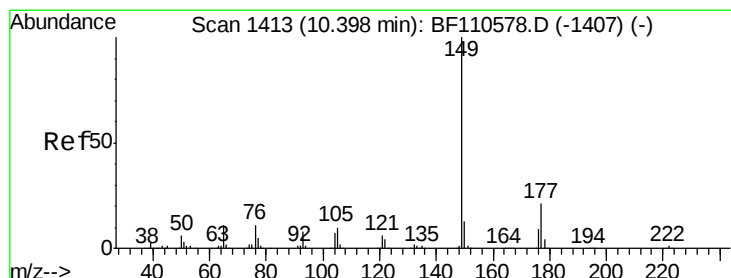
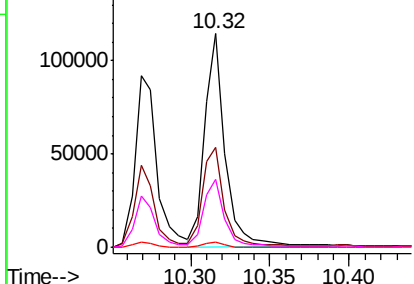
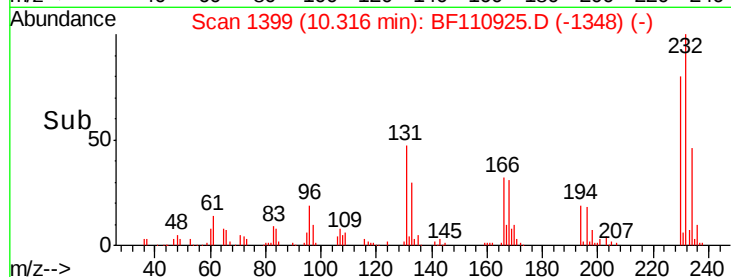
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

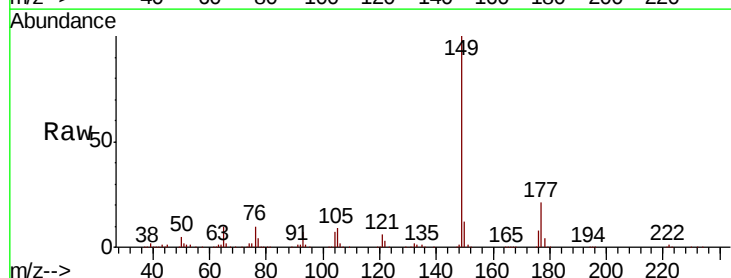
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.648 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.4	26.2
150	12.2	9.8	14.8

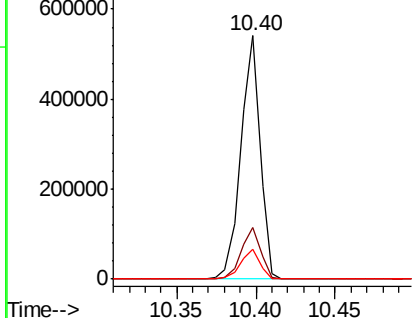
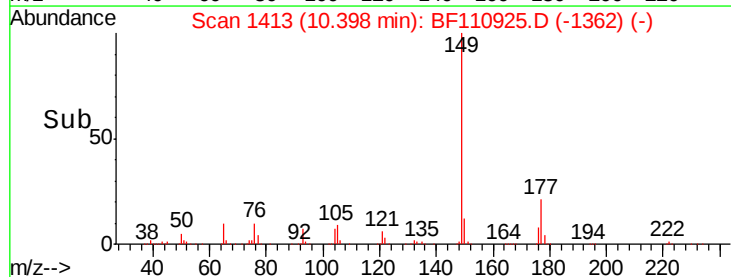


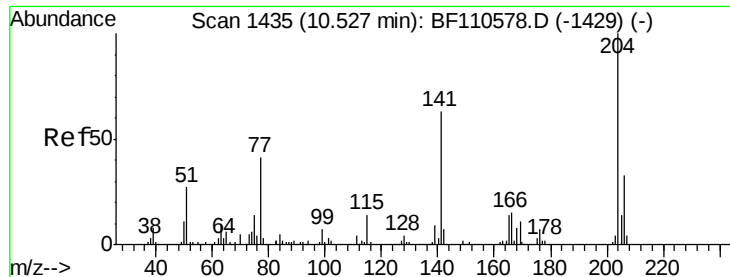
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

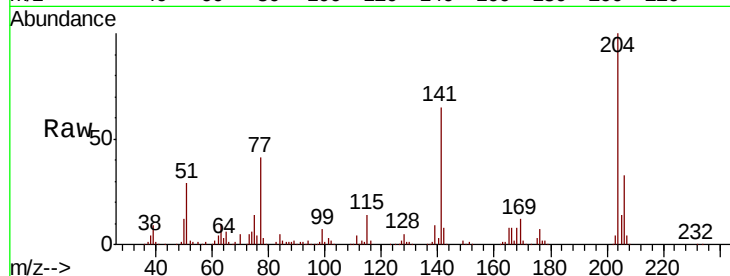




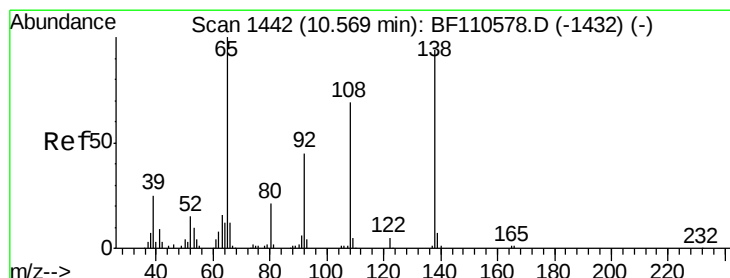
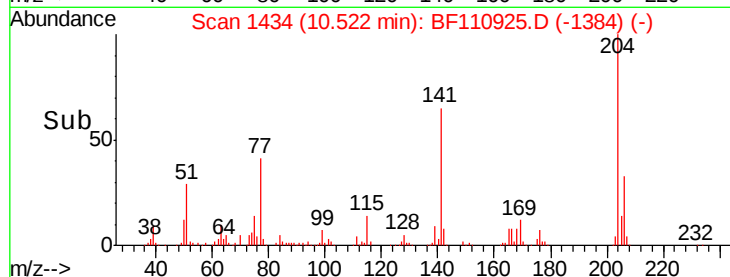
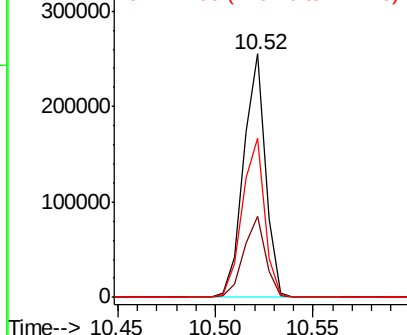
#61
4-Chlorophenyl-phenylether
Concen: 42.155 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 198667
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 65.1 51.8 77.8

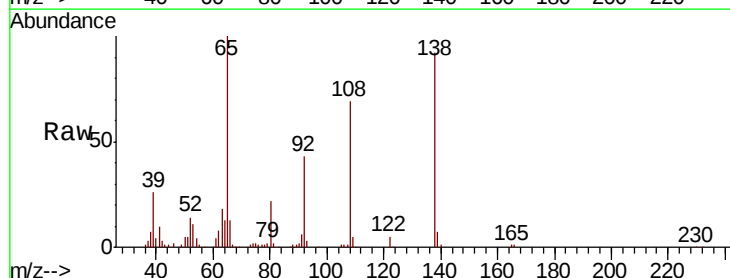


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

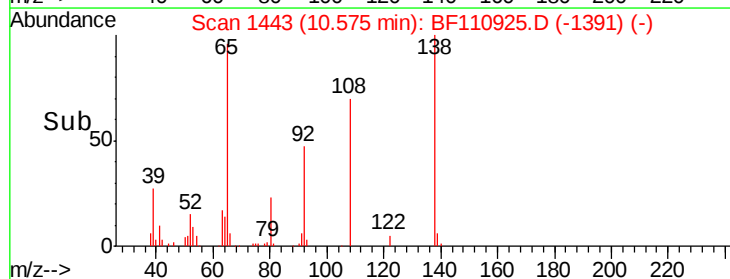
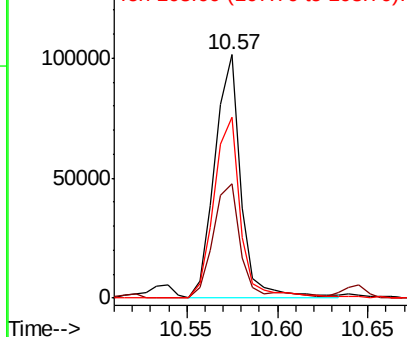


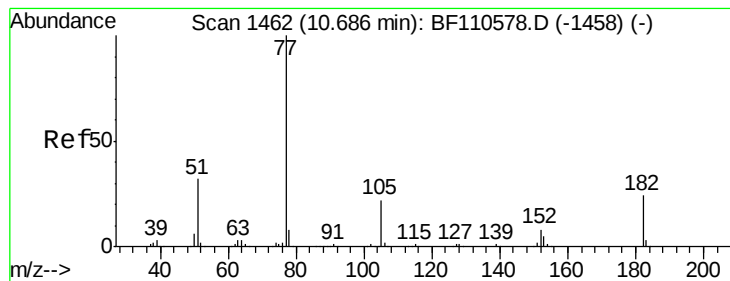
#62
4-Nitroaniline
Concen: 39.853 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion:138 Resp: 101058
Ion Ratio Lower Upper
138 100
92 46.9 31.7 71.7
108 74.5 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: 43.970 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 419348

