

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110719.D
 Acq On : 13 Nov 2018 15:14
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 13 16:42:55 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	83510	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	358621	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	177837	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	329776	20.00	ng	0.00
76) Chrysene-d12	14.13	240	244348	20.00	ng	0.00
87) Perylene-d12	15.66	264	171882	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	419842	81.66	ng	0.00
7) Phenol-d6	6.57	99	531658	80.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	503576	80.87	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	143409	80.03	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	961433	77.21	ng	0.00
79) Terphenyl-d14	13.06	244	984497	75.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.77	88	101155	39.488	ng	89
3) Pyridine	3.56	79	213481	38.609	ng	# 82
4) n-Nitrosodimethylamine	3.53	42	99263	41.839	ng	88
6) Aniline	6.61	93	324935	37.899	ng	# 55
8) 2-Chlorophenol	6.73	128	245103	40.667	ng	98
9) Benzaldehyde	6.50	77	146125	41.896	ng	98
10) Phenol	6.59	94	305672	40.097	ng	# 64
11) bis(2-Chloroethyl)ether	6.68	93	225535	39.477	ng	94
12) 1,3-Dichlorobenzene	6.89	146	265699	40.291	ng	99
13) 1,4-Dichlorobenzene	6.96	146	266949	39.864	ng	98
14) 1,2-Dichlorobenzene	7.12	146	251559	40.382	ng	99
15) Benzyl Alcohol	7.09	79	210515	40.917	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	370619	41.309	ng	71
17) 2-Methylphenol	7.19	107	192508	40.134	ng	# 83
18) Hexachloroethane	7.45	117	99821	40.378	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	173802	41.415	ng	95
20) 3+4-Methylphenols	7.35	107	252351	40.983	ng	94
22) Acetophenone	7.36	105	338416	40.491	ng	97
24) Nitrobenzene	7.53	77	255598	40.061	ng	92
25) Isophorone	7.76	82	423303	41.474	ng	98
26) 2-Nitrophenol	7.85	139	129092	40.558	ng	99
27) 2,4-Dimethylphenol	7.87	122	197233	40.688	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	284608	41.185	ng	99
29) 2,4-Dichlorophenol	8.09	162	205250	41.151	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	225036	40.016	ng	96
31) Naphthalene	8.25	128	677298	40.231	ng	99
32) Benzoic acid	8.01	122	146249	42.641	ng	95
33) 4-Chloroaniline	8.30	127	295962	38.811	ng	99
34) Hexachlorobutadiene	8.36	225	128469	39.995	ng	100
35) Caprolactam	8.68	113	70005	42.009	ng	# 84
36) 4-Chloro-3-methylphenol	8.78	107	226662	42.136	ng	95
37) 2-Methylnaphthalene	8.94	142	446700	40.475	ng	99
38) 1-Methylnaphthalene	9.04	142	429147	40.433	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	220357	39.145	ng	99

