

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110577.D
 Acq On : 8 Nov 2018 11:42
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 13:46:21 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	78128	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	335783	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	160693	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	300377	20.00	ng	0.00
76) Chrysene-d12	14.13	240	228134	20.00	ng	0.00
87) Perylene-d12	15.66	264	159648	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	251395	52.40	ng	0.00
7) Phenol-d6	6.57	99	315944	51.49	ng	0.00
23) Nitrobenzene-d5	7.51	82	295447	52.19	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	84730	53.23	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	577807	56.46	ng	0.00
79) Terphenyl-d14	13.06	244	607177	55.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	60419	24.037	ng	92
3) Pyridine	3.57	79	129665	23.160	ng	# 80
4) n-Nitrosodimethylamine	3.52	42	56330	24.015	ng	# 93
6) Aniline	6.61	93	200761	25.114	ng	# 53
8) 2-Chlorophenol	6.73	128	146226	26.436	ng	97
9) Benzaldehyde	6.50	77	95605	25.661	ng	93
10) Phenol	6.58	94	181443	27.661	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	134294	24.885	ng	94
12) 1,3-Dichlorobenzene	6.89	146	157505	25.875	ng	98
13) 1,4-Dichlorobenzene	6.96	146	161082	26.165	ng	98
14) 1,2-Dichlorobenzene	7.12	146	150176	26.277	ng	100
15) Benzyl Alcohol	7.09	79	124950	26.474	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	216930	25.141	ng	69
17) 2-Methylphenol	7.19	107	113994	25.859	ng	# 83
18) Hexachloroethane	7.46	117	58620	26.008	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	100143	25.437	ng	94
20) 3+4-Methylphenols	7.35	107	150152	26.351	ng	98
22) Acetophenone	7.36	105	201659	26.064	ng	# 97
24) Nitrobenzene	7.53	77	152582	26.106	ng	97
25) Isophorone	7.76	82	239518	24.820	ng	97
26) 2-Nitrophenol	7.85	139	76388	27.465	ng	93
27) 2,4-Dimethylphenol	7.87	122	114316	24.790	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	163224	24.898	ng	98
29) 2,4-Dichlorophenol	8.09	162	119890	25.734	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	132902	25.468	ng	97
31) Naphthalene	8.25	128	400725	25.894	ng	99
32) Benzoic acid	7.99	122	81796	22.951	ng	91
33) 4-Chloroaniline	8.30	127	176335	25.317	ng	99
34) Hexachlorobutadiene	8.36	225	77082	26.604	ng	97
35) Caprolactam	8.67	113	40186	24.749	ng	97
36) 4-Chloro-3-methylphenol	8.77	107	127546	25.318	ng	96
37) 2-Methylnaphthalene	8.94	142	264631	25.845	ng	99
38) 1-Methylnaphthalene	9.04	142	255232	25.794	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	130753	26.115	ng	99

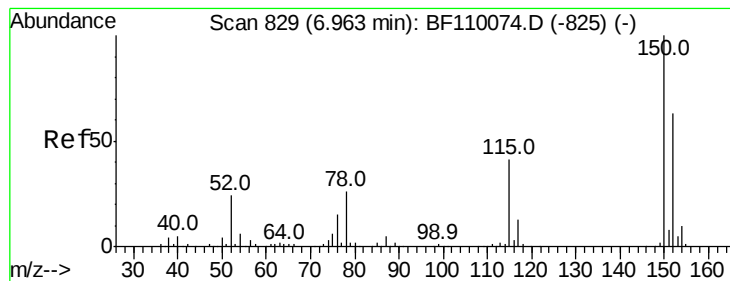
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110577.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	35541	13.882	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	82159	25.441	ng	97
44) 2,4,5-Trichlorophenol	9.26	196	88536	25.937	ng	96
46) 1,1'-Biphenyl	9.40	154	381332	26.242	ng	99
47) 2-Chloronaphthalene	9.43	162	275947	25.888	ng	100
48) 2-Nitroaniline	9.53	65	84724	26.230	ng	95
49) Acenaphthylene	9.85	152	396356	25.745	ng	99
50) Dimethylphthalate	9.70	163	301819	25.444	ng	100
51) 2,6-Dinitrotoluene	9.77	165	68299	26.730	ng	# 82
52) Acenaphthene	10.02	154	247263	24.277	ng	98
53) 3-Nitroaniline	9.95	138	78405	25.804	ng	97
54) 2,4-Dinitrophenol	10.06	184	21714	24.189	ng	85
55) Dibenzofuran	10.19	168	370203	25.961	ng	98
56) 4-Nitrophenol	10.10	139	51492	22.897	ng	93
57) 2,4-Dinitrotoluene	10.18	165	87526	26.969	ng	93
58) Fluorene	10.54	166	281630	26.537	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	69010	24.803	ng	94
60) Diethylphthalate	10.40	149	300428	25.945	ng	98
61) 4-Chlorophenyl-phenylether	10.53	204	146156	26.106	ng	96
62) 4-Nitroaniline	10.56	138	77440	25.625	ng	91
63) Azobenzene	10.69	77	295460	25.706	ng	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	36274	26.432	ng	85
66) n-Nitrosodiphenylamine	10.65	169	259103	26.299	ng	95
67) 4-Bromophenyl-phenylether	11.02	248	84636	25.976	ng	# 90
68) Hexachlorobenzene	11.09	284	89589	25.915	ng	97
69) Atrazine	11.17	200	81897	26.303	ng	97
70) Pentachlorophenol	11.29	266	47564	23.595	ng	95
71) Phenanthrene	11.51	178	413758	26.325	ng	99
72) Anthracene	11.56	178	418140	26.542	ng	100
73) Carbazole	11.72	167	405628	26.370	ng	99
74) Di-n-butylphthalate	12.03	149	468660	26.977	ng	98
75) Fluoranthene	12.70	202	417749	26.189	ng	99
77) Benzidine	12.82	184	160661	20.687	ng	97
78) Pyrene	12.93	202	426263	26.063	ng	99
80) Butylbenzylphthalate	13.53	149	185254	26.096	ng	94
81) Benzo(a)anthracene	14.12	228	342836	25.341	ng	100
82) 3,3'-Dichlorobenzidine	14.08	252	124006	26.323	ng	99
83) Chrysene	14.16	228	329947	25.677	ng	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	234871	24.475	ng	97
85) Di-n-octyl phthalate	14.70	149	340858	22.843	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	213181	19.998	ng	97
88) Benzo(b)fluoranthene	15.20	252	240291	26.064	ng	100
89) Benzo(k)fluoranthene	15.23	252	249675	27.548	ng	99
90) Benzo(a)pyrene	15.59	252	219551	25.881	ng	100
91) Dibenzo(a,h)anthracene	17.23	278	177828	24.295	ng	99
92) Benzo(g,h,i)perylene	17.70	276	174951	24.255	ng	99

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

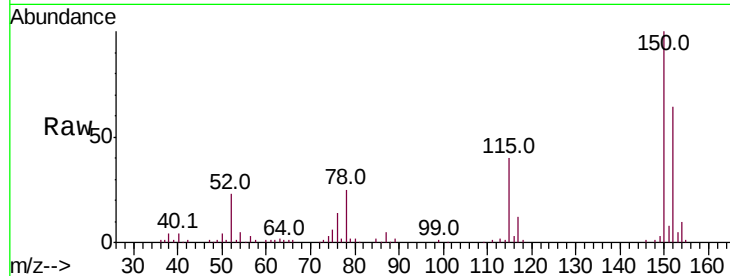


#1

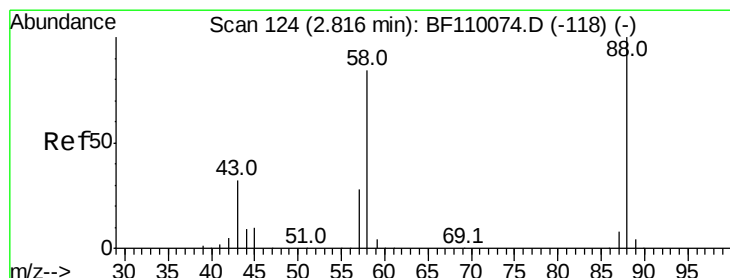
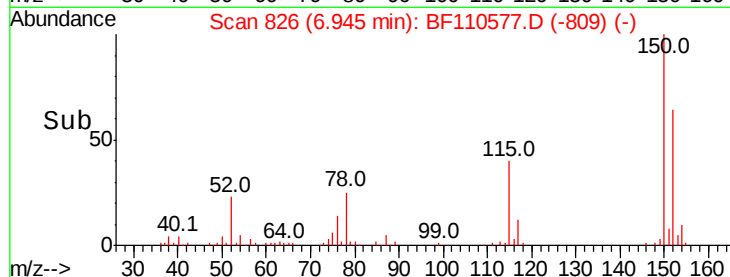
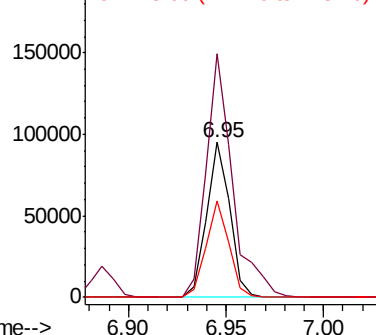
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78128
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 62.5 49.1 73.7



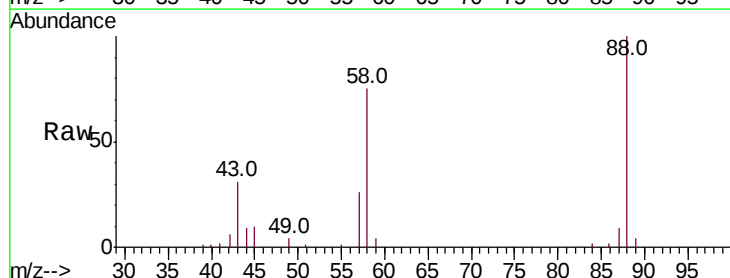
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



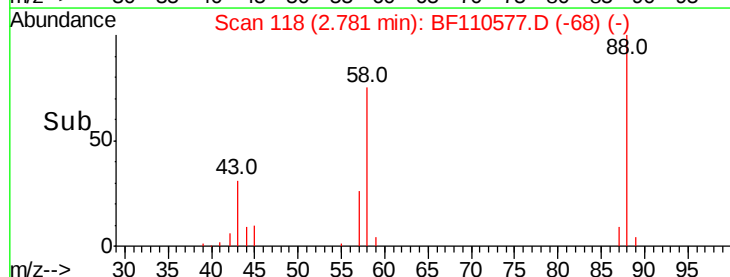
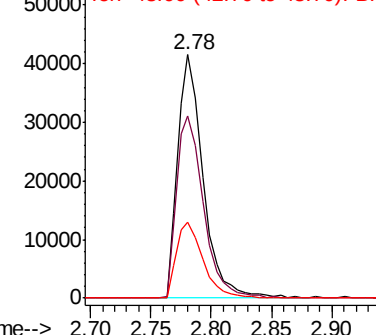
#2

1,4-Dioxane
Concen: 24.037 ng
RT: 2.78 min Scan# 118
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion: 88 Resp: 60419
Ion Ratio Lower Upper
88 100
58 79.0 57.1 85.7
43 32.7 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: 23.160 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampleId :

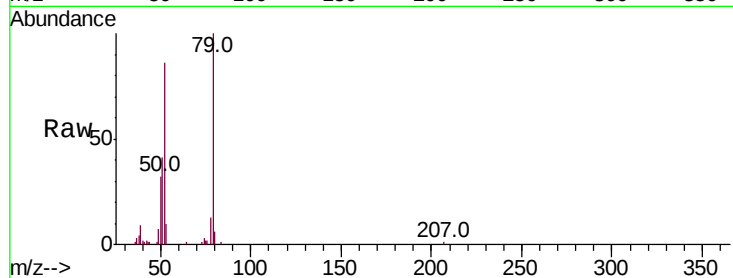
Tot Ion: 79 Resp: 129665

Ion Ratio Lower Upper

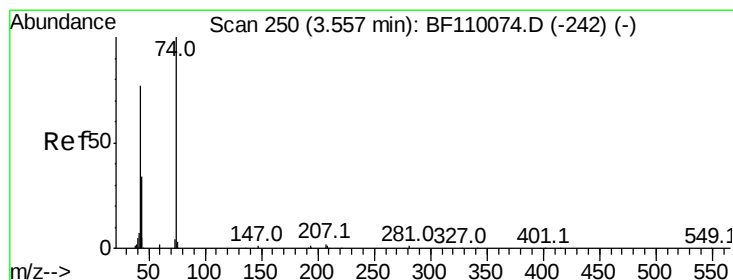
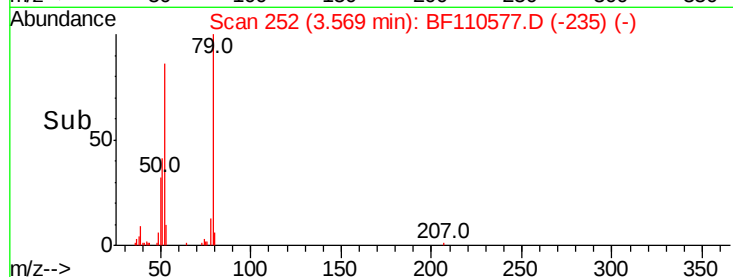
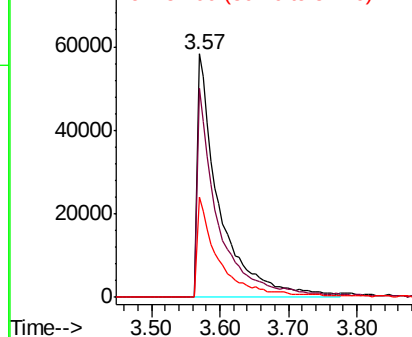
79 100

52 85.7 53.1 79.7#

51 41.4 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: 24.015 ng

RT: 3.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

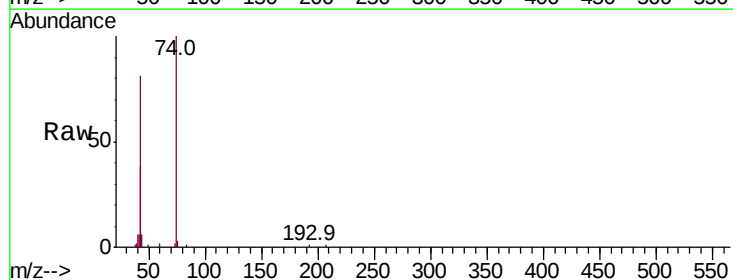
Tgt Ion: 42 Resp: 56330

Ion Ratio Lower Upper

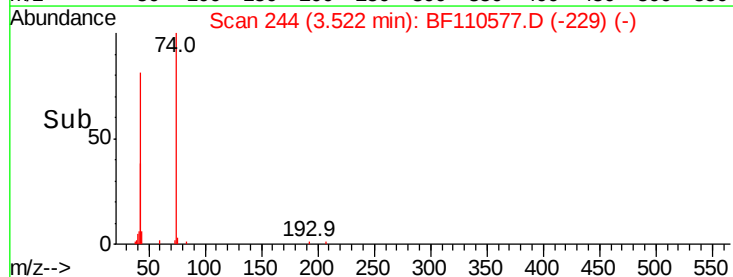
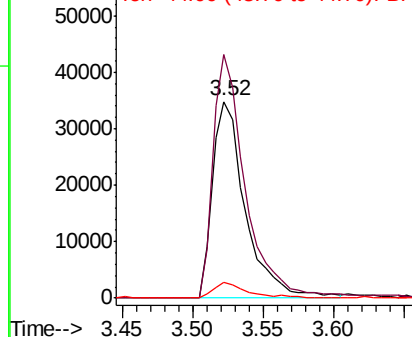
42 100

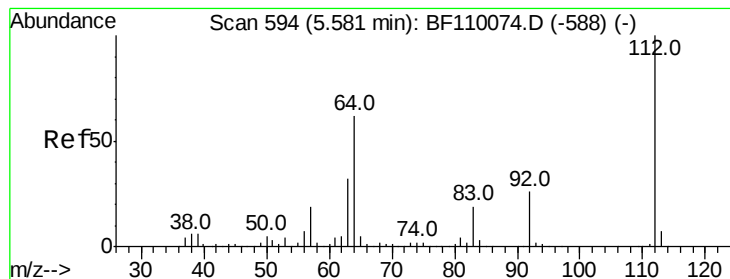
74 123.7 105.5 158.3

44 7.9 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: 52.399 ng

RT: 5.56 min Scan# 591

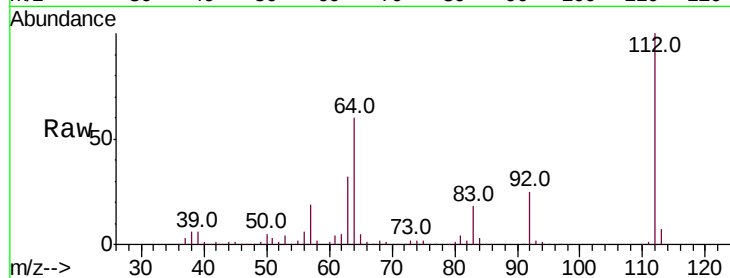
Delta R.T. 0.00 min

Lab File: BF110577.D

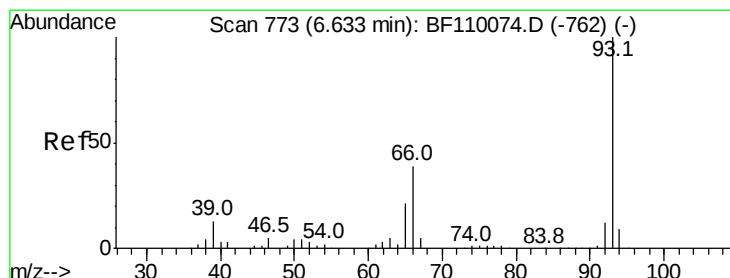
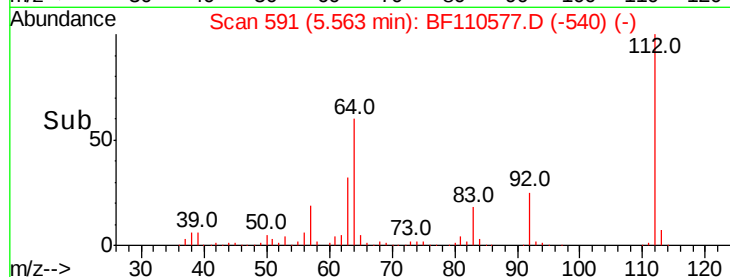
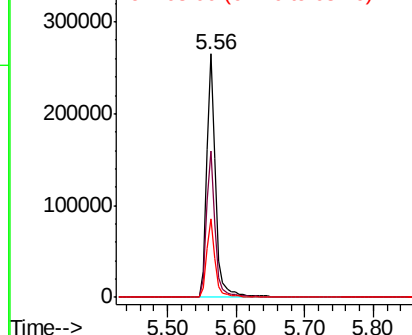
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	251395
Ion	Ratio	Lower	Upper
112	100		
64	60.0	44.1	66.1
63	32.2	23.7	35.5



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



#6

Aniline

Concen: 25.114 ng

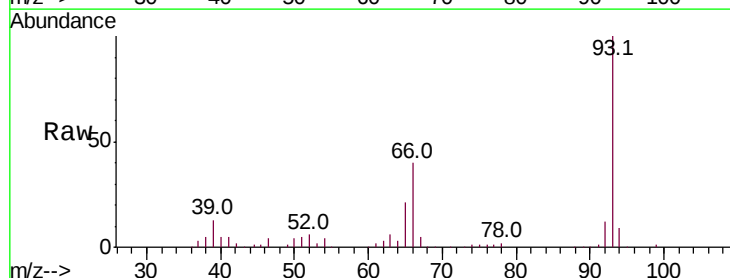
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

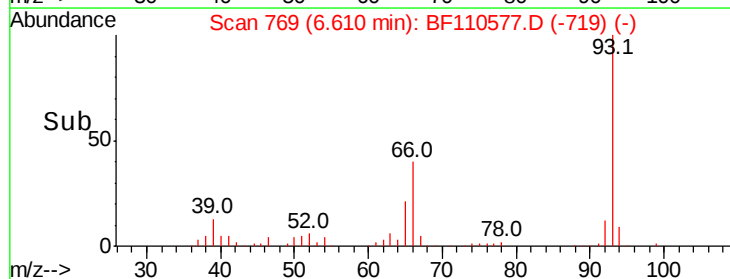
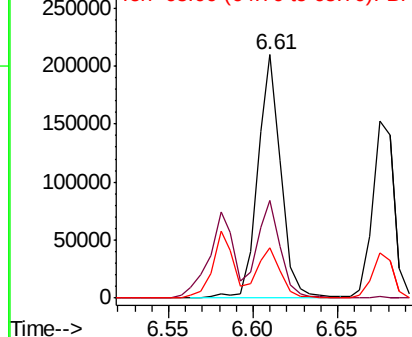
Lab File: BF110577.D

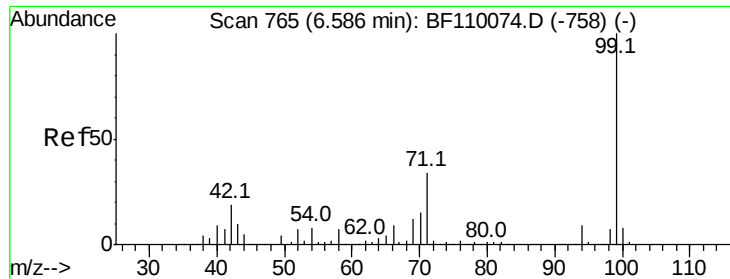
Acq: 8 Nov 2018 11:42

Tgt Ion:	93	Resp:	200761
Ion	Ratio	Lower	Upper
93	100		
66	40.0	67.4	101.0#
65	20.8	41.0	61.4#



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





#7

Phenol-d6

Concen: 51.485 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampleId :

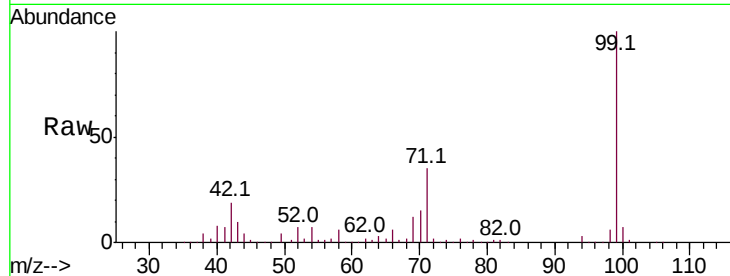
Tot Ion: 99 Resp: 315944

Ion Ratio Lower Upper

99 100

42 19.1 15.8 23.6

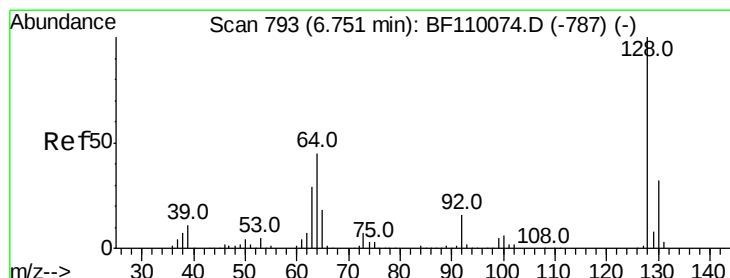
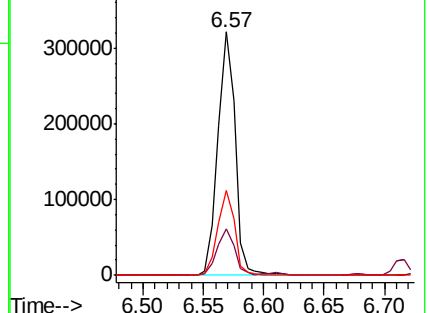
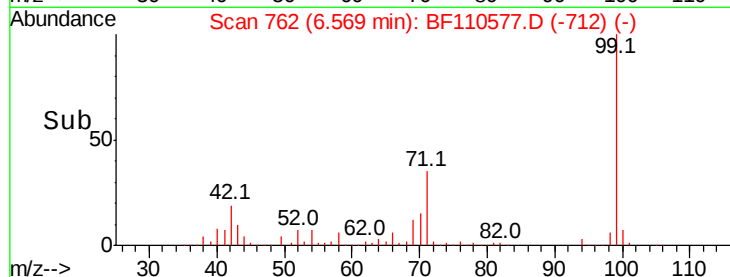
71 34.9 28.0 42.0



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: 26.436 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

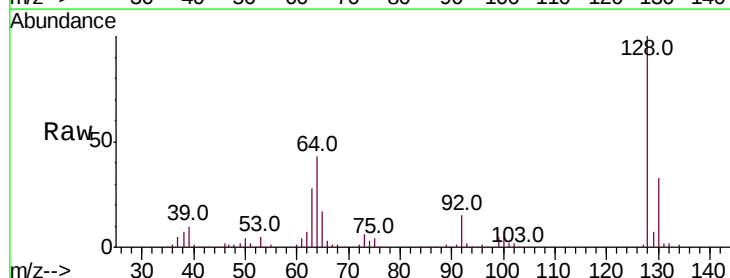
Tgt Ion:128 Resp: 146226

Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

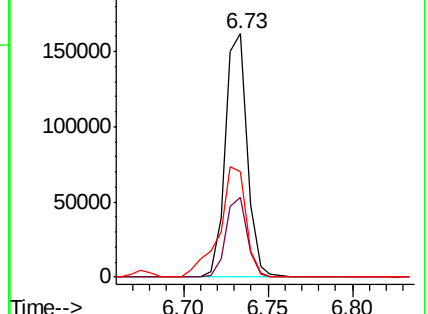
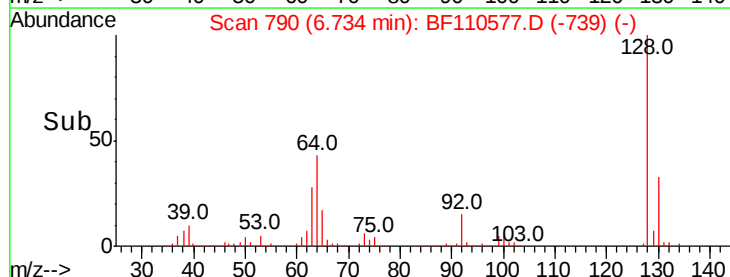
64 43.3 26.0 66.0

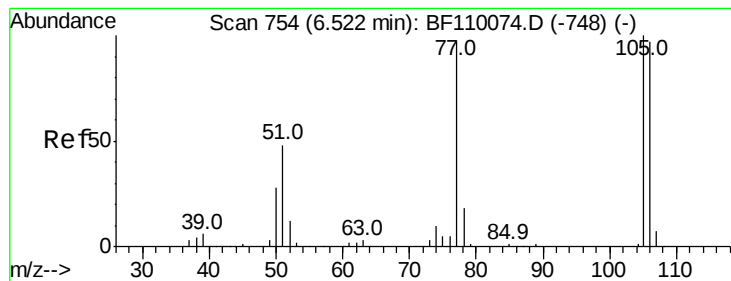


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.661 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampleId :

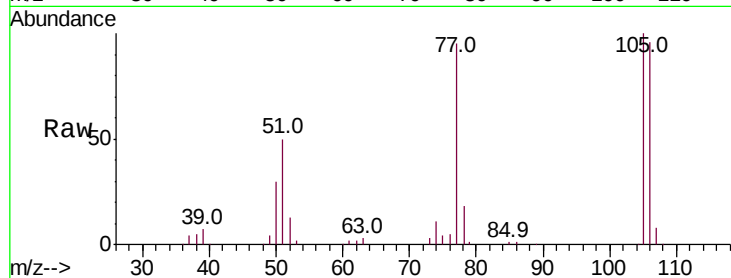
Tot Ion: 77 Resp: 95605

Ion Ratio Lower Upper

77 100

105 105.5 78.6 118.6

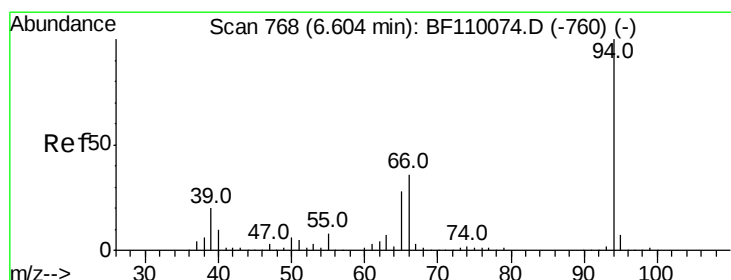
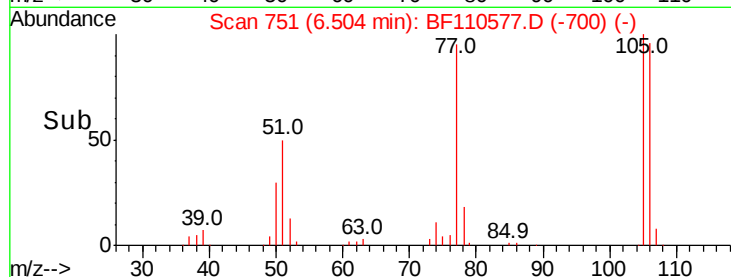
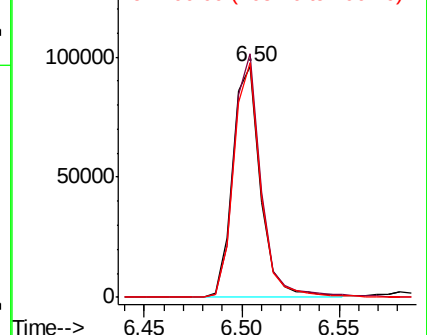
106 101.6 74.8 114.8



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: 27.661 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

