

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110657.D
 Acq On : 10 Nov 2018 5:20
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 10 05:46:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	93702	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	379570	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	160541	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	244652	20.00	ng	0.00
76) Chrysene-d12	14.13	240	185666	20.00	ng	0.00
87) Perylene-d12	15.66	264	141760	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	474568	82.27	ng	0.00
7) Phenol-d6	6.58	99	591811	80.23	ng	0.00
23) Nitrobenzene-d5	7.52	82	545886	82.82	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	111473	68.91	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	956768	85.11	ng	0.00
79) Terphenyl-d14	13.06	244	720882	72.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	117592	40.912	ng	91
3) Pyridine	3.55	79	256715	41.378	ng	# 85
4) n-Nitrosodimethylamine	3.52	42	114669	43.075	ng	92
6) Aniline	6.62	93	378260	39.320	ng	# 53
8) 2-Chlorophenol	6.73	128	271367	40.128	ng	99
9) Benzaldehyde	6.50	77	173051	45.183	ng	96
10) Phenol	6.59	94	342624	40.056	ng	# 65
11) bis(2-Chloroethyl)ether	6.68	93	256007	39.936	ng	95
12) 1,3-Dichlorobenzene	6.89	146	291842	39.442	ng	99
13) 1,4-Dichlorobenzene	6.96	146	300042	39.932	ng	97
14) 1,2-Dichlorobenzene	7.12	146	276276	39.526	ng	98
15) Benzyl Alcohol	7.09	79	229985	39.839	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.22	45	398292	39.564	ng	70
17) 2-Methylphenol	7.20	107	216915	40.303	ng	# 82
18) Hexachloroethane	7.46	117	95280	34.349	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	189574	40.259	ng	98
20) 3+4-Methylphenols	7.35	107	278876	40.365	ng	95
22) Acetophenone	7.36	105	362279	40.953	ng	# 99
24) Nitrobenzene	7.53	77	280926	41.601	ng	97
25) Isophorone	7.77	82	445958	41.282	ng	97
26) 2-Nitrophenol	7.85	139	132427	39.309	ng	98
27) 2,4-Dimethylphenol	7.87	122	213480	41.609	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	306816	41.948	ng	99
29) 2,4-Dichlorophenol	8.09	162	216117	40.938	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	237720	39.938	ng	95
31) Naphthalene	8.25	128	710176	39.856	ng	99
32) Benzoic acid	8.00	122	89112	24.548	ng	93
33) 4-Chloroaniline	8.30	127	314348	38.947	ng	99
34) Hexachlorobutadiene	8.36	225	137460	40.432	ng	98
35) Caprolactam	8.69	113	69790	39.569	ng	90
36) 4-Chloro-3-methylphenol	8.78	107	225634	39.630	ng	97
37) 2-Methylnaphthalene	8.94	142	457296	39.149	ng	100
38) 1-Methylnaphthalene	9.05	142	435328	38.752	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	215613	42.429	ng	99

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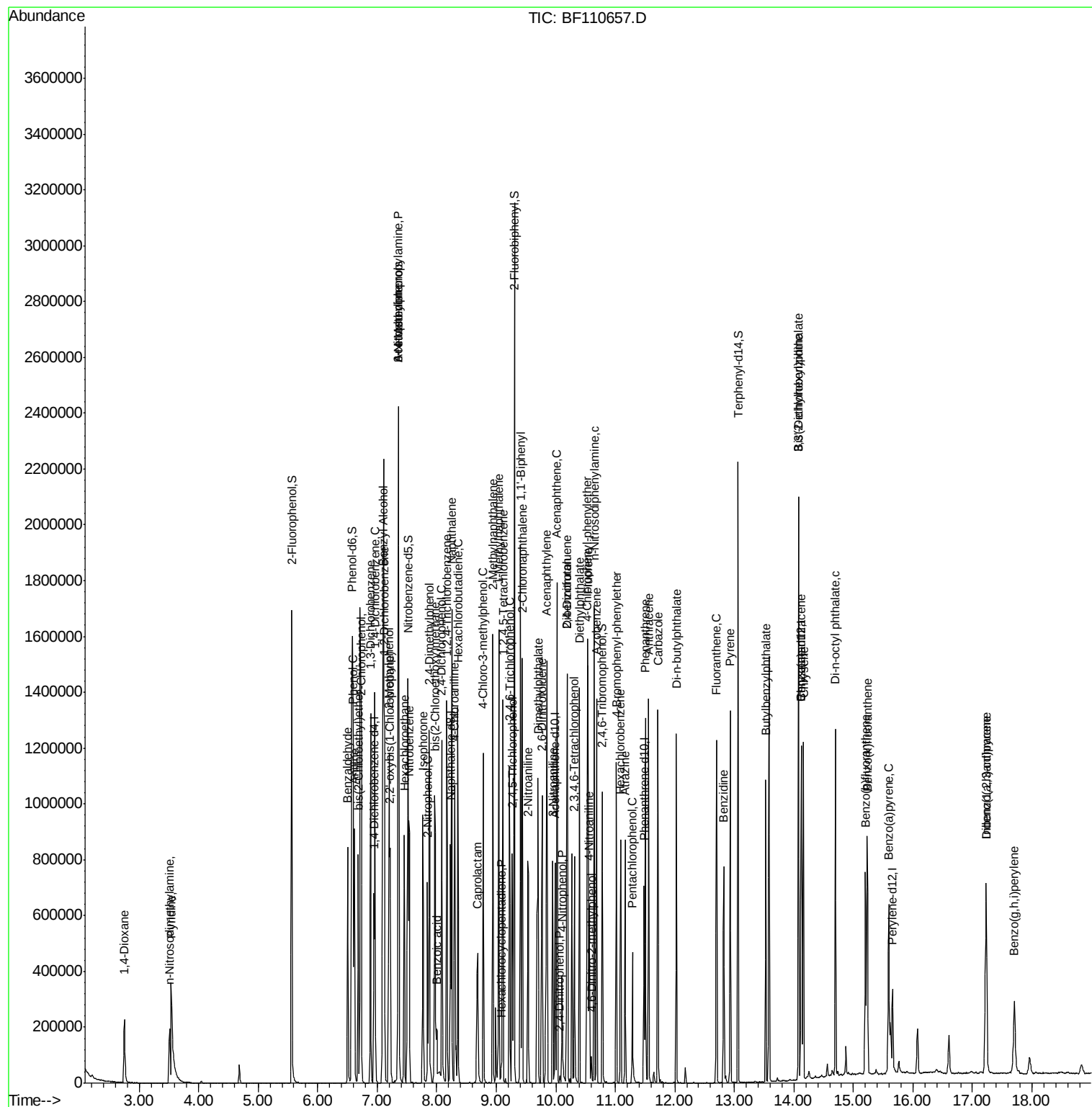
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	8820	11.651	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	135713	42.498	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	139054	40.822	ng	95
46) 1,1'-Biphenyl	9.41	154	637474	42.566	ng	99
47) 2-Chloronaphthalene	9.44	162	447261	41.454	ng	98
48) 2-Nitroaniline	9.53	65	143062	43.028	ng	97
49) Acenaphthylene	9.85	152	619257	39.854	ng	98
50) Dimethylphthalate	9.70	163	518960	43.322	ng	99
51) 2,6-Dinitrotoluene	9.77	165	107549	40.813	ng	96
52) Acenaphthene	10.02	154	390351	39.752	ng	98
53) 3-Nitroaniline	9.95	138	127692	41.825	ng	89
54) 2,4-Dinitrophenol	10.07	184	5239	9.399	ng	84
55) Dibenzofuran	10.20	168	556604	38.743	ng	95
56) 4-Nitrophenol	10.10	139	71161	35.134	ng	94
57) 2,4-Dinitrotoluene	10.19	165	126958	37.054	ng	89
58) Fluorene	10.54	166	406131	36.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	97709	36.463	ng	93
60) Diethylphthalate	10.40	149	493695	41.658	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	223436	39.106	ng	96
62) 4-Nitroaniline	10.56	138	118321	38.487	ng	94
63) Azobenzene	10.69	77	431616	37.329	ng	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	12039	9.764	ng	94
66) n-Nitrosodiphenylamine	10.65	169	386353	46.851	ng	97
67) 4-Bromophenyl-phenylether	11.02	248	121484	44.929	ng	# 91
68) Hexachlorobenzene	11.09	284	120700	42.340	ng	98
69) Atrazine	11.17	200	96622	38.320	ng	99
70) Pentachlorophenol	11.29	266	56472	37.125	ng	95
71) Phenanthrene	11.51	178	525784	40.114	ng	99
72) Anthracene	11.56	178	531146	40.171	ng	99
73) Carbazole	11.72	167	502325	39.559	ng	99
74) Di-n-butylphthalate	12.03	149	657450	44.152	ng	98
75) Fluoranthene	12.70	202	501593	38.171	ng	99
77) Benzidine	12.82	184	302859	59.316	ng	98
78) Pyrene	12.93	202	518433	36.265	ng	98
80) Butylbenzylphthalate	13.53	149	246090	39.995	ng	97
81) Benzo(a)anthracene	14.12	228	443941	40.004	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	173022	46.542	ng	99
83) Chrysene	14.16	228	421047	39.824	ng	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	327809	42.946	ng	98
85) Di-n-octyl phthalate	14.70	149	566615	50.480	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	290681	38.314	ng	97
88) Benzo(b)fluoranthene	15.20	252	331998	39.148	ng	100
89) Benzo(k)fluoranthene	15.23	252	346648	41.367	ng	98
90) Benzo(a)pyrene	15.59	252	301506	39.130	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	245215	37.607	ng	100
92) Benzo(g,h,i)perylene	17.70	276	237155	36.657	ng	96

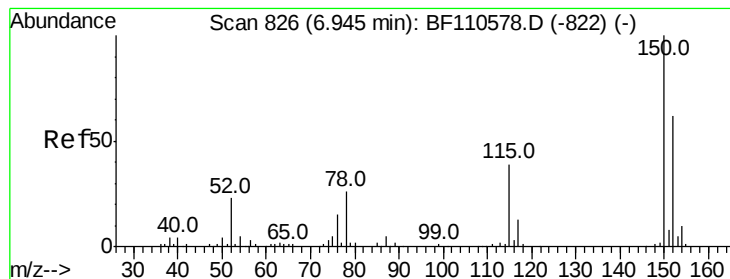
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

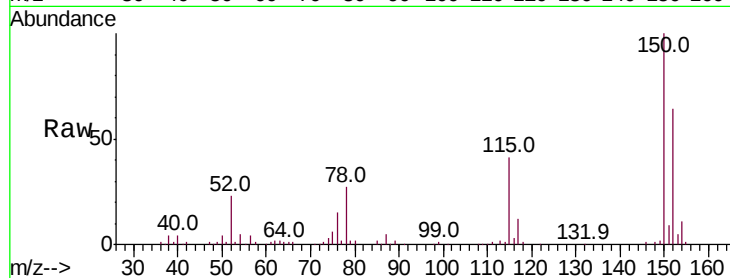
Tot Ion:152 Resp: 93702

Ion Ratio Lower Upper

152 100

150 155.5 122.7 184.1

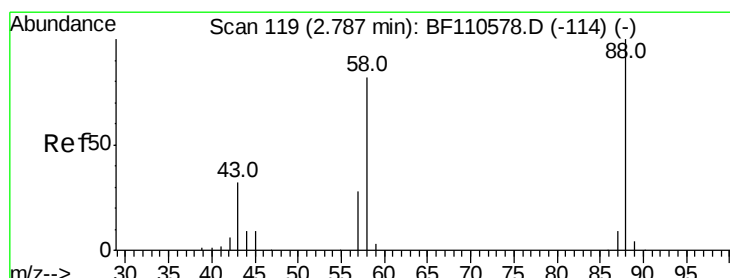
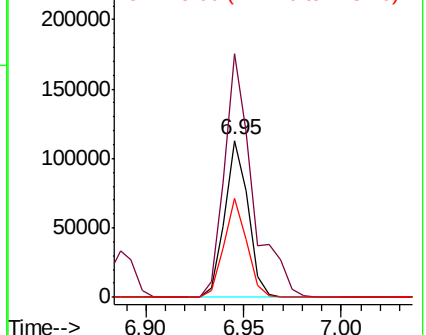
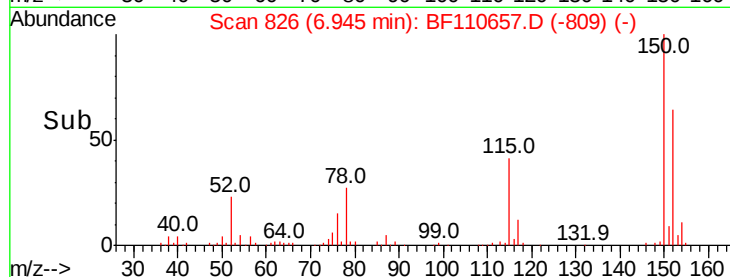
115 63.5 49.1 73.7



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: 40.912 ng

RT: 2.75 min Scan# 113

Delta R.T. -0.04 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

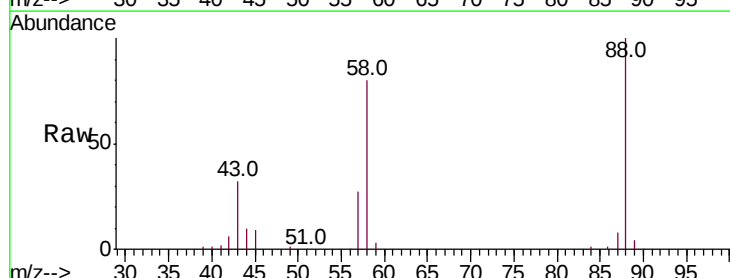
Tgt Ion: 88 Resp: 117592

Ion Ratio Lower Upper

88 100

58 80.3 57.1 85.7

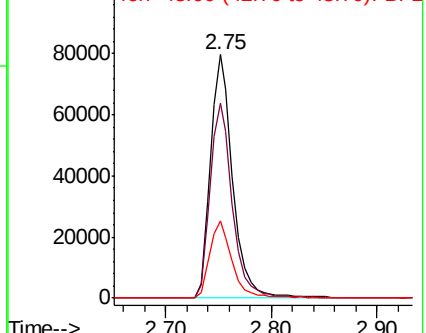
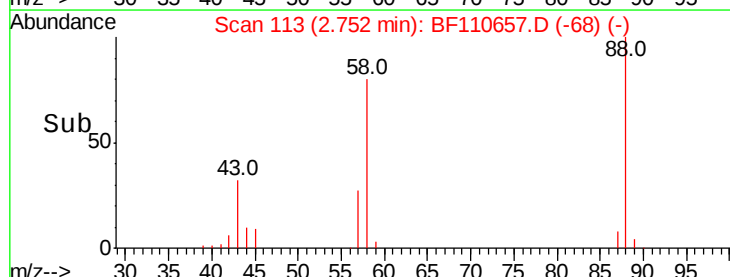
43 32.2 24.1 36.1

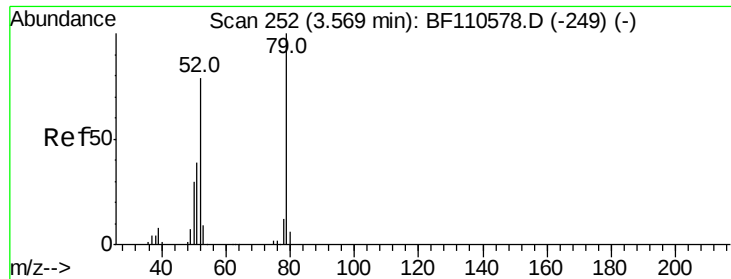


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.378 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.02 min

Lab File: BF110657.D

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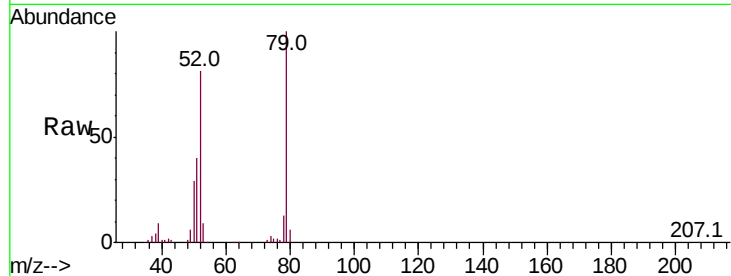
Tot Ion: 79 Resp: 256715

Ion Ratio Lower Upper

79 100

52 80.9 53.1 79.7#

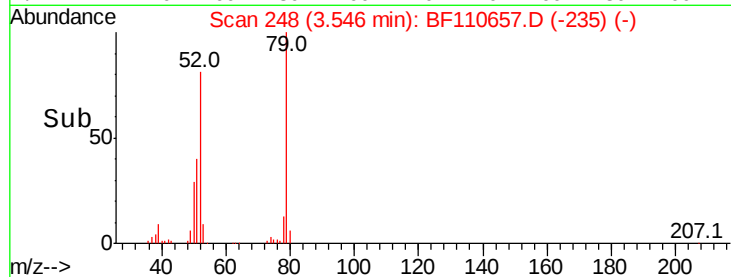
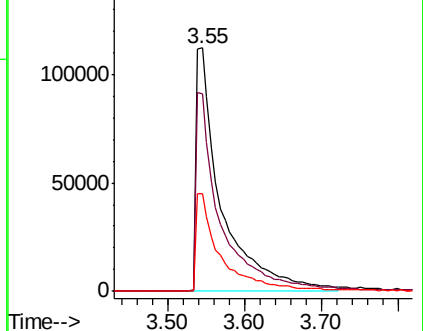
51 39.9 27.4 41.2



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: 43.075 ng

RT: 3.52 min Scan# 243

Delta R.T. -0.02 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

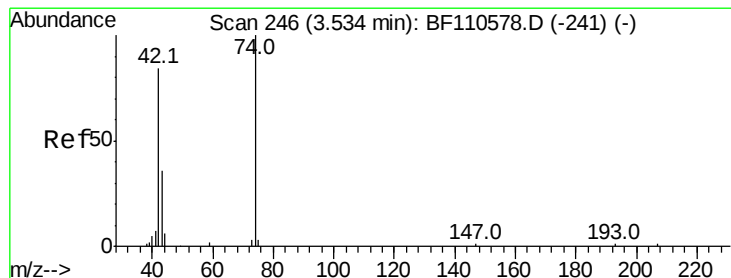
Tgt Ion: 42 Resp: 114669

Ion Ratio Lower Upper

42 100

74 122.7 105.5 158.3

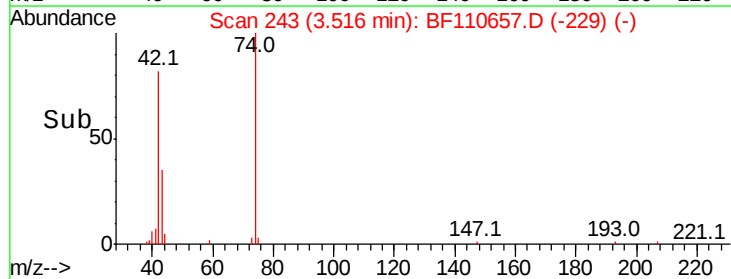
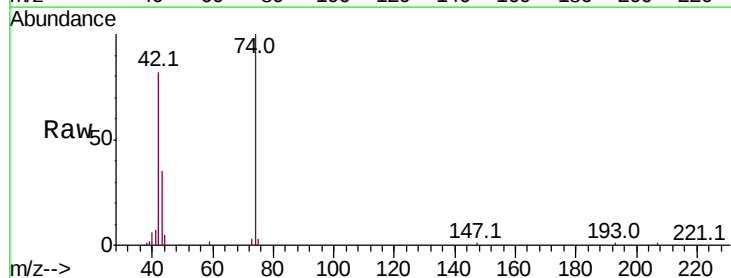
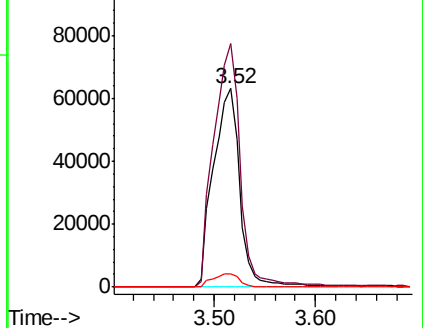
44 6.6 4.9 7.3

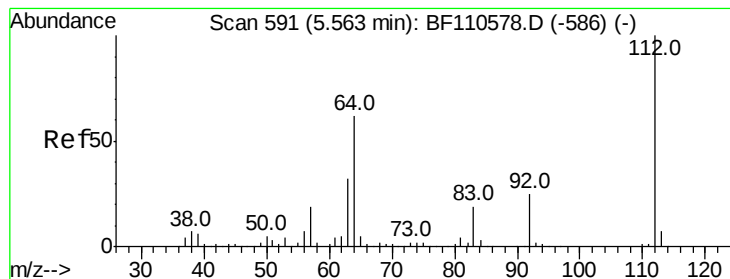


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.266 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

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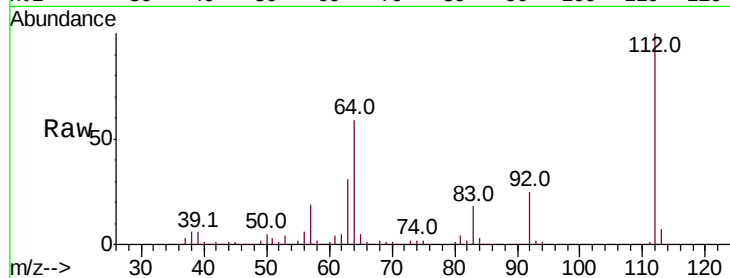
Tot Ion:112 Resp: 474568

Ion Ratio Lower Upper

112 100

64 59.1 44.1 66.1

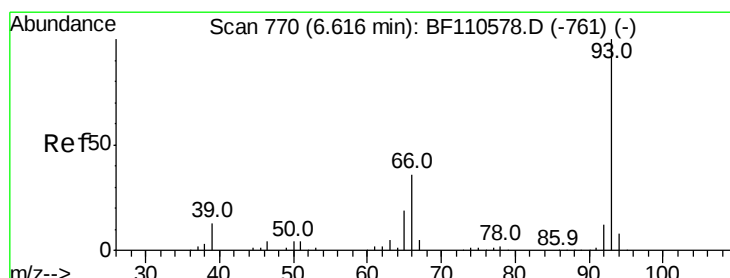
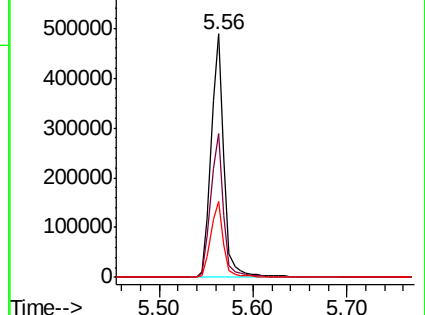
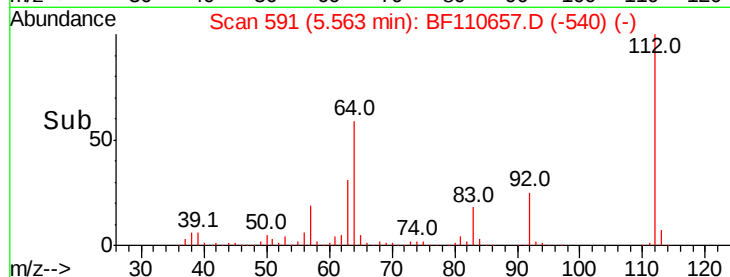
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.320 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

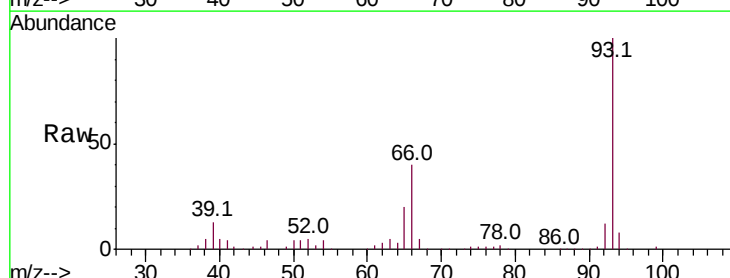
Tgt Ion: 93 Resp: 378260

Ion Ratio Lower Upper

93 100

66 39.5 67.4 101.0#

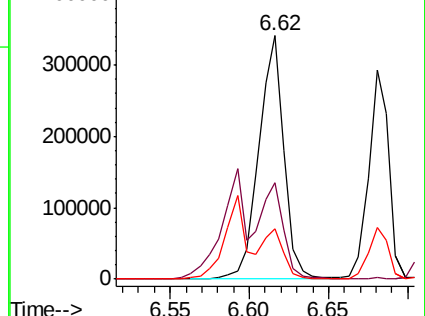
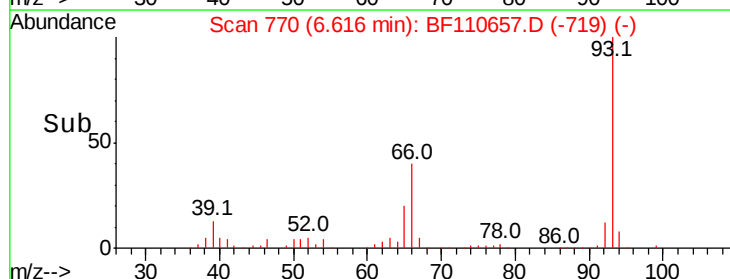
65 20.5 41.0 61.4#

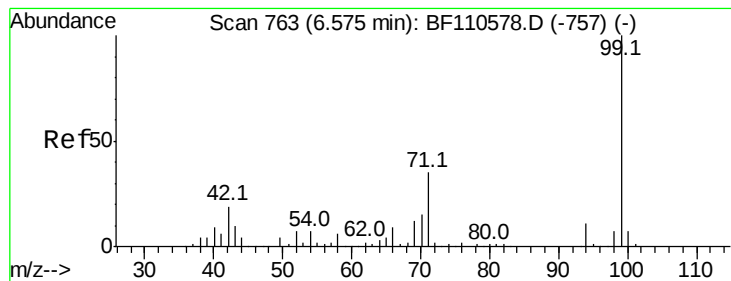


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.226 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

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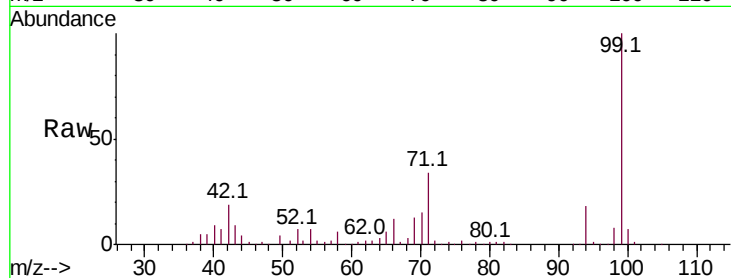
Tot Ion: 99 Resp: 591811

Ion Ratio Lower Upper

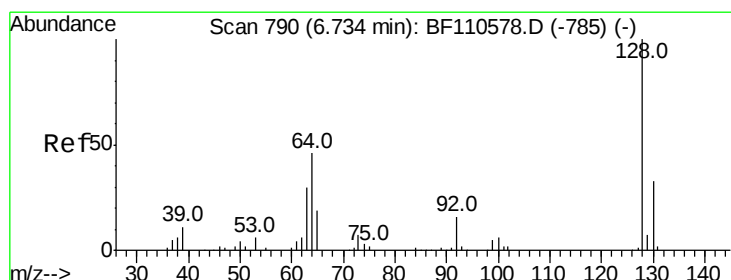
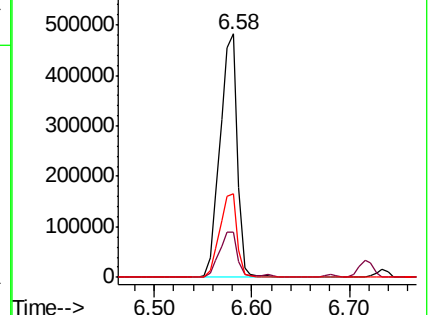
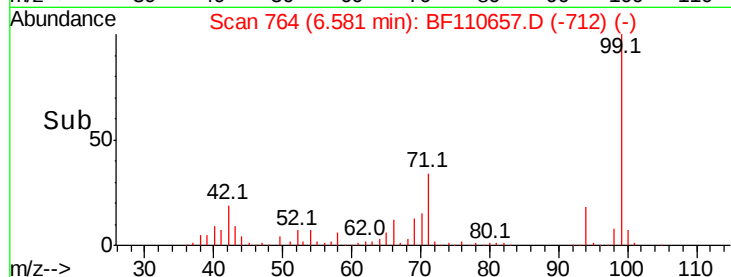
99 100

42 18.7 15.8 23.6

71 34.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.128 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

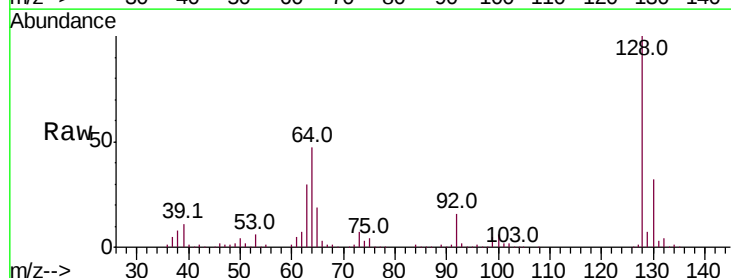
Tgt Ion: 128 Resp: 271367

Ion Ratio Lower Upper

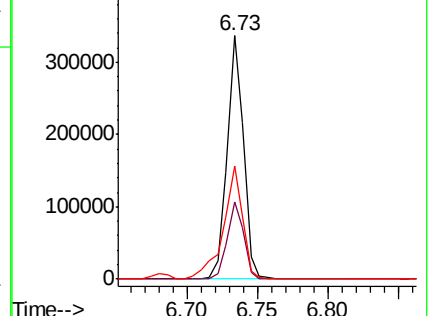
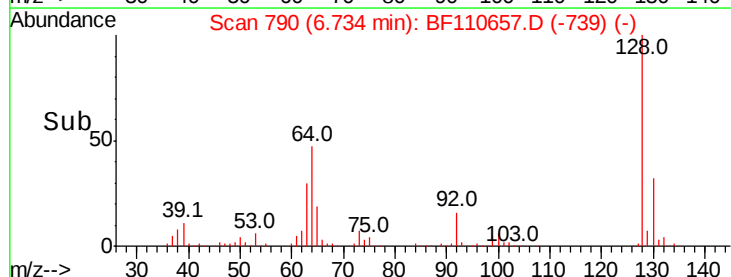
128 100