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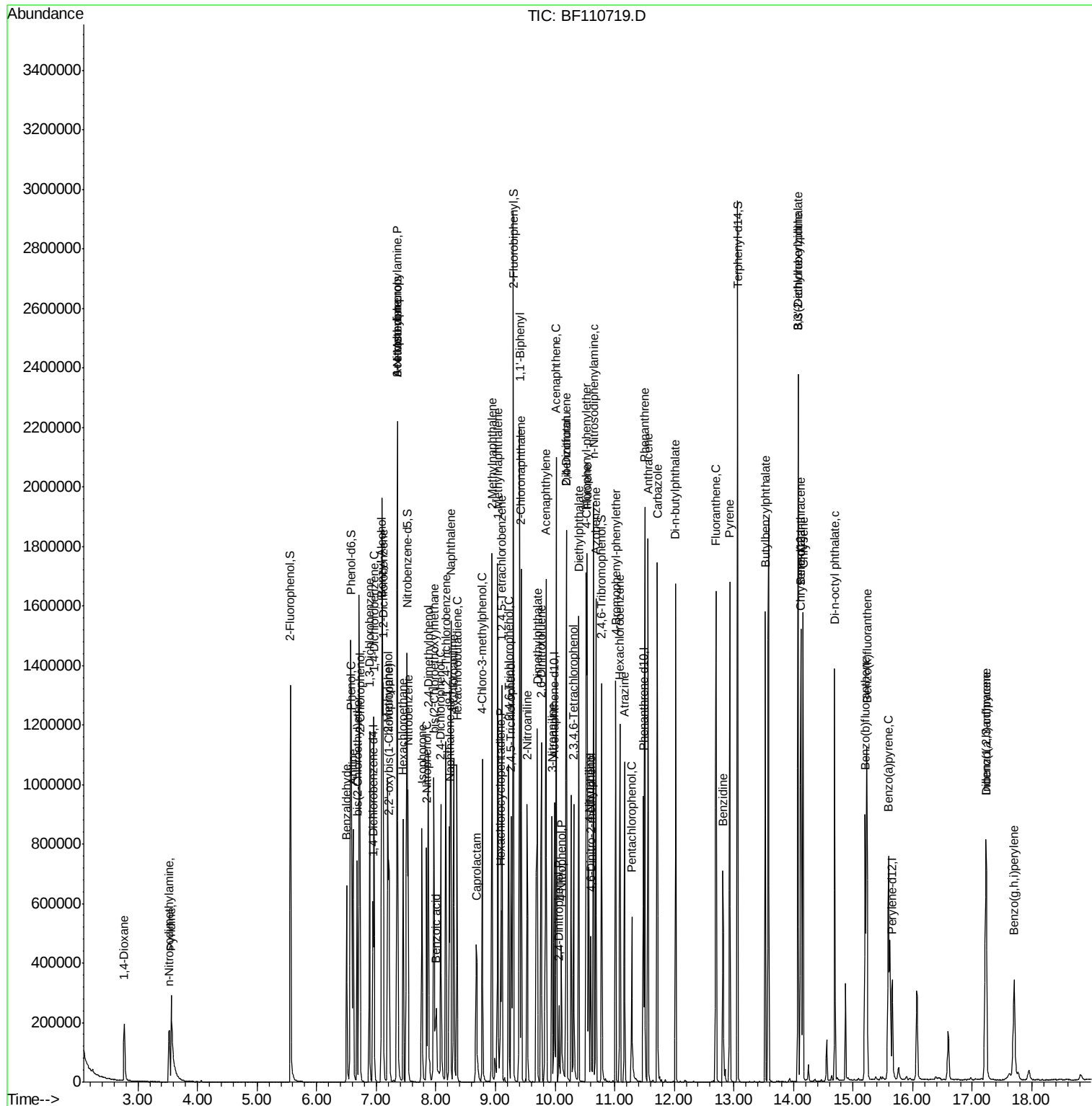
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	78203	39.865	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	140431	39.699	ng	96
44) 2,4,5-Trichlorophenol	9.26	196	149149	39.527	ng	95
46) 1,1'-Biphenyl	9.40	154	649999	39.181	ng	100
47) 2-Chloronaphthalene	9.43	162	471425	39.444	ng	99
48) 2-Nitroaniline	9.53	65	149654	40.633	ng	98
49) Acenaphthylene	9.85	152	682809	39.670	ng	99
50) Dimethylphthalate	9.70	163	521477	39.298	ng	99
51) 2,6-Dinitrotoluene	9.77	165	116695	39.977	ng	97
52) Acenaphthene	10.02	154	424498	39.025	ng	98
53) 3-Nitroaniline	9.95	138	134987	39.915	ng	92
54) 2,4-Dinitrophenol	10.06	184	34941	32.984	ng	92
55) Dibenzofuran	10.19	168	625465	39.302	ng	99
56) 4-Nitrophenol	10.10	139	84524	37.673	ng	95
57) 2,4-Dinitrotoluene	10.19	165	151114	39.815	ng	96
58) Fluorene	10.54	166	484655	39.648	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	121068	40.786	ng	94
60) Diethylphthalate	10.40	149	511412	38.956	ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	251947	39.807	ng	96
62) 4-Nitroaniline	10.57	138	135803	39.877	ng	94
63) Azobenzene	10.69	77	519565	40.565	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	60908	36.647	ng	94
66) n-Nitrosodiphenylamine	10.65	169	446285	40.149	ng	96
67) 4-Bromophenyl-phenylether	11.02	248	148475	40.737	ng	93
68) Hexachlorobenzene	11.09	284	154896	40.310	ng	# 88
69) Atrazine	11.17	200	127143	37.409	ng	97
70) Pentachlorophenol	11.29	266	79951	38.993	ng	98
71) Phenanthrene	11.50	178	701292	39.693	ng	100
72) Anthracene	11.56	178	705113	39.563	ng	99
73) Carbazole	11.72	167	686345	40.099	ng	99
74) Di-n-butylphthalate	12.02	149	810961	40.404	ng	99
75) Fluoranthene	12.70	202	713433	40.277	ng	99
77) Benzidine	12.82	184	278125	41.390	ng	99
78) Pyrene	12.93	202	729815	38.791	ng	97
80) Butylbenzylphthalate	13.53	149	325832	40.237	ng	99
81) Benzo(a)anthracene	14.12	228	578618	39.618	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	189393	38.710	ng	98
83) Chrysene	14.16	228	549440	39.488	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	420840	41.893	ng	98
85) Di-n-octyl phthalate	14.69	149	646569	43.769	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	382241	38.283	ng	97
88) Benzo(b)fluoranthene	15.20	252	416317	40.488	ng	99
89) Benzo(k)fluoranthene	15.23	252	414137	40.760	ng	98
90) Benzo(a)pyrene	15.59	252	379058	40.574	ng	99
91) Dibenzo(a,h)anthracene	17.23	278	314687	39.803	ng	99
92) Benzo(g,h,i)perylene	17.70	276	314814	40.133	ng	98

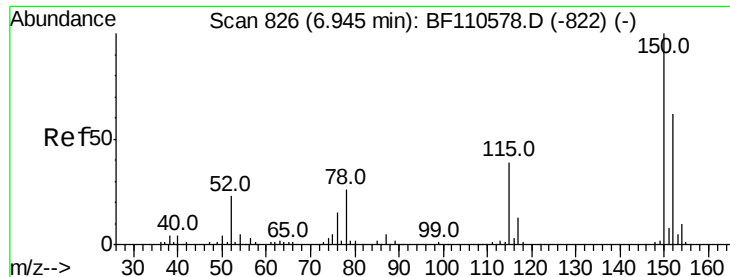
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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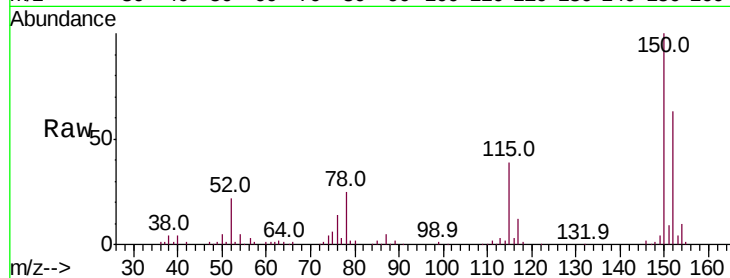