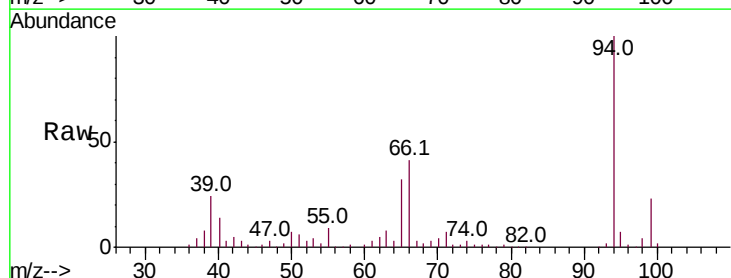
Tgt Ion: 94 Resp: 181443

Ion Ratio Lower Upper

94 100

65 31.6 25.3 65.3

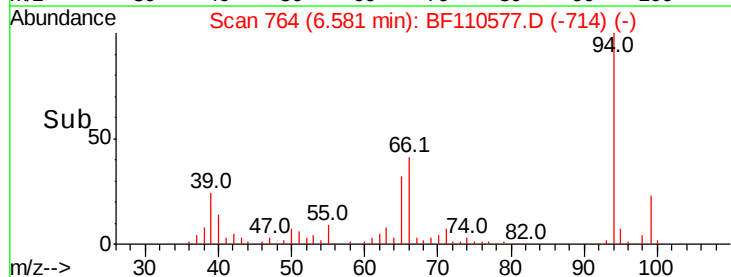
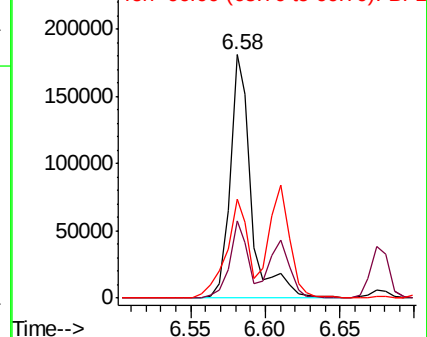
66 40.7 54.5 94.5#

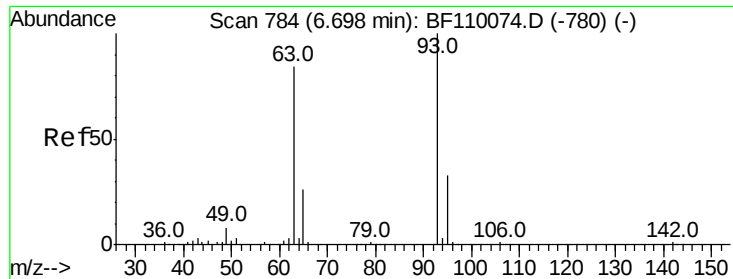


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 24.885 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampleId :

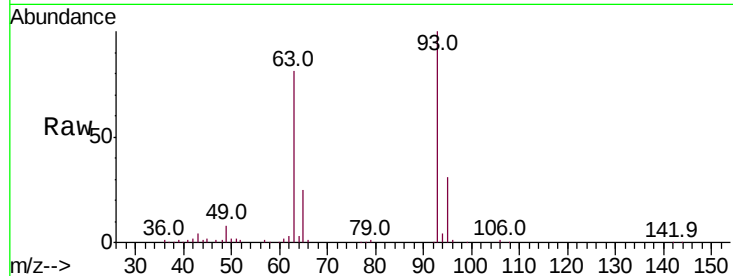
Tot Ion: 93 Resp: 134294

Ion Ratio Lower Upper

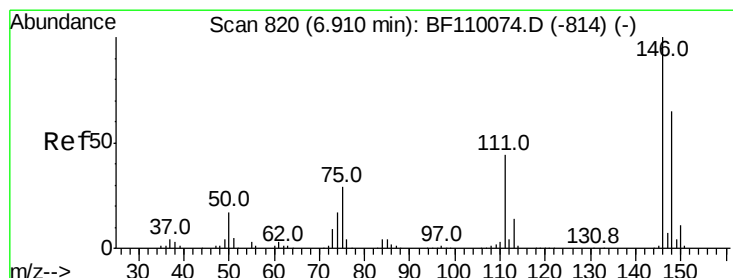
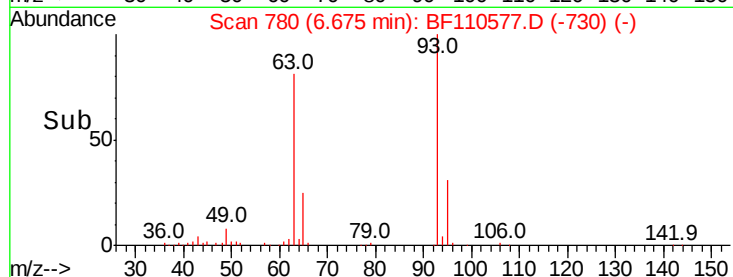
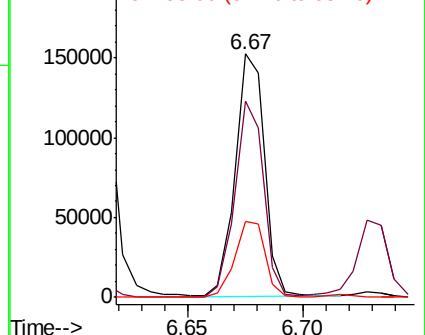
93 100

63 80.5 53.4 93.4

95 31.3 12.1 52.1



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



#12

1,3-Dichlorobenzene

Concen: 25.875 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

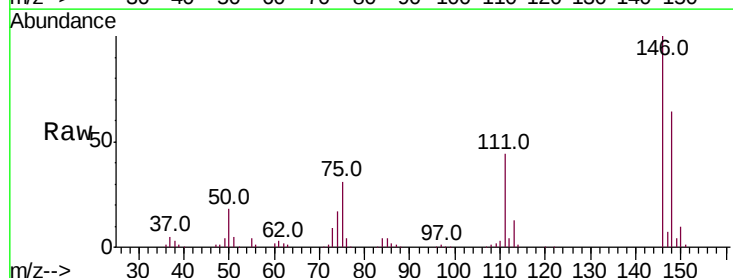
Tgt Ion: 146 Resp: 157505

Ion Ratio Lower Upper

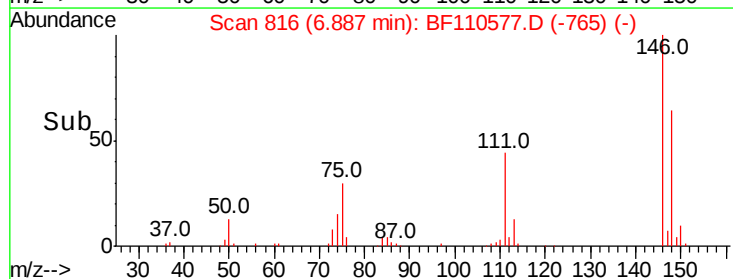
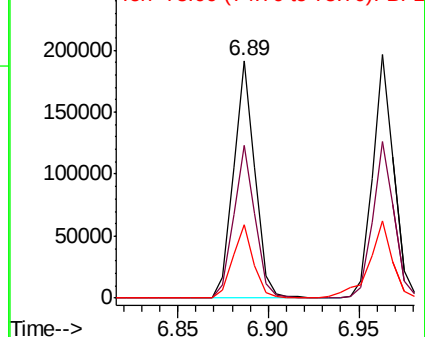
146 100

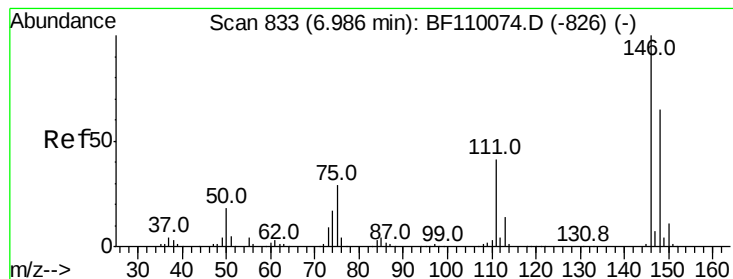
148 64.5 50.4 75.6

75 31.0 25.8 38.6



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





#13

1,4-Dichlorobenzene

Concen: 26.165 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampleId :

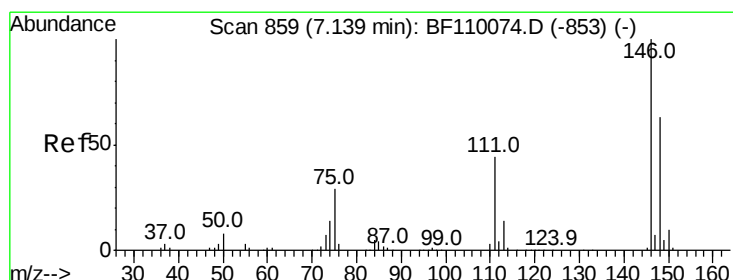
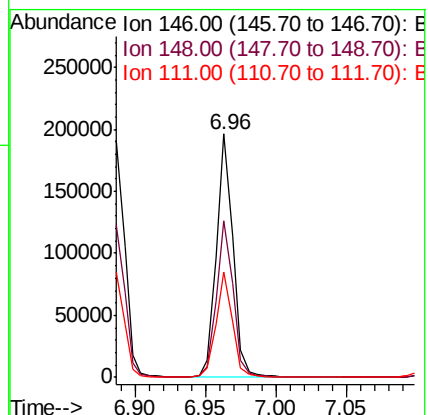
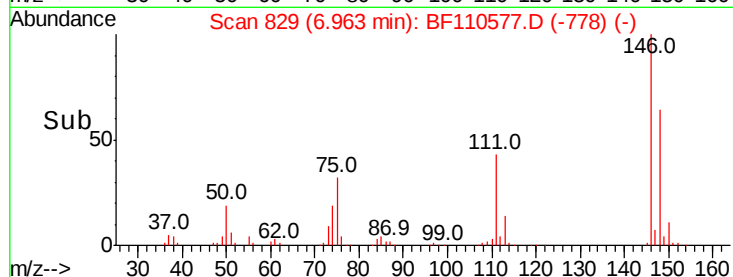
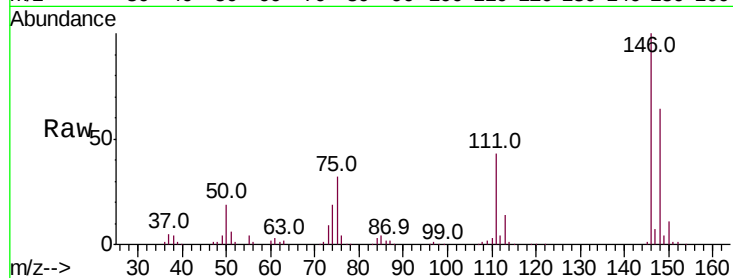
Tot Ion:146 Resp: 161082

Ion Ratio Lower Upper

146 100

148 64.2 50.3 75.5

111 43.1 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 26.277 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

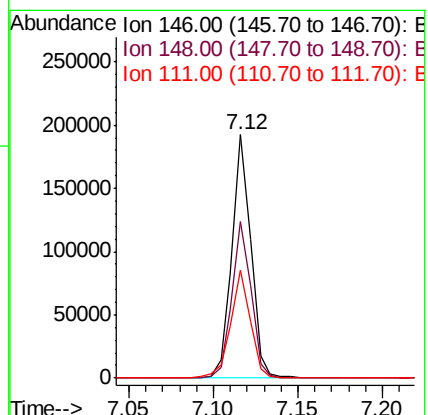
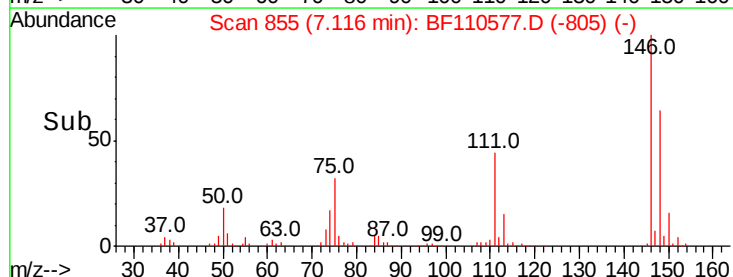
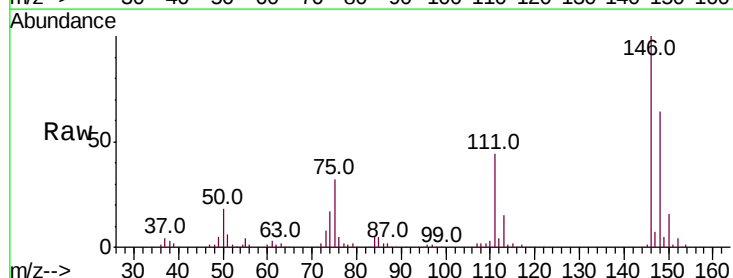
Tgt Ion:146 Resp: 150176

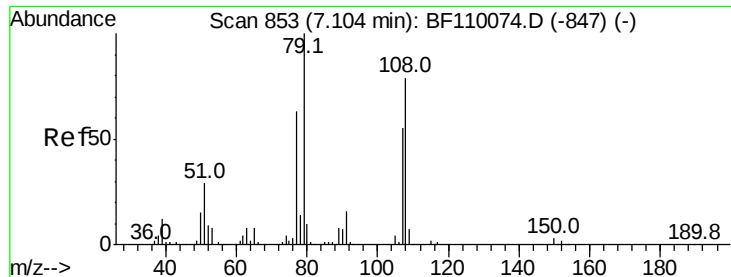
Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

111 44.4 35.8 53.6





#15

Benzyl Alcohol

Concen: 26.474 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampleId :

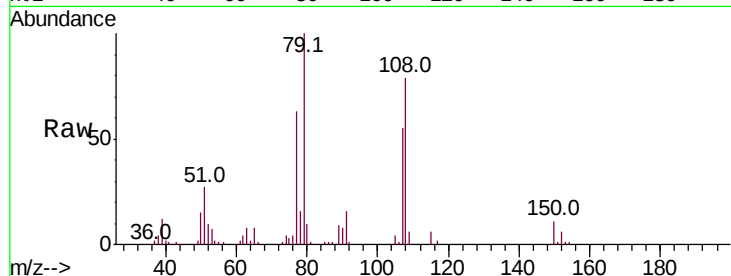
Tot Ion: 79 Resp: 124950

Ion Ratio Lower Upper

79 100

108 79.3 56.3 84.5

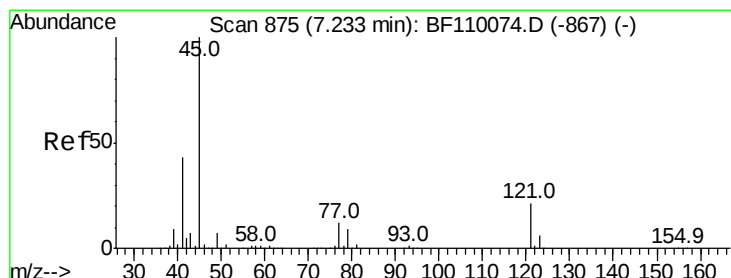
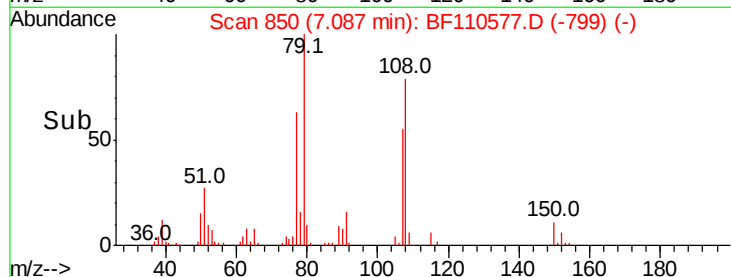
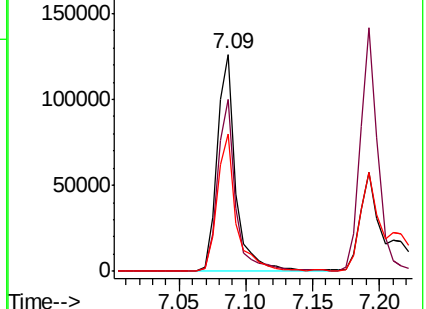
77 63.4 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.141 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

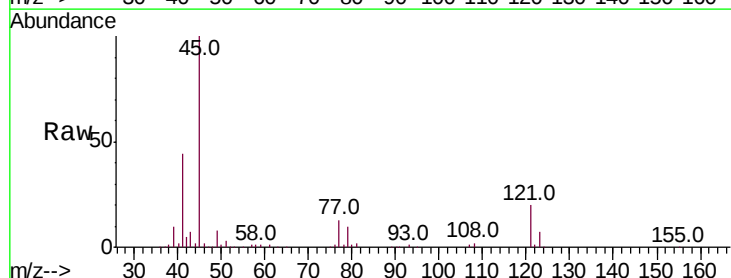
Tgt Ion: 45 Resp: 216930

Ion Ratio Lower Upper

45 100

77 12.9 10.0 50.0

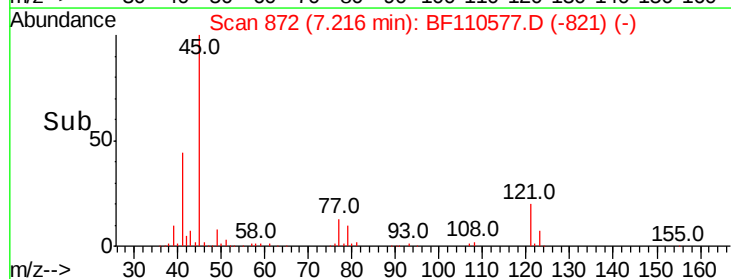
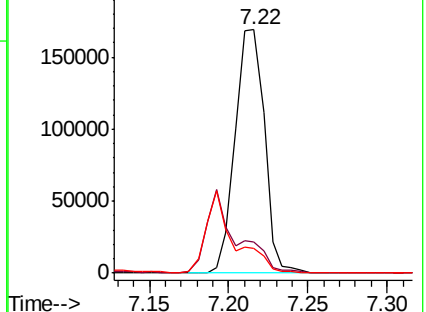
79 10.2 6.1 46.1

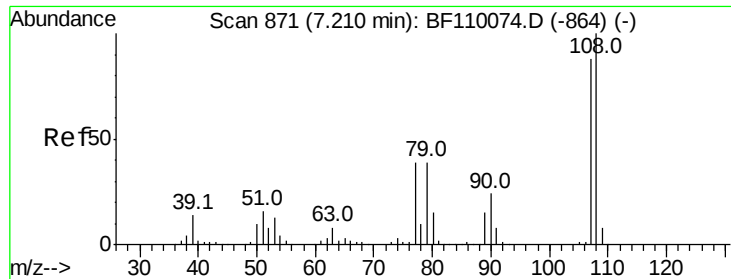


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

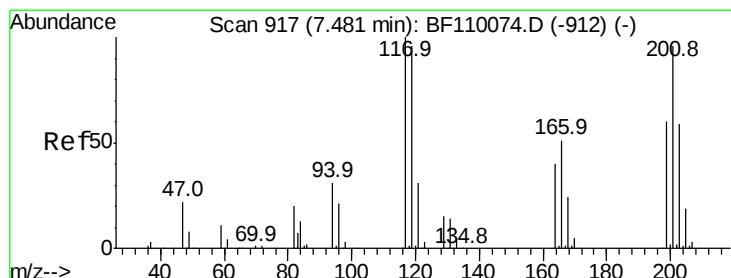
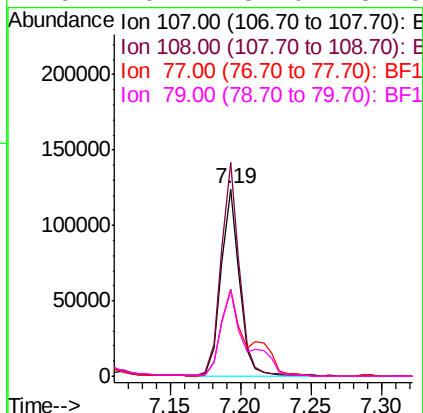
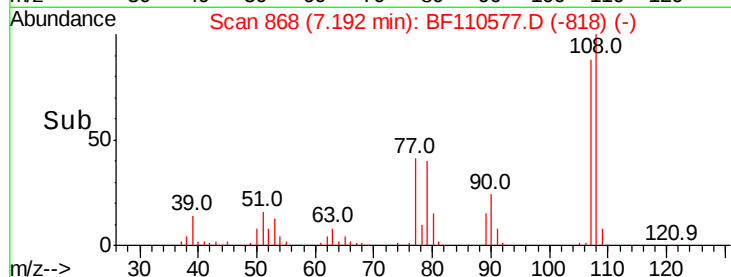
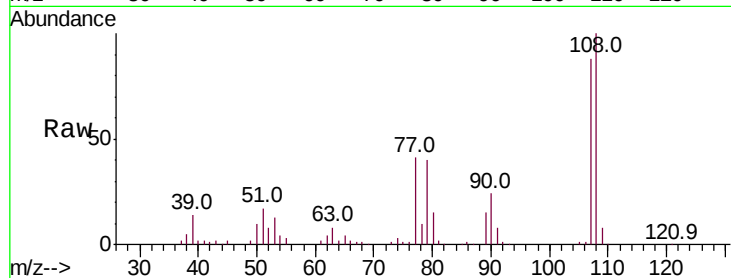




#17
2-Methylphenol
Concen: 25.859 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

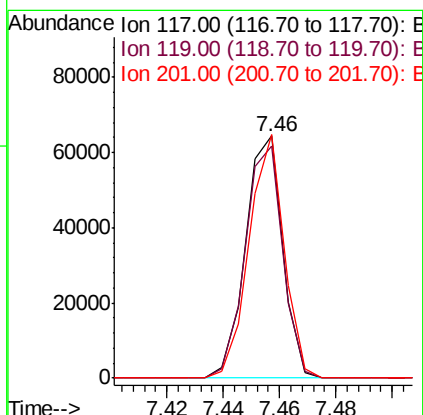
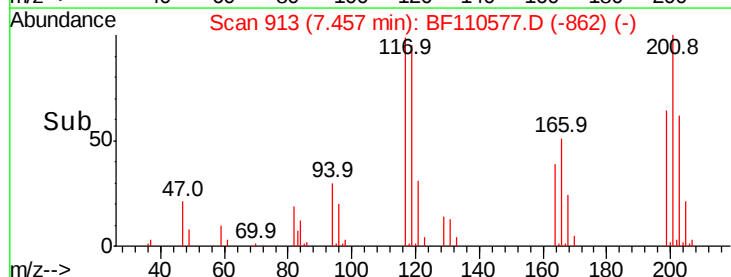
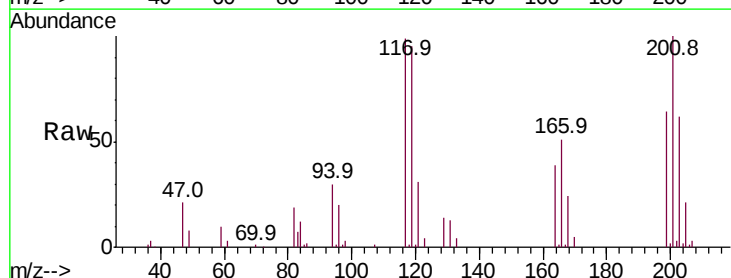
Instrument :
BNA_F
ClientSampleId :

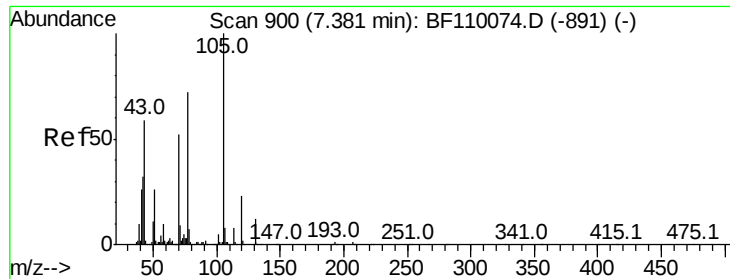
Tot Ion:107 Resp: 113994
Ion Ratio Lower Upper
107 100
108 114.2 92.6 138.8
77 46.7 59.4 89.2#
79 46.2 54.0 81.0#



#18
Hexachloroethane
Concen: 26.008 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:117 Resp: 58620
Ion Ratio Lower Upper
117 100
119 95.9 75.0 112.6
201 100.5 79.2 118.8

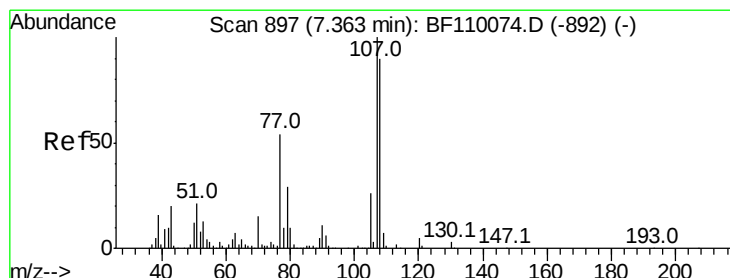
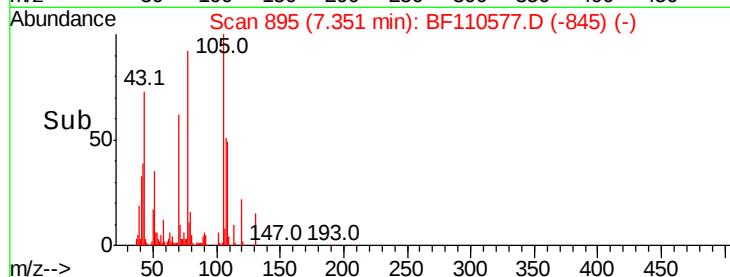
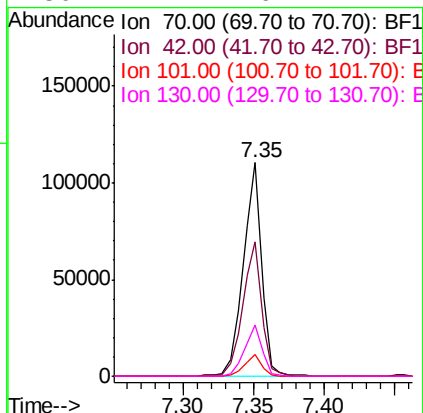
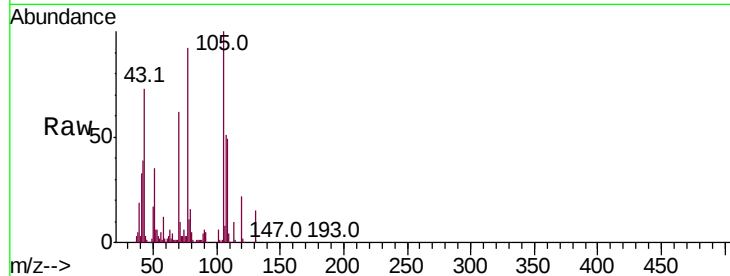




#19
n-Nitroso-di-n-propylamine
Concen: 25.437 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

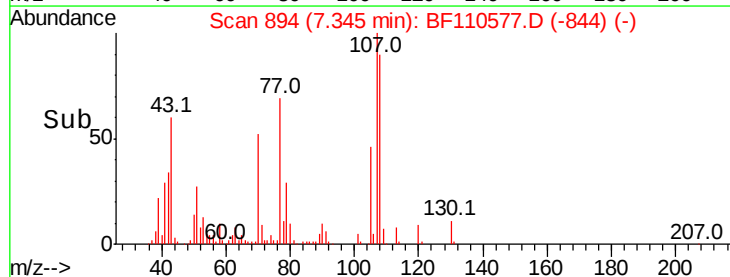
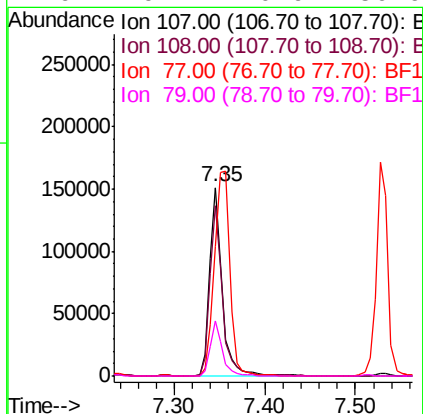
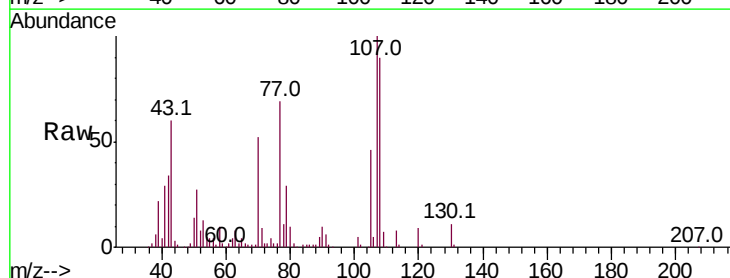
Instrument :
BNA_F
ClientSampleId :

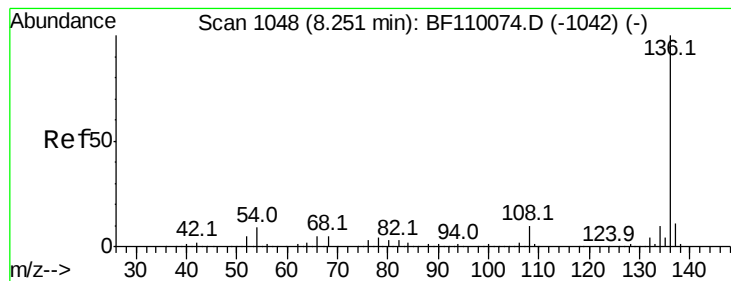
Tot Ion:	70	Resp:	100143
Ion	Ratio	Lower	Upper
70	100		
42	63.1	47.4	71.2
101	10.3	7.3	10.9
130	24.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 26.351 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:	107	Resp:	150152
Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.4	111.4
77	68.8	47.3	87.3
79	29.4	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

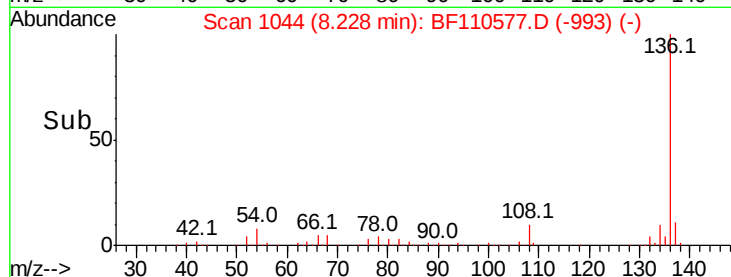
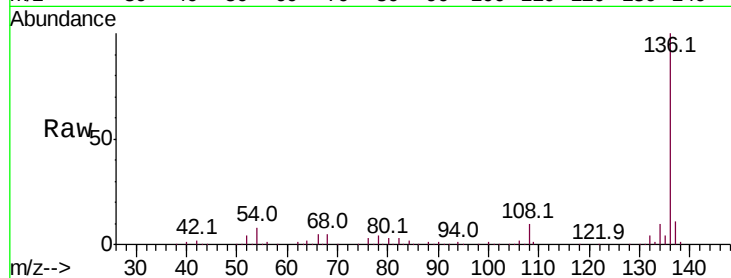
BNA_F

