

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110578.D
 Acq On : 8 Nov 2018 12:09
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 13:46:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 13:42:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	82101	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	350006	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	166199	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	311606	20.00	ng	0.00
76) Chrysene-d12	14.14	240	219914	20.00	ng	0.00
87) Perylene-d12	15.66	264	154059	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	419932	83.29	ng	0.00
7) Phenol-d6	6.57	99	521082	80.80	ng	0.00
23) Nitrobenzene-d5	7.52	82	490522	83.13	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	134876	81.93	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	914045	86.36	ng	0.00
79) Terphenyl-d14	13.07	244	910656	86.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	101868	38.565	ng	91
3) Pyridine	3.57	79	234320	39.828	ng	87
4) n-Nitrosodimethylamine	3.53	42	98812	40.088	ng	# 89
6) Aniline	6.62	93	335522	39.941	ng	# 53
8) 2-Chlorophenol	6.73	128	239207	41.153	ng	98
9) Benzaldehyde	6.50	77	142404	36.373	ng	96
10) Phenol	6.59	94	304457	44.168	ng	# 67
11) bis(2-Chloroethyl)ether	6.68	93	225290	39.726	ng	95
12) 1,3-Dichlorobenzene	6.89	146	262714	41.070	ng	99
13) 1,4-Dichlorobenzene	6.96	146	262862	40.631	ng	97
14) 1,2-Dichlorobenzene	7.12	146	243611	40.563	ng	98
15) Benzyl Alcohol	7.09	79	206928	41.721	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	355738	39.232	ng	69
17) 2-Methylphenol	7.20	107	188838	40.764	ng	# 82
18) Hexachloroethane	7.46	117	98249	41.481	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	164792	39.833	ng	96
20) 3+4-Methylphenols	7.35	107	242460	40.491	ng	94
22) Acetophenone	7.36	105	328959	40.789	ng	# 94
24) Nitrobenzene	7.53	77	250682	41.147	ng	98
25) Isophorone	7.77	82	394665	39.236	ng	96
26) 2-Nitrophenol	7.85	139	129015	44.501	ng	99
27) 2,4-Dimethylphenol	7.87	122	190475	39.628	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	270540	39.591	ng	98
29) 2,4-Dichlorophenol	8.09	162	199133	41.007	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	222603	40.924	ng	94
31) Naphthalene	8.25	128	656254	40.682	ng	100
32) Benzoic acid	8.01	122	145365	39.130	ng	92
33) 4-Chloroaniline	8.30	127	289155	39.828	ng	98
34) Hexachlorobutadiene	8.36	225	125422	41.528	ng	99
35) Caprolactam	8.69	113	65661	38.794	ng	90
36) 4-Chloro-3-methylphenol	8.78	107	213141	40.589	ng	97
37) 2-Methylnaphthalene	8.95	142	430868	40.370	ng	98
38) 1-Methylnaphthalene	9.05	142	413009	40.043	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	210982	40.743	ng	98

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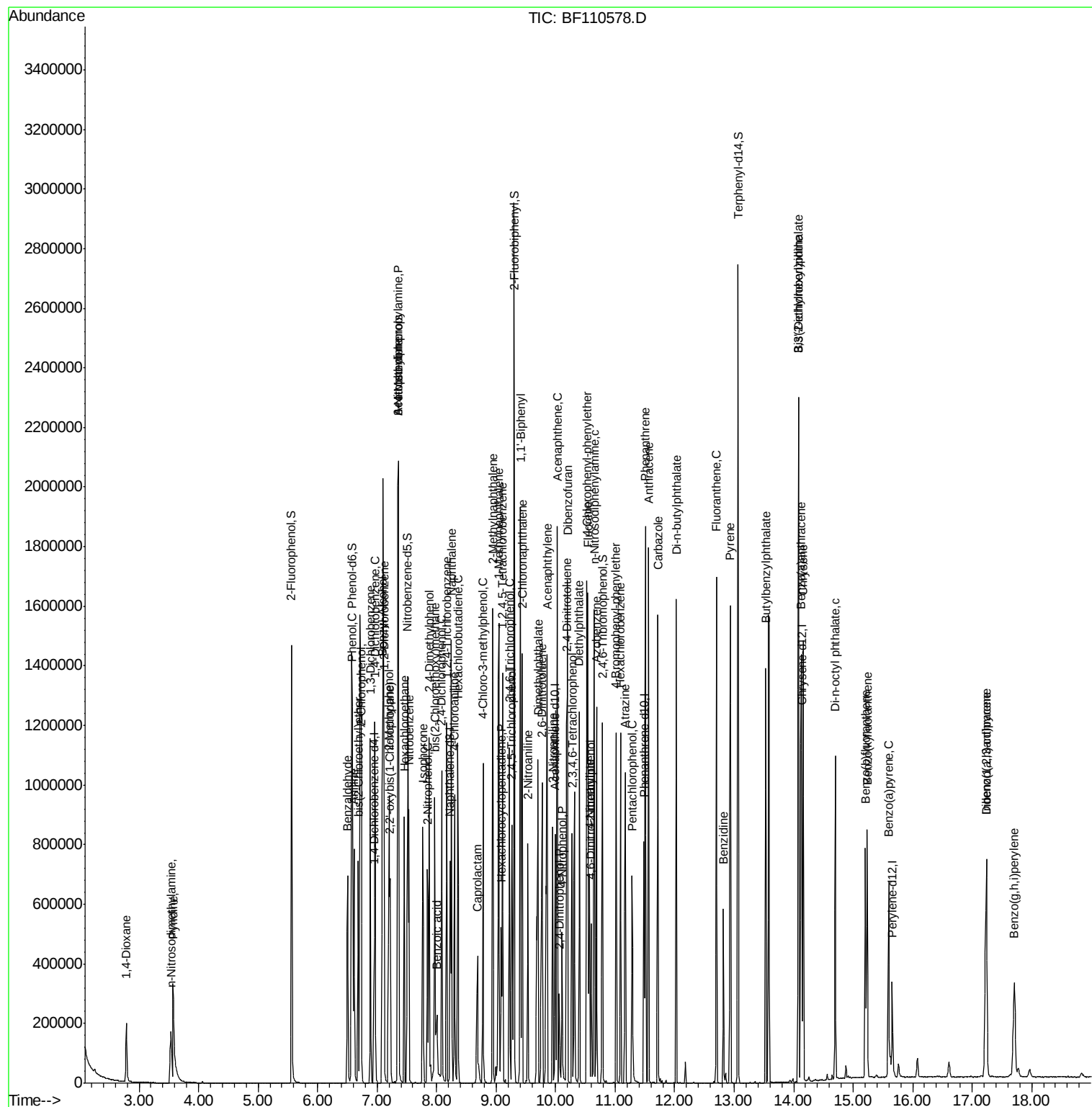
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	71886	27.148	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	135433	40.548	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	143426	40.625	ng	94
46) 1,1'-Biphenyl	9.41	154	618277	41.138	ng	99
47) 2-Chloronaphthalene	9.44	162	441679	40.063	ng	99
48) 2-Nitroaniline	9.53	65	139715	41.821	ng	97
49) Acenaphthylene	9.86	152	644338	40.465	ng	100
50) Dimethylphthalate	9.70	163	490485	39.980	ng	99
51) 2,6-Dinitrotoluene	9.77	165	110125	41.672	ng	99
52) Acenaphthene	10.03	154	401894	38.152	ng	98
53) 3-Nitroaniline	9.95	138	126084	40.121	ng	92
54) 2,4-Dinitrophenol	10.06	184	41206	44.381	ng	90
55) Dibenzofuran	10.20	168	589271	39.955	ng	97
56) 4-Nitrophenol	10.11	139	87900	37.792	ng	91
57) 2,4-Dinitrotoluene	10.19	165	143478	42.744	ng	92
58) Fluorene	10.54	166	450518	41.044	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	111214	38.647	ng	97
60) Diethylphthalate	10.40	149	480176	40.095	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	234931	40.572	ng	98
62) 4-Nitroaniline	10.57	138	128118	40.989	ng	94
63) Azobenzene	10.69	77	478229	40.230	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	64550	45.341	ng	87
66) n-Nitrosodiphenylamine	10.65	169	416172	40.719	ng	96
67) 4-Bromophenyl-phenylether	11.02	248	136282	40.320	ng	98
68) Hexachlorobenzene	11.09	284	143579	40.035	ng	# 90
69) Atrazine	11.17	200	127448	39.458	ng	99
70) Pentachlorophenol	11.29	266	80130	38.318	ng	96
71) Phenanthrene	11.51	178	648511	39.775	ng	100
72) Anthracene	11.56	178	662554	40.541	ng	99
73) Carbazole	11.72	167	641275	40.188	ng	99
74) Di-n-butylphthalate	12.03	149	759511	42.144	ng	98
75) Fluoranthene	12.70	202	655922	39.639	ng	99
77) Benzidine	12.82	184	233261	31.158	ng	98
78) Pyrene	12.93	202	674879	42.806	ng	98
80) Butylbenzylphthalate	13.53	149	298493	43.620	ng	97
81) Benzo(a)anthracene	14.13	228	522935	40.098	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	172456	37.976	ng	99
83) Chrysene	14.16	228	483480	39.032	ng	100
84) Bis(2-ethylhexyl)phthalate	14.08	149	358545	38.760	ng	99
85) Di-n-octyl phthalate	14.70	149	511534	35.563	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	350183	34.078	ng	97
88) Benzo(b)fluoranthene	15.20	252	378660	42.564	ng	99
89) Benzo(k)fluoranthene	15.24	252	350562	40.083	ng	99
90) Benzo(a)pyrene	15.60	252	332858	40.661	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	291195	41.226	ng	98
92) Benzo(g,h,i)perylene	17.71	276	290169	41.689	ng	98

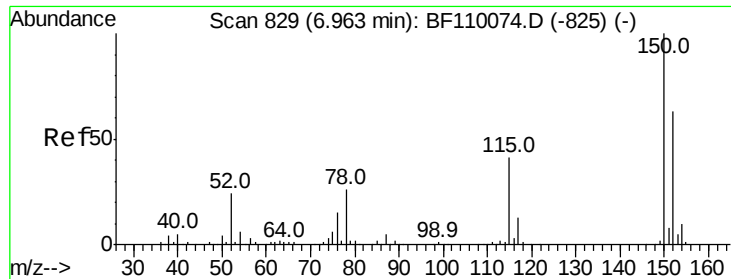
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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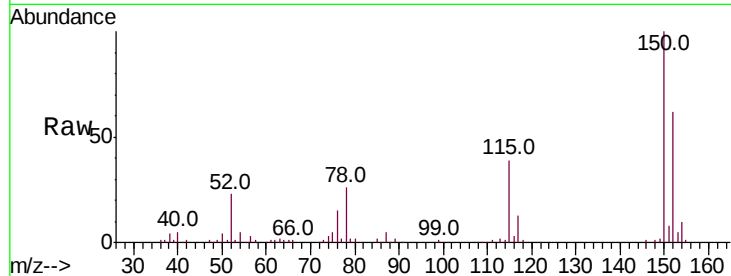


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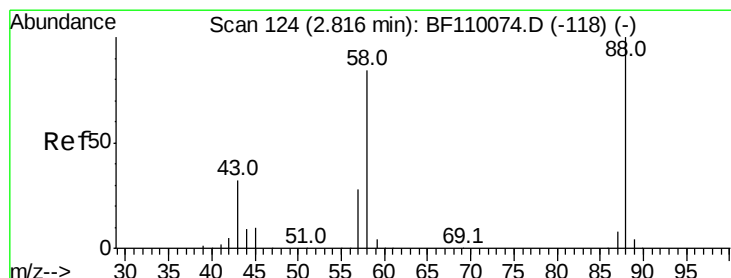
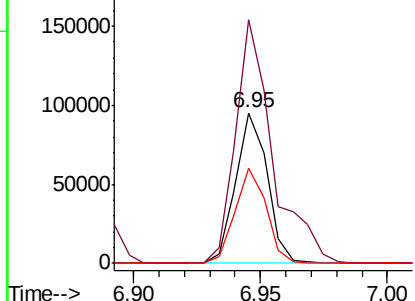
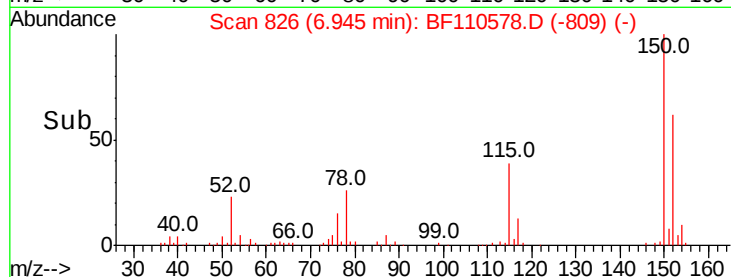
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82101
Ion Ratio Lower Upper
152 100
150 161.8 122.7 184.1
115 63.3 49.1 73.7



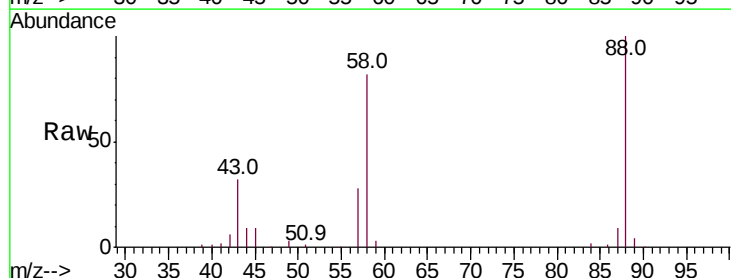
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



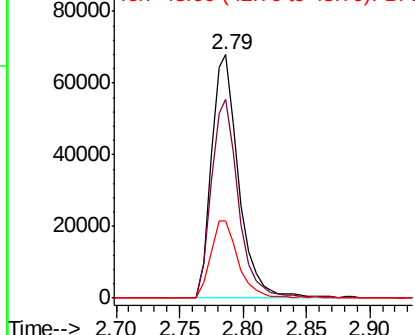
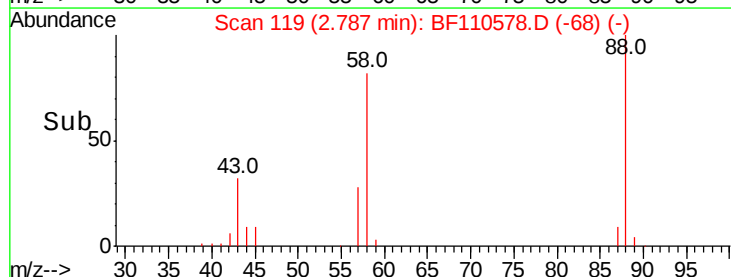
#2

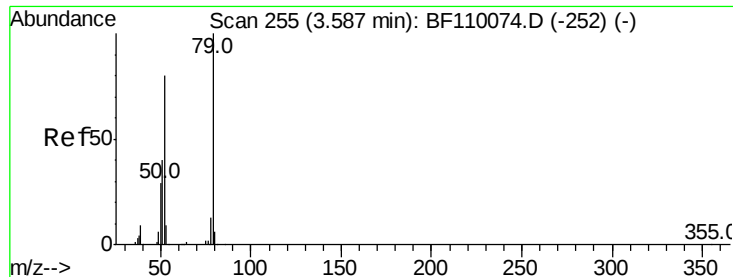
1,4-Dioxane
Concen: 38.565 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion: 88 Resp: 101868
Ion Ratio Lower Upper
88 100
58 81.2 57.1 85.7
43 32.1 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: 39.828 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampleId :

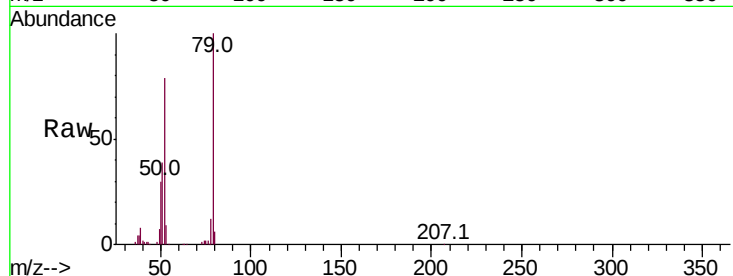
Tot Ion: 79 Resp: 234320

Ion Ratio Lower Upper

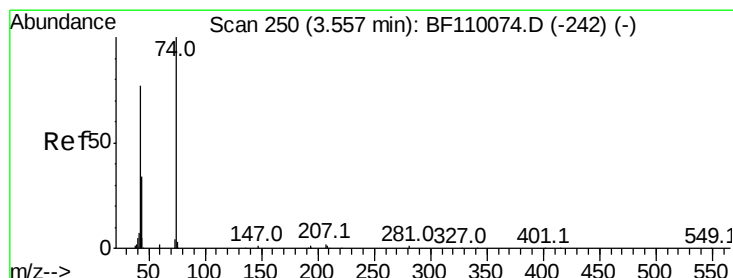
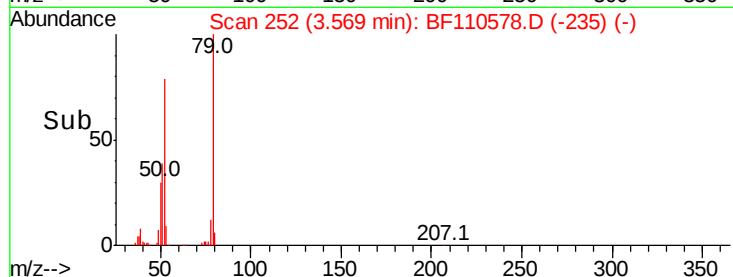
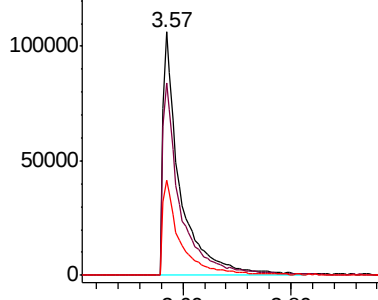
79 100

52 79.2 53.1 79.7

51 39.0 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.088 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

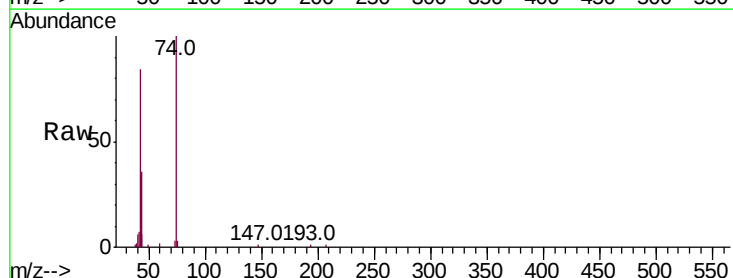
Tgt Ion: 42 Resp: 98812

Ion Ratio Lower Upper

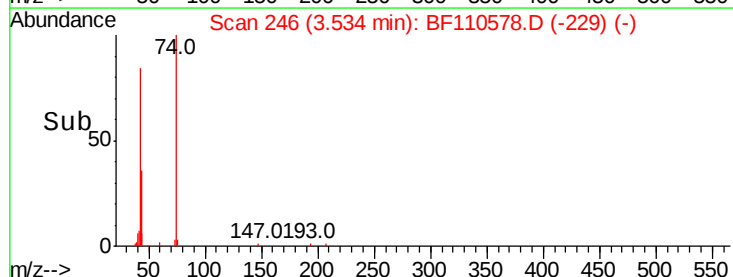
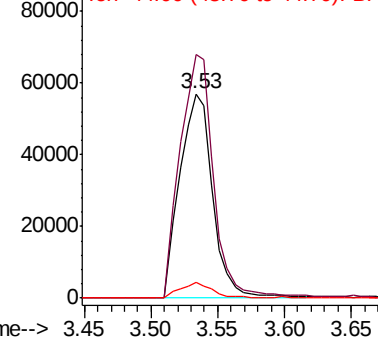
42 100

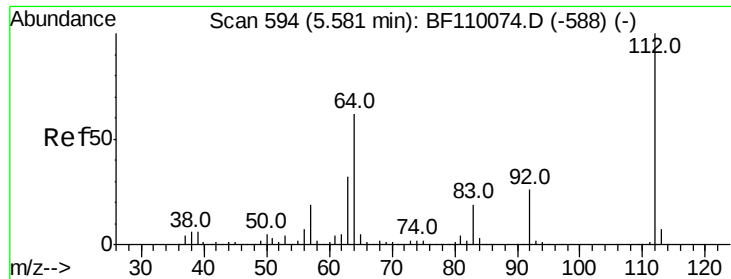
74 119.0 105.5 158.3

44 7.5 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.292 ng

RT: 5.56 min Scan# 591

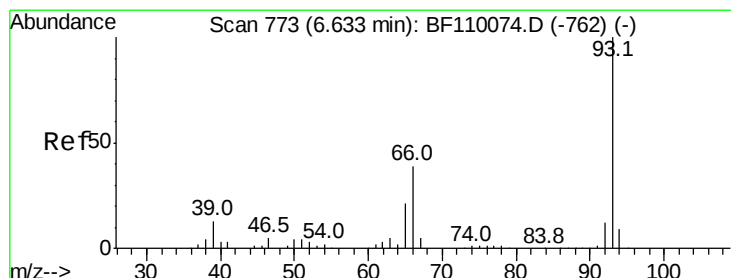
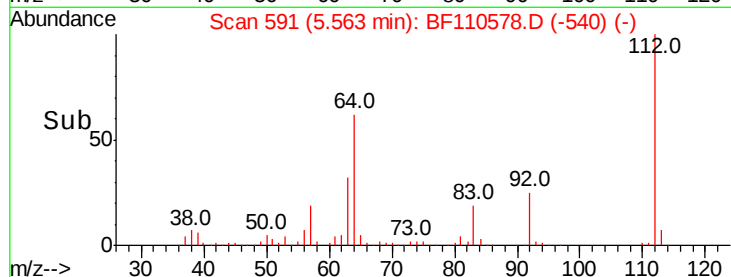
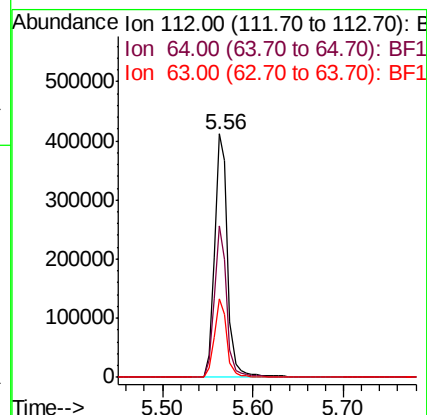
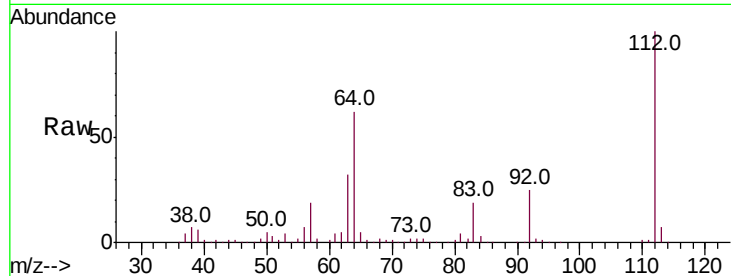
Delta R.T. 0.00 min

Lab File: BF110578.D

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Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	419932
Ion	Ratio	Lower	Upper
112	100		
64	62.2	44.1	66.1
63	32.1	23.7	35.5



#6

Aniline

Concen: 39.941 ng

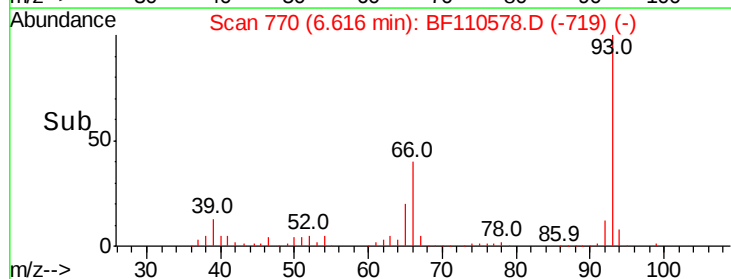
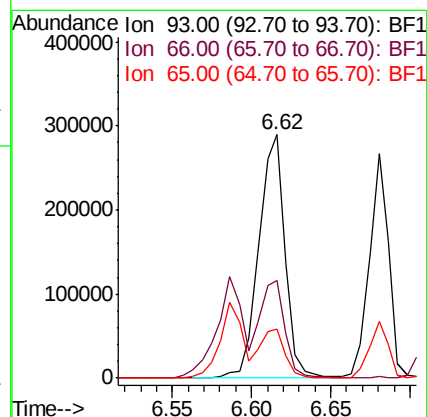
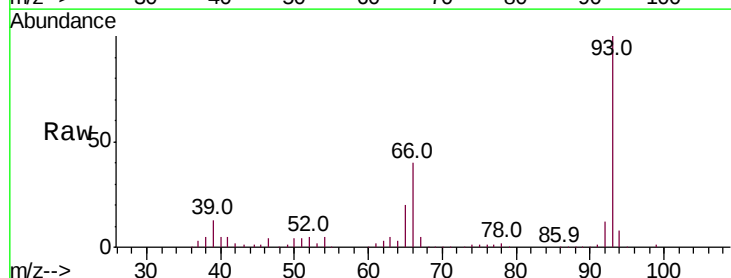
RT: 6.62 min Scan# 770

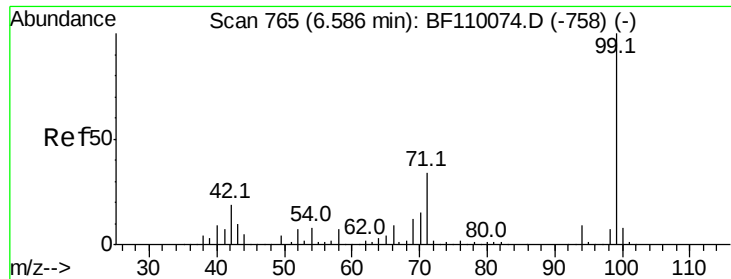
Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Tgt Ion:	93	Resp:	335522
Ion	Ratio	Lower	Upper
93	100		
66	39.9	67.4	101.0#
65	20.2	41.0	61.4#





#7

Phenol-d6

Concen: 80.805 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampleId :

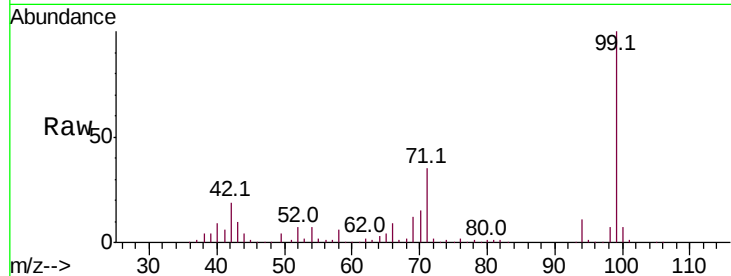
Tot Ion: 99 Resp: 521082

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

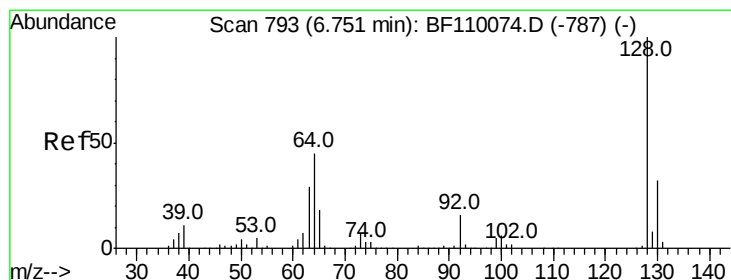
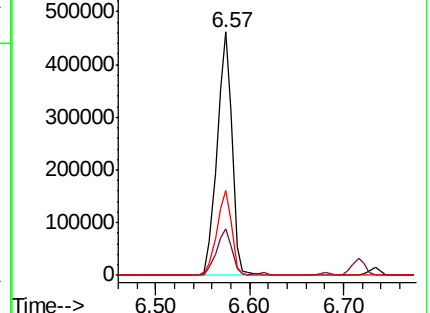
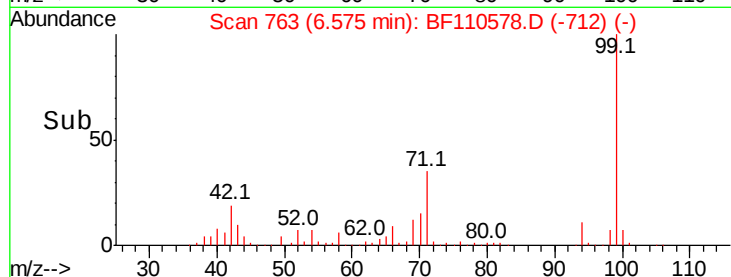
71 34.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.153 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

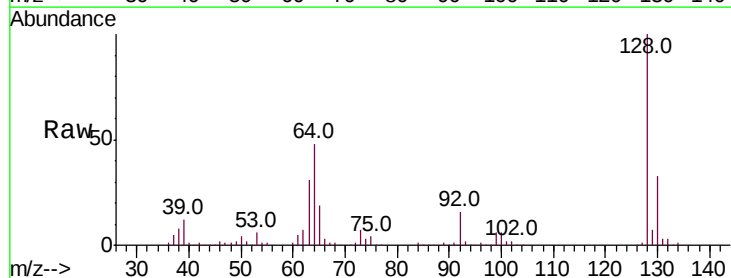
Tgt Ion: 128 Resp: 239207

Ion Ratio Lower Upper

128 100

130 32.9 13.1 53.1

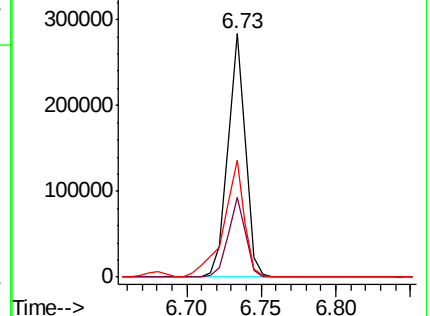
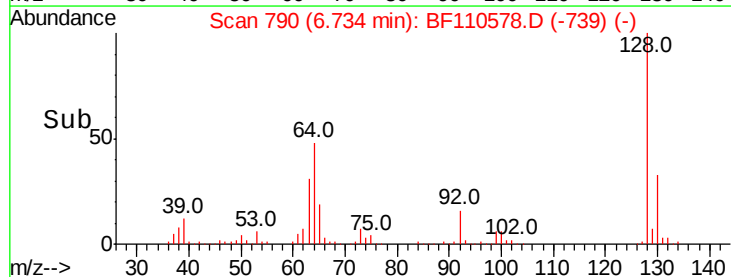
64 47.9 26.0 66.0