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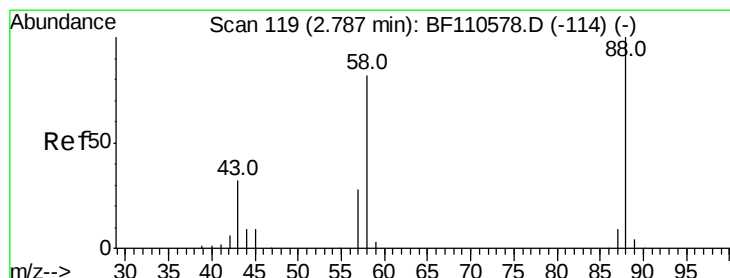
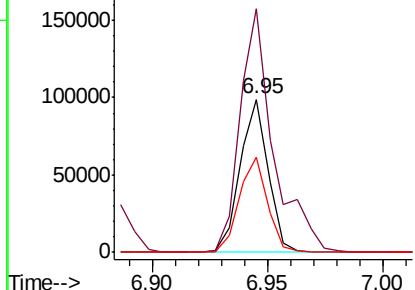
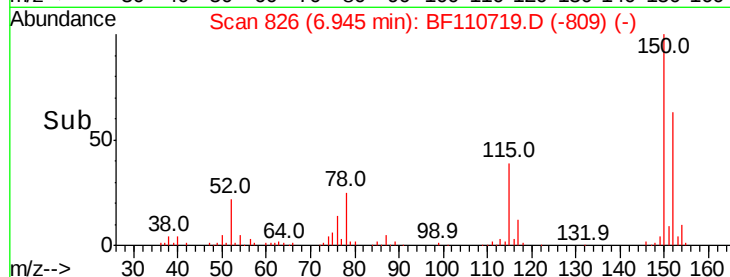
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 83510
Ion Ratio Lower Upper
152 100
150 159.1 122.7 184.1
115 62.1 49.1 73.7



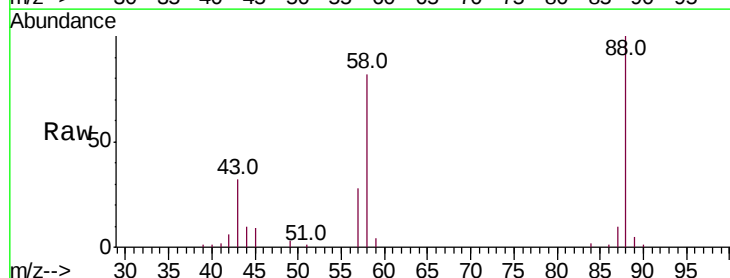
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



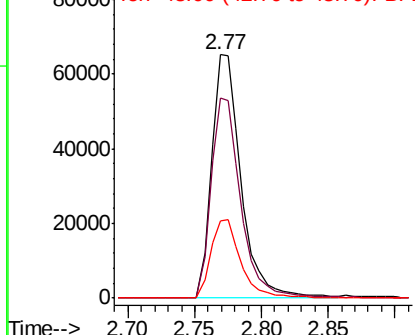
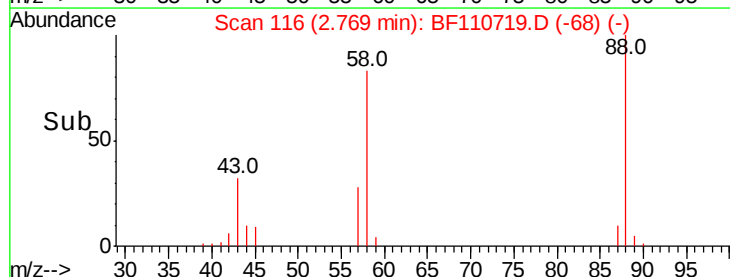
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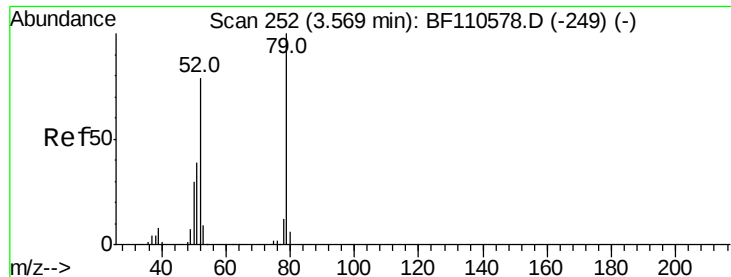
1,4-Dioxane
Concen: 39.488 ng
RT: 2.77 min Scan# 116
Delta R.T. -0.02 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion: 88 Resp: 101155
Ion Ratio Lower Upper
88 100
58 82.6 57.1 85.7
43 32.5 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: 38.609 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