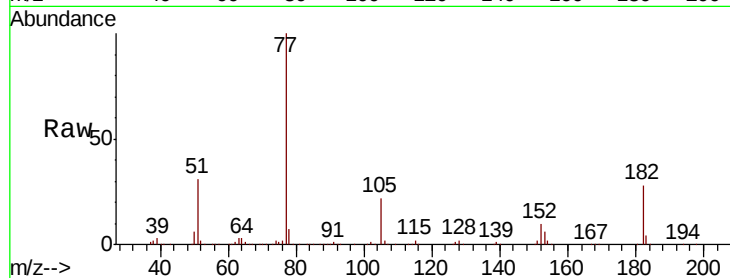
Ion Ratio Lower Upper

77 100

182 28.0 4.3 44.3

105 22.3 1.3 41.3

51 30.5 9.0 49.0

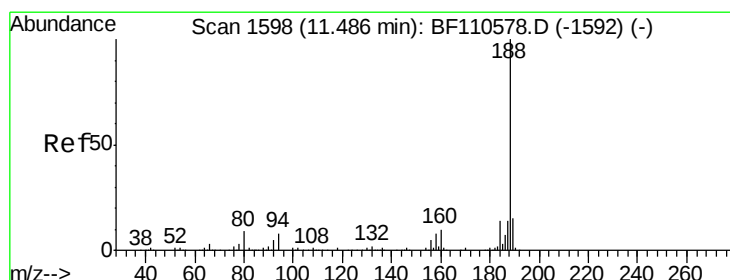
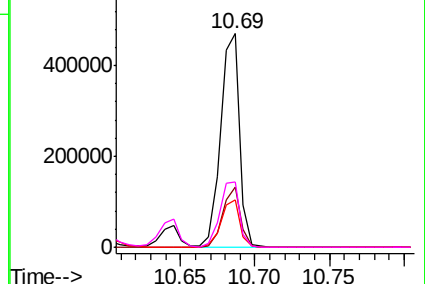
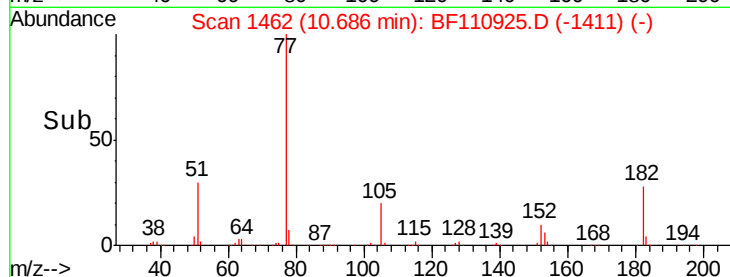


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

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: BF110925.D

Acq: 21 Nov 2018 13:47

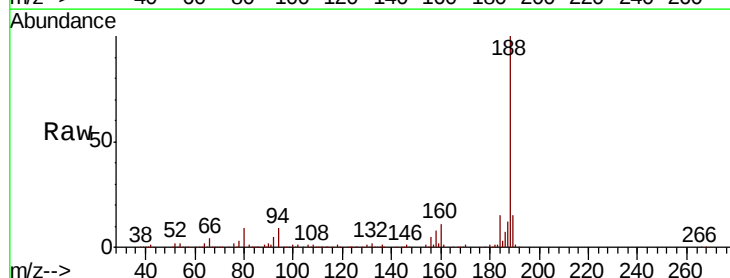
Tgt Ion: 188 Resp: 252532

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

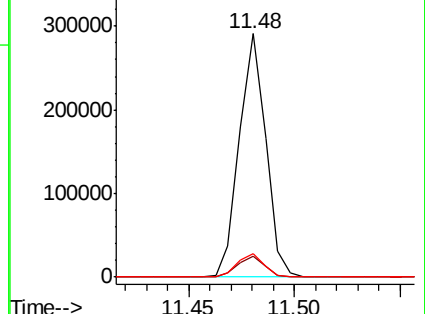
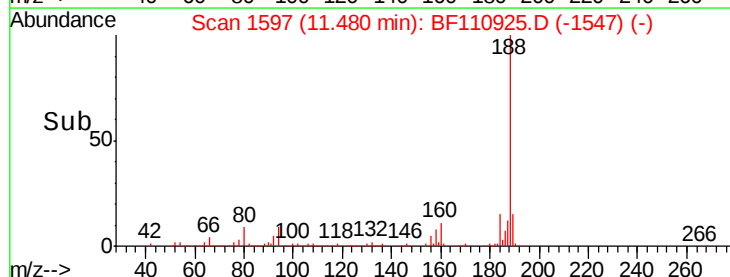
80 9.5 7.9 11.9

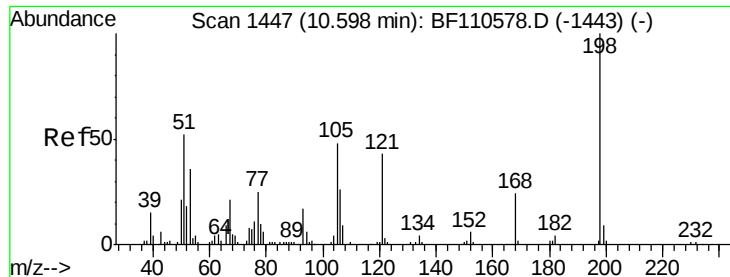


Abundance Ion 188.00 (187.70 to 188.70): E

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: 31.923 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 40629

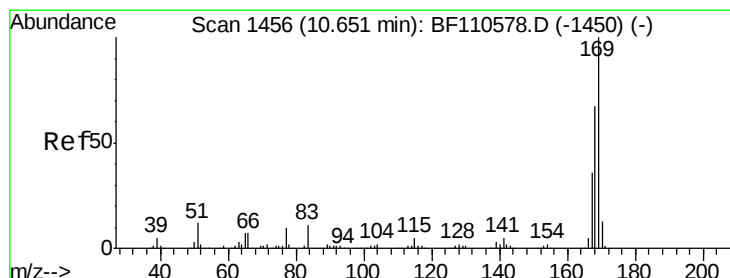
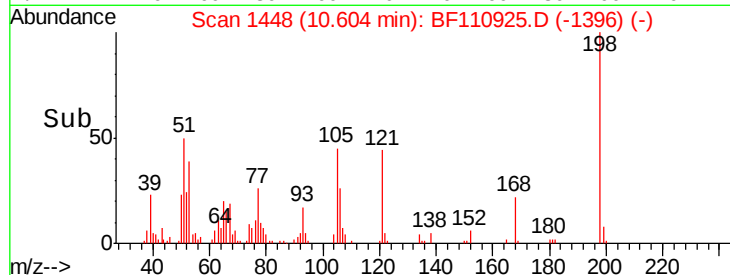
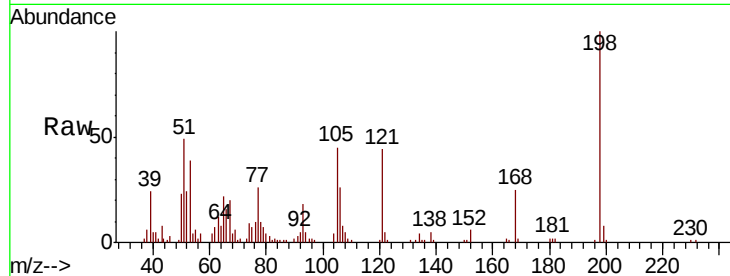
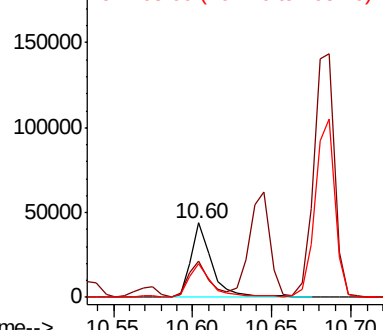
Ion	Ratio	Lower	Upper
198	100		
51	49.5	22.8	62.8
105	44.9	23.6	63.6

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: 43.868 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Tgt Ion:169 Resp: 373408

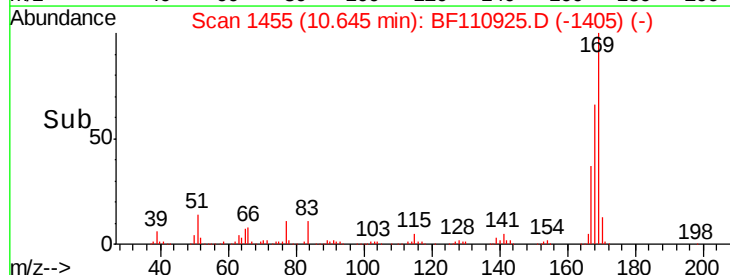
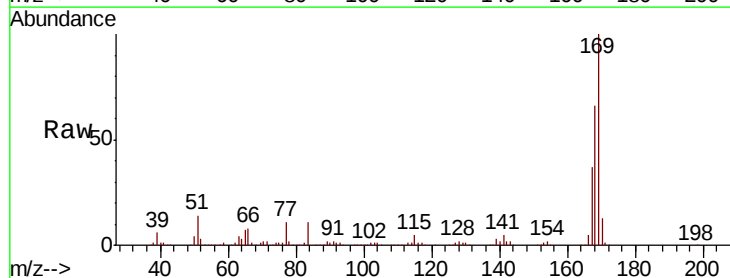
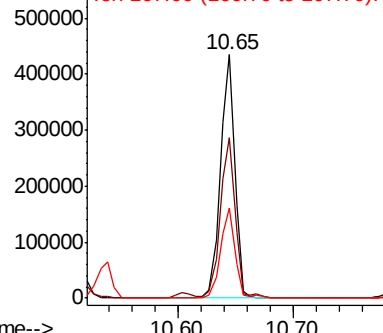
Ion	Ratio	Lower	Upper
169	100		
168	66.1	51.2	76.8
167	36.8	27.8	41.6

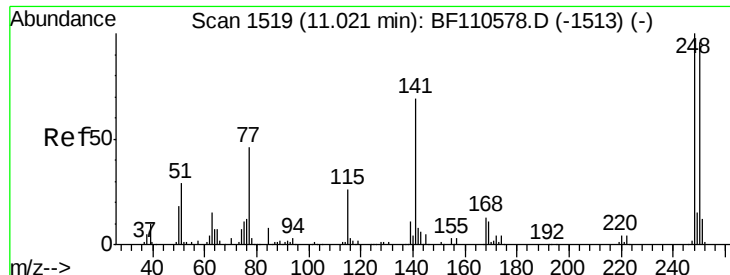
Abundance

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

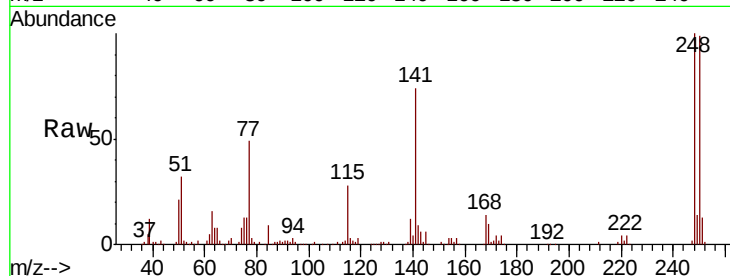




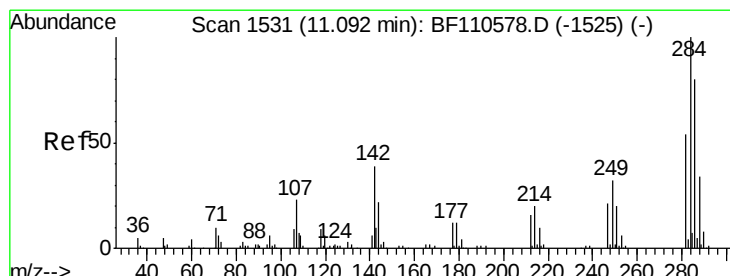
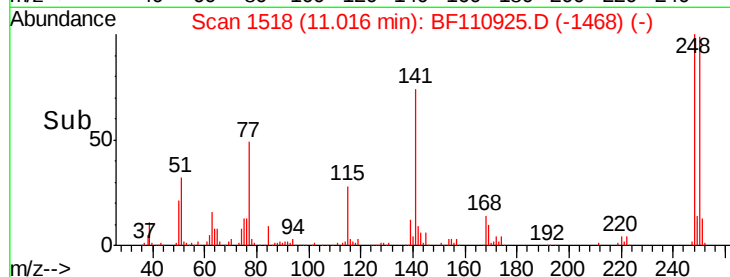
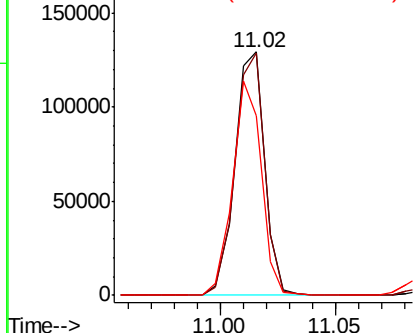
#67
4-Bromophenyl-phenylether
Concen: 41.760 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 116550
Ion Ratio Lower Upper
248 100
250 99.3 79.4 119.2
141 73.9 55.9 83.9