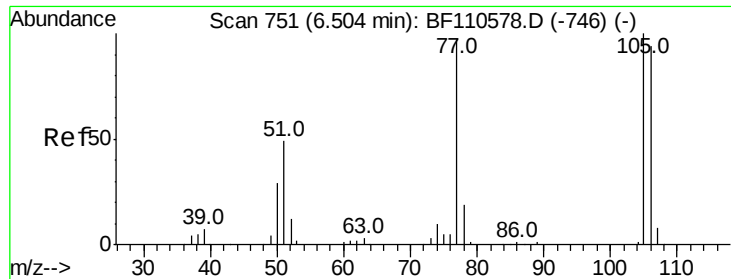
130 31.9 13.1 53.1

64 46.5 26.0 66.0



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

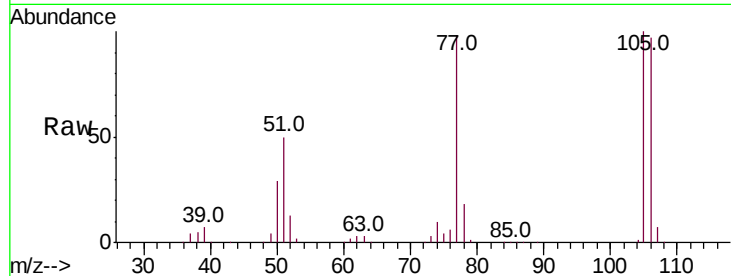




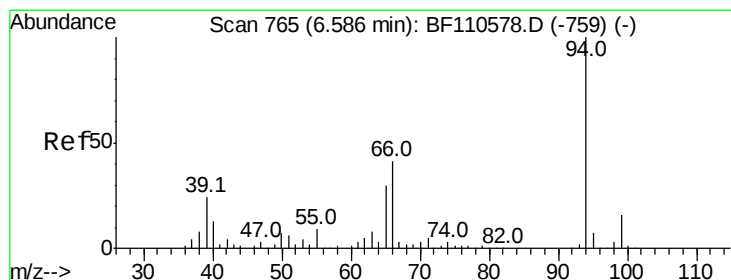
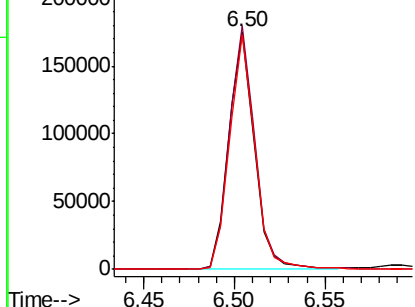
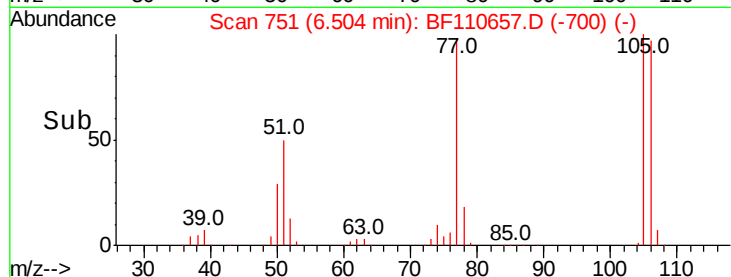
#9
Benzaldehyde
Concen: 45.183 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF110657.D
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ClientSampleId :
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Tot Ion: 77 Resp: 173051
Ion Ratio Lower Upper
77 100
105 102.6 78.6 118.6
106 99.1 74.8 114.8

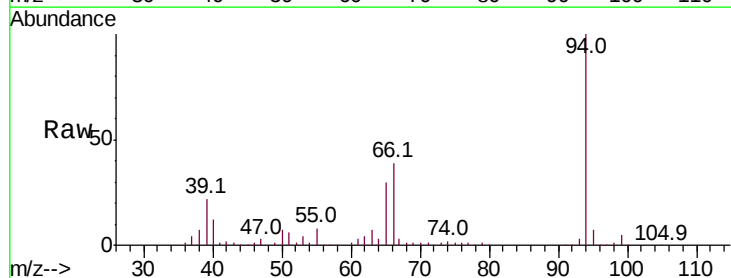


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

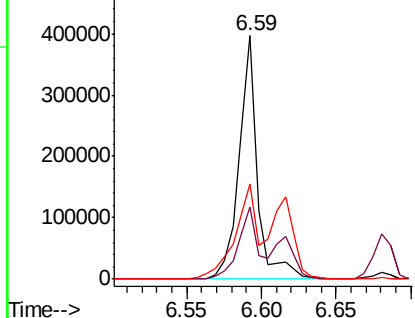
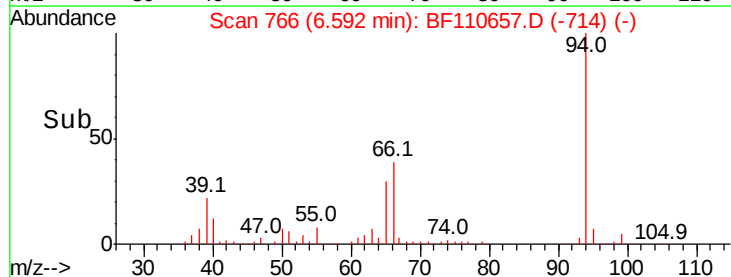


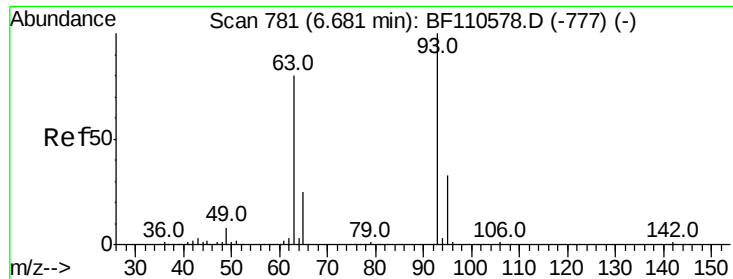
#10
Phenol
Concen: 40.056 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion: 94 Resp: 342624
Ion Ratio Lower Upper
94 100
65 29.7 25.3 65.3
66 39.2 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

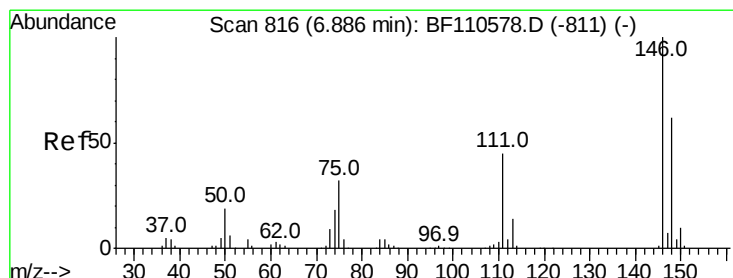
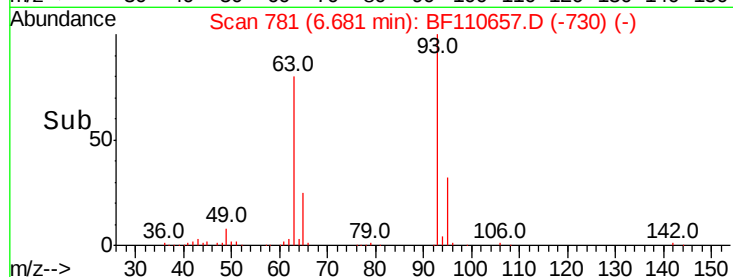
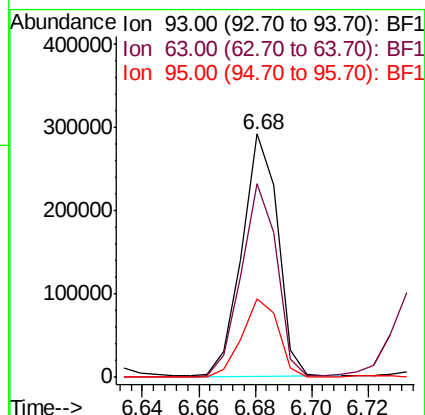
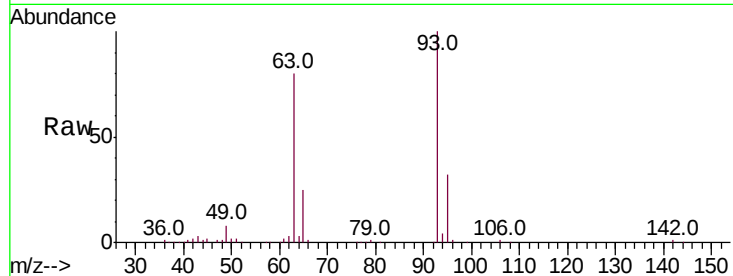




#11
bis(2-Chloroethyl)ether
Concen: 39.936 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

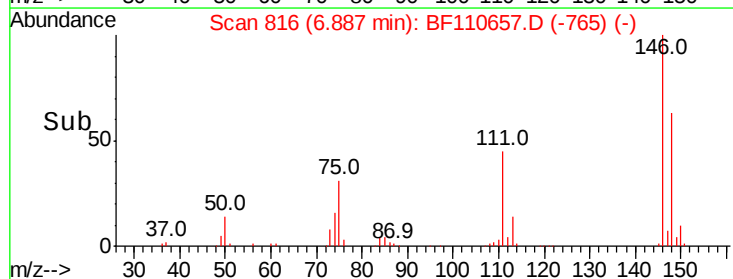
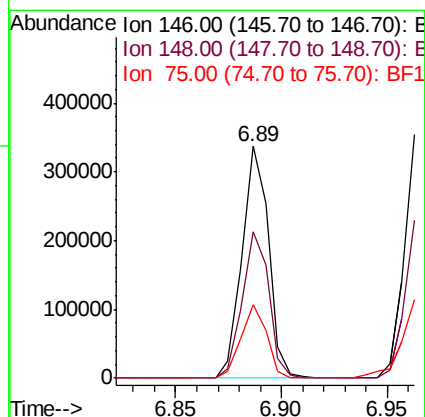
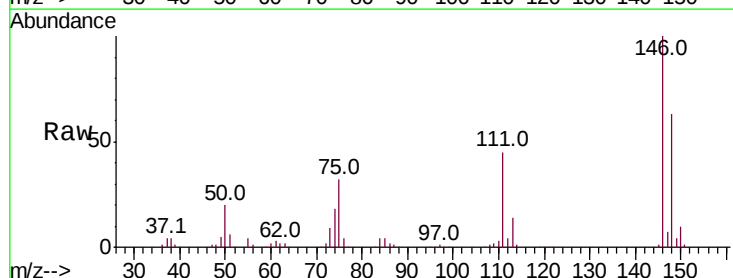
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

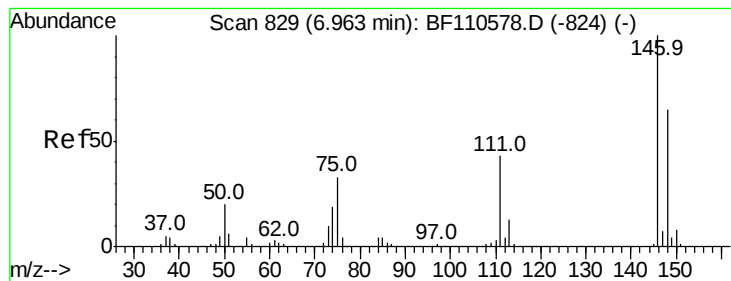
Tot Ion: 93 Resp: 256007
Ion Ratio Lower Upper
93 100
63 79.6 53.4 93.4
95 32.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.442 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion: 146 Resp: 291842
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
75 31.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.932 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

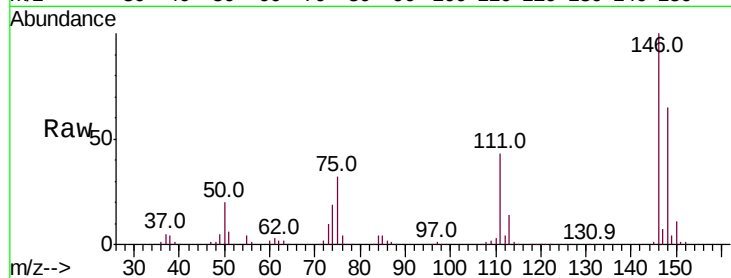
Tot Ion:146 Resp: 300042

Ion Ratio Lower Upper

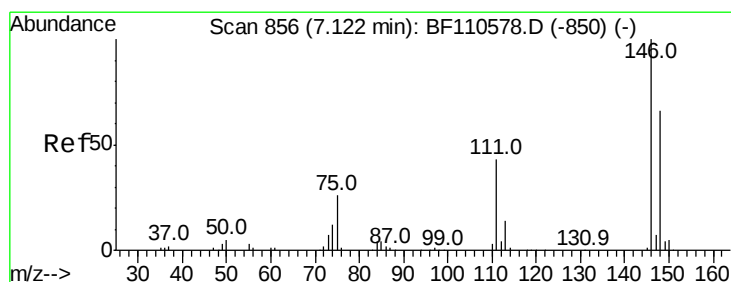
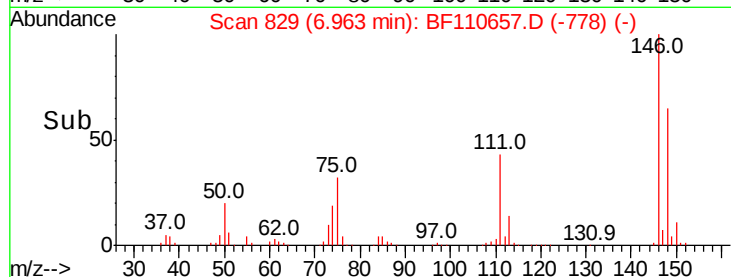
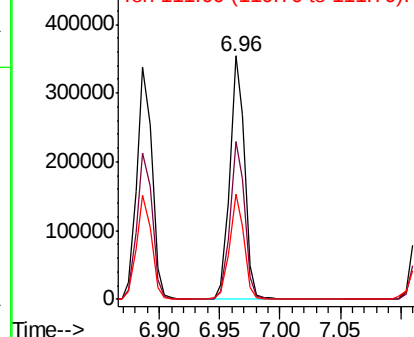
146 100

148 64.6 50.3 75.5

111 43.4 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.526 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

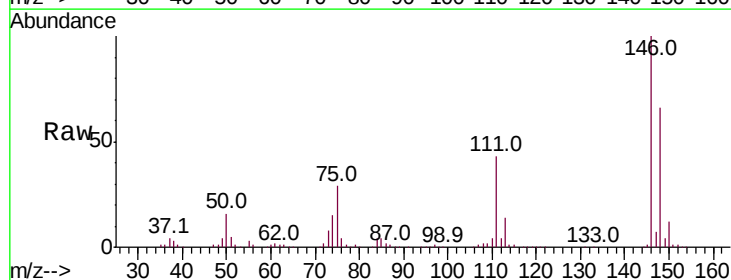
Tgt Ion:146 Resp: 276276

Ion Ratio Lower Upper

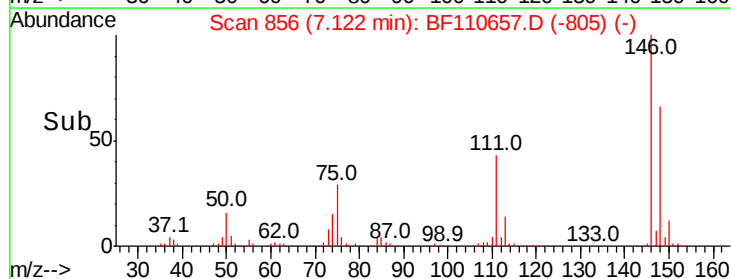
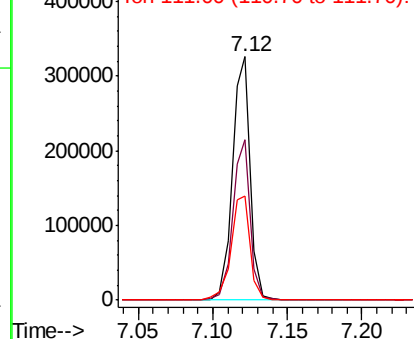
146 100

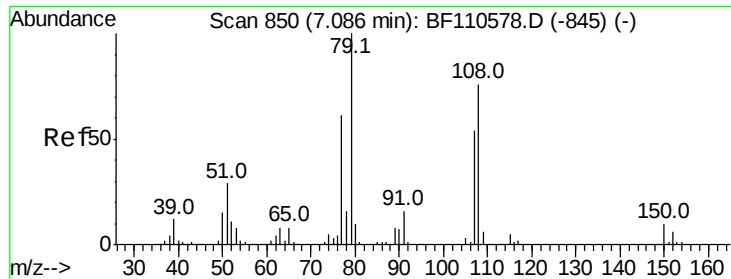
148 65.7 51.1 76.7

111 42.9 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.839 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

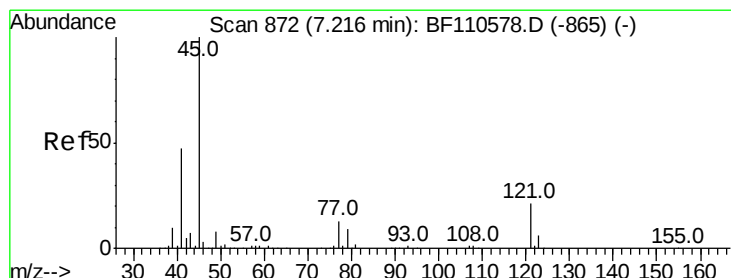
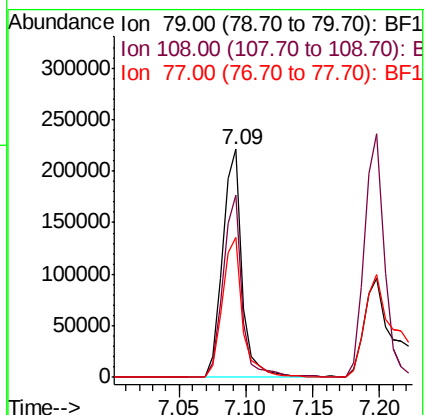
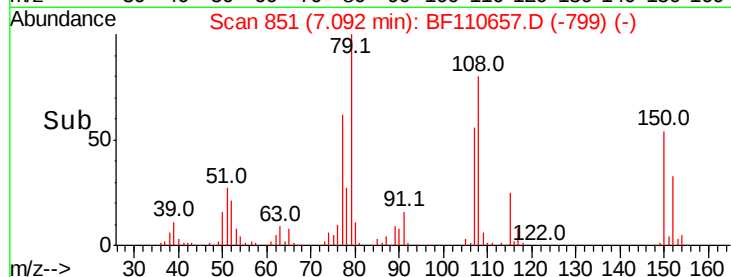
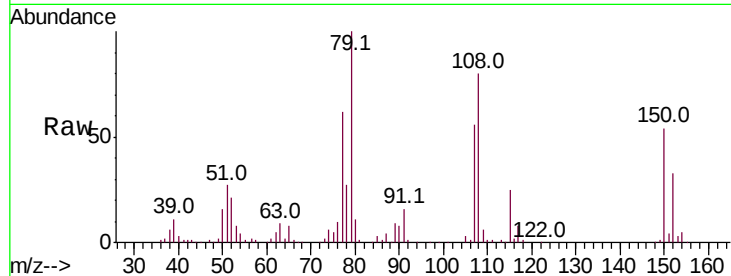
Tot Ion: 79 Resp: 229985

Ion Ratio Lower Upper

79 100

108 80.0 56.3 84.5

77 61.6 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.564 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

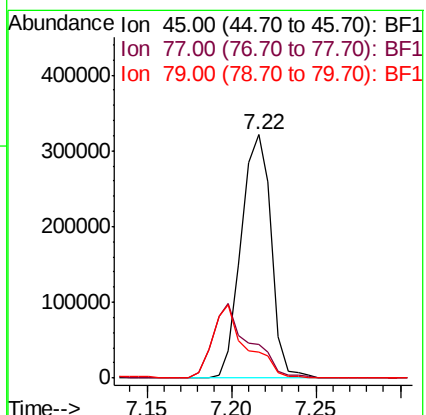
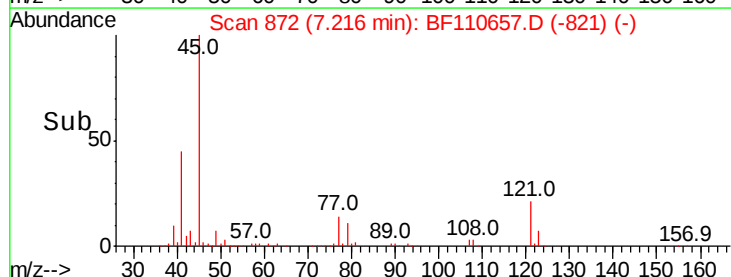
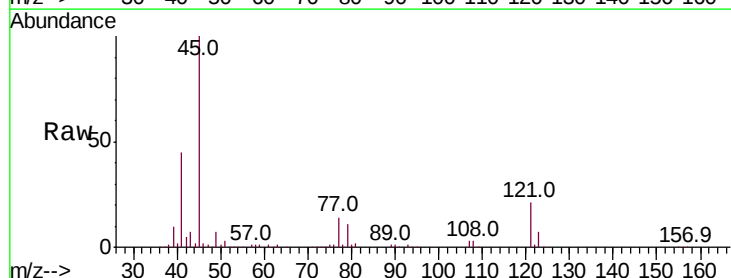
Tgt Ion: 45 Resp: 398292

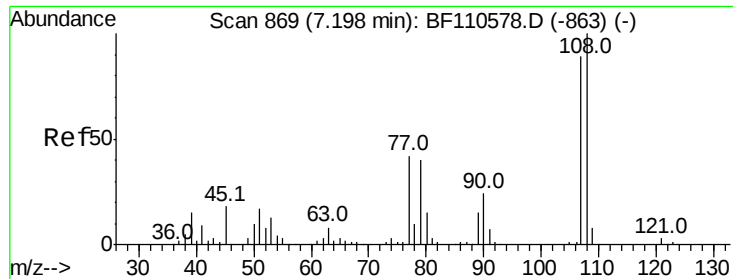
Ion Ratio Lower Upper

45 100

77 14.0 10.0 50.0

79 10.9 6.1 46.1





#17

2-Methylphenol

Concen: 40.303 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 216915

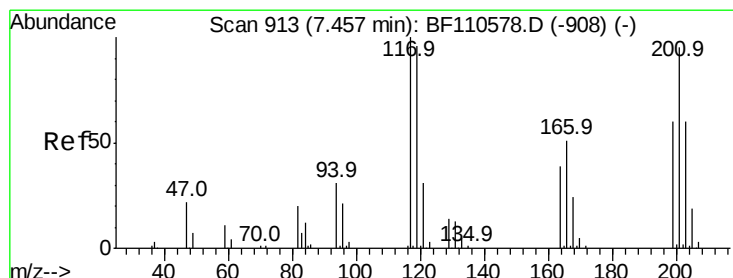
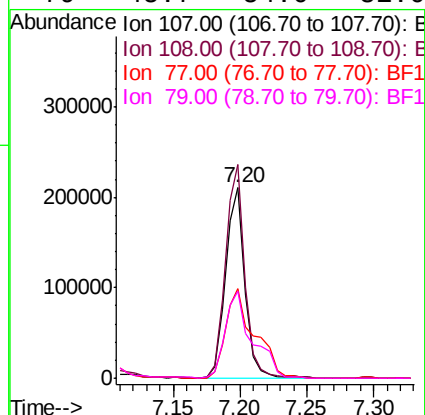
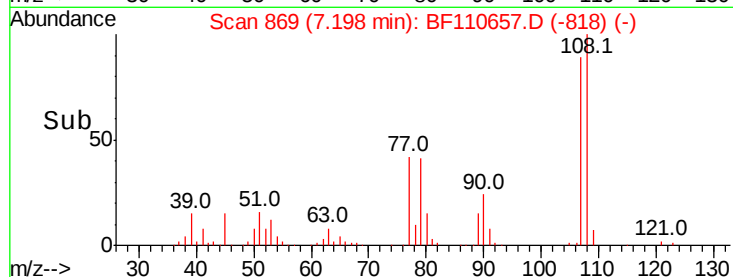
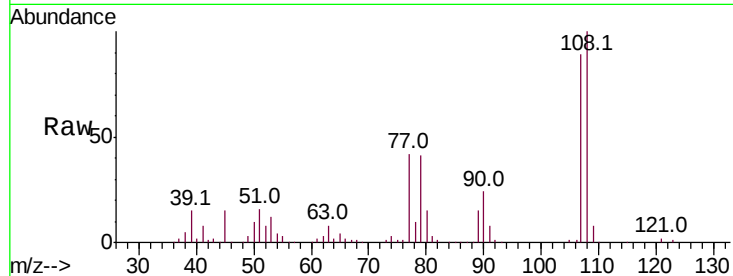
Ion Ratio Lower Upper

107 100

108 112.1 92.6 138.8

77 47.1 59.4 89.2#

79 45.7 54.0 81.0#



#18

Hexachloroethane

Concen: 34.349 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

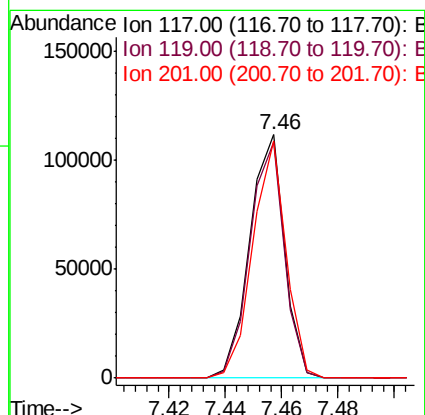
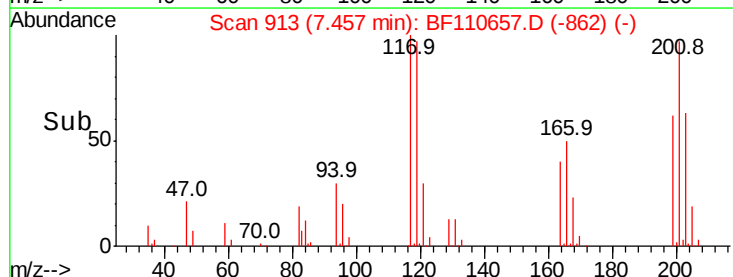
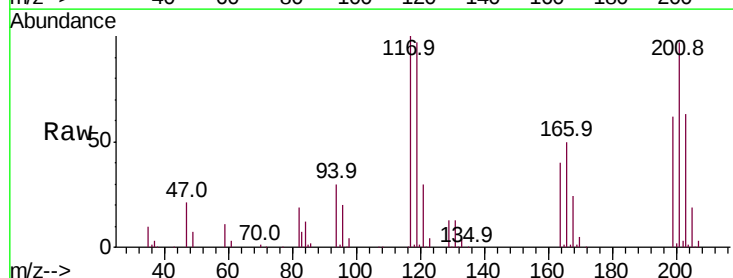
Tgt Ion:117 Resp: 95280

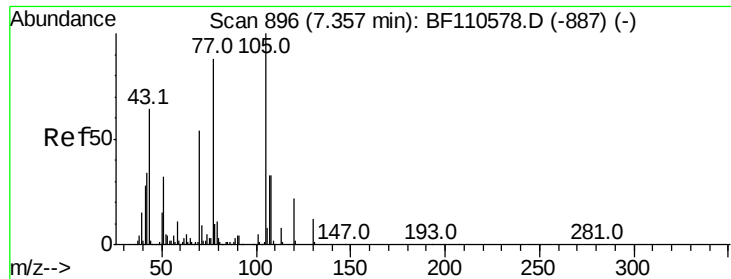
Ion Ratio Lower Upper

117 100

119 97.0 75.0 112.6

201 97.5 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.259 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 189574

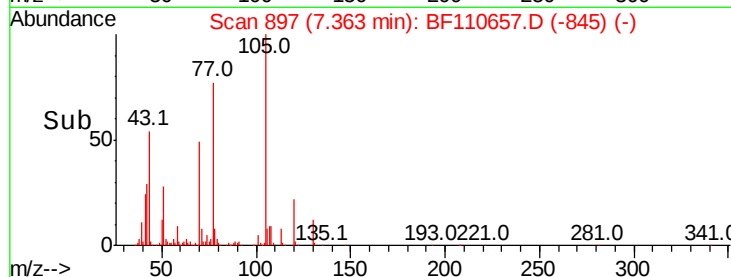
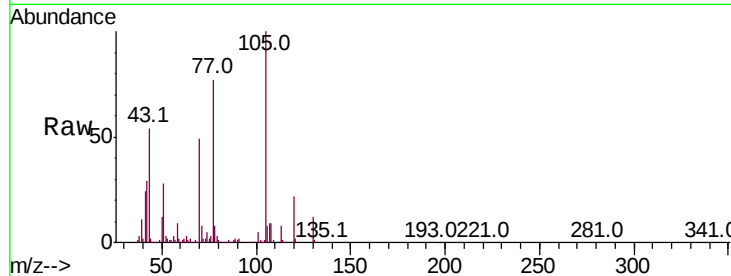
Ion Ratio Lower Upper

70 100

42 59.6 47.4 71.2

101 10.4 7.3 10.9

130 23.5 16.2 24.2

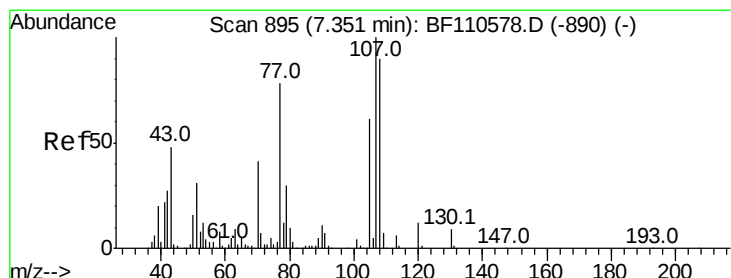
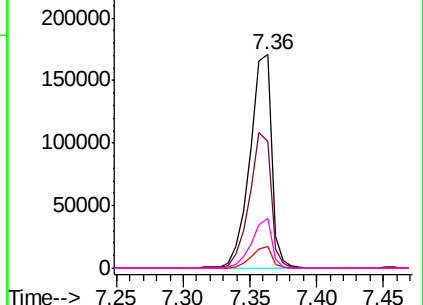


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.365 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Tgt Ion: 107 Resp: 278876

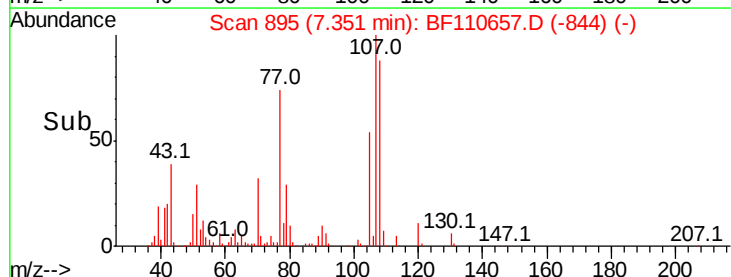
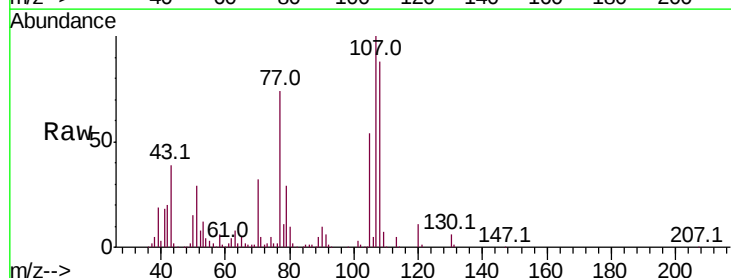
Ion Ratio Lower Upper