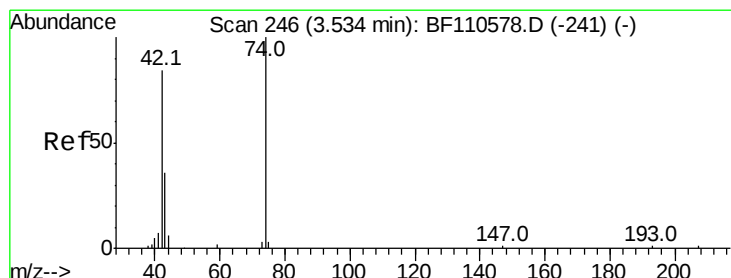
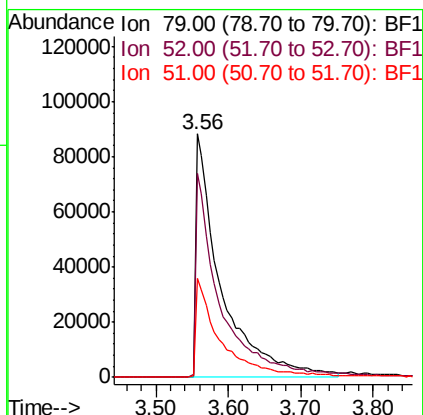
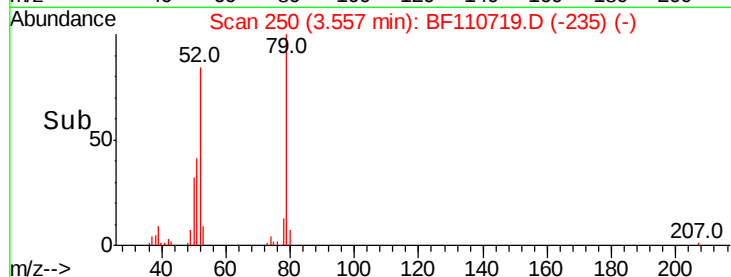
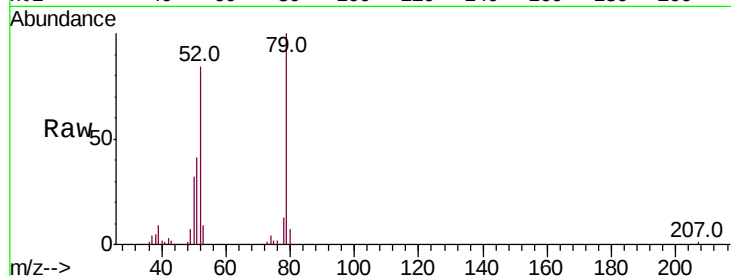
Tot Ion: 79 Resp: 213481

Ion Ratio Lower Upper

79 100

52 83.9 53.1 79.7#

51 40.6 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 41.839 ng

RT: 3.53 min Scan# 245

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

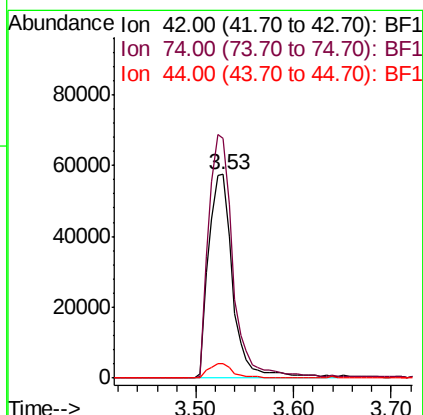
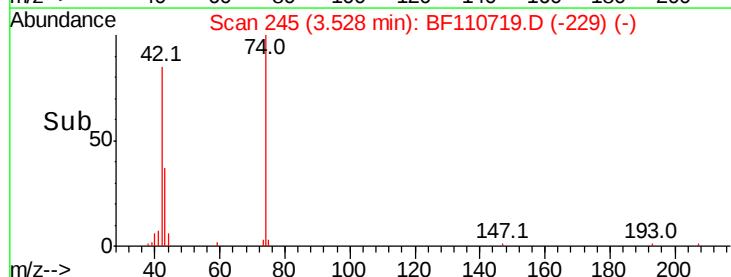
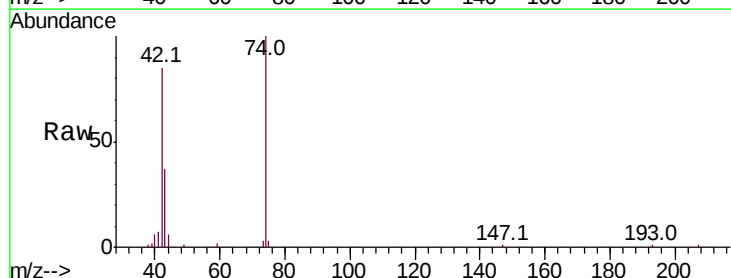
Tgt Ion: 42 Resp: 99263