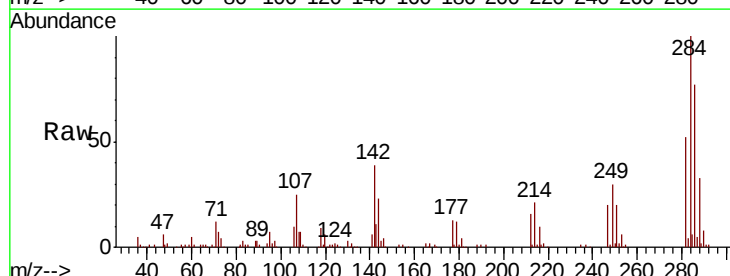


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

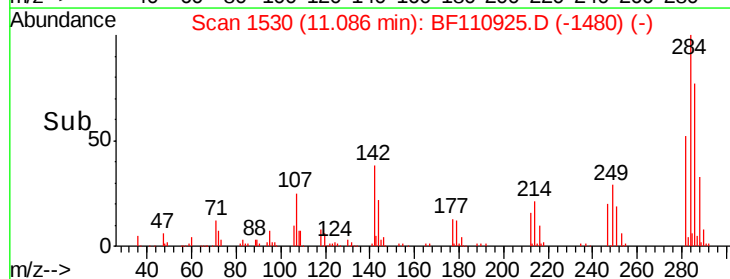
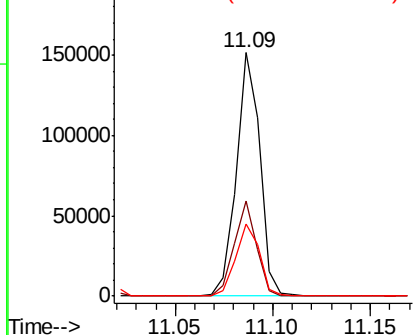


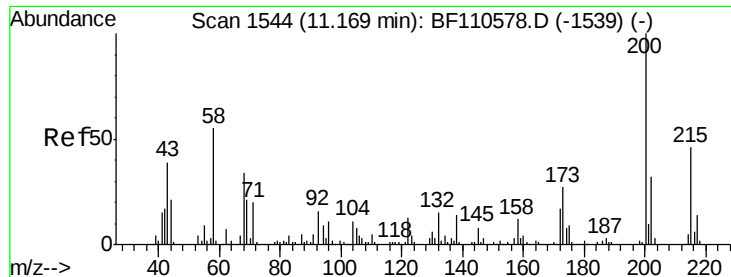
#68
Hexachlorobenzene
Concen: 42.874 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion:284 Resp: 126160
Ion Ratio Lower Upper
284 100
142 39.2 23.9 35.9#
249 29.7 24.2 36.2



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

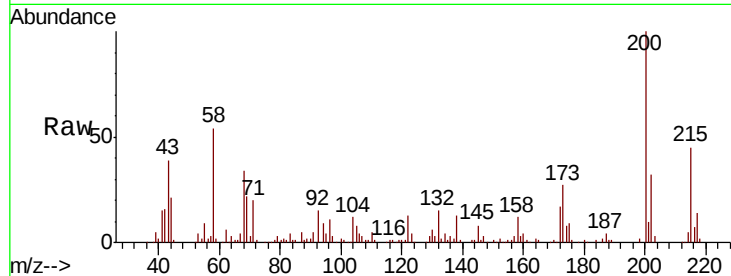




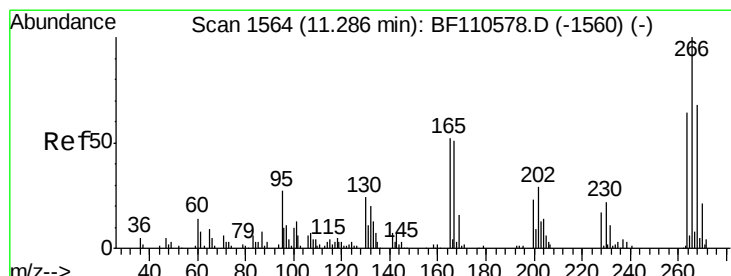
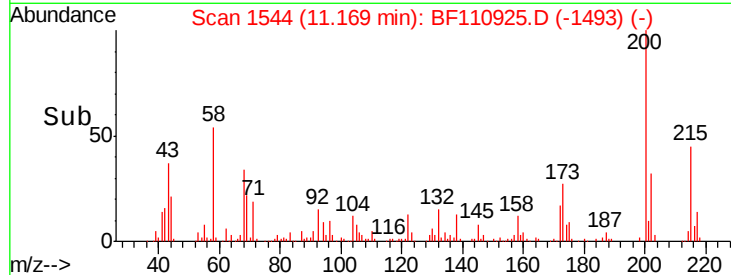
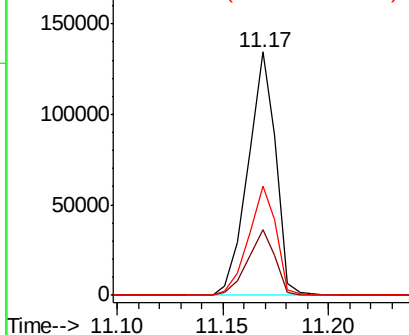
#69
 Atrazine
 Concen: 47.076 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 122521
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.6 46.6
 215 44.9 26.3 66.3

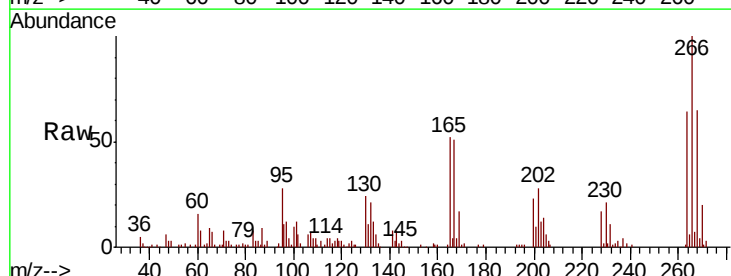


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

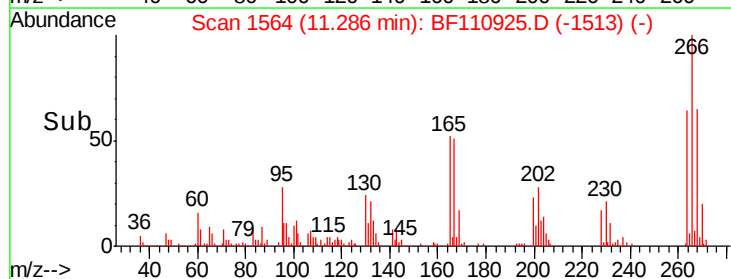
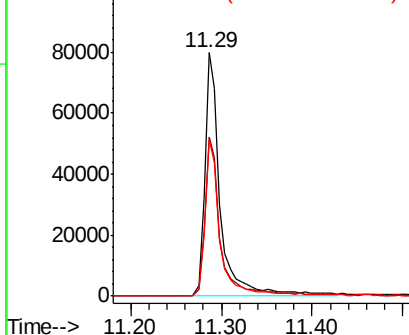


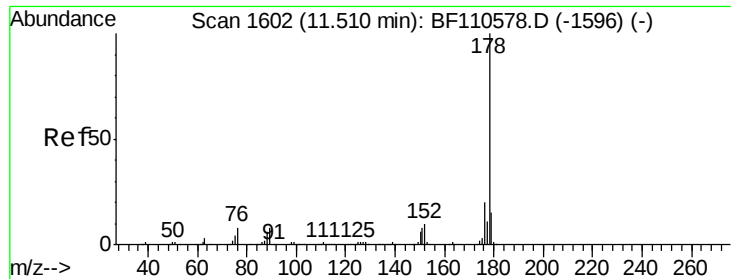
#70
 Pentachlorophenol
 Concen: 61.889 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion:266 Resp: 97173
 Ion Ratio Lower Upper
 266 100
 268 65.4 50.6 75.8
 264 64.3 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

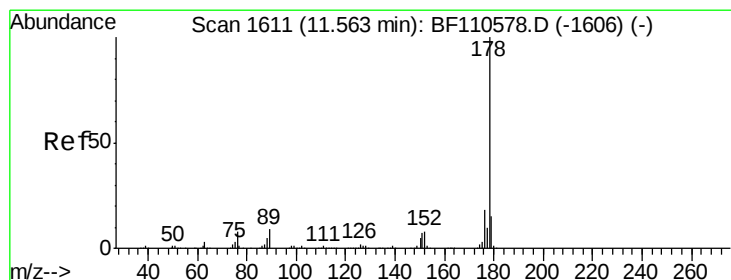
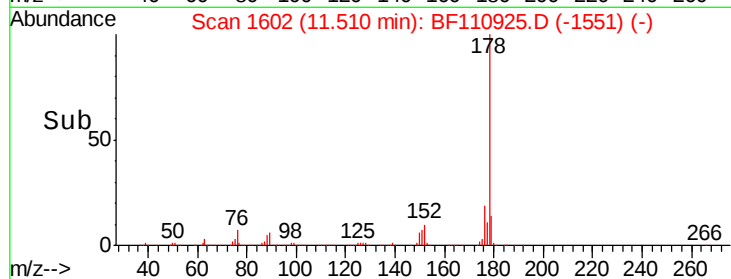
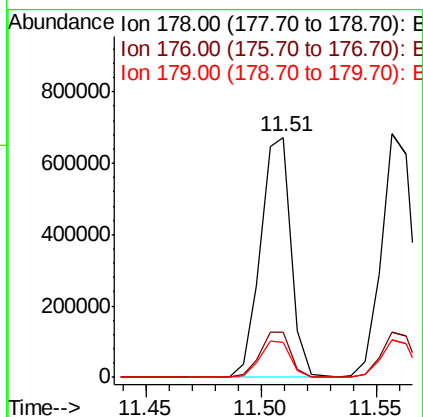
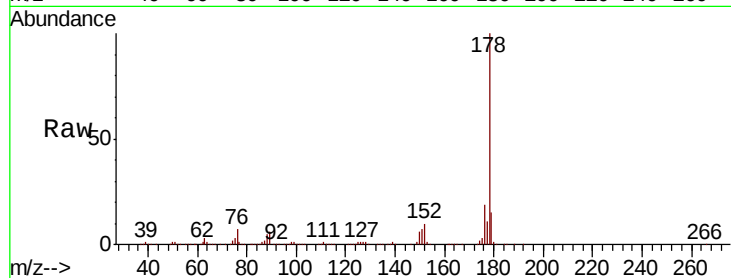