107 100

108 87.7 71.4 111.4

77 74.0 47.3 87.3

79 28.8 10.9 50.9

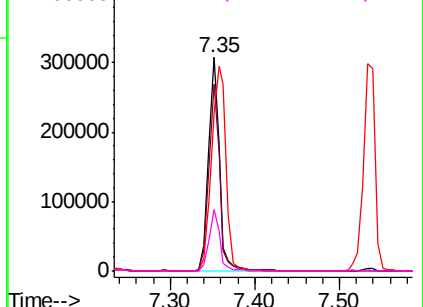


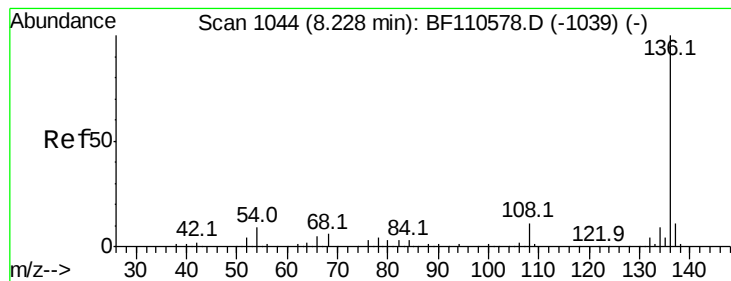
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 379570

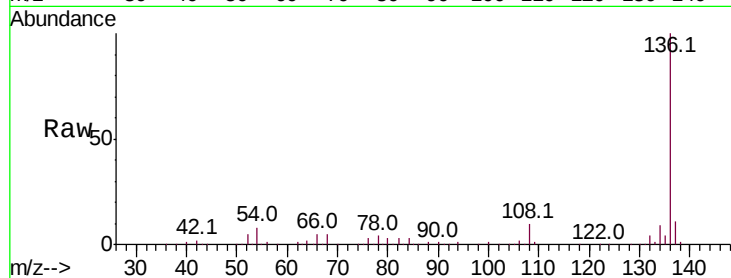
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.9 5.4 8.2

68 5.2 4.2 6.2

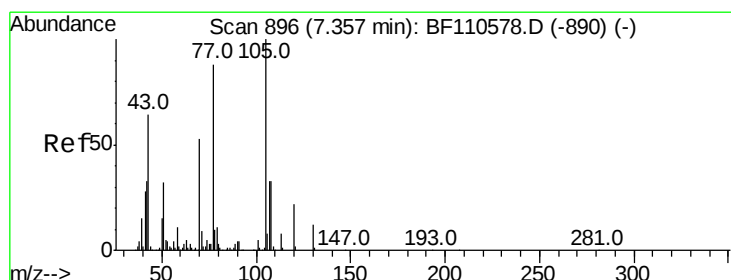
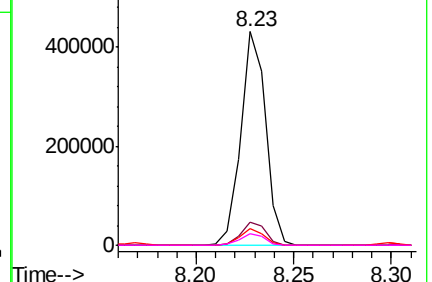
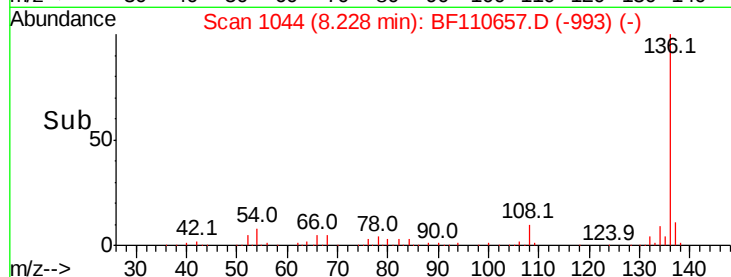


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.953 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Tgt Ion:105 Resp: 362279

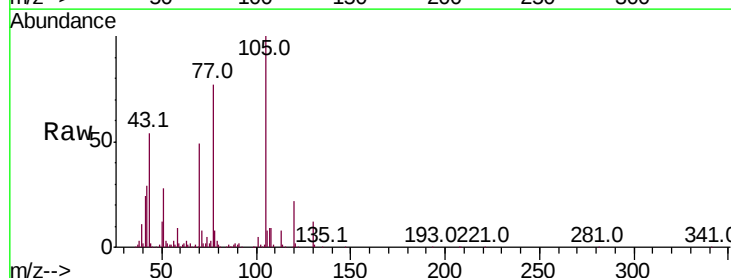
Ion Ratio Lower Upper

105 100

71 8.0 5.2 7.8#

51 27.5 21.8 32.8

120 22.0 17.0 25.4

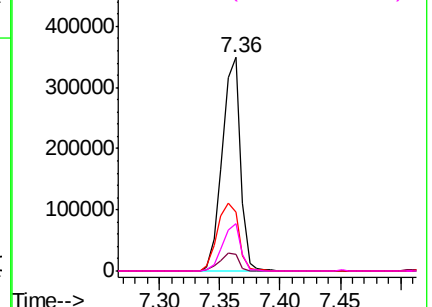
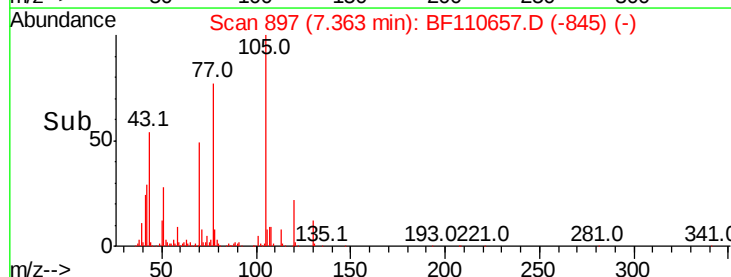


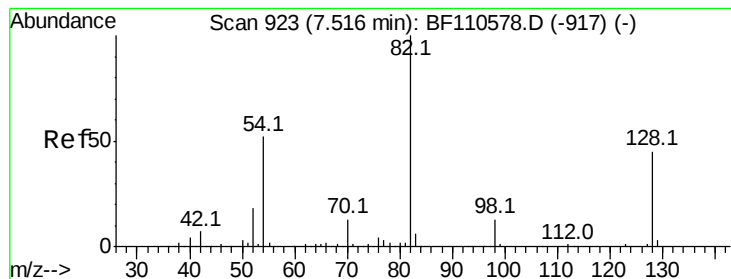
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.824 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

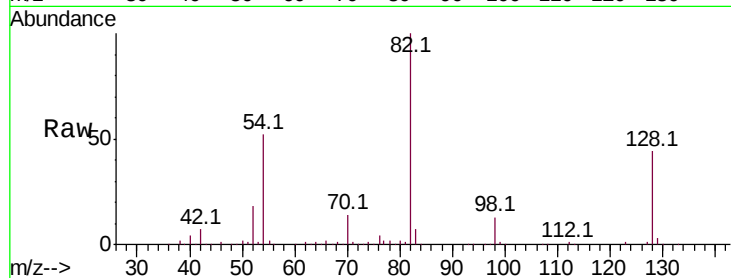
Tot Ion: 82 Resp: 545886

Ion Ratio Lower Upper

82 100

128 44.4 34.2 51.2

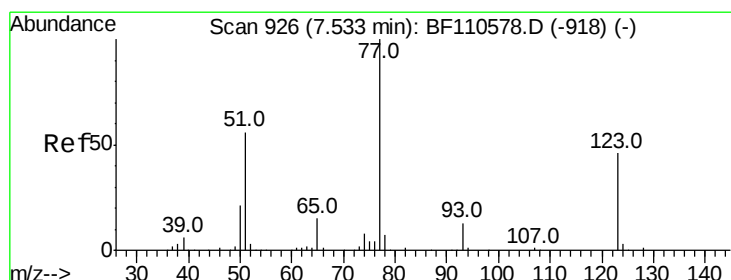
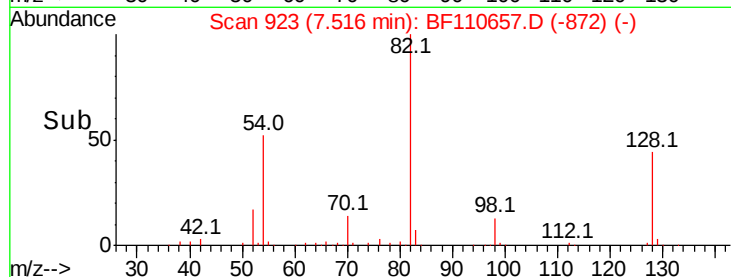
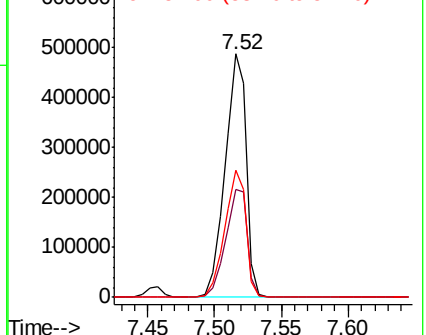
54 52.4 38.6 58.0



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: 41.601 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

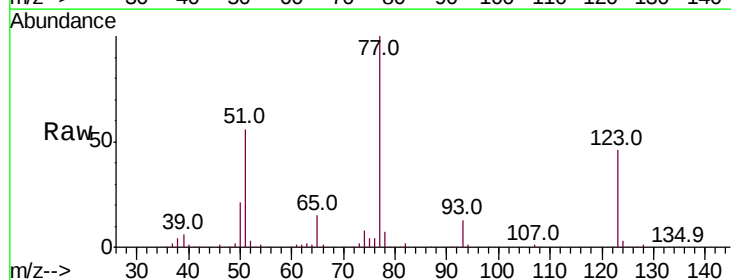
Tgt Ion: 77 Resp: 280926

Ion Ratio Lower Upper

77 100

123 46.3 35.7 53.5

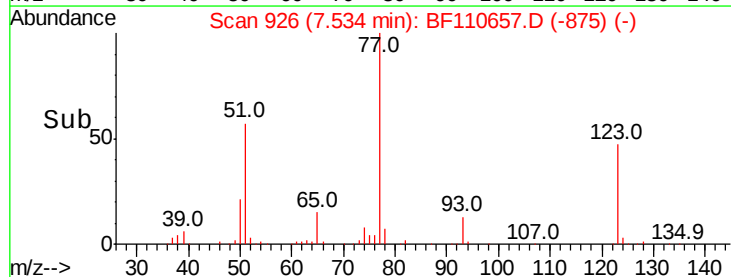
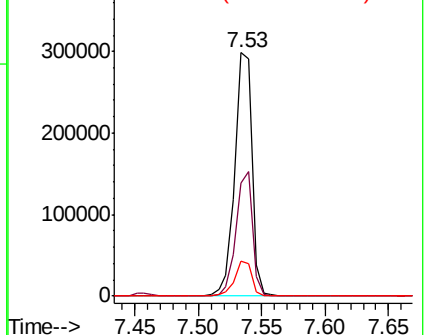
65 14.6 10.7 16.1

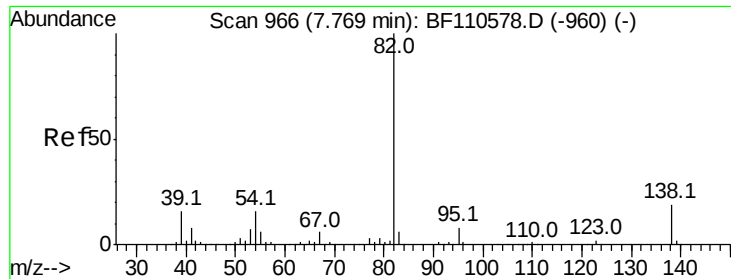


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.282 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

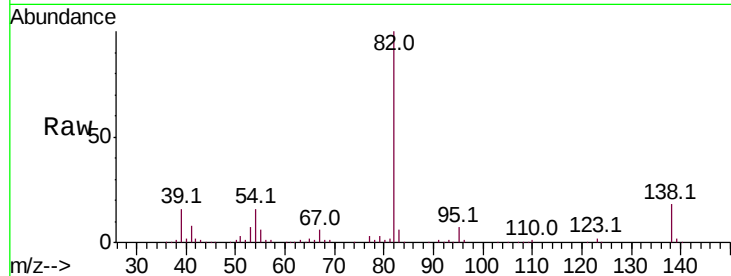
Tot Ion: 82 Resp: 445958

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

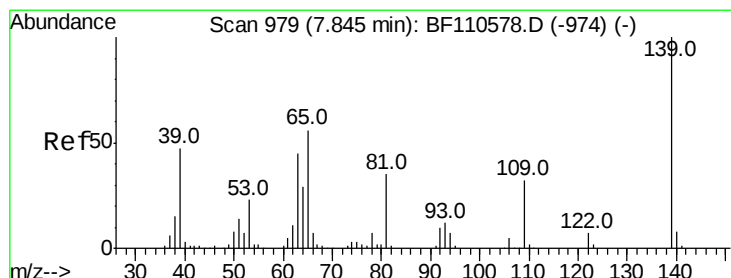
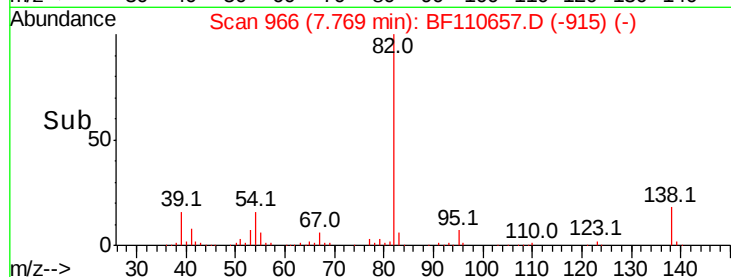
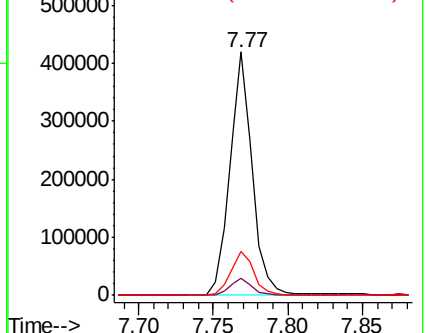
138 18.2 13.2 19.8



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: 39.309 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

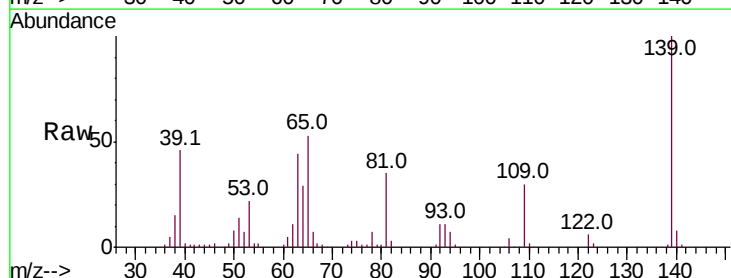
Tgt Ion: 139 Resp: 132427

Ion Ratio Lower Upper

139 100

109 30.2 25.0 37.6

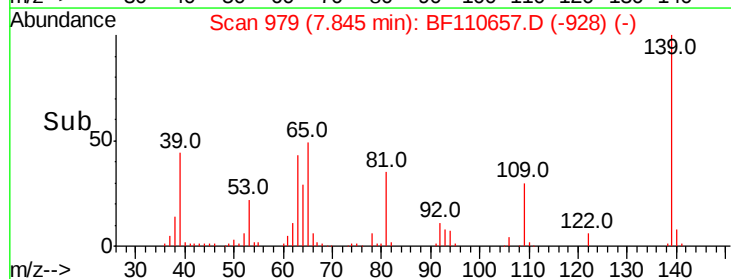
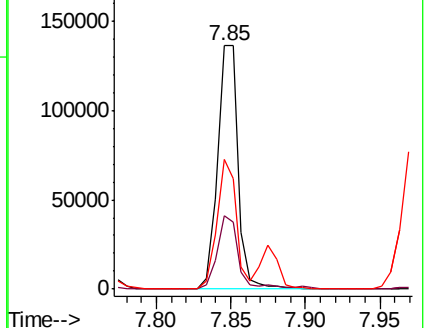
65 53.4 44.0 66.0

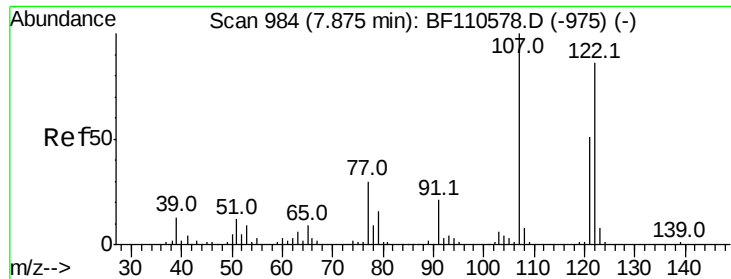


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

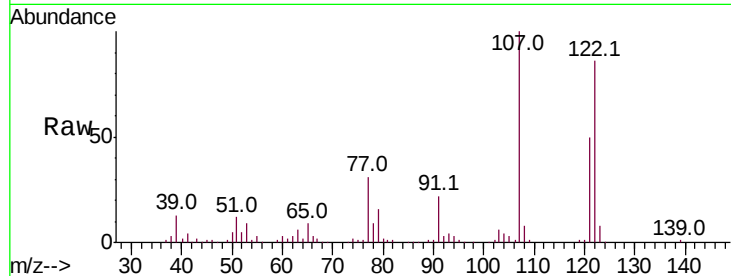




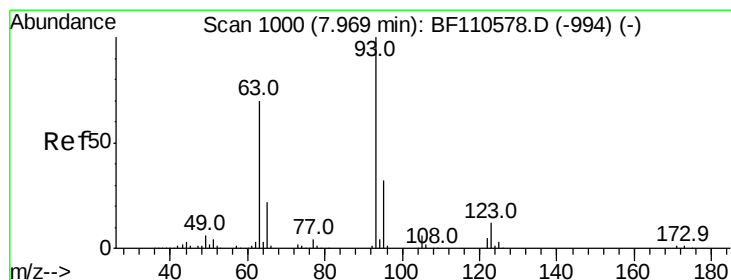
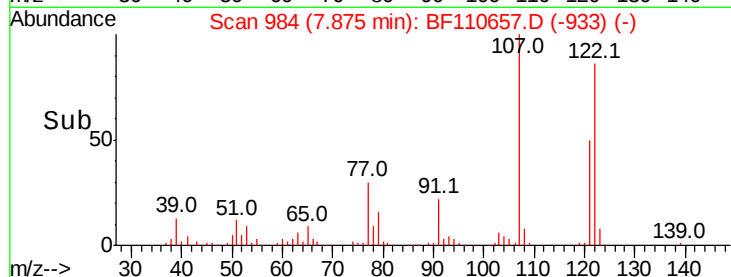
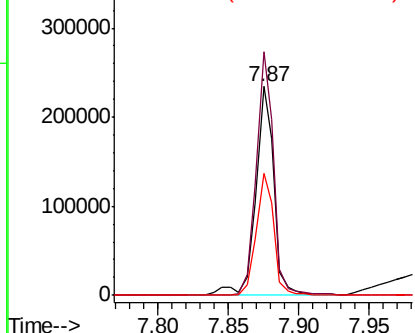
#27
 2,4-Dimethylphenol
 Concen: 41.609 ng
 RT: 7.87 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 213480
 Ion Ratio Lower Upper
 122 100
 107 116.7 92.5 138.7
 121 58.6 45.8 68.8

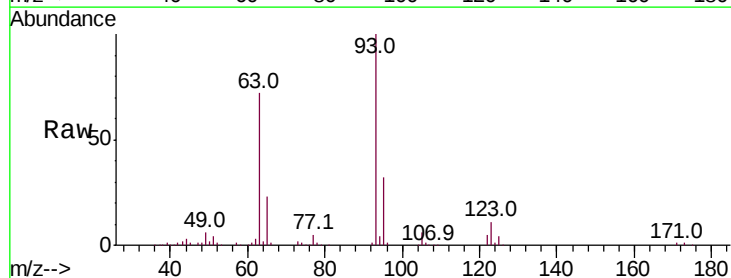


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

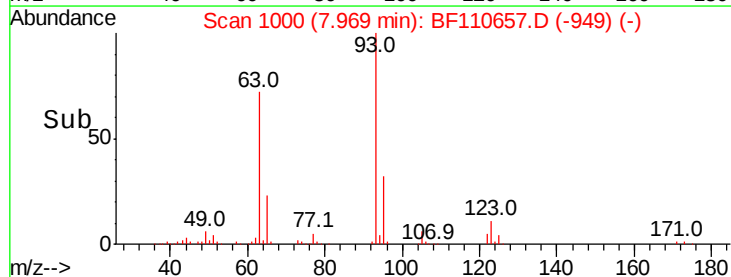
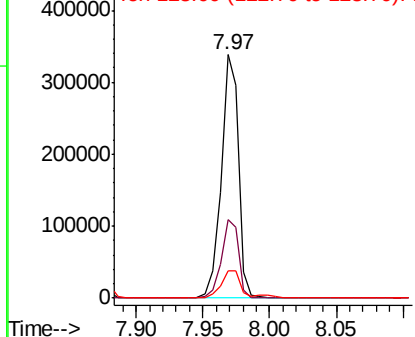


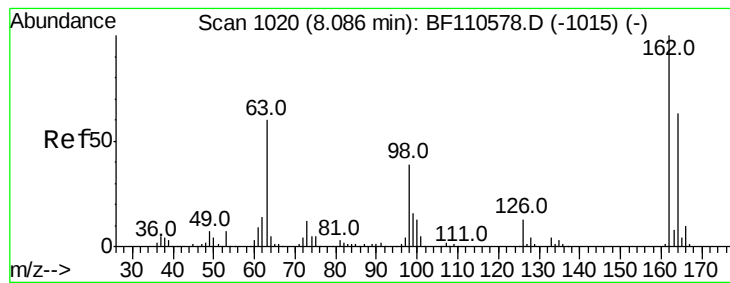
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.948 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

Tgt Ion: 93 Resp: 306816
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.4 39.6
 123 11.4 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.938 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

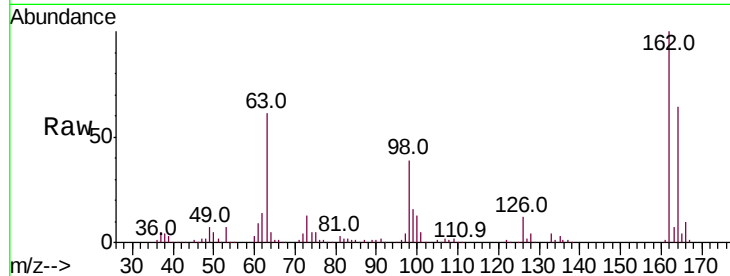
Tot Ion:162 Resp: 216117

Ion Ratio Lower Upper

162 100

164 63.6 44.6 84.6

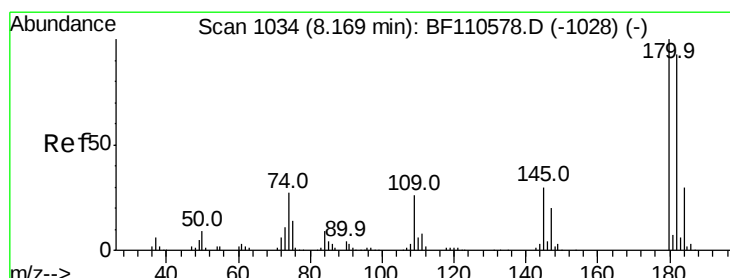
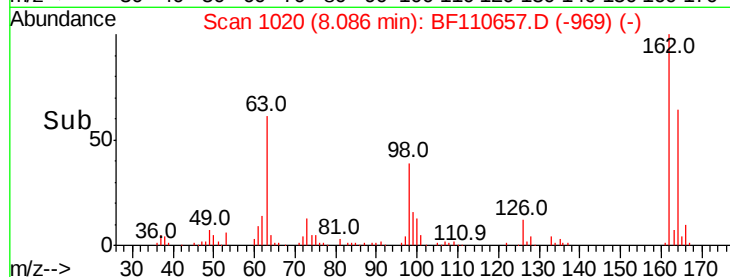
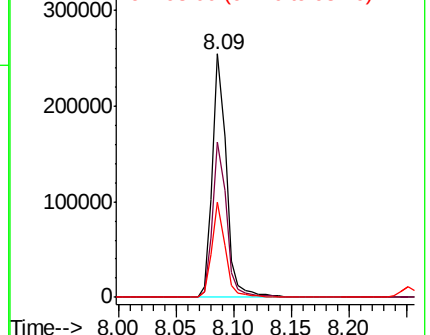
98 39.3 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.938 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

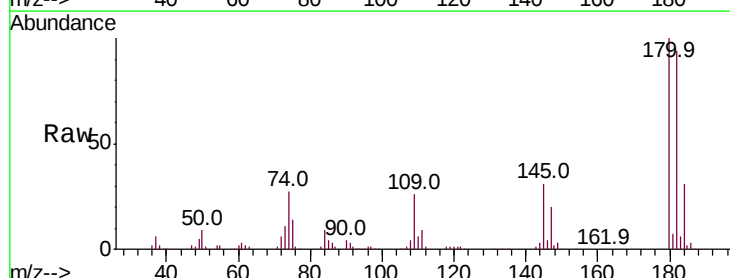
Tgt Ion:180 Resp: 237720

Ion Ratio Lower Upper

180 100

182 94.4 80.3 120.5

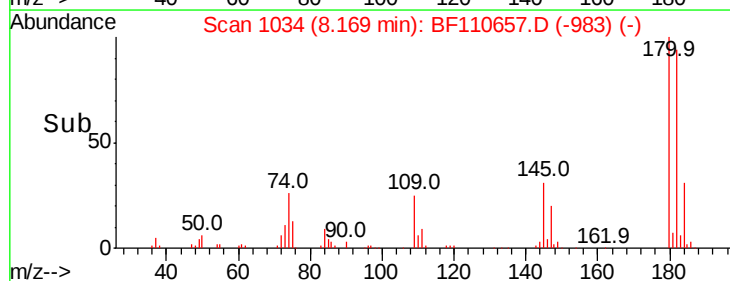
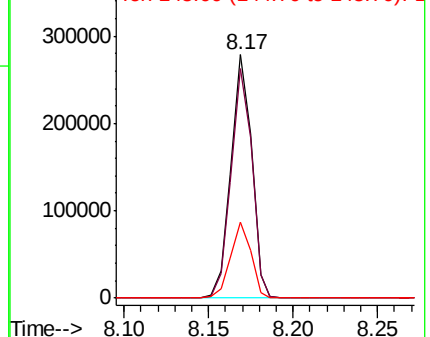
145 31.3 25.4 38.0

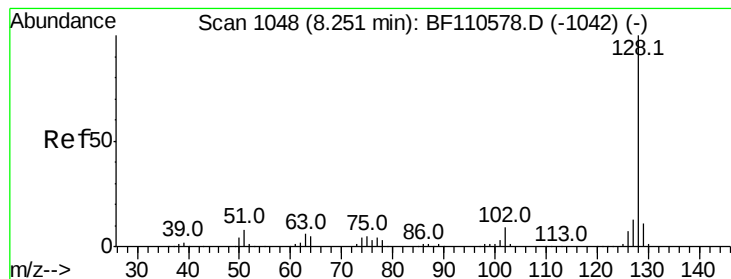


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.856 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

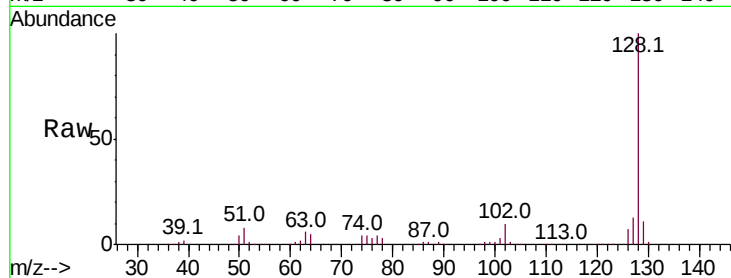
Tot Ion:128 Resp: 710176

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

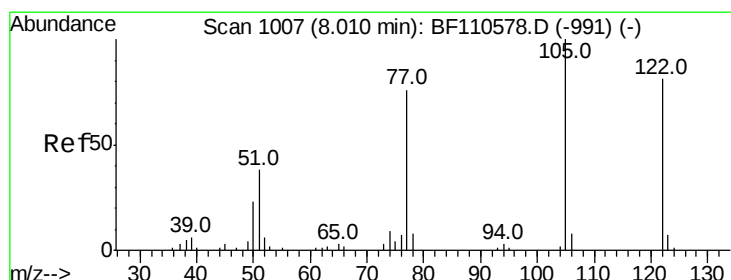
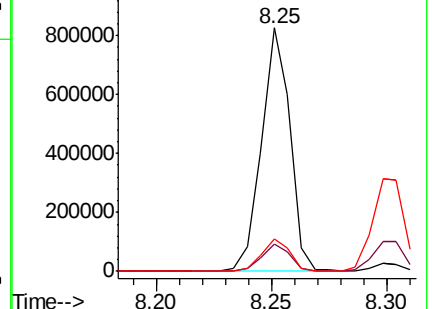
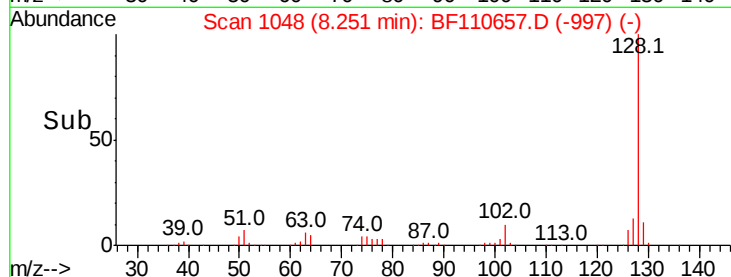
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.548 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

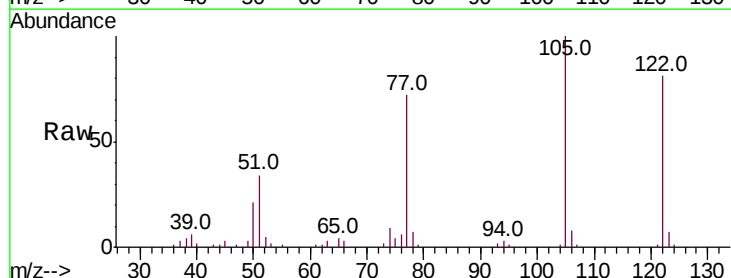
Tgt Ion:122 Resp: 89112

Ion Ratio Lower Upper

122 100

105 123.1 109.0 149.0

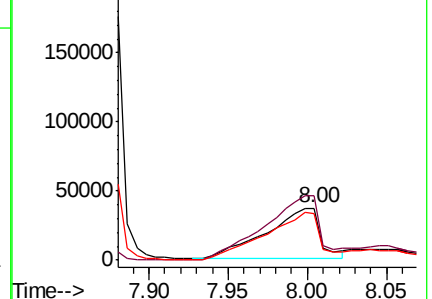
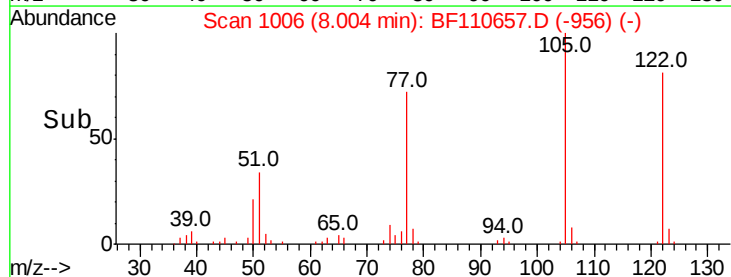
77 88.6 79.0 119.0