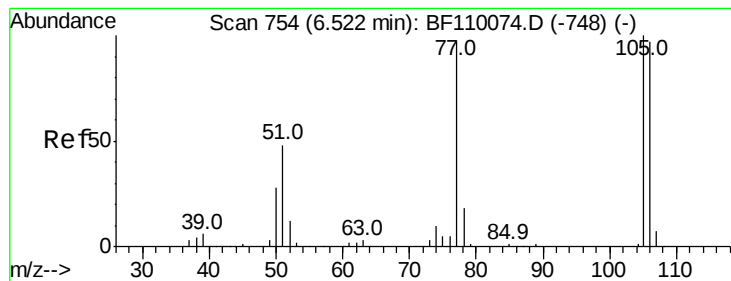


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.373 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

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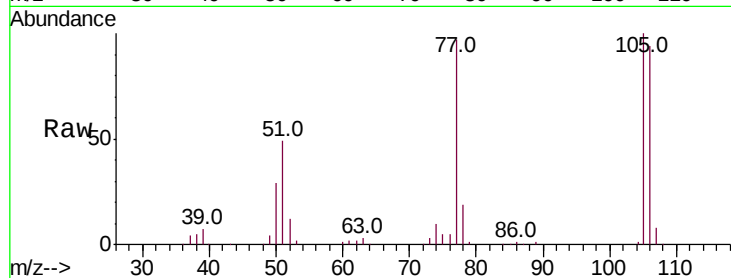
Tot Ion: 77 Resp: 142404

Ion Ratio Lower Upper

77 100

105 103.5 78.6 118.6

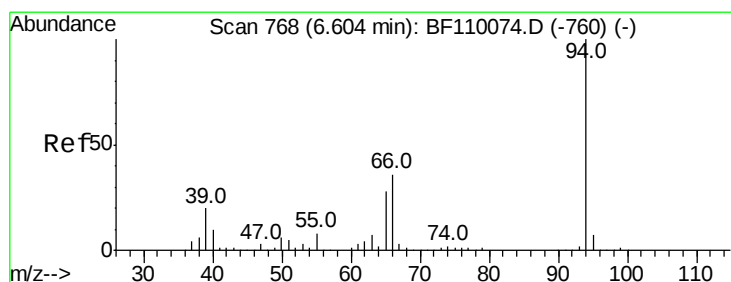
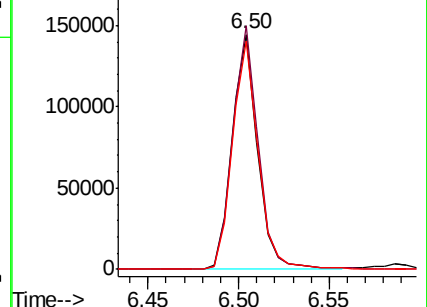
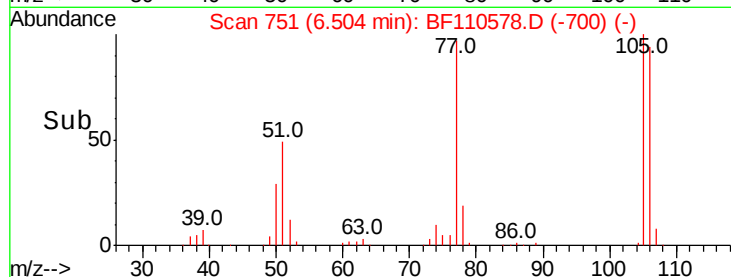
106 96.8 74.8 114.8



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: 44.168 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

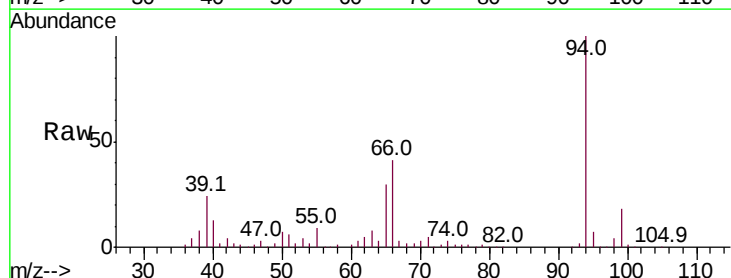
Tgt Ion: 94 Resp: 304457

Ion Ratio Lower Upper

94 100

65 30.4 25.3 65.3

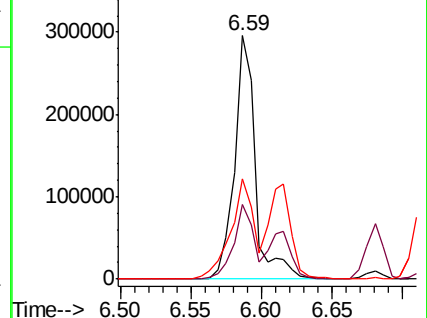
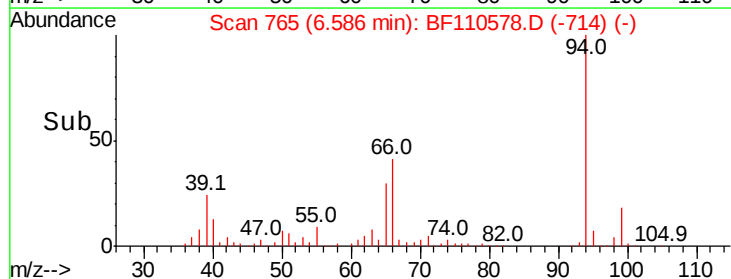
66 41.0 54.5 94.5#

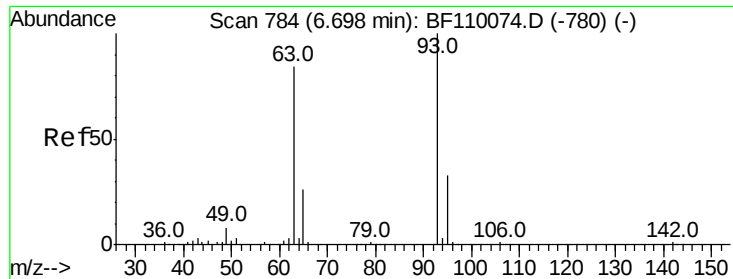


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

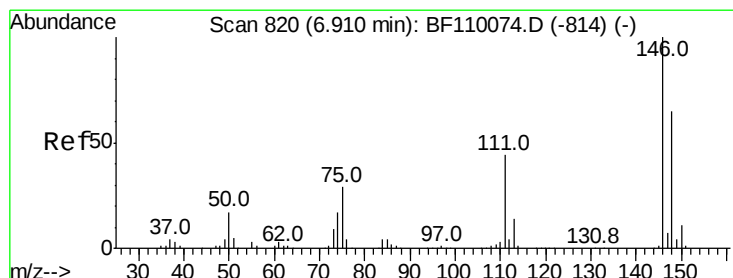
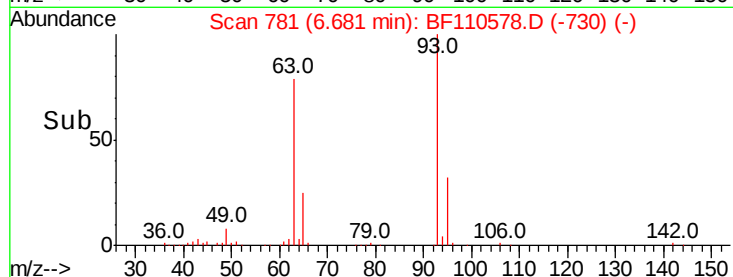
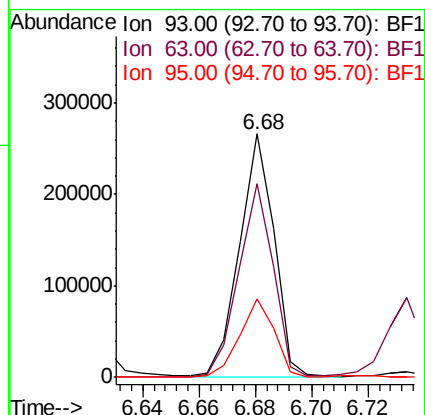
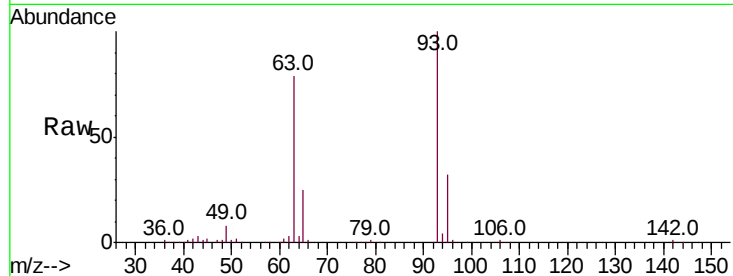




#11
bis(2-Chloroethyl)ether
Concen: 39.726 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

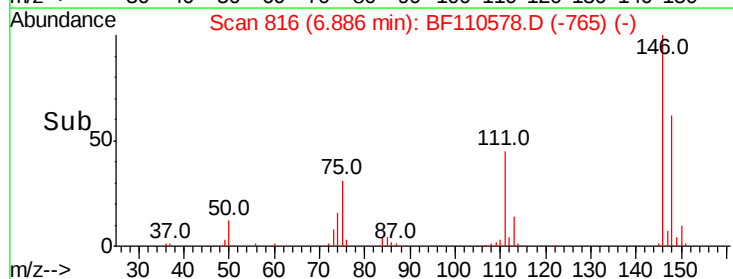
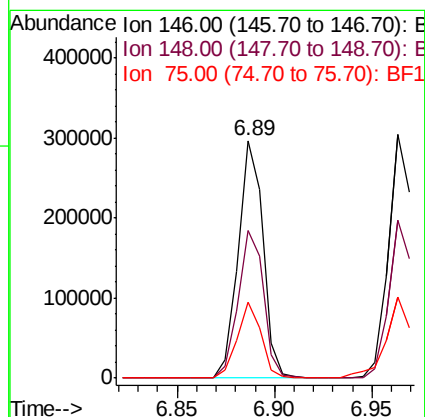
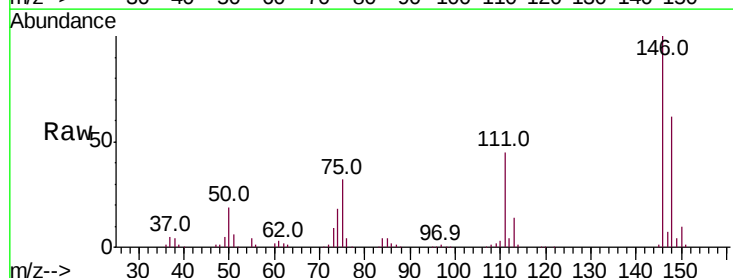
Instrument :
BNA_F
ClientSampleId :

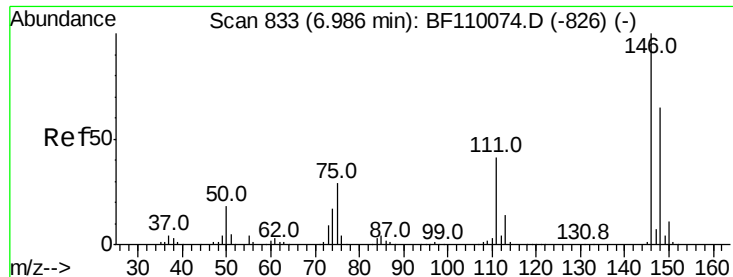
Tot Ion: 93 Resp: 225290
Ion Ratio Lower Upper
93 100
63 79.4 53.4 93.4
95 32.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.070 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion: 146 Resp: 262714
Ion Ratio Lower Upper
146 100
148 62.3 50.4 75.6
75 31.7 25.8 38.6

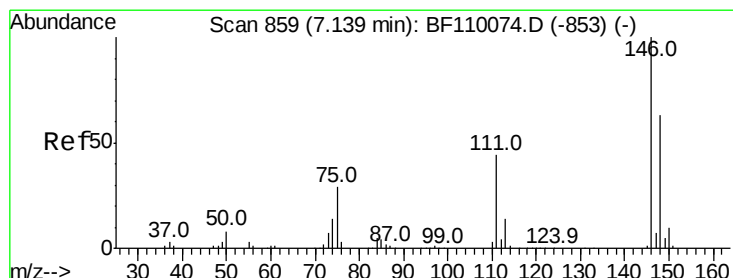
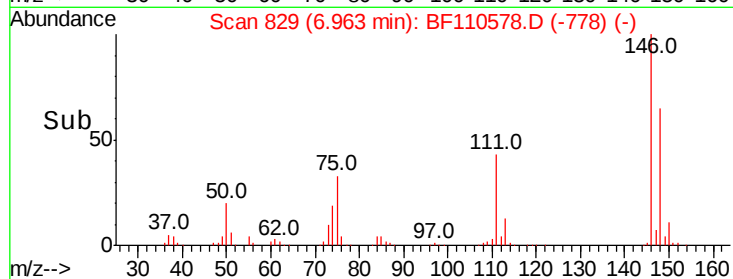
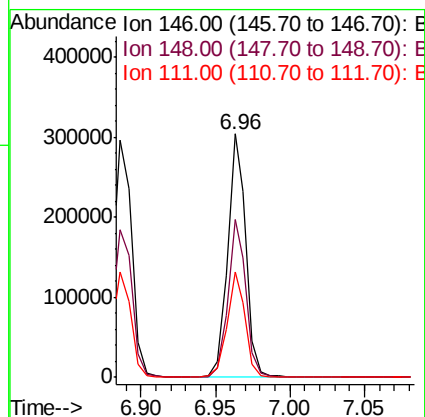
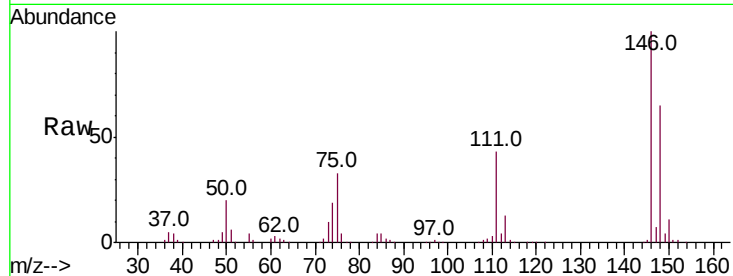




#13
 1,4-Dichlorobenzene
 Concen: 40.631 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

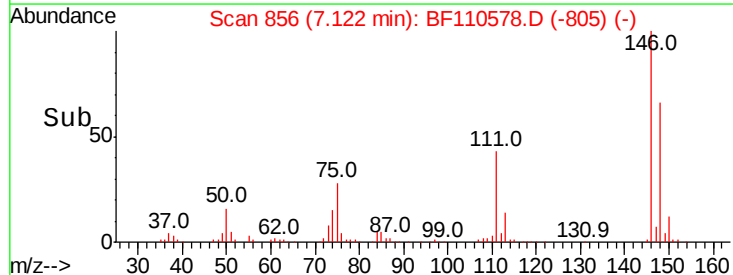
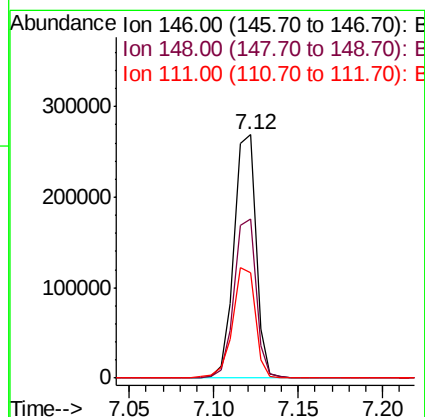
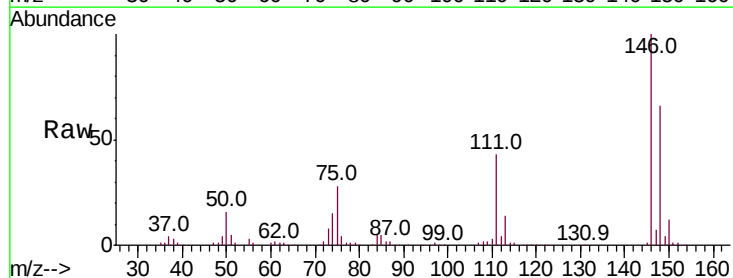
Instrument :
 BNA_F
 ClientSampleId :

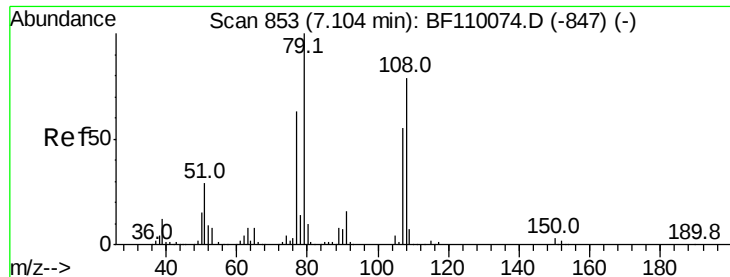
Tot Ion:146 Resp: 262862
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.3 75.5
 111 43.3 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.563 ng
 RT: 7.12 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Tgt Ion:146 Resp: 243611
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.1 76.7
 111 43.1 35.8 53.6





#15

Benzyl Alcohol

Concen: 41.721 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampled :

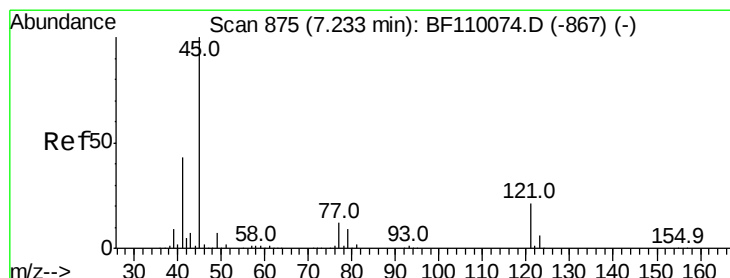
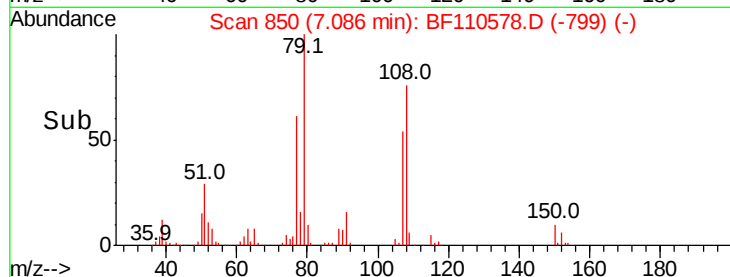
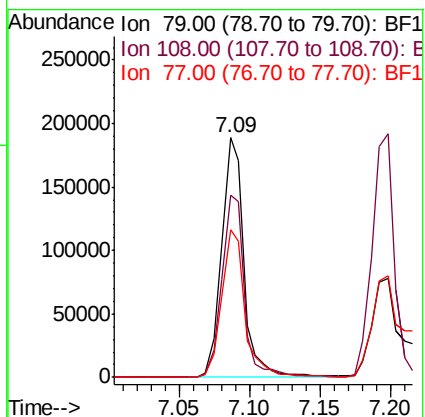
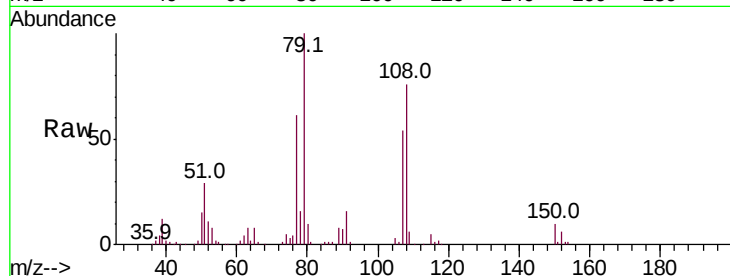
Tot Ion: 79 Resp: 206928

Ion Ratio Lower Upper

79 100

108 76.2 56.3 84.5

77 61.5 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.232 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

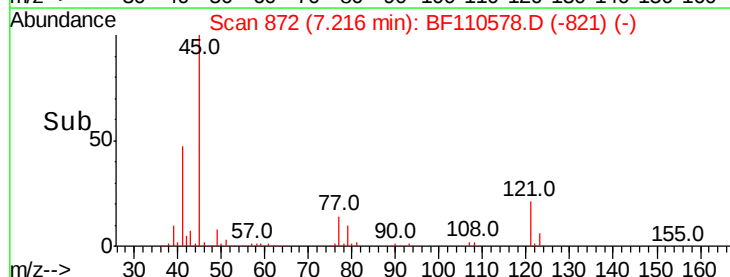
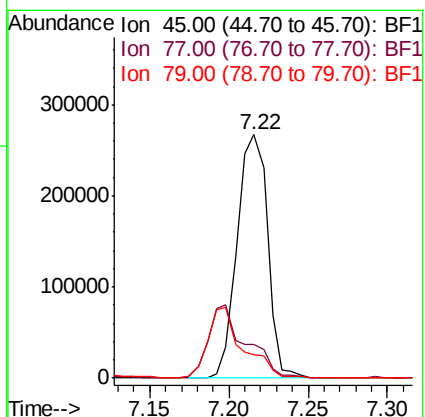
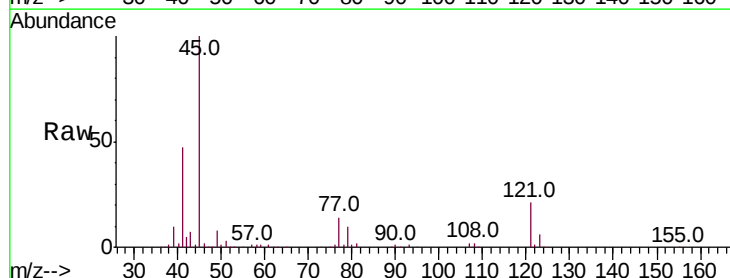
Tgt Ion: 45 Resp: 355738

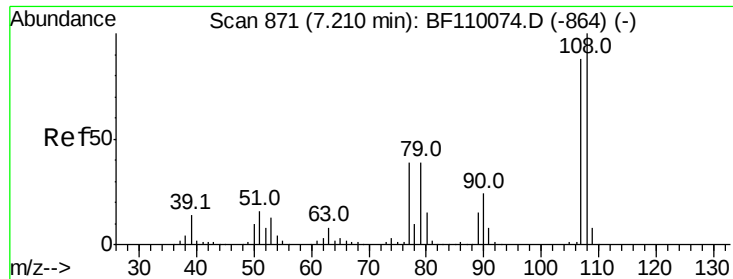
Ion Ratio Lower Upper

45 100

77 13.7 10.0 50.0

79 9.9 6.1 46.1





#17

2-Methylphenol

Concen: 40.764 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 188838

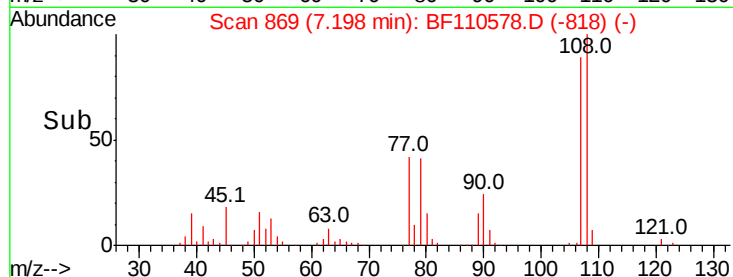
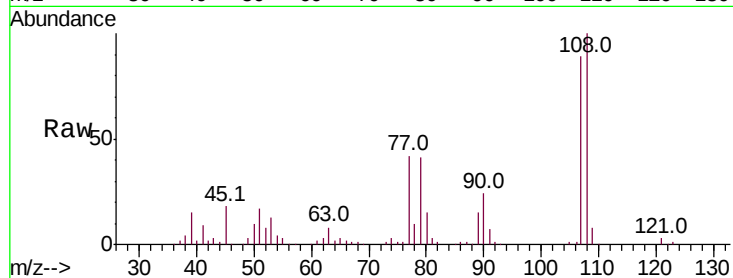
Ion Ratio Lower Upper

107 100

108 112.3 92.6 138.8

77 47.1 59.4 89.2#

79 45.5 54.0 81.0#

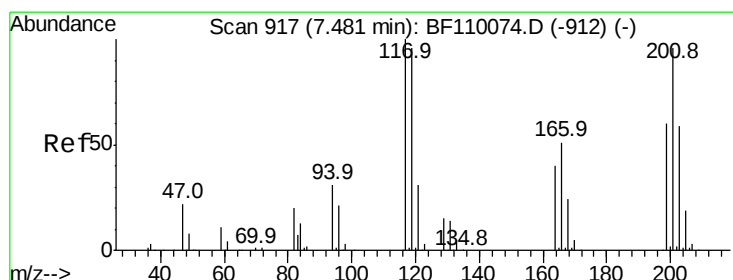
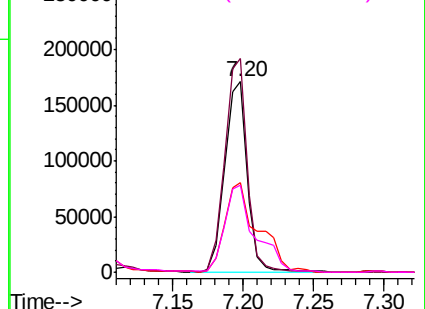


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.481 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

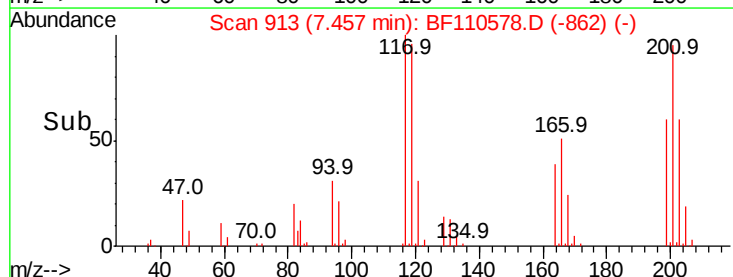
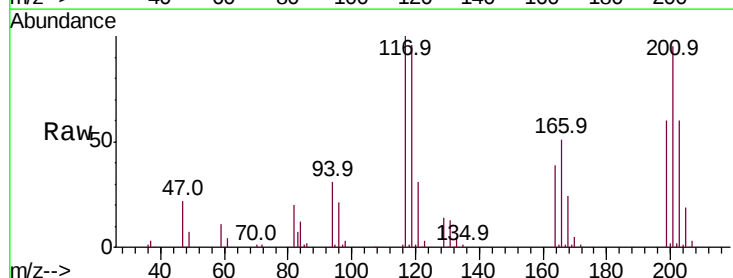
Tgt Ion:117 Resp: 98249

Ion Ratio Lower Upper

117 100

119 95.5 75.0 112.6

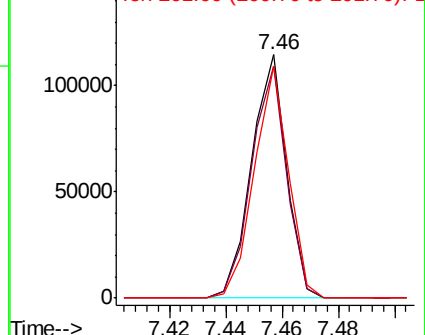
201 95.2 79.2 118.8

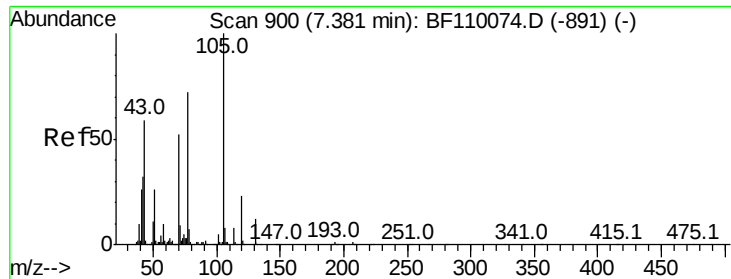


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

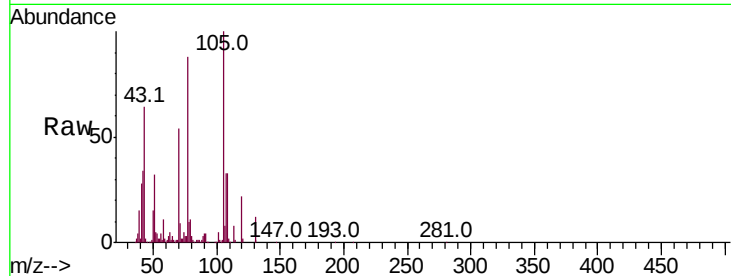




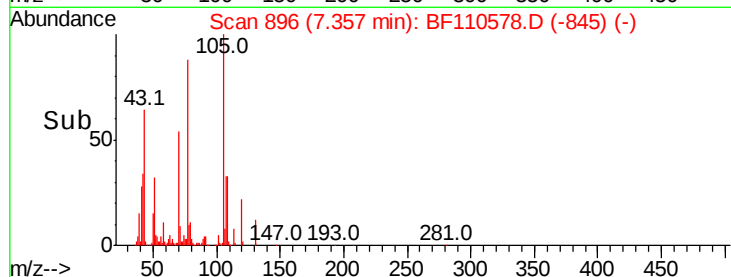
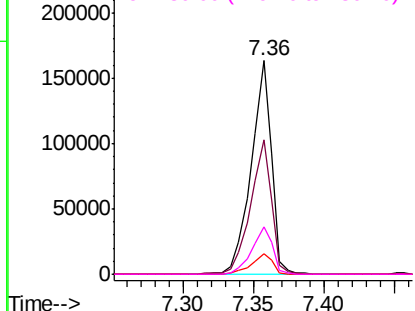
#19
n-Nitroso-di-n-propylamine
Concen: 39.833 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 164792
Ion Ratio Lower Upper
70 100
42 62.8 47.4 71.2
101 9.8 7.3 10.9
130 22.2 16.2 24.2