ClientSampled :

Tot Ion:136 Resp: 335783

Ion Ratio Lower Upper

136	100		
137	11.3	8.8	13.2
54	8.2	5.4	8.2#
68	5.4	4.2	6.2



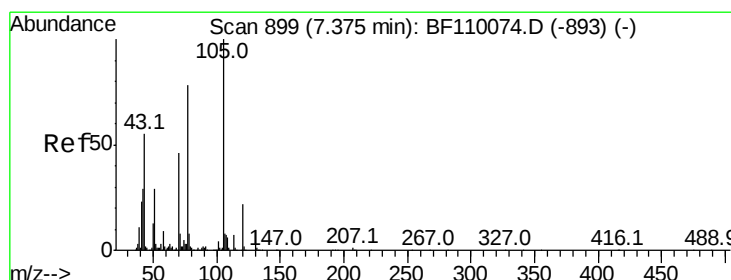
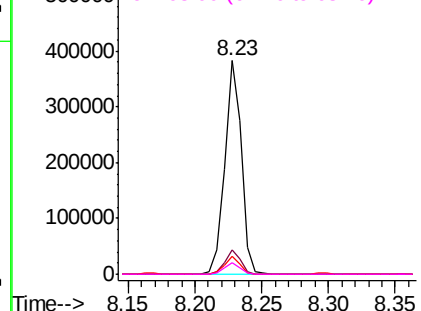
Abundance

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: 26.064 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

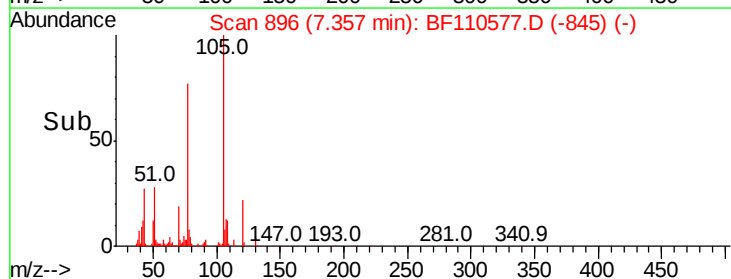
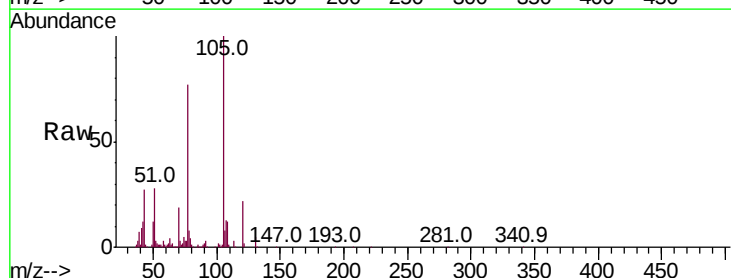
Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Tgt Ion:105 Resp: 201659

Ion Ratio Lower Upper

105	100		
71	3.3	5.2	7.8#
51	28.1	21.8	32.8
120	22.1	17.0	25.4



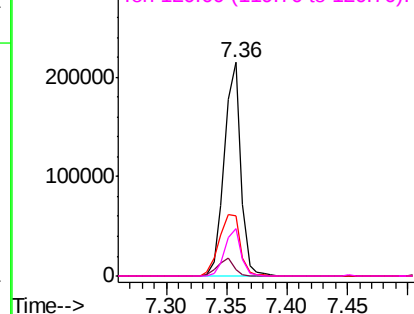
Abundance

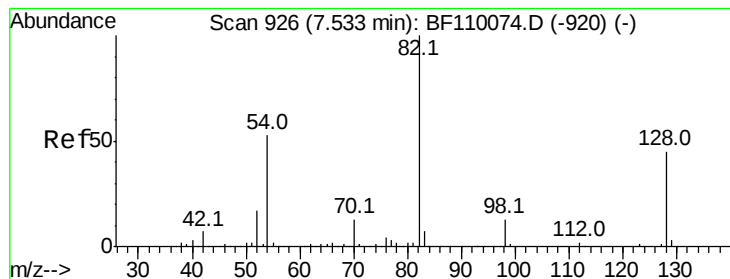
Ion 105.00 (104.70 to 105.70): E

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: 52.188 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampled :

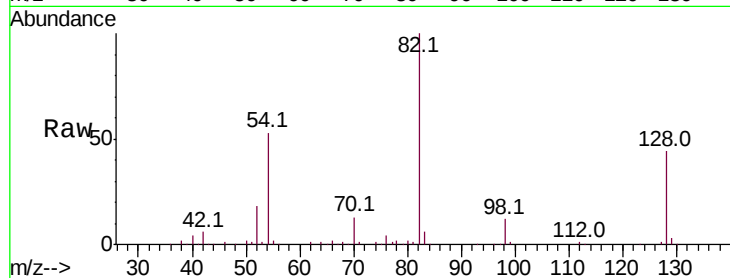
Tot Ion: 82 Resp: 295447

Ion Ratio Lower Upper

82 100

128 43.9 34.2 51.2

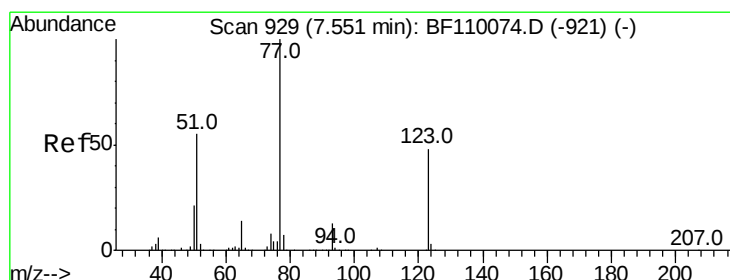
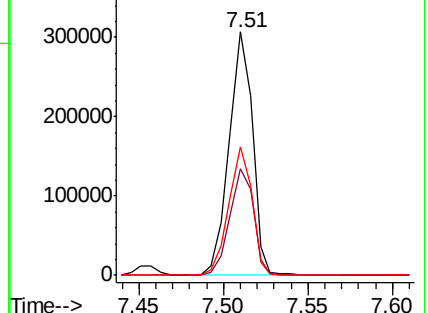
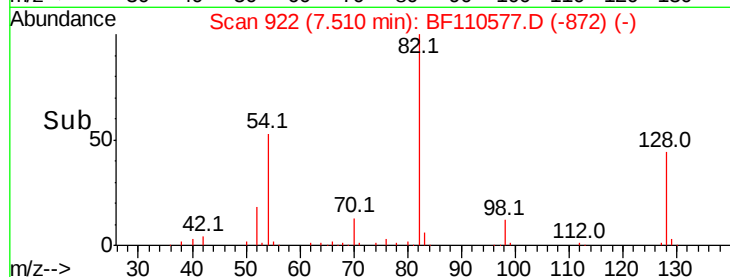
54 52.9 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 26.106 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

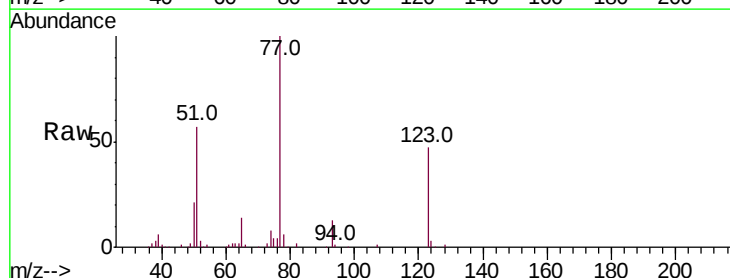
Tgt Ion: 77 Resp: 152582

Ion Ratio Lower Upper

77 100

123 47.0 35.7 53.5

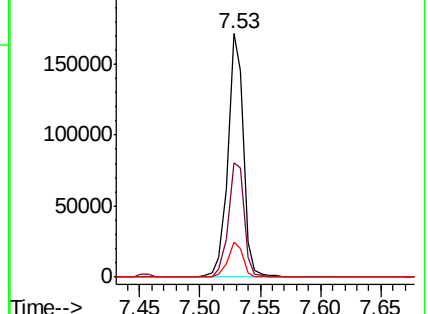
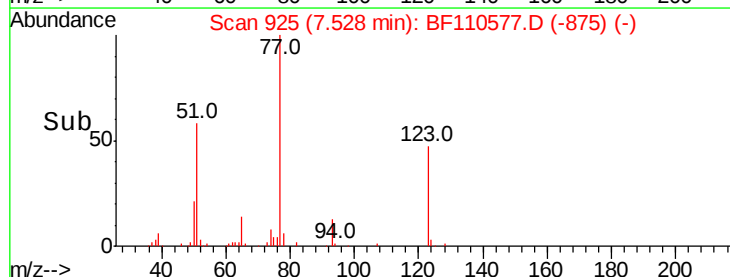
65 14.3 10.7 16.1

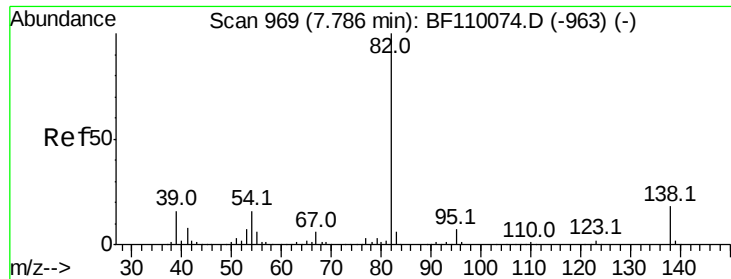


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

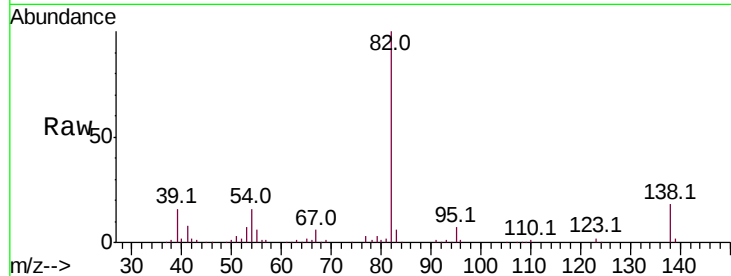




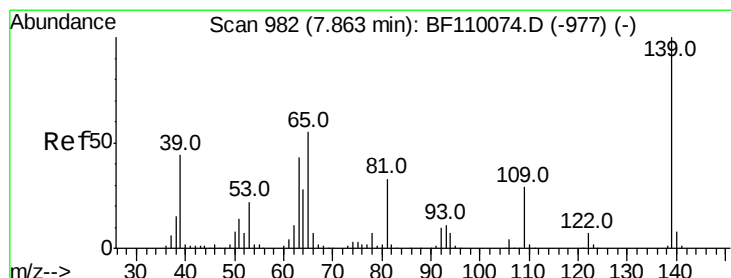
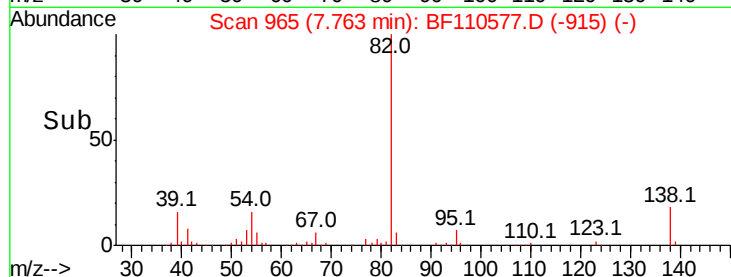
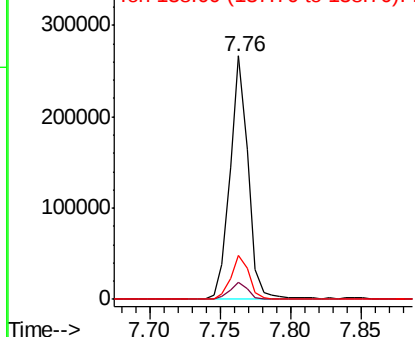
#25
Isophorone
Concen: 24.820 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 239518
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.0 13.2 19.8

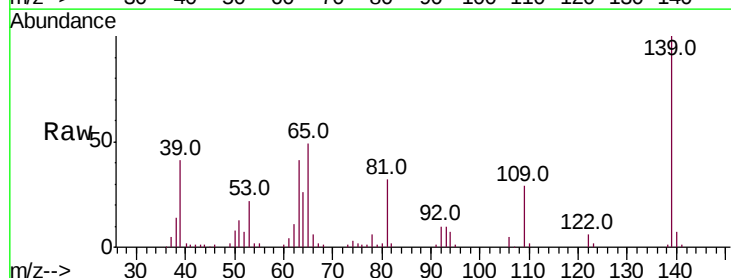


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

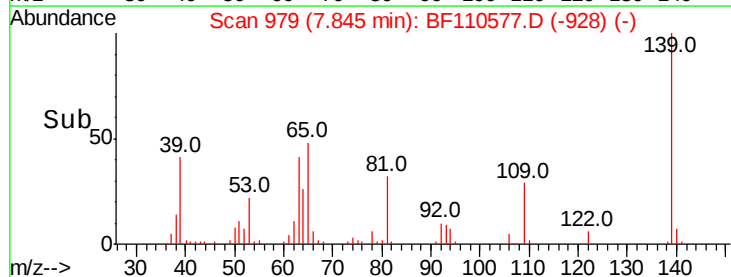
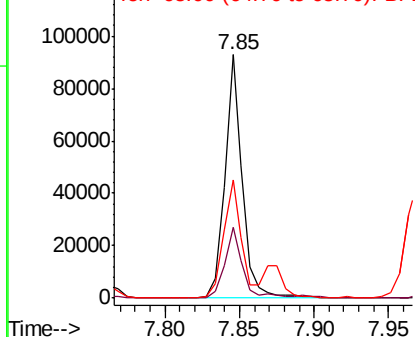


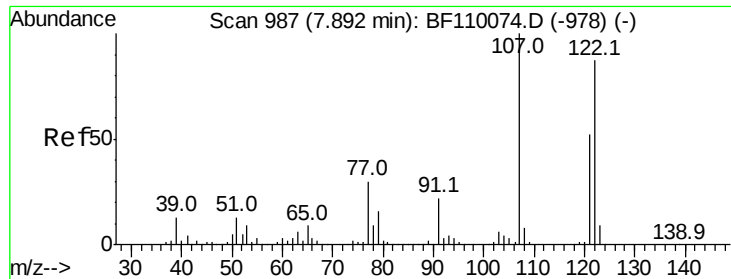
#26
2-Nitrophenol
Concen: 27.465 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion: 139 Resp: 76388
Ion Ratio Lower Upper
139 100
109 29.3 25.0 37.6
65 48.6 44.0 66.0



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

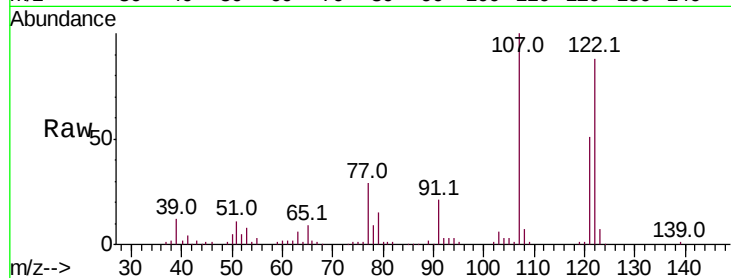




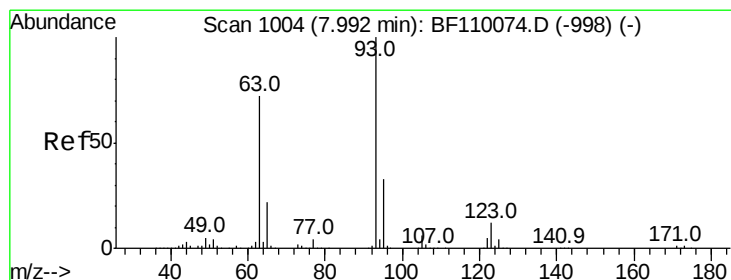
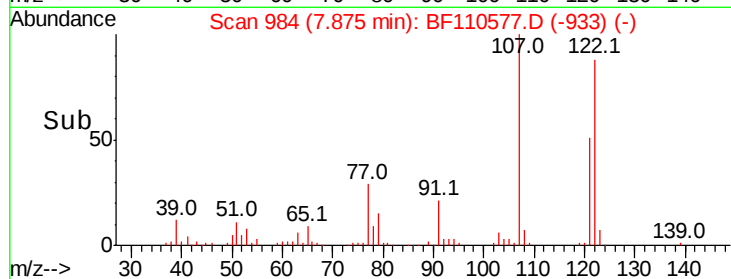
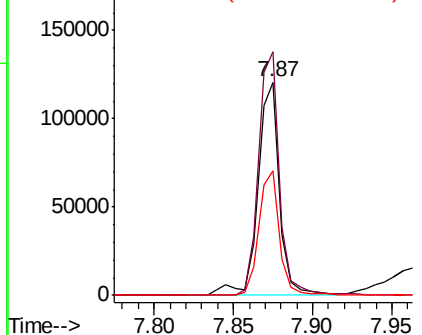
#27
2,4-Dimethylphenol
Concen: 24.790 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 114316
Ion Ratio Lower Upper
122 100
107 114.3 92.5 138.7
121 58.3 45.8 68.8

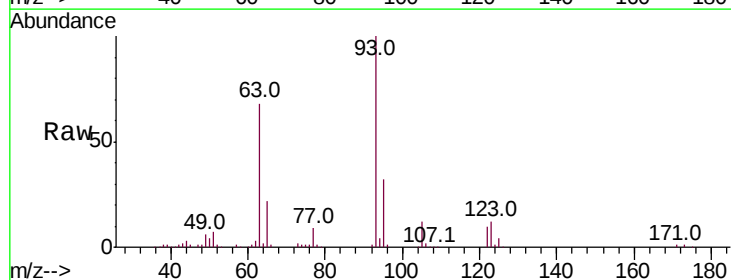


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

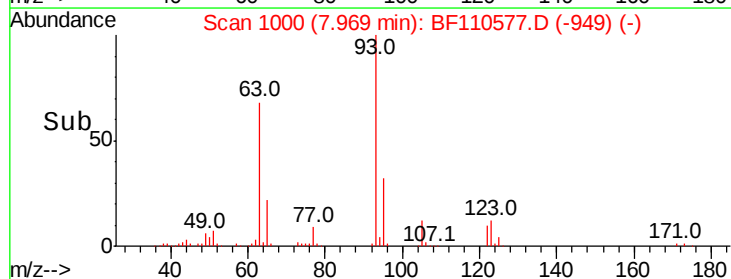
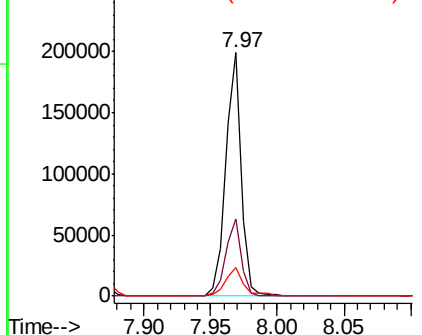


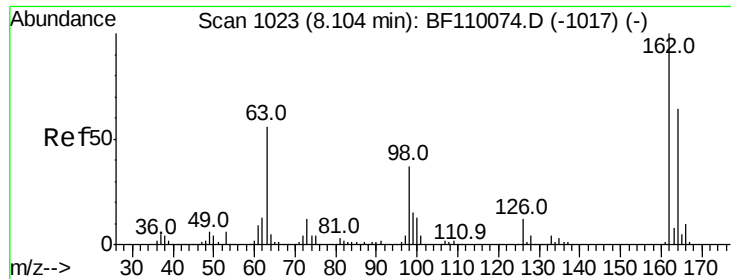
#28
bis(2-Chloroethoxy)methane
Concen: 24.898 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion: 93 Resp: 163224
Ion Ratio Lower Upper
93 100
95 32.0 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

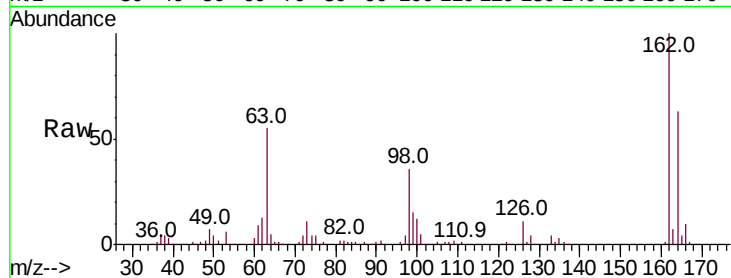




#29
2,4-Dichlorophenol
Concen: 25.734 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	35.9	17.4	57.4

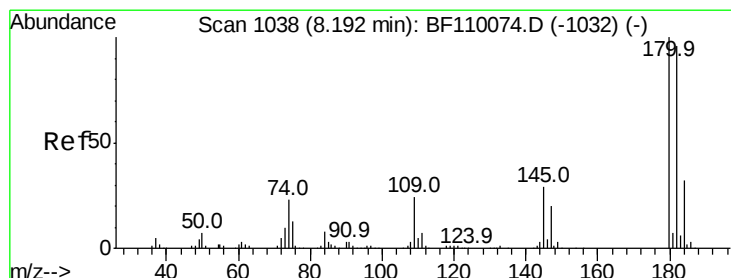
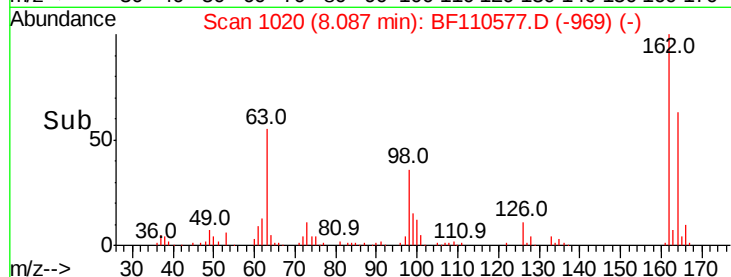
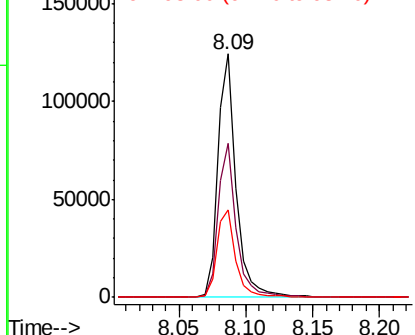


Abundance

Ion 162.00 (161.70 to 162.70): E

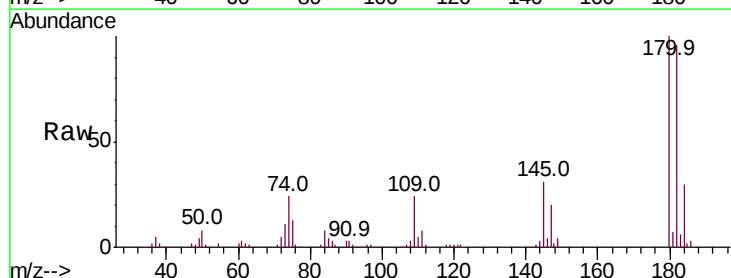
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 25.468 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	80.3	120.5
145	31.2	25.4	38.0

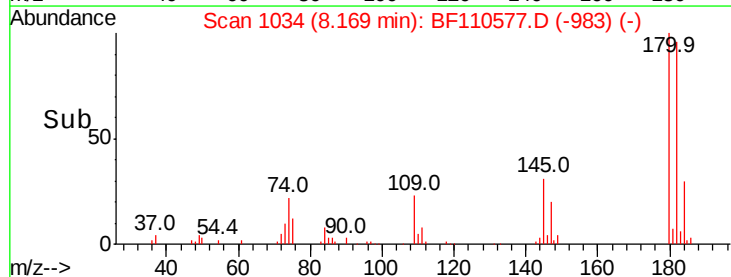
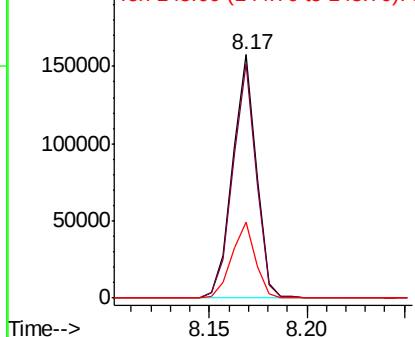


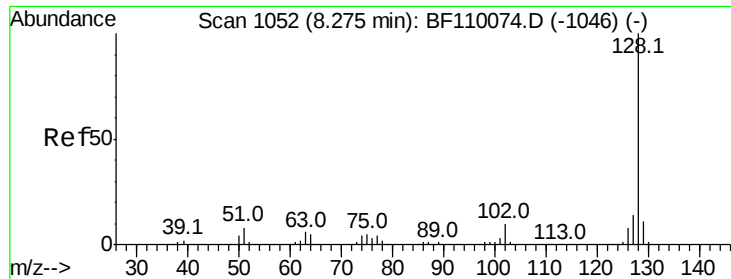
Abundance

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

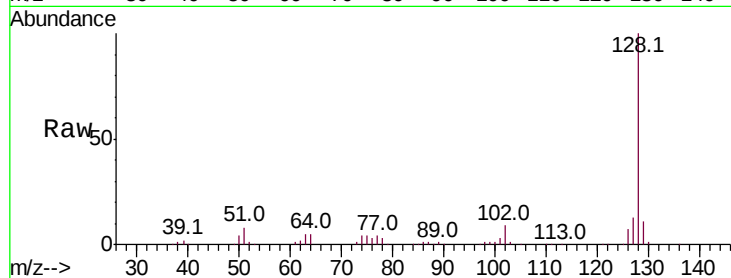




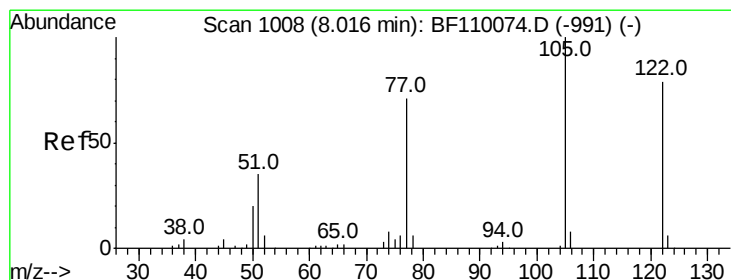
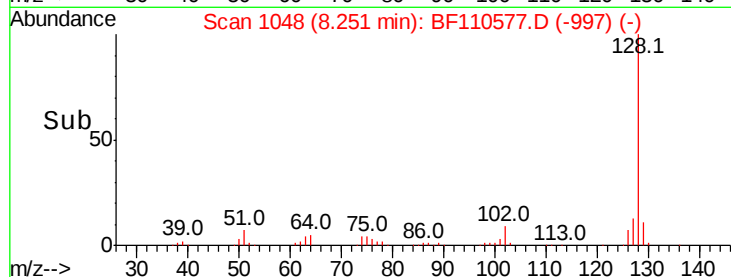
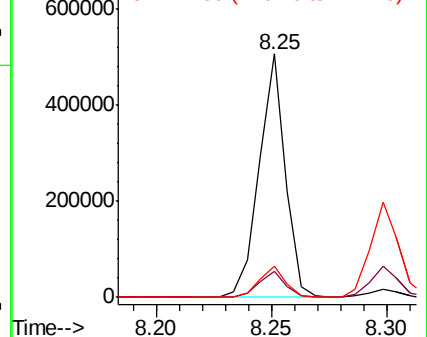
#31
Naphthalene
Concen: 25.894 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 400725
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.8 16.2

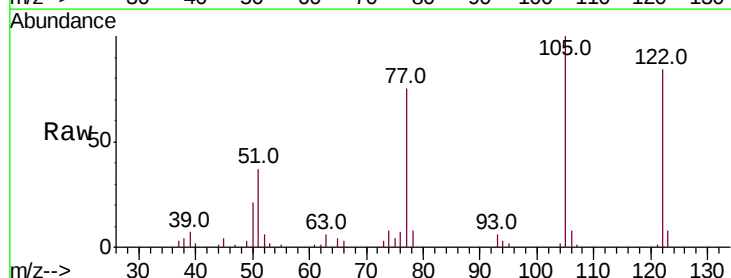


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

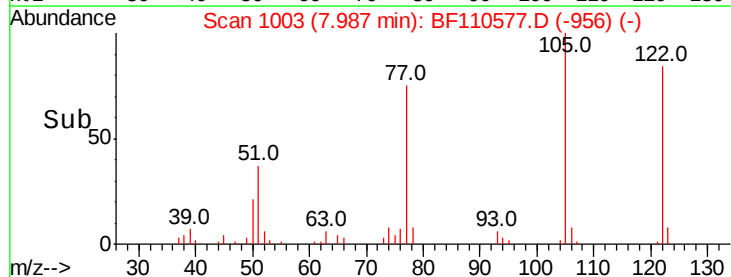
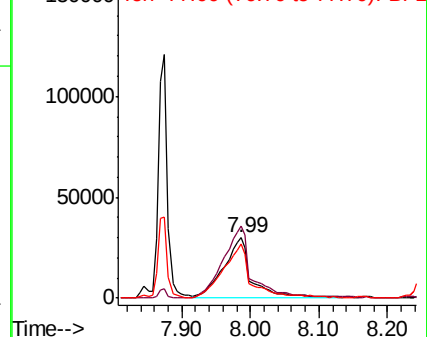


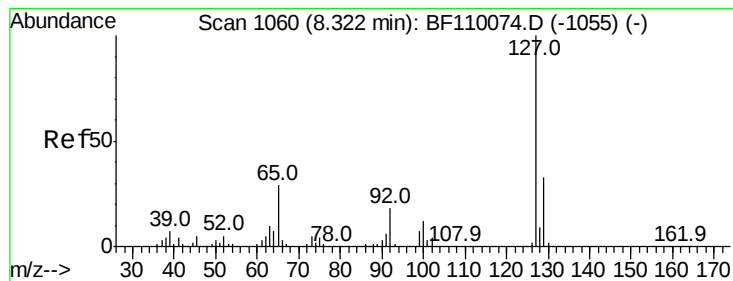
#32
Benzoic acid
Concen: 22.951 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:122 Resp: 81796
Ion Ratio Lower Upper
122 100
105 119.6 109.0 149.0
77 89.7 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: 25.317 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 176335