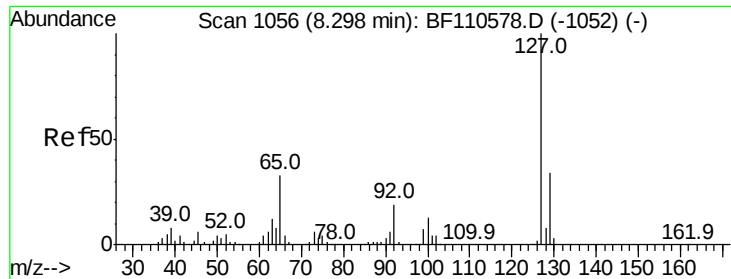


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

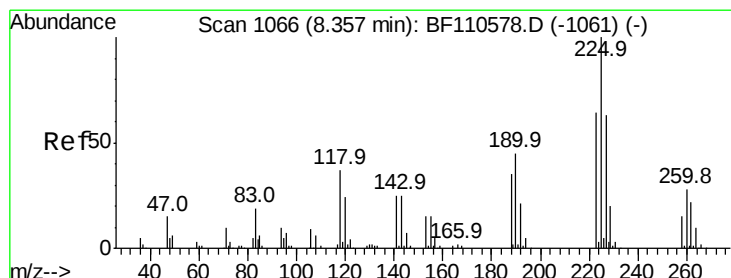
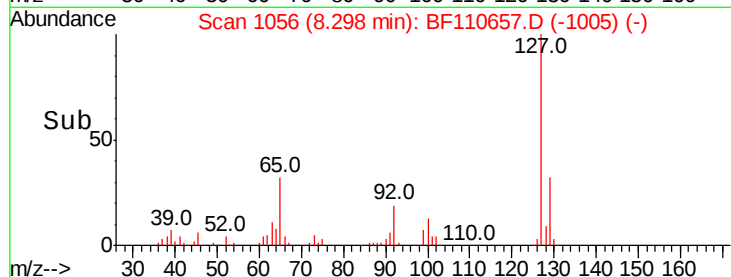
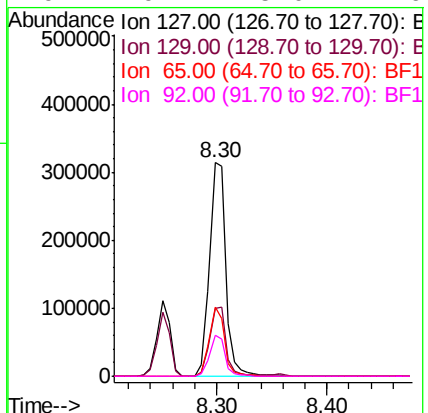
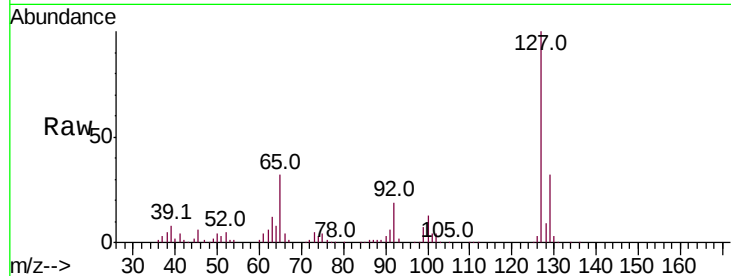




#33
4-Chloroaniline
Concen: 38.947 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

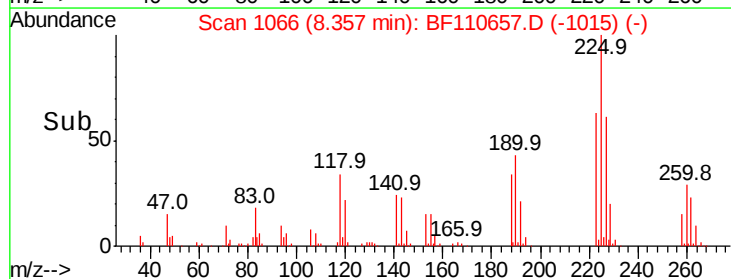
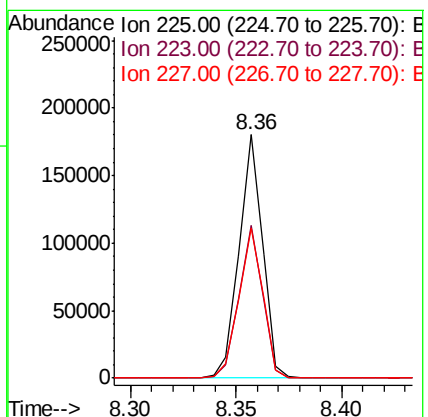
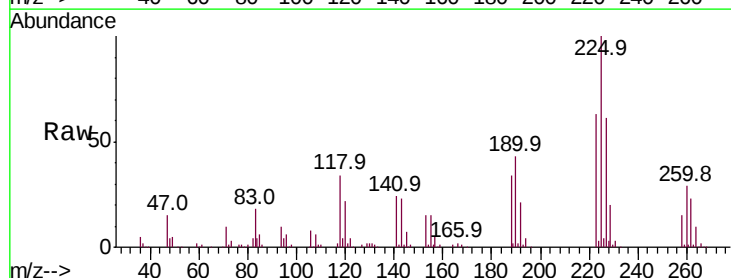
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

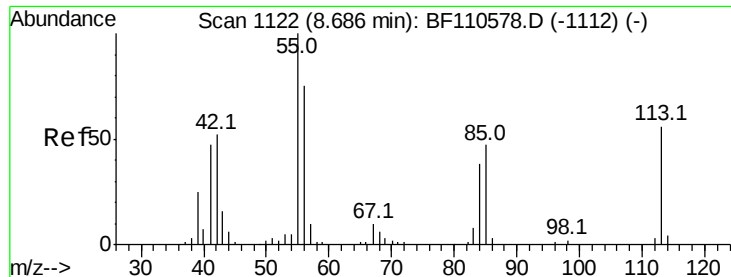
Tot Ion:	127	Resp:	314348
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	32.1	25.1	37.7
92	19.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.432 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion:	225	Resp:	137460
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.2
227	61.5	51.0	76.6





#35

Caprolactam

Concen: 39.569 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

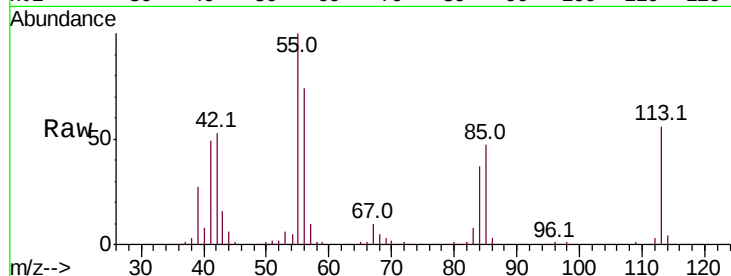
Tot Ion:113 Resp: 69790

Ion Ratio Lower Upper

113 100

55 179.4 142.8 182.8

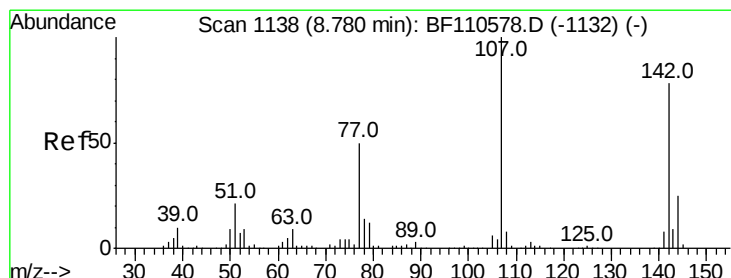
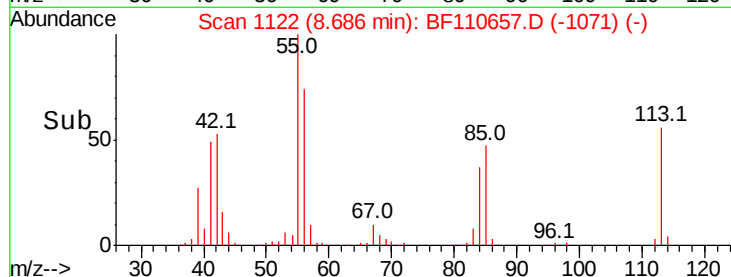
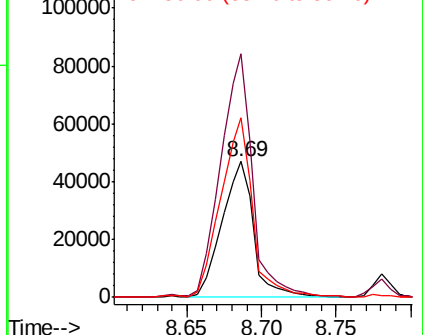
56 132.2 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.630 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

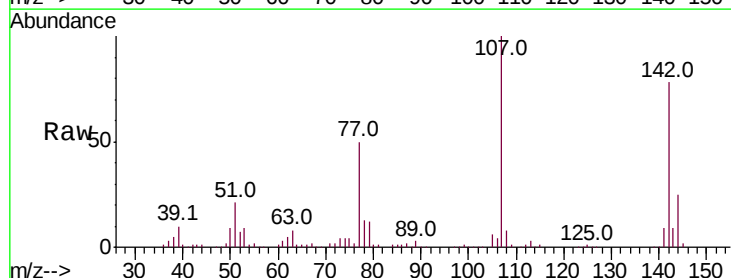
Tgt Ion:107 Resp: 225634

Ion Ratio Lower Upper

107 100

144 24.8 20.0 30.0

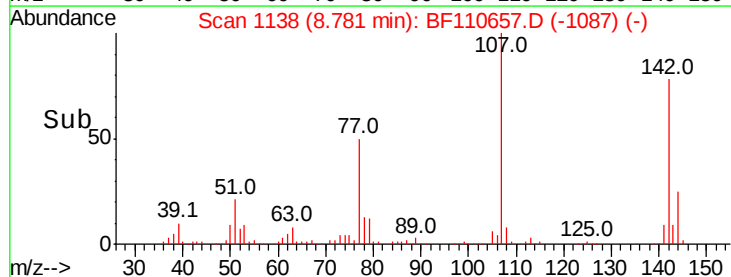
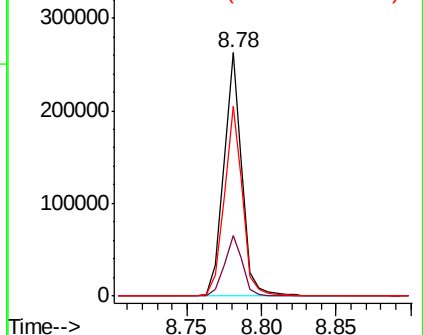
142 77.7 59.7 89.5

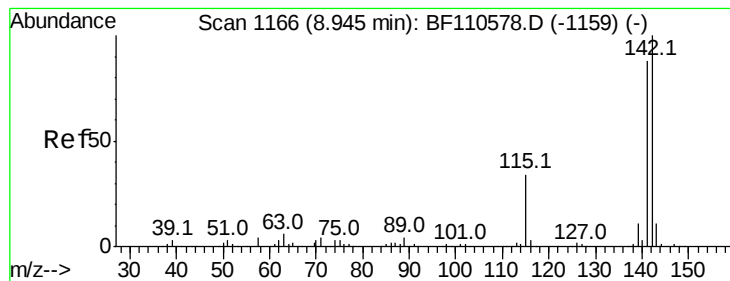


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.149 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

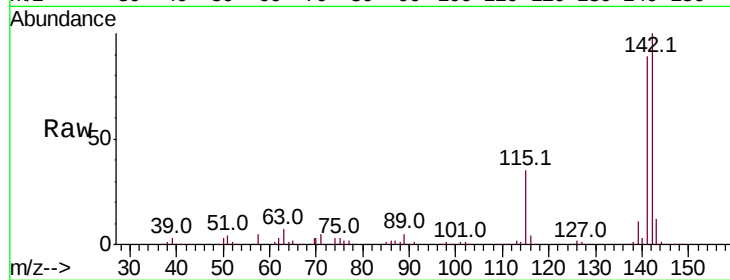
Tot Ion:142 Resp: 457296

Ion Ratio Lower Upper

142 100

141 89.3 71.4 107.2

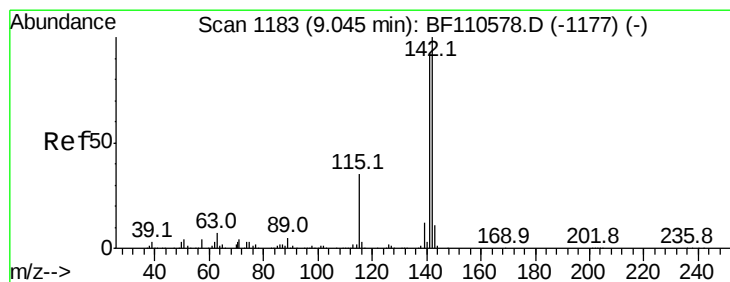
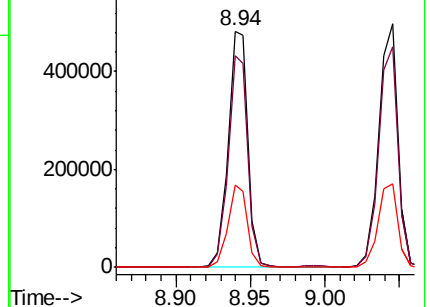
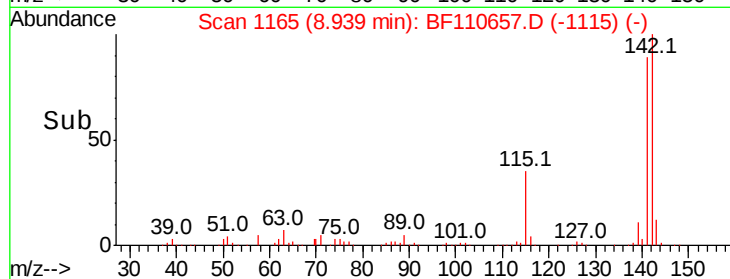
115 35.0 28.7 43.1



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: 38.752 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

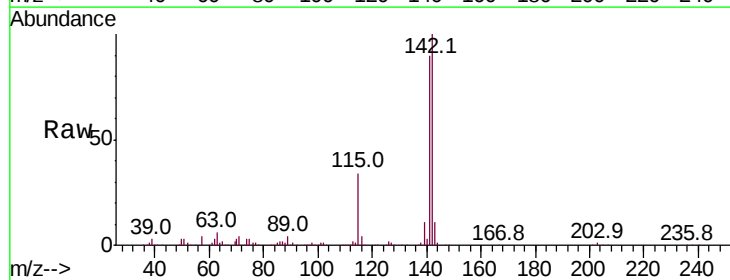
Tgt Ion:142 Resp: 435328

Ion Ratio Lower Upper

142 100

141 90.3 74.2 111.4

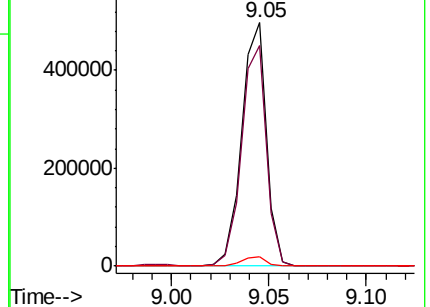
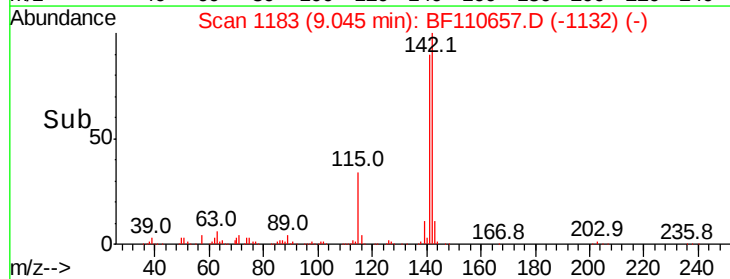
116 3.6 2.6 4.0

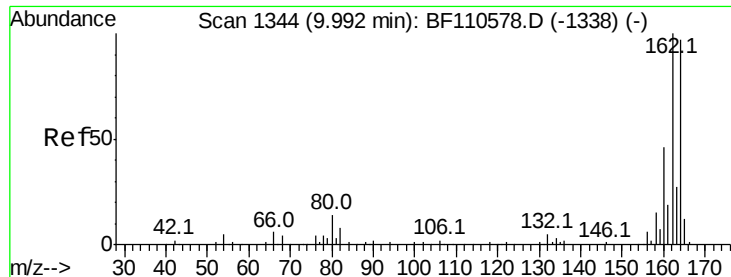


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

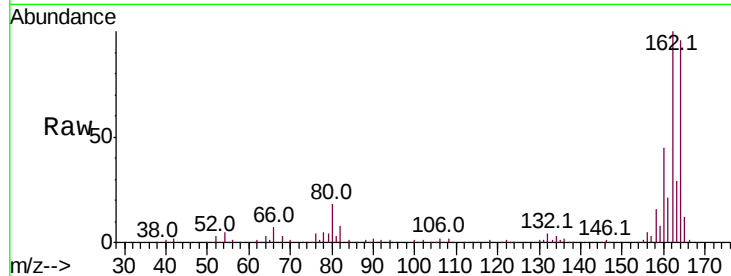




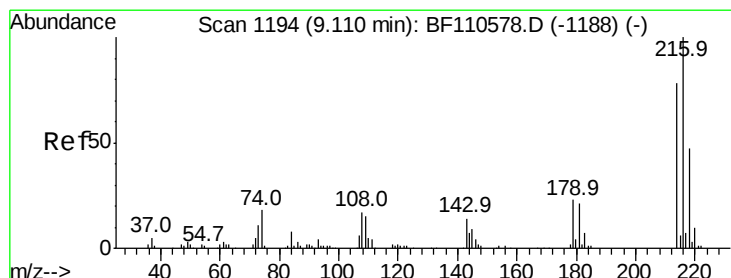
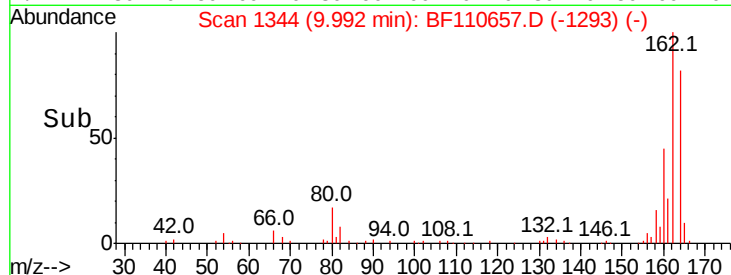
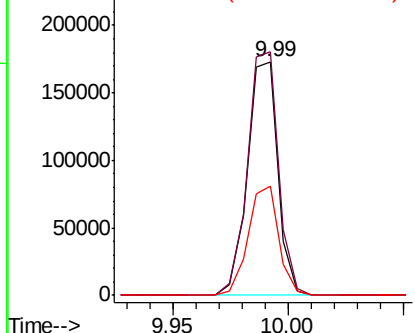
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 160541
Ion Ratio Lower Upper
164 100
162 104.2 83.0 124.6
160 46.6 37.0 55.6



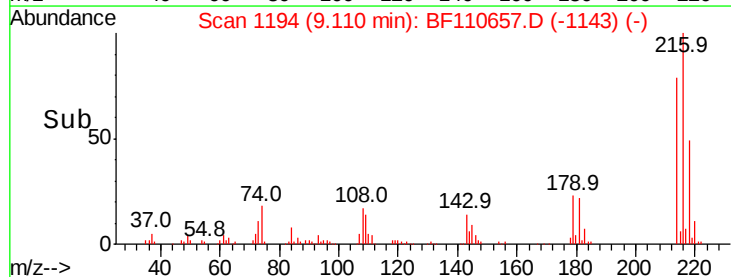
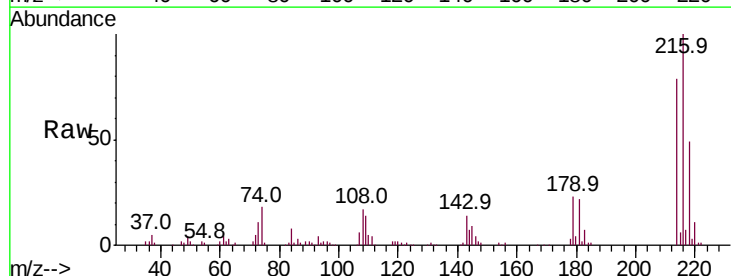
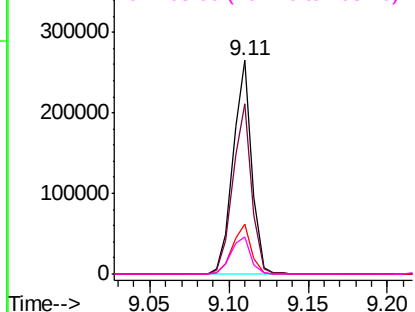
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

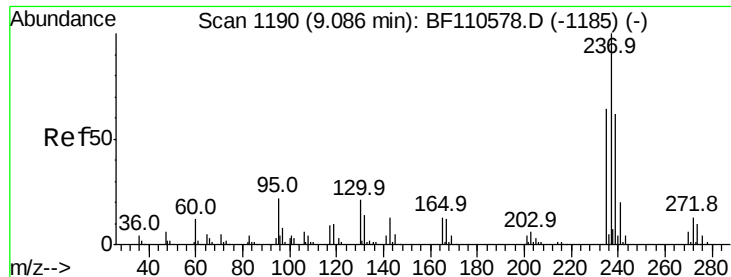


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.429 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion:216 Resp: 215613
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.6
179 23.3 16.6 25.0
108 18.3 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: 11.651 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

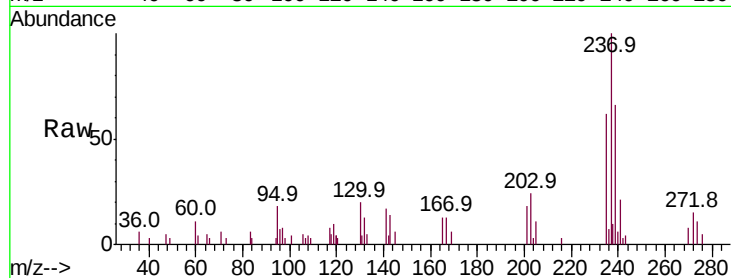
Tot Ion:237 Resp: 8820

Ion Ratio Lower Upper

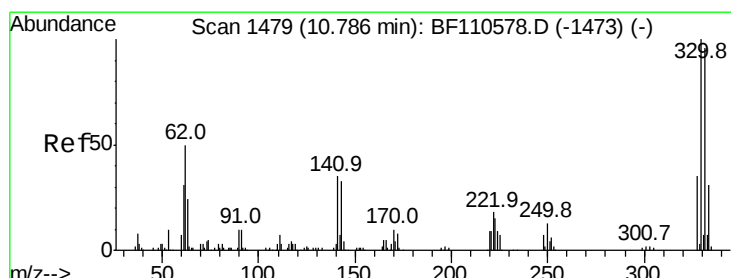
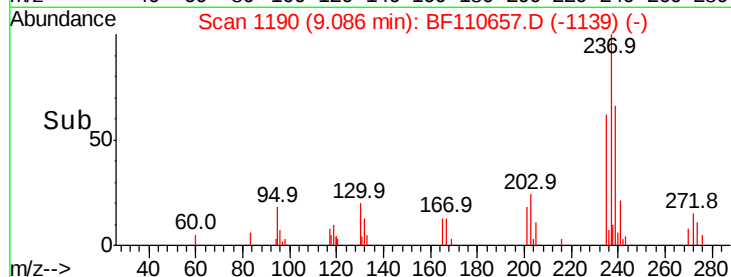
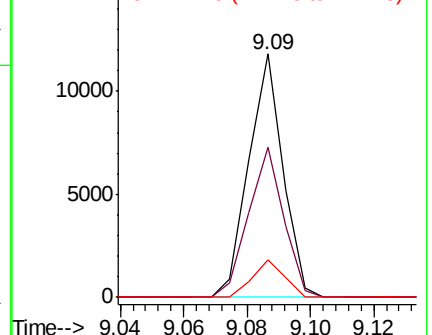
237 100

235 61.9 43.1 83.1

272 15.2 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: 68.910 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

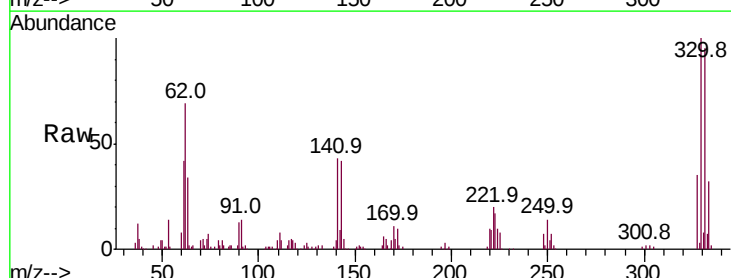
Tgt Ion:330 Resp: 111473

Ion Ratio Lower Upper

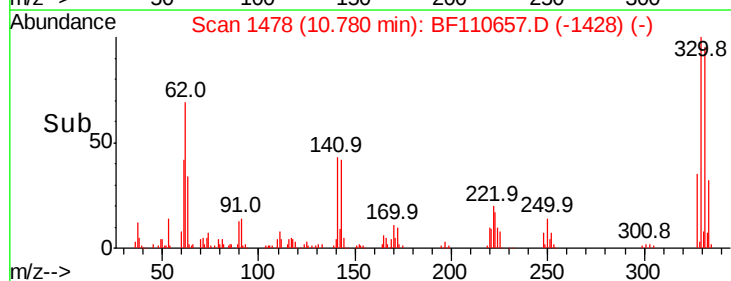
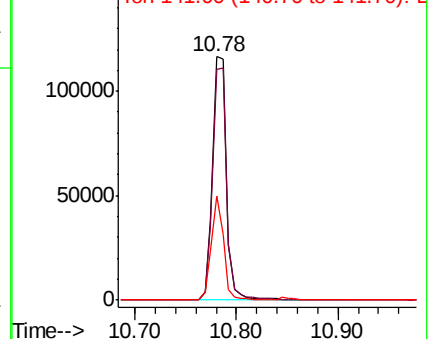
330 100

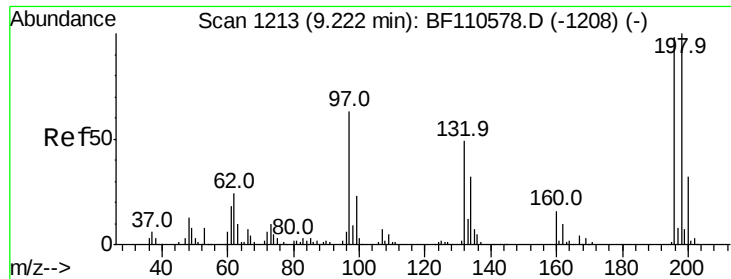
332 95.5 77.1 115.7

141 37.1 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

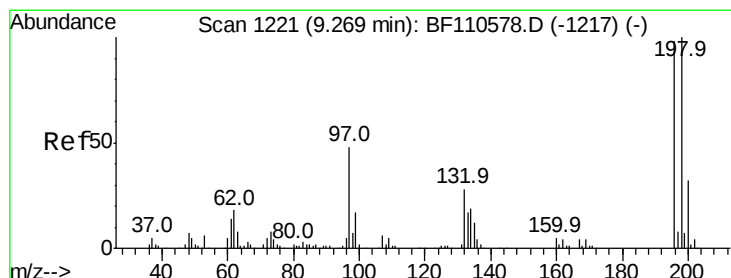
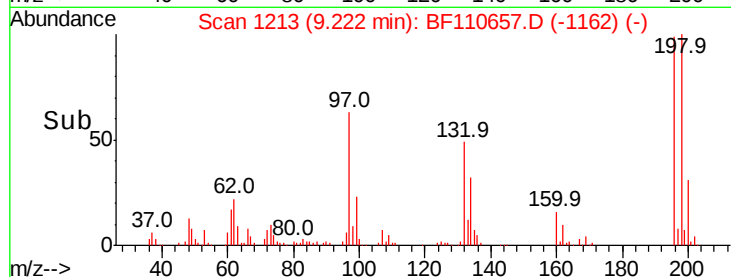
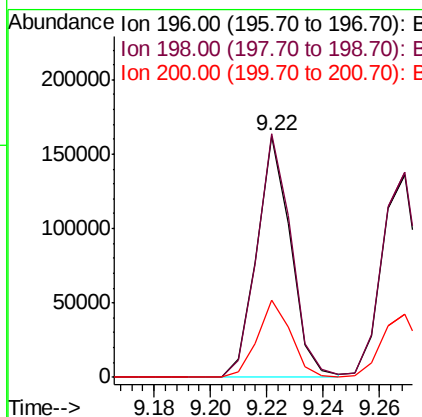
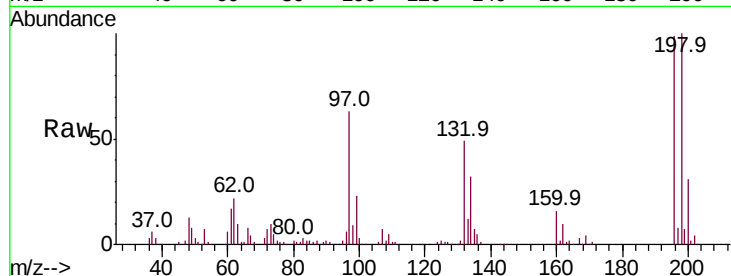




#43
 2,4,6-Trichlorophenol
 Concen: 42.498 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