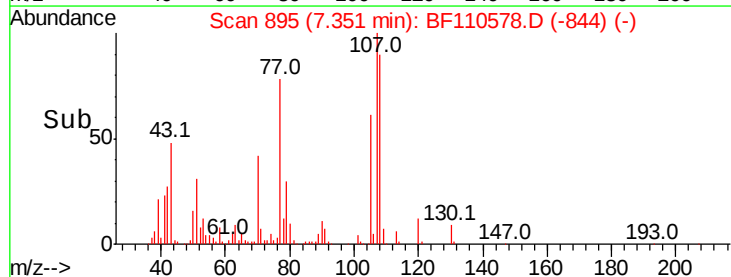
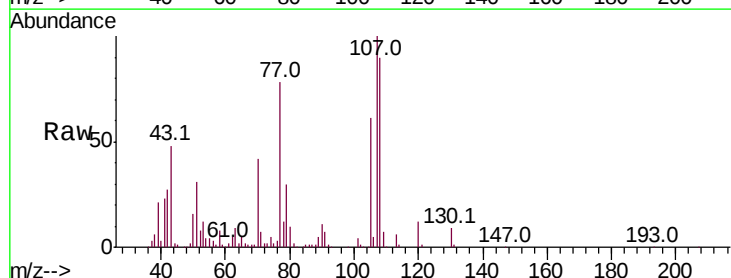
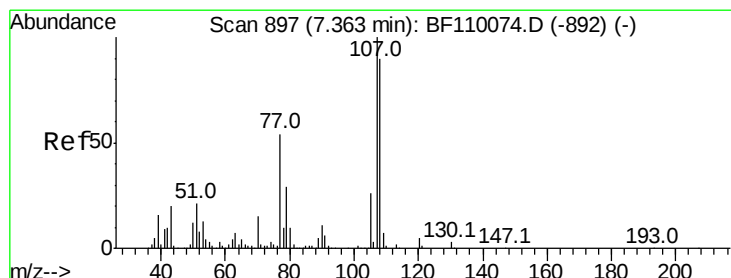
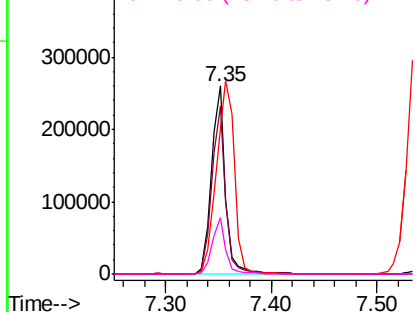
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

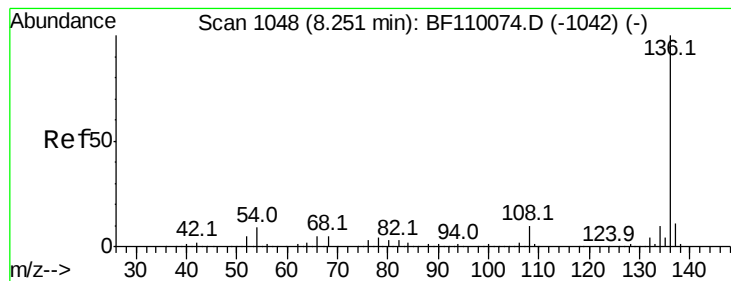


#20
3+4-Methylphenols
Concen: 40.491 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:107 Resp: 242460
Ion Ratio Lower Upper
107 100
108 89.6 71.4 111.4
77 77.9 47.3 87.3
79 29.8 10.9 50.9

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 350006

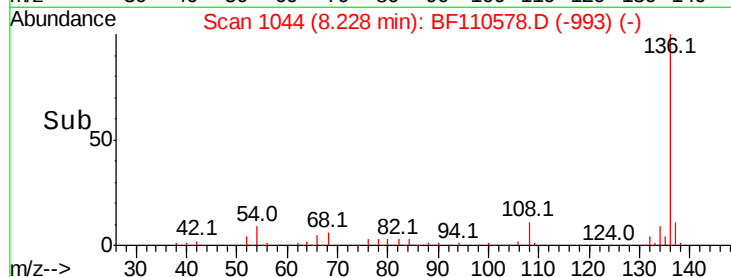
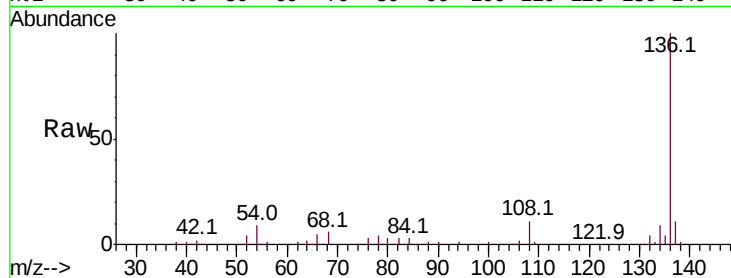
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.5 5.4 8.2#

68 5.5 4.2 6.2

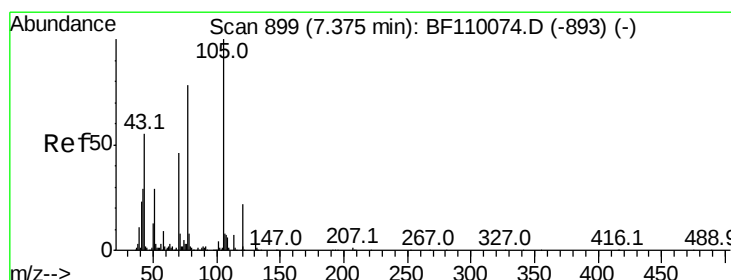
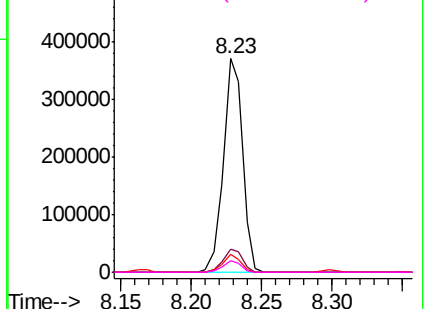


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.789 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Tgt Ion:105 Resp: 328959

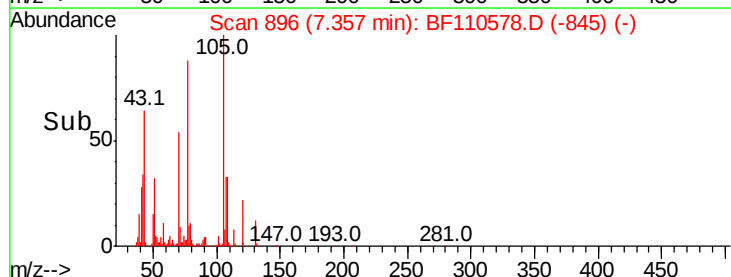
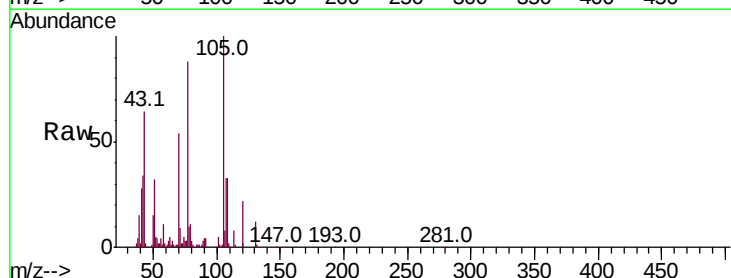
Ion Ratio Lower Upper

105 100

71 9.1 5.2 7.8#

51 32.3 21.8 32.8

120 21.9 17.0 25.4

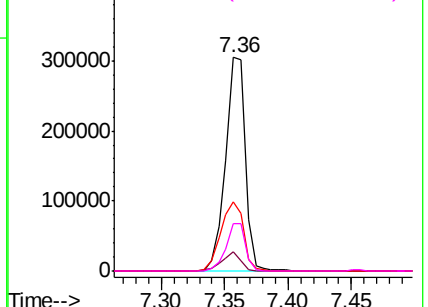


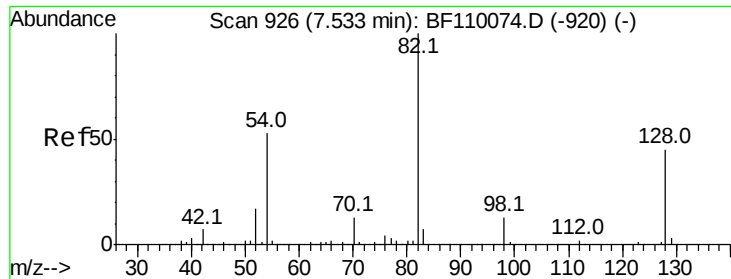
Abundance Ion 105.00 (104.70 to 105.70): E

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

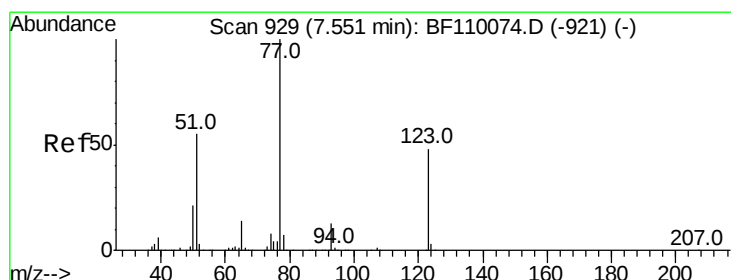
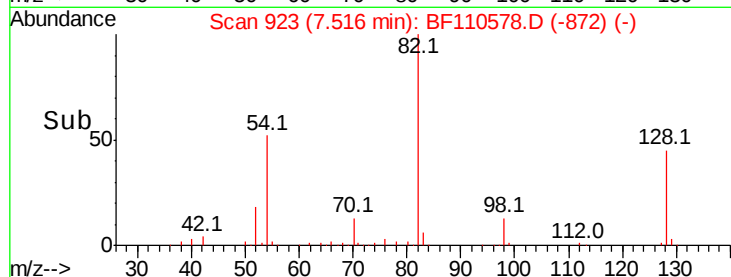
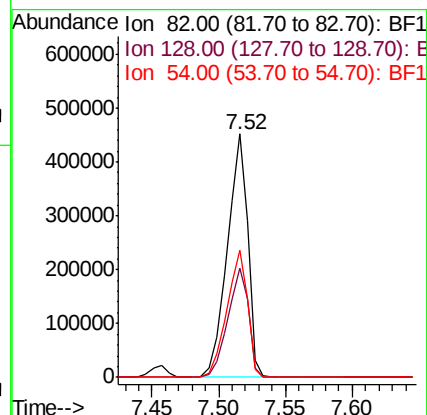
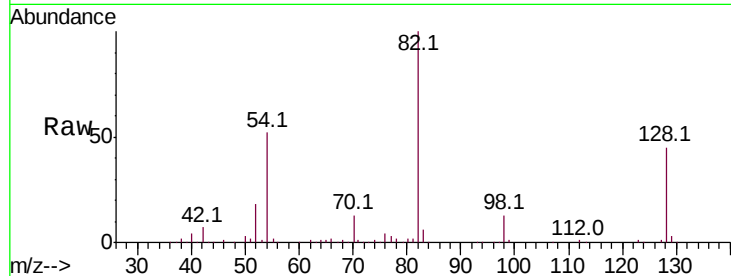




#23
 Nitrobenzene-d5
 Concen: 83.126 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

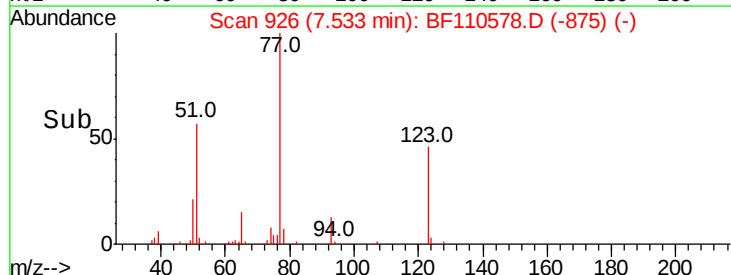
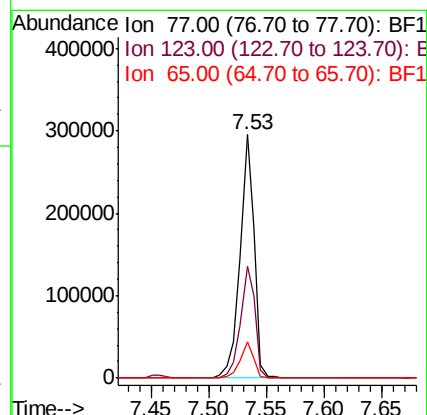
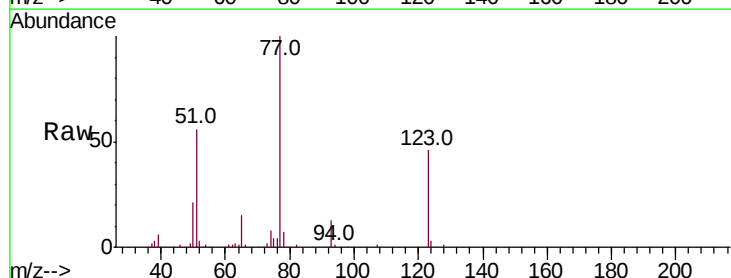
Instrument :
 BNA_F
 ClientSampled :

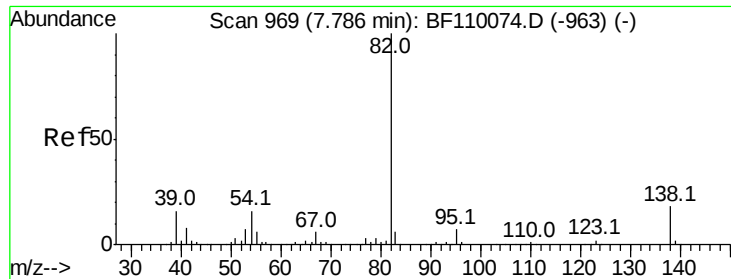
Tot Ion: 82 Resp: 490522
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.2 51.2
 54 52.2 38.6 58.0



#24
 Nitrobenzene
 Concen: 41.147 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Tgt Ion: 77 Resp: 250682
 Ion Ratio Lower Upper
 77 100
 123 45.9 35.7 53.5
 65 14.7 10.7 16.1





#25

Isophorone

Concen: 39.236 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampled :

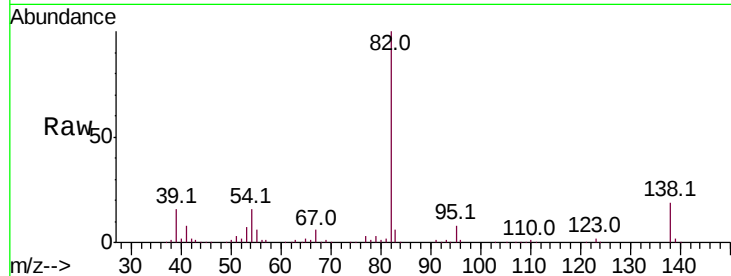
Tot Ion: 82 Resp: 394665

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

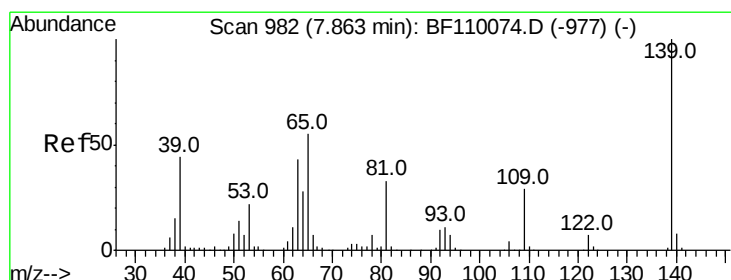
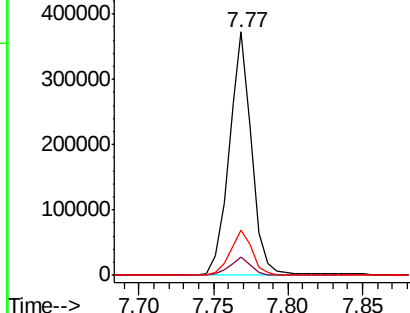
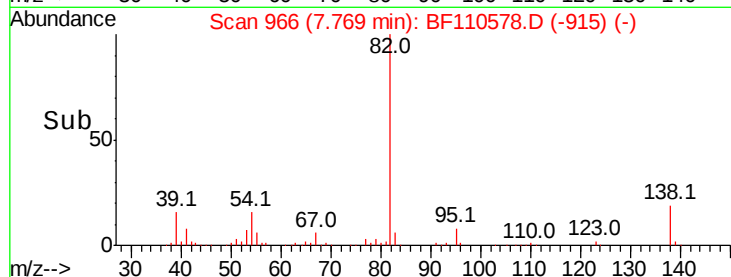
138 18.8 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.501 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

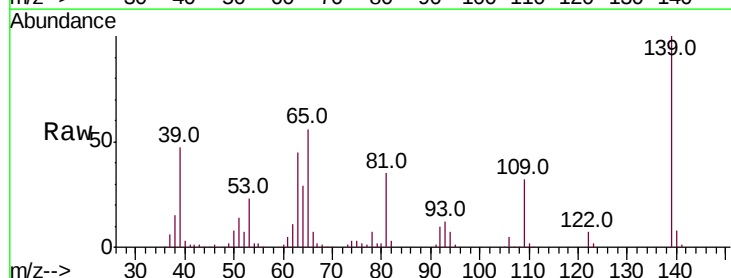
Tgt Ion: 139 Resp: 129015

Ion Ratio Lower Upper

139 100

109 31.7 25.0 37.6

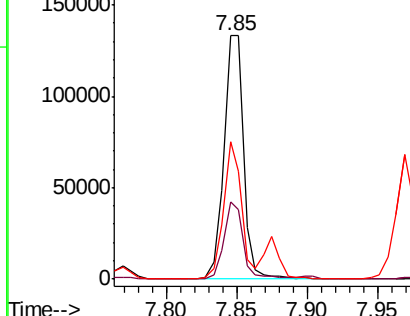
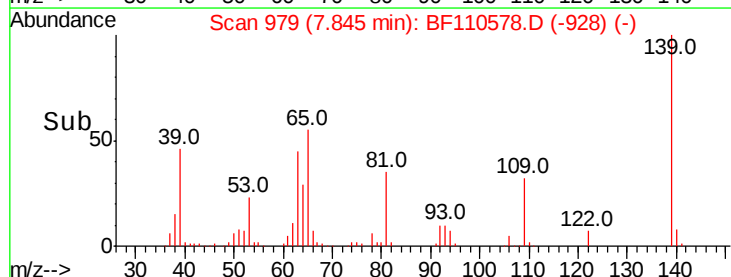
65 56.3 44.0 66.0

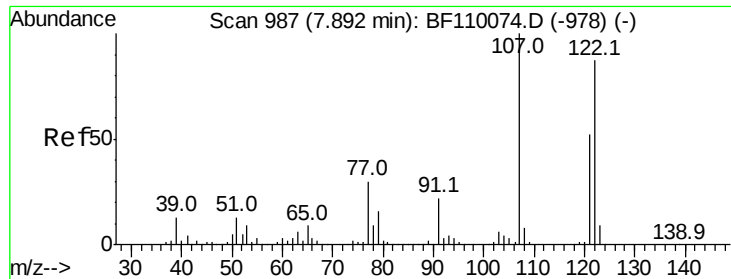


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

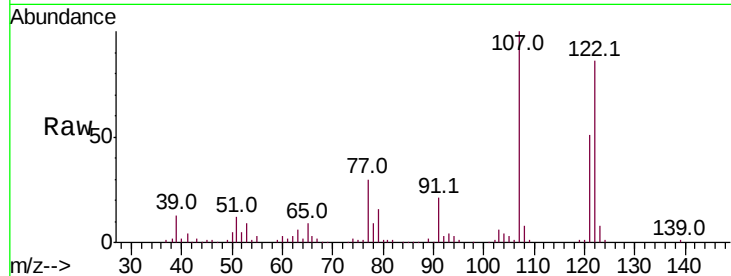




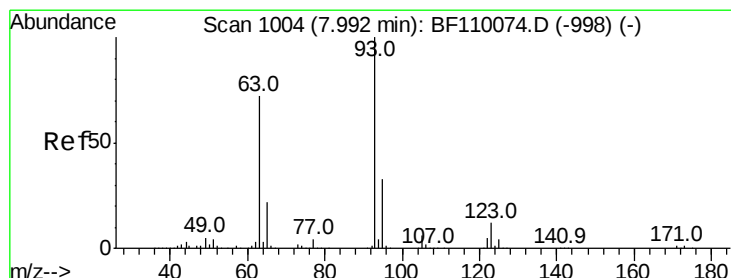
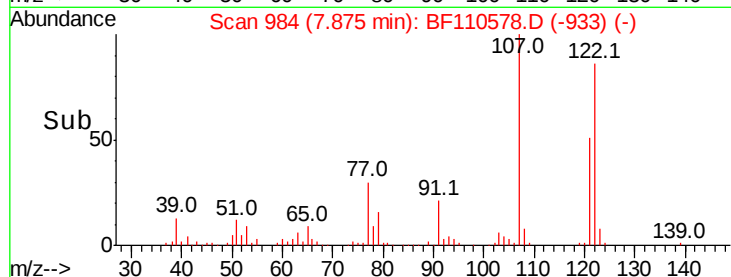
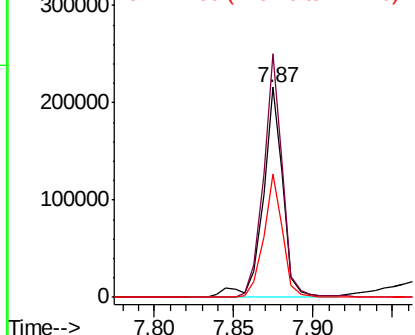
#27
2,4-Dimethylphenol
Concen: 39.628 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 190475
Ion Ratio Lower Upper
122 100
107 115.8 92.5 138.7
121 59.0 45.8 68.8

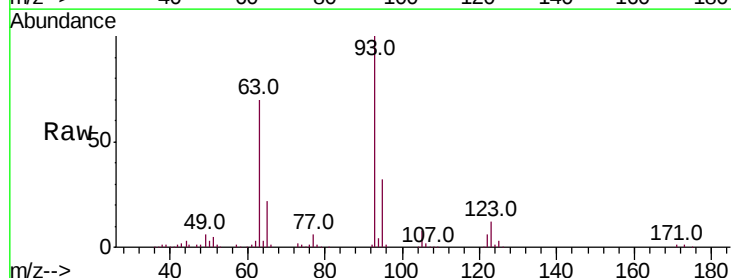


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

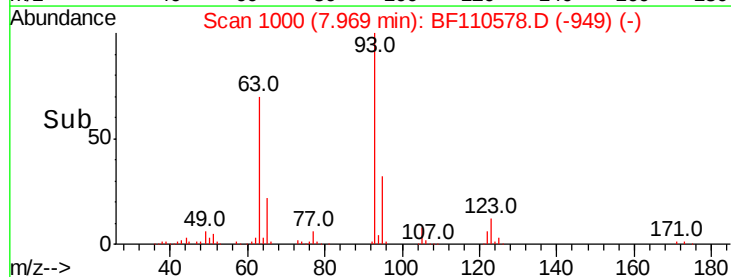
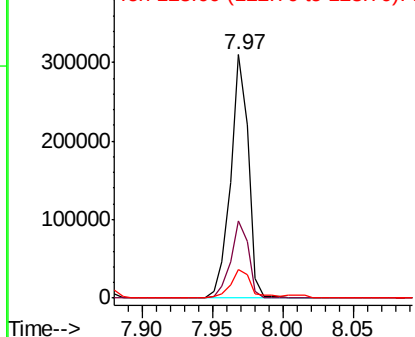


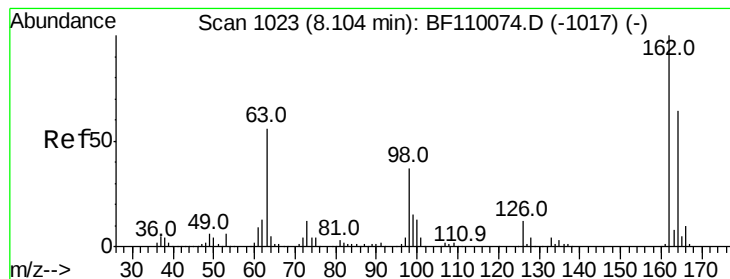
#28
bis(2-Chloroethoxy)methane
Concen: 39.591 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion: 93 Resp: 270540
Ion Ratio Lower Upper
93 100
95 31.9 26.4 39.6
123 11.8 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

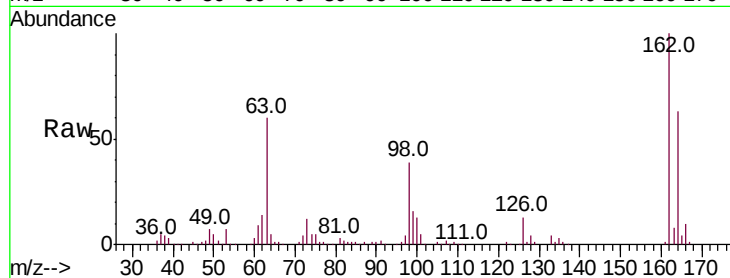




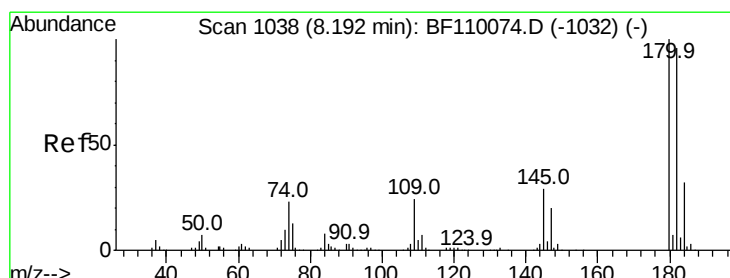
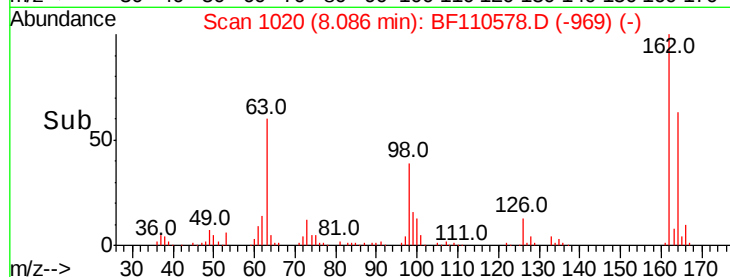
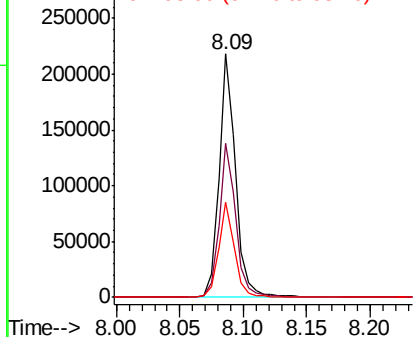
#29
 2,4-Dichlorophenol
 Concen: 41.007 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	38.8	17.4	57.4

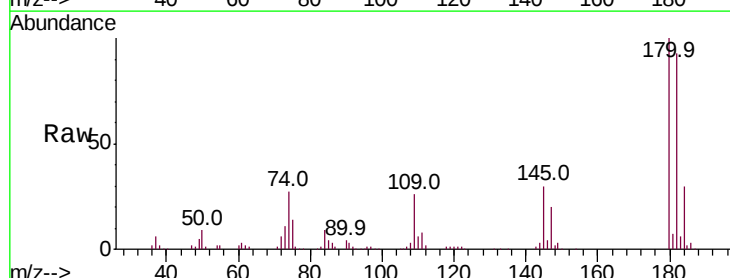


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

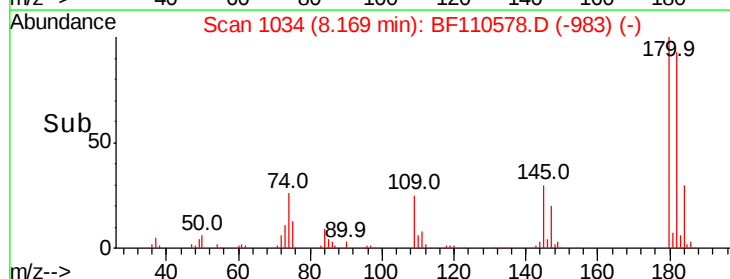
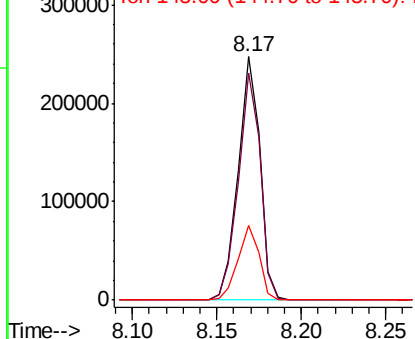


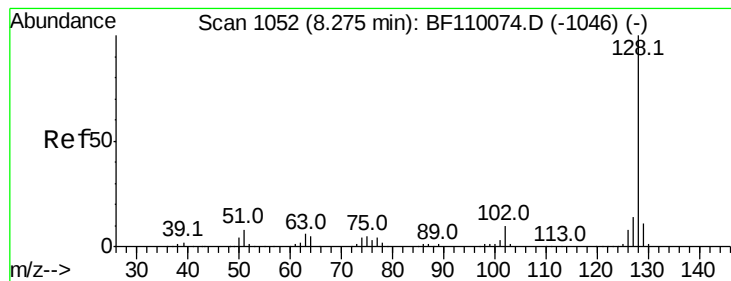
#30
 1,2,4-Trichlorobenzene
 Concen: 40.924 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	80.3	120.5
145	30.5	25.4	38.0



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





#31

Naphthalene

Concen: 40.682 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampled :

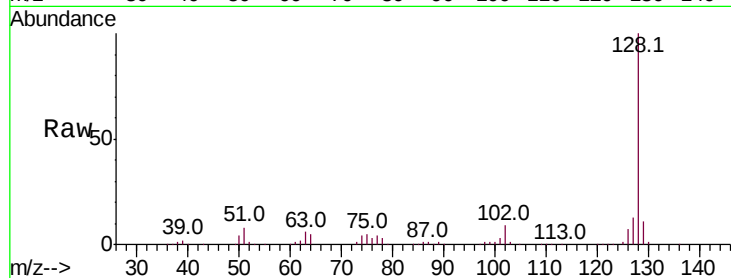
Tot Ion:128 Resp: 656254

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

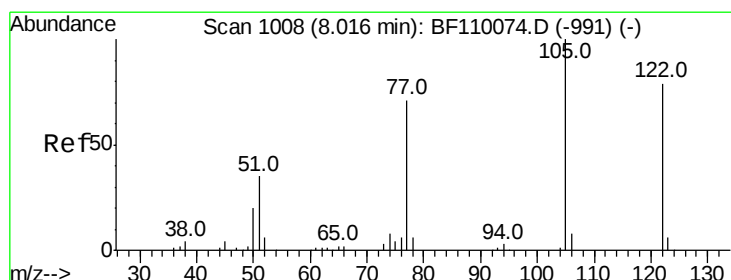
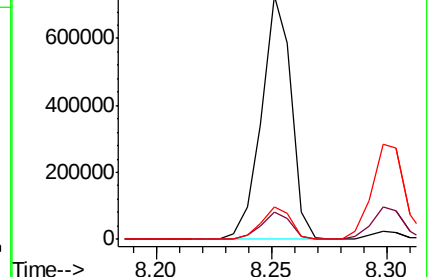
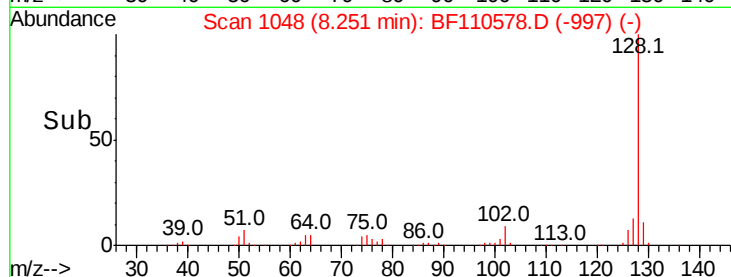
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.130 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