#71
Phenanthrene
Concen: 45.870 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

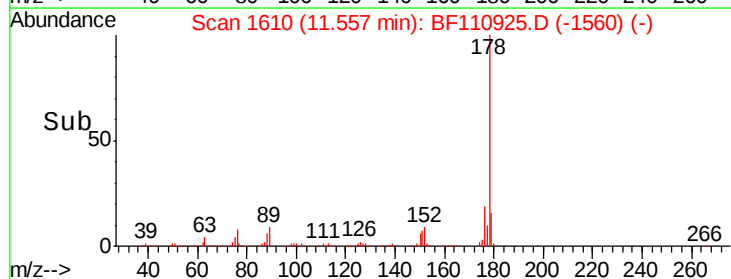
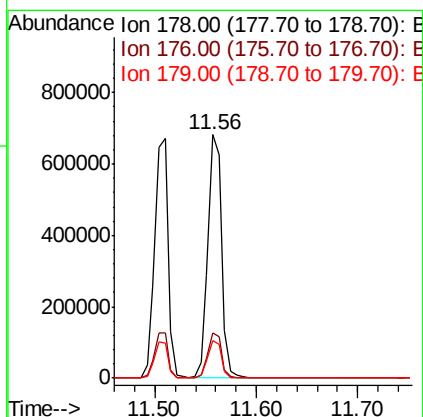
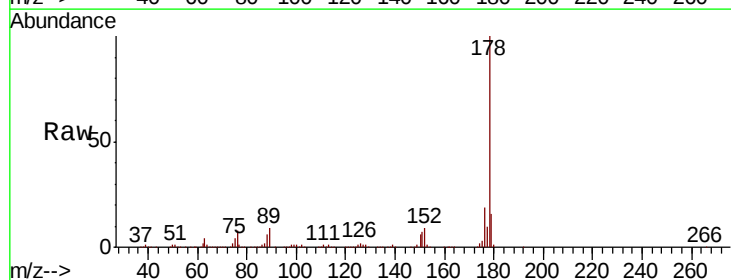
Instrument :
BNA_F
ClientSampleId :

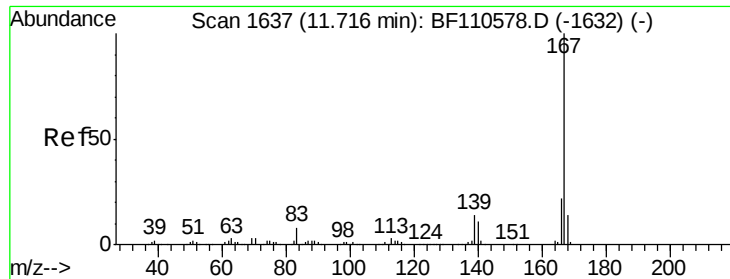
Tot Ion:178 Resp: 620595
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 14.5 12.5 18.7



#72
Anthracene
Concen: 47.075 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion:178 Resp: 642478
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.7 12.6 18.8

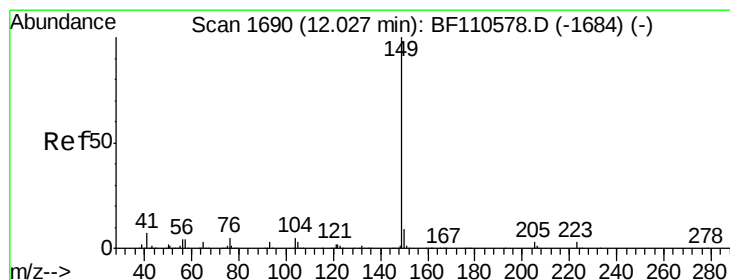
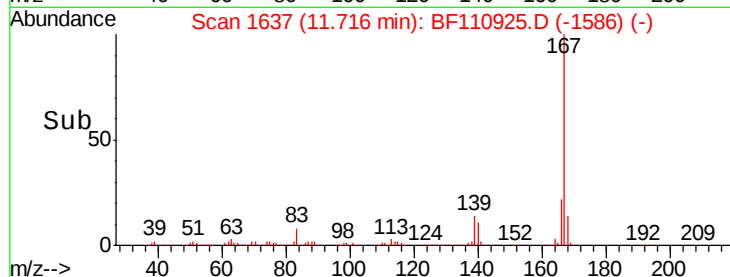
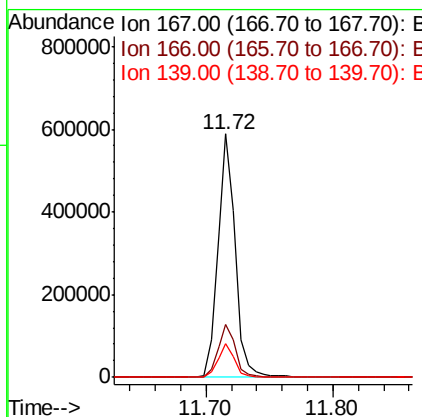
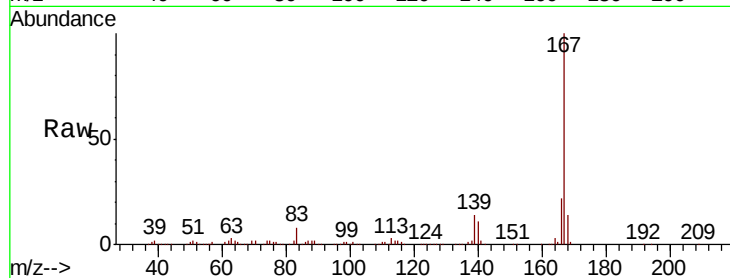




#73
 Carbazole
 Concen: 43.213 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

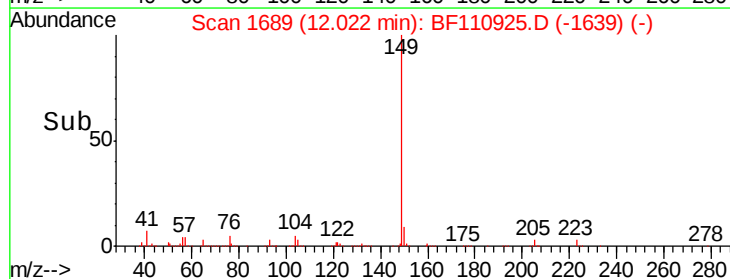
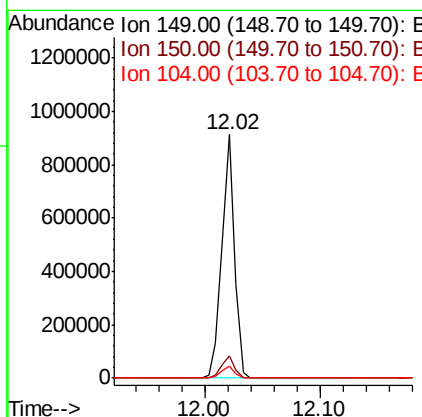
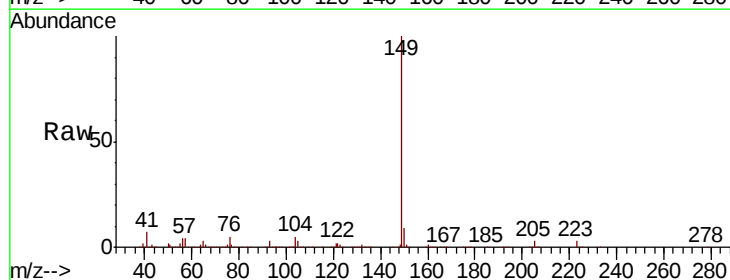
Instrument :
 BNA_F
 ClientSampleId :

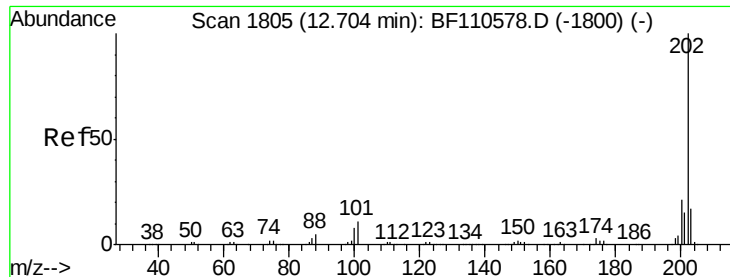
Tot Ion:167 Resp: 566394
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 45.745 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion:149 Resp: 703104
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 46.962 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

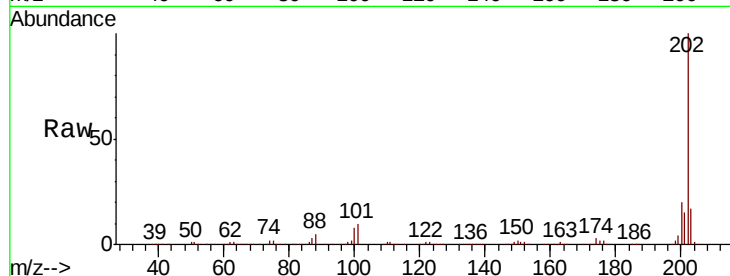
Tot Ion:202 Resp: 636998

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.4

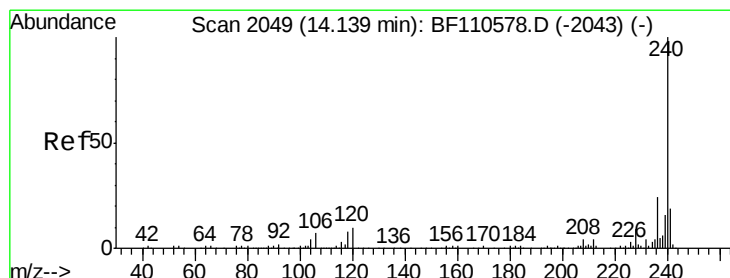
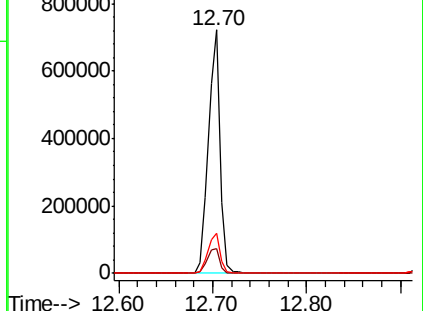
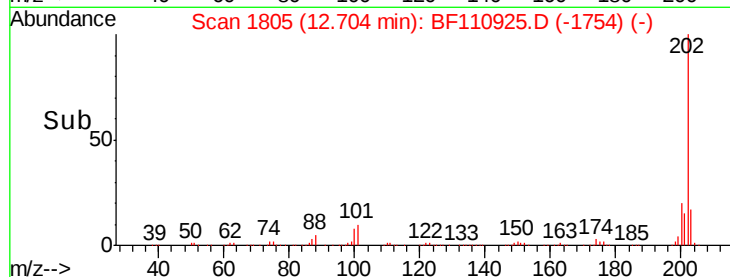
203 16.7 0.0 37.7