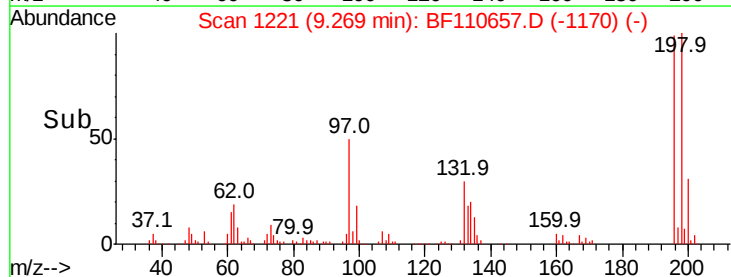
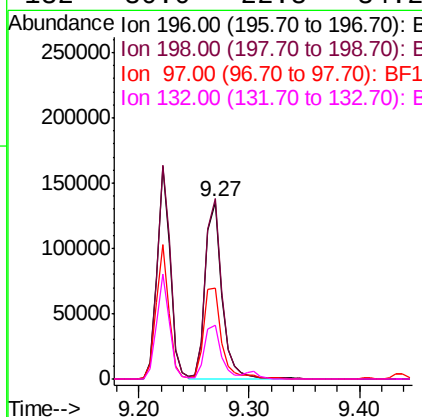
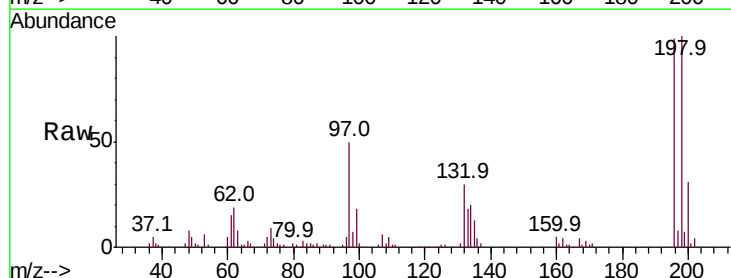
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

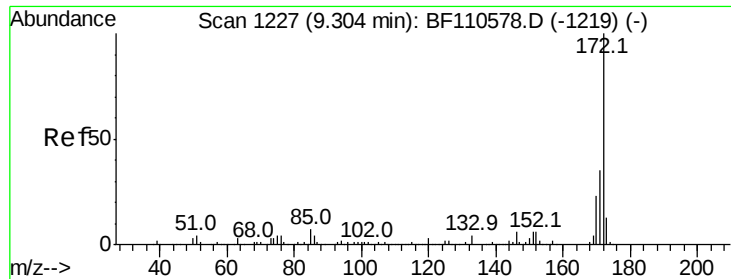
Tot Ion:196 Resp: 135713
 Ion Ratio Lower Upper
 196 100
 198 100.7 76.2 114.4
 200 31.7 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.822 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

Tgt Ion:196 Resp: 139054
 Ion Ratio Lower Upper
 196 100
 198 101.5 75.8 113.6
 97 51.2 42.4 63.6
 132 30.0 22.8 34.2

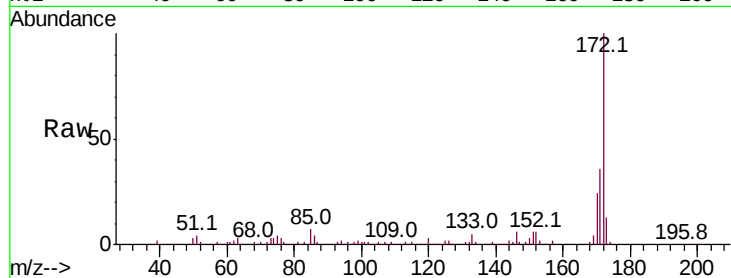




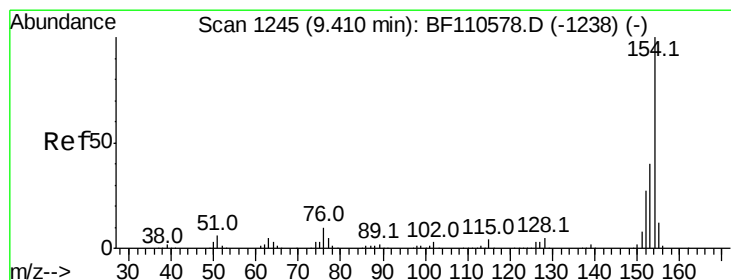
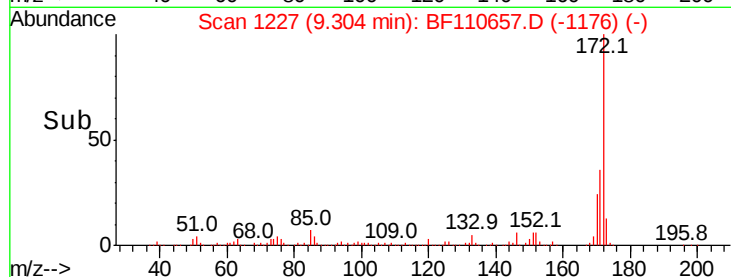
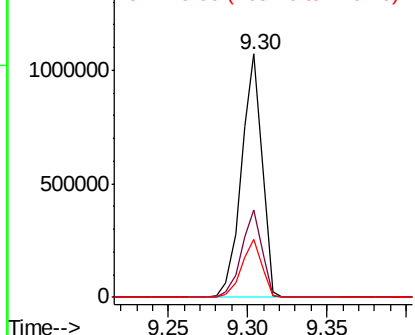
#45
2-Fluorobiphenyl
Concen: 85.115 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 956768
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 19.7 29.5

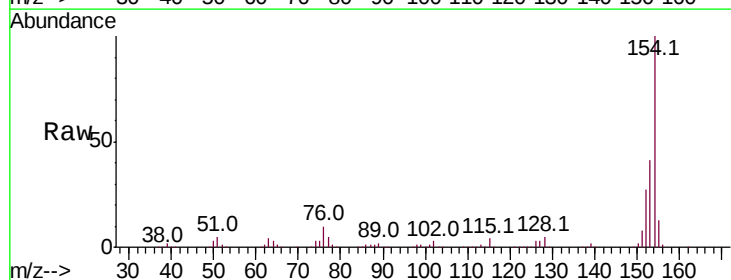


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

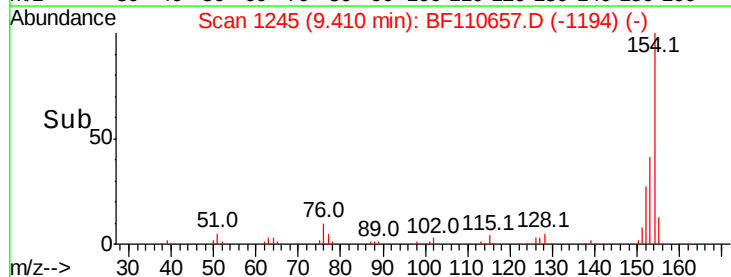
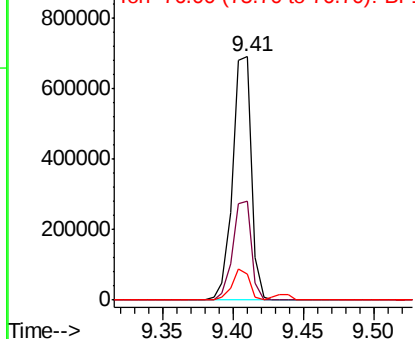


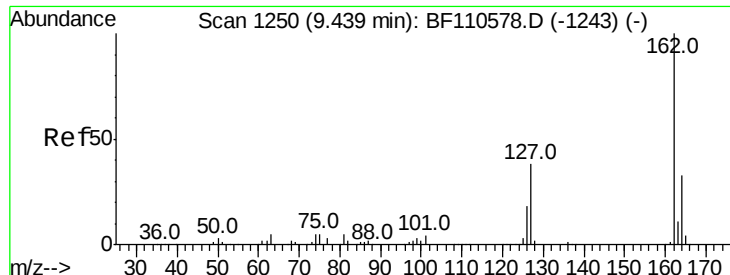
#46
1,1'-Biphenyl
Concen: 42.566 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion:154 Resp: 637474
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 10.4 0.0 31.9



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

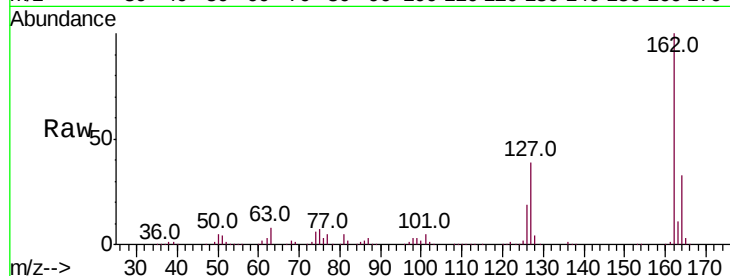




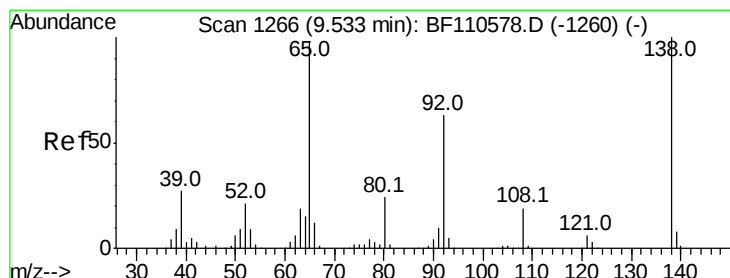
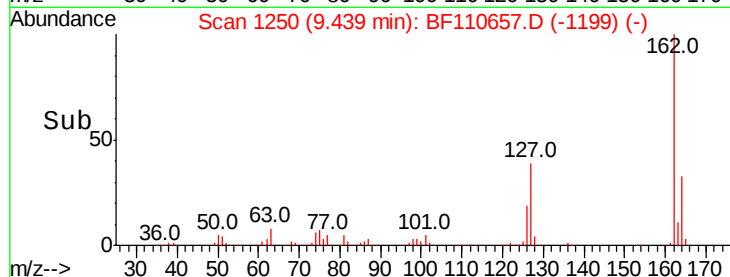
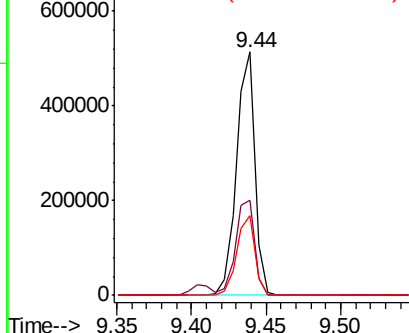
#47
 2-Chloronaphthalene
 Concen: 41.454 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.6	48.8
164	32.9	25.9	38.9

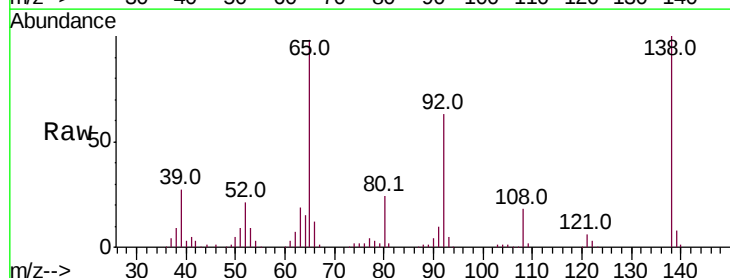


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

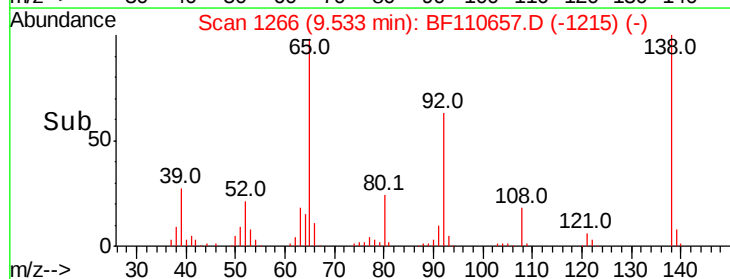
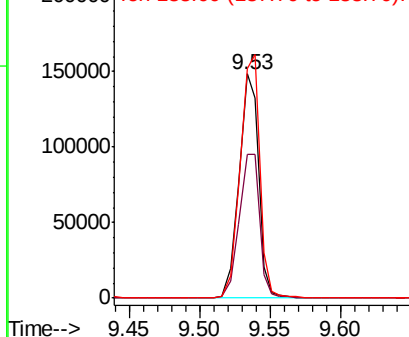


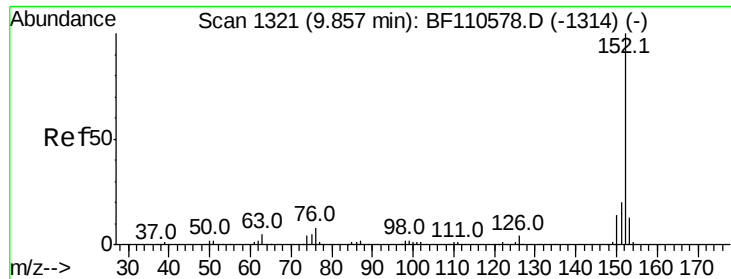
#48
 2-Nitroaniline
 Concen: 43.028 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	54.6	81.8
138	102.5	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: 39.854 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

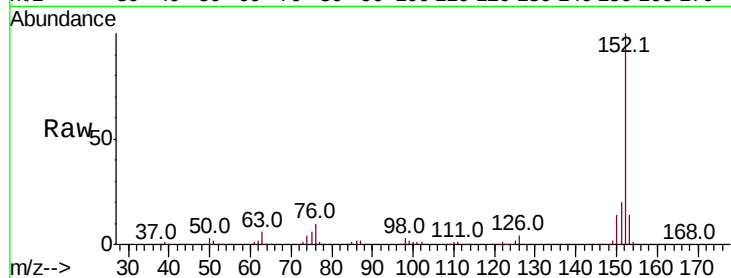
Tot Ion:152 Resp: 619257

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

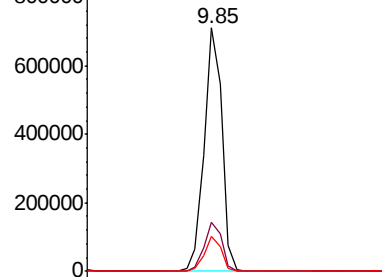
153 14.2 10.4 15.6



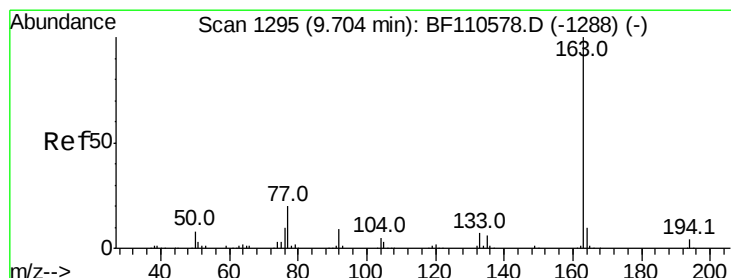
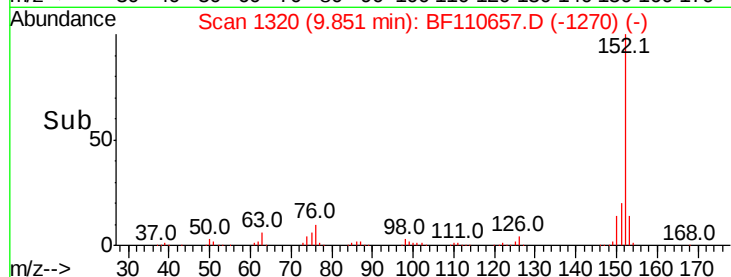
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 43.322 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

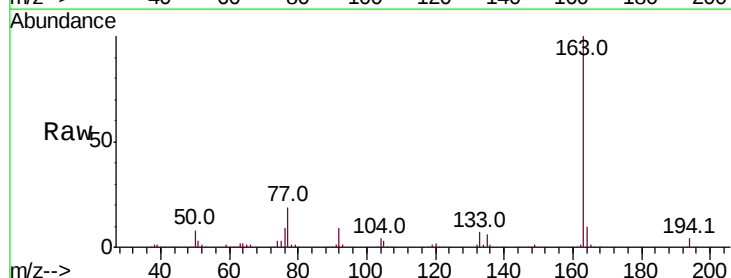
Tgt Ion:163 Resp: 518960

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

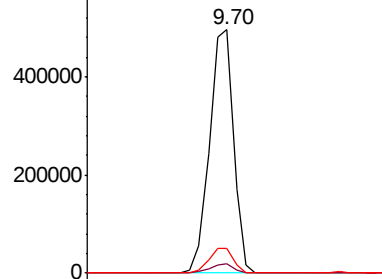
164 10.0 8.1 12.1



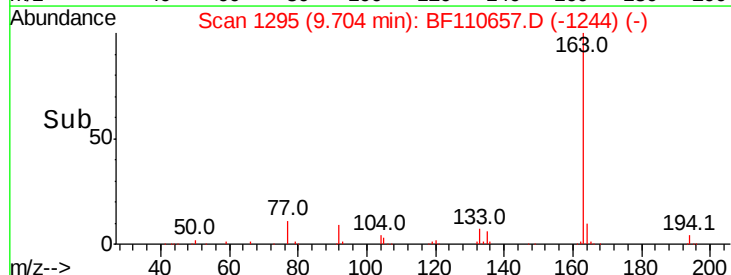
Abundance Ion 163.00 (162.70 to 163.70): E

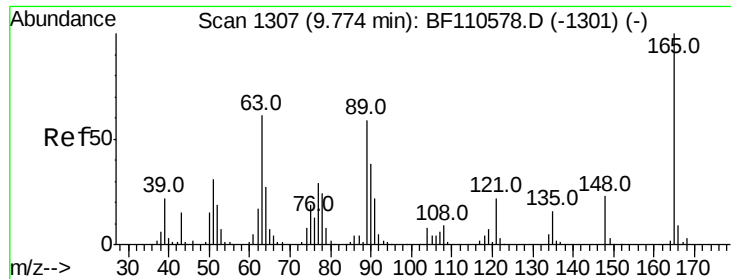
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

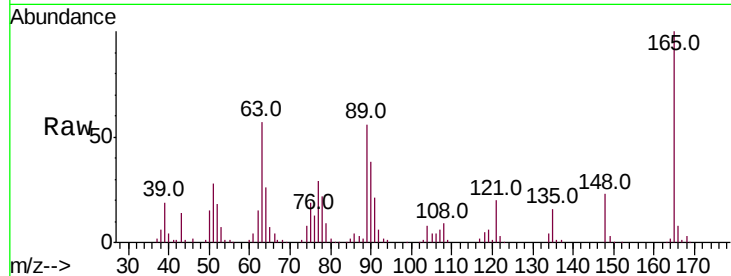




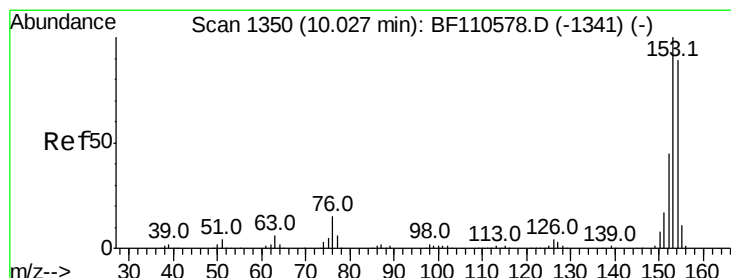
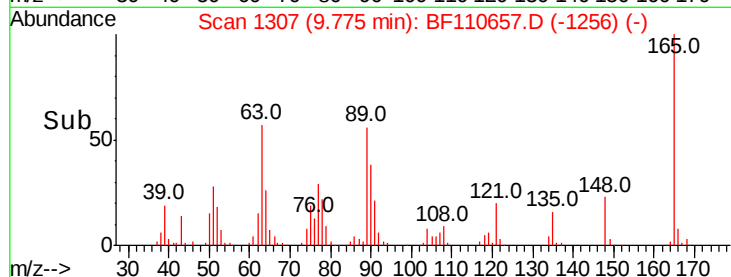
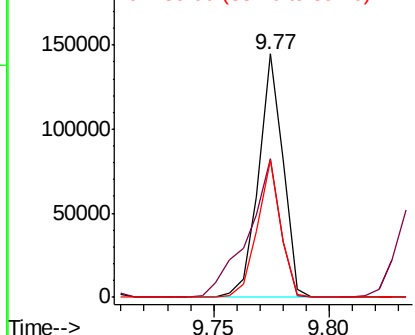
#51
2,6-Dinitrotoluene
Concen: 40.813 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.0	48.9	73.3
89	56.2	46.6	69.8

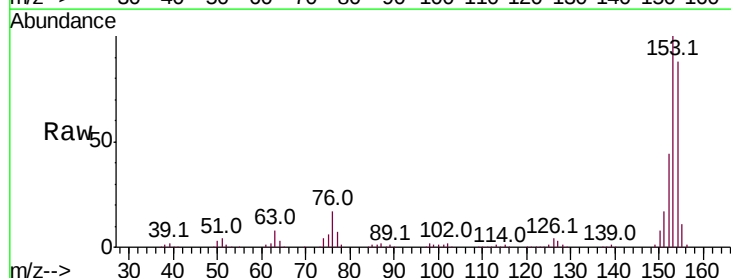


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

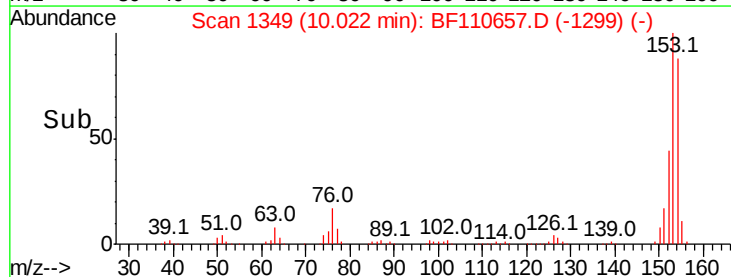
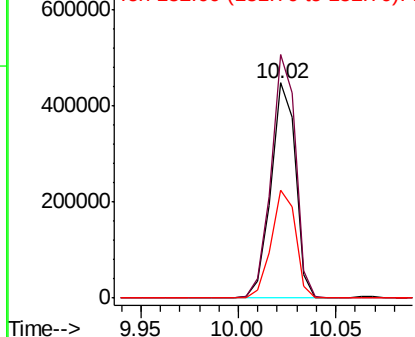


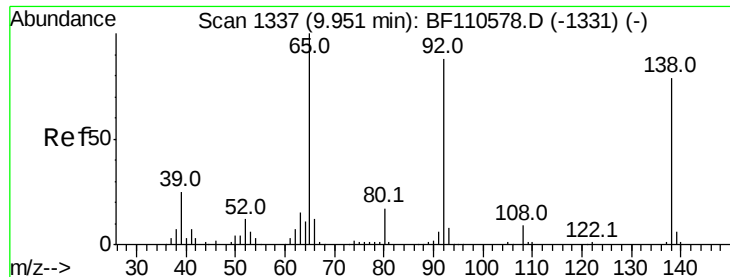
#52
Acenaphthene
Concen: 39.752 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.1	135.1
152	50.2	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

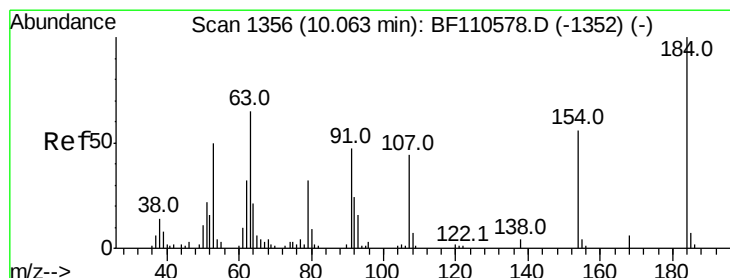
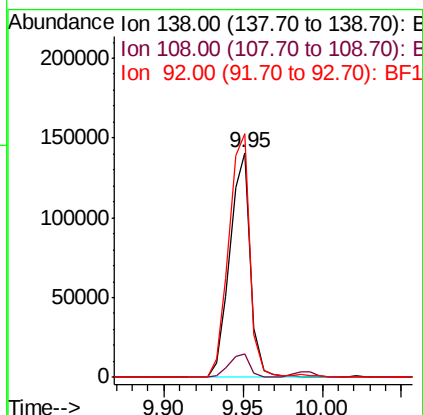
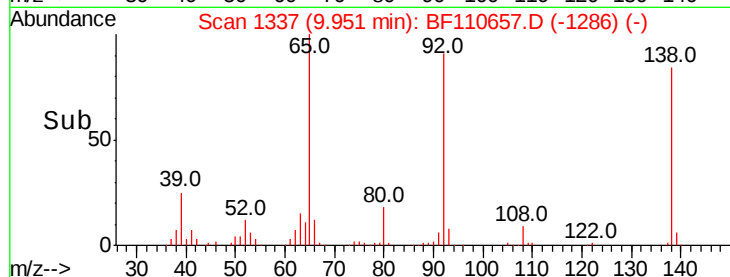
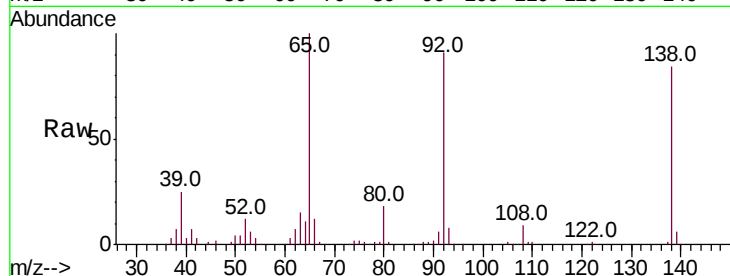




#53
3-Nitroaniline
Concen: 41.825 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

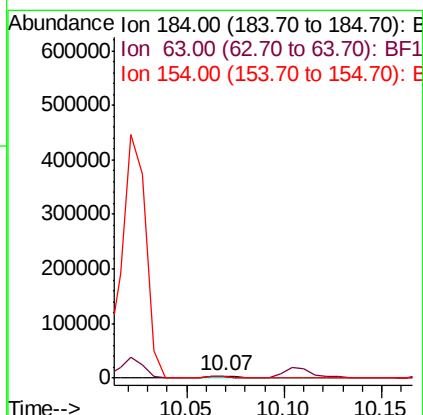
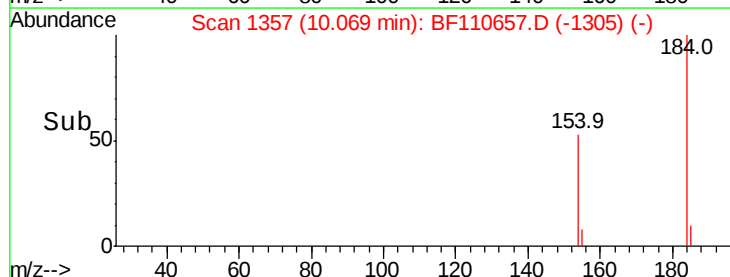
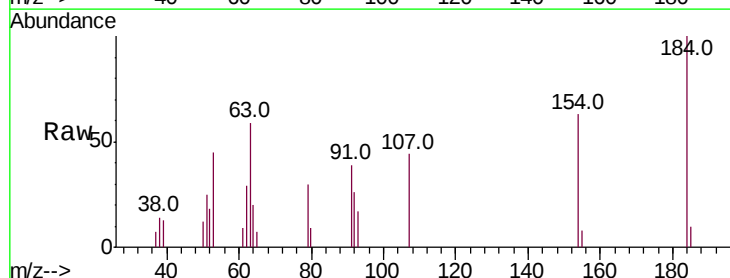
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

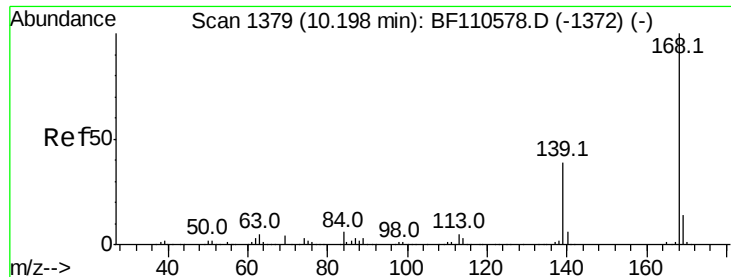
Tot Ion:138 Resp: 127692
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 108.3 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 9.399 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion:184 Resp: 5239
Ion Ratio Lower Upper
184 100
63 58.9 55.8 83.6
154 63.5 63.2 94.8

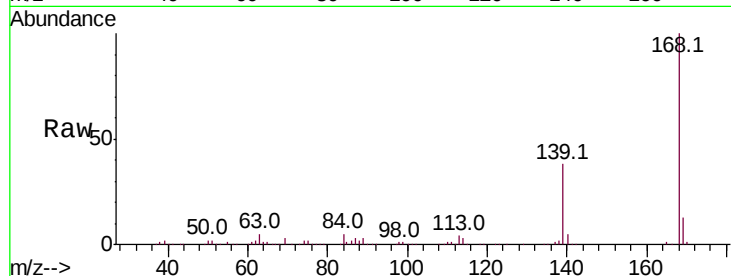




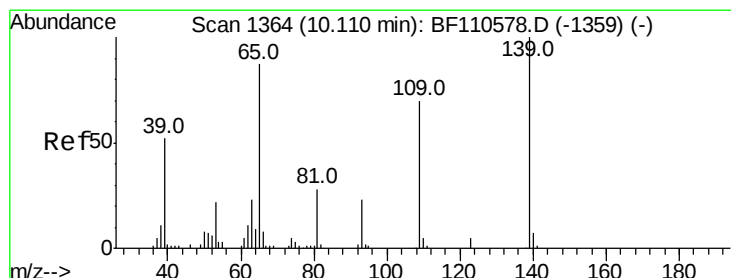
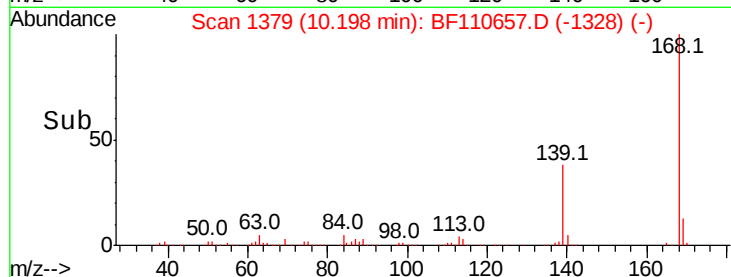
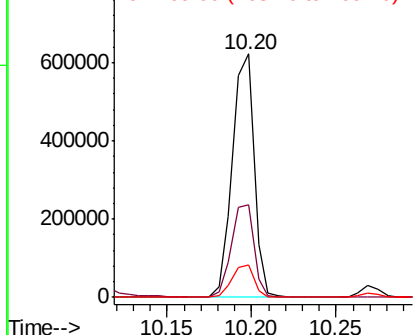
#55
Dibenzenofuran
Concen: 38.743 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 556604
Ion Ratio Lower Upper
168 100
139 37.9 33.0 49.6
169 13.1 11.3 16.9