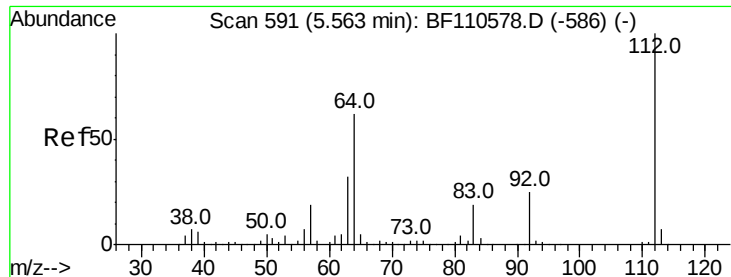
Ion Ratio Lower Upper

42 100

74 117.8 105.5 158.3

44 6.9 4.9 7.3





#5

2-Fluorophenol

Concen: 81.662 ng

RT: 5.56 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

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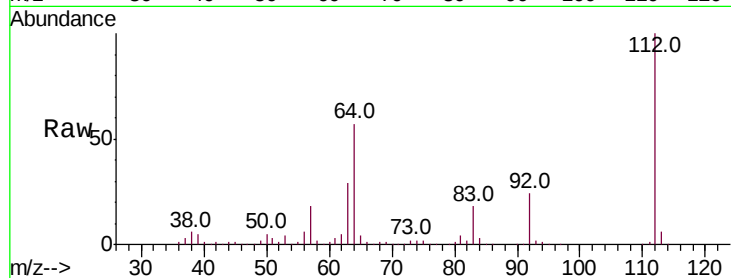
Tot Ion:112 Resp: 419842

Ion Ratio Lower Upper

112 100

64 57.3 44.1 66.1

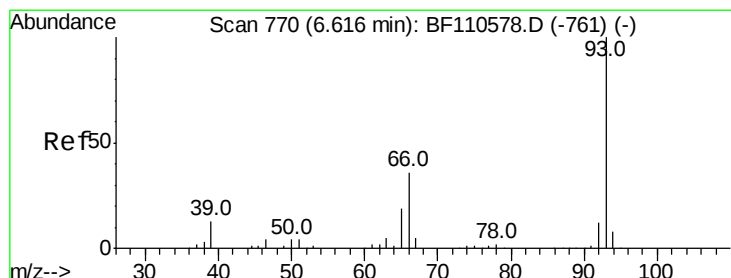
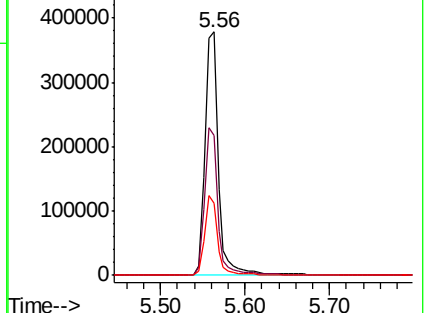
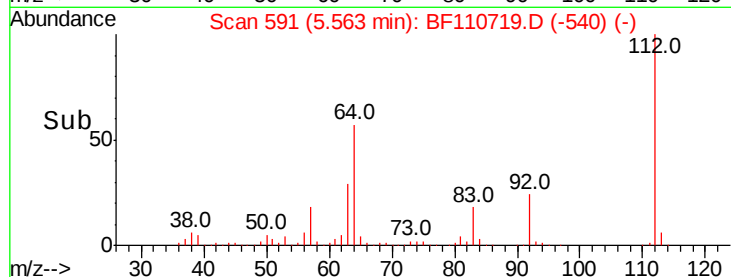
63 29.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.899 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

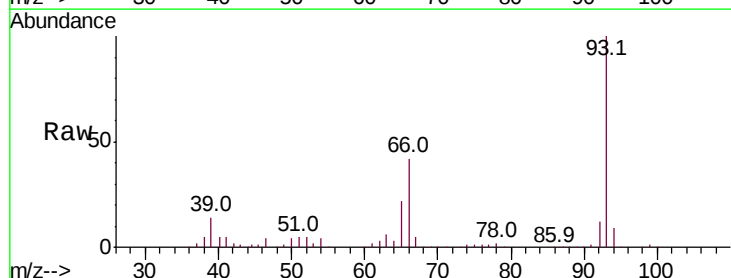
Tgt Ion: 93 Resp: 324935

Ion Ratio Lower Upper

93 100

66 41.6 67.4 101.0#

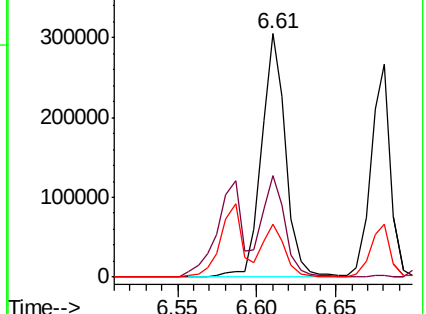
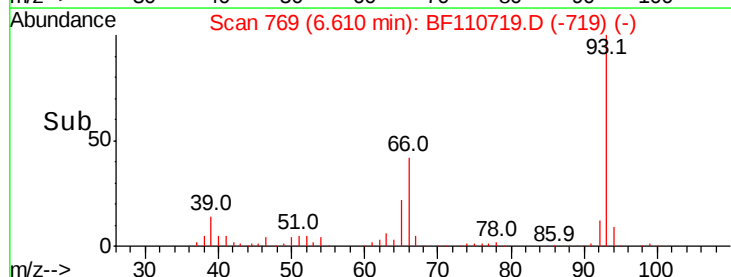
65 21.6 41.0 61.4#