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: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

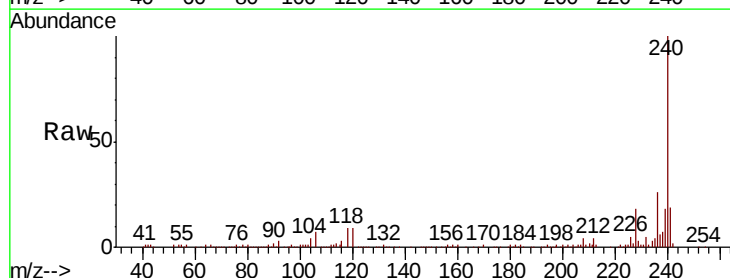
Tgt Ion:240 Resp: 164724

Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

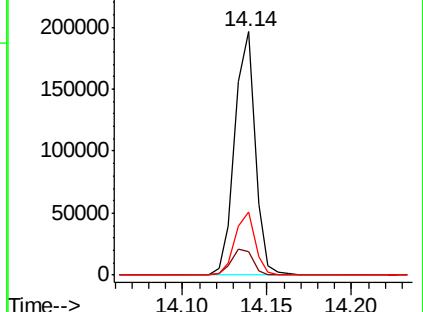
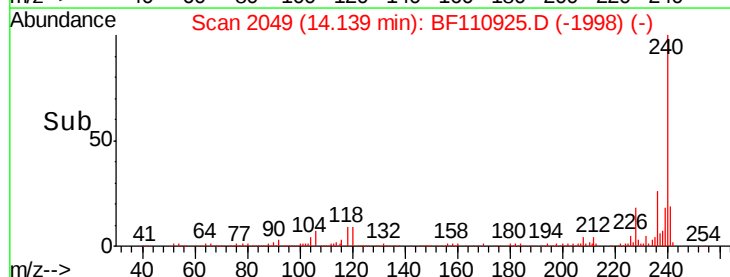
236 25.9 21.2 31.8

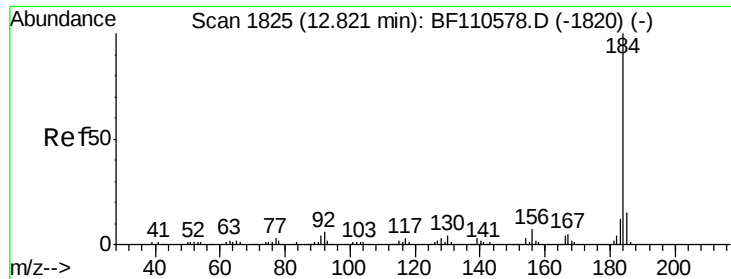


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.054 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

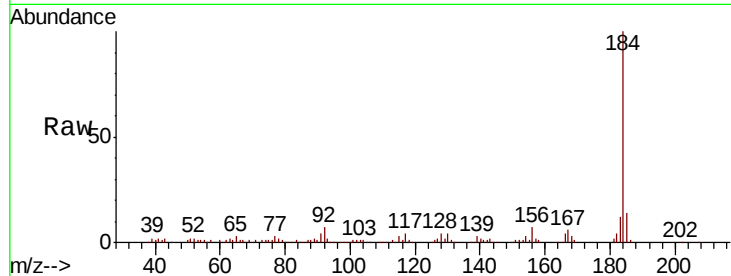
Tot Ion:184 Resp: 163324

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.2

183 11.7 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

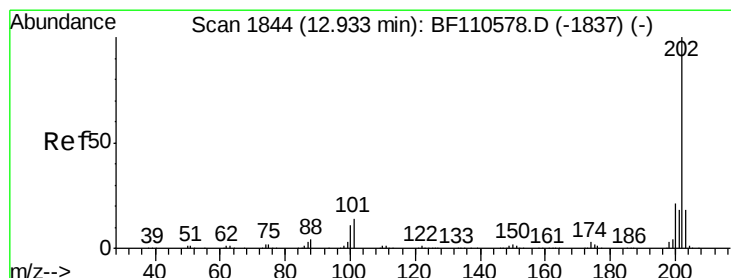
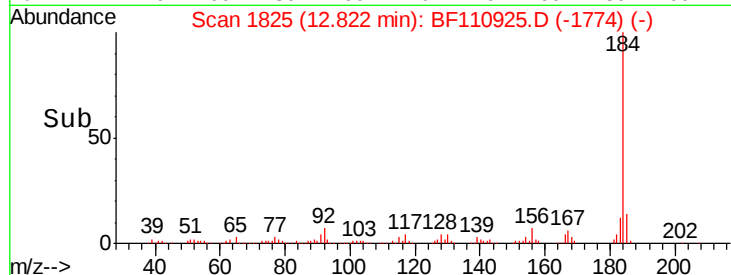
12.82

100000

50000

0

Time-->



#78

Pyrene

Concen: 49.355 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

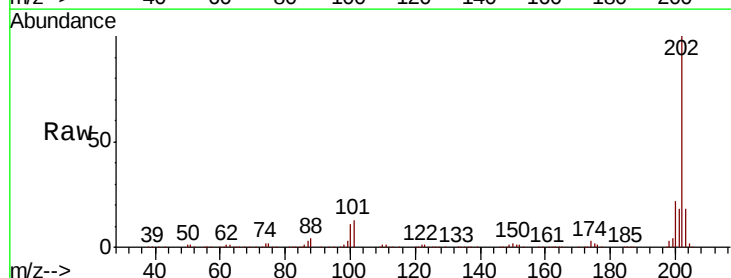
Tgt Ion:202 Resp: 625989

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

203 17.8 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

12.93

800000

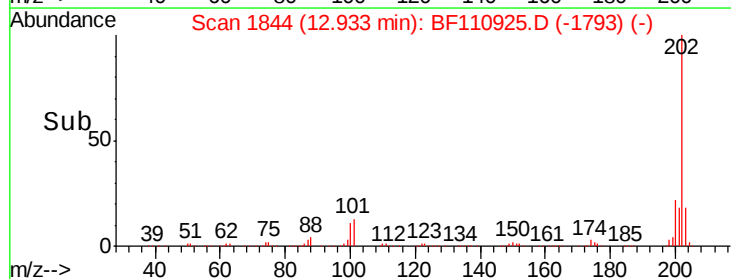
600000

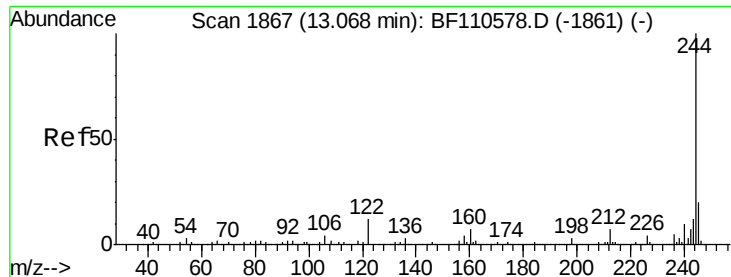
400000

200000

0

Time-->

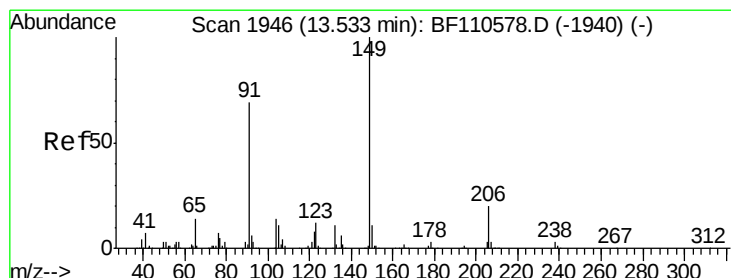
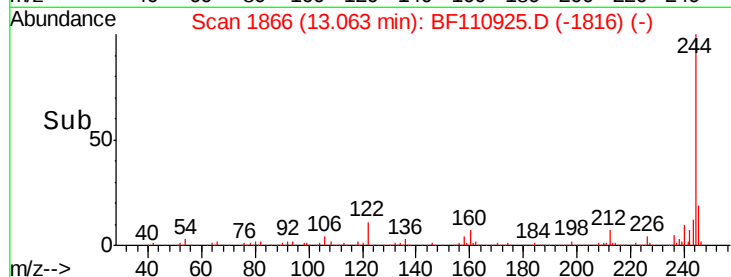
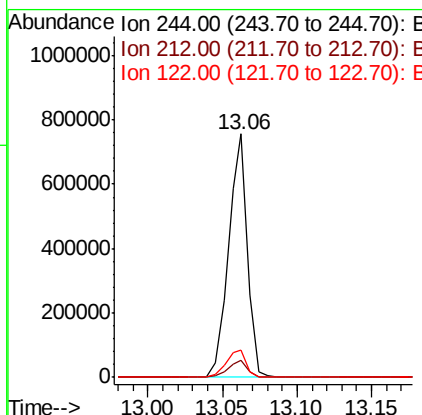
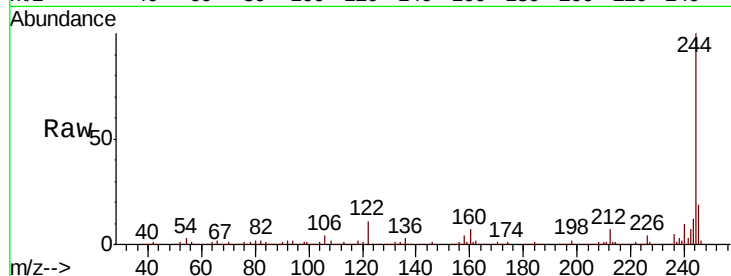




#79
 Terphenyl-d14
 Concen: 76.948 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