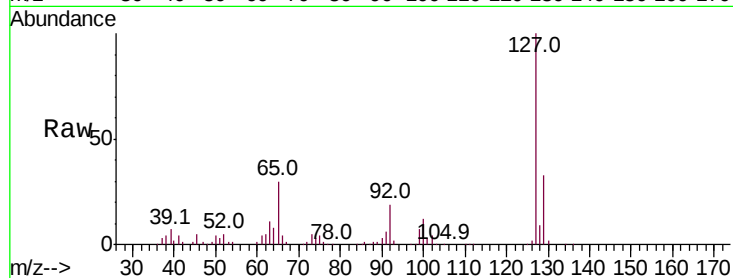
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 30.5 25.1 37.7

92 18.6 15.0 22.6

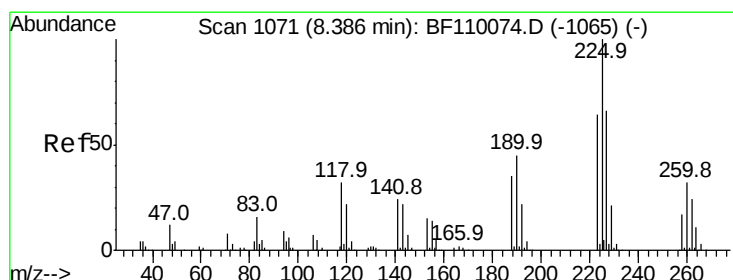
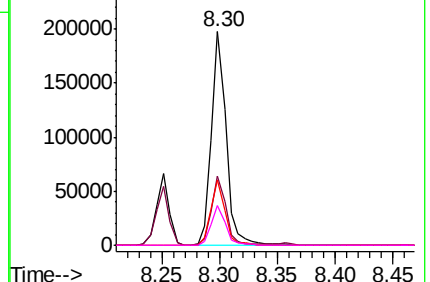
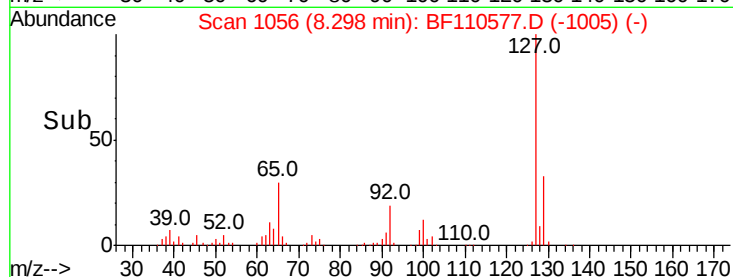


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 26.604 ng

RT: 8.36 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

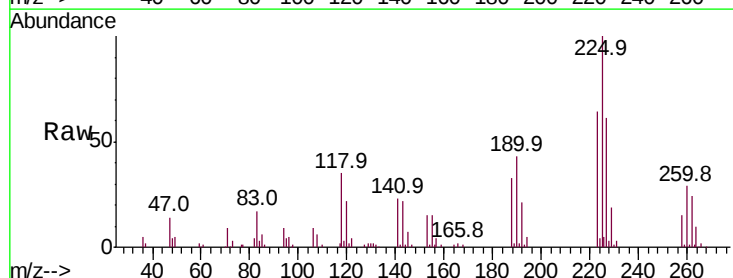
Tgt Ion:225 Resp: 77082

Ion Ratio Lower Upper

225 100

223 63.5 51.4 77.2

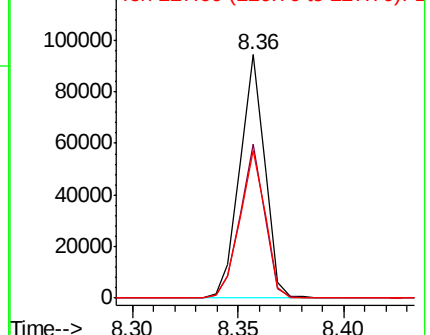
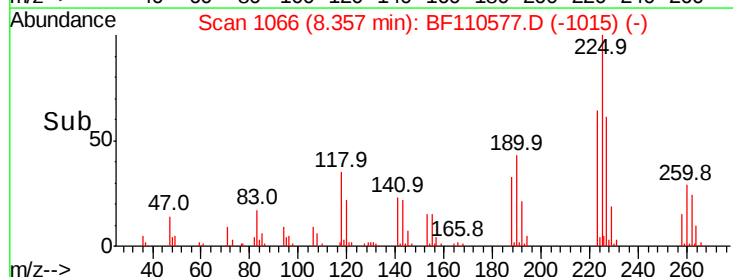
227 60.7 51.0 76.6

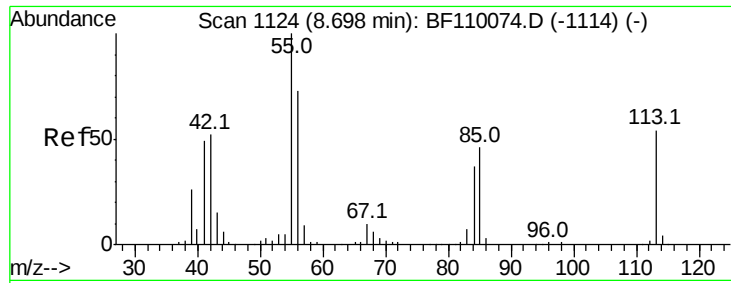


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

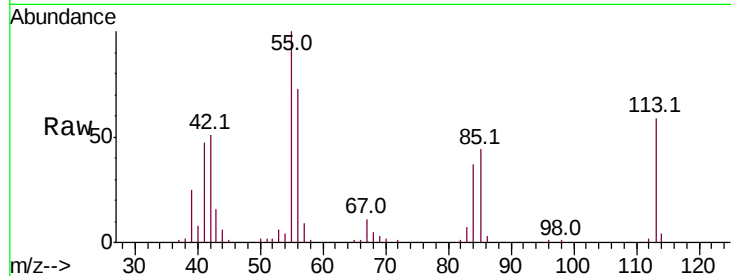




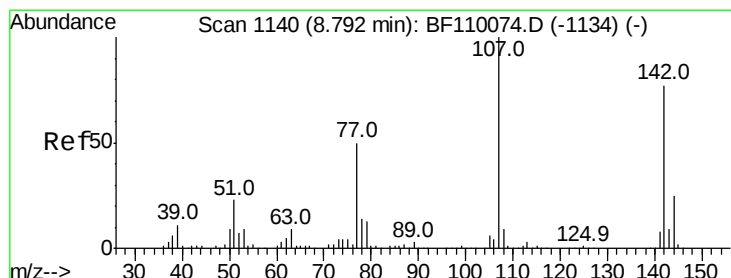
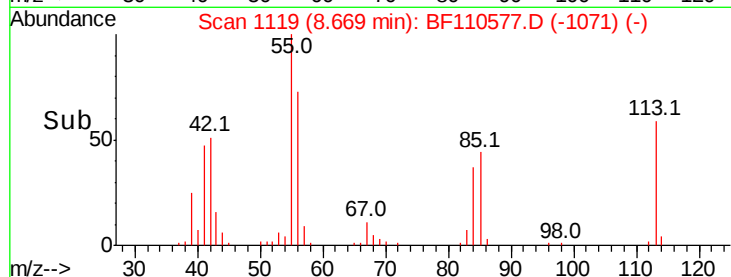
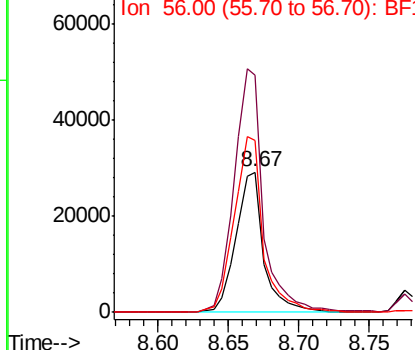
#35
Caprolactam
Concen: 24.749 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 40186
Ion Ratio Lower Upper
113 100
55 168.8 142.8 182.8
56 122.6 105.0 145.0

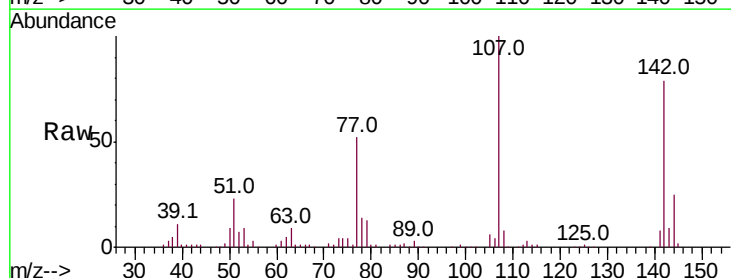


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

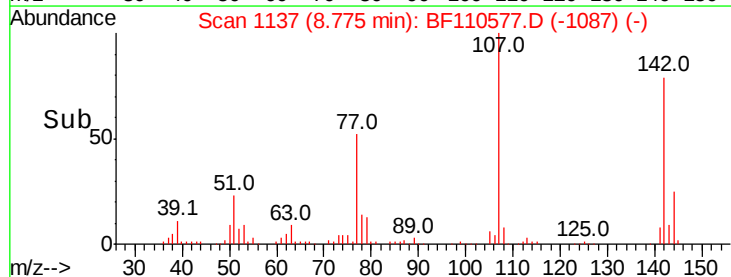
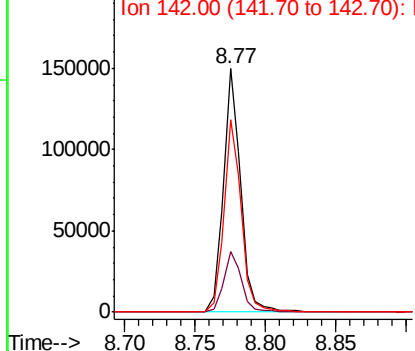


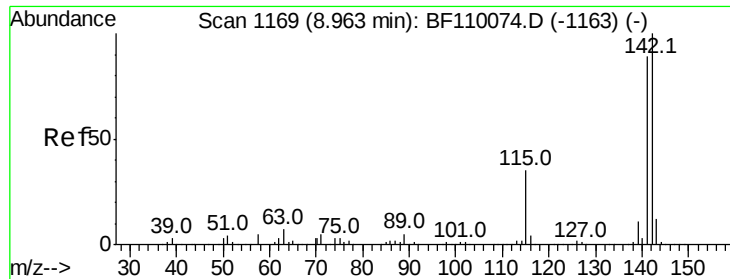
#36
4-Chloro-3-methylphenol
Concen: 25.318 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:107 Resp: 127546
Ion Ratio Lower Upper
107 100
144 24.7 20.0 30.0
142 78.8 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

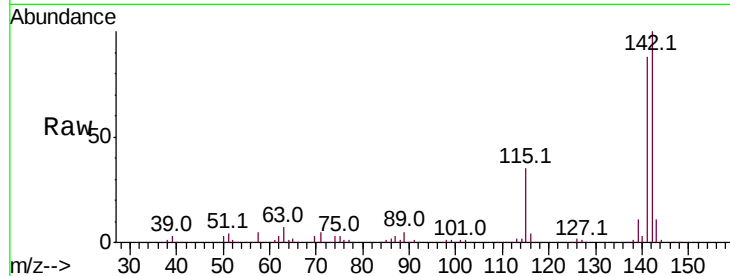




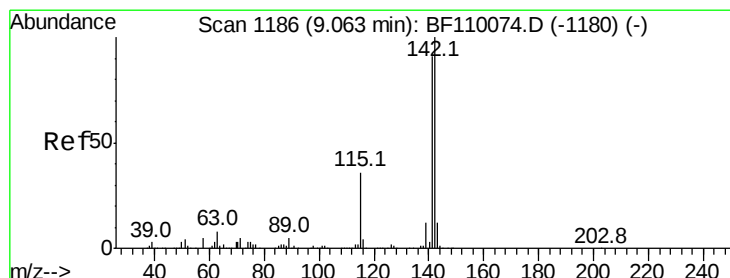
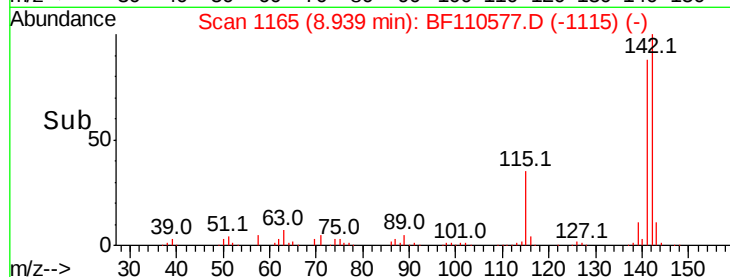
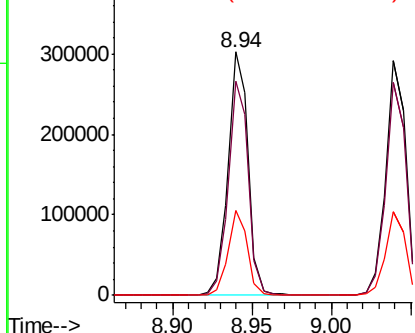
#37
 2-Methylnaphthalene
 Concen: 25.845 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 264631
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.4 107.2
 115 35.0 28.7 43.1

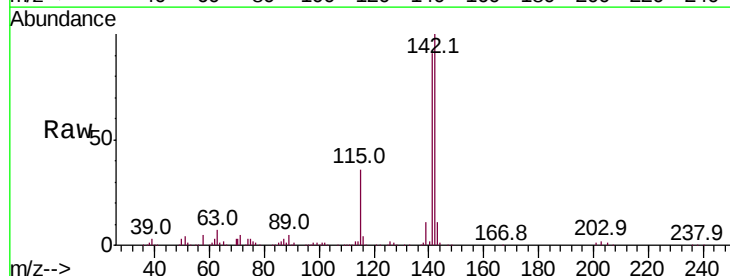


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

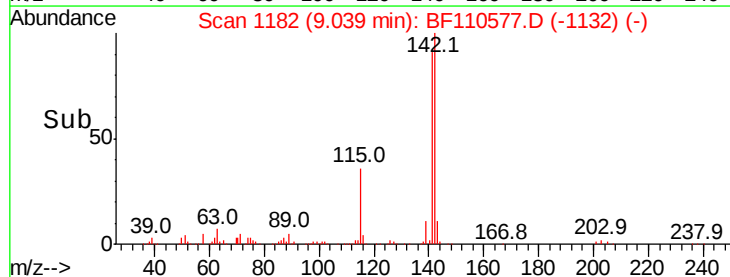
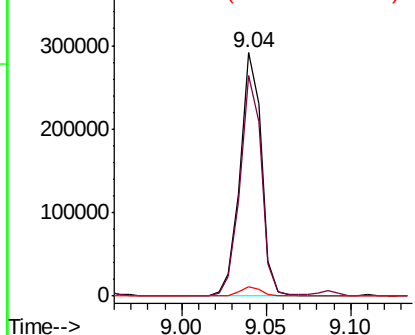


#38
 1-Methylnaphthalene
 Concen: 25.794 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

Tgt Ion:142 Resp: 255232
 Ion Ratio Lower Upper
 142 100
 141 90.7 74.2 111.4
 116 3.7 2.6 4.0



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

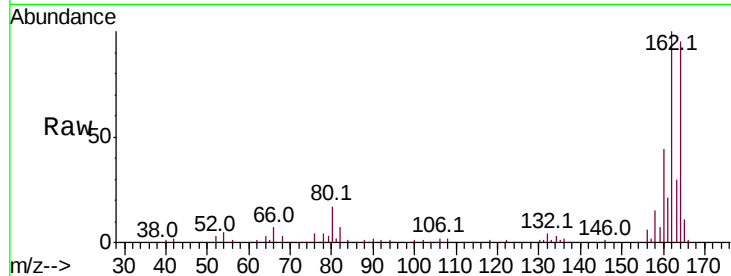




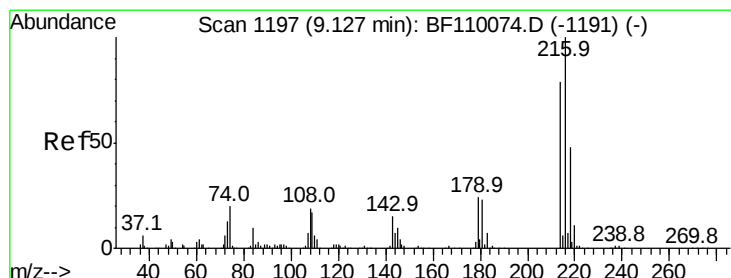
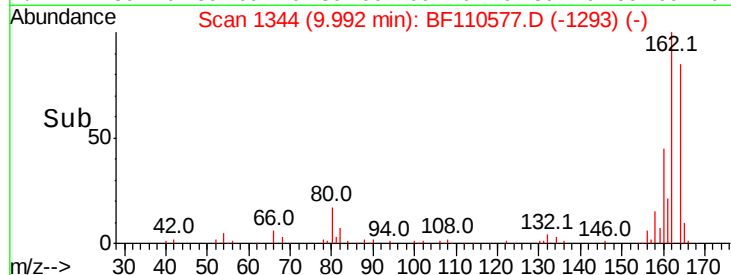
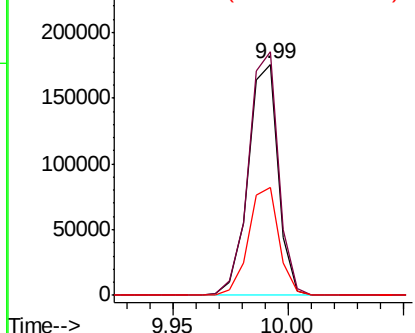
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 160693
Ion Ratio Lower Upper
164 100
162 105.2 83.0 124.6
160 46.6 37.0 55.6

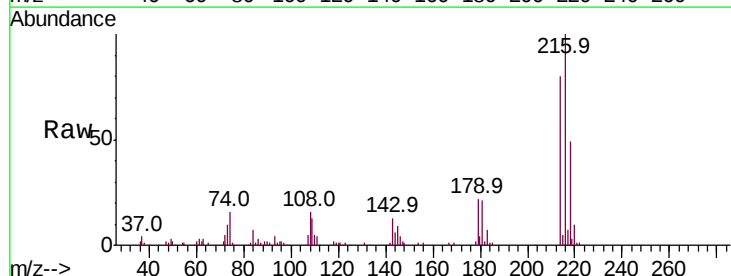


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

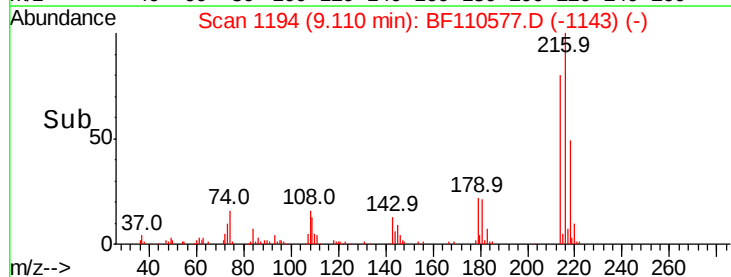
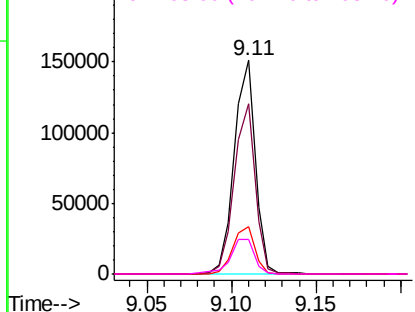


#40
1,2,4,5-Tetrachlorobenzene
Concen: 26.115 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:216 Resp: 130753
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.6
179 22.7 16.6 25.0
108 18.7 15.1 22.7



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





#41

Hexachlorocyclopentadiene

Concen: 13.882 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampleId :

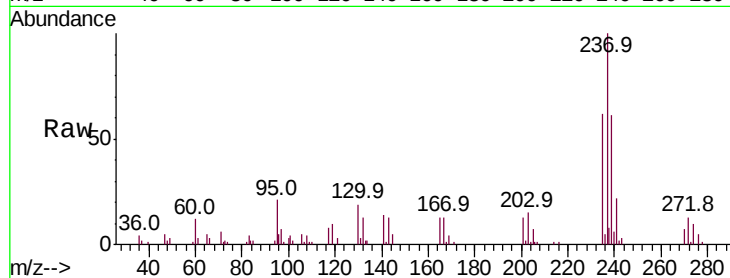
Tot Ion:237 Resp: 35541

Ion Ratio Lower Upper

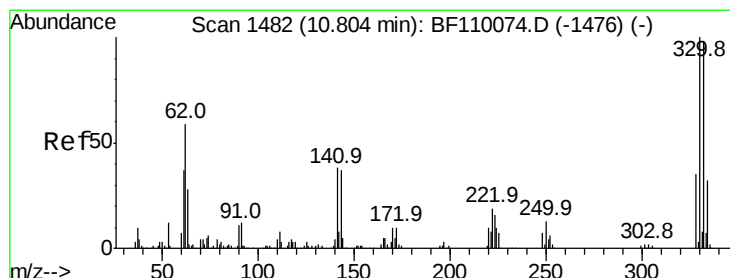
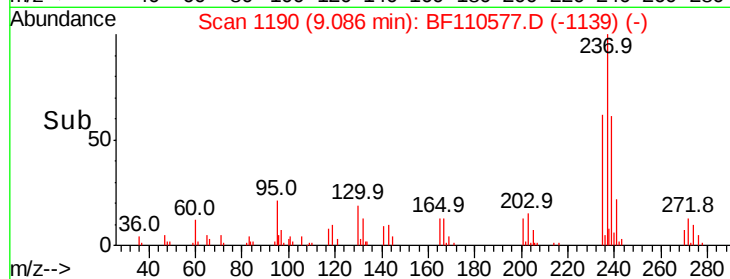
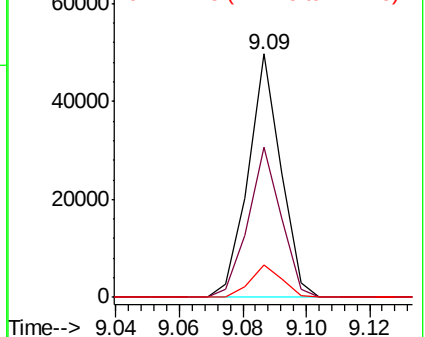
237 100

235 61.9 43.1 83.1

272 13.3 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: 53.230 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

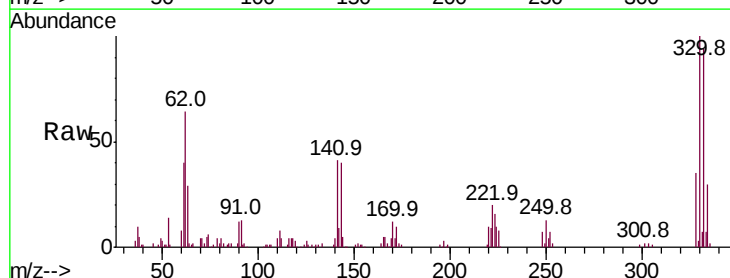
Tgt Ion:330 Resp: 84730

Ion Ratio Lower Upper

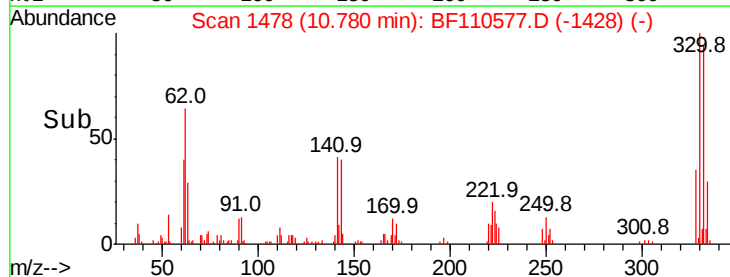
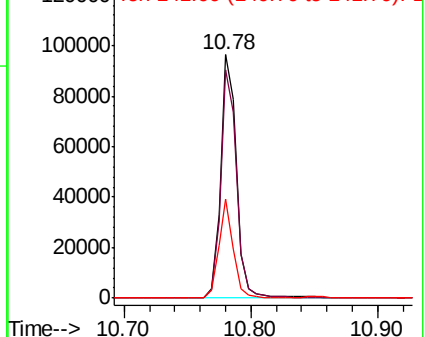
330 100

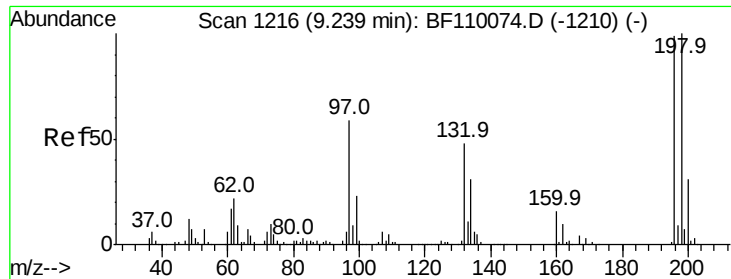
332 94.0 77.1 115.7

141 37.2 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

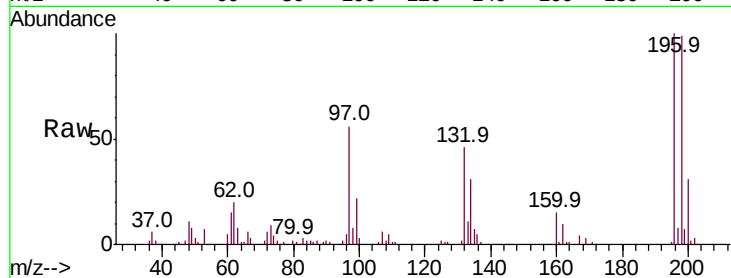




#43
 2,4,6-Trichlorophenol
 Concen: 25.441 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.2	76.2	114.4
200	31.1	24.4	36.6

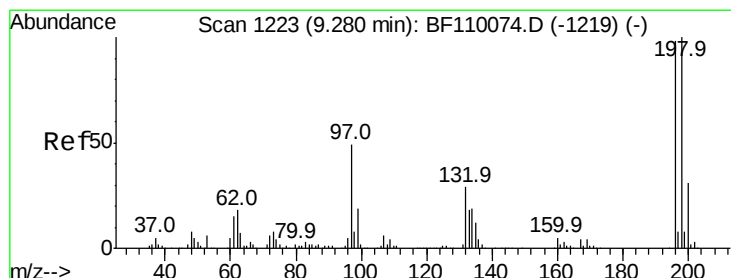
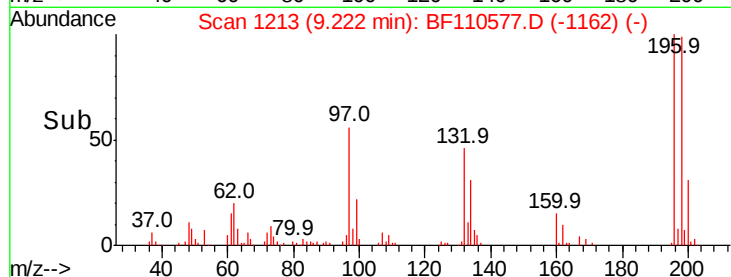
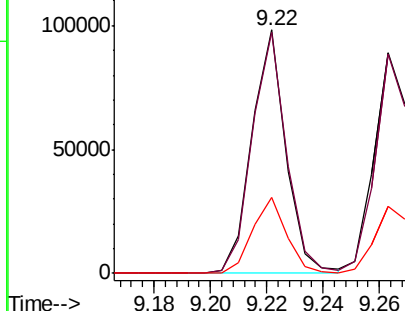


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 25.937 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	75.8	113.6
97	55.9	42.4	63.6
132	31.1	22.8	34.2

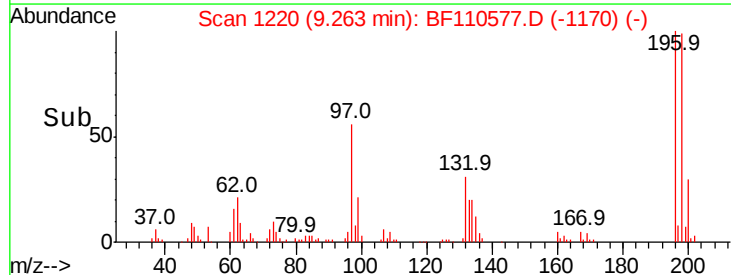
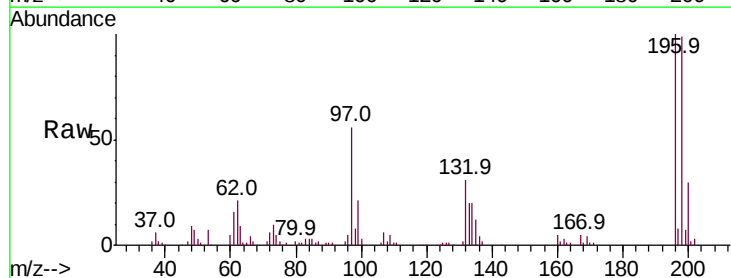
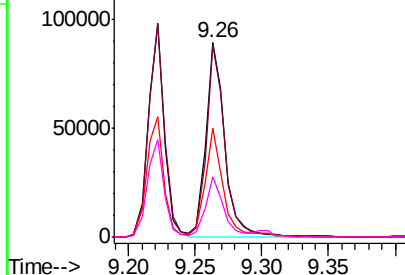
Abundance

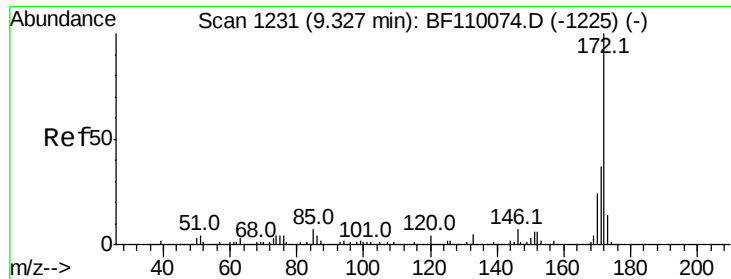
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