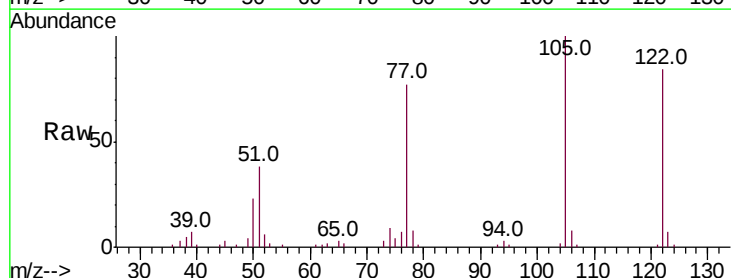
Tgt Ion:122 Resp: 145365

Ion Ratio Lower Upper

122 100

105 119.7 109.0 149.0

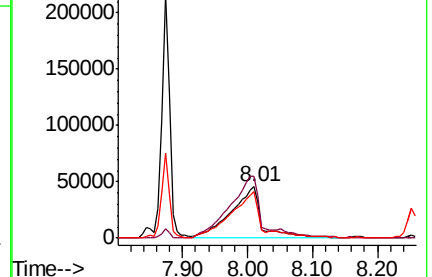
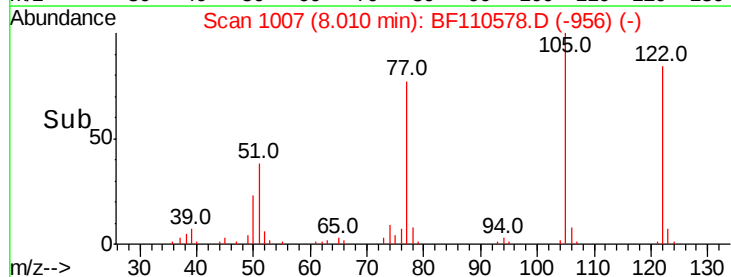
77 92.0 79.0 119.0

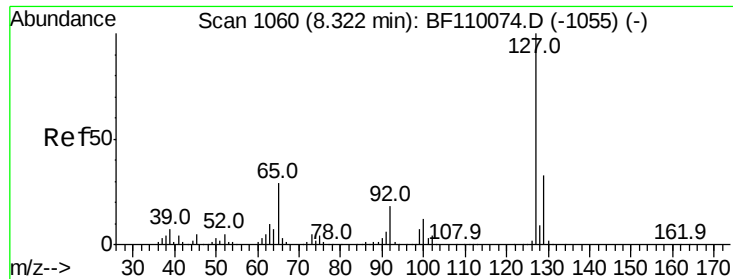


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

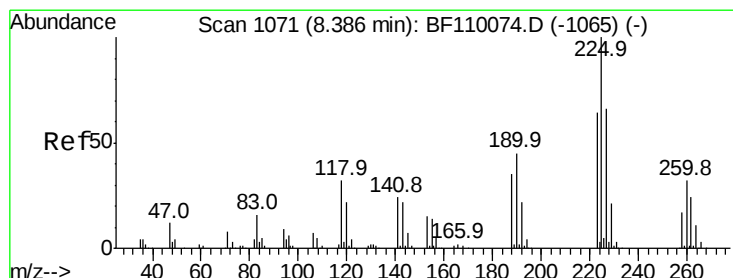
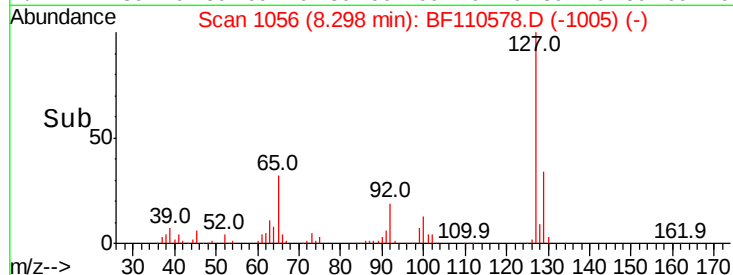
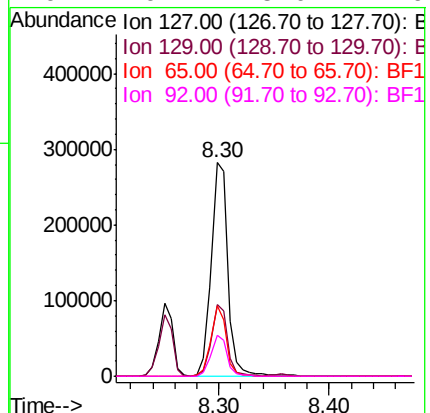
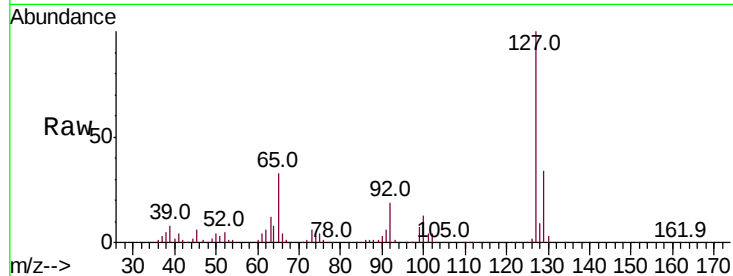




#33
4-Chloroaniline
Concen: 39.828 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

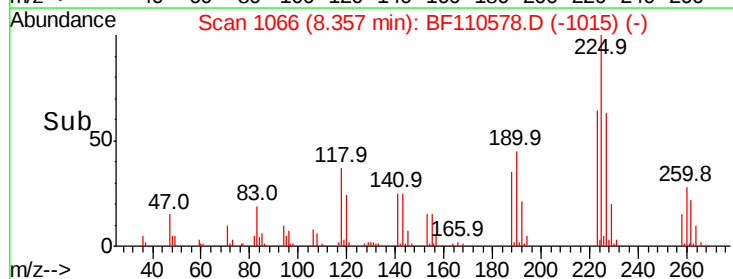
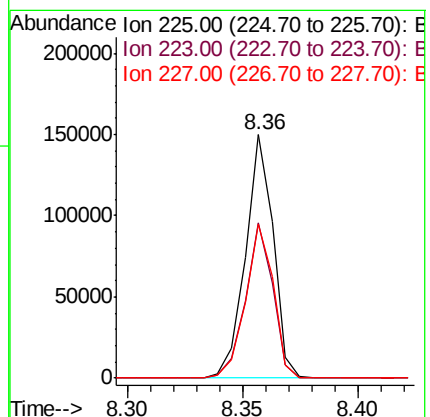
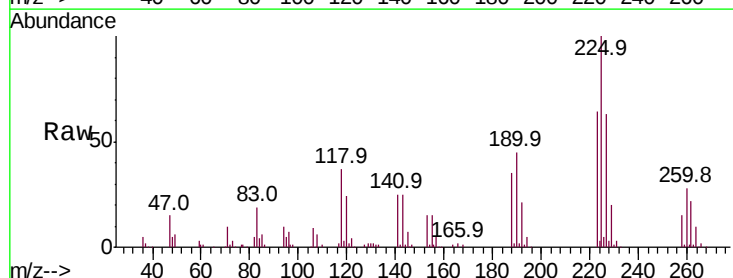
Instrument :
BNA_F
ClientSampleId :

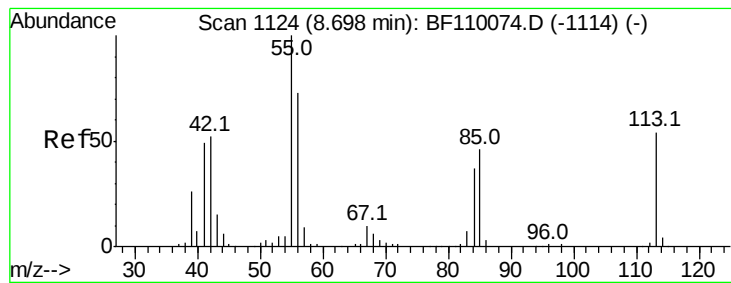
Tot Ion:	127	Resp:	289155
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.0	39.0
65	32.8	25.1	37.7
92	19.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.528 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:	225	Resp:	125422
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.2
227	63.2	51.0	76.6





#35

Caprolactam

Concen: 38.794 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampled :

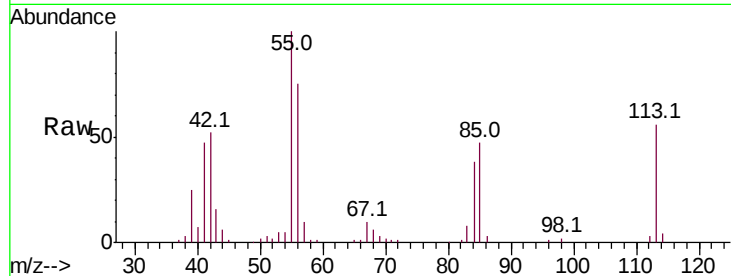
Tot Ion:113 Resp: 65661

Ion Ratio Lower Upper

113 100

55 179.1 142.8 182.8

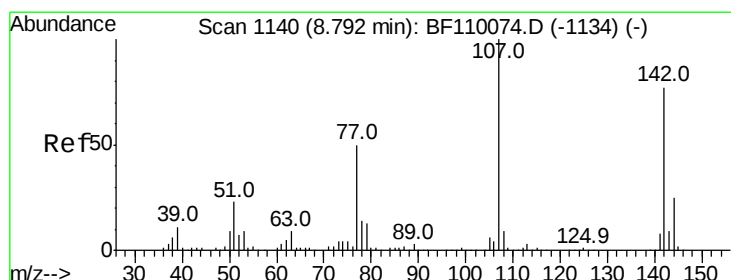
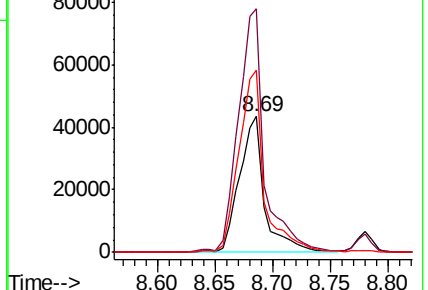
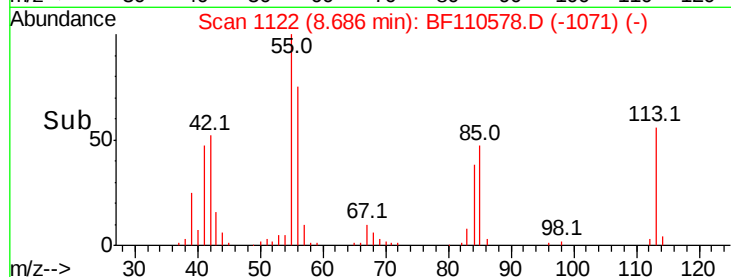
56 134.2 105.0 145.0



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: 40.589 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

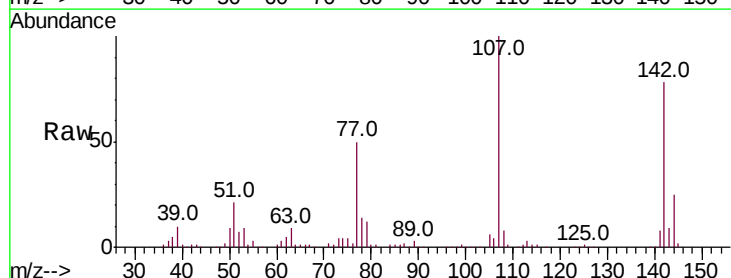
Tgt Ion:107 Resp: 213141

Ion Ratio Lower Upper

107 100

144 25.4 20.0 30.0

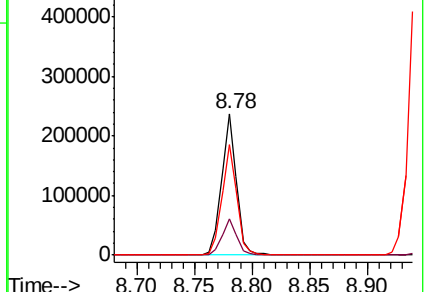
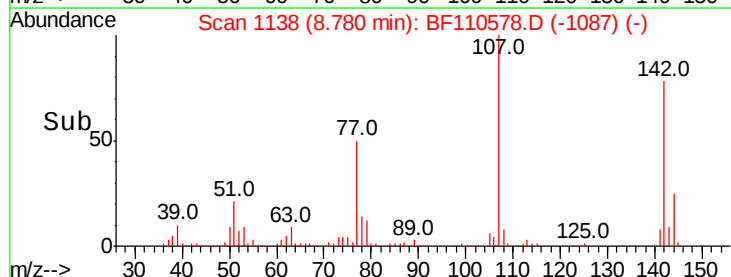
142 77.6 59.7 89.5

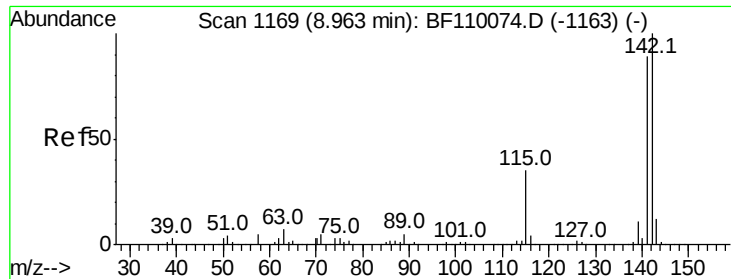


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

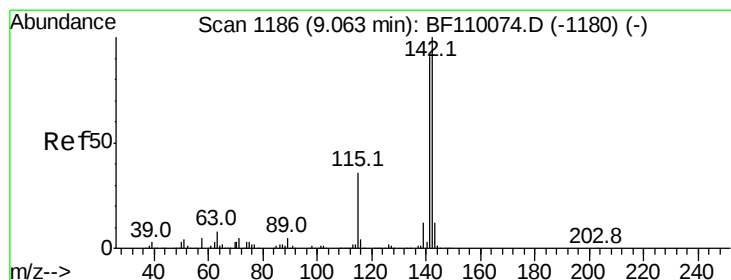
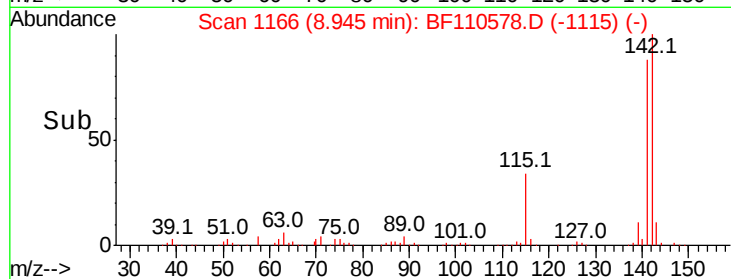
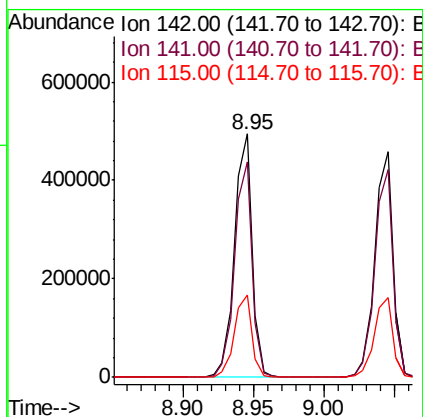
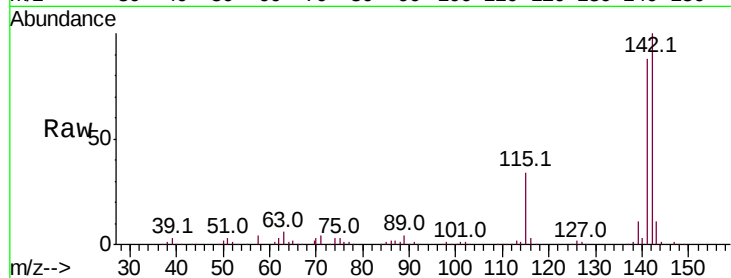




#37
2-Methylnaphthalene
Concen: 40.370 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

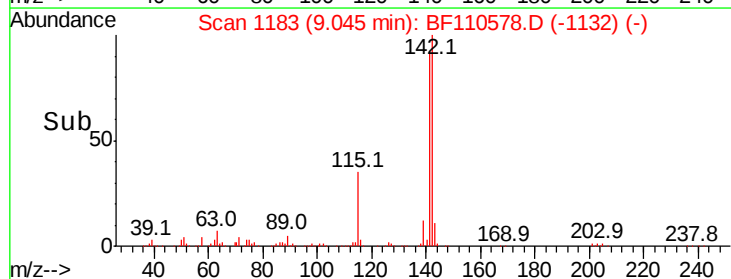
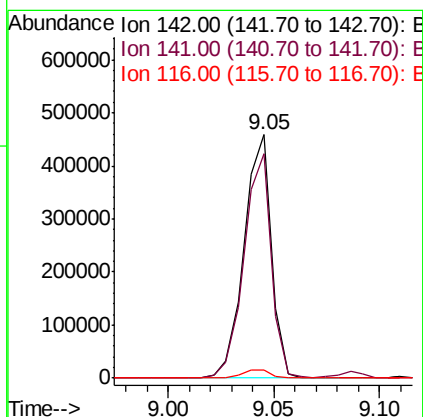
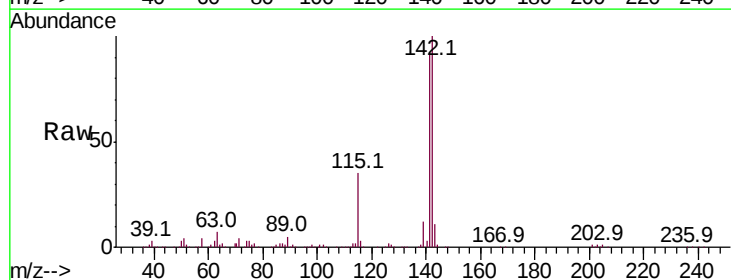
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 430868
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2
115 33.9 28.7 43.1



#38
1-Methylnaphthalene
Concen: 40.043 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:142 Resp: 413009
Ion Ratio Lower Upper
142 100
141 91.9 74.2 111.4
116 3.5 2.6 4.0

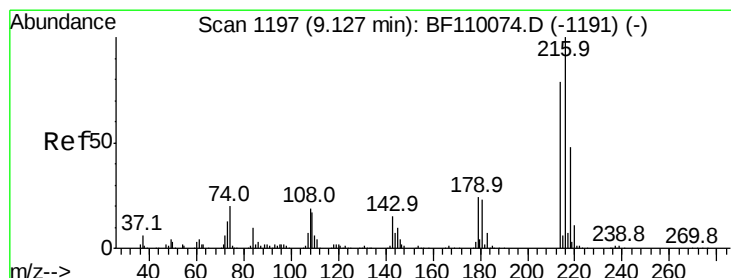
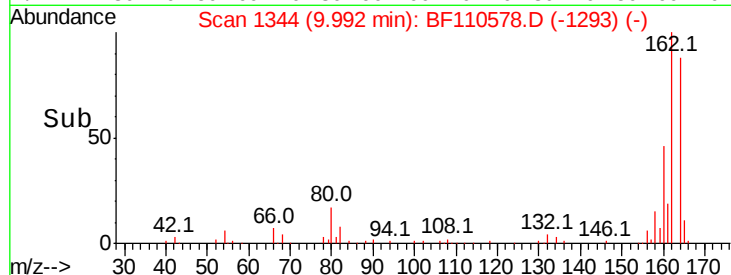
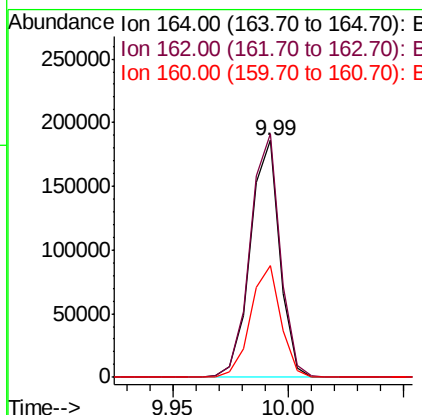
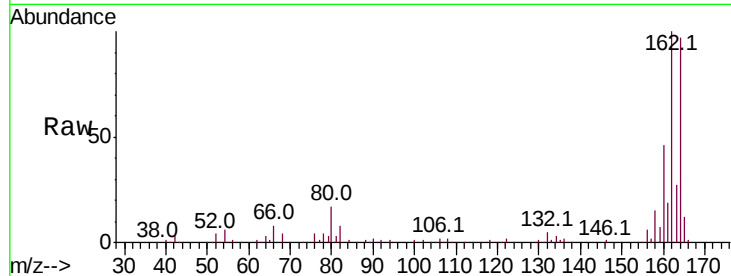




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

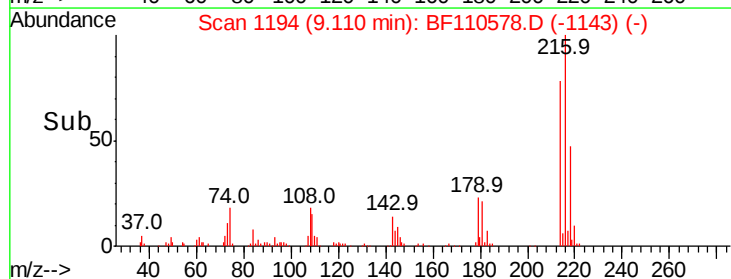
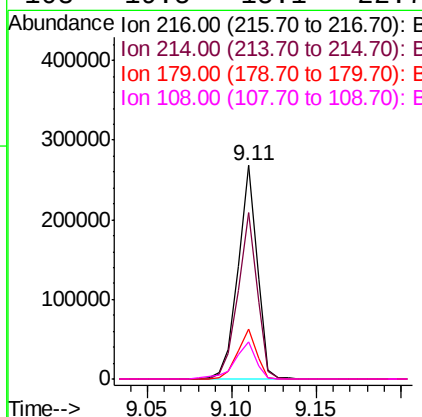
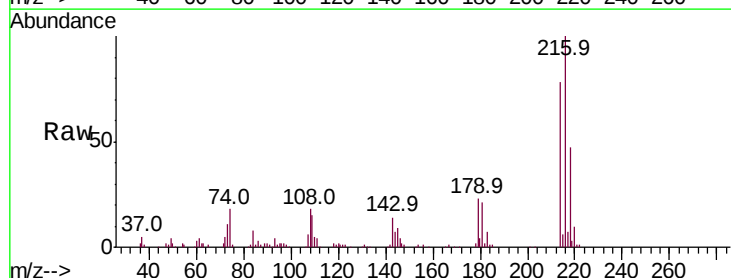
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 166199
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.6
160 47.1 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.743 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:216 Resp: 210982
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 23.3 16.6 25.0
108 19.5 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 27.148 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampled :

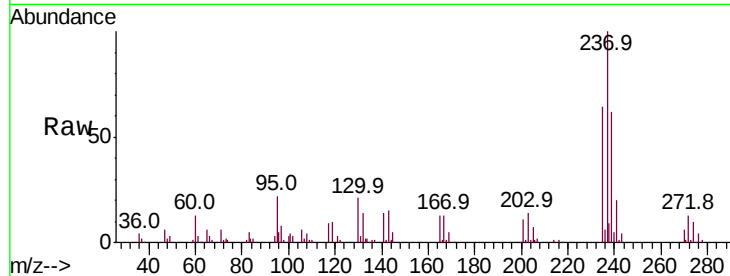
Tot Ion:237 Resp: 71886

Ion Ratio Lower Upper

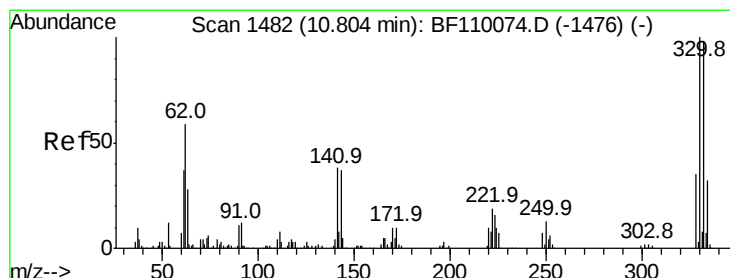
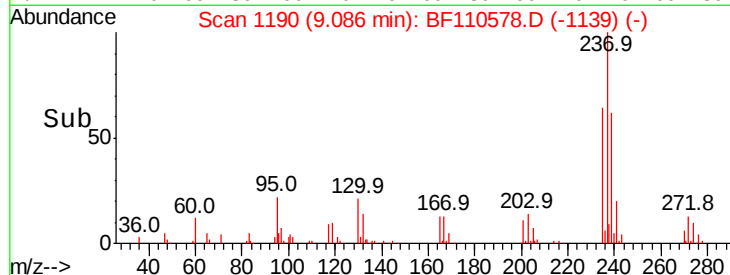
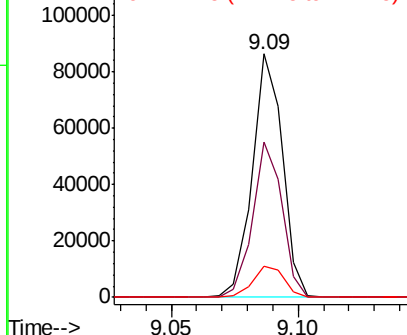
237 100

235 63.8 43.1 83.1

272 12.9 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 81.926 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

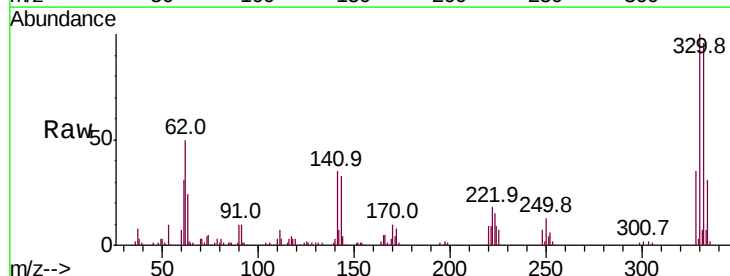
Tgt Ion:330 Resp: 134876

Ion Ratio Lower Upper

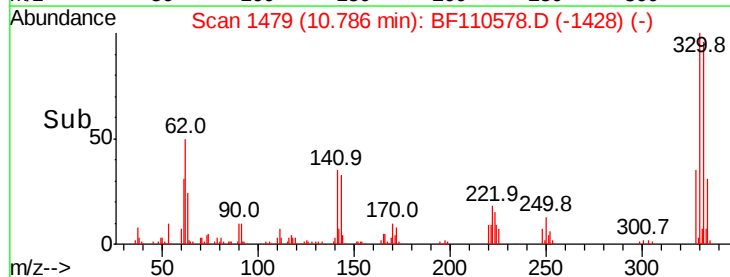
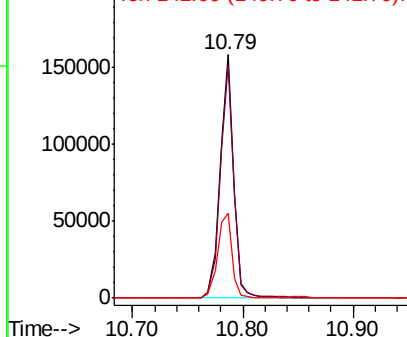
330 100

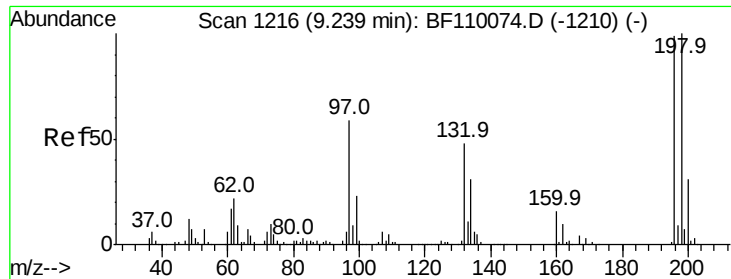
332 95.8 77.1 115.7

141 37.7 27.0 40.4



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

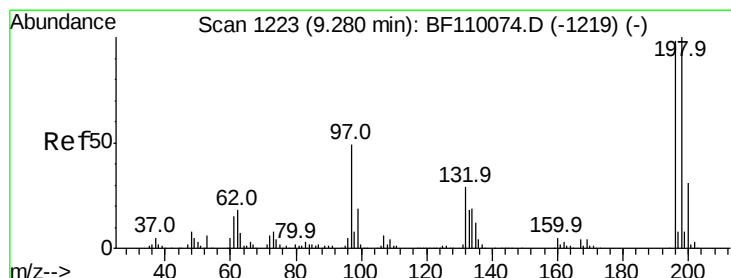
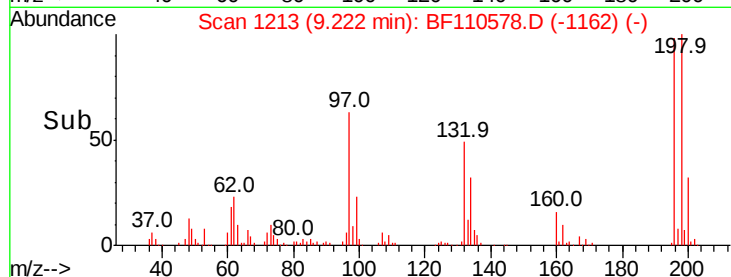
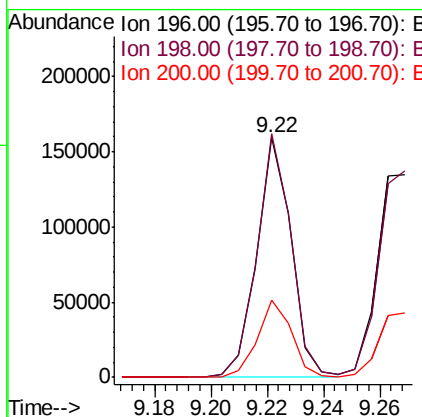
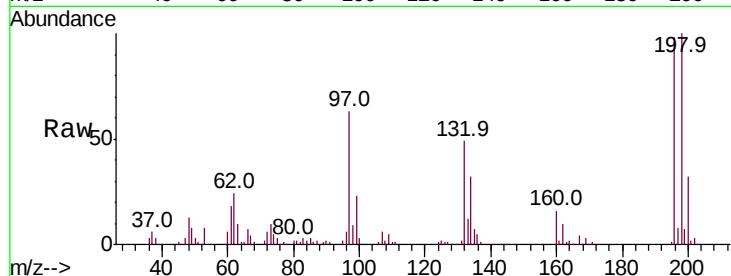