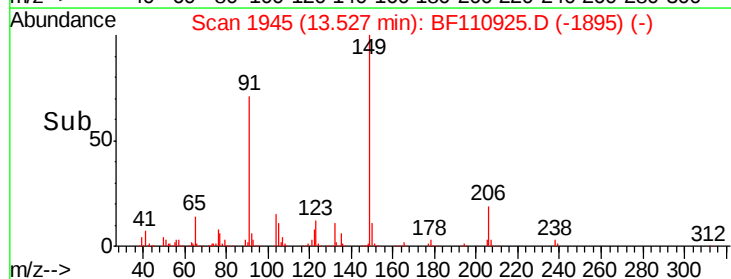
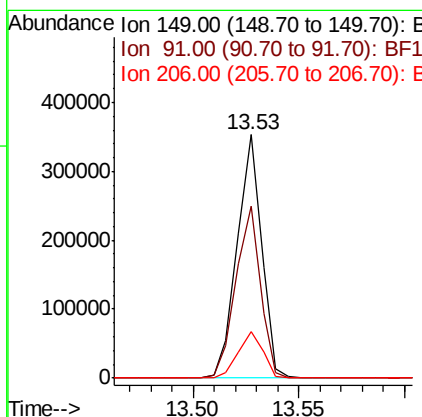
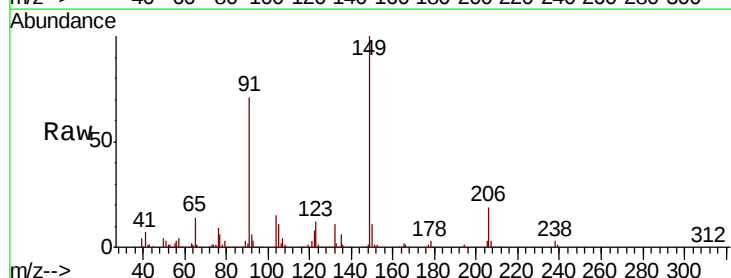
Instrument :
 BNA_F
 ClientSampleId :

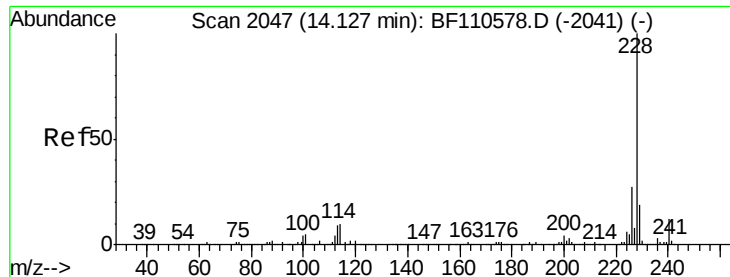
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.2	8.7	13.1



#80
 Butylbenzylphthalate
 Concen: 51.904 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110925.D
 Acq: 21 Nov 2018 13:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.8	57.2	85.8
206	19.1	15.7	23.5

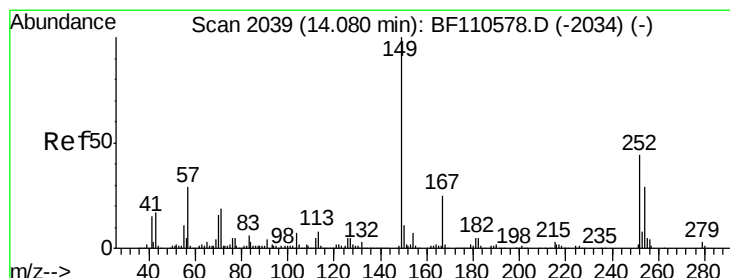
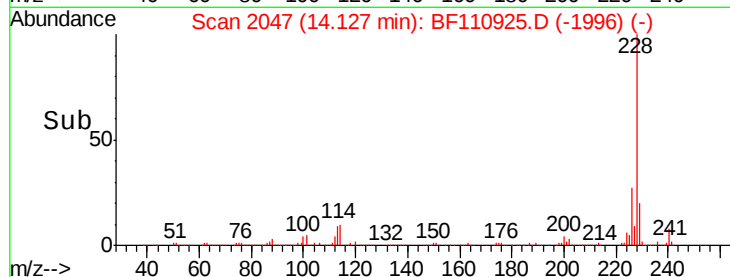
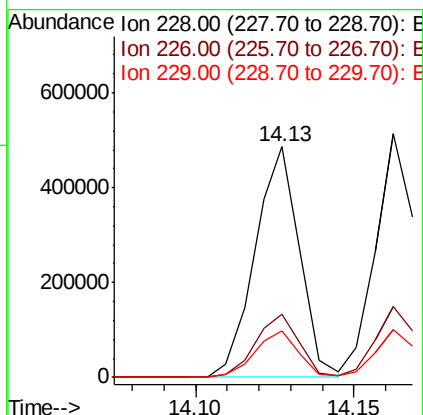
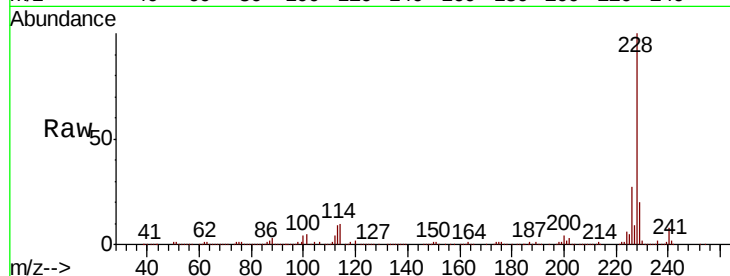




#81
Benzo(a)anthracene
Concen: 47.776 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

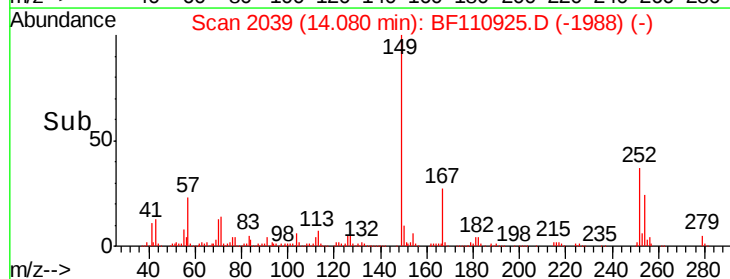
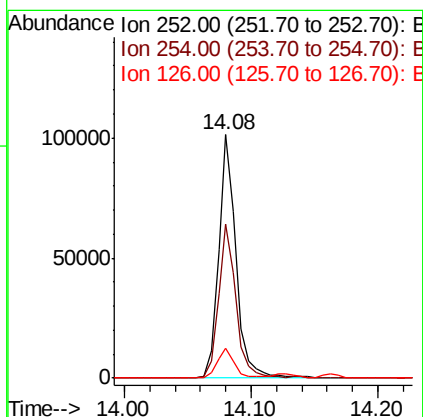
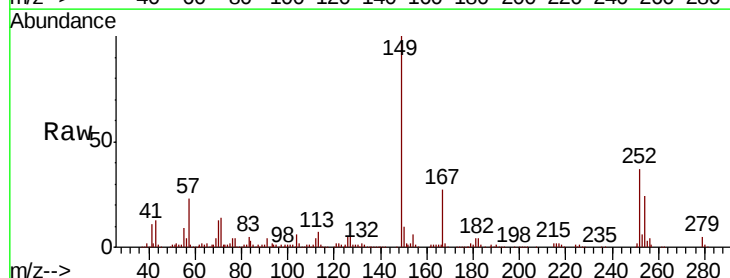
Instrument :
BNA_F
ClientSampleId :

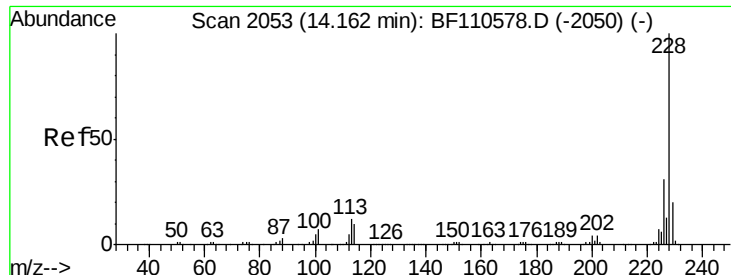
Tot Ion:228 Resp: 470394
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 29.539 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion:252 Resp: 97427
Ion Ratio Lower Upper
252 100
254 63.3 51.3 76.9
126 12.2 9.4 14.2





#83

Chrysene

Concen: 46.819 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

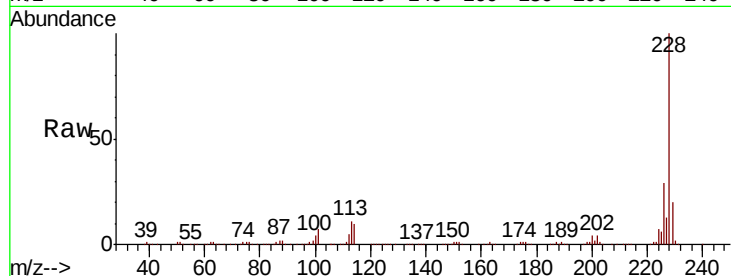
Tot Ion:228 Resp: 439168

Ion Ratio Lower Upper

228 100

226 29.1 24.7 37.1

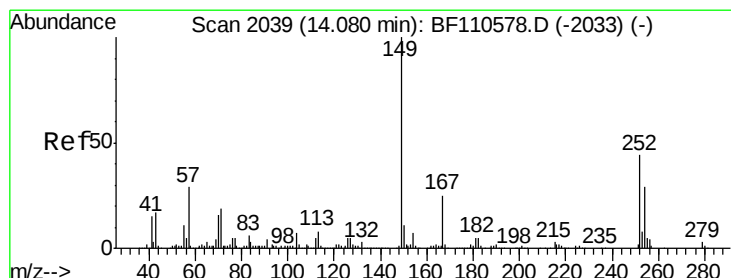
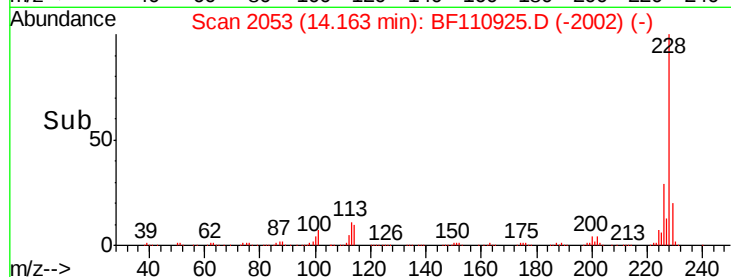
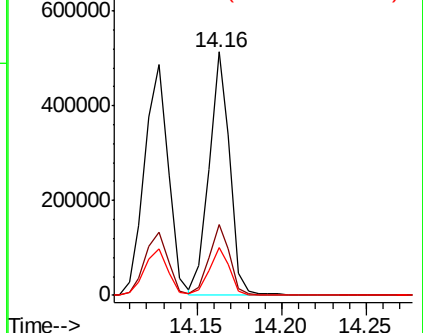
229 19.6 15.9 23.9



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: 57.219 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