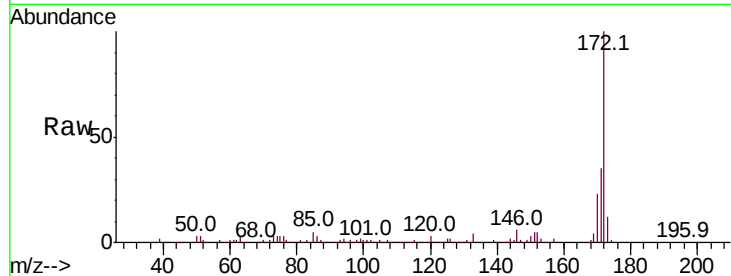




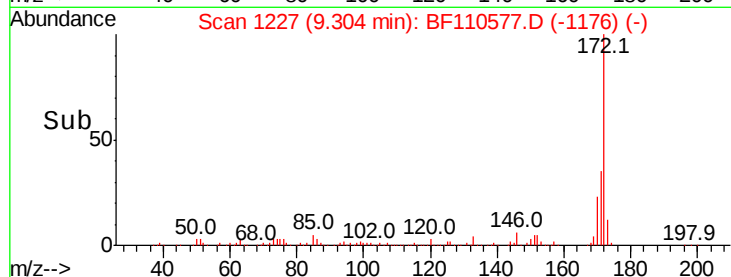
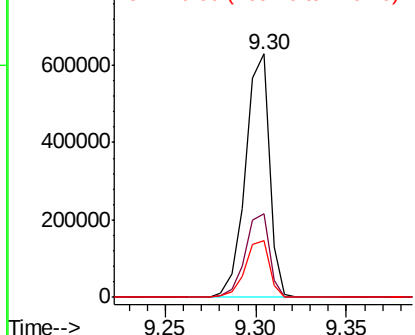
#45
2-Fluorobiphenyl
Concen: 56.462 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 577807
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.2 19.7 29.5

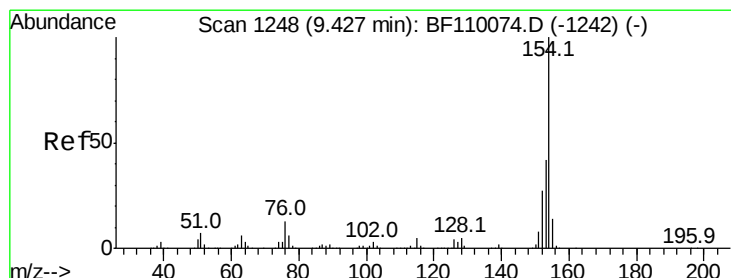


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

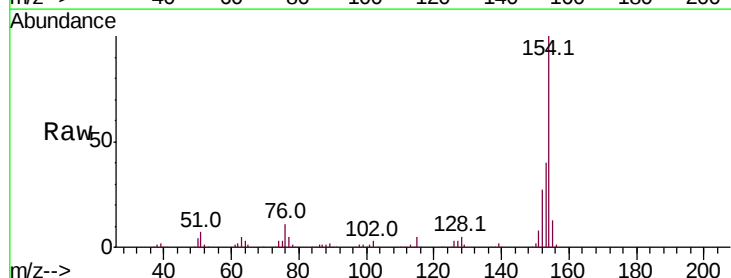
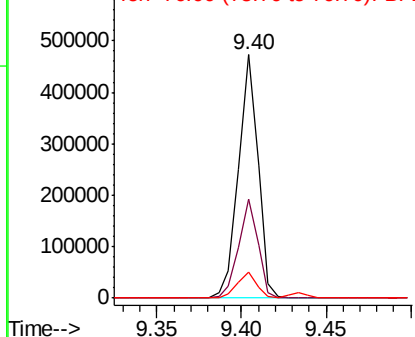


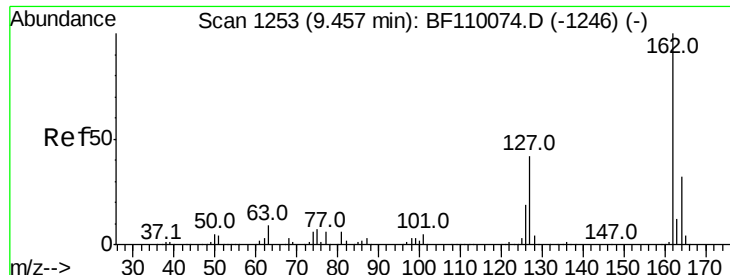
#46
1,1'-Biphenyl
Concen: 26.242 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:154 Resp: 381332
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 10.9 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: 25.888 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

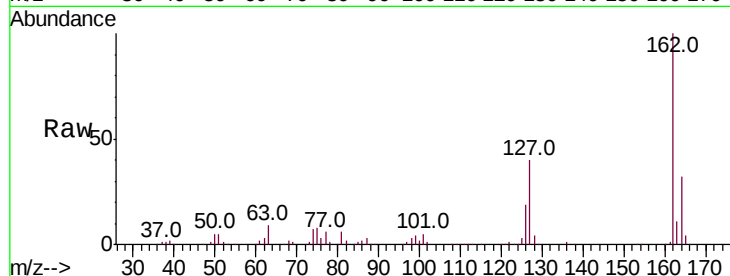
Tot Ion:162 Resp: 275947

Ion Ratio Lower Upper

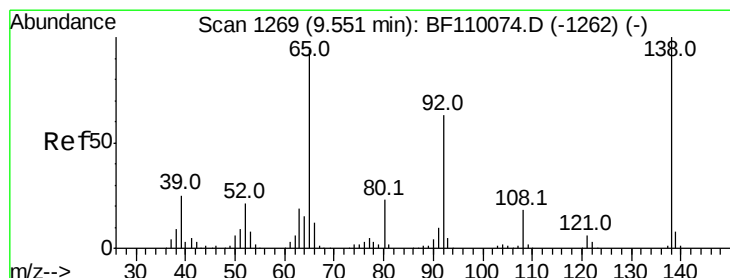
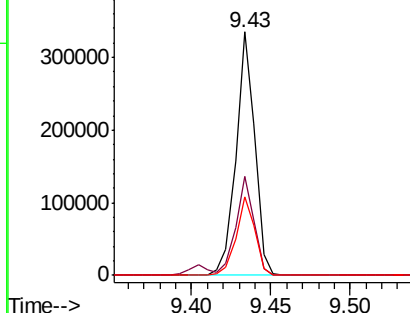
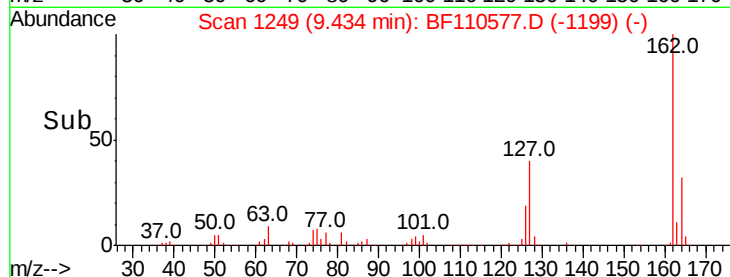
162 100

127 40.5 32.6 48.8

164 32.4 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: 26.230 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

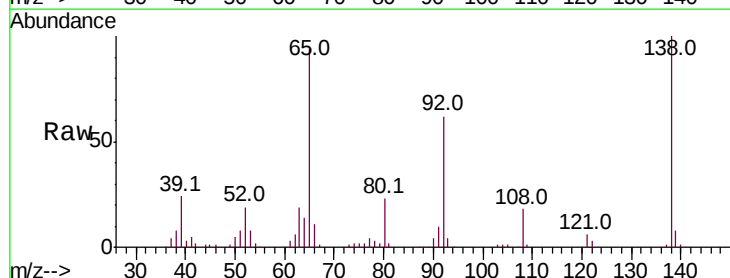
Tgt Ion: 65 Resp: 84724

Ion Ratio Lower Upper

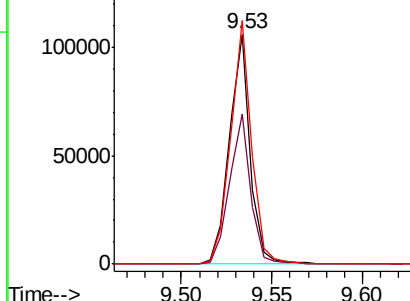
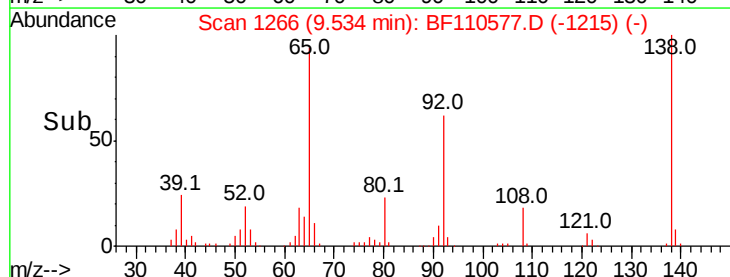
65 100

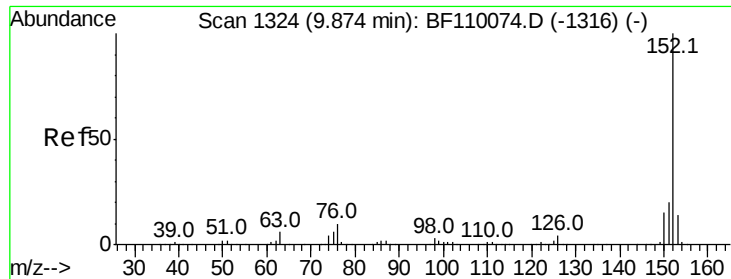
92 65.6 54.6 81.8

138 106.0 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: 25.745 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampleId :

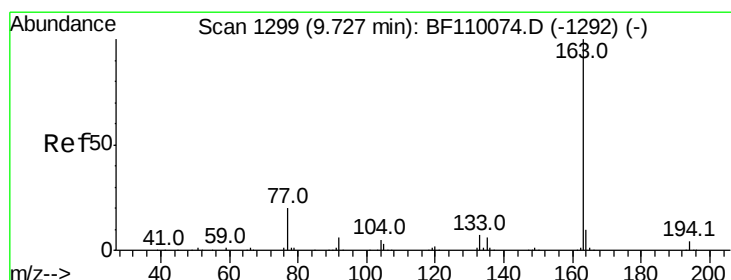
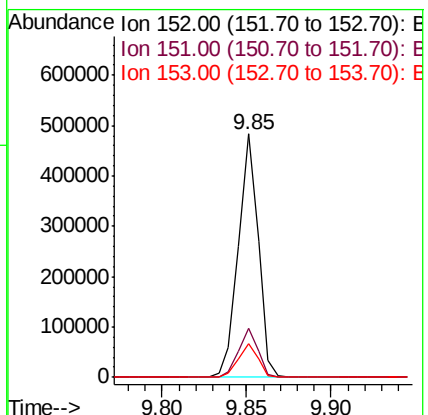
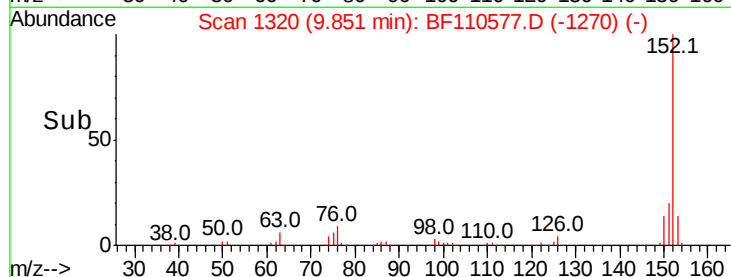
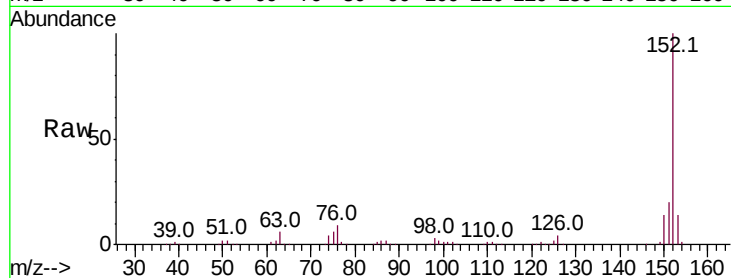
Tot Ion:152 Resp: 396356

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.7 10.4 15.6



#50

Dimethylphthalate

Concen: 25.444 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

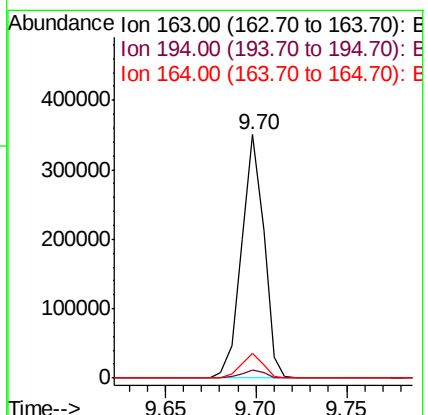
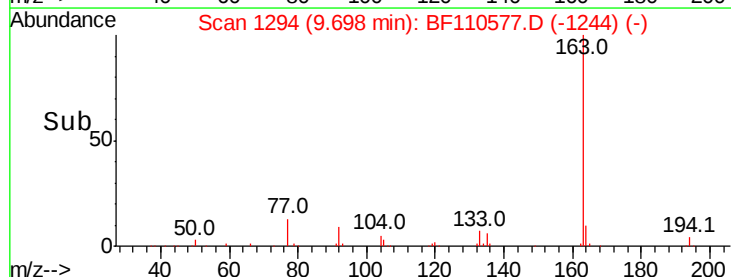
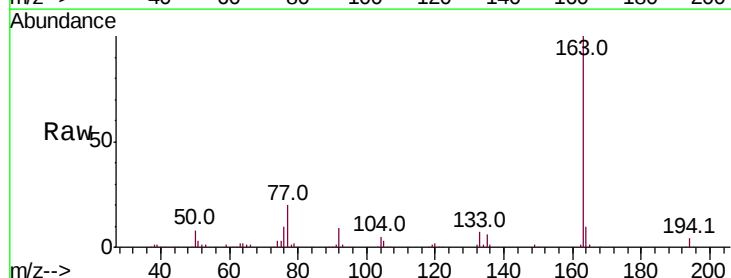
Tgt Ion:163 Resp: 301819

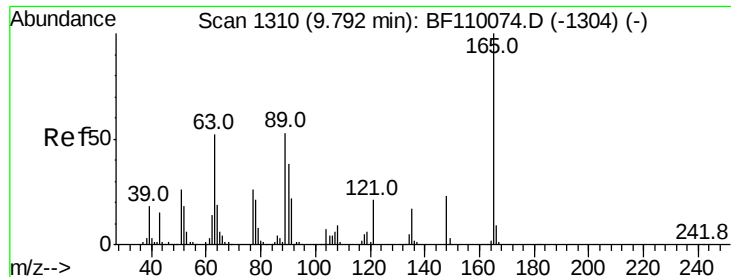
Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 26.730 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampled :

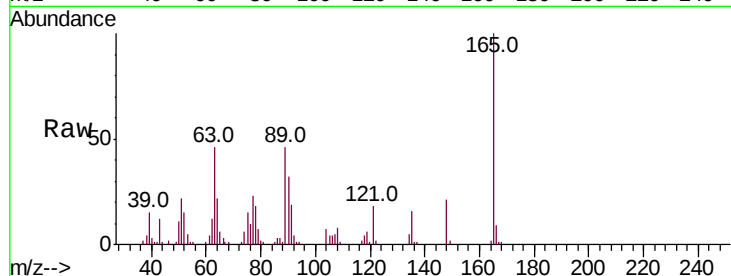
Tot Ion:165 Resp: 68299

Ion Ratio Lower Upper

165 100

63 46.1 48.9 73.3#

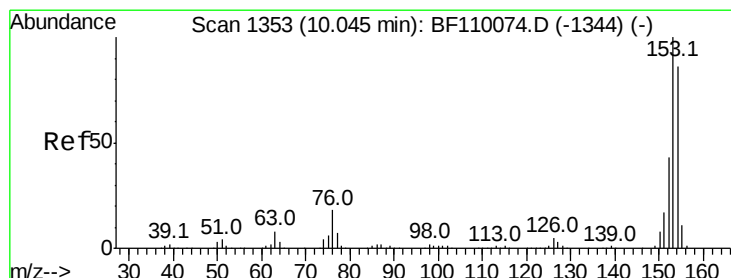
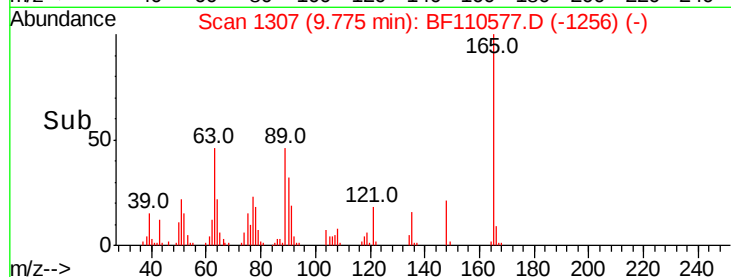
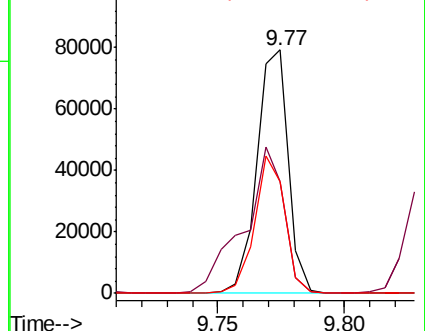
89 46.1 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 24.277 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

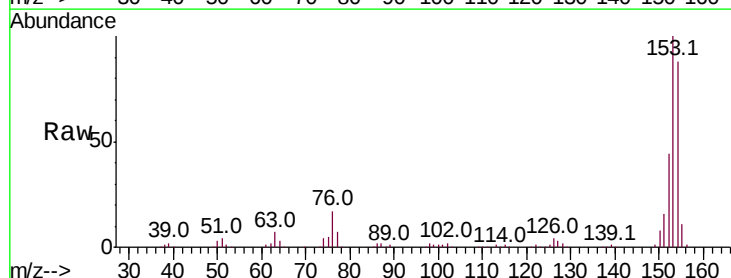
Tgt Ion:154 Resp: 247263

Ion Ratio Lower Upper

154 100

153 113.6 90.1 135.1

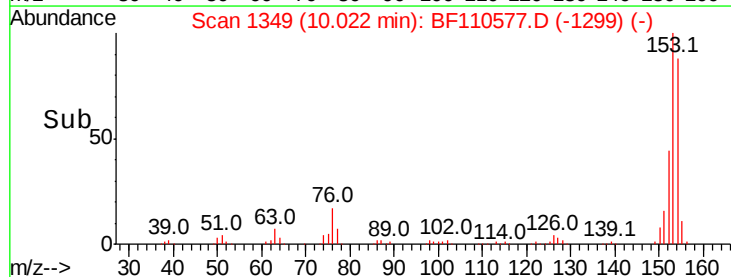
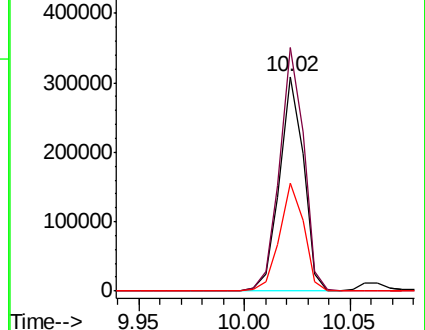
152 50.3 43.4 65.2

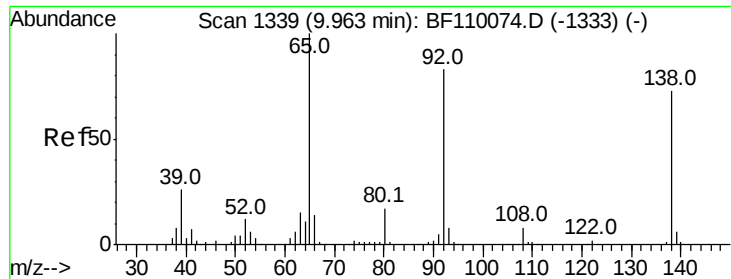


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

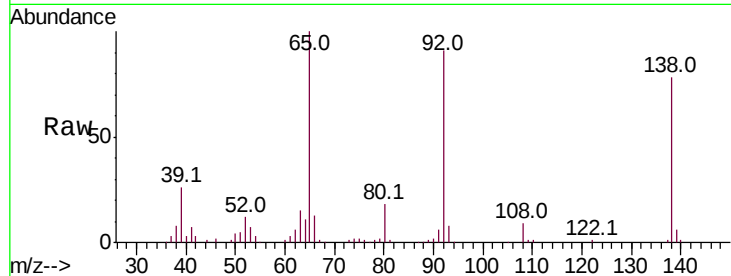




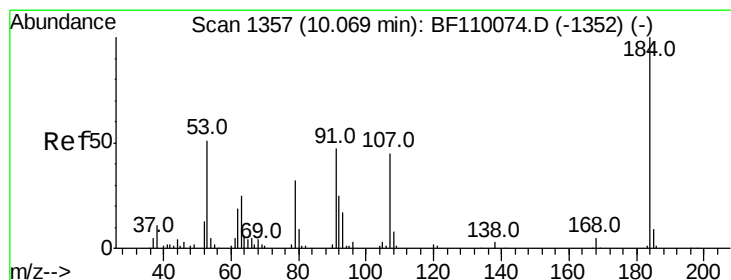
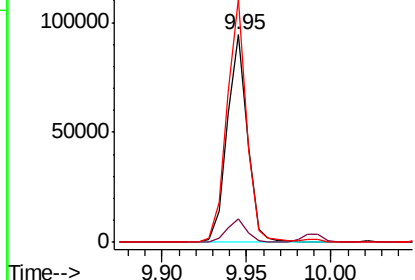
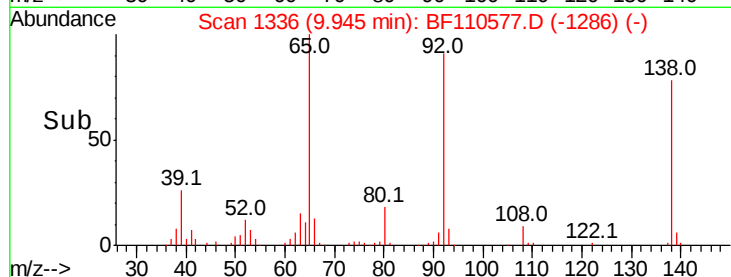
#53
3-Nitroaniline
Concen: 25.804 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 78405
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 117.4 97.0 145.4

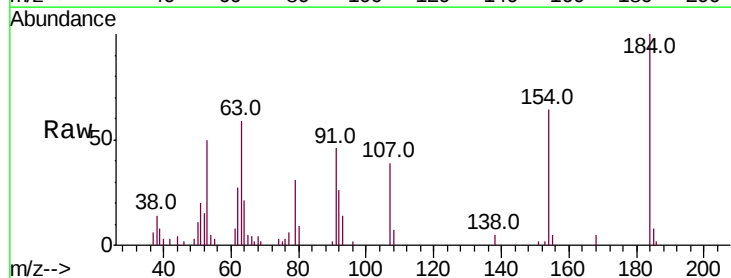


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

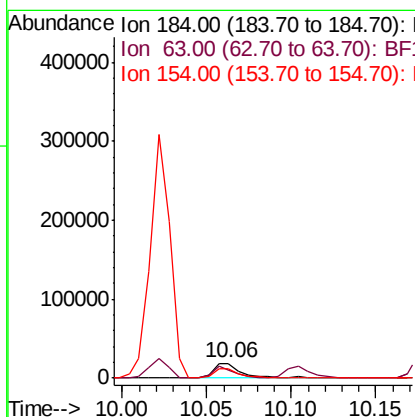
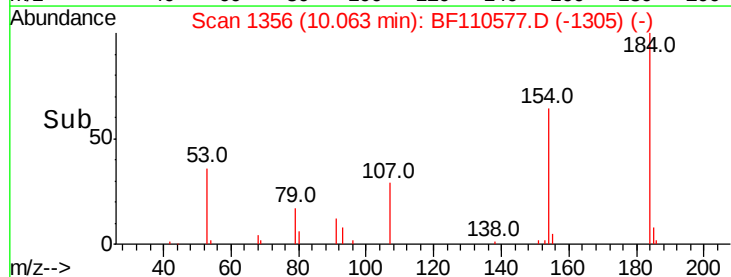


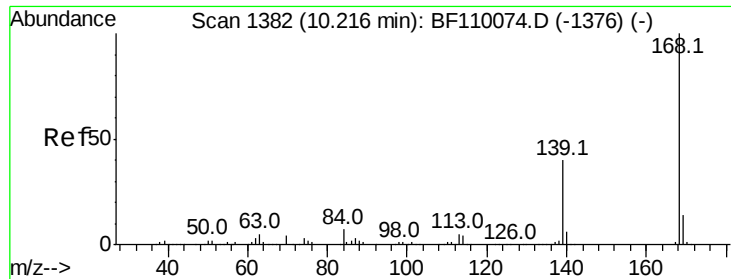
#54
2,4-Dinitrophenol
Concen: 24.189 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:184 Resp: 21714
Ion Ratio Lower Upper
184 100
63 59.1 55.8 83.6
154 64.5 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

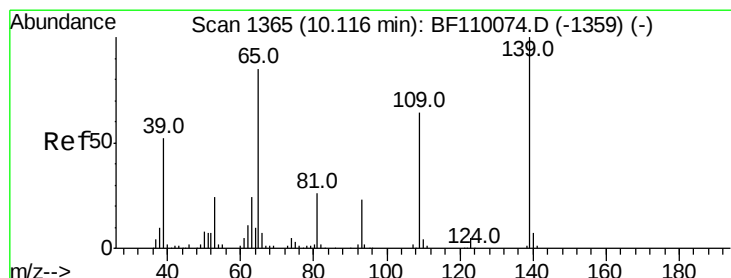
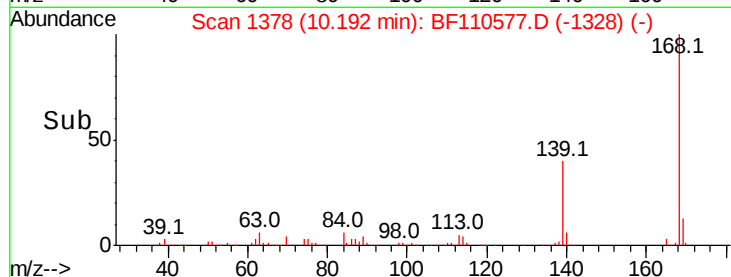
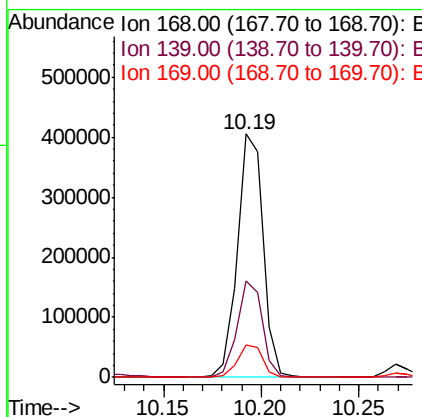
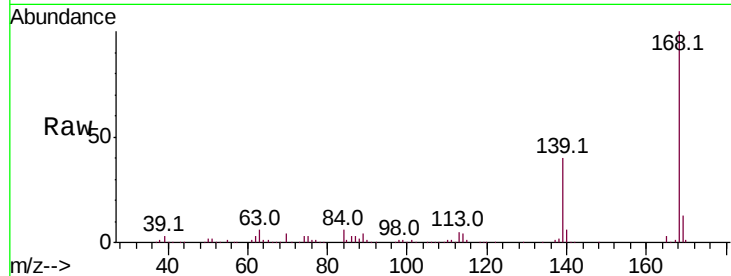




#55
Dibenzenofuran
Concen: 25.961 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

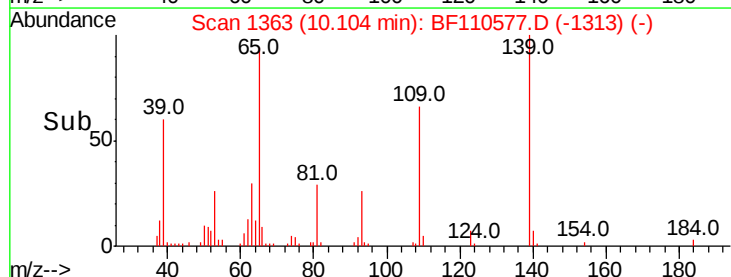
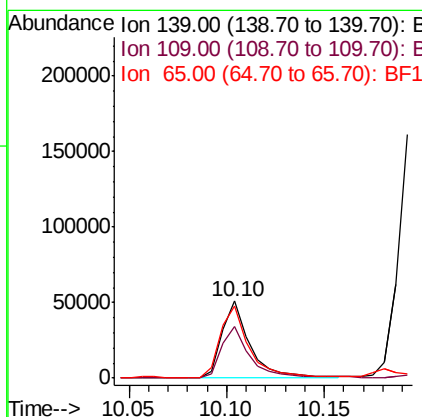
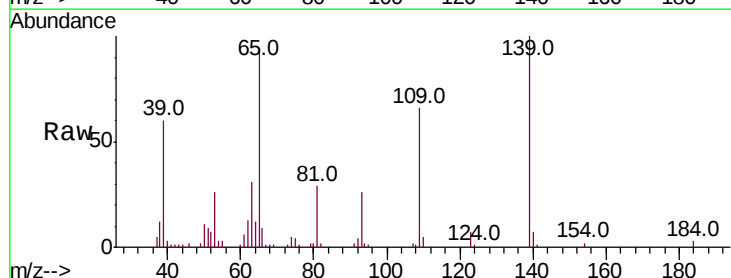
Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 370203
Ion Ratio Lower Upper
168 100
139 39.8 33.0 49.6
169 13.3 11.3 16.9



#56
4-Nitrophenol
Concen: 22.897 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:139 Resp: 51492
Ion Ratio Lower Upper
139 100
109 66.4 55.8 95.8
65 94.3 77.9 117.9