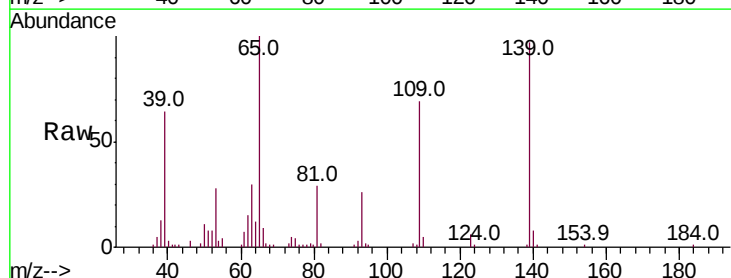


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

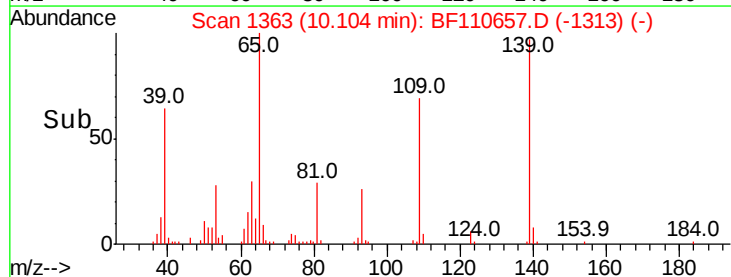
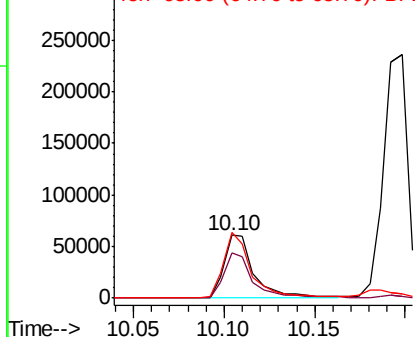


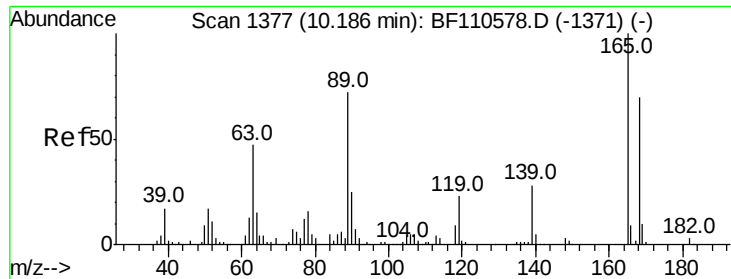
#56
4-Nitrophenol
Concen: 35.134 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion:139 Resp: 71161
Ion Ratio Lower Upper
139 100
109 70.9 55.8 95.8
65 103.3 77.9 117.9



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

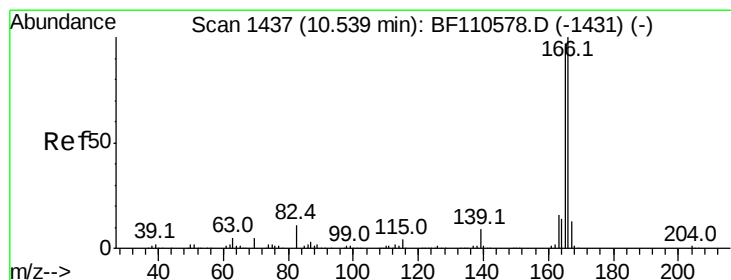
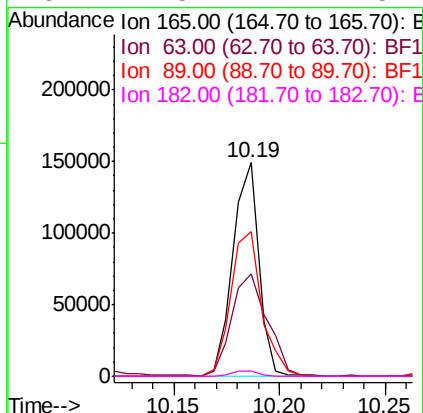
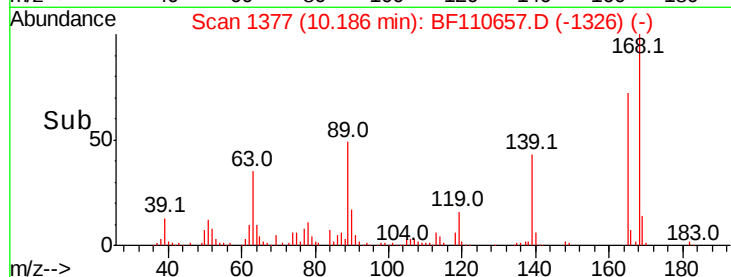
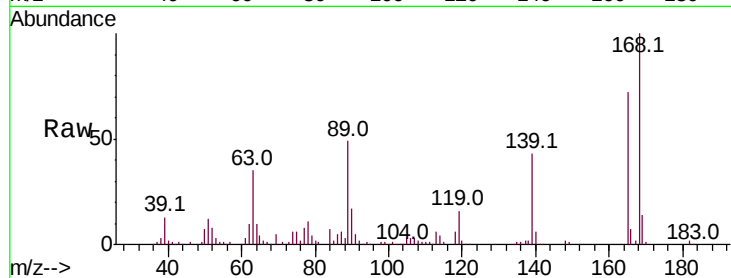




#57
2,4-Dinitrotoluene
Concen: 37.054 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

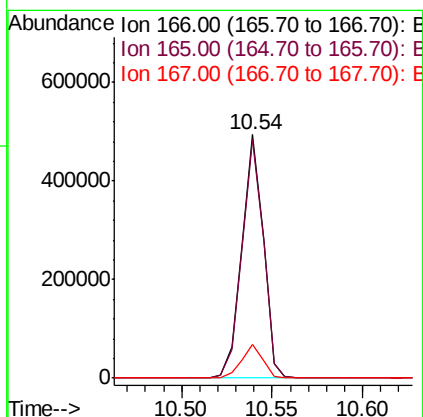
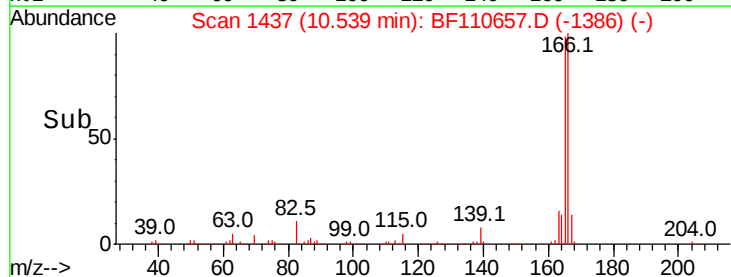
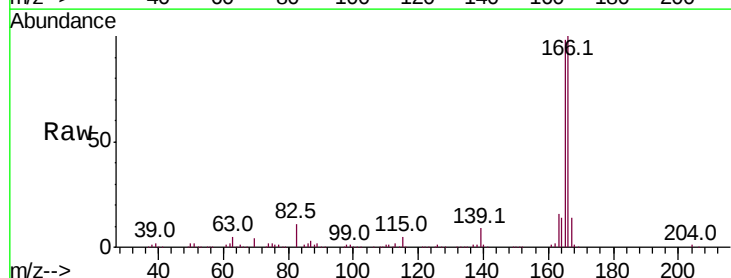
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

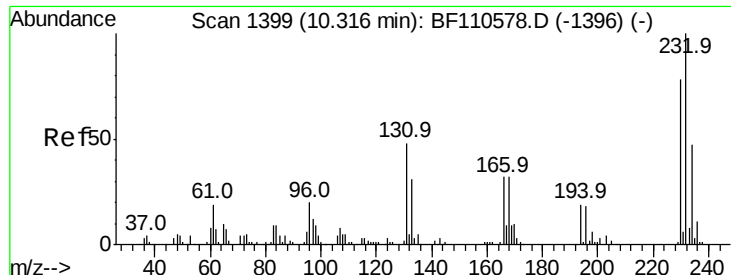
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	44.8	67.2
89	67.7	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 36.804 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.7	10.8	16.2

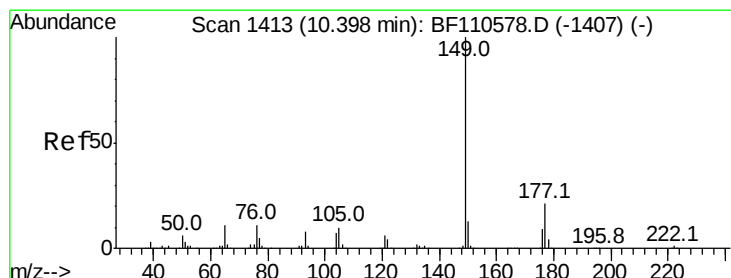
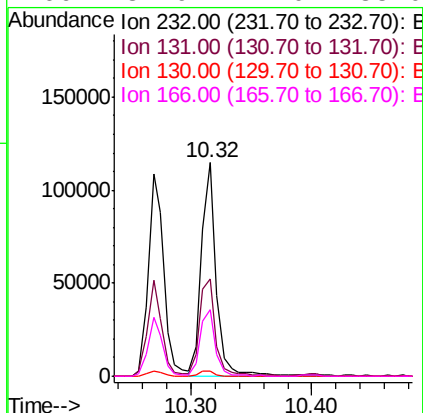
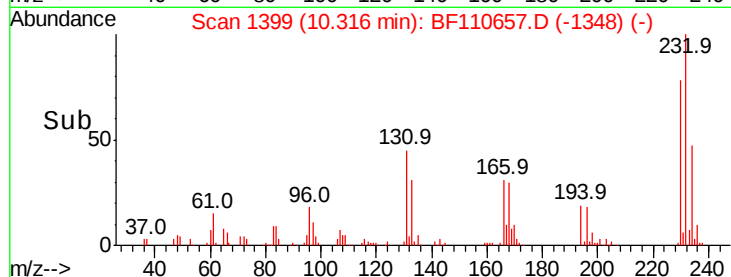
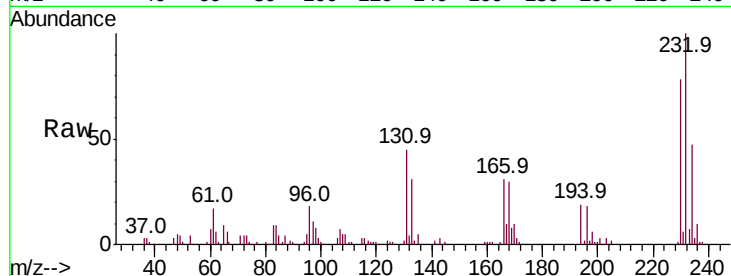




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.463 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

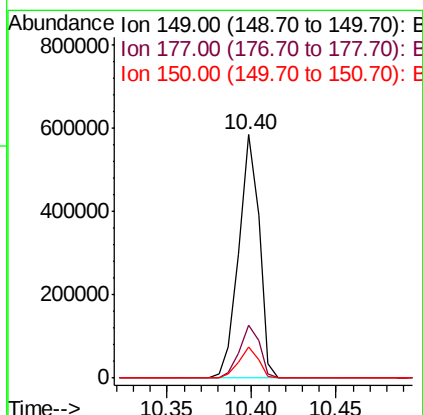
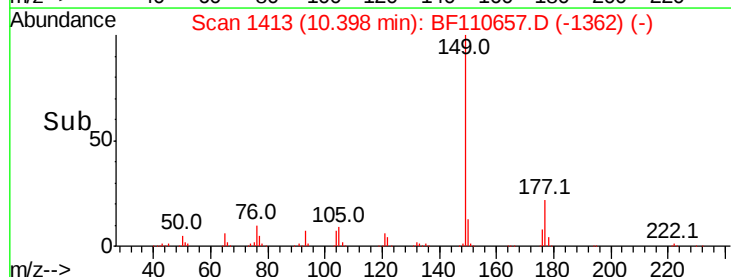
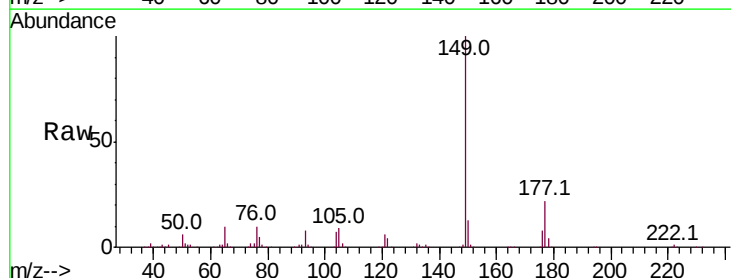
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

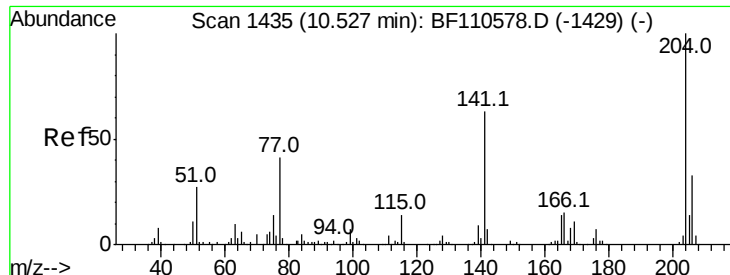
Tot Ion:232 Resp: 97709
Ion Ratio Lower Upper
232 100
131 49.6 37.0 55.4
130 2.4 1.8 2.6
166 32.9 22.0 33.0



#60
Diethylphthalate
Concen: 41.658 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion:149 Resp: 493695
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.6 9.8 14.8

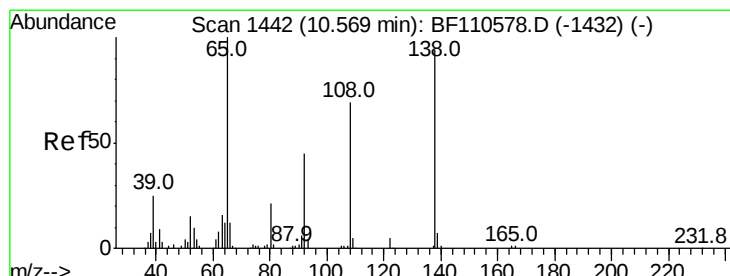
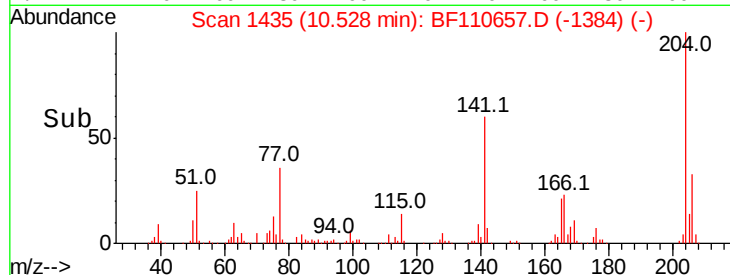
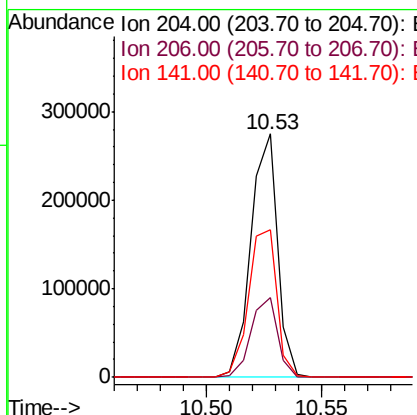
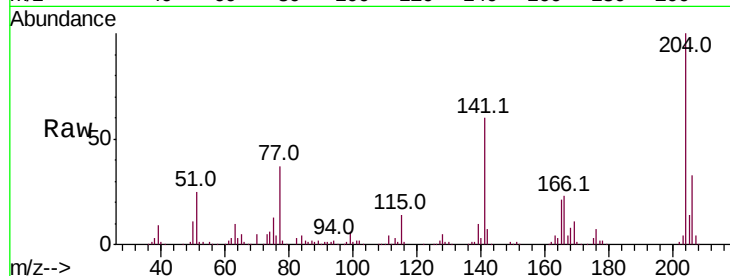




#61
 4-Chlorophenyl-phenylether
 Concen: 39.106 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

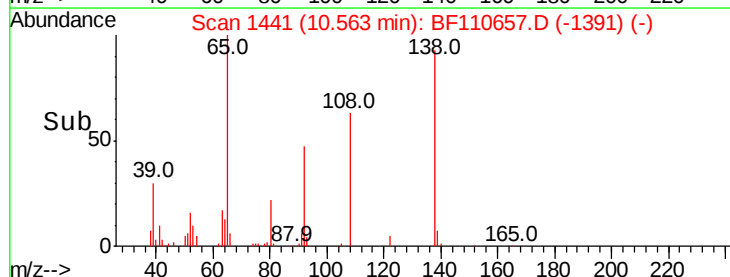
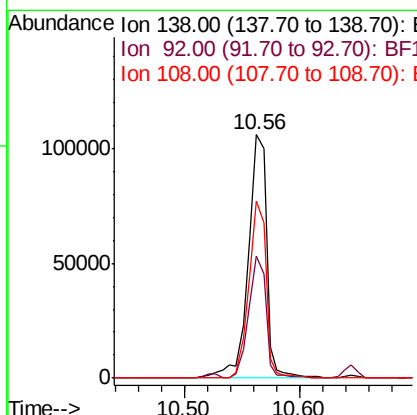
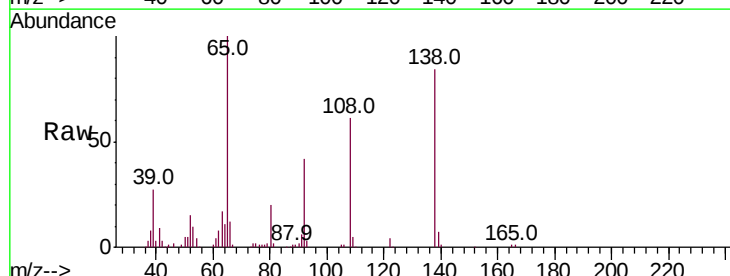
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

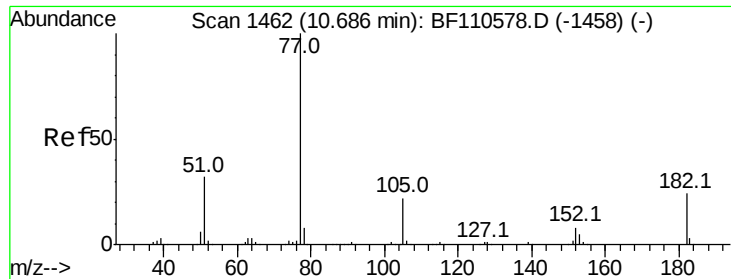
Tot Ion:	204	Resp:	223436
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	60.4	51.8	77.8



#62
 4-Nitroaniline
 Concen: 38.487 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

Tgt Ion:	138	Resp:	118321
Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.7	71.7
108	72.6	59.3	99.3

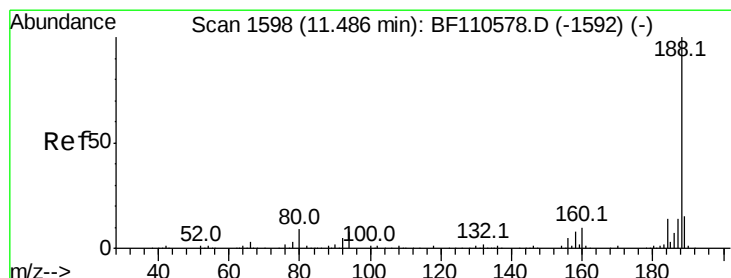
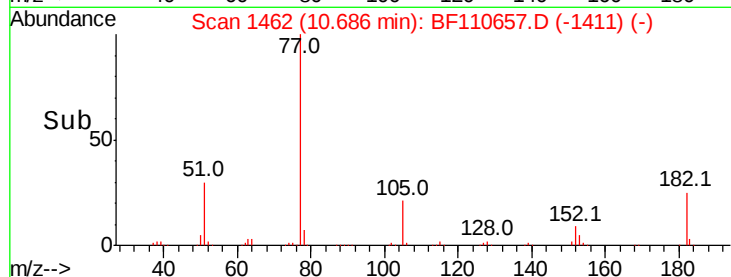
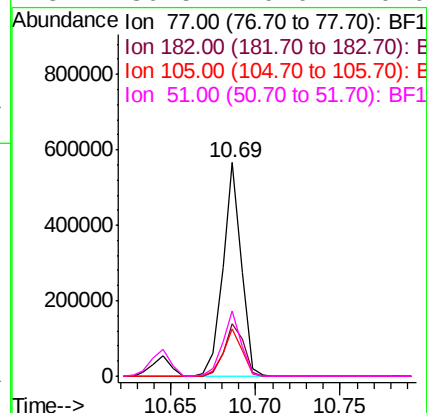
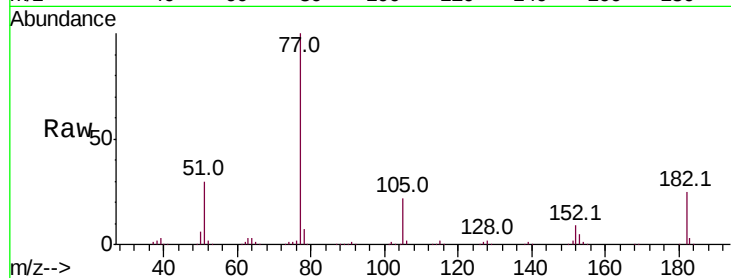




#63
Azobenzene
Concen: 37.329 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

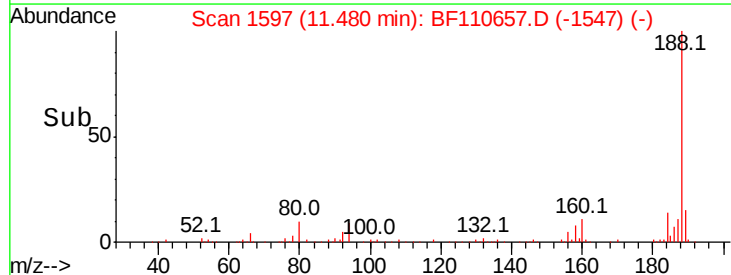
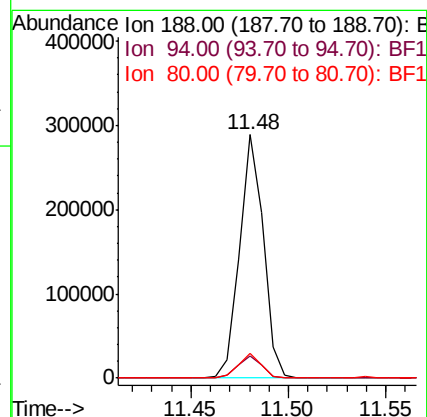
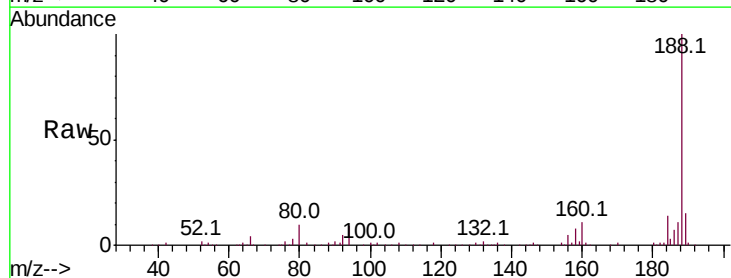
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

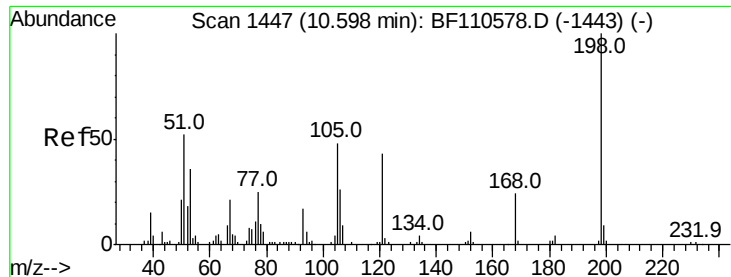
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.3	44.3
105	22.2	1.3	41.3
51	30.5	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.2	7.9	11.9

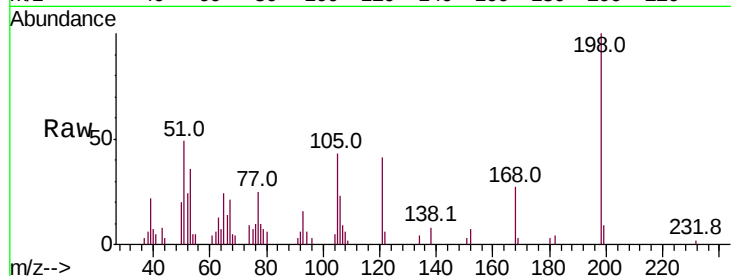




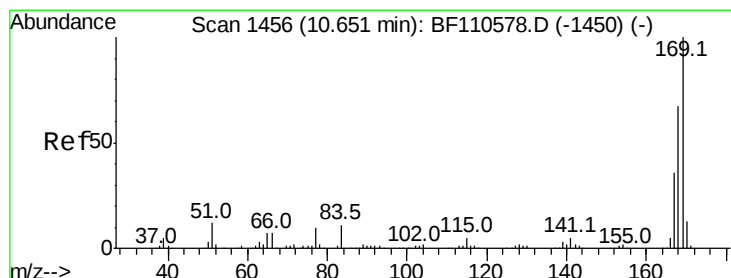
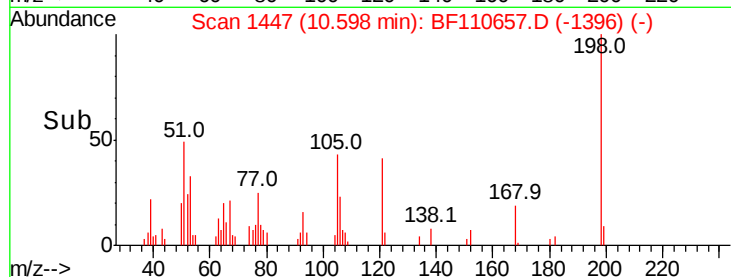
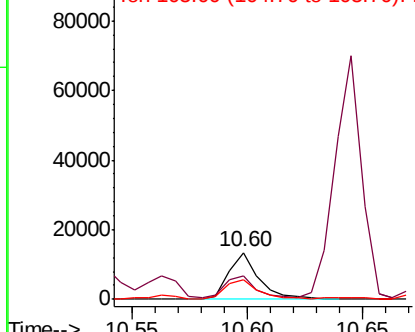
#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.764 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	49.2	22.8	62.8
105	42.7	23.6	63.6

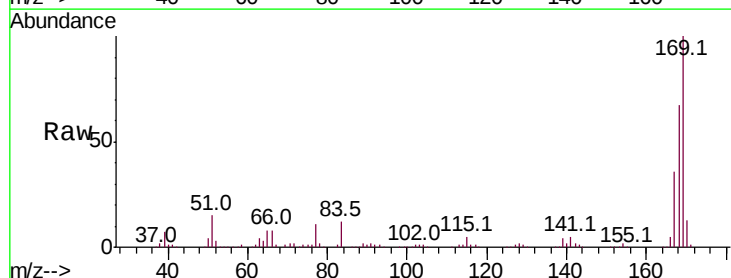


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

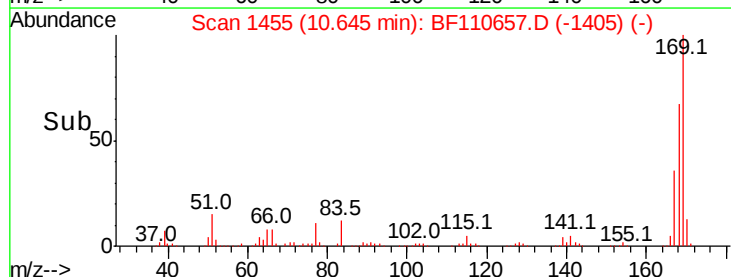
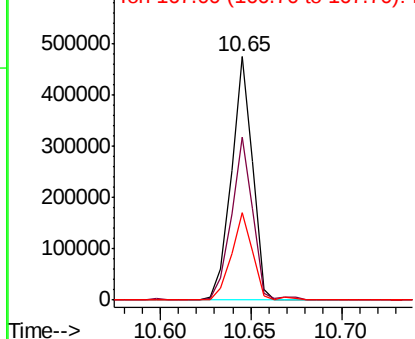


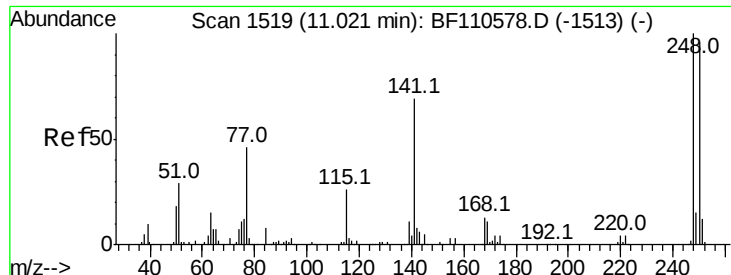
#66
 n-Nitrosodiphenylamine
 Concen: 46.851 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	51.2	76.8
167	35.9	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

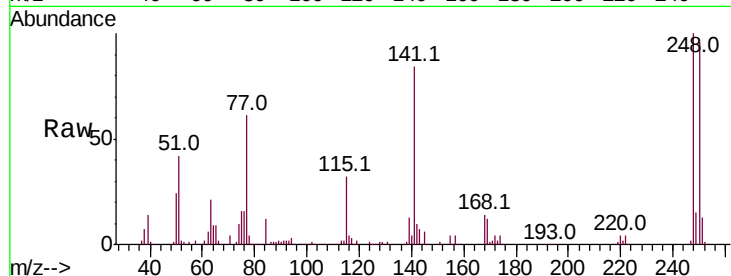




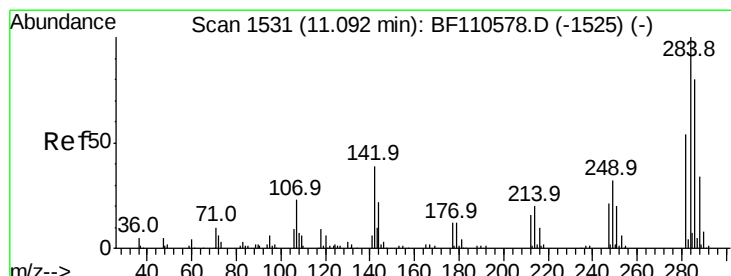
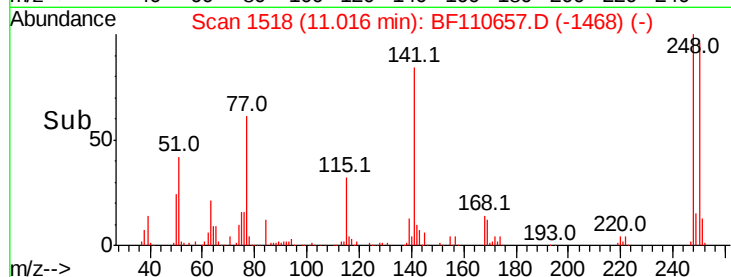
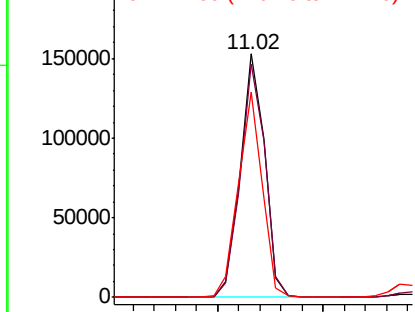
#67
 4-Bromophenyl-phenylether
 Concen: 44.929 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 121484
 Ion Ratio Lower Upper
 248 100
 250 96.0 79.4 119.2
 141 84.2 55.9 83.9#