#43
 2,4,6-Trichlorophenol
 Concen: 40.548 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

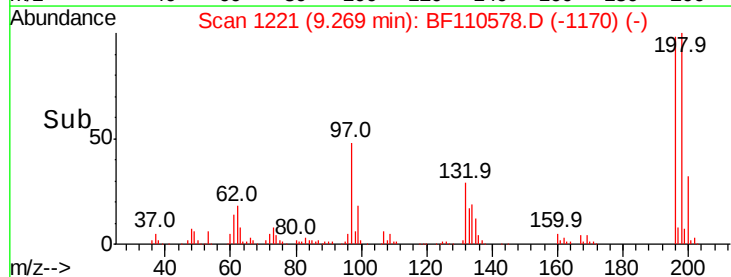
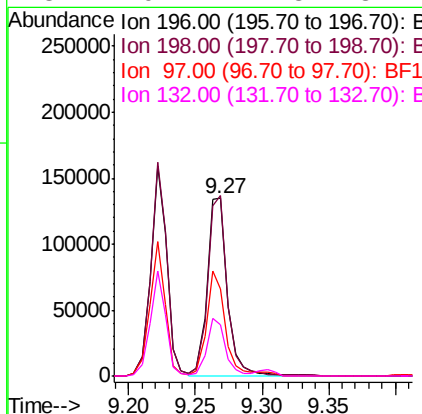
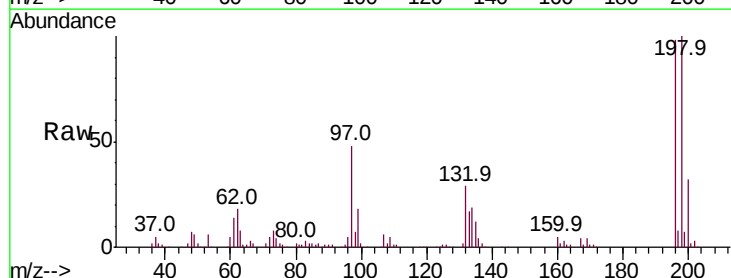
Instrument :
 BNA_F
 ClientSampleId :

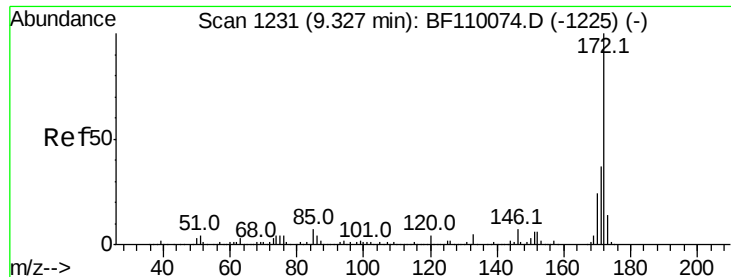
Tot Ion:196 Resp: 135433
 Ion Ratio Lower Upper
 196 100
 198 101.6 76.2 114.4
 200 32.4 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.625 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Tgt Ion:196 Resp: 143426
 Ion Ratio Lower Upper
 196 100
 198 102.0 75.8 113.6
 97 49.2 42.4 63.6
 132 29.2 22.8 34.2

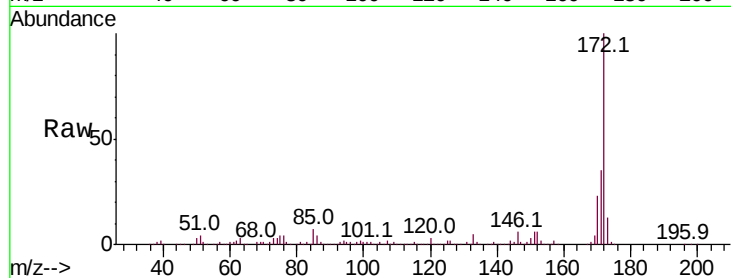




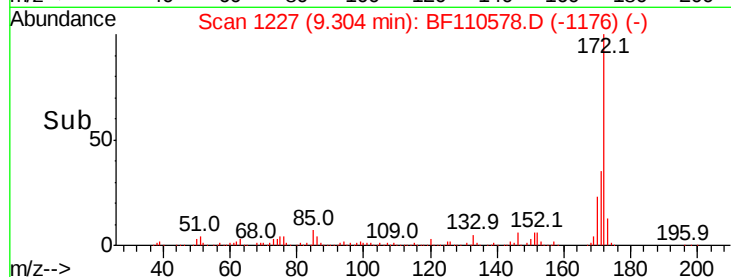
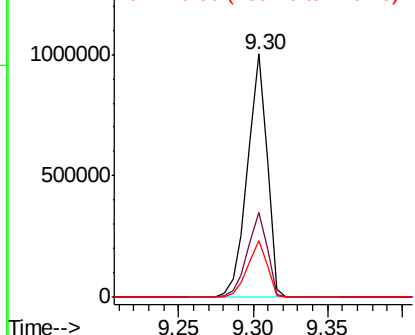
#45
2-Fluorobiphenyl
Concen: 86.360 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.4	19.7	29.5

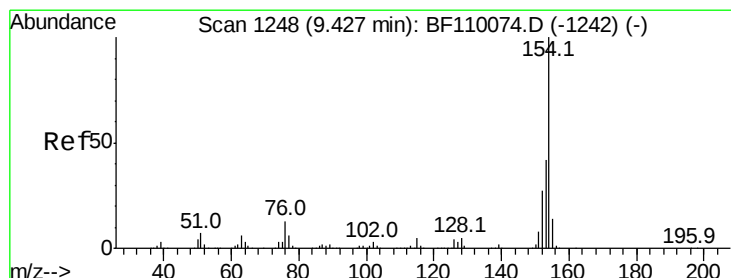


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

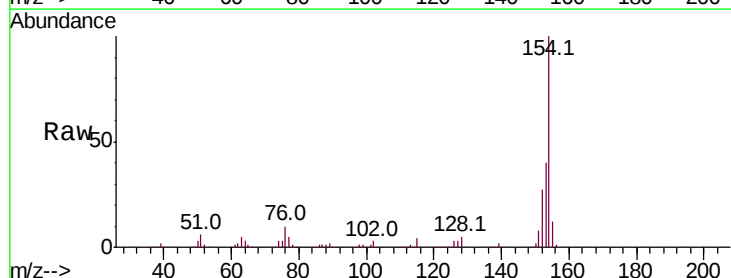
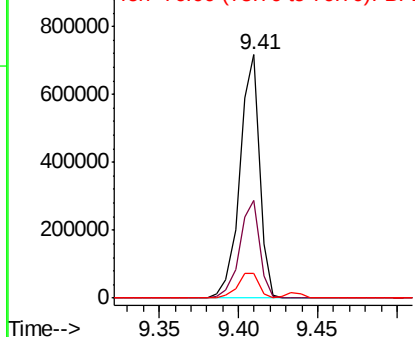


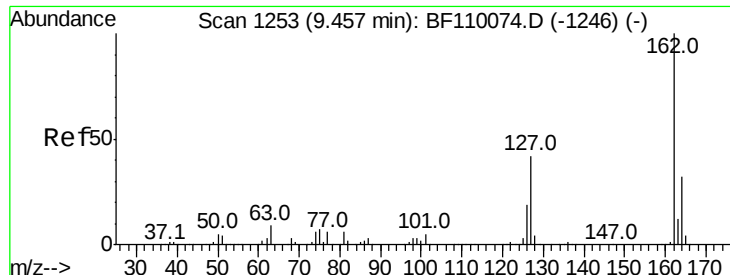
#46
1,1'-Biphenyl
Concen: 41.138 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.4	60.4
76	10.4	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

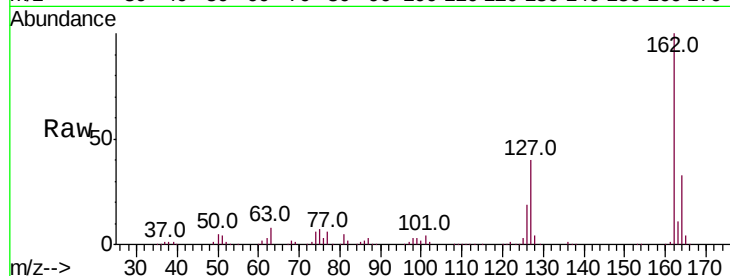




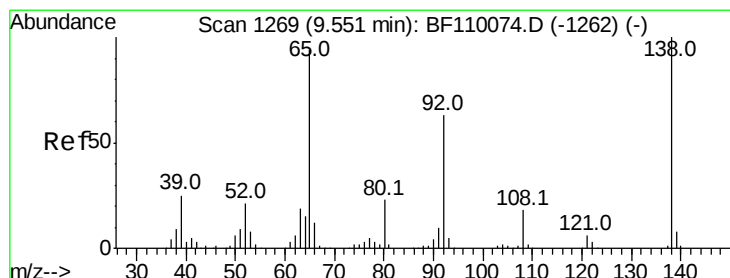
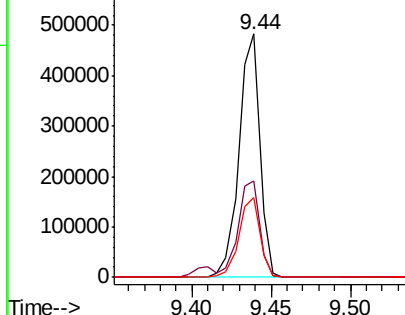
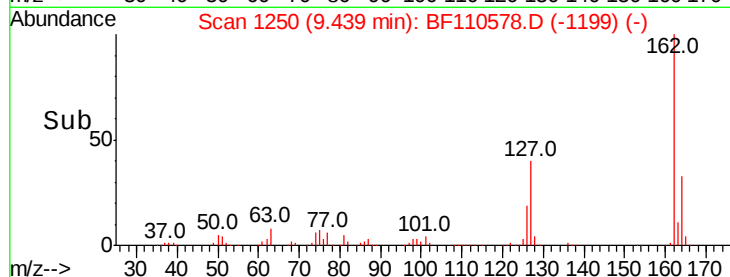
#47
 2-Chloronaphthalene
 Concen: 40.063 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.6	48.8
164	32.7	25.9	38.9

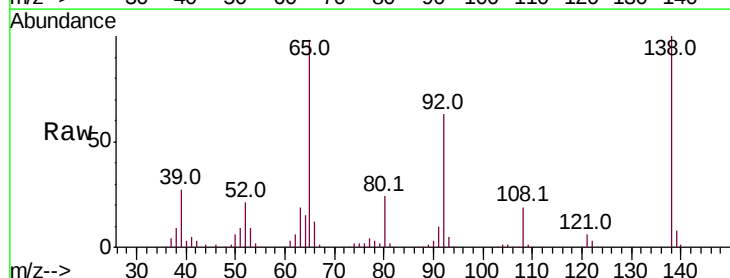


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

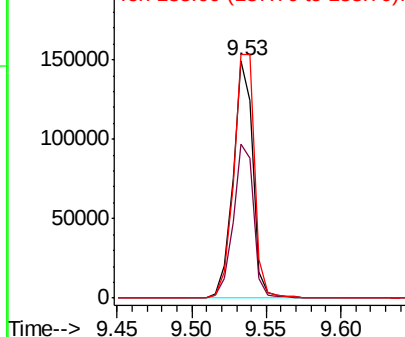
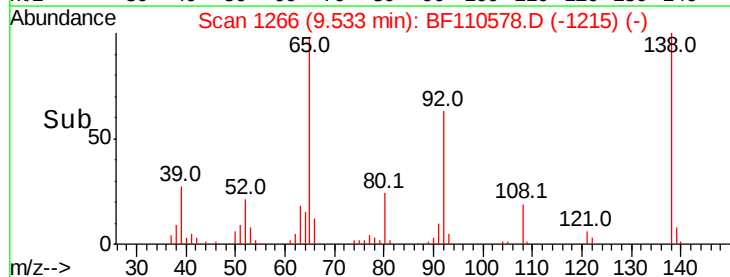


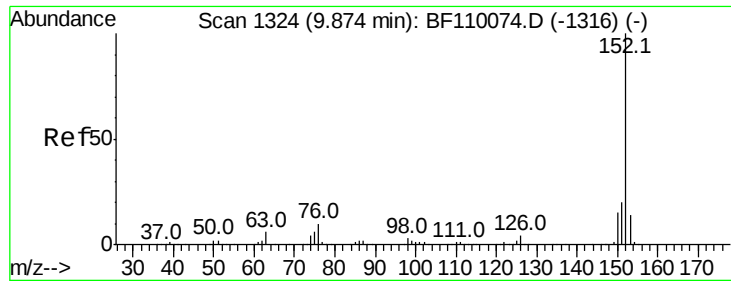
#48
 2-Nitroaniline
 Concen: 41.821 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	54.6	81.8
138	102.4	80.3	120.5



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

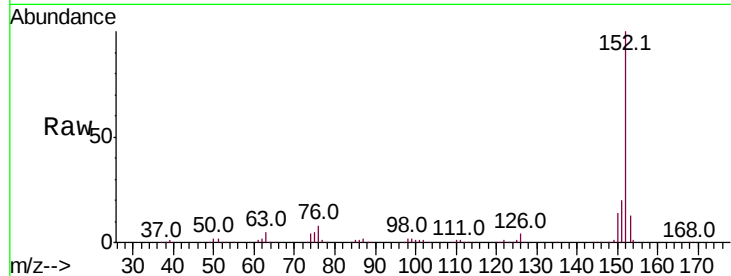




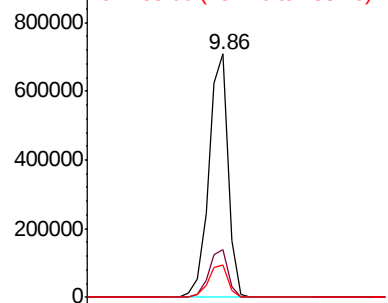
#49
Acenaphthylene
Concen: 40.465 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampleId :

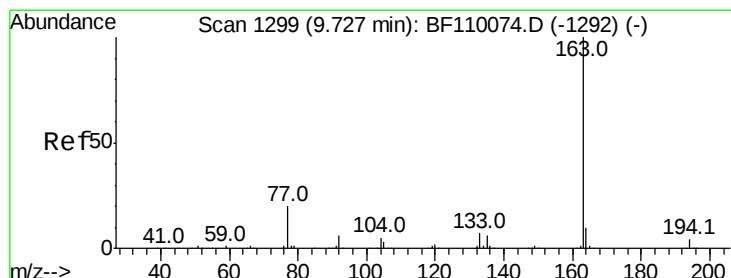
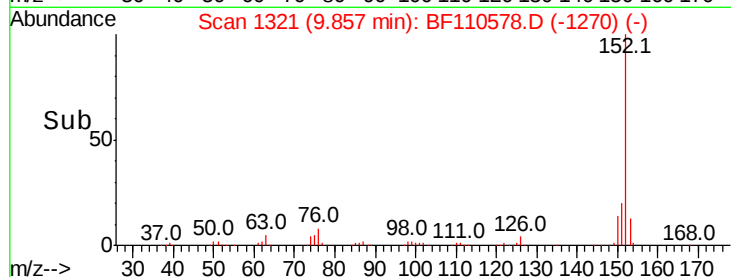
Tot Ion:152 Resp: 644338
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.4 10.4 15.6



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

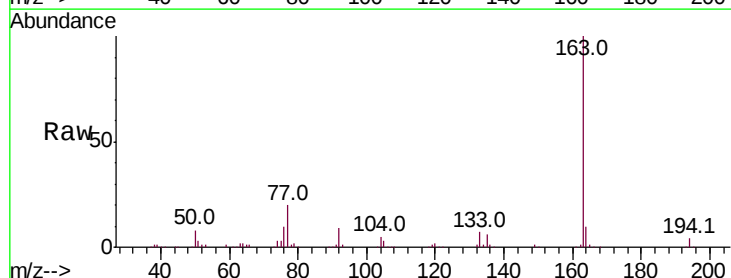


Time-->

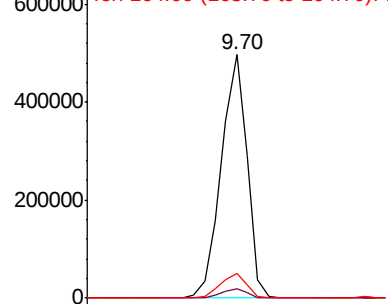


#50
Dimethylphthalate
Concen: 39.980 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

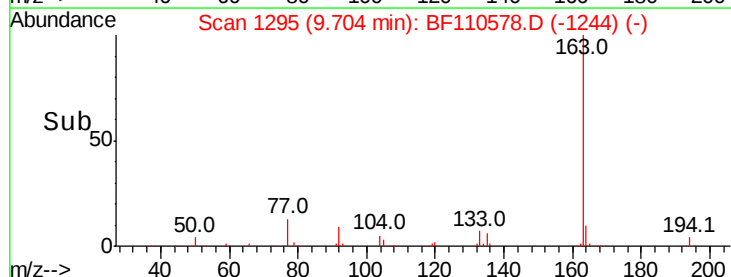
Tgt Ion:163 Resp: 490485
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 8.1 12.1

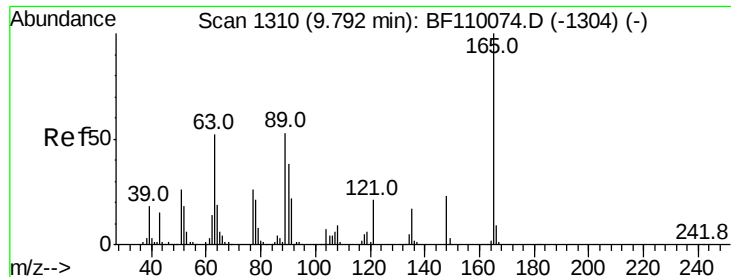


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

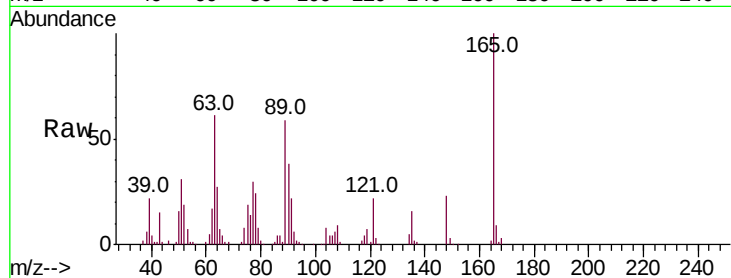




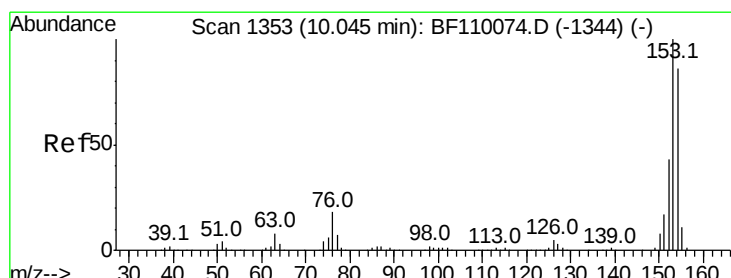
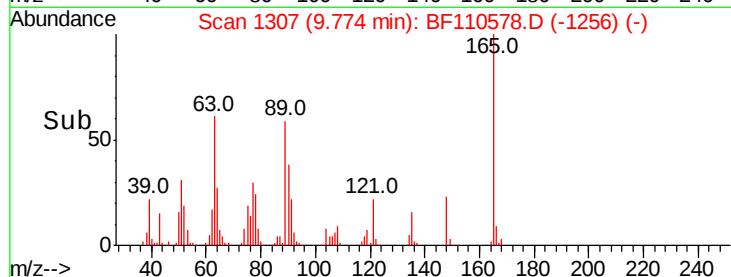
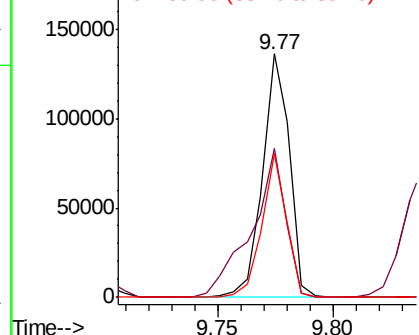
#51
2,6-Dinitrotoluene
Concen: 41.672 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 110125
Ion Ratio Lower Upper
165 100
63 61.3 48.9 73.3
89 58.9 46.6 69.8

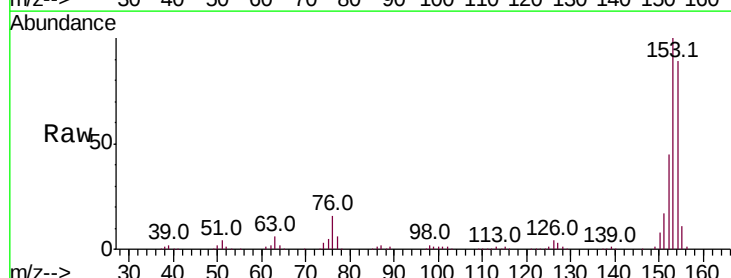


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

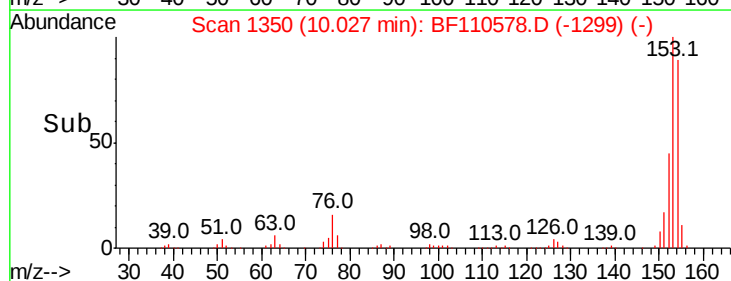
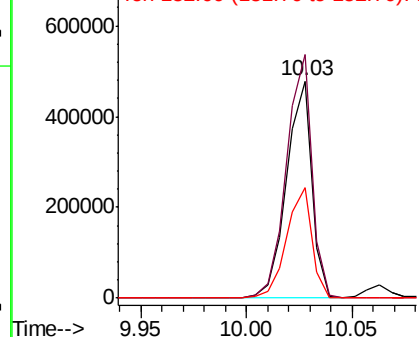


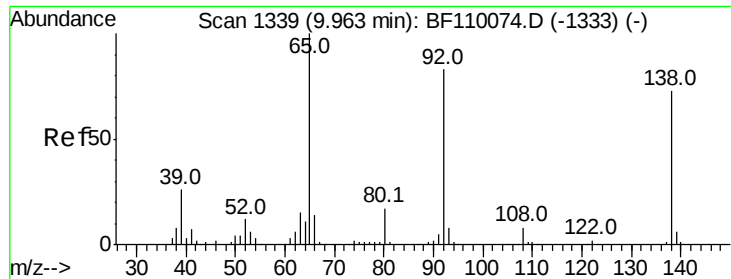
#52
Acenaphthene
Concen: 38.152 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:154 Resp: 401894
Ion Ratio Lower Upper
154 100
153 112.1 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

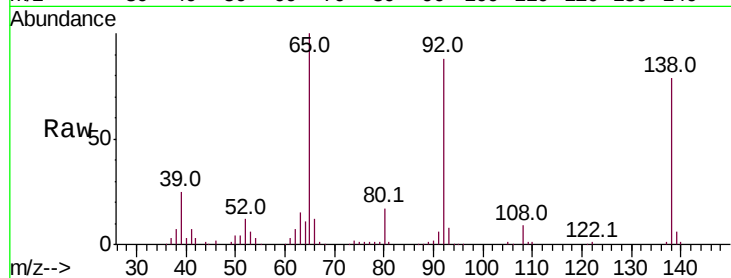




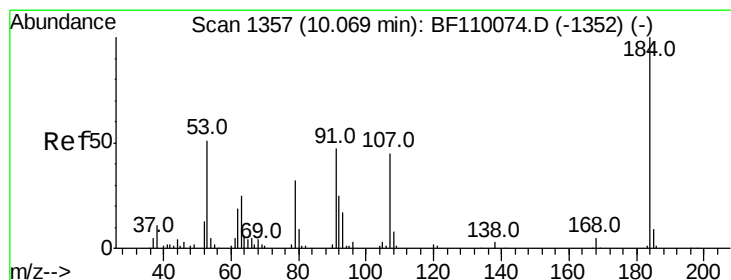
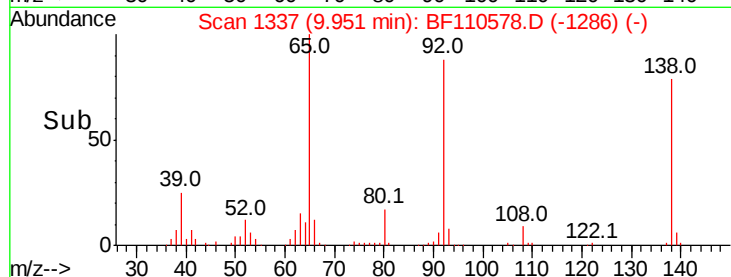
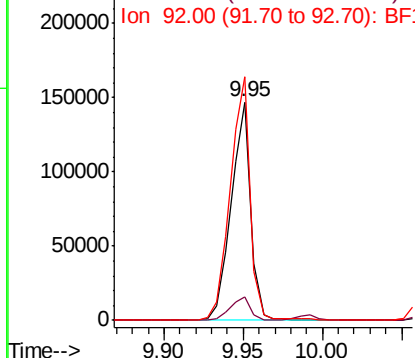
#53
3-Nitroaniline
Concen: 40.121 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 126084
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 111.6 97.0 145.4

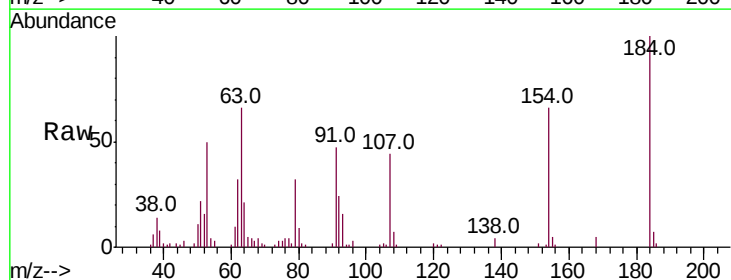


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

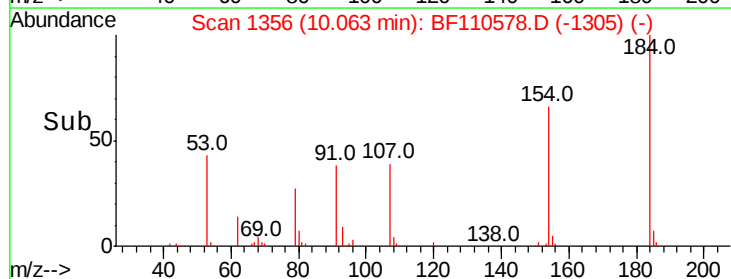
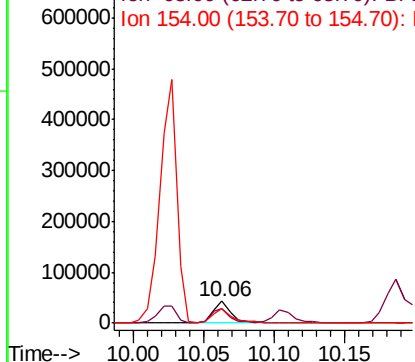


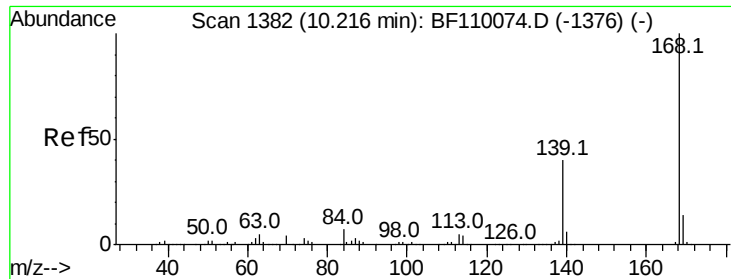
#54
2,4-Dinitrophenol
Concen: 44.381 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:184 Resp: 41206
Ion Ratio Lower Upper
184 100
63 66.1 55.8 83.6
154 66.2 63.2 94.8



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

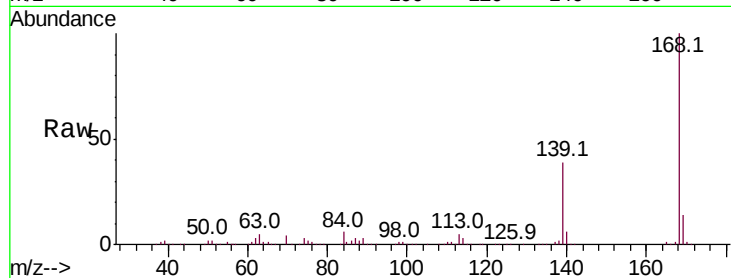




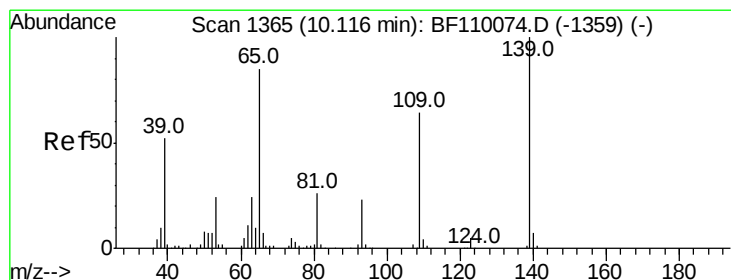
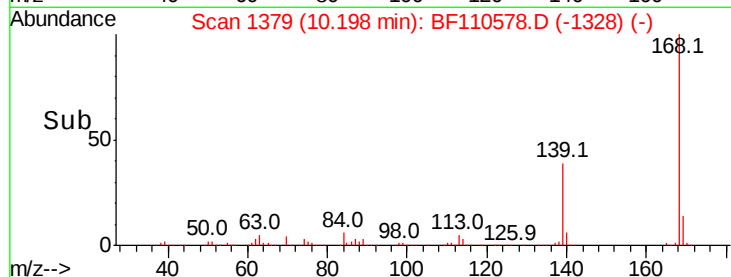
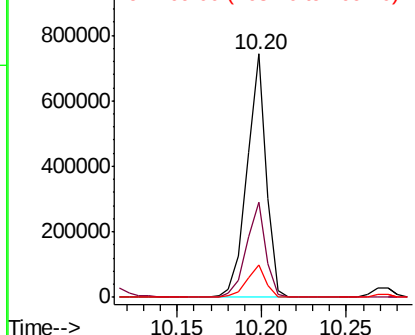
#55
Dibenzenofuran
Concen: 39.955 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 589271
Ion Ratio Lower Upper
168 100
139 39.0 33.0 49.6
169 13.5 11.3 16.9