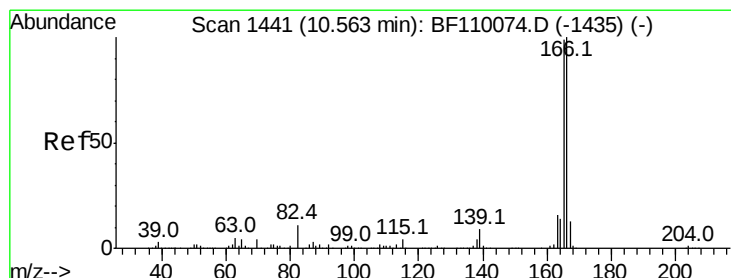
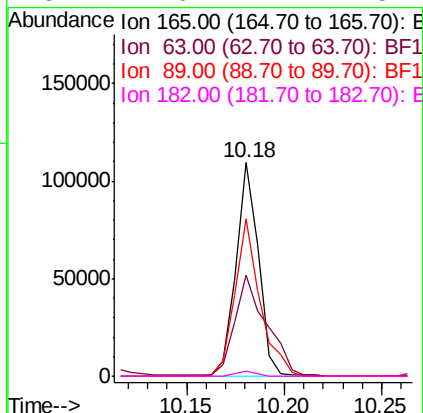
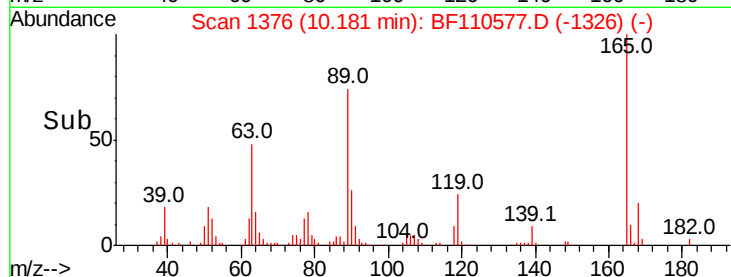
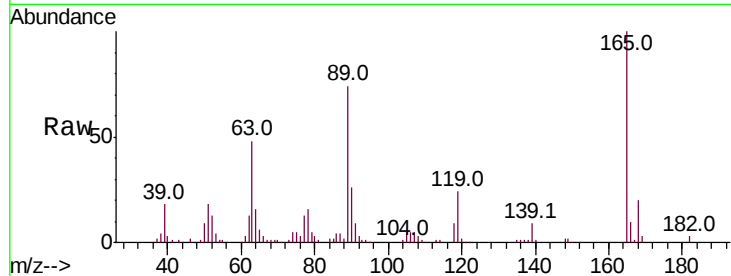




#57
2,4-Dinitrotoluene
Concen: 26.969 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

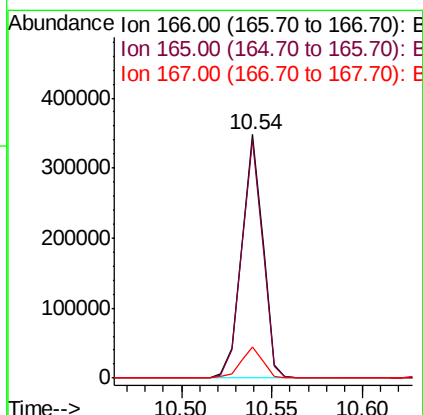
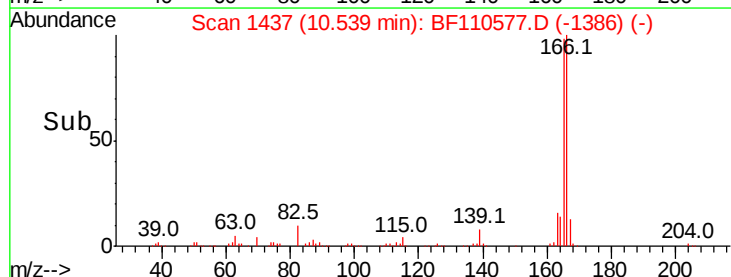
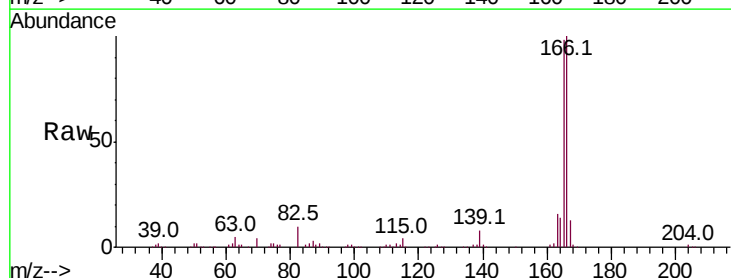
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	44.8	67.2
89	73.9	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 26.537 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	12.7	10.8	16.2

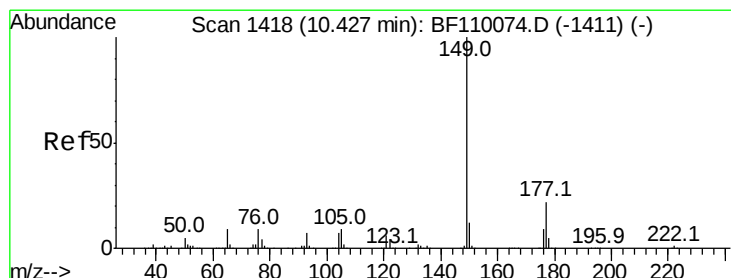
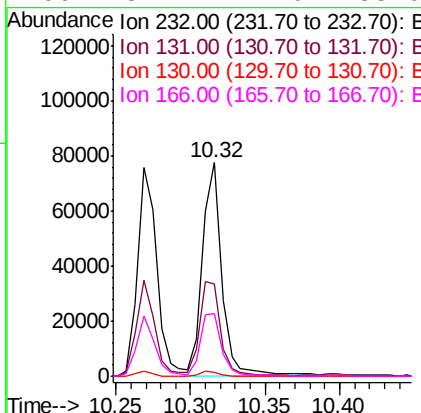
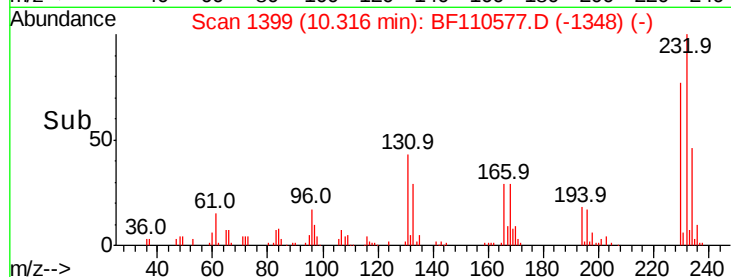
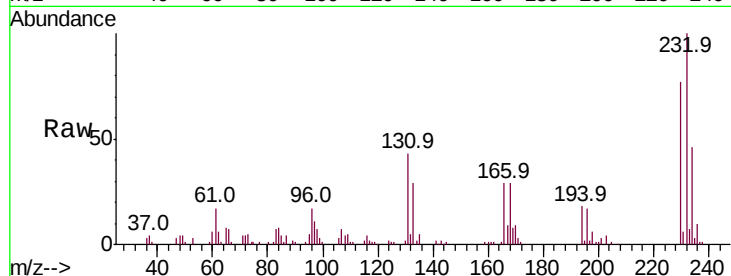




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 24.803 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

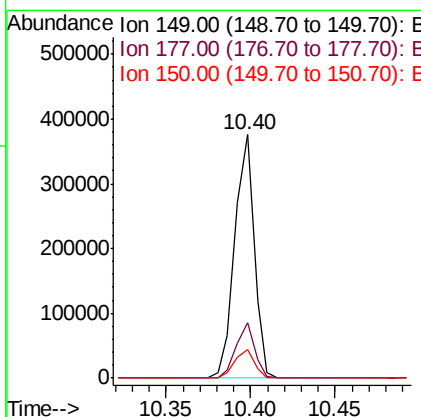
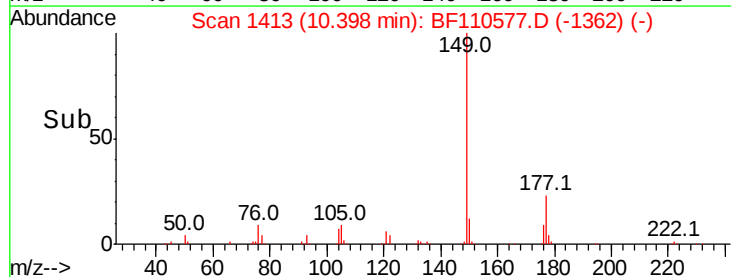
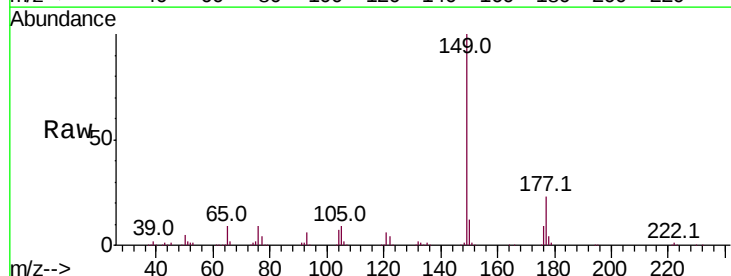
Instrument :
 BNA_F
 ClientSampled :

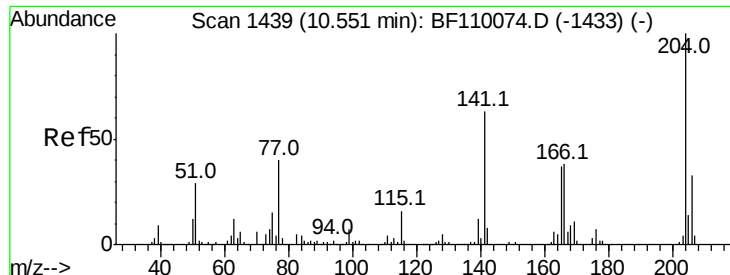
Tot Ion:232 Resp: 69010
 Ion Ratio Lower Upper
 232 100
 131 49.1 37.0 55.4
 130 2.2 1.8 2.6
 166 32.1 22.0 33.0



#60
 Diethylphthalate
 Concen: 25.945 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

Tgt Ion:149 Resp: 300428
 Ion Ratio Lower Upper
 149 100
 177 22.6 17.4 26.2
 150 11.7 9.8 14.8

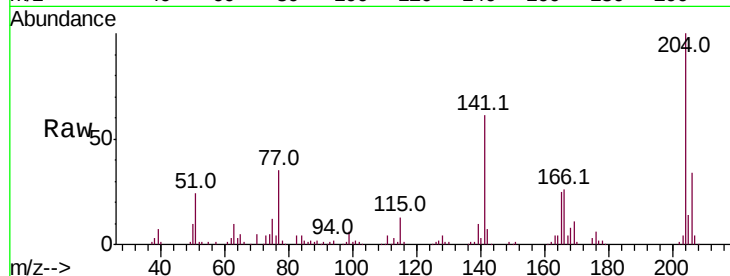




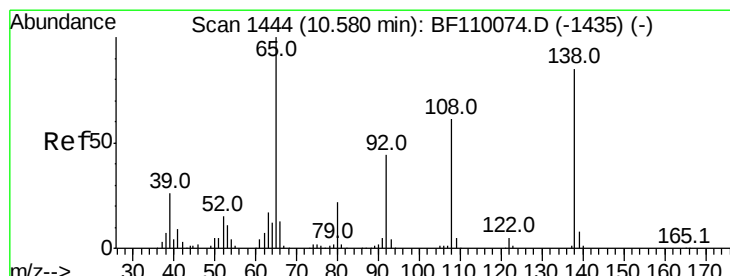
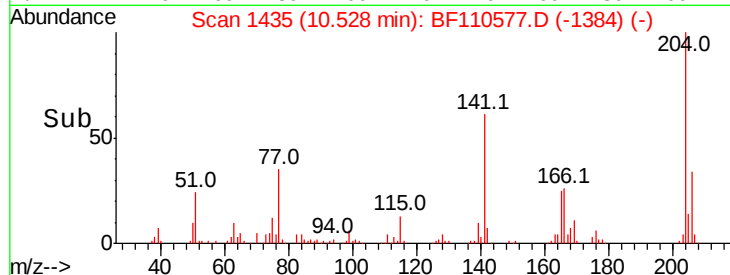
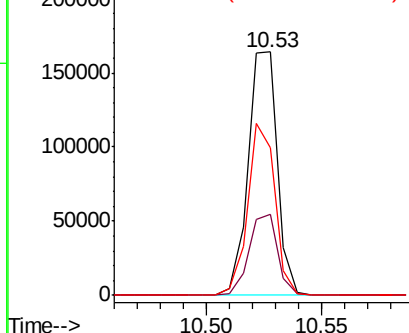
#61
4-Chlorophenyl-phenylether
Concen: 26.106 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 146156
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 60.7 51.8 77.8

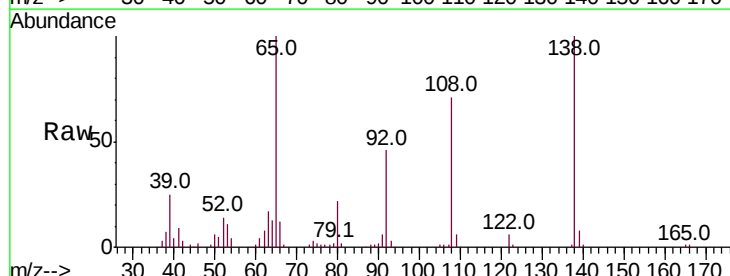


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

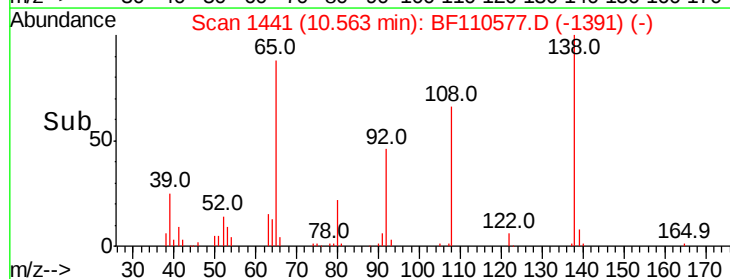
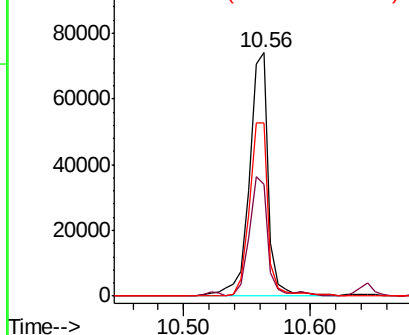


#62
4-Nitroaniline
Concen: 25.625 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:138 Resp: 77440
Ion Ratio Lower Upper
138 100
92 45.8 31.7 71.7
108 71.2 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

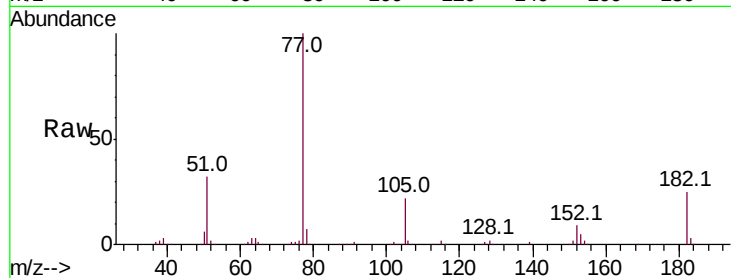




#63
Azobenzene
Concen: 25.706 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.3	44.3
105	22.0	1.3	41.3
51	31.5	9.0	49.0



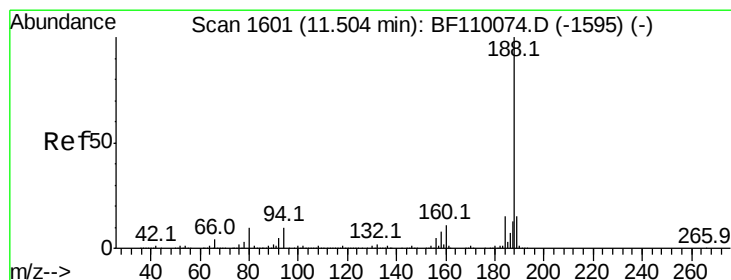
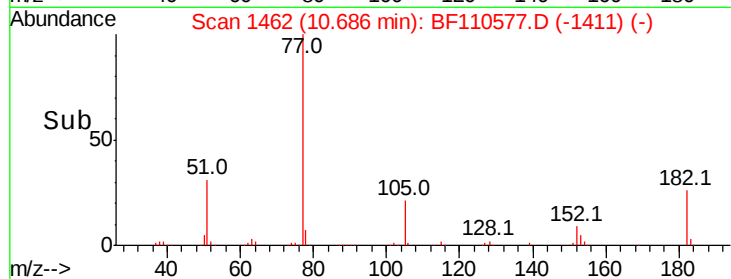
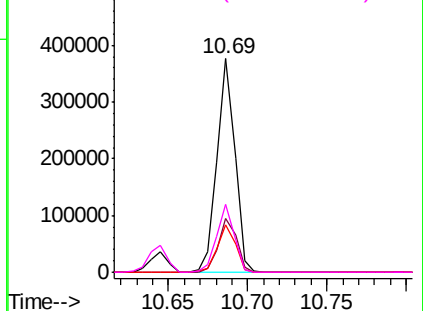
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

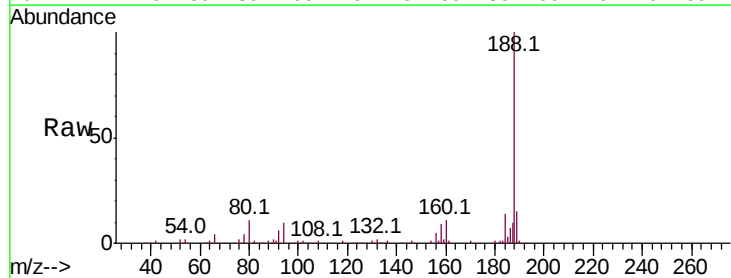
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.7	7.9	11.9

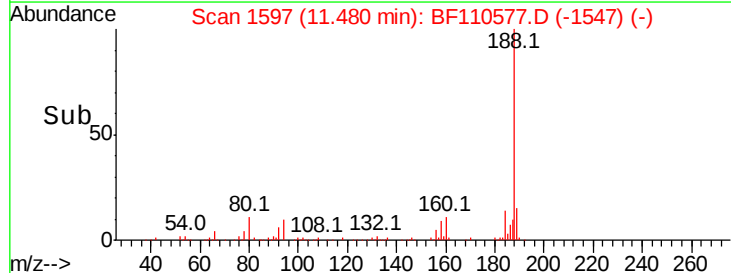
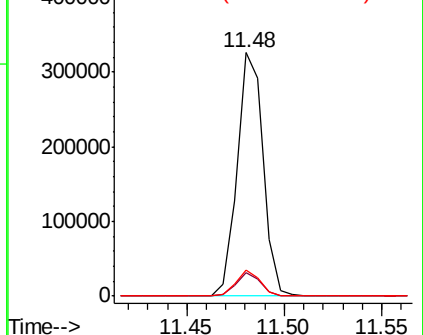


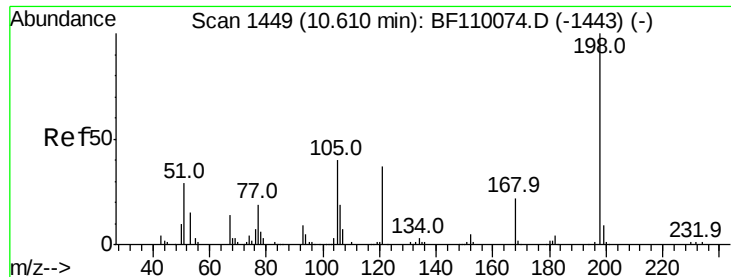
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 26.432 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampleId :

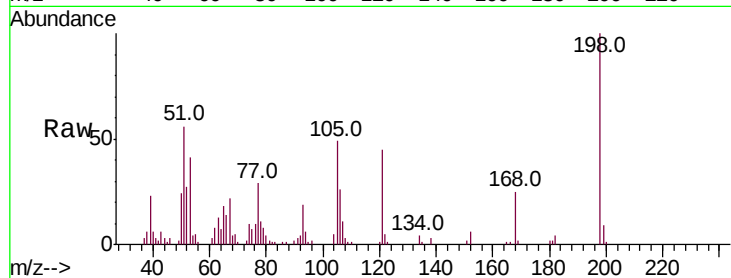
Tot Ion:198 Resp: 36274

Ion	Ratio	Lower	Upper
198	100		
51	56.5	22.8	62.8
105	48.7	23.6	63.6

198 100

51 56.5 22.8 62.8

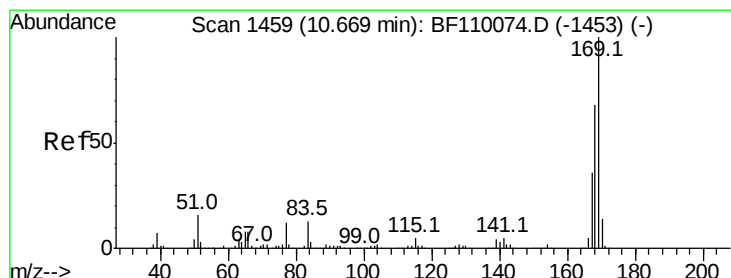
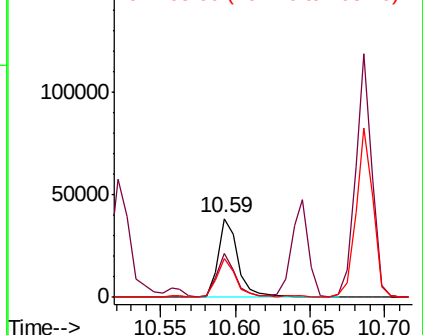
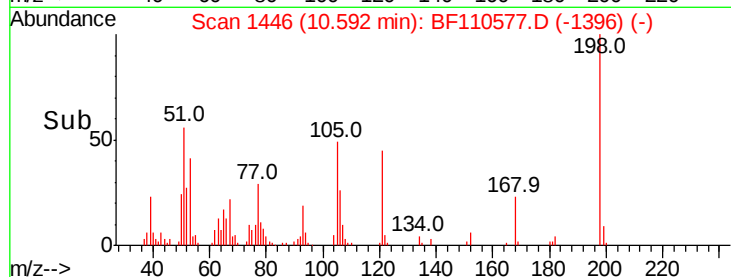
105 48.7 23.6 63.6



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: 26.299 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

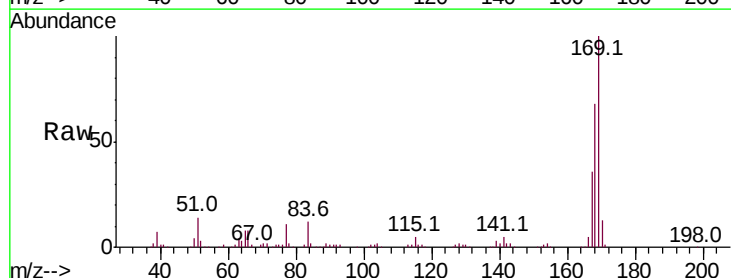
Tgt Ion:169 Resp: 259103

Ion	Ratio	Lower	Upper
169	100		
168	68.4	51.2	76.8
167	36.4	27.8	41.6

169 100

168 68.4 51.2 76.8

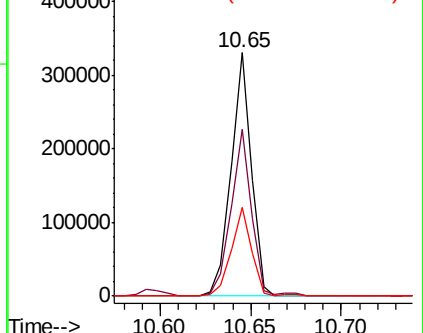
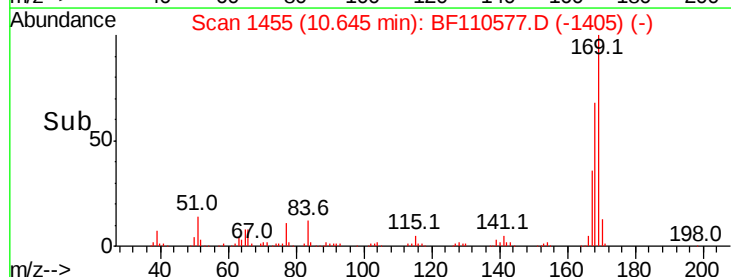
167 36.4 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

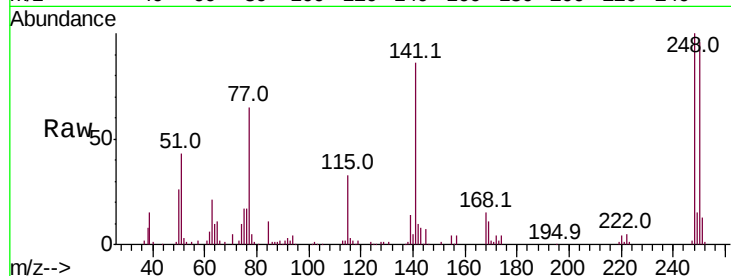




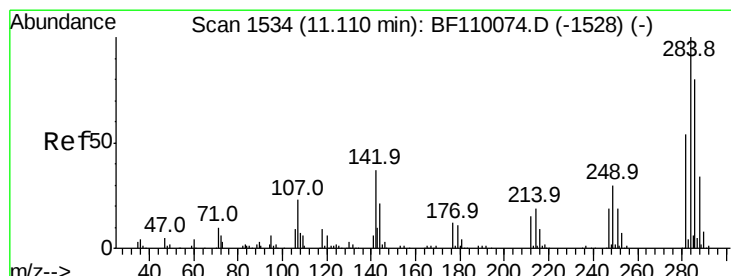
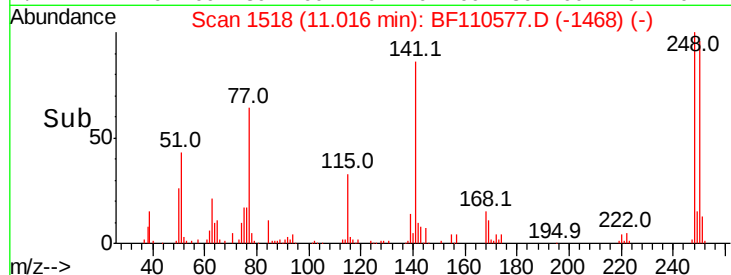
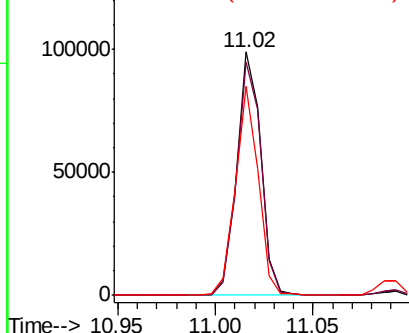
#67
 4-Bromophenyl-phenylether
 Concen: 25.976 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 84636
 Ion Ratio Lower Upper
 248 100
 250 95.6 79.4 119.2
 141 85.9 55.9 83.9#

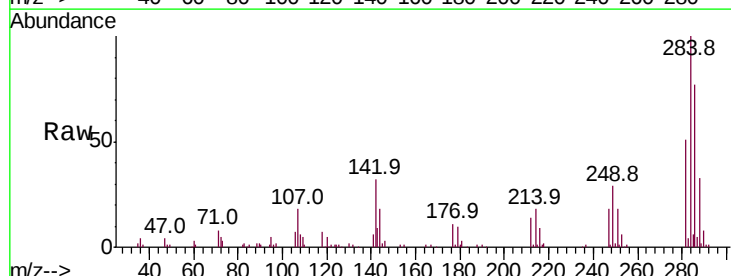


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

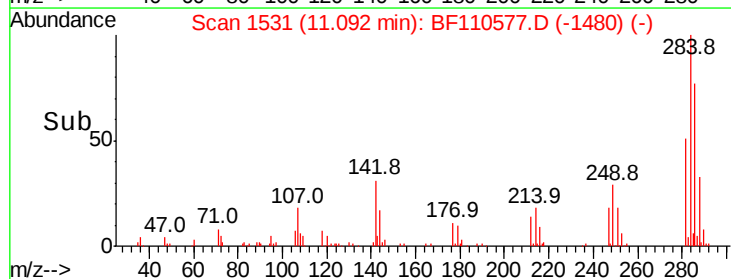
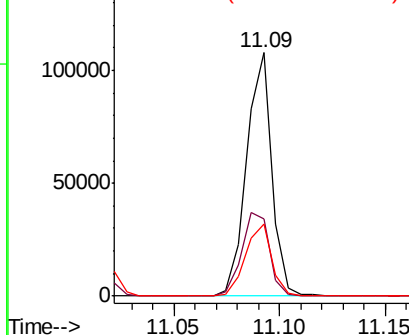


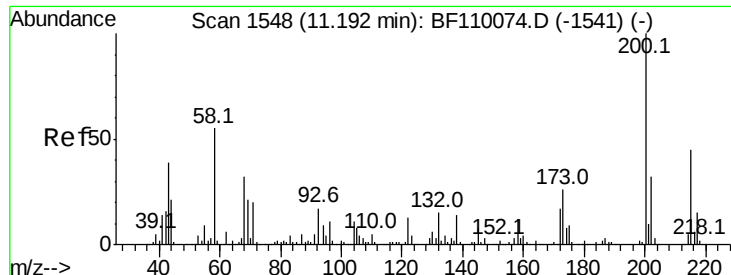
#68
 Hexachlorobenzene
 Concen: 25.915 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

Tgt Ion:284 Resp: 89589
 Ion Ratio Lower Upper
 284 100
 142 31.9 23.9 35.9
 249 29.4 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