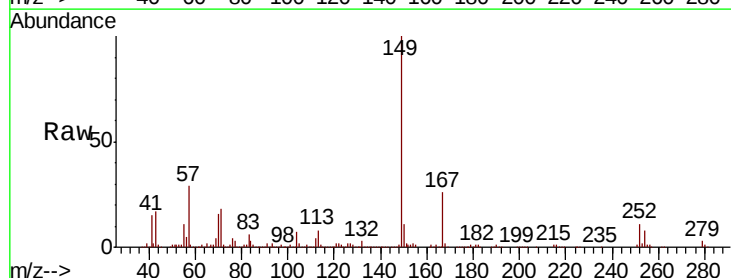
Tgt Ion:149 Resp: 387492

Ion Ratio Lower Upper

149 100

167 26.3 19.8 29.8

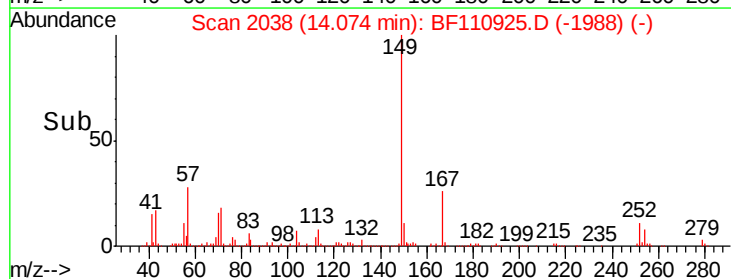
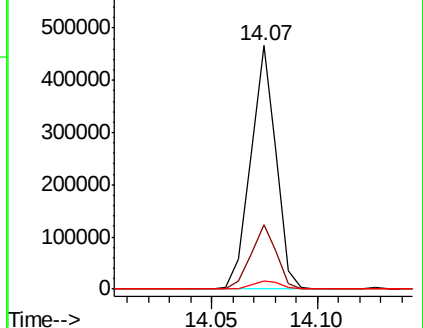
279 3.4 2.7 4.1

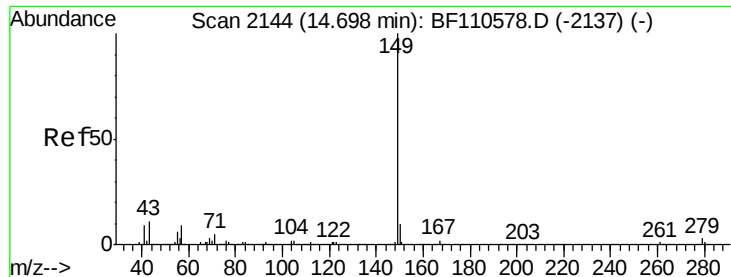


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.748 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

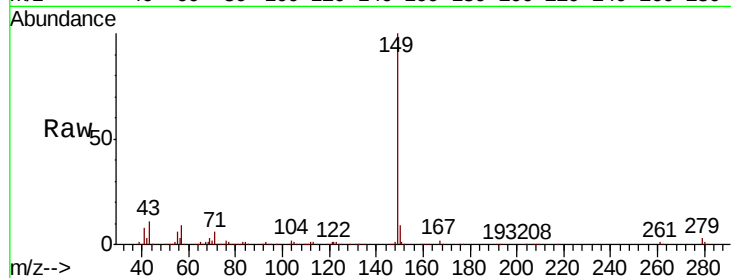
Tot Ion:149 Resp: 575092

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

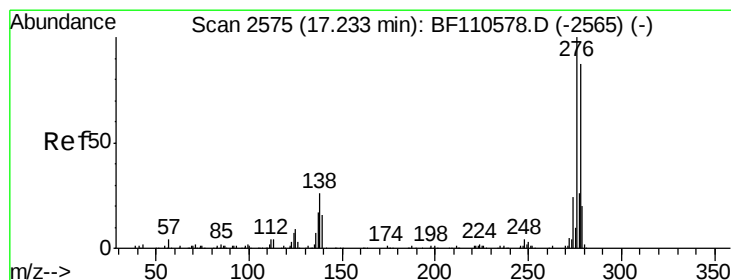
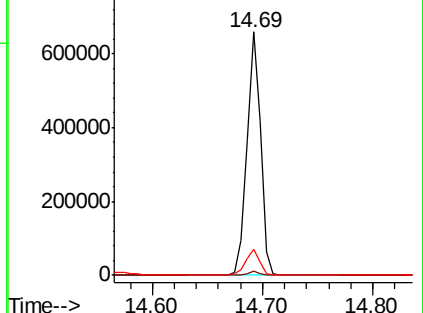
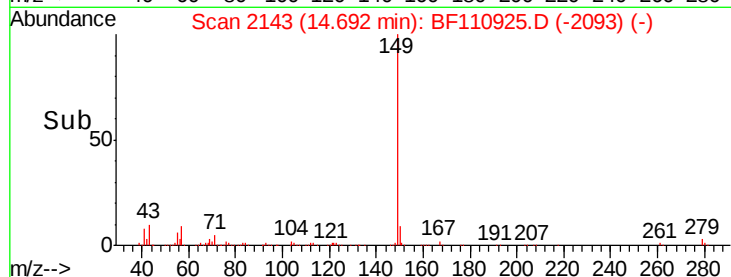
43 10.3 7.8 11.8



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: 60.415 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.03 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

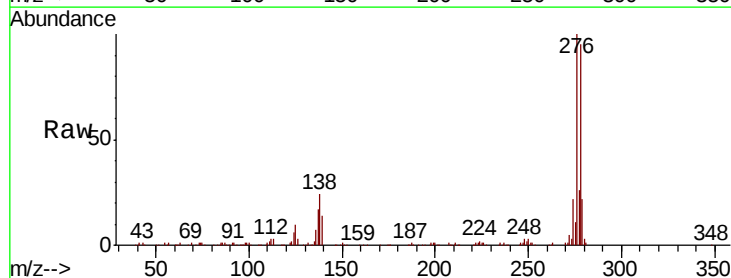
Tgt Ion:276 Resp: 406657

Ion Ratio Lower Upper

276 100

138 24.3 18.5 27.7

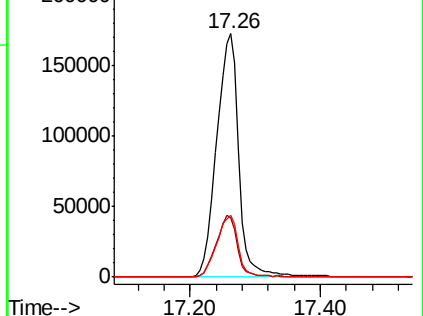
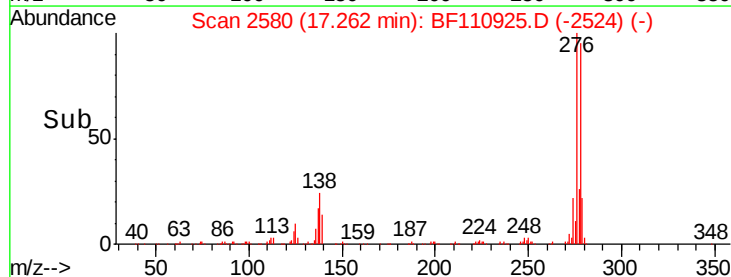
277 25.1 20.0 30.0

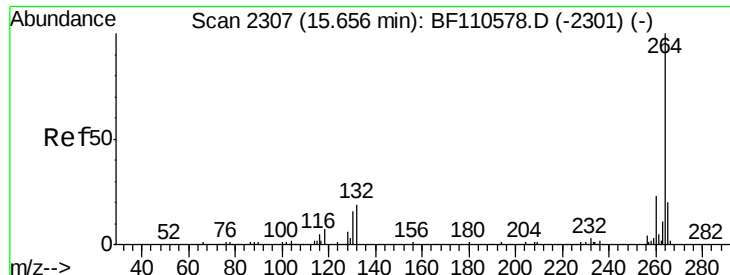


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

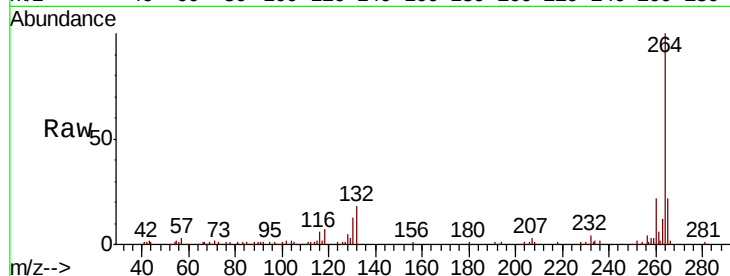




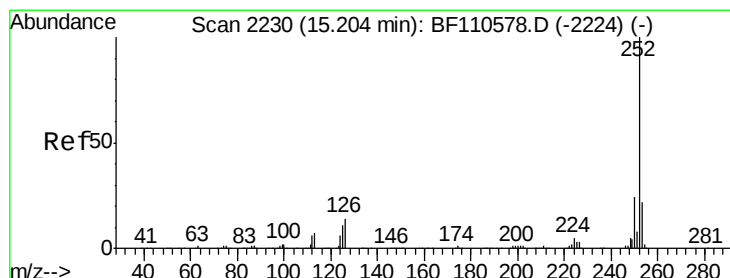
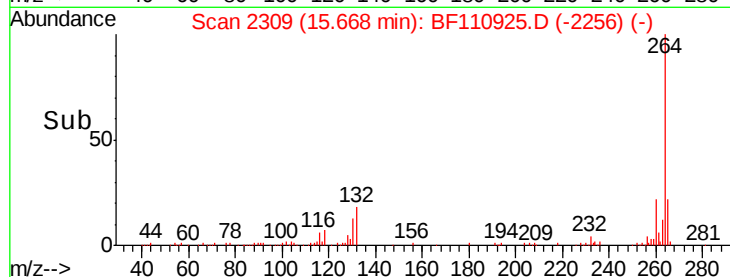
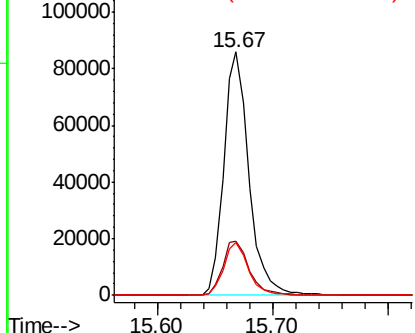
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 129436
Ion Ratio Lower Upper
264 100
260 22.3 18.7 28.1
265 21.6 16.7 25.1