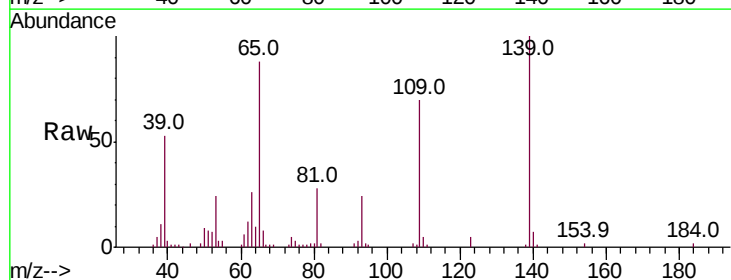


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

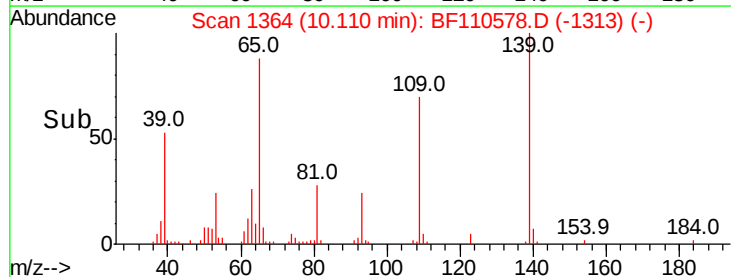
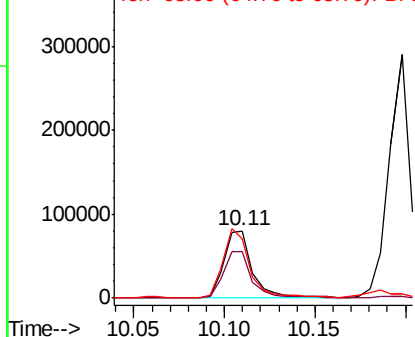


#56
4-Nitrophenol
Concen: 37.792 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:139 Resp: 87900
Ion Ratio Lower Upper
139 100
109 70.0 55.8 95.8
65 87.6 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

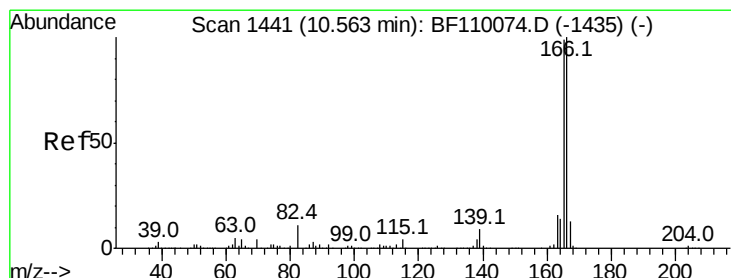
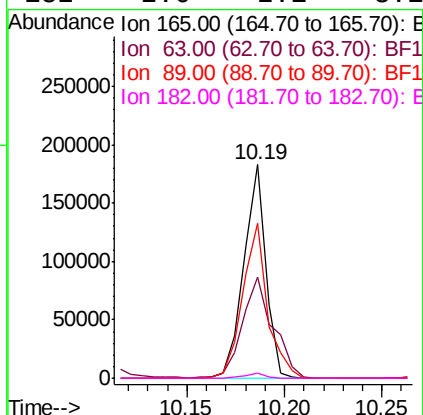
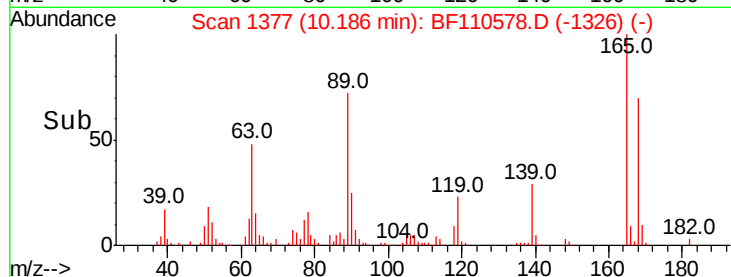
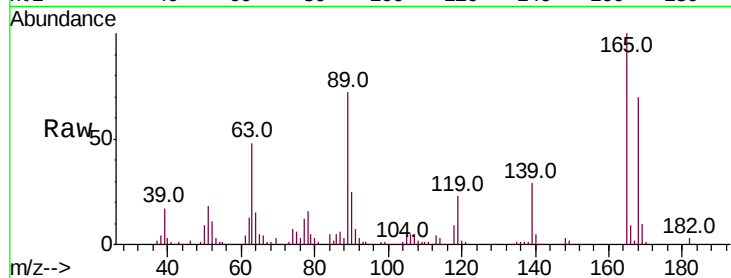




#57
2,4-Dinitrotoluene
Concen: 42.744 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

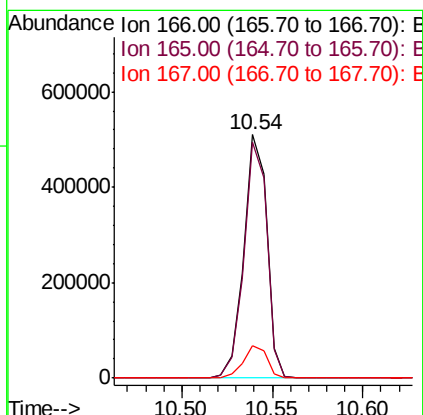
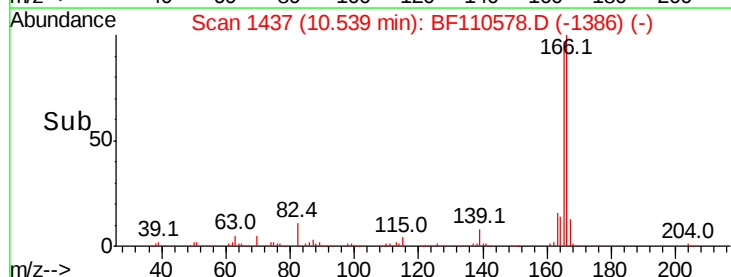
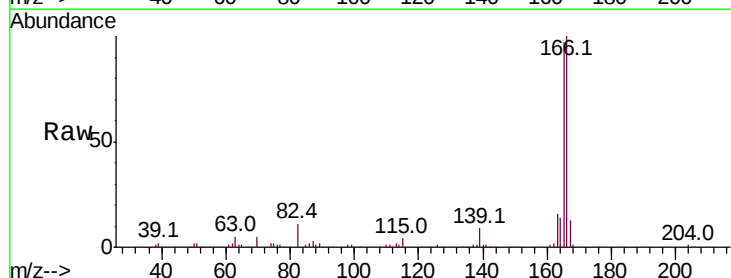
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	44.8	67.2
89	72.3	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 41.044 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.6	117.8
167	13.5	10.8	16.2

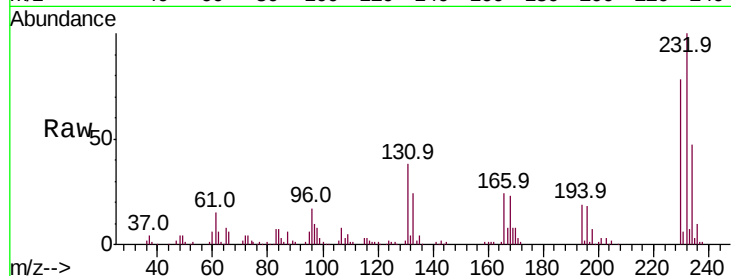




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.647 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.04 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	37.0	55.4
130	2.2	1.8	2.6
166	26.2	22.0	33.0



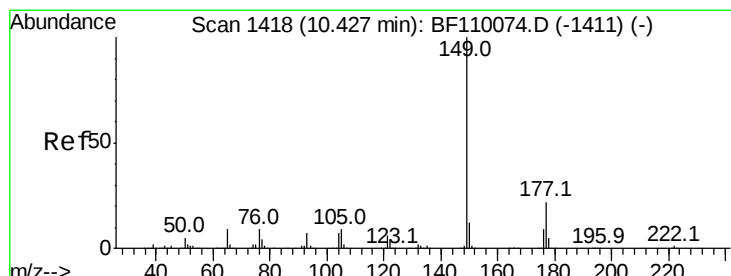
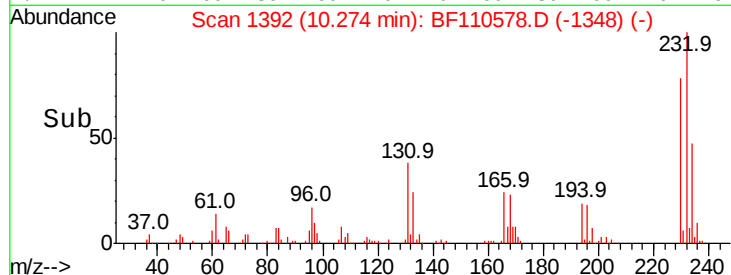
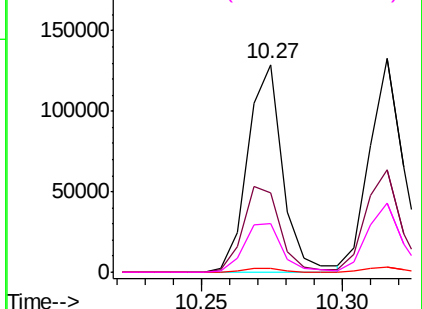
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

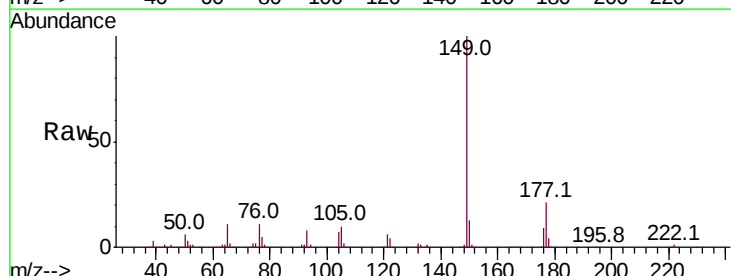
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.095 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.6	9.8	14.8

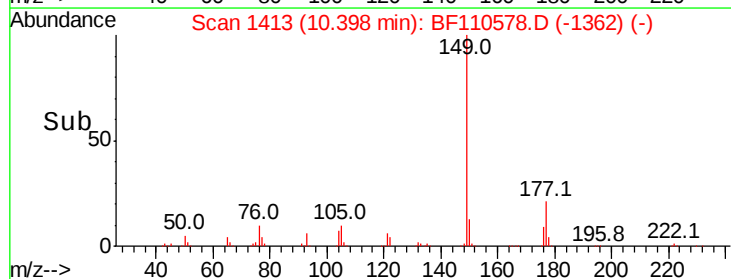
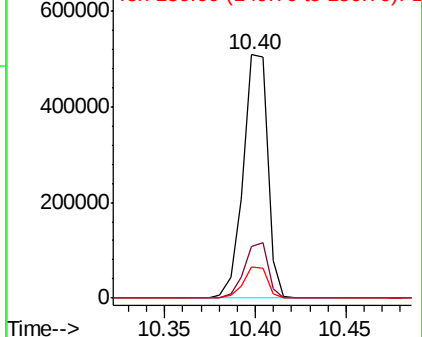


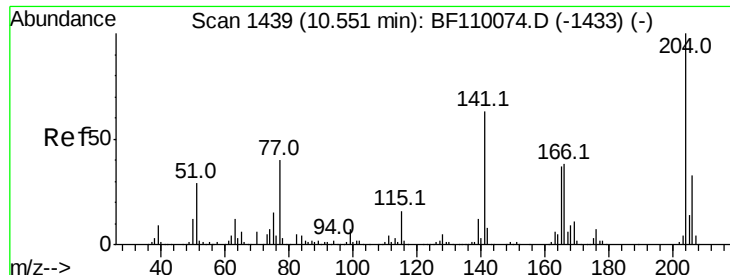
Abundance

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

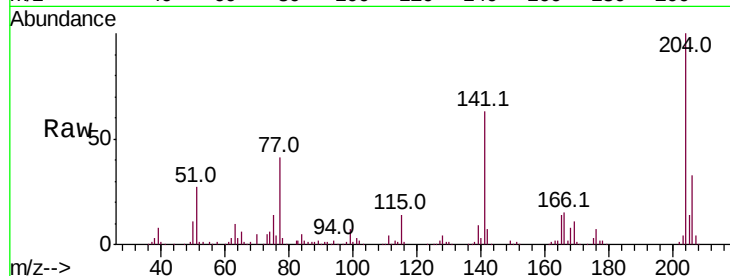




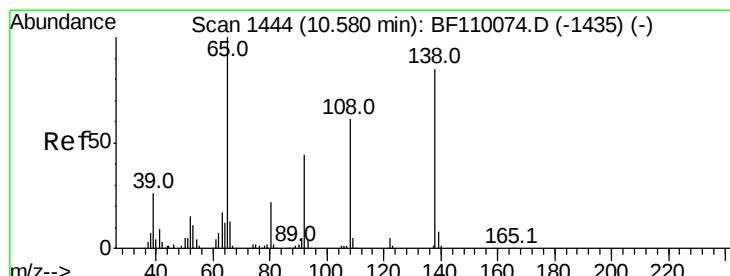
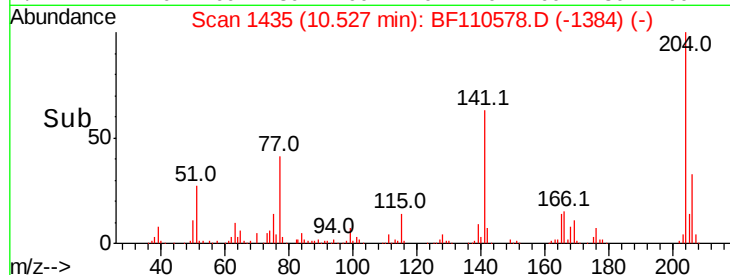
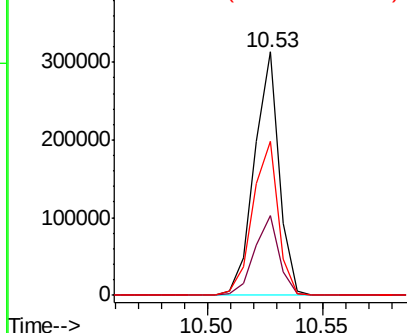
#61
4-Chlorophenyl-phenylether
Concen: 40.572 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 234931
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 63.2 51.8 77.8

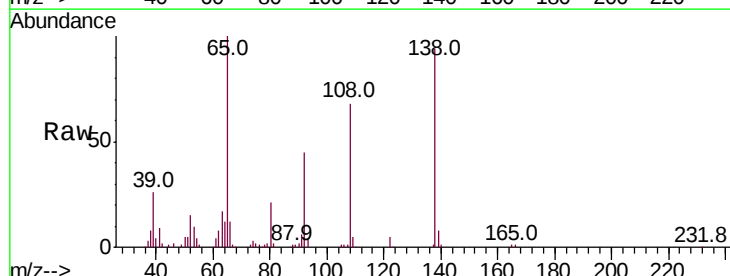


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

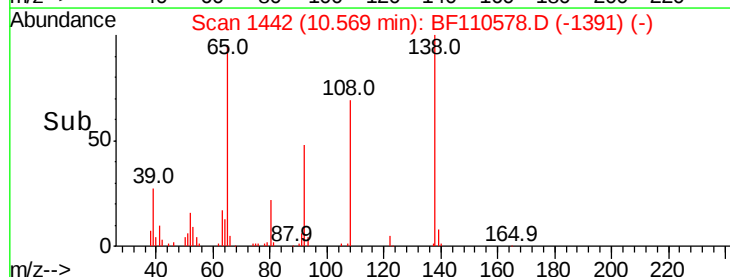
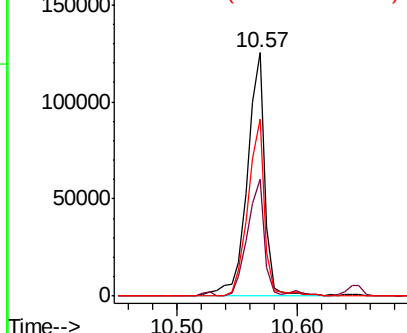


#62
4-Nitroaniline
Concen: 40.989 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:138 Resp: 128118
Ion Ratio Lower Upper
138 100
92 48.1 31.7 71.7
108 72.9 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

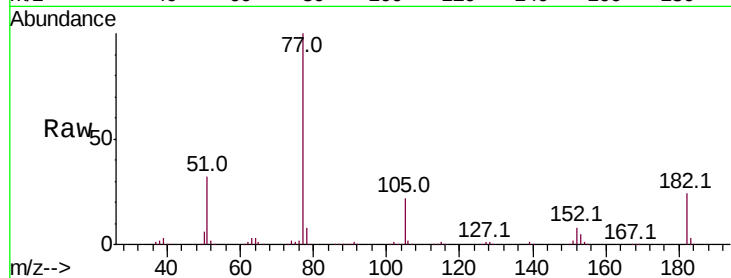




#63
Azobenzene
Concen: 40.230 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.3	44.3
105	22.0	1.3	41.3
51	31.7	9.0	49.0



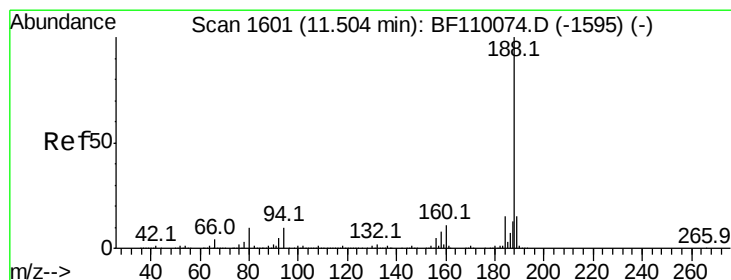
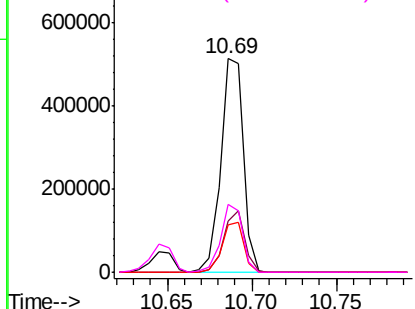
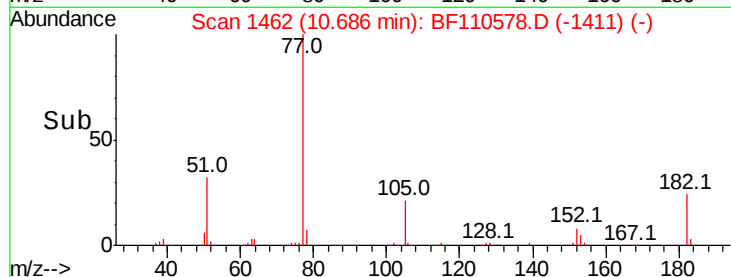
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

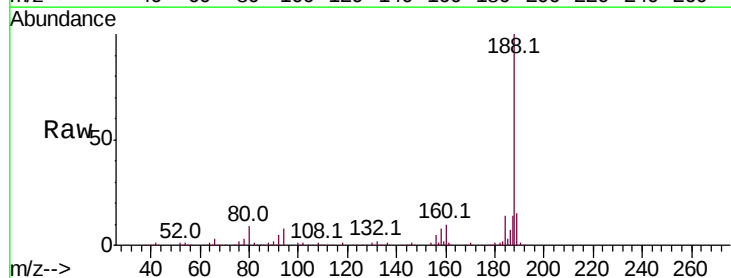
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.7	7.9	11.9

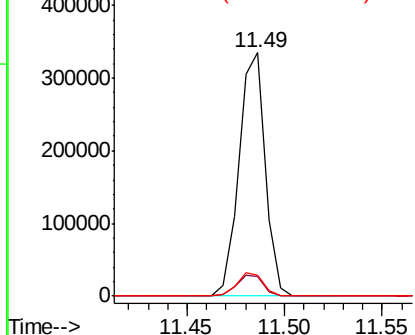
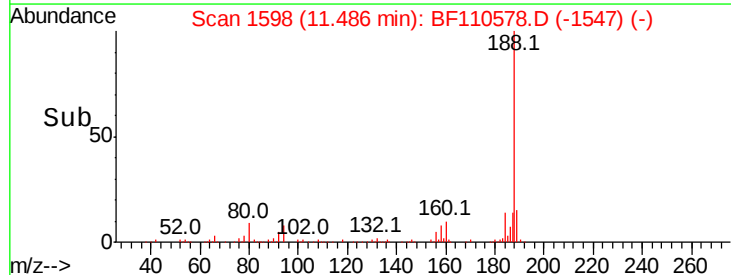


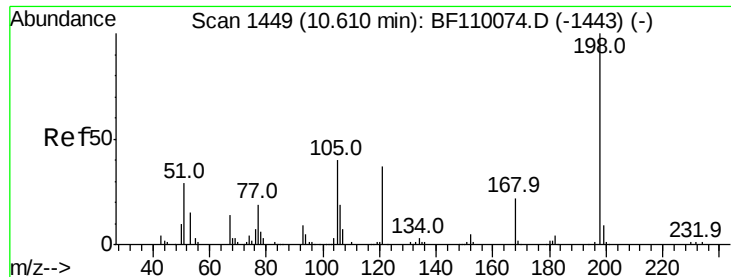
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.341 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

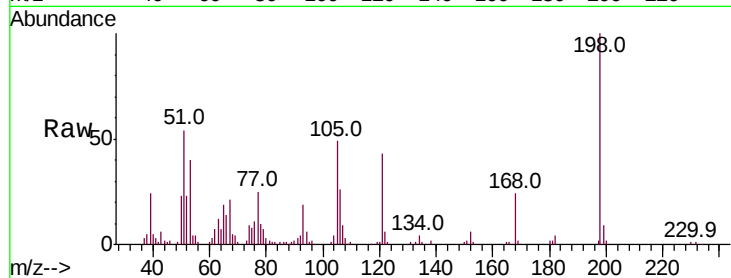
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 64550

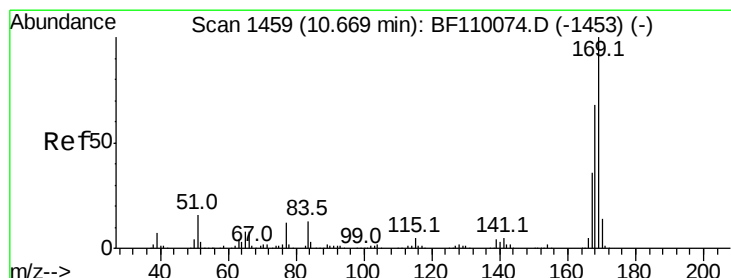
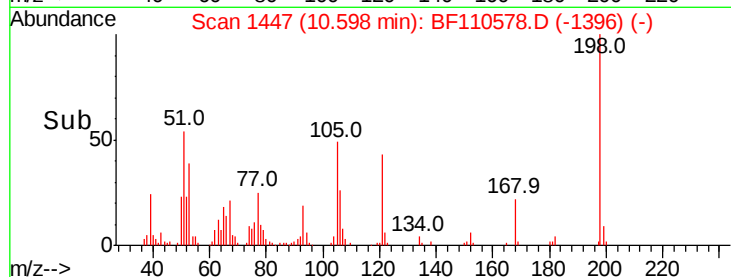
Ion	Ratio	Lower	Upper
198	100		
51	54.2	22.8	62.8
105	48.8	23.6	63.6



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: 40.719 ng

RT: 10.65 min Scan# 1456

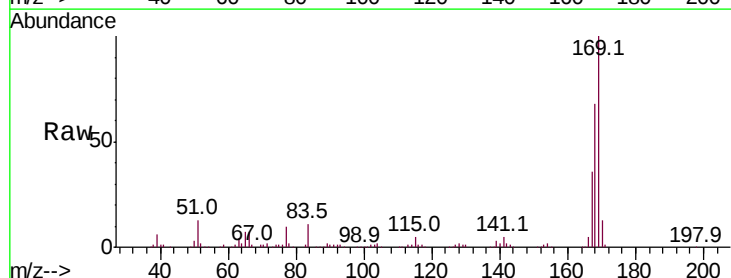
Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Tgt Ion:169 Resp: 416172

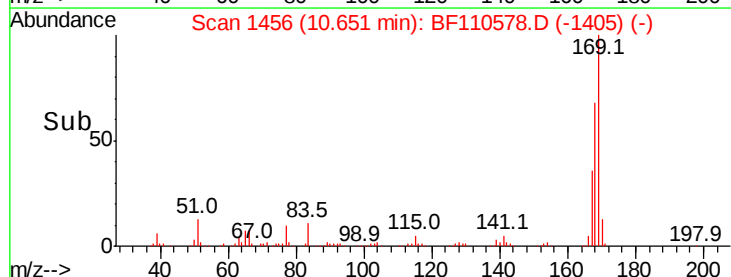
Ion	Ratio	Lower	Upper
169	100		
168	67.7	51.2	76.8
167	36.2	27.8	41.6

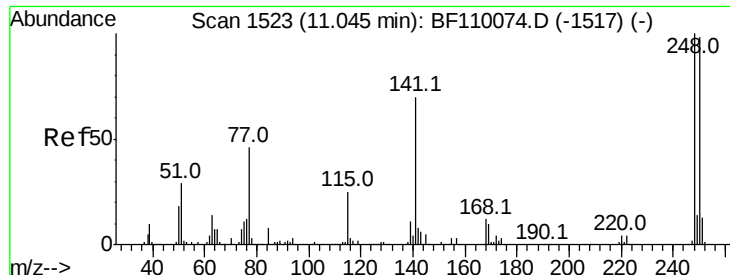


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

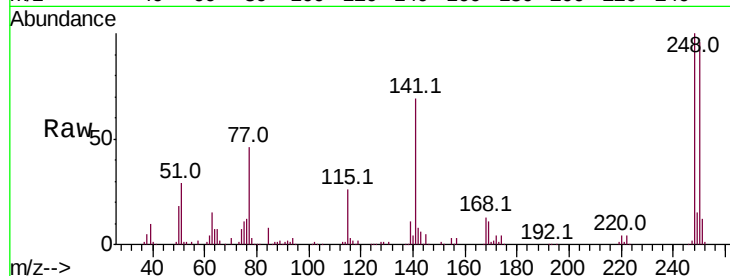




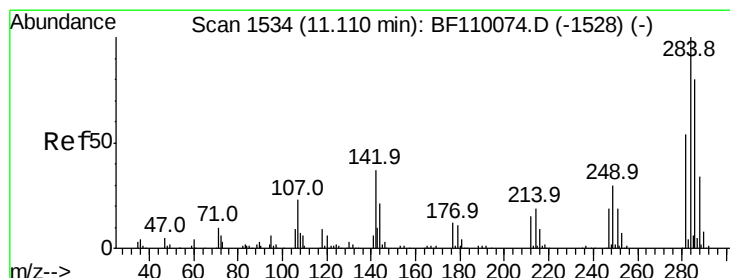
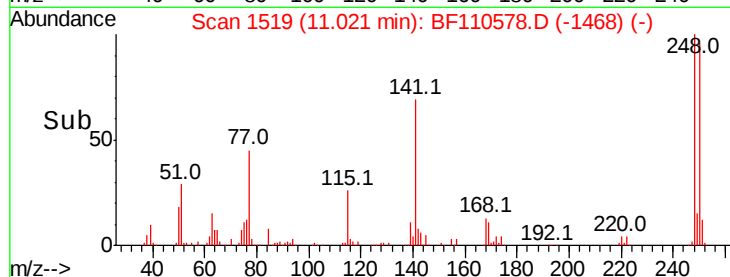
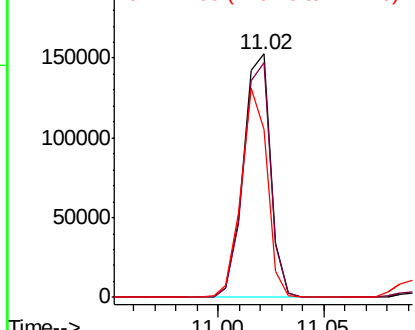
#67
4-Bromophenyl-phenylether
Concen: 40.320 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 136282
Ion Ratio Lower Upper
248 100
250 96.4 79.4 119.2
141 68.8 55.9 83.9

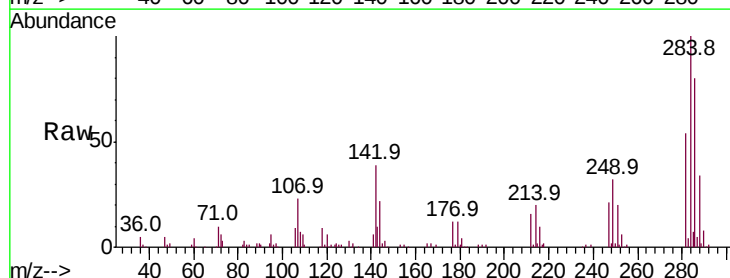


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

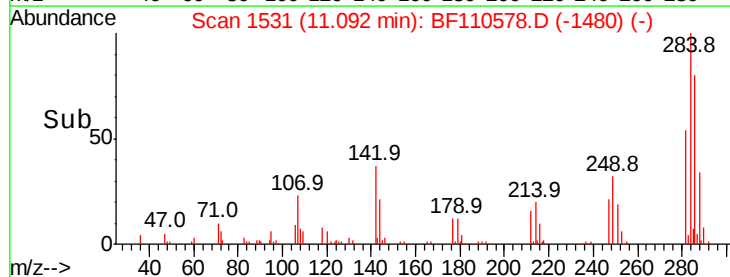
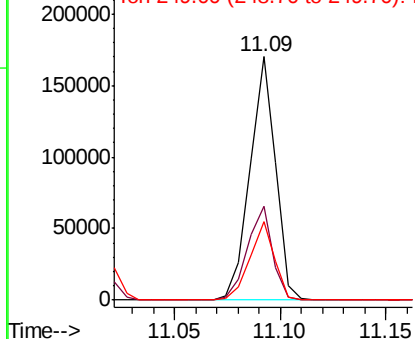


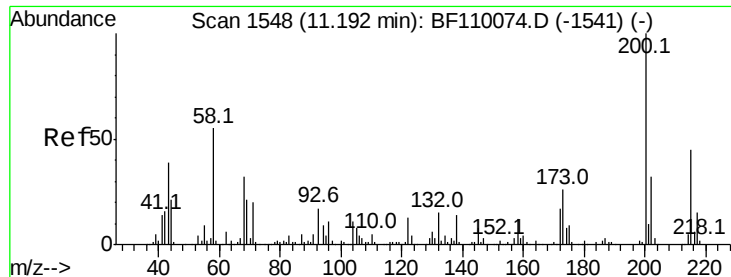
#68
Hexachlorobenzene
Concen: 40.035 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:284 Resp: 143579
Ion Ratio Lower Upper
284 100
142 38.6 23.9 35.9#
249 32.3 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