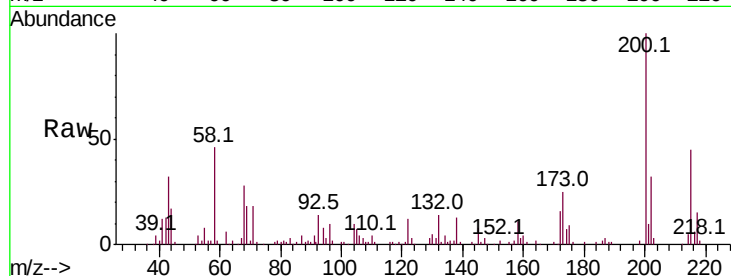




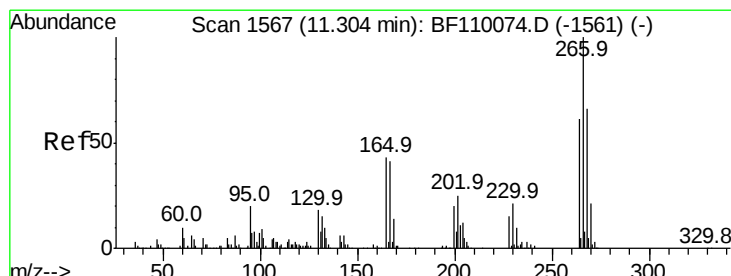
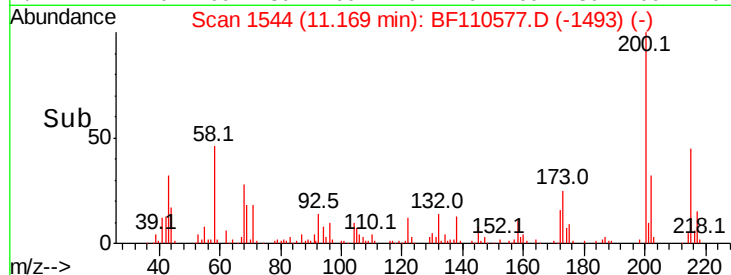
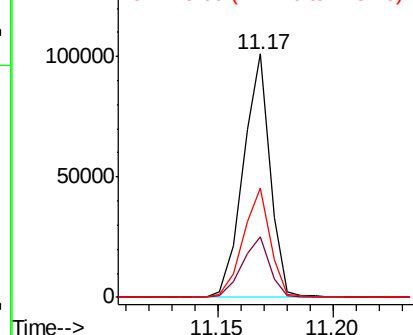
#69
Atrazine
Concen: 26.303 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 81897
Ion Ratio Lower Upper
200 100
173 24.6 6.6 46.6
215 44.6 26.3 66.3

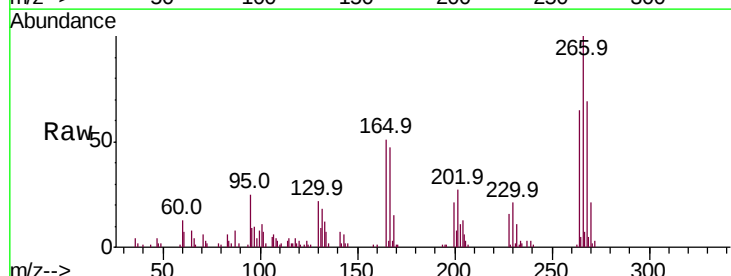


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

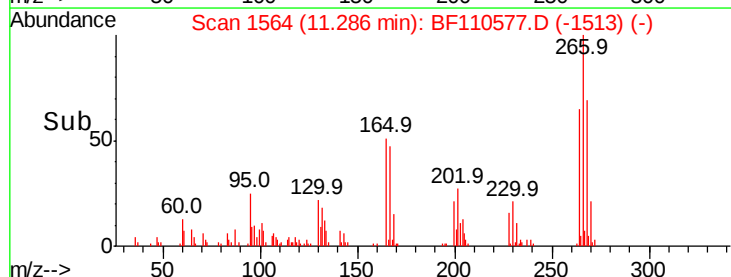
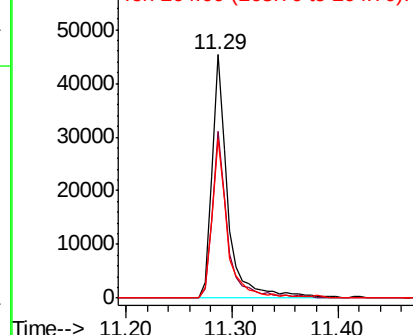


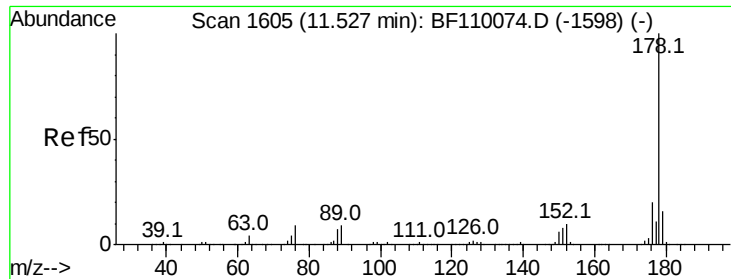
#70
Pentachlorophenol
Concen: 23.595 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:266 Resp: 47564
Ion Ratio Lower Upper
266 100
268 68.7 50.6 75.8
264 65.3 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

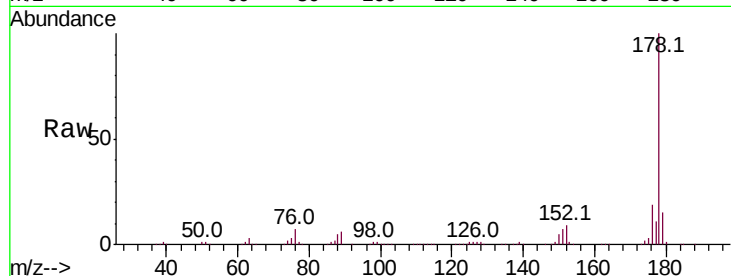




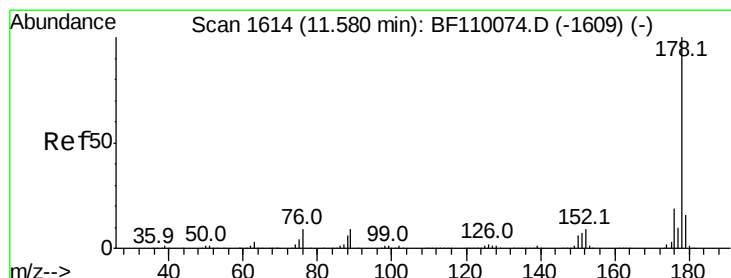
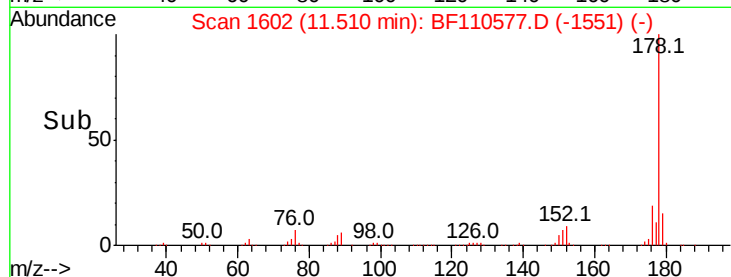
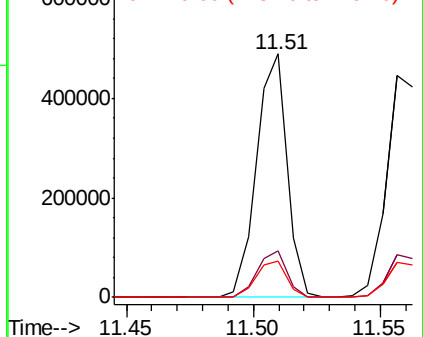
#71
Phenanthrene
Concen: 26.325 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 413758
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 14.9 12.5 18.7

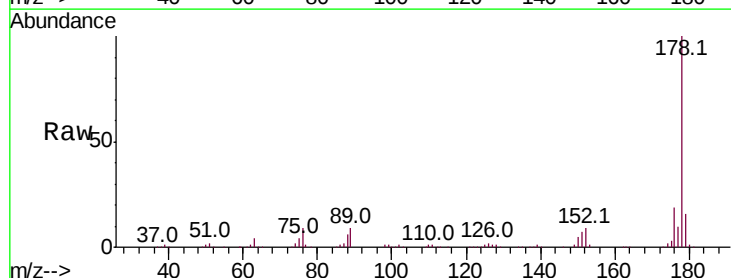


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

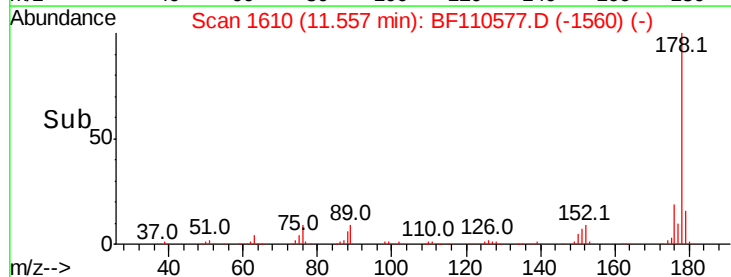
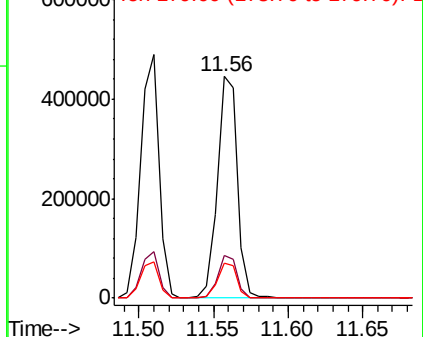


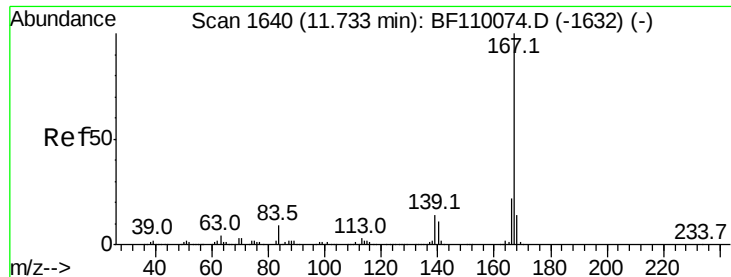
#72
Anthracene
Concen: 26.542 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:178 Resp: 418140
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 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

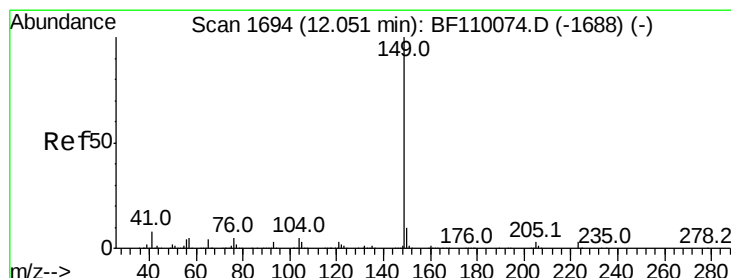
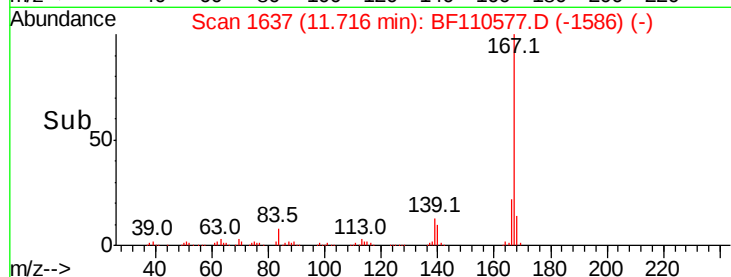
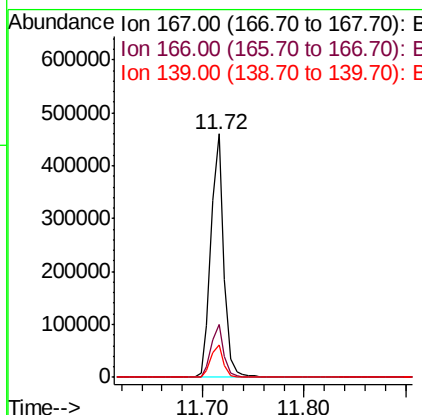
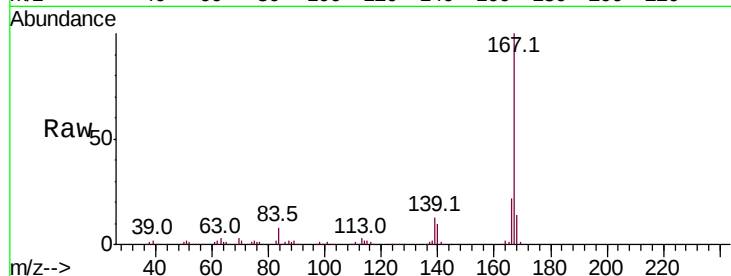




#73
 Carbazole
 Concen: 26.370 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

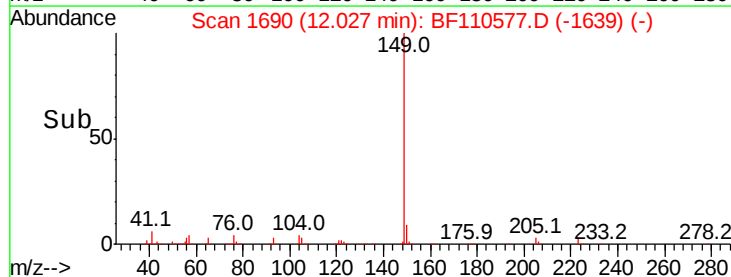
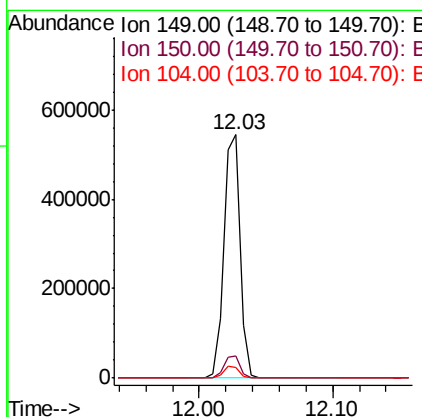
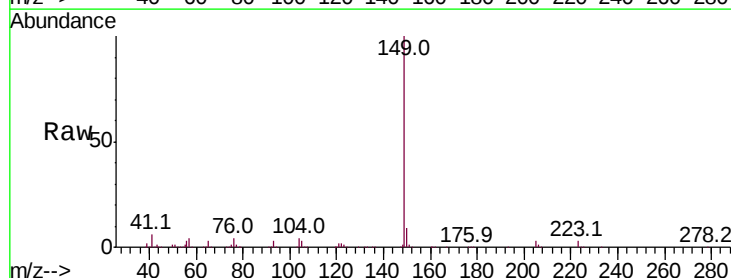
Instrument :
 BNA_F
 ClientSampleId :

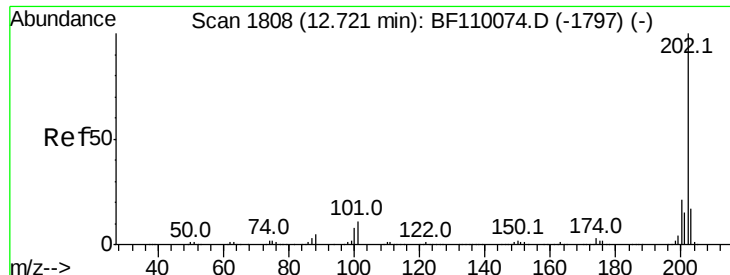
Tot Ion:167 Resp: 405628
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 26.977 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

Tgt Ion:149 Resp: 468660
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.3 4.2 6.4

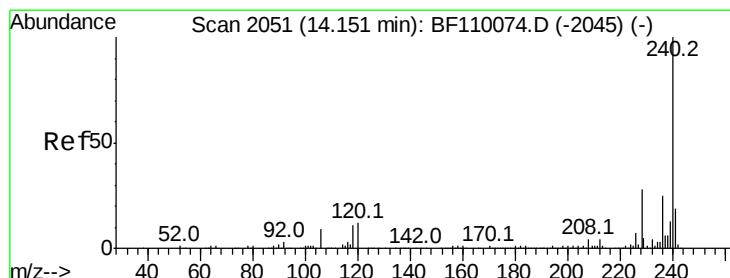
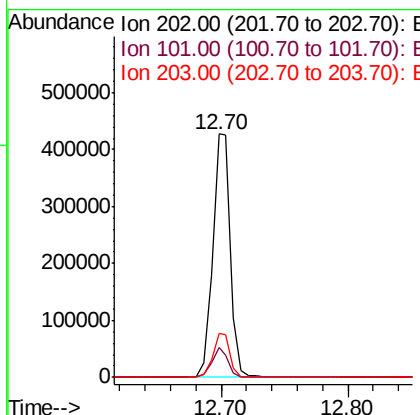
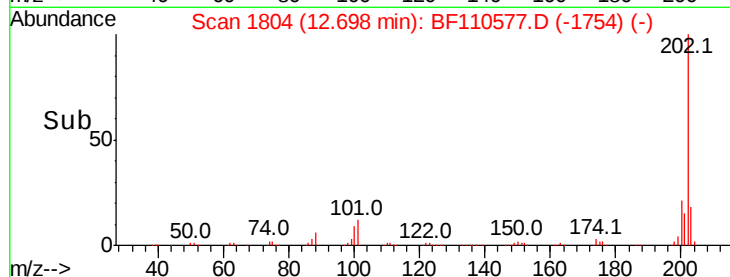
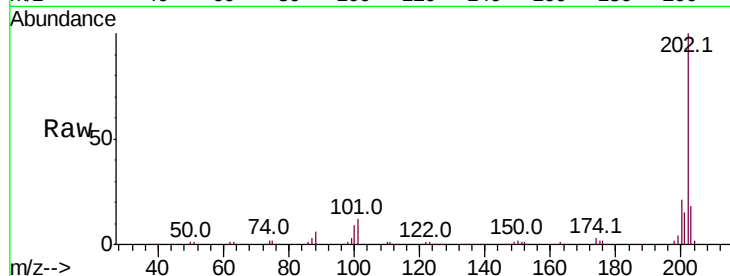




#75
 Fluoranthene
 Concen: 26.189 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

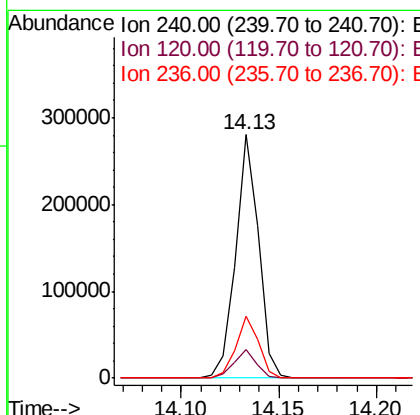
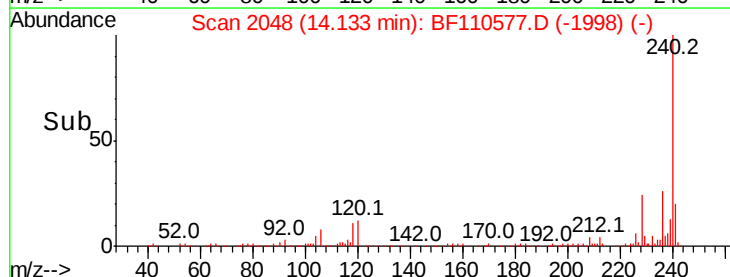
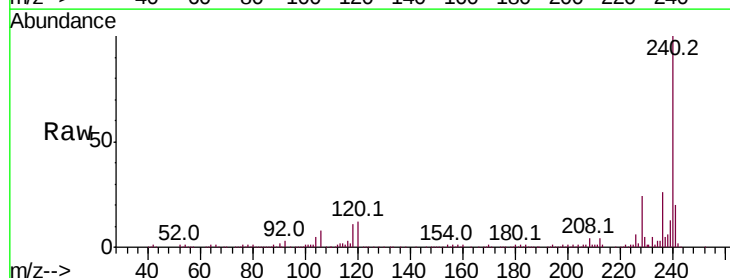
Instrument :
 BNA_F
 ClientSampled :

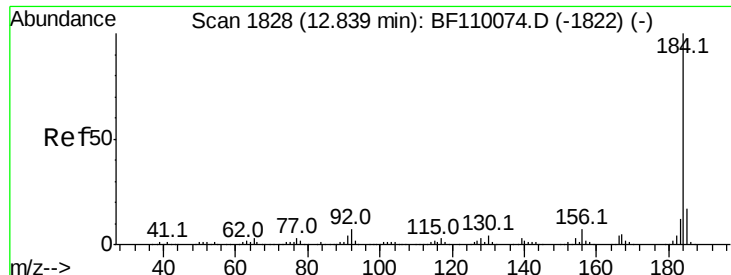
Tot Ion:202 Resp: 417749
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.4
 203 18.2 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110577.D
 Acq: 8 Nov 2018 11:42

Tgt Ion:240 Resp: 228134
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.3 12.5
 236 25.6 21.2 31.8

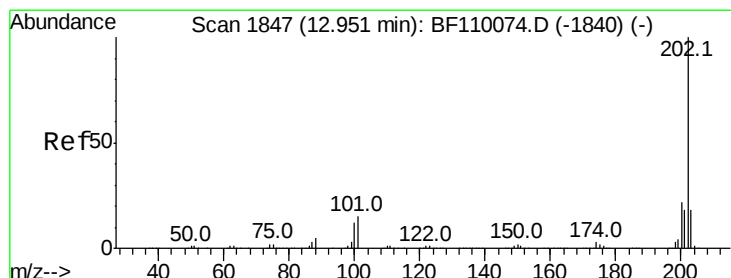
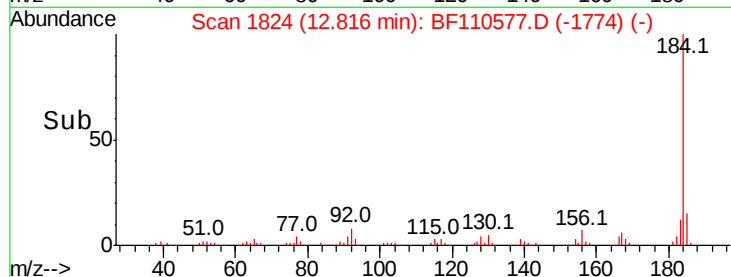
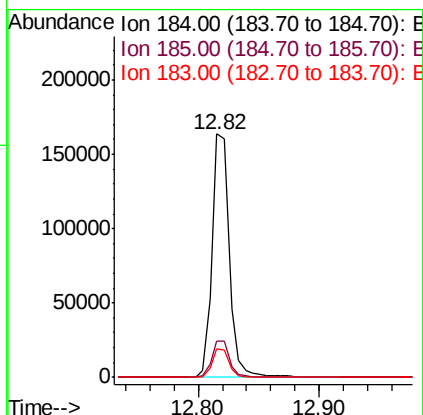
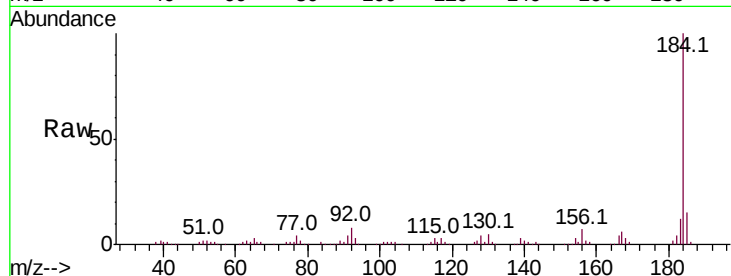




#77
Benzidine
Concen: 20.687 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

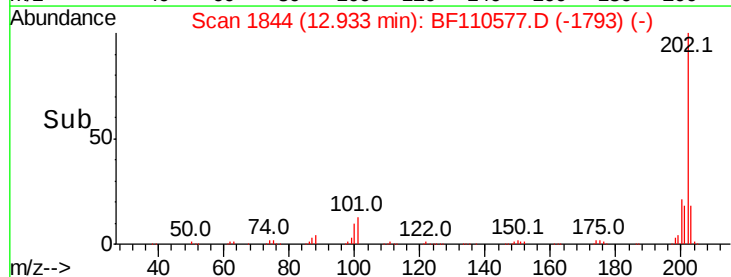
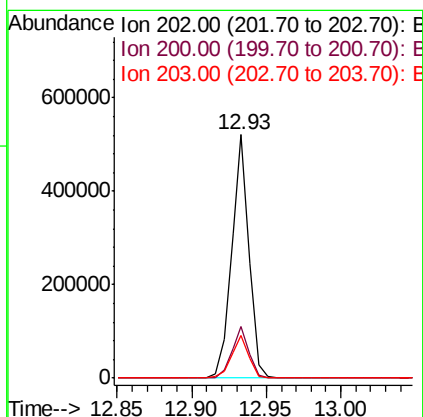
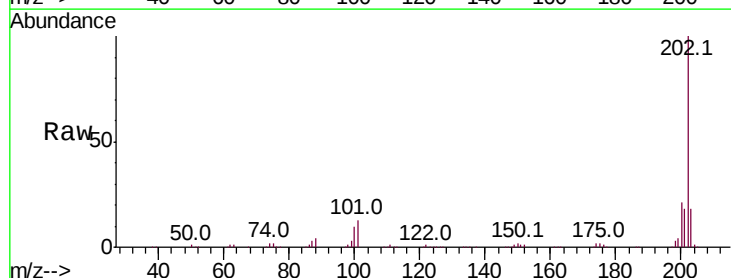
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 160661
Ion Ratio Lower Upper
184 100
185 14.7 13.4 20.2
183 11.9 9.4 14.2



#78
Pyrene
Concen: 26.063 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:202 Resp: 426263
Ion Ratio Lower Upper
202 100
200 21.3 17.8 26.6
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 55.351 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampleId :

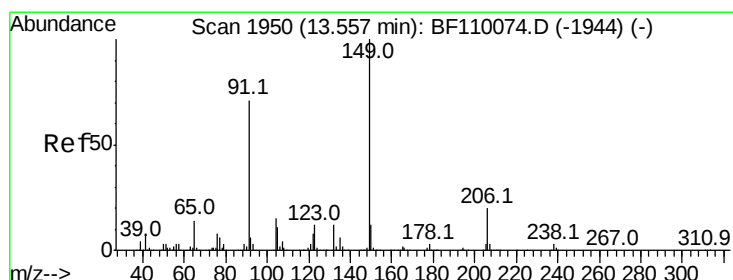
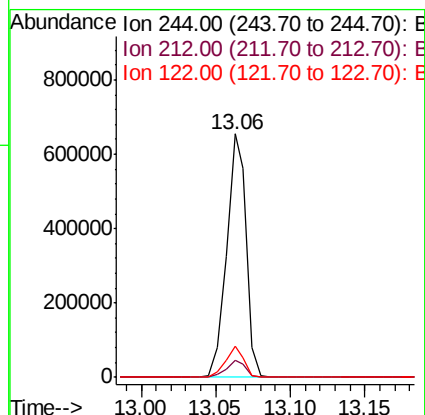
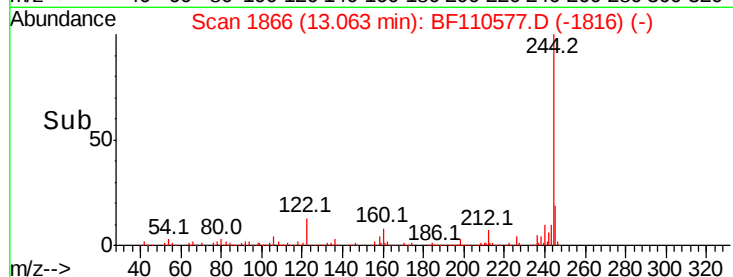
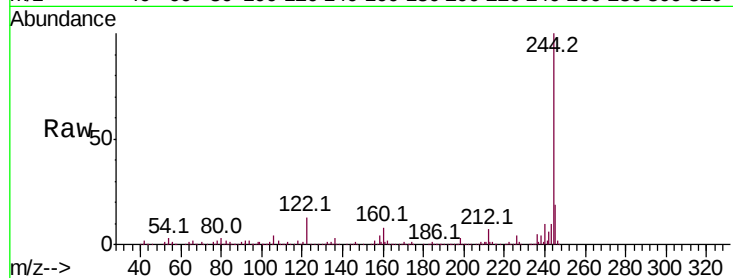
Tot Ion:244 Resp: 607177

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 12.7 8.7 13.1



#80

Butylbenzylphthalate

Concen: 26.096 ng

RT: 13.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

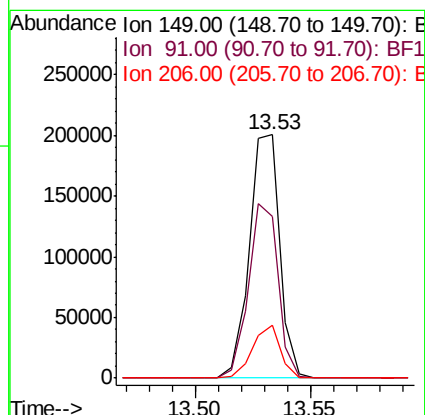
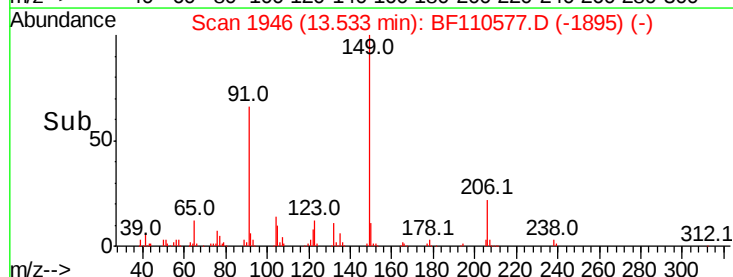
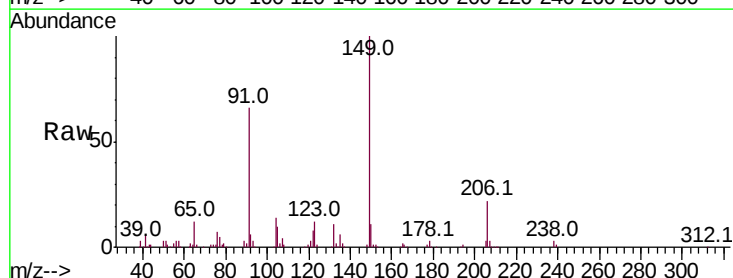
Tgt Ion:149 Resp: 185254