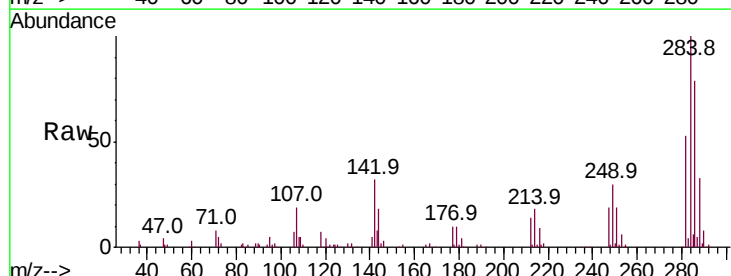


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

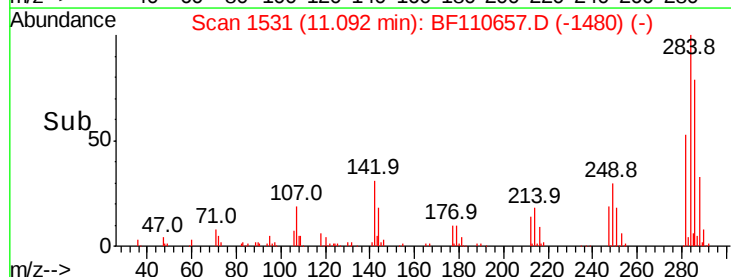
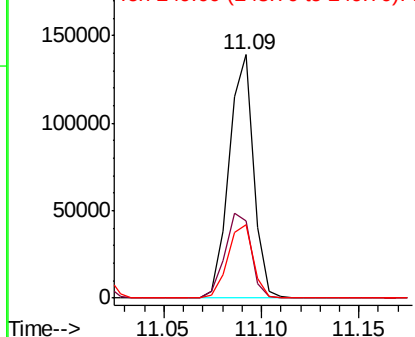


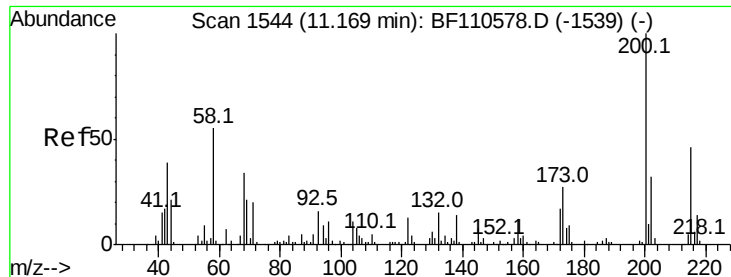
#68
 Hexachlorobenzene
 Concen: 42.340 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

Tgt Ion:284 Resp: 120700
 Ion Ratio Lower Upper
 284 100
 142 31.9 23.9 35.9
 249 30.1 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: 38.320 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

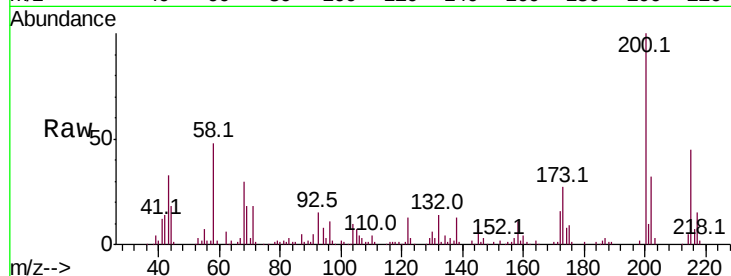
Tot Ion:200 Resp: 96622

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

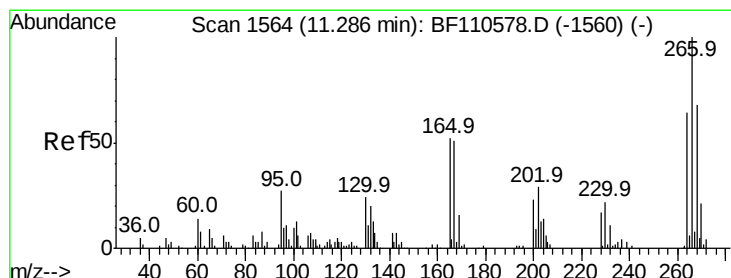
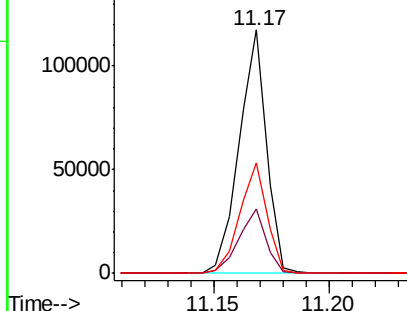
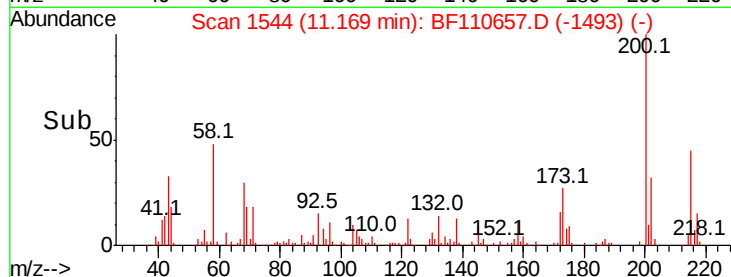
215 45.5 26.3 66.3



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: 37.125 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

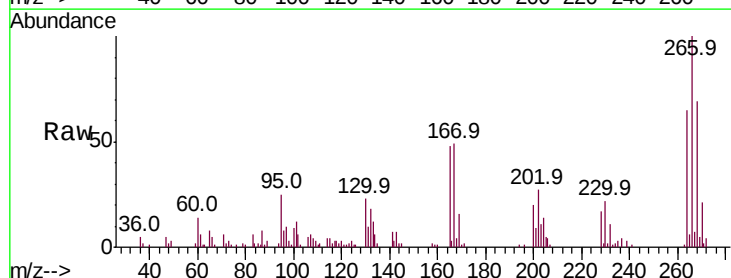
Tgt Ion:266 Resp: 56472

Ion Ratio Lower Upper

266 100

268 69.5 50.6 75.8

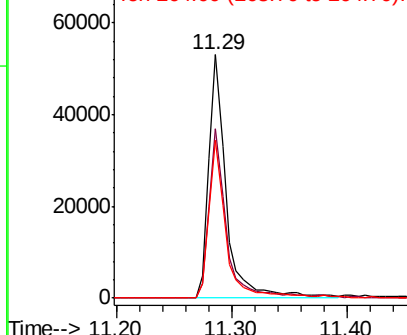
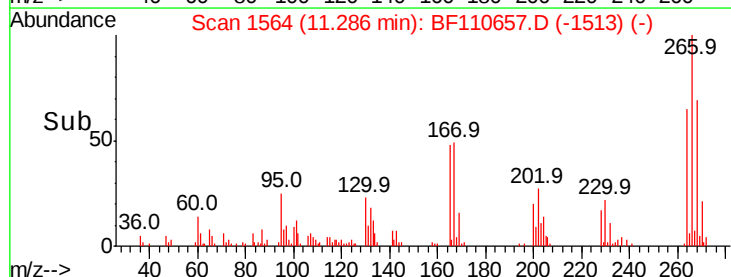
264 65.1 50.6 75.8

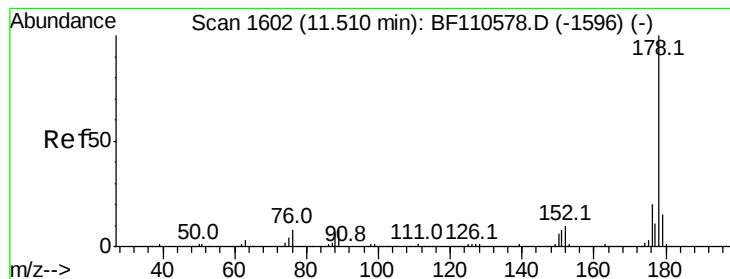


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.114 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

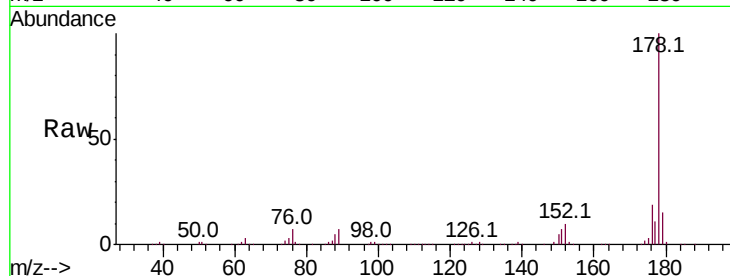
Tot Ion:178 Resp: 525784

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

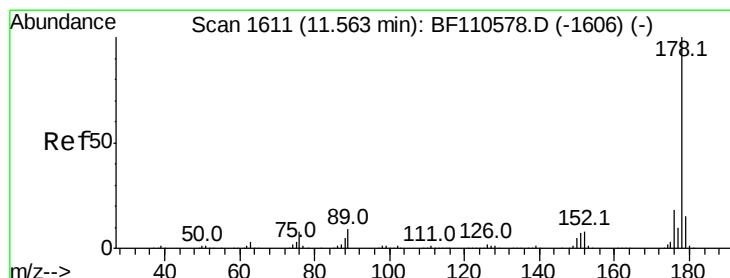
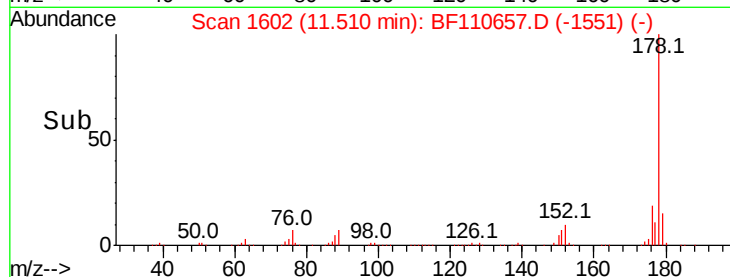
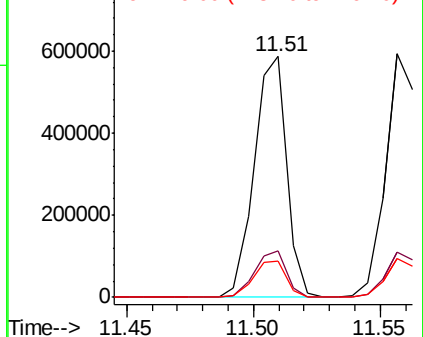
179 15.0 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.171 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

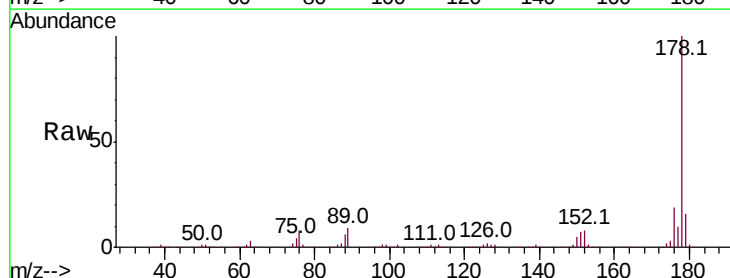
Tgt Ion:178 Resp: 531146

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

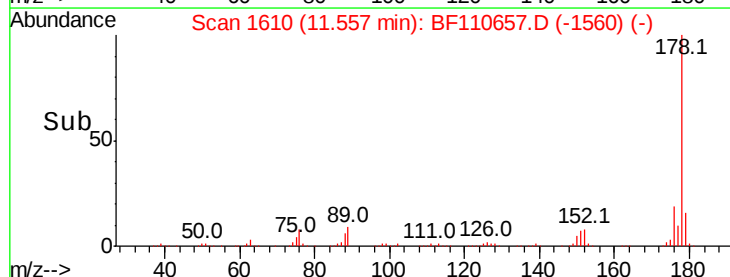
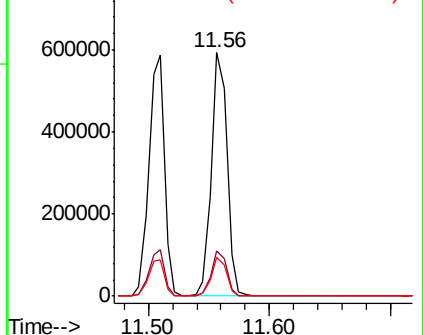
179 15.8 12.6 18.8

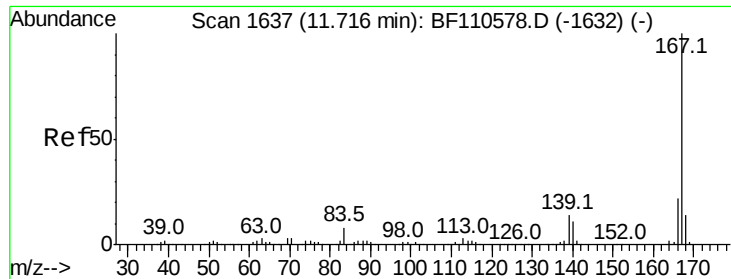


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

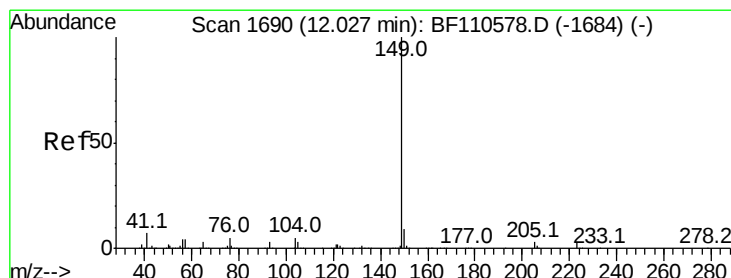
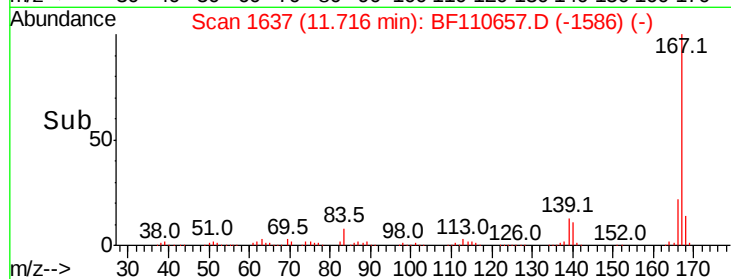
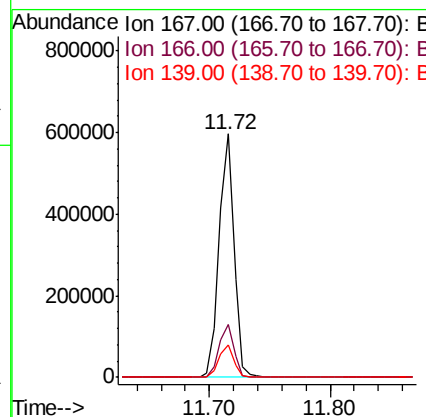
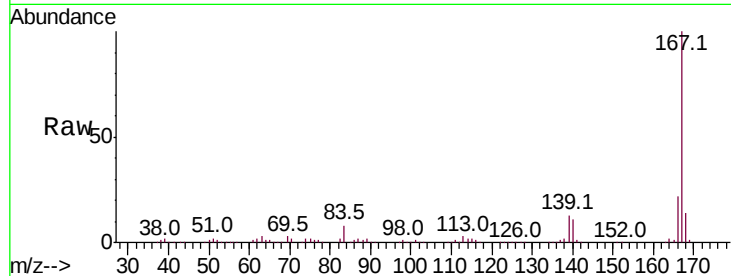




#73
 Carbazole
 Concen: 39.559 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

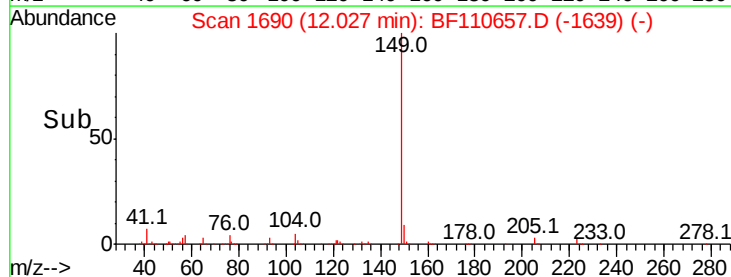
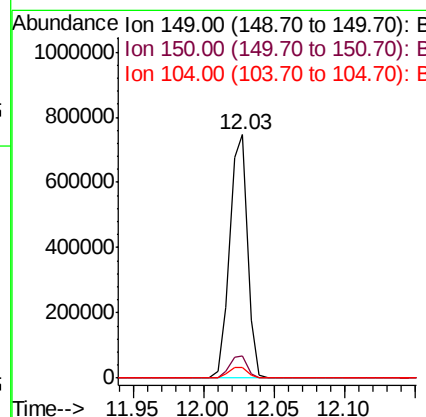
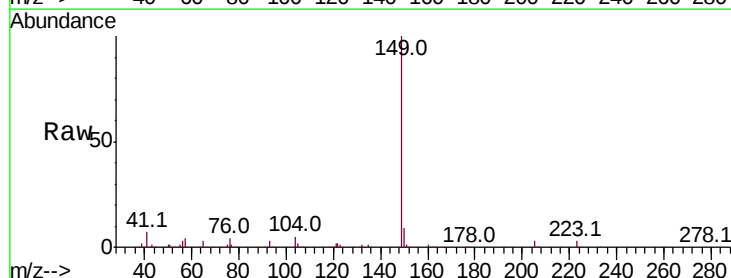
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

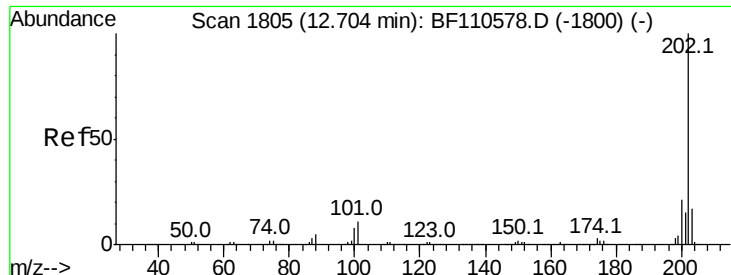
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.2	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 44.152 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110657.D
 Acq: 10 Nov 2018 5:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.6	4.2	6.4





#75

Fluoranthene

Concen: 38.171 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

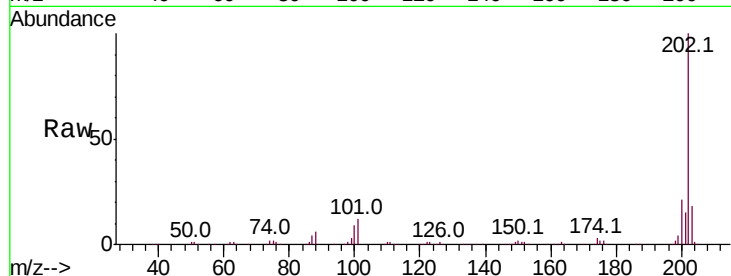
Tot Ion:202 Resp: 501593

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.4

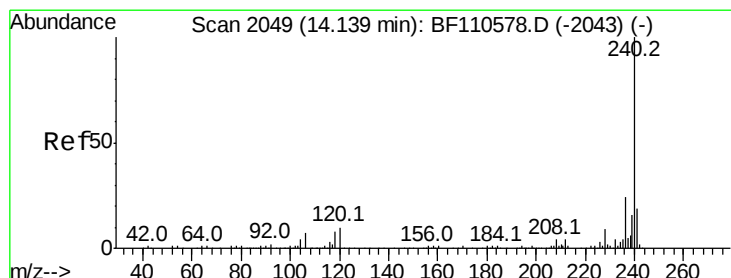
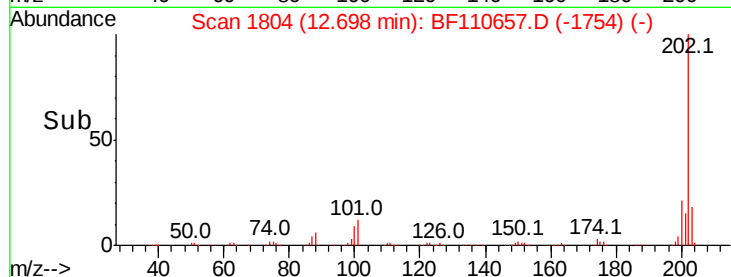
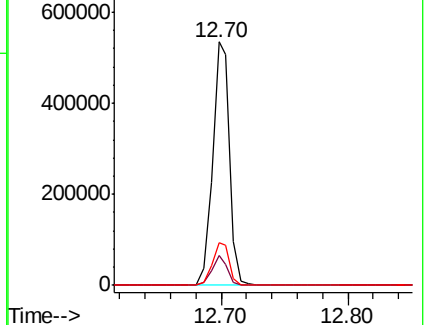
203 17.6 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

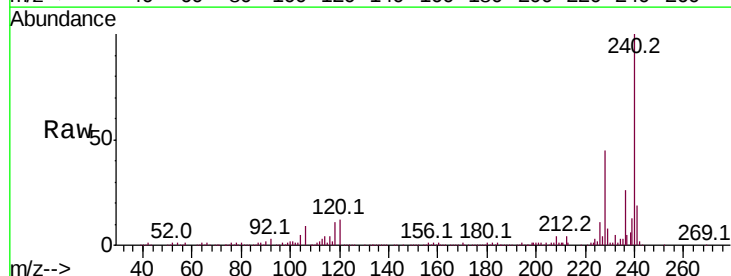
Tgt Ion:240 Resp: 185666

Ion Ratio Lower Upper

240 100

120 12.2 8.3 12.5

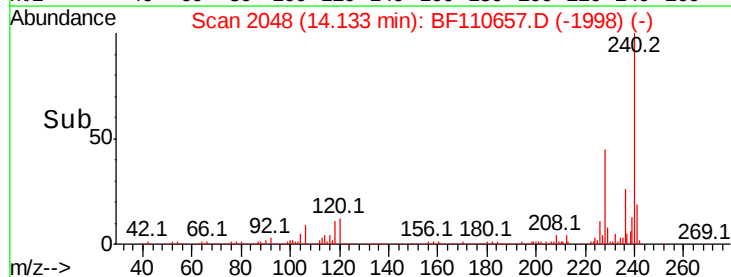
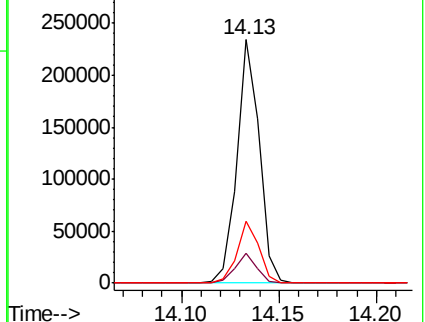
236 25.7 21.2 31.8

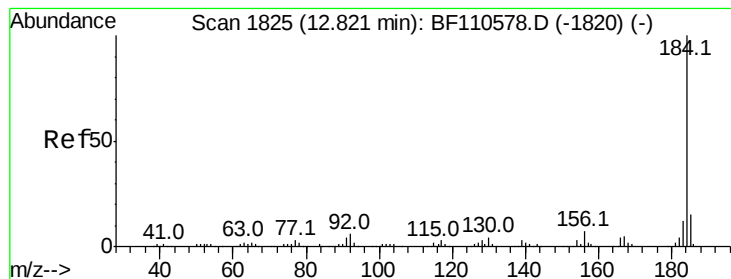


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.316 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

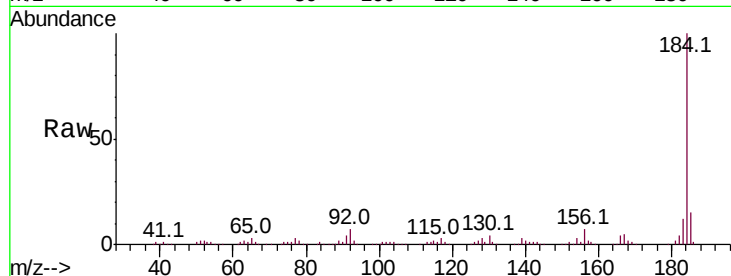
Tot Ion:184 Resp: 302859

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

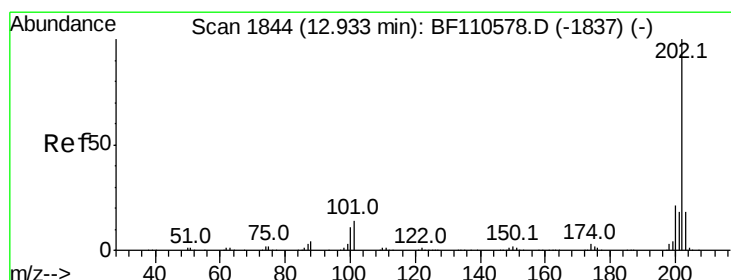
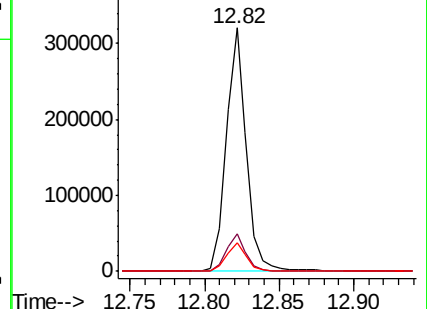
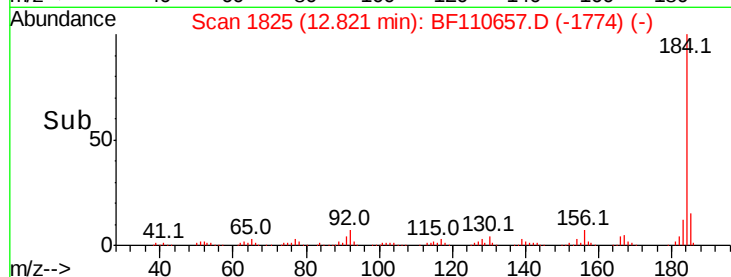
183 11.5 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.265 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

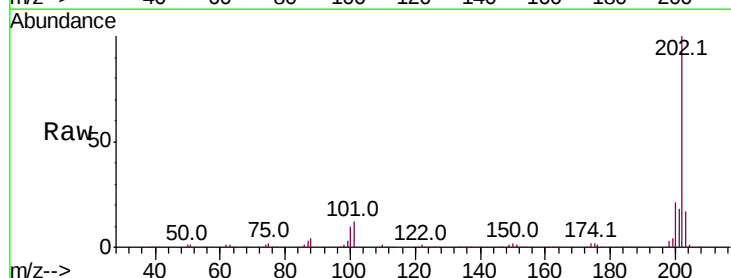
Tgt Ion:202 Resp: 518433

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

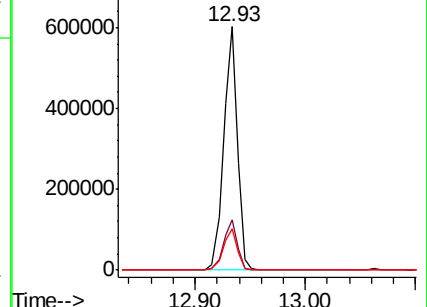
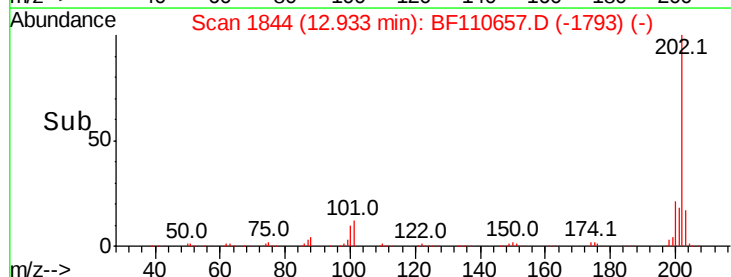
203 17.0 14.2 21.4

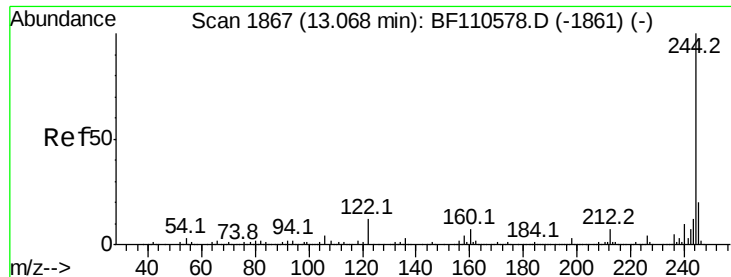


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.713 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

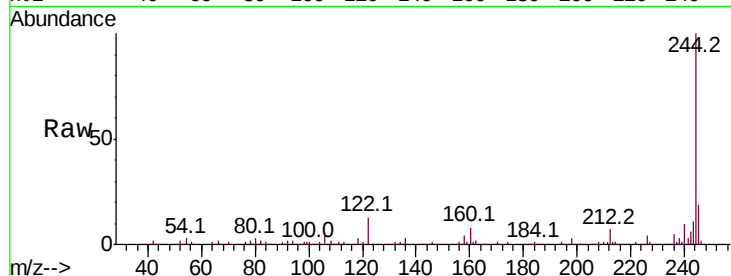
Tot Ion:244 Resp: 720882

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

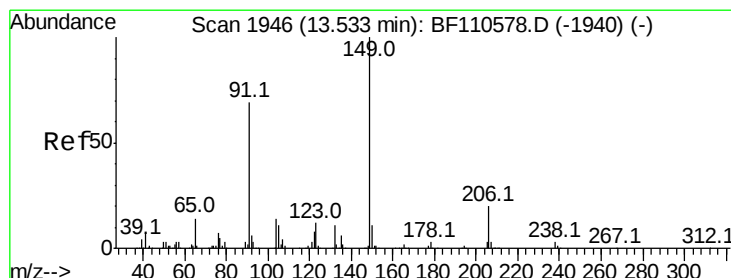
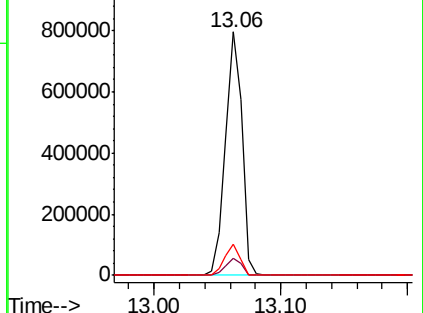
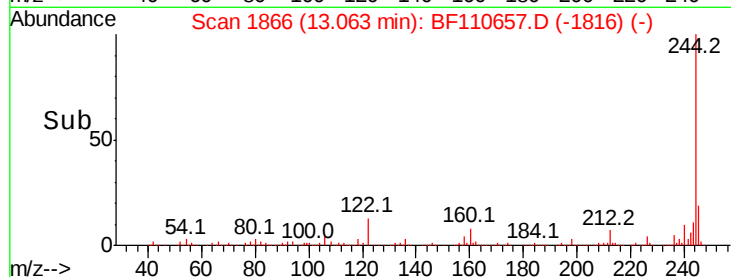
122 12.7 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.995 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