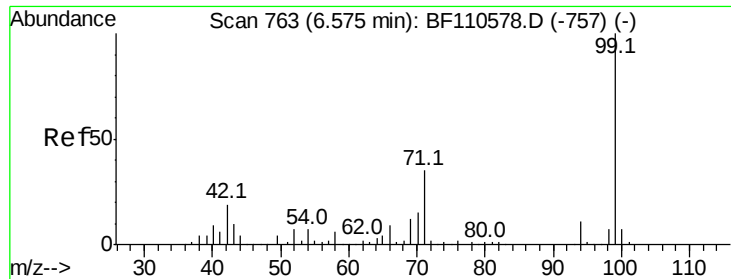


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.868 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

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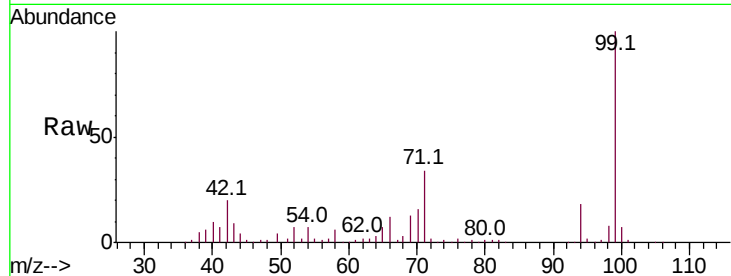
Tot Ion: 99 Resp: 531658

Ion Ratio Lower Upper

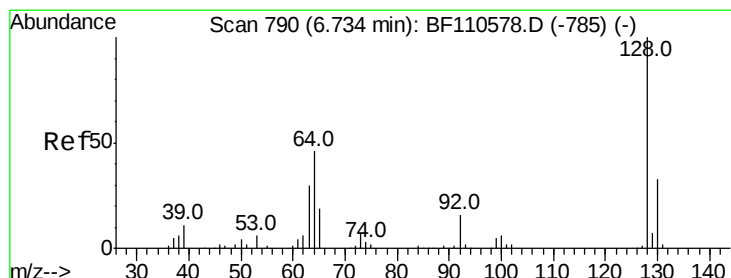
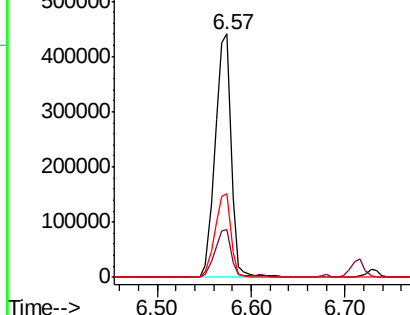
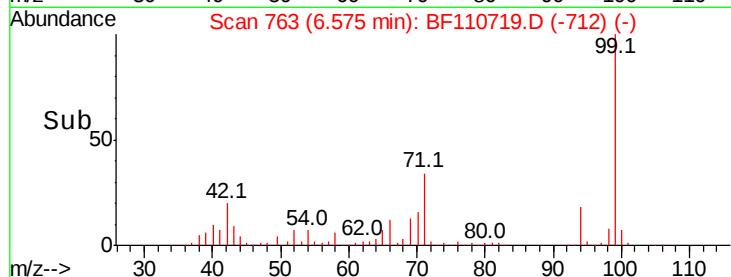
99 100

42 19.6 15.8 23.6

71 34.3 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: 40.667 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

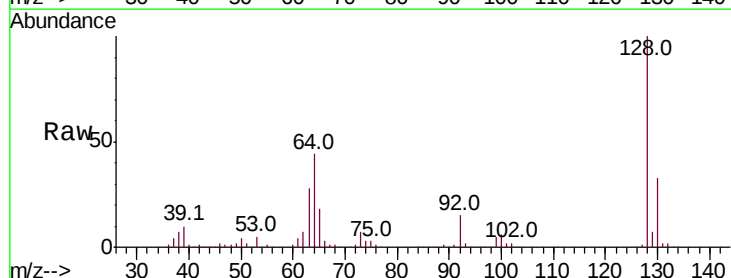
Tgt Ion: 128 Resp: 245103

Ion Ratio Lower Upper

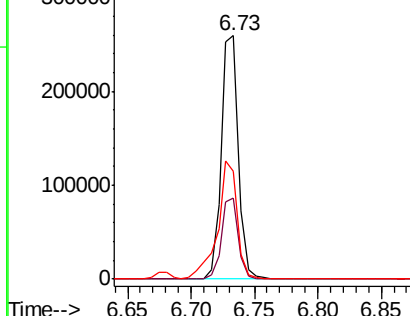
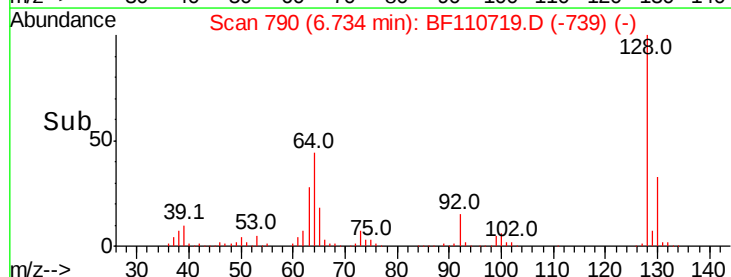
128 100