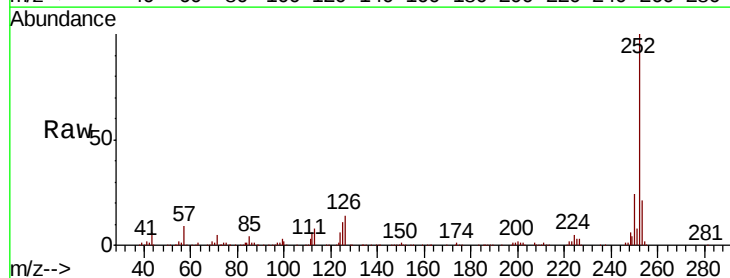


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

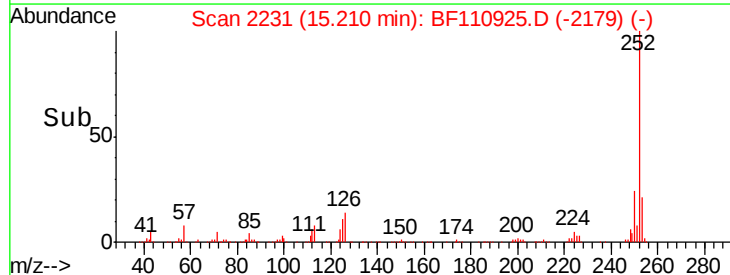
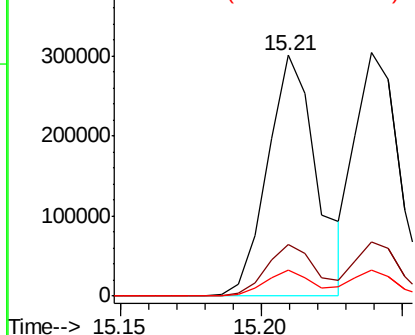


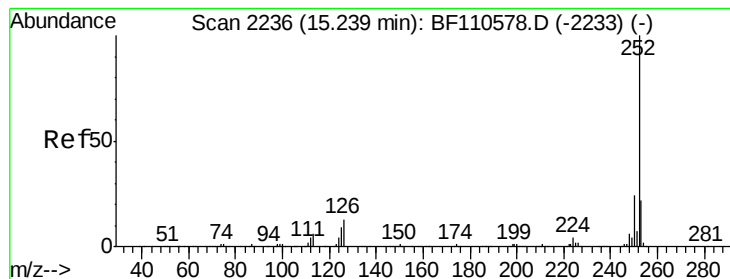
#88
Benzo(b)fluoranthene
Concen: 47.311 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110925.D
Acq: 21 Nov 2018 13:47

Tgt Ion:252 Resp: 366340
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 10.7 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: 43.787 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

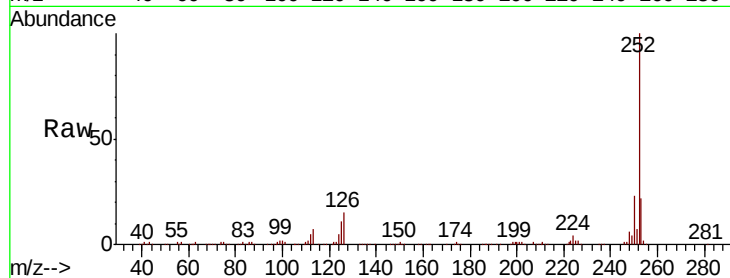
Tot Ion:252 Resp: 335030

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

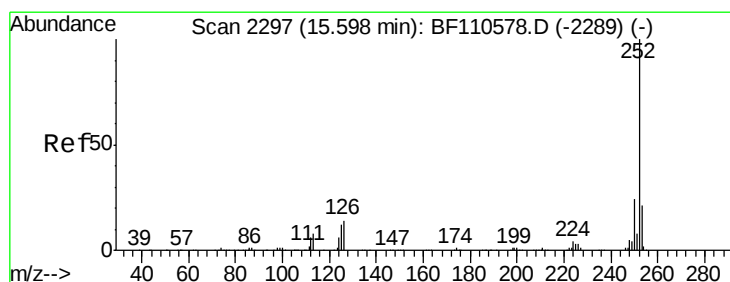
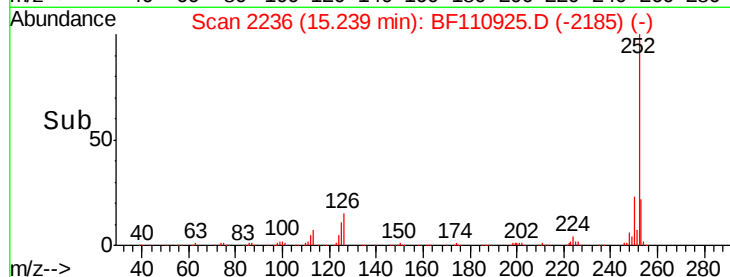
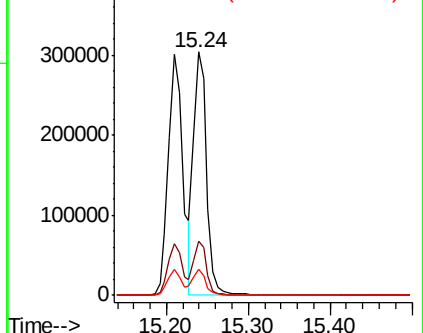
125 10.5 7.4 11.0



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: 48.070 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

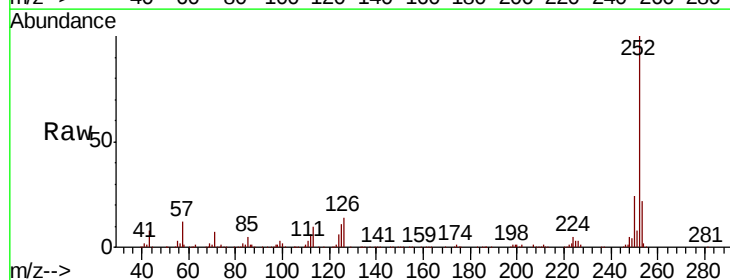
Tgt Ion:252 Resp: 338192

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

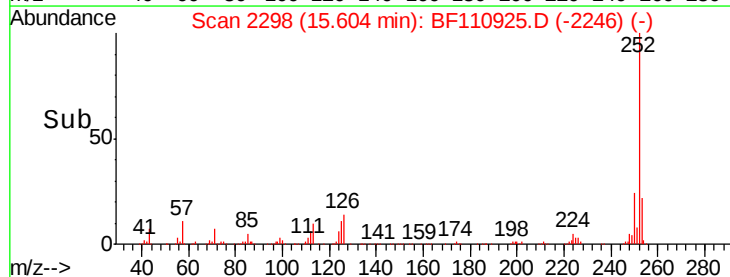
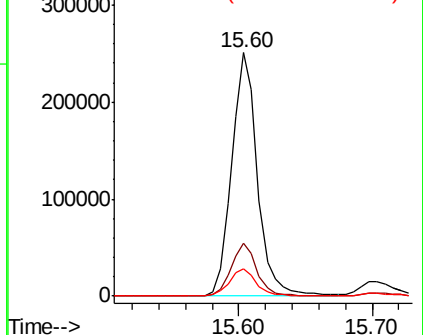
125 11.0 9.0 13.6

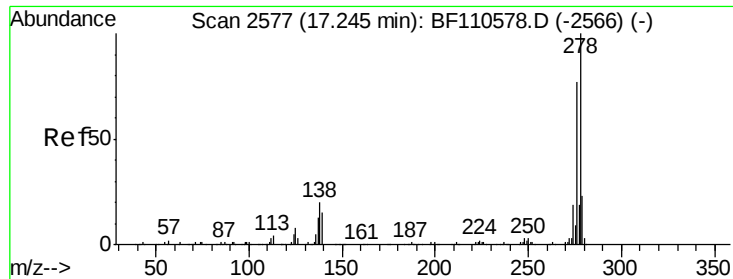


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 56.610 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

Instrument :

BNA_F

ClientSampleId :

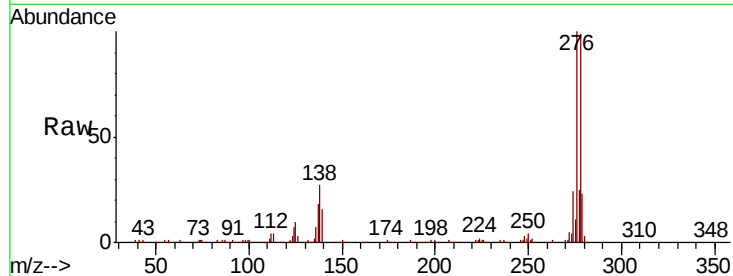
Tot Ion:278 Resp: 337037

Ion Ratio Lower Upper

278 100

139 16.1 12.7 19.1

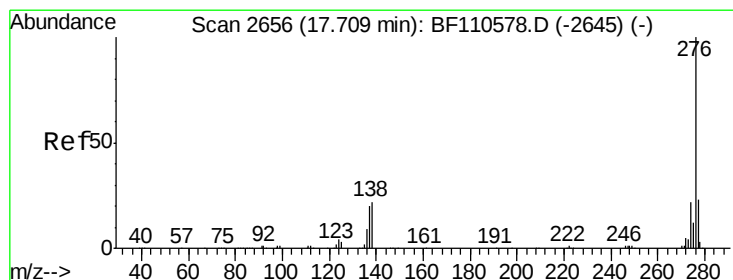
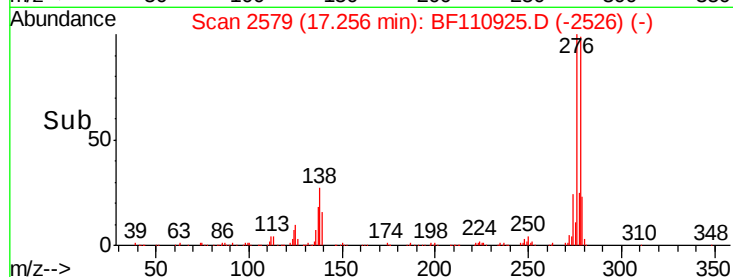
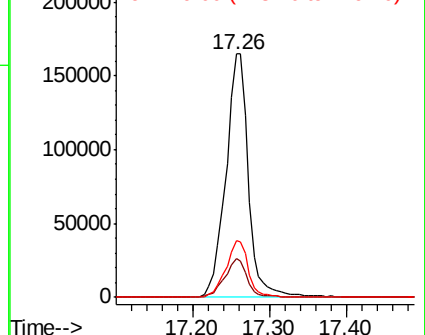
279 23.6 19.0 28.4



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: 57.047 ng

RT: 17.74 min Scan# 2661

Delta R.T. 0.03 min

Lab File: BF110925.D

Acq: 21 Nov 2018 13:47

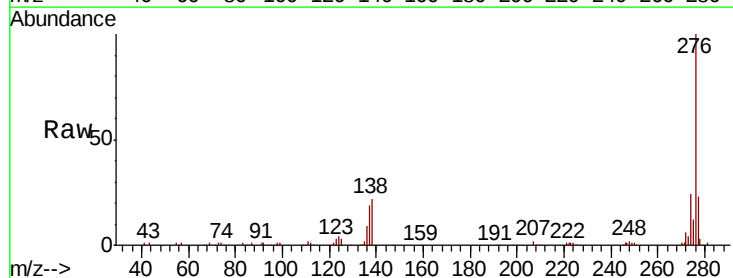
Tgt Ion:276 Resp: 336985

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 21.5 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