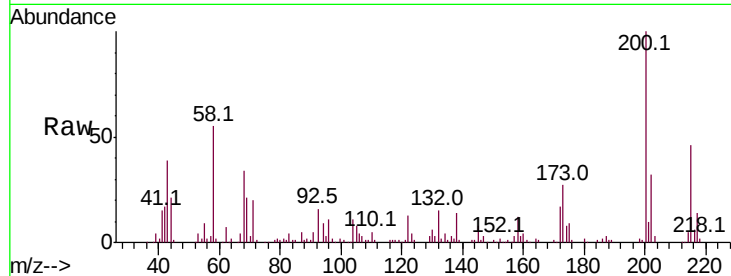




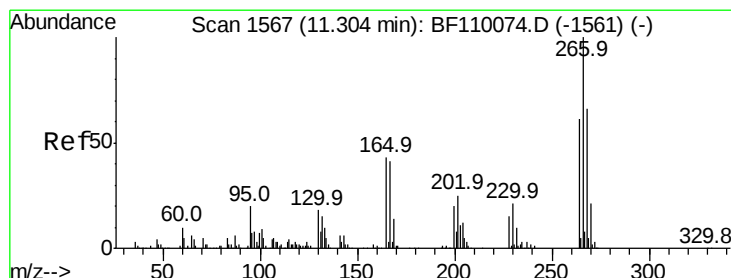
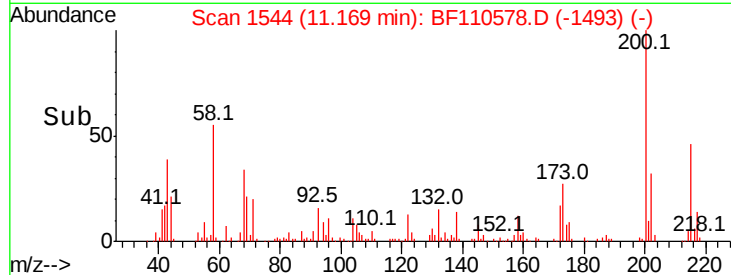
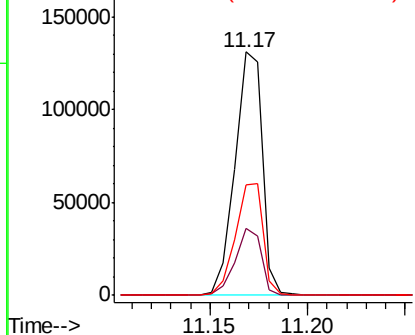
#69
 Atrazine
 Concen: 39.458 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 127448
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.6 46.6
 215 45.6 26.3 66.3

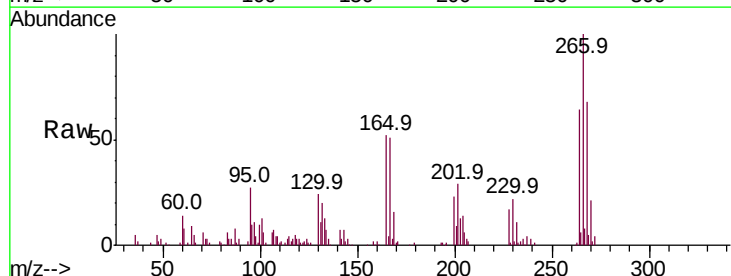


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

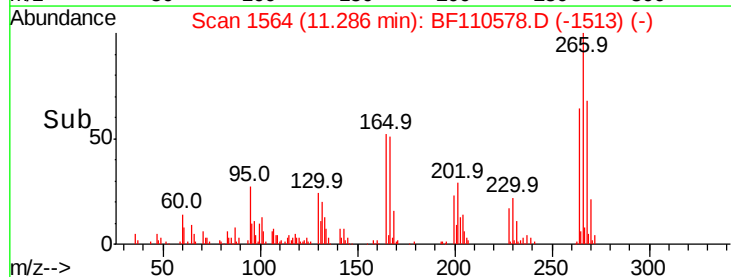
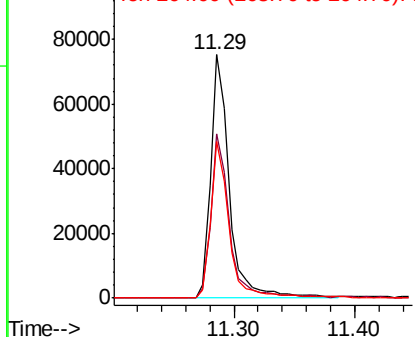


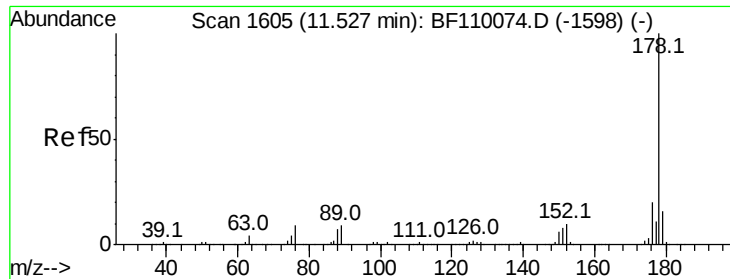
#70
 Pentachlorophenol
 Concen: 38.318 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Tgt Ion:266 Resp: 80130
 Ion Ratio Lower Upper
 266 100
 268 67.6 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

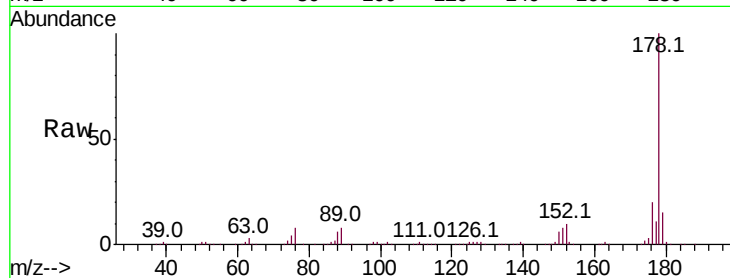




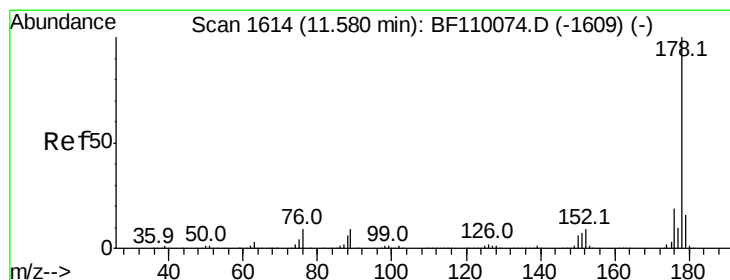
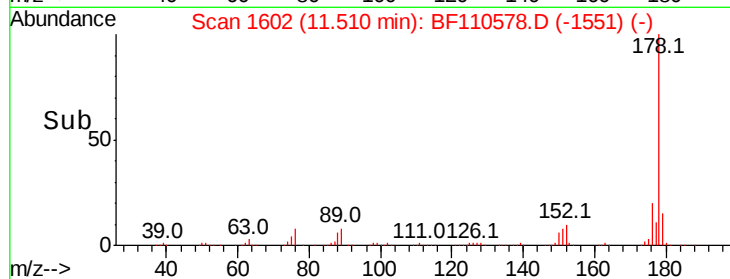
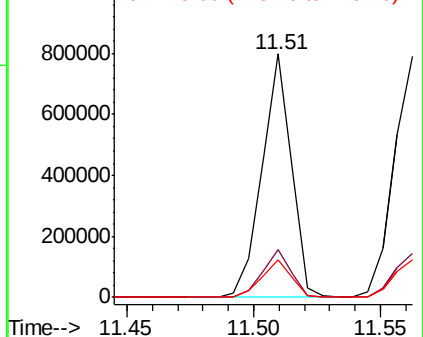
#71
Phenanthrene
Concen: 39.775 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 648511
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.5 18.7

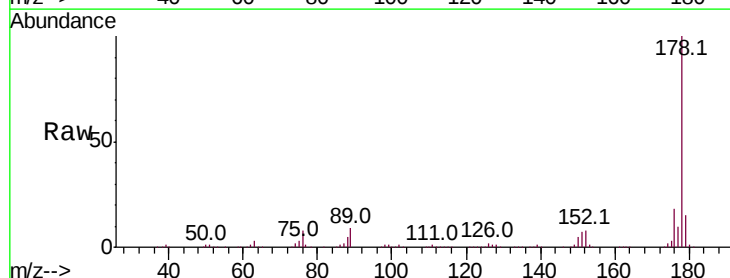


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

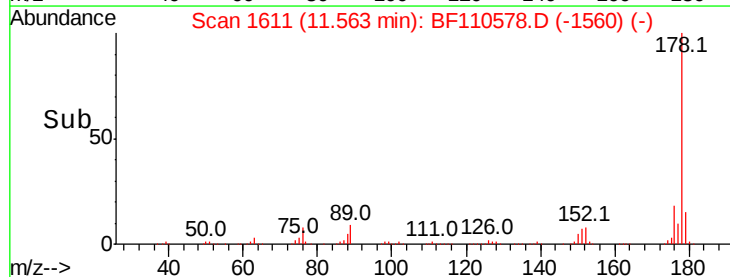
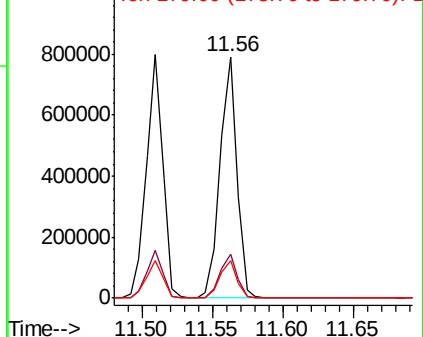


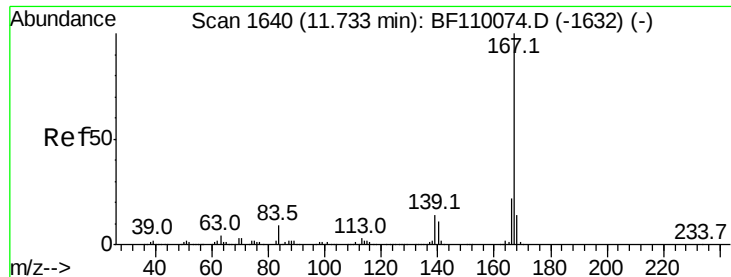
#72
Anthracene
Concen: 40.541 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:178 Resp: 662554
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.4 12.6 18.8



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

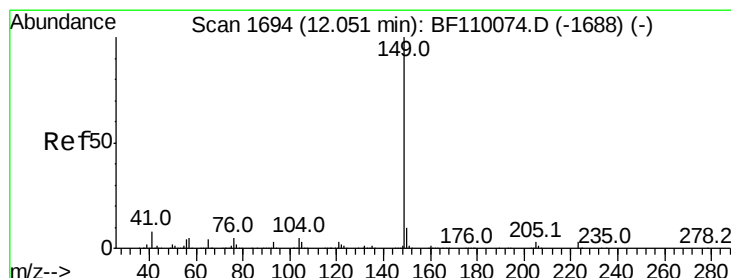
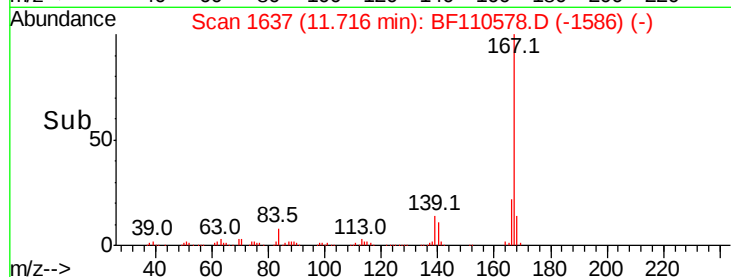
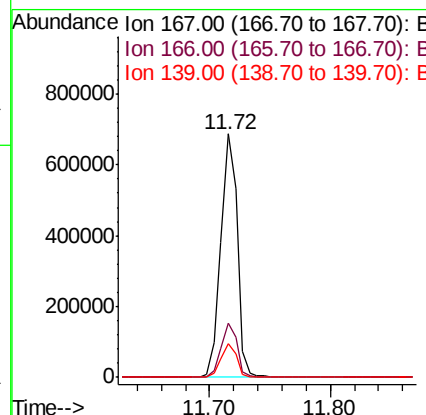
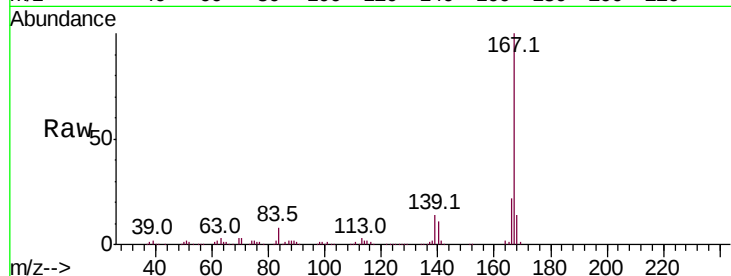




#73
 Carbazole
 Concen: 40.188 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

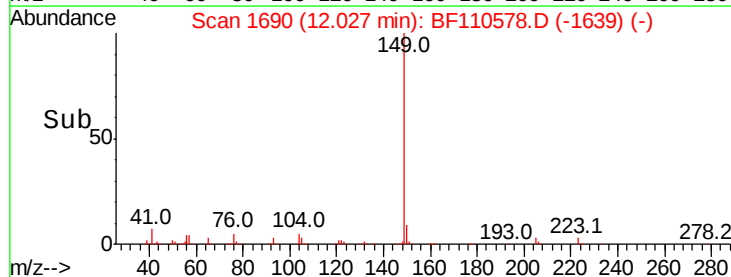
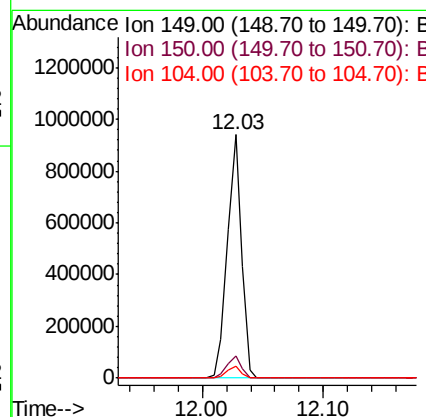
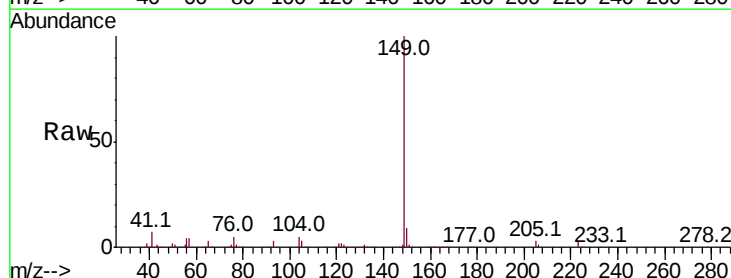
Instrument :
 BNA_F
 ClientSampleId :

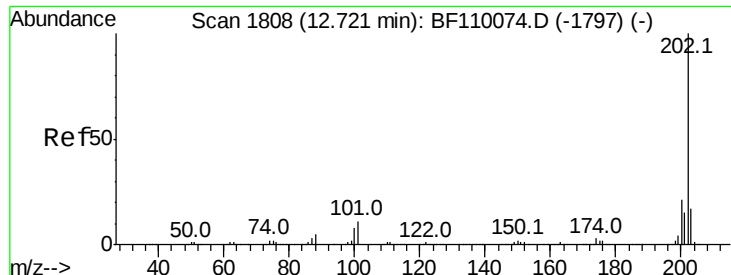
Tot Ion:167 Resp: 641275
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 42.144 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Tgt Ion:149 Resp: 759511
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 4.9 4.2 6.4

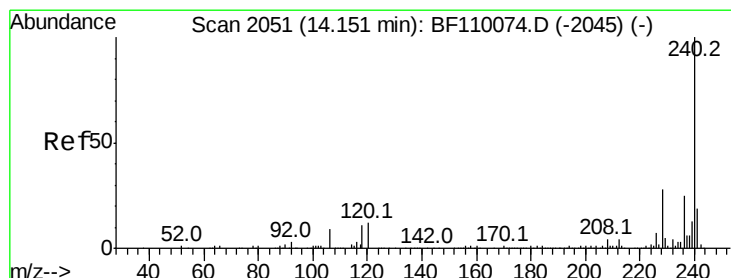
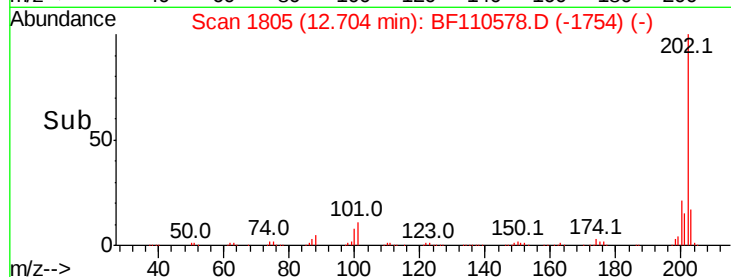
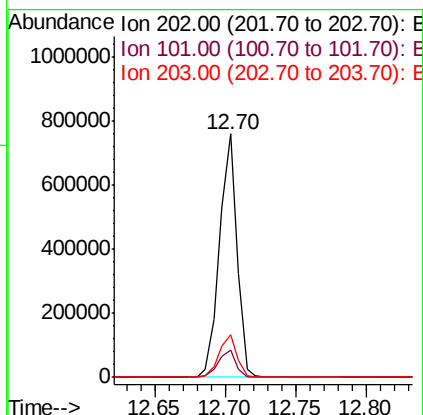
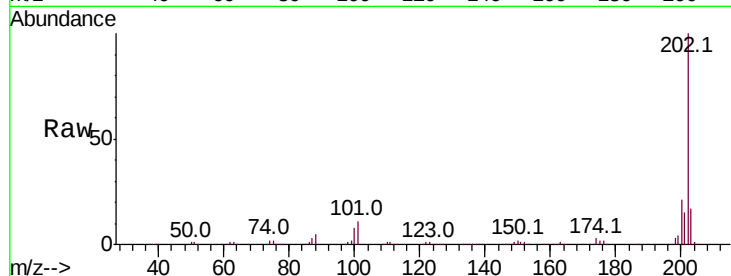




#75
 Fluoranthene
 Concen: 39.639 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

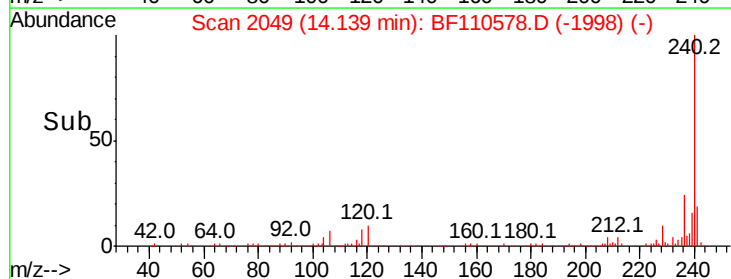
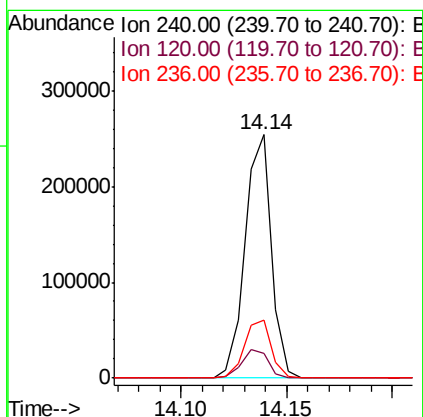
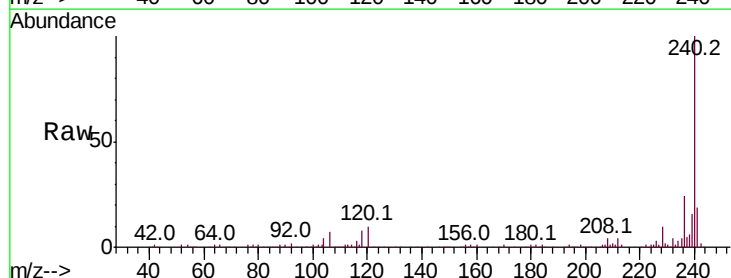
Instrument :
 BNA_F
 ClientSampleId :

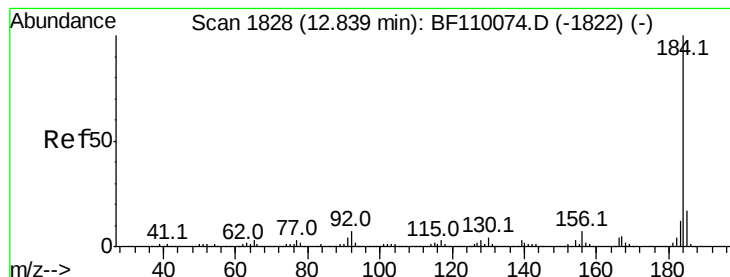
Tot Ion:202 Resp: 655922
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 31.4
 203 17.4 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Tgt Ion:240 Resp: 219914
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 24.0 21.2 31.8





#77

Benzidine

Concen: 31.158 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampleId :

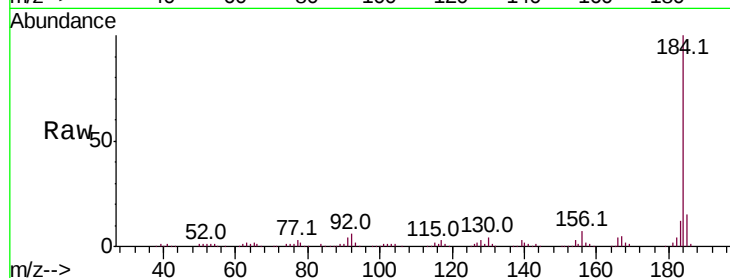
Tot Ion:184 Resp: 233261

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

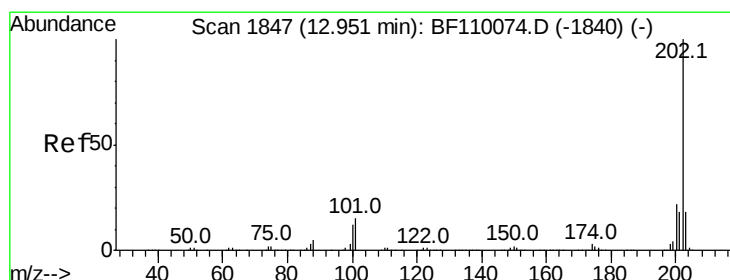
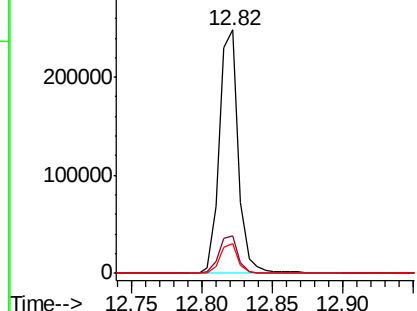
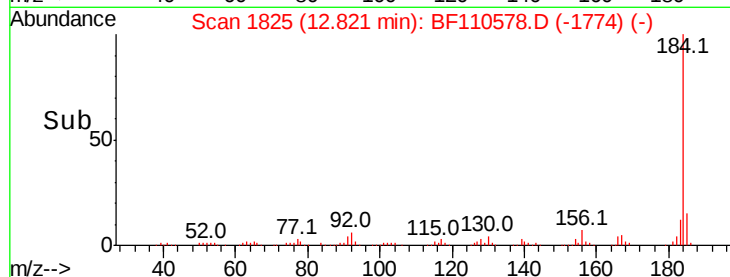
183 12.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.806 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

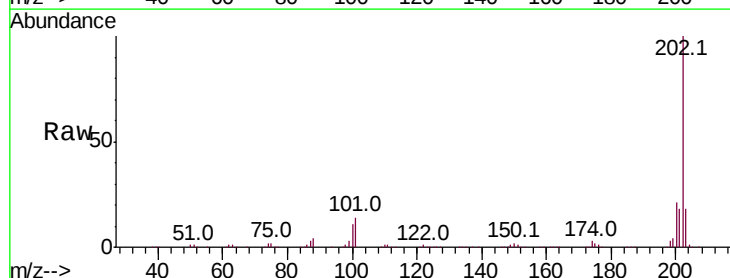
Tgt Ion:202 Resp: 674879

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

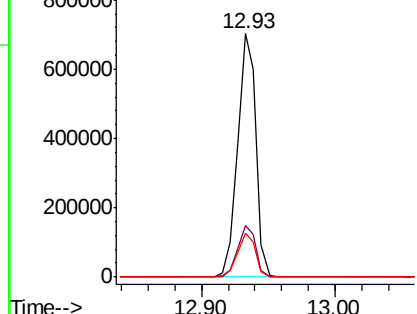
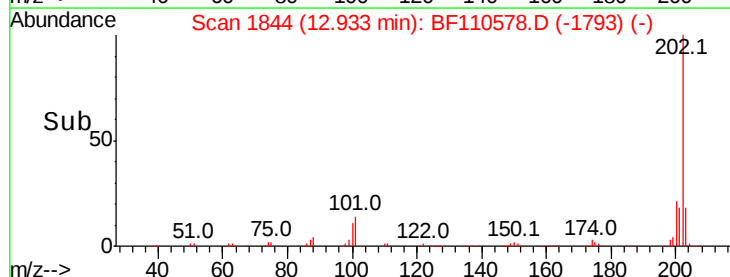
203 18.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.120 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampleId :

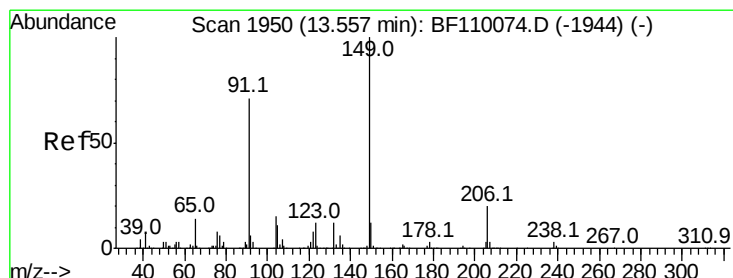
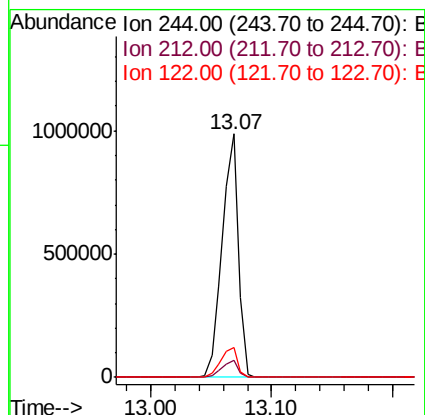
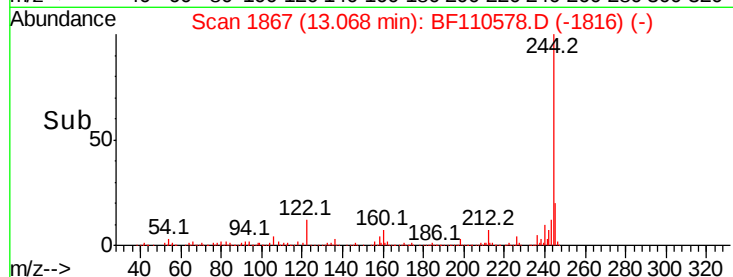
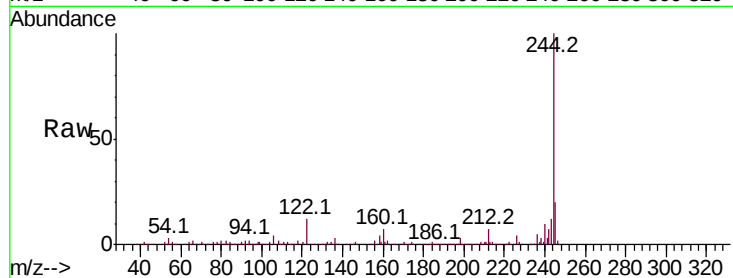
Tot Ion:244 Resp: 910656

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 12.1 8.7 13.1



#80

Butylbenzylphthalate

Concen: 43.620 ng

RT: 13.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

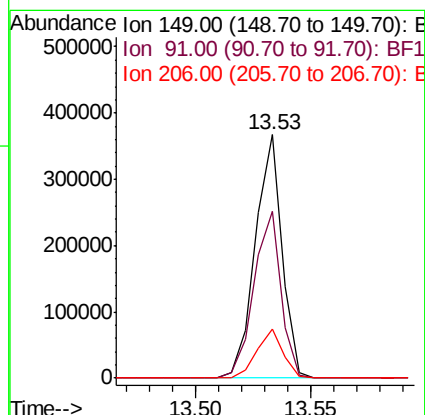
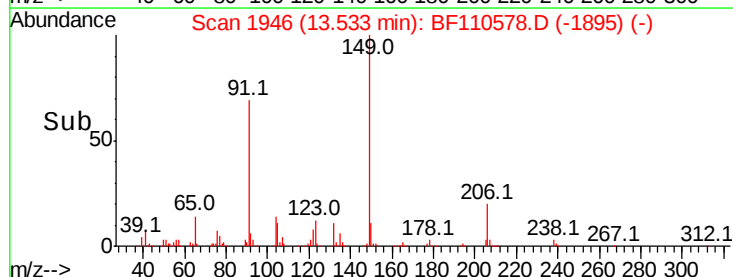
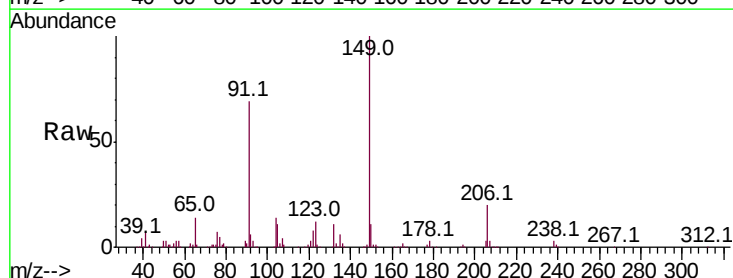
Tgt Ion:149 Resp: 298493