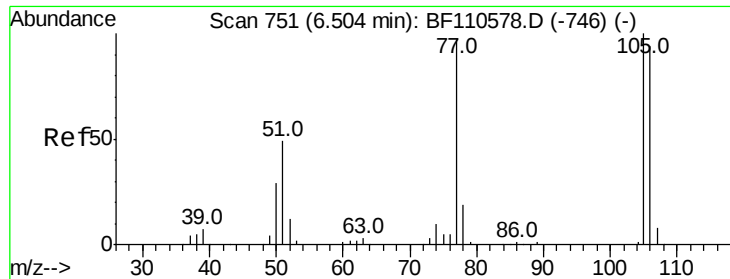
130 33.3 13.1 53.1

64 44.1 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: 41.896 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

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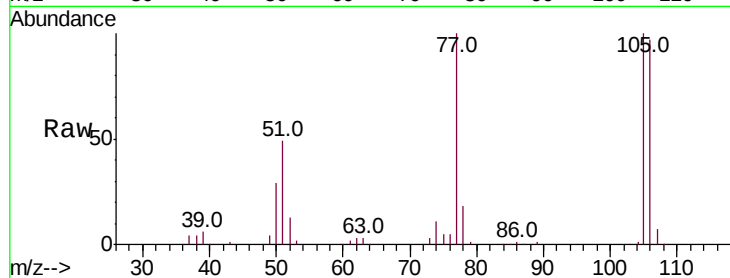
Tot Ion: 77 Resp: 146125

Ion Ratio Lower Upper

77 100

105 100.5 78.6 118.6

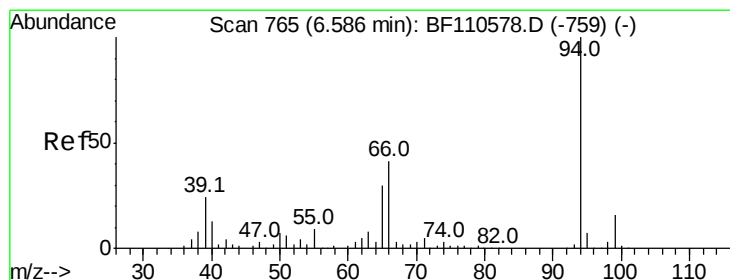
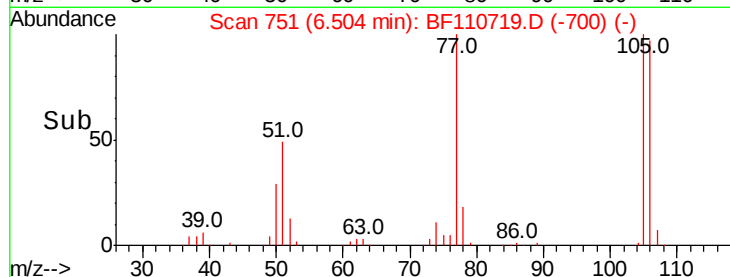
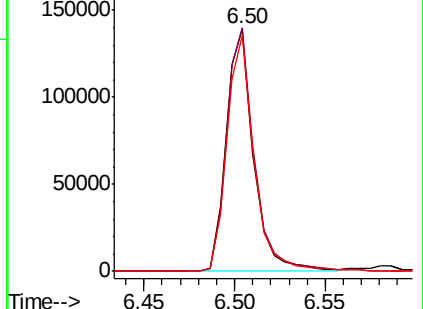
106 97.2 74.8 114.8



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: 40.097 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

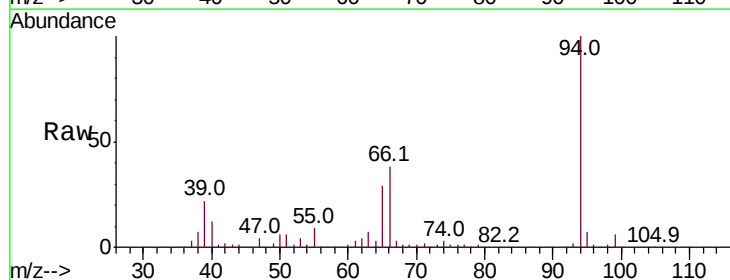
Tgt Ion: 94 Resp: 305672

Ion Ratio Lower Upper

94 100

65 29.1 25.3 65.3

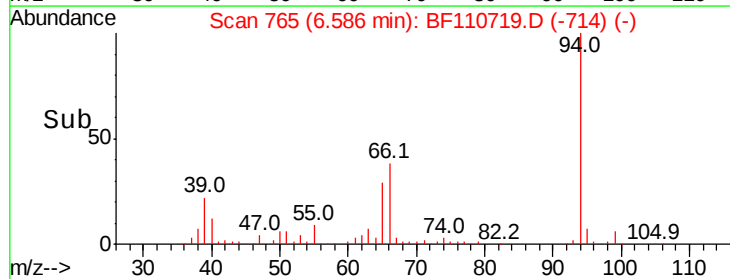
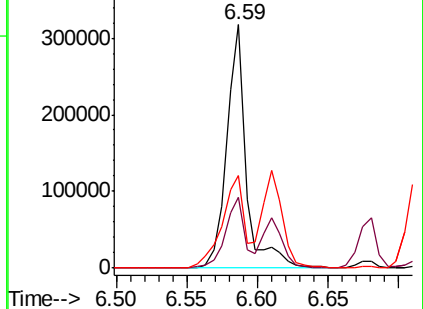
66 38.3 54.5 94.5#