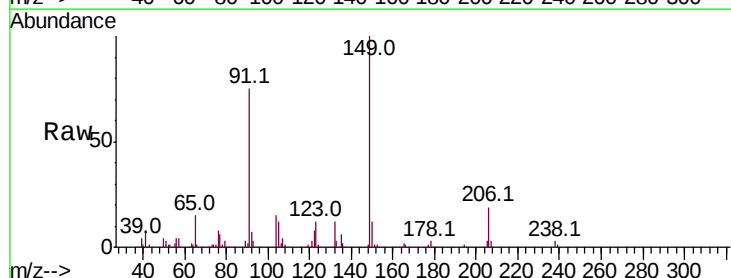
Tgt Ion:149 Resp: 246090

Ion Ratio Lower Upper

149 100

91 74.8 57.2 85.8

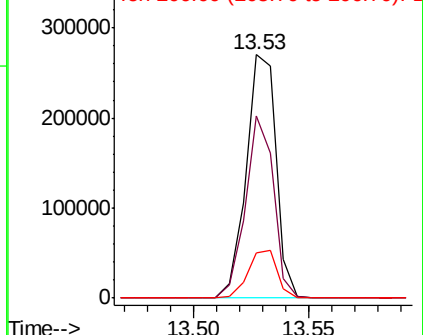
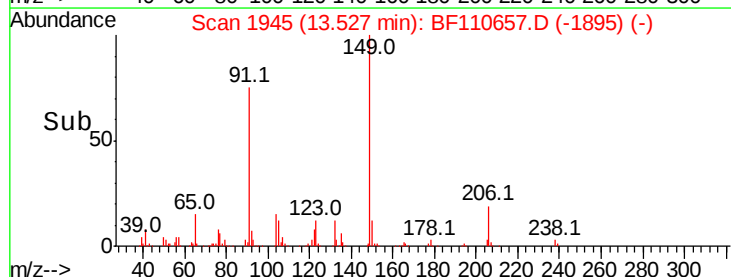
206 18.8 15.7 23.5

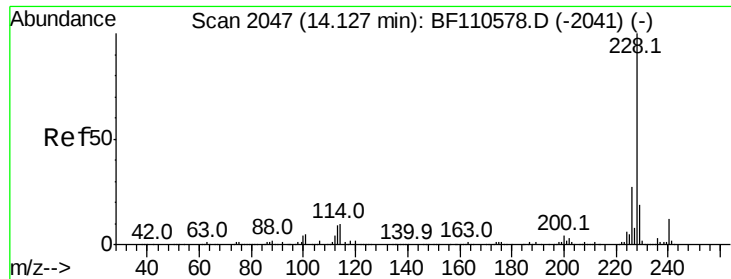


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.004 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

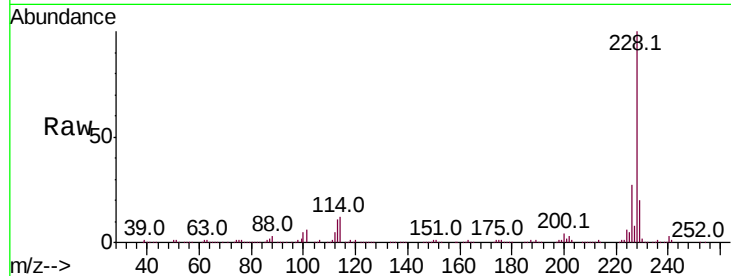
Tot Ion:228 Resp: 443941

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

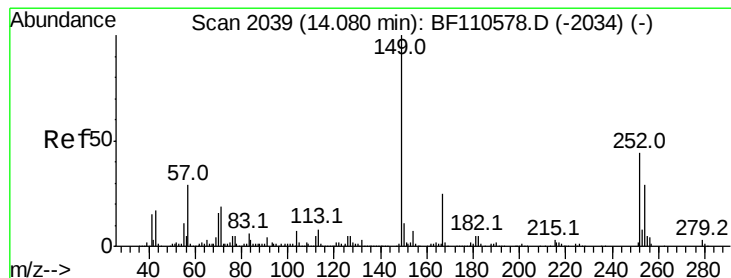
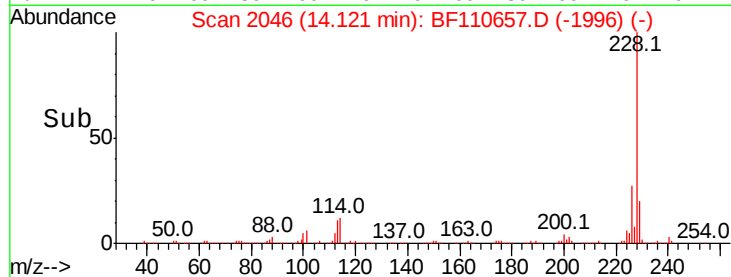
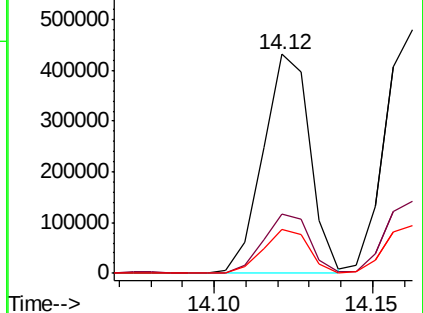
229 20.2 15.6 23.4



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: 46.542 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

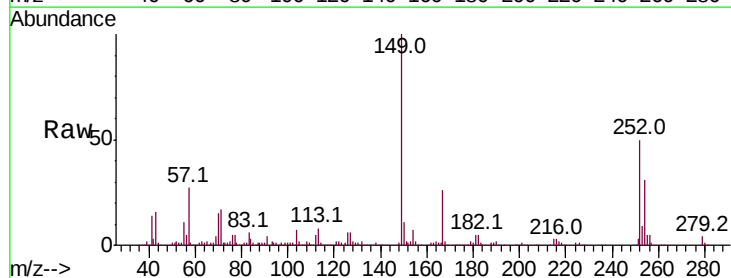
Tgt Ion:252 Resp: 173022

Ion Ratio Lower Upper

252 100

254 63.2 51.3 76.9

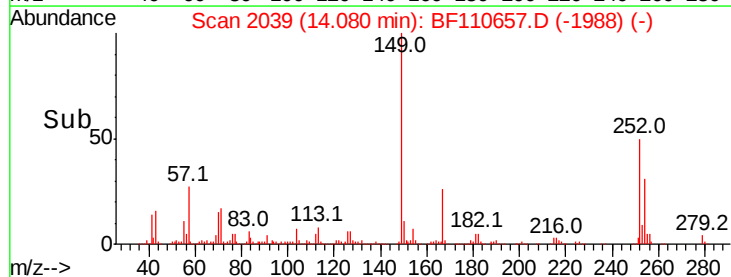
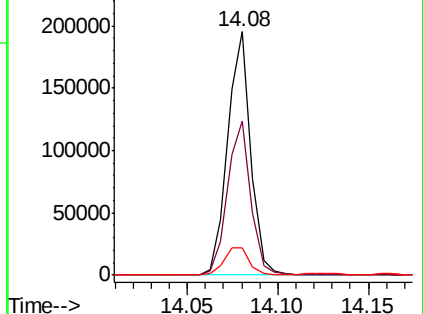
126 11.4 9.4 14.2

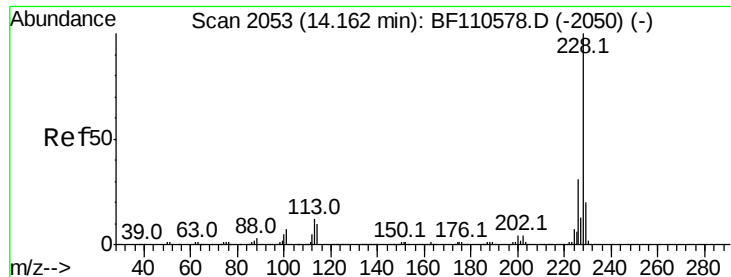


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.824 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

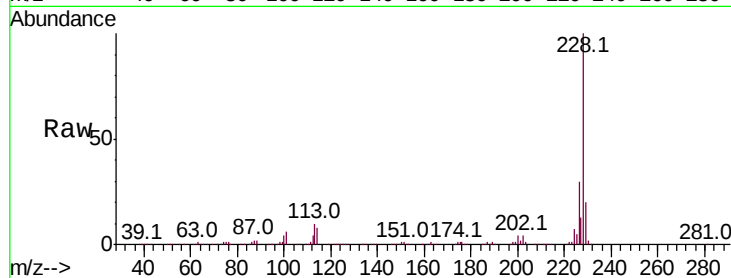
Tot Ion:228 Resp: 421047

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

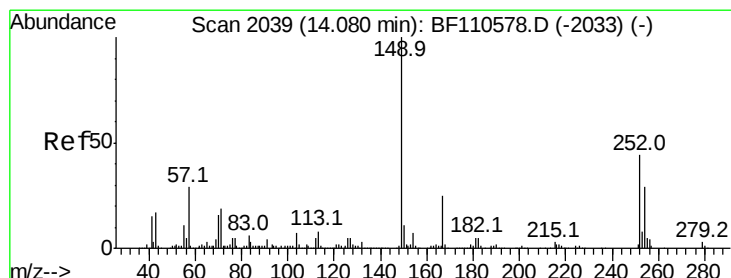
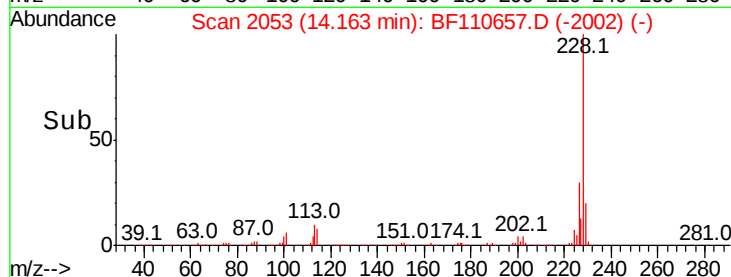
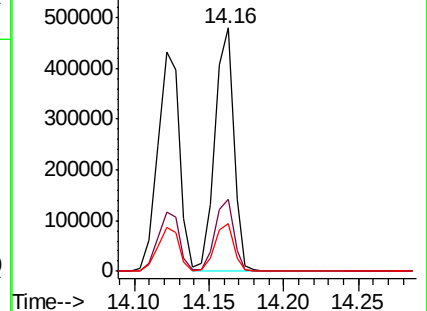
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.946 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

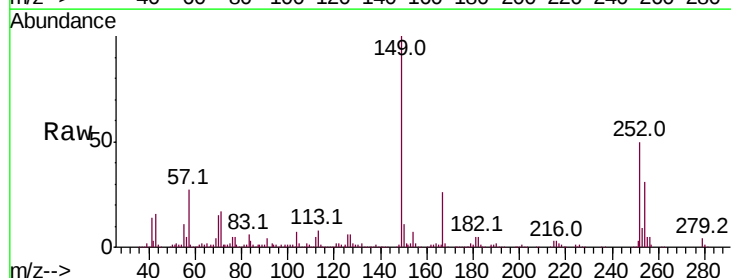
Tgt Ion:149 Resp: 327809

Ion Ratio Lower Upper

149 100

167 25.8 19.8 29.8

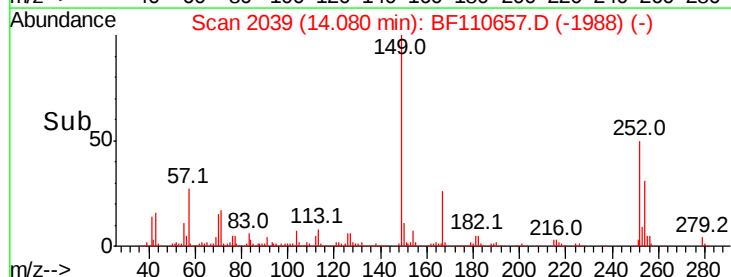
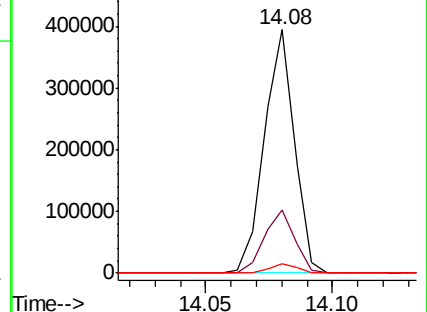
279 3.7 2.7 4.1

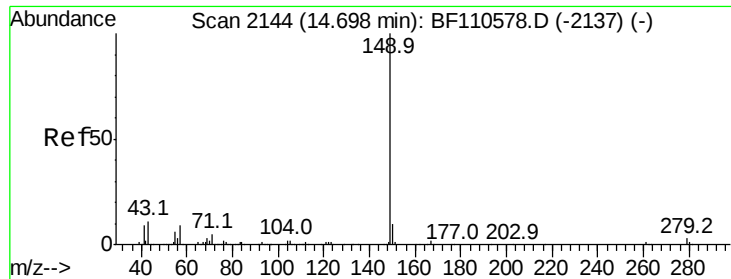


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.480 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

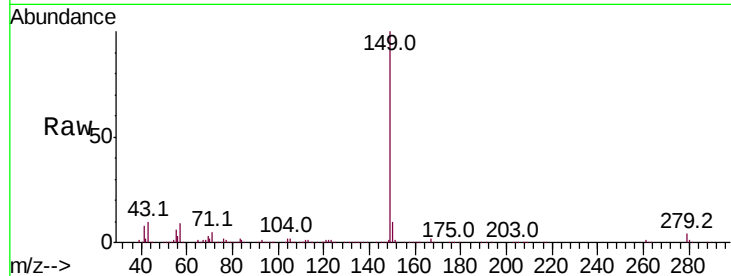
Tot Ion:149 Resp: 566615

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 10.5 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

800000

600000

400000

200000

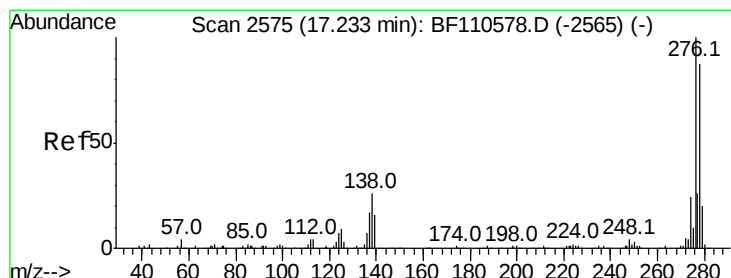
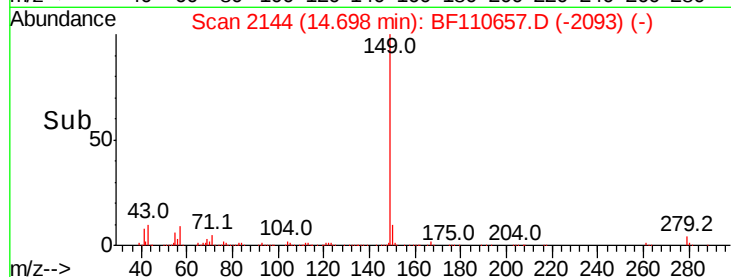
0

14.60

14.70

14.80

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.314 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

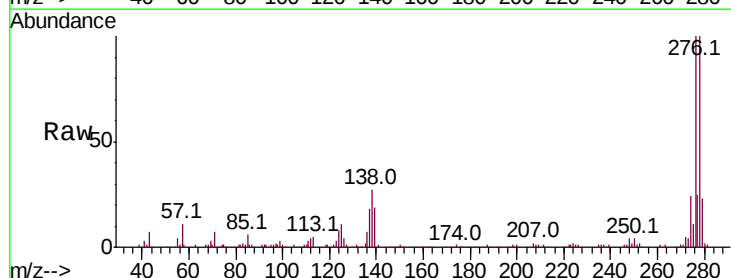
Tgt Ion:276 Resp: 290681

Ion Ratio Lower Upper

276 100

138 25.7 18.5 27.7

277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

150000

100000

50000

0

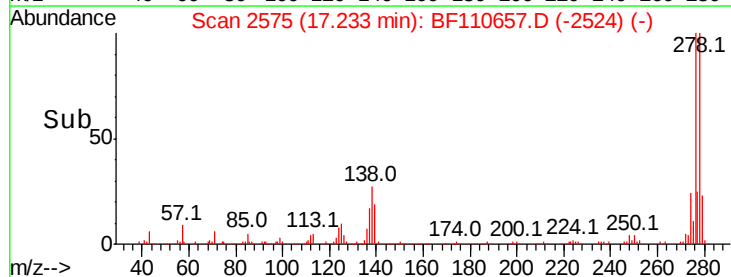
17.10

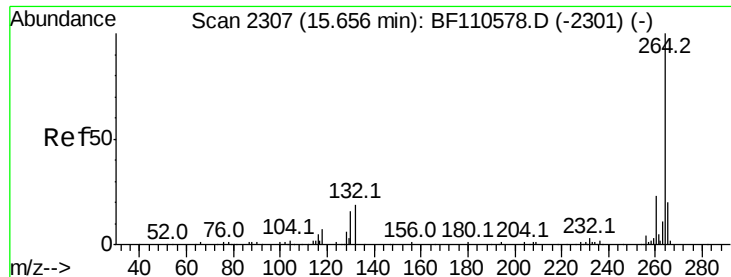
17.20

17.30

17.40

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

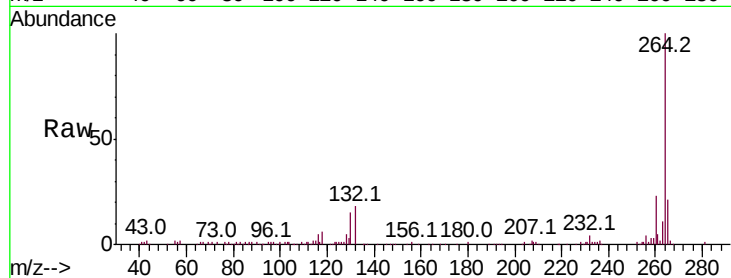
Tot Ion:264 Resp: 141760

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

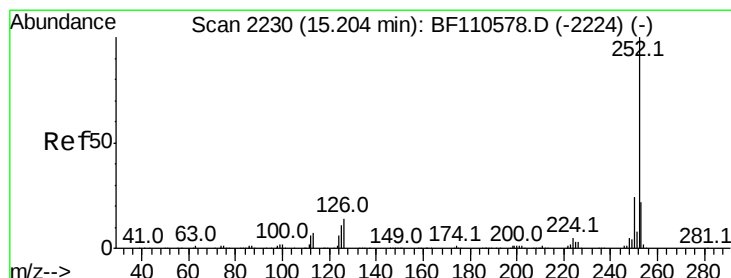
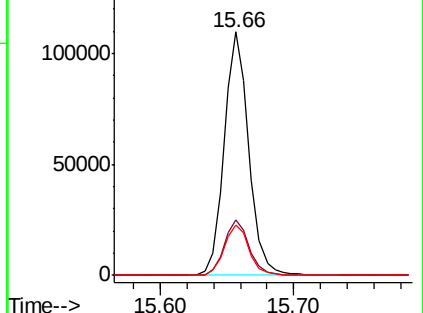
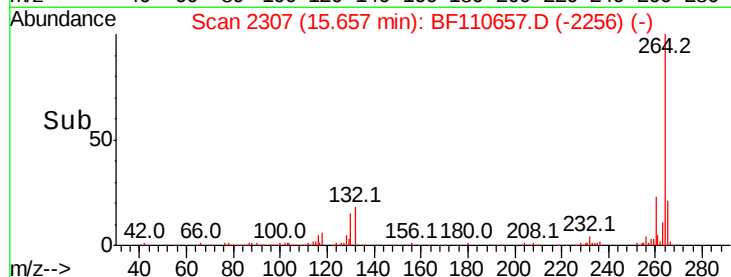
265 20.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.148 ng

RT: 15.20 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

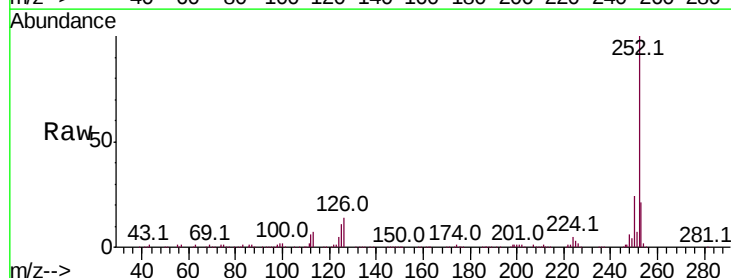
Tgt Ion:252 Resp: 331998

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

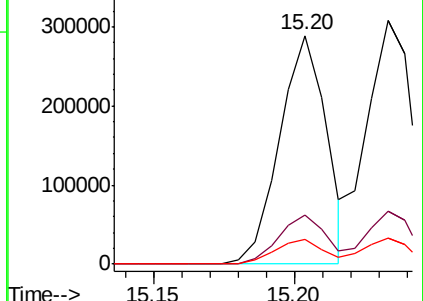
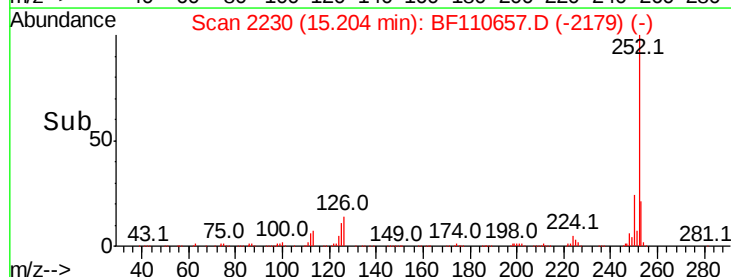
125 10.7 8.2 12.4

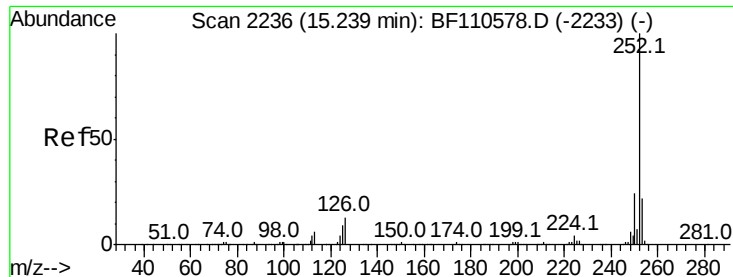


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

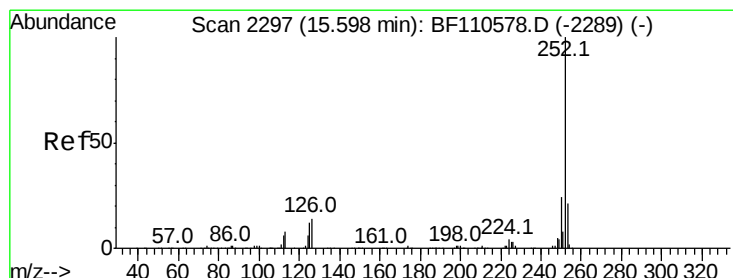
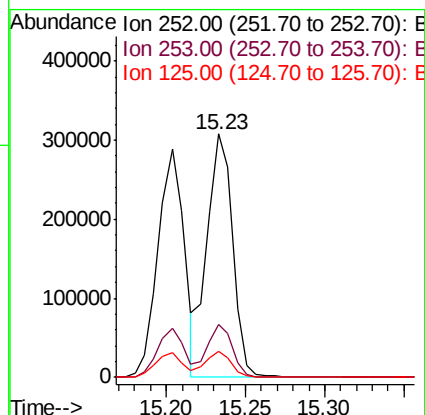
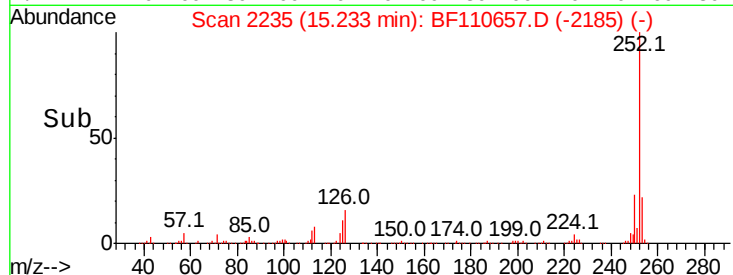
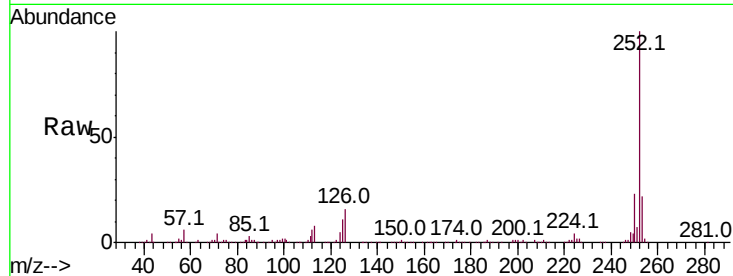




#89
Benzo(k)fluoranthene
Concen: 41.367 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

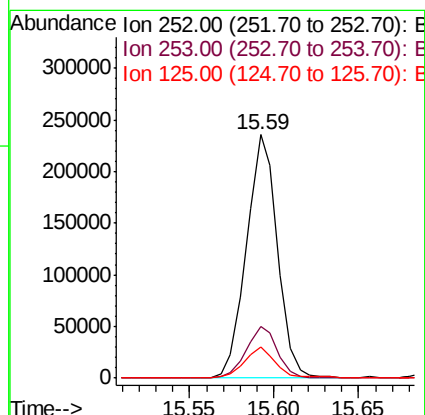
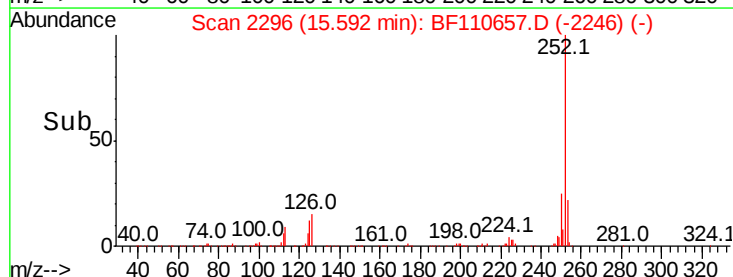
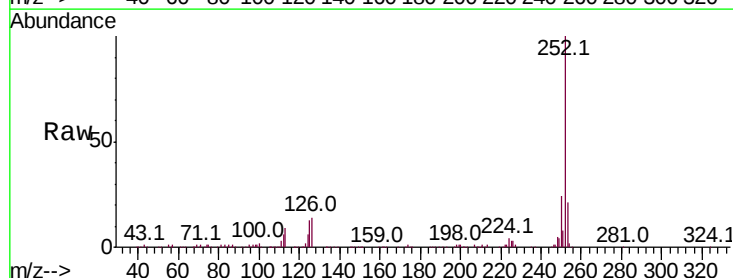
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

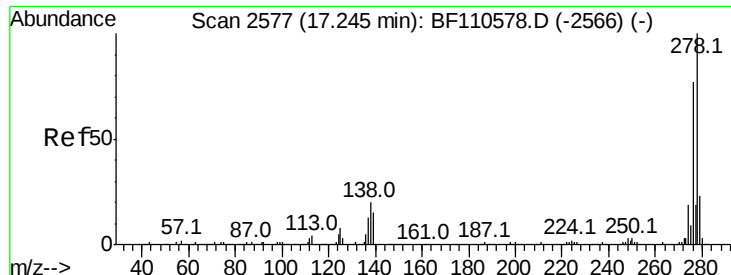
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.8	7.4	11.0



#90
Benzo(a)pyrene
Concen: 39.130 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110657.D
Acq: 10 Nov 2018 5:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	12.6	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 37.607 ng

RT: 17.24 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

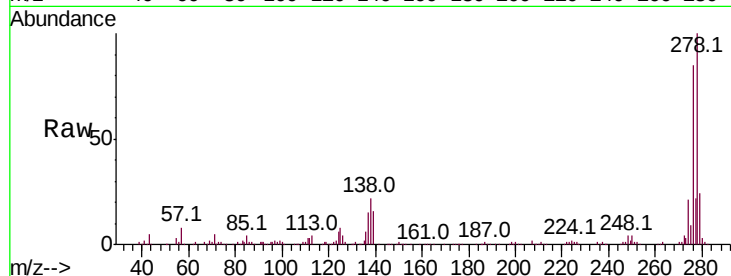
Tot Ion:278 Resp: 245215

Ion Ratio Lower Upper

278 100

139 15.6 12.7 19.1

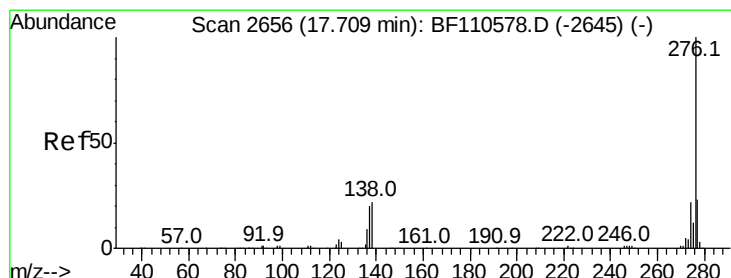
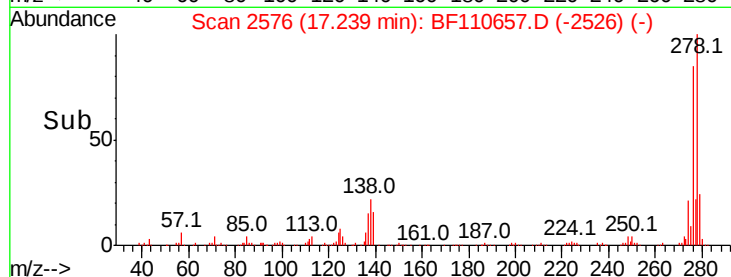
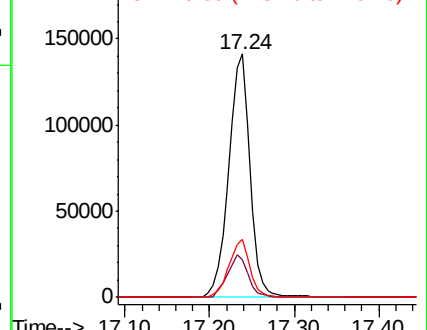
279 23.7 19.0 28.4



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: 36.657 ng

RT: 17.70 min Scan# 2655

Delta R.T. -0.01 min

Lab File: BF110657.D

Acq: 10 Nov 2018 5:20

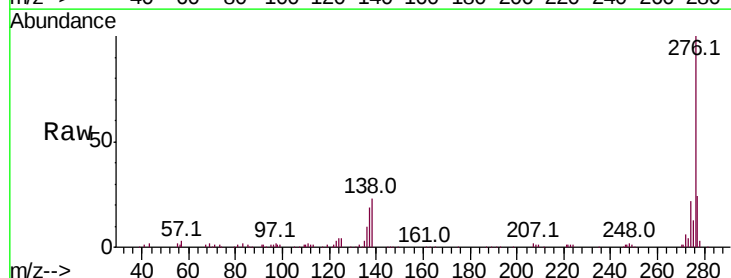
Tgt Ion:276 Resp: 237155

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 23.2 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