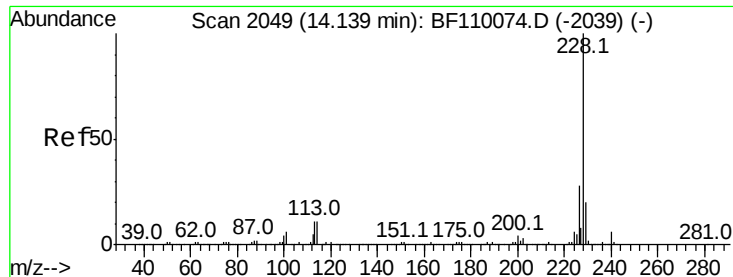
Ion Ratio Lower Upper

149 100

91 68.7 57.2 85.8

206 20.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 40.098 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampleId :

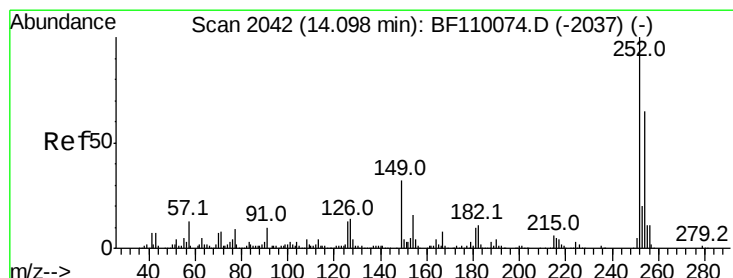
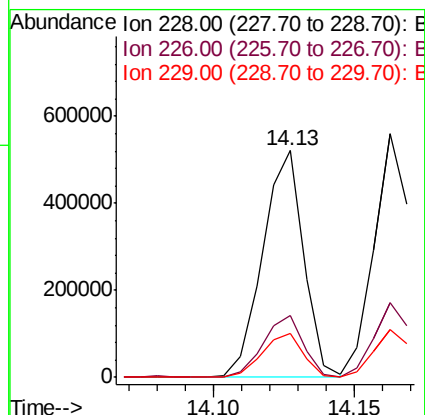
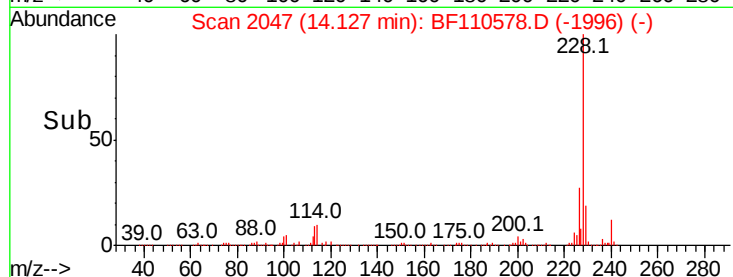
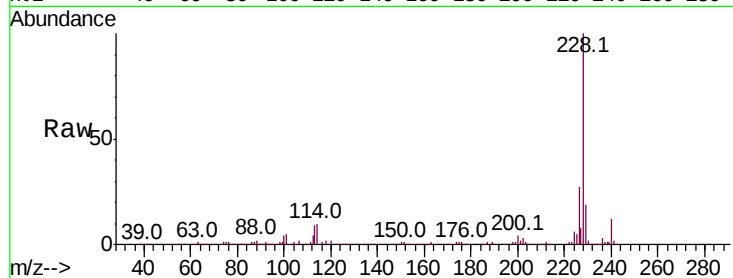
Tot Ion:228 Resp: 522935

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 19.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 37.976 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

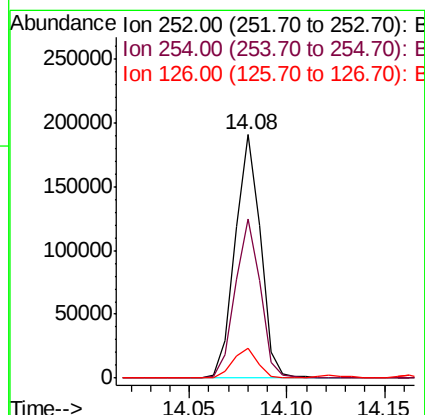
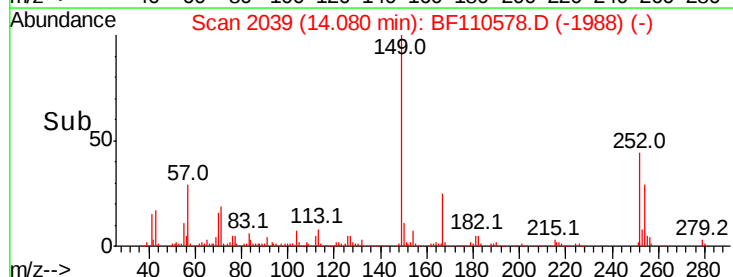
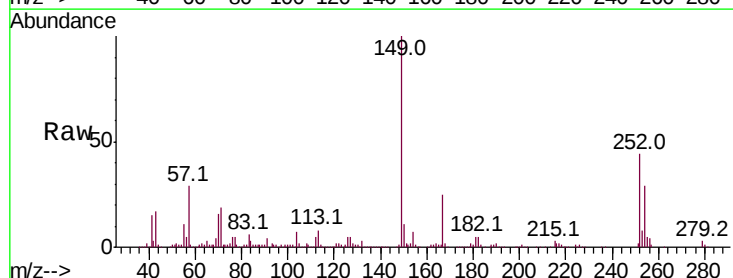
Tgt Ion:252 Resp: 172456

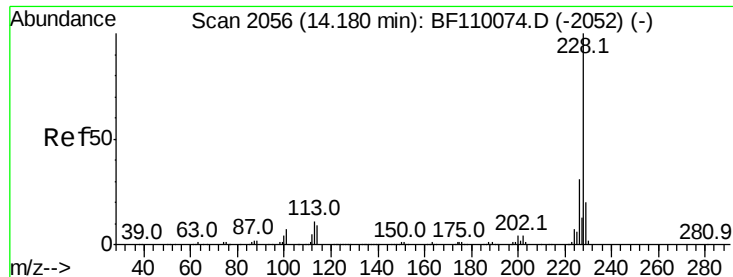
Ion Ratio Lower Upper

252 100

254 65.2 51.3 76.9

126 12.4 9.4 14.2





#83

Chrysene

Concen: 39.032 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

Instrument :

BNA_F

ClientSampleId :

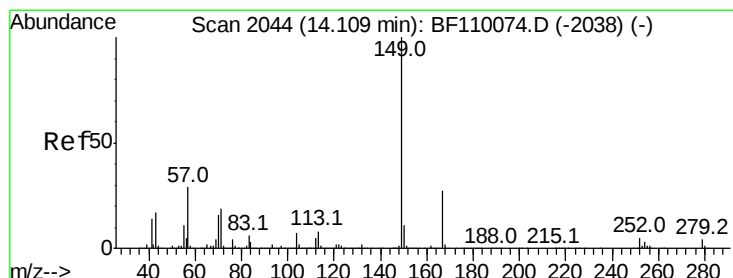
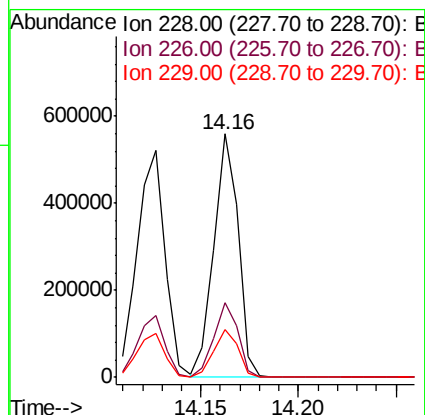
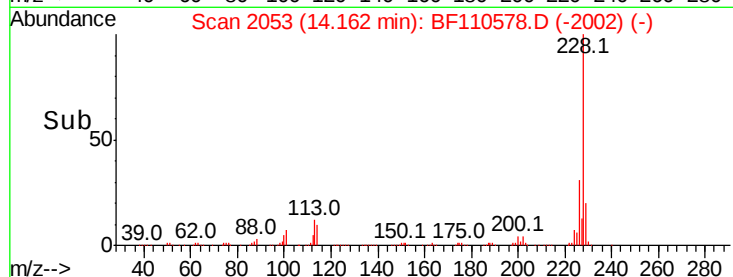
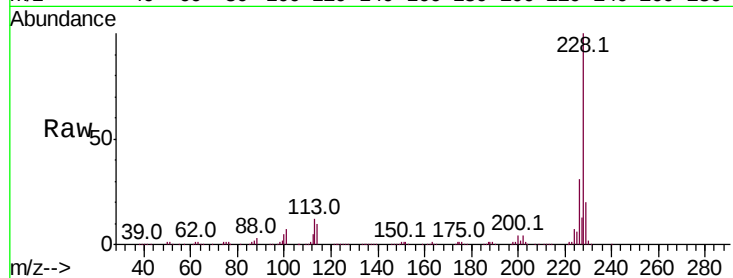
Tot Ion:228 Resp: 483480

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.760 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110578.D

Acq: 8 Nov 2018 12:09

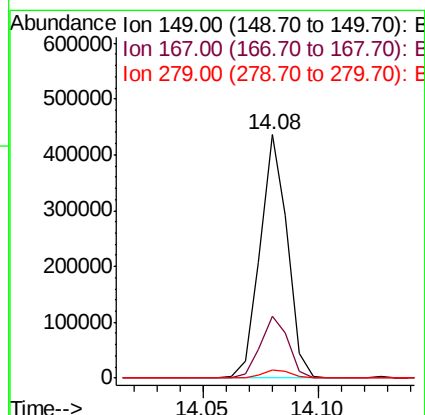
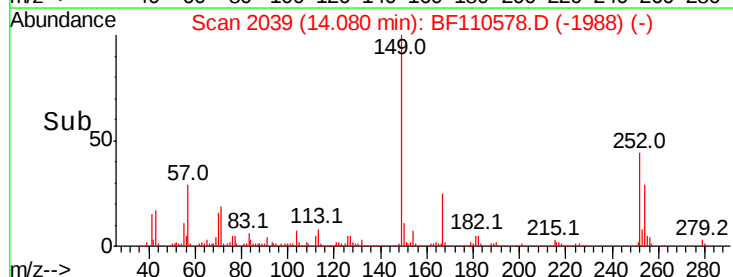
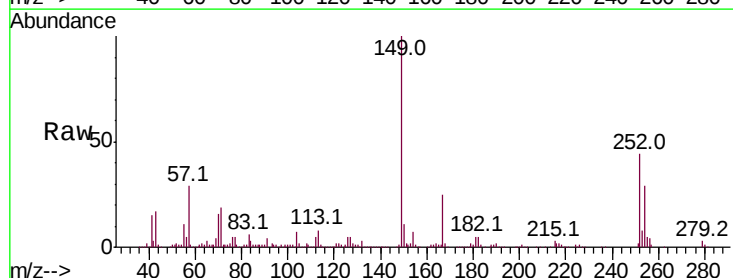
Tgt Ion:149 Resp: 358545

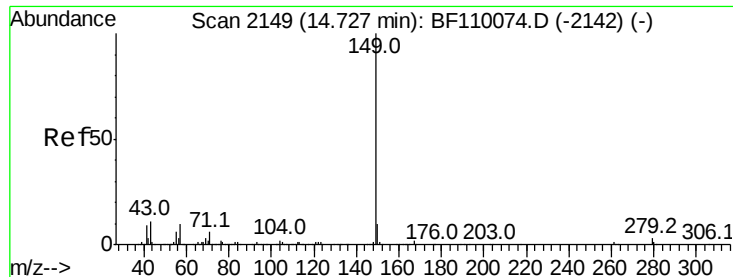
Ion Ratio Lower Upper

149 100

167 25.5 19.8 29.8

279 3.3 2.7 4.1

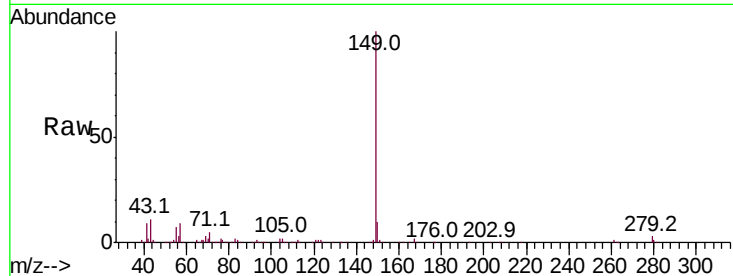




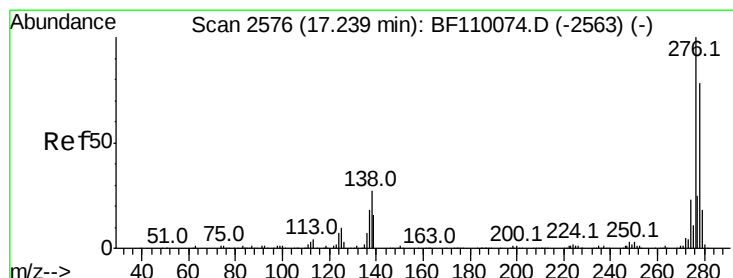
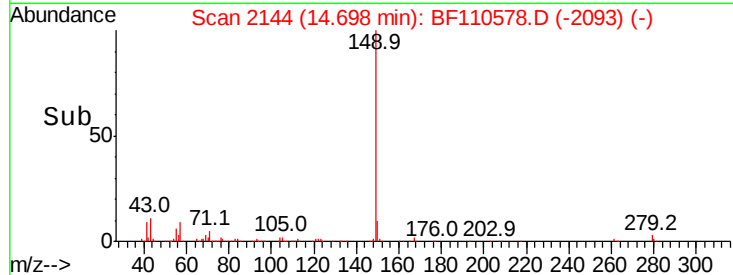
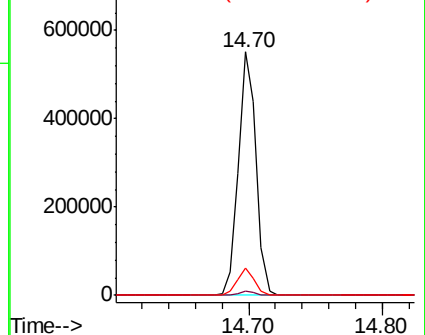
#85
Di-n-octyl phthalate
Concen: 35.563 ng
RT: 14.70 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 511534
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.8 7.8 11.8

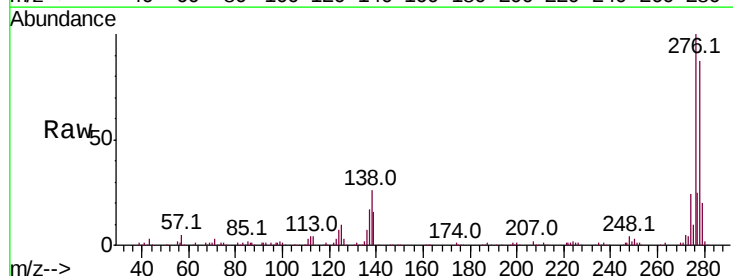


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

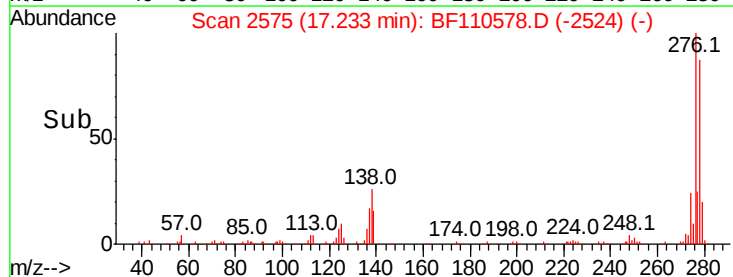
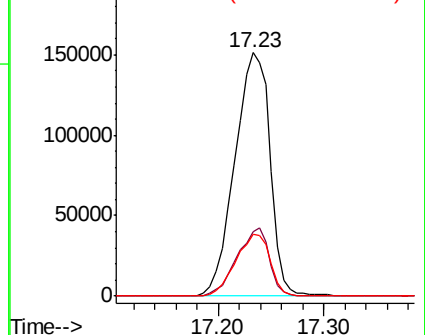


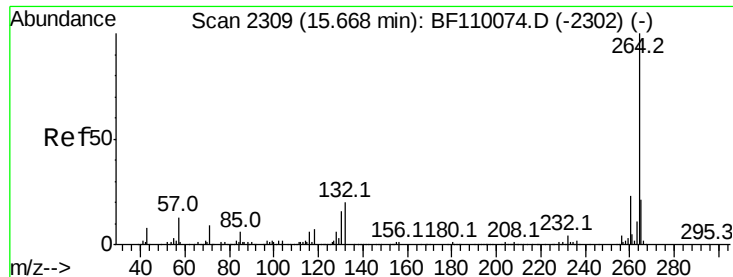
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.078 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:276 Resp: 350183
Ion Ratio Lower Upper
276 100
138 25.6 18.5 27.7
277 24.7 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

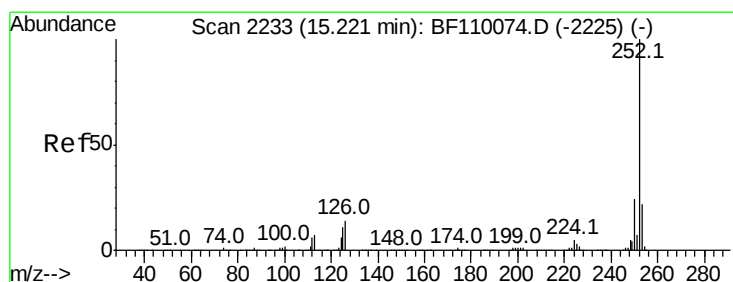
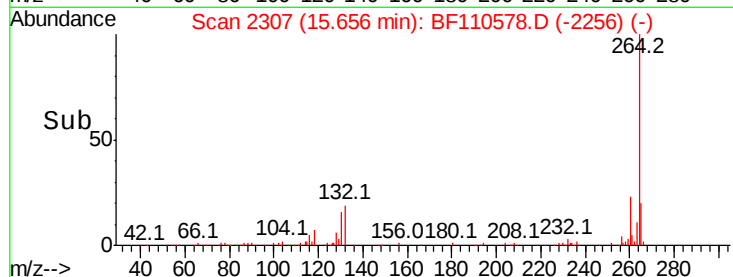
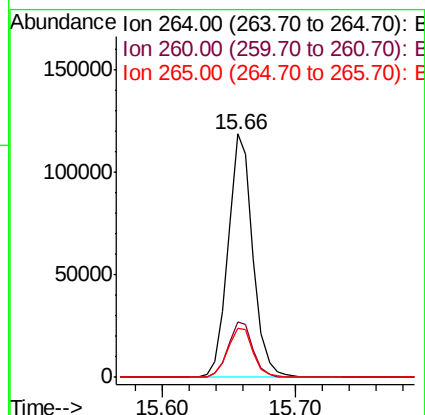
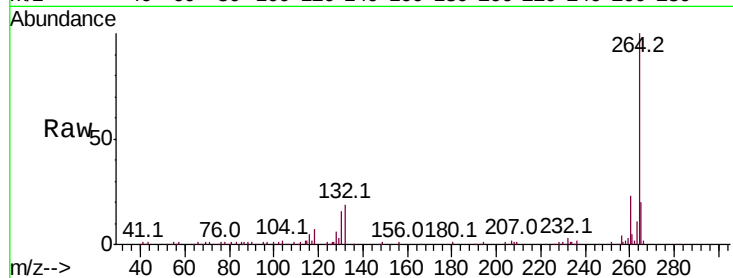




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

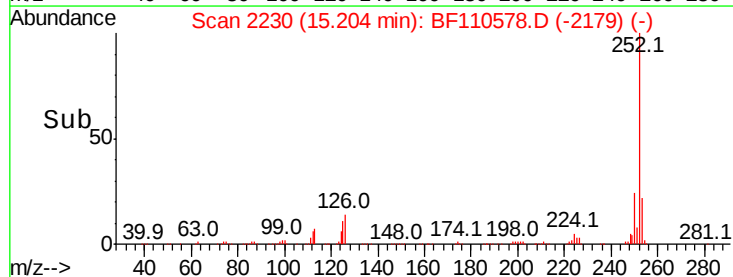
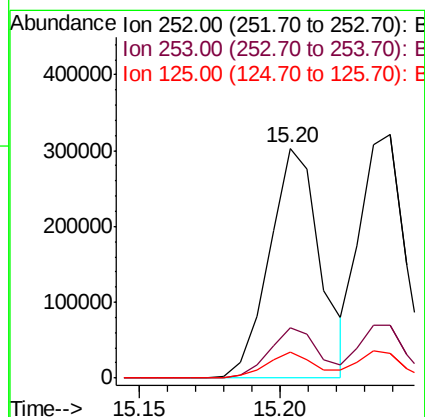
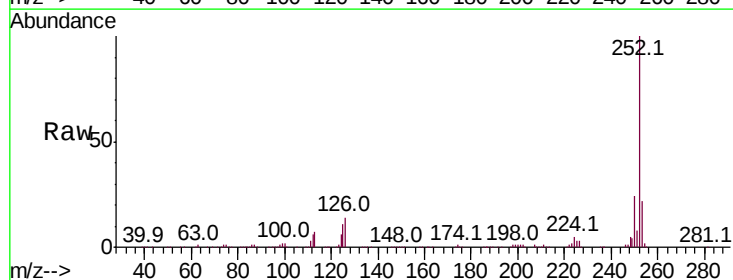
Instrument :
 BNA_F
 ClientSampleId :

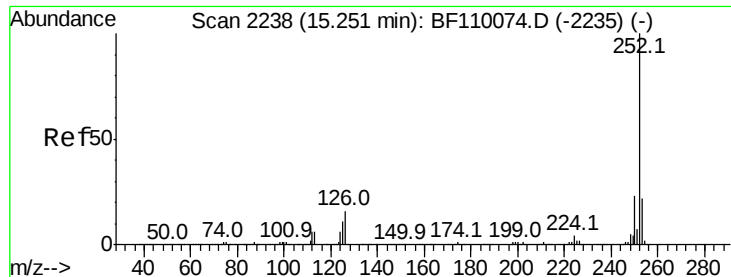
Tot Ion:264 Resp: 154059
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 20.0 16.7 25.1



#88
 Benzo(b)fluoranthene
 Concen: 42.564 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BF110578.D
 Acq: 8 Nov 2018 12:09

Tgt Ion:252 Resp: 378660
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 11.4 8.2 12.4

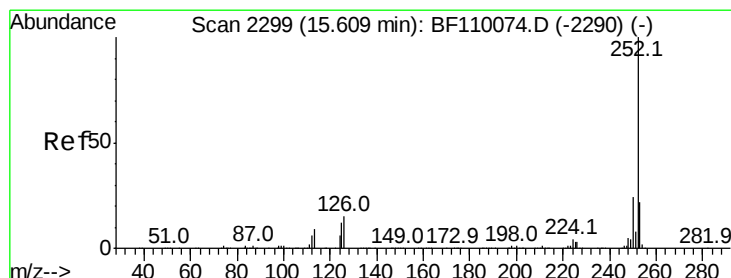
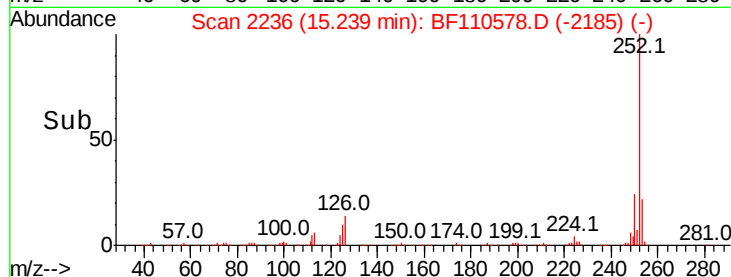
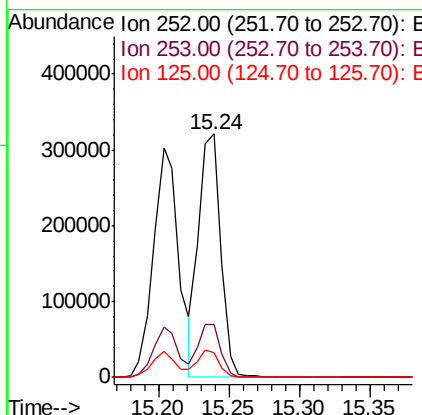
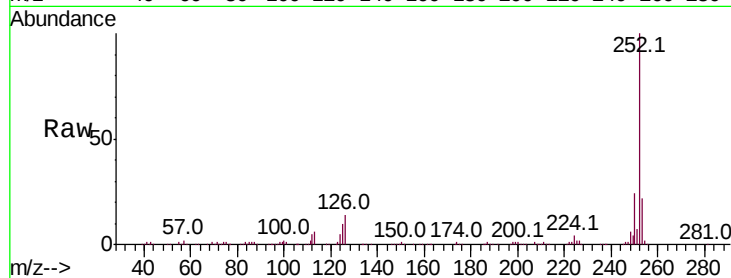




#89
Benzo(k)fluoranthene
Concen: 40.083 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

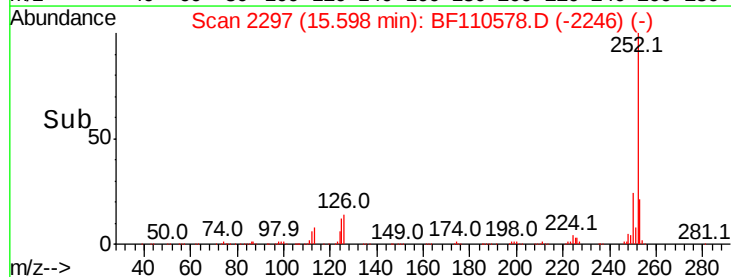
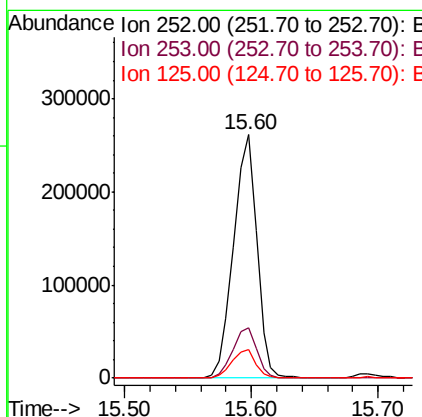
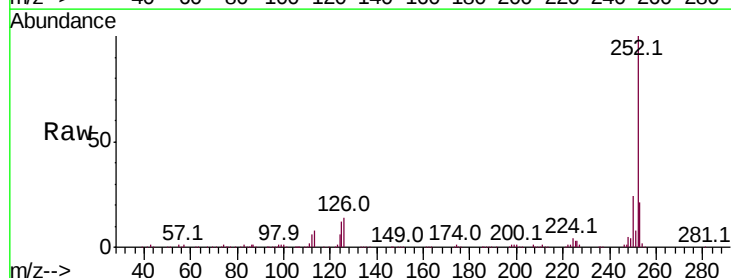
Instrument :
BNA_F
ClientSampleId :

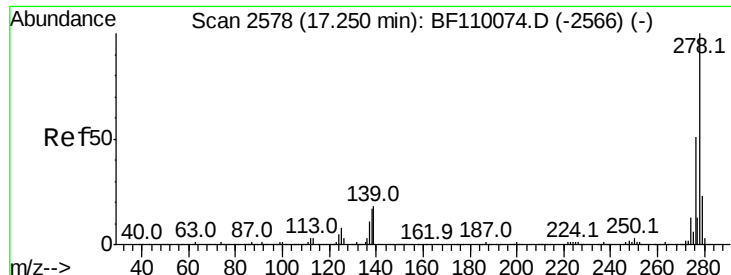
Tot Ion:252 Resp: 350562
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.661 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion:252 Resp: 332858
Ion Ratio Lower Upper
252 100
253 20.7 18.2 27.4
125 11.6 9.0 13.6

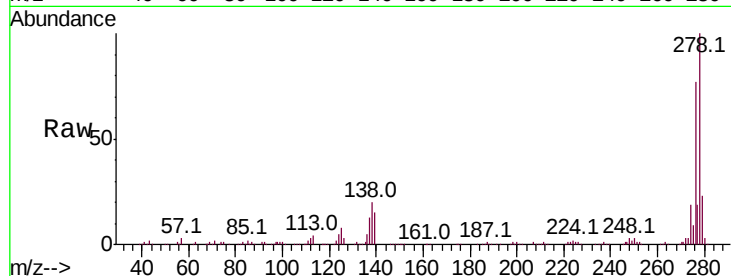




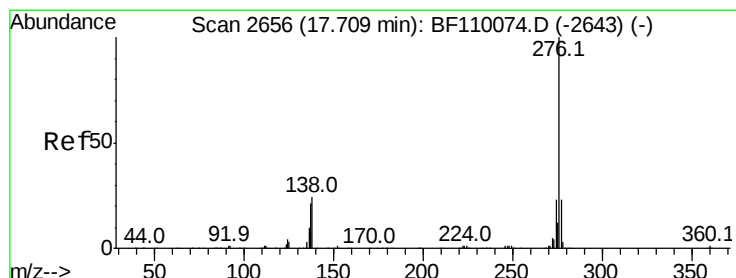
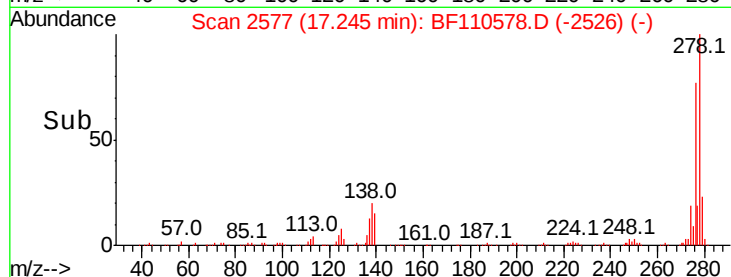
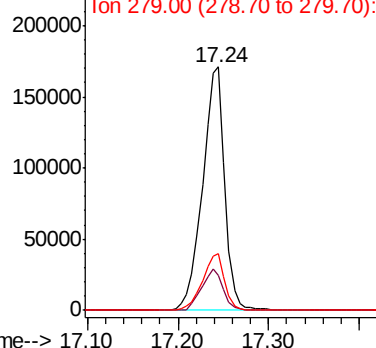
#91
Dibenzo(a,h)anthracene
Concen: 41.226 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.7	19.1
279	23.3	19.0	28.4

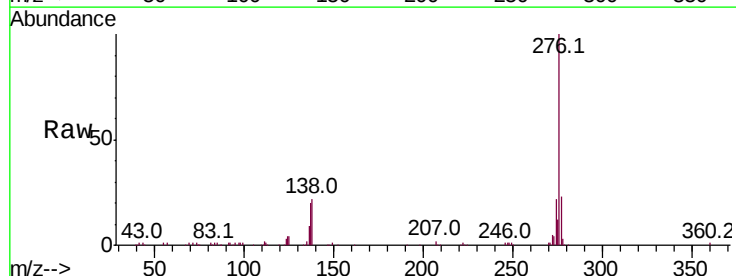


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.689 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.00 min
Lab File: BF110578.D
Acq: 8 Nov 2018 12:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	21.9	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