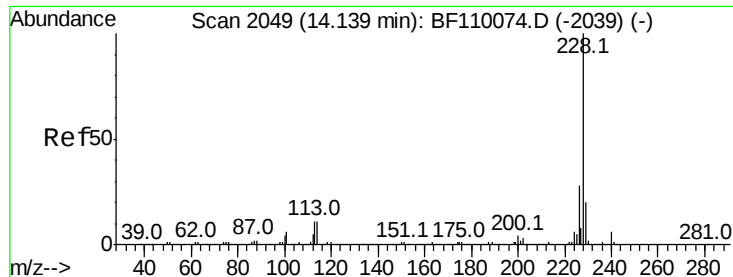
Ion Ratio Lower Upper

149 100

91 66.3 57.2 85.8

206 21.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 25.341 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampled :

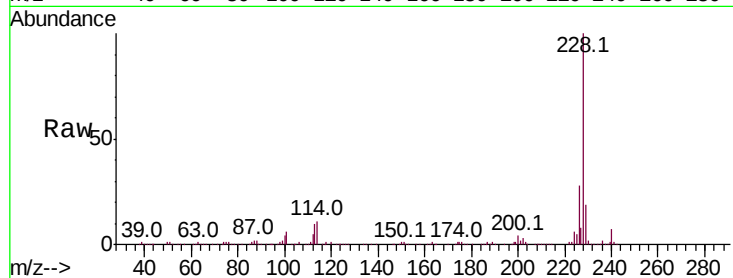
Tot Ion:228 Resp: 342836

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

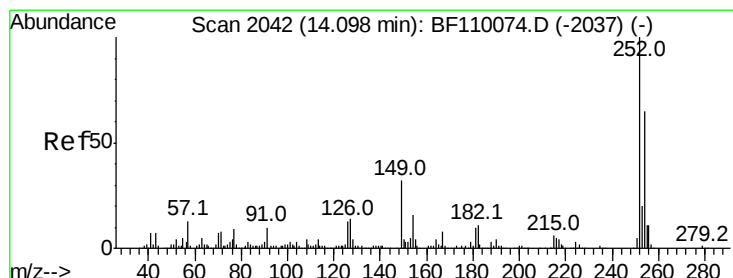
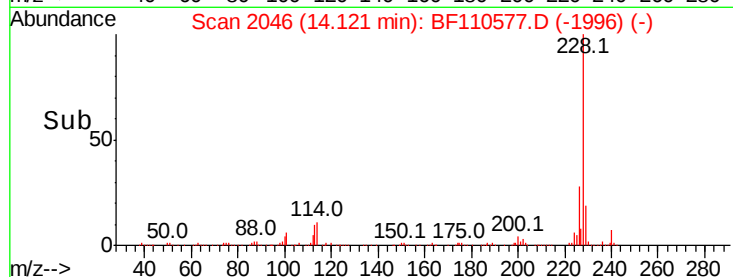
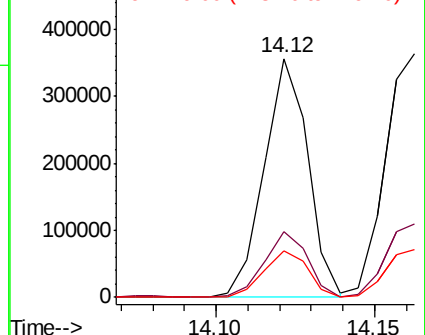
229 19.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.323 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

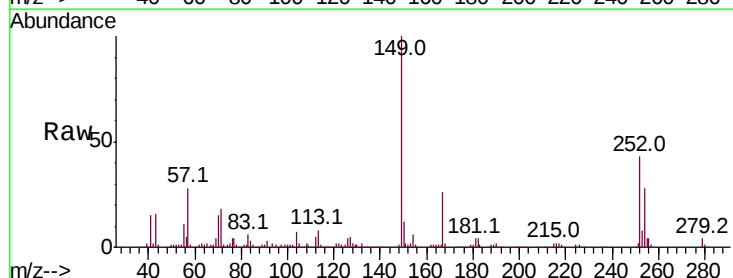
Tgt Ion:252 Resp: 124006

Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

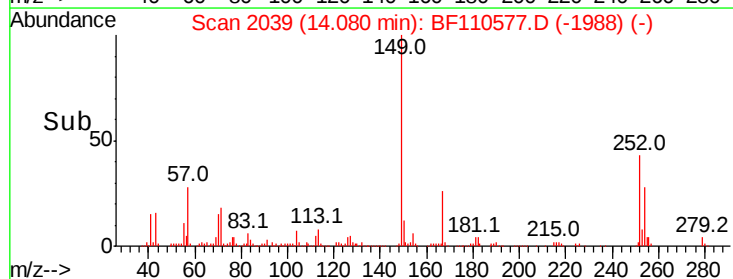
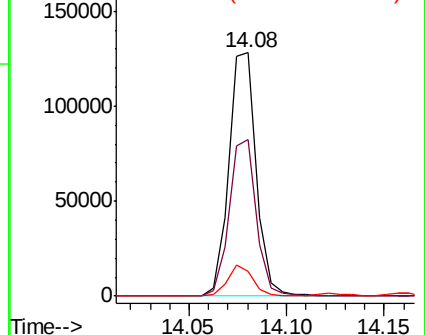
126 10.3 9.4 14.2

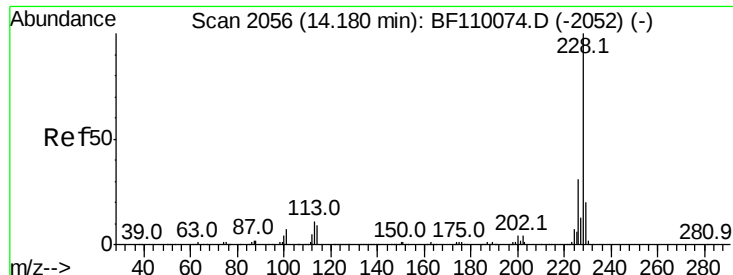


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 25.677 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

Instrument :

BNA_F

ClientSampled :

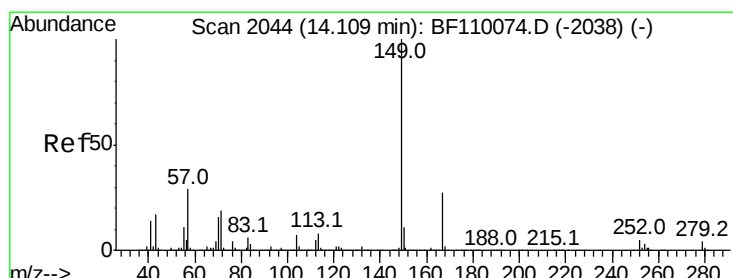
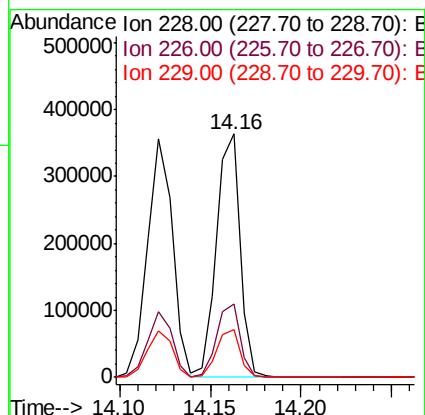
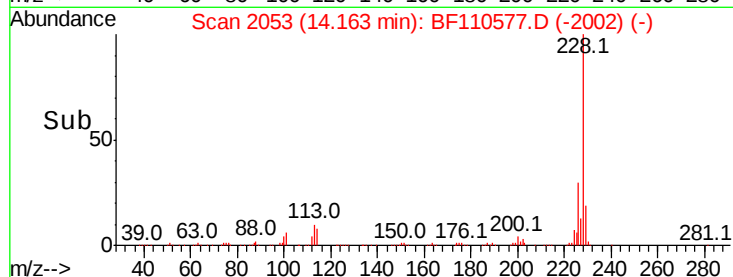
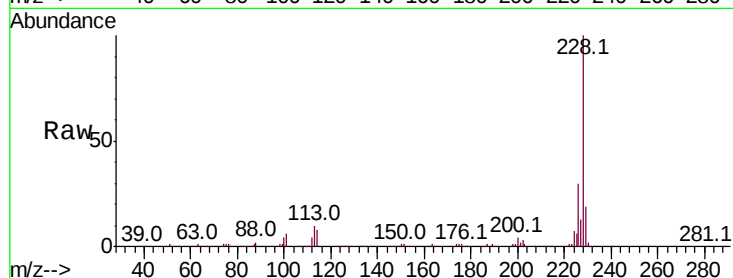
Tot Ion:228 Resp: 329947

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 19.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.475 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110577.D

Acq: 8 Nov 2018 11:42

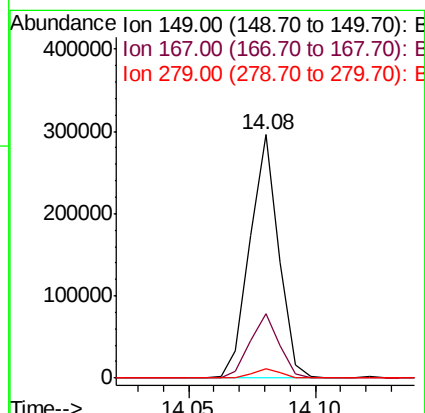
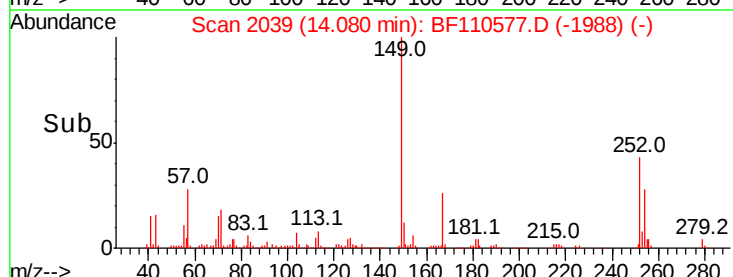
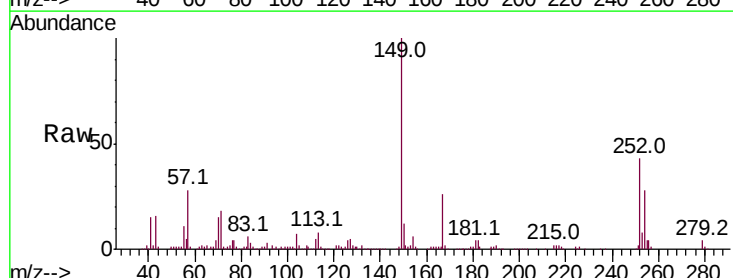
Tgt Ion:149 Resp: 234871

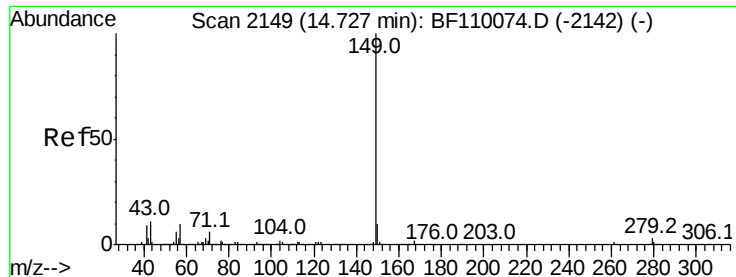
Ion Ratio Lower Upper

149 100

167 26.5 19.8 29.8

279 3.6 2.7 4.1

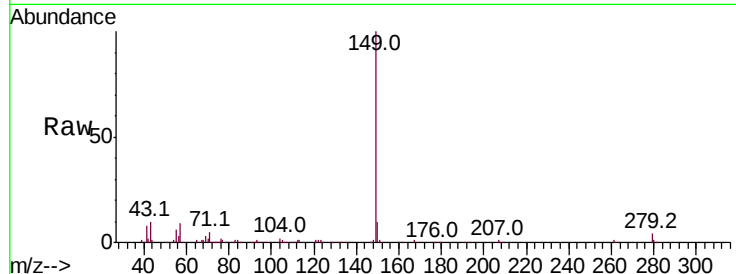




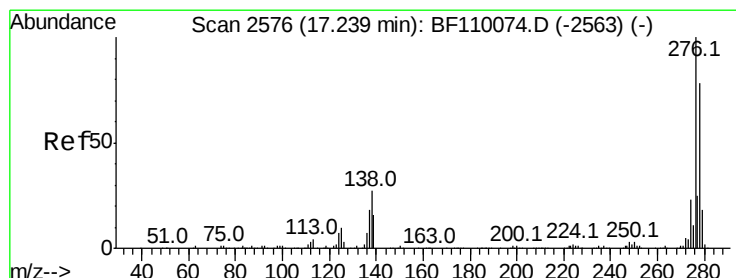
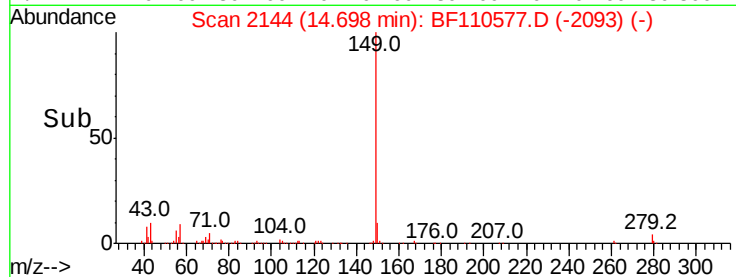
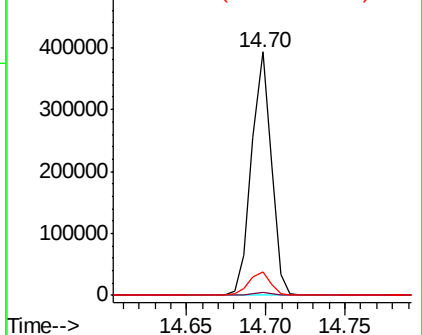
#85
Di-n-octyl phthalate
Concen: 22.843 ng
RT: 14.70 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 340858
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.0 7.8 11.8

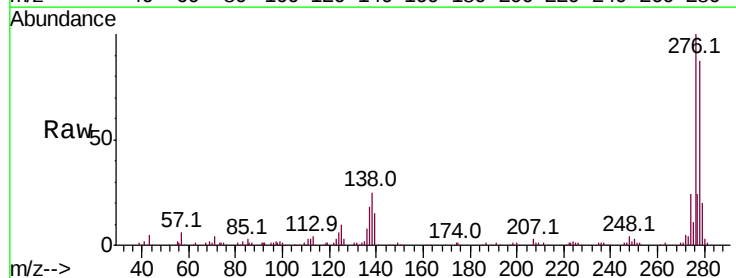


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

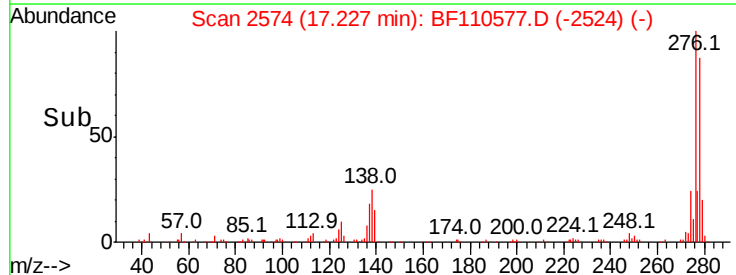
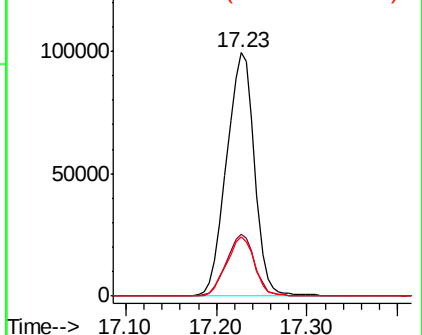


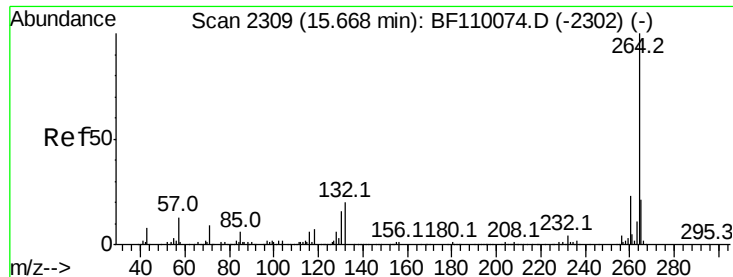
#86
Indeno(1,2,3-cd)pyrene
Concen: 19.998 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:276 Resp: 213181
Ion Ratio Lower Upper
276 100
138 25.6 18.5 27.7
277 24.3 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



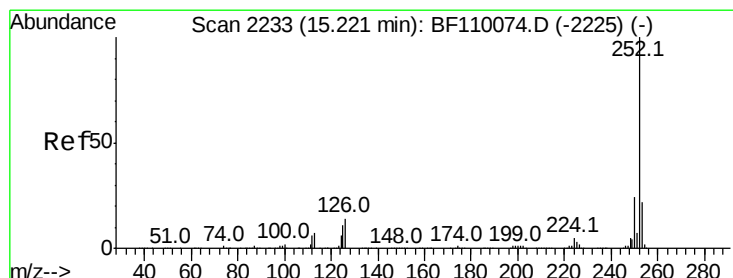
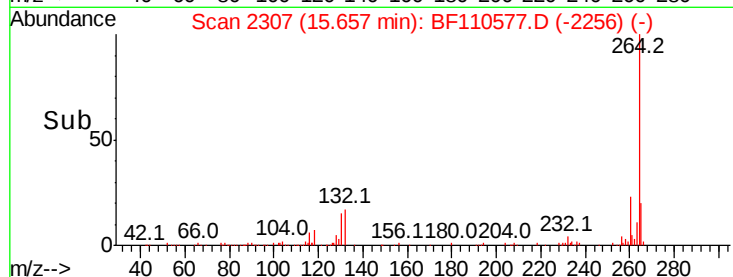
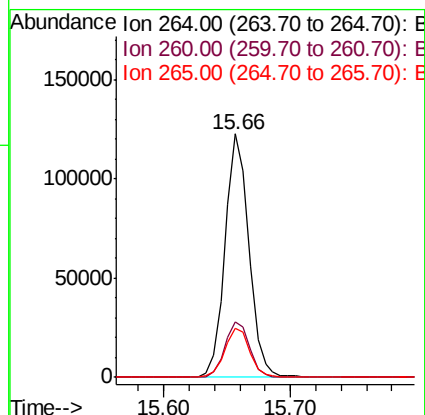
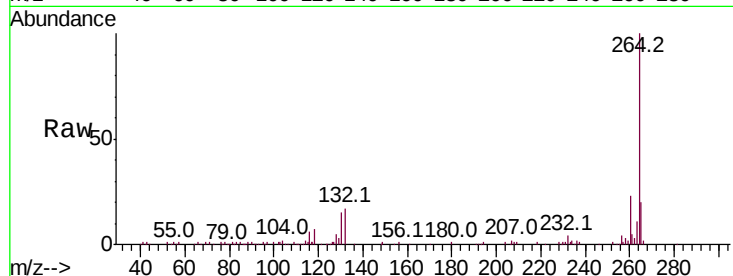


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 159648

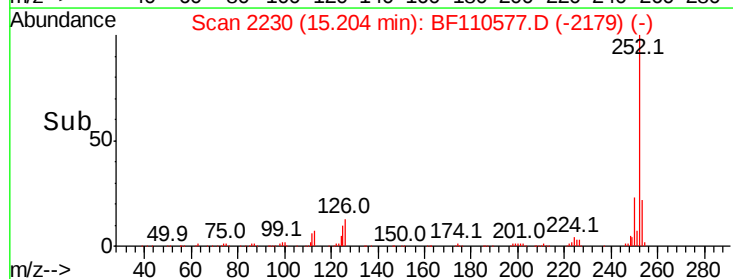
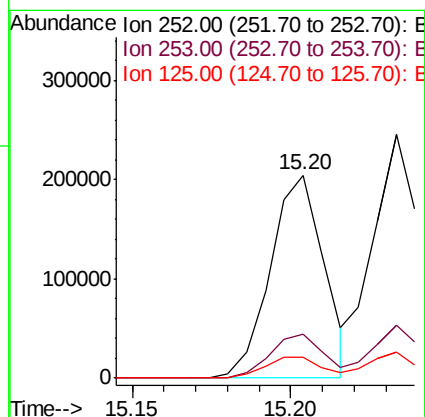
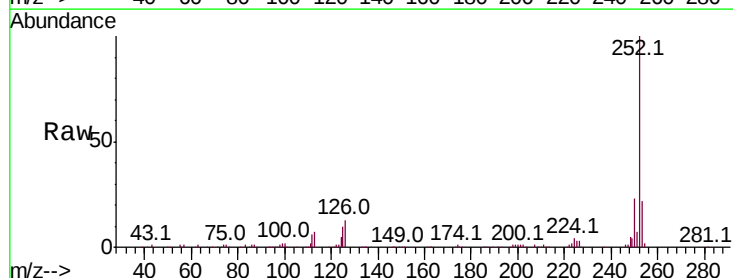
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	20.2	16.7	25.1

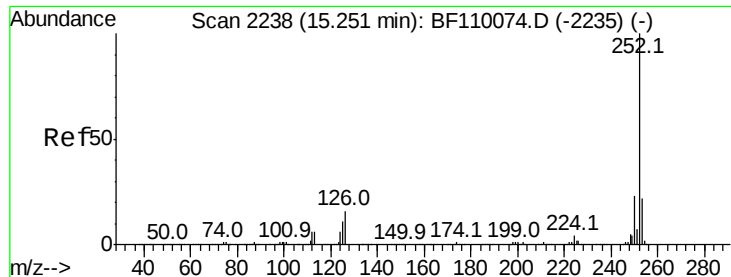


#88
Benzo(b)fluoranthene
Concen: 26.064 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion:252 Resp: 240291

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.4	8.2	12.4

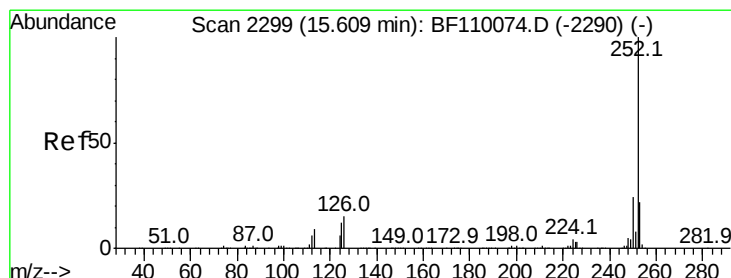
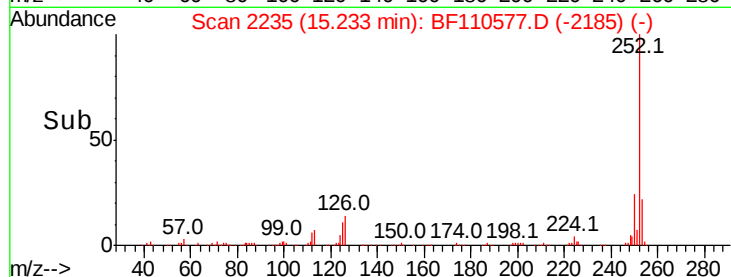
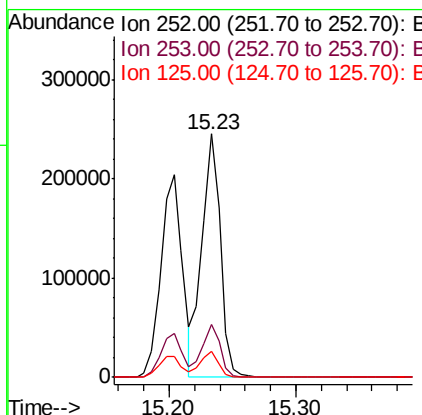
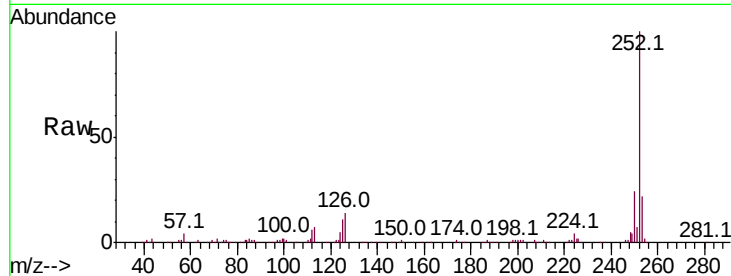




#89
Benzo(k)fluoranthene
Concen: 27.548 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

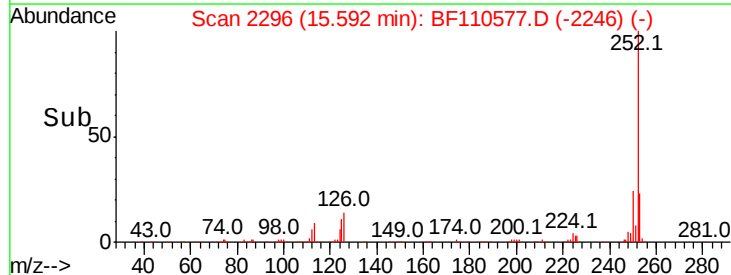
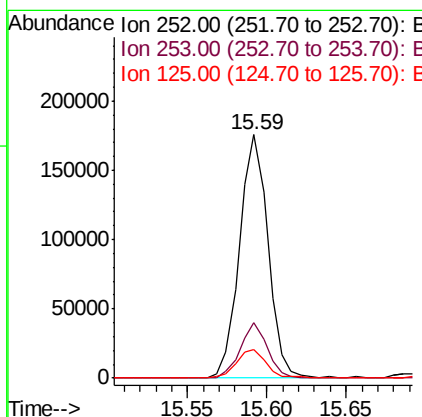
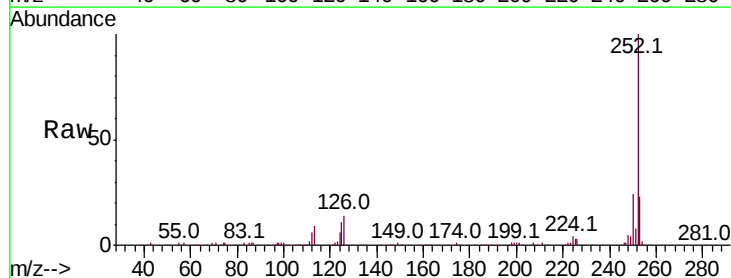
Instrument :
BNA_F
ClientSampleId :

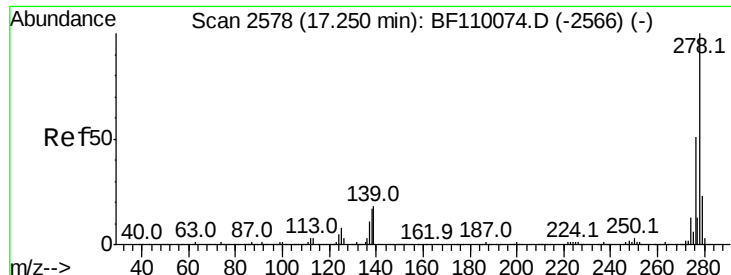
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.8	7.4	11.0



#90
Benzo(a)pyrene
Concen: 25.881 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.5	9.0	13.6

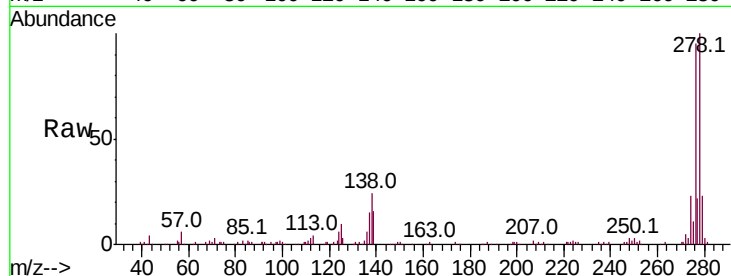




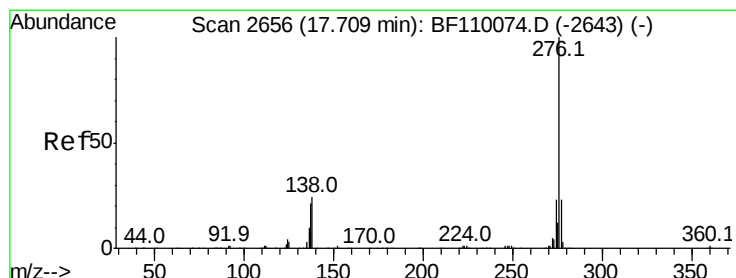
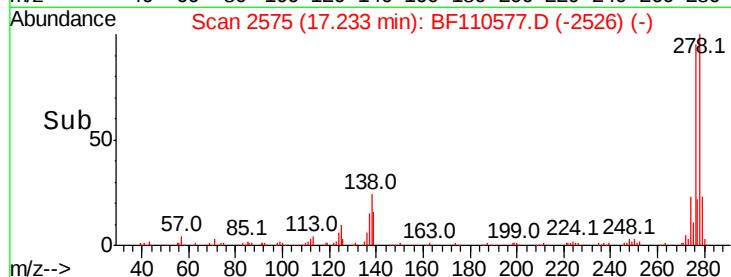
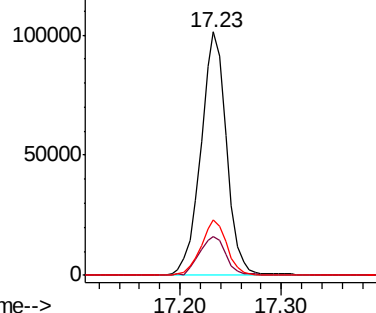
#91
Dibenzo(a,h)anthracene
Concen: 24.295 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	22.9	19.0	28.4

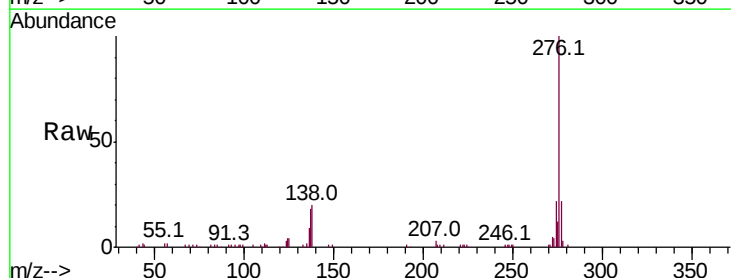


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 24.255 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110577.D
Acq: 8 Nov 2018 11:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.8	28.2
138	20.1	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