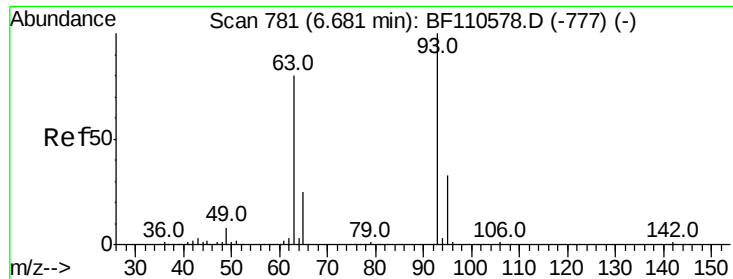


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

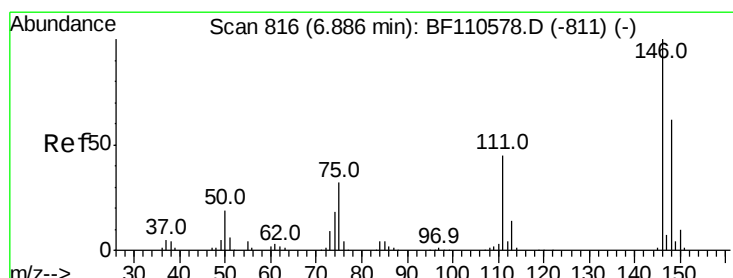
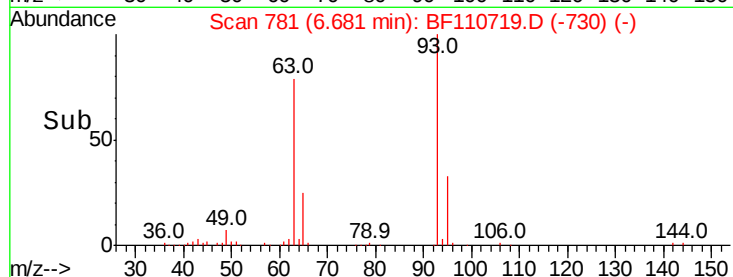
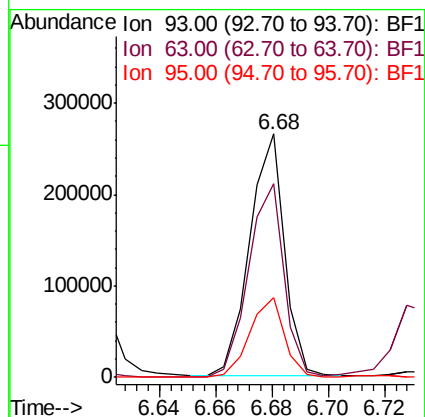
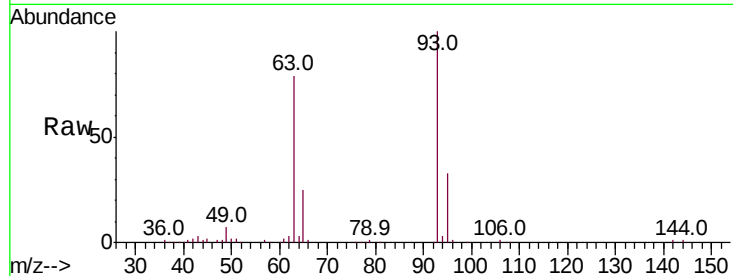




#11
bis(2-Chloroethyl)ether
Concen: 39.477 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

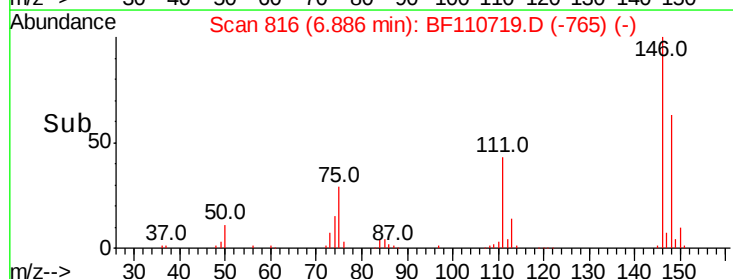
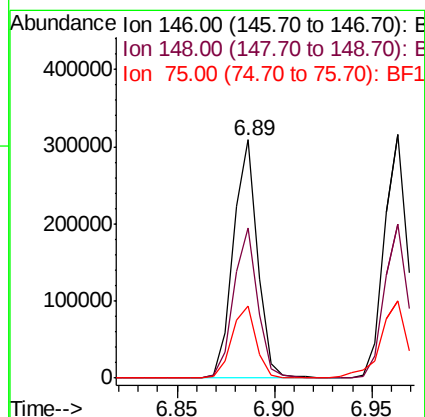
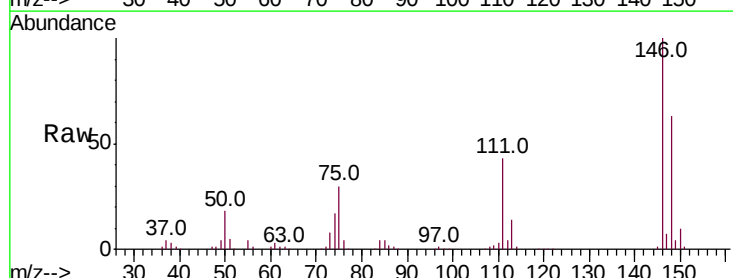
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

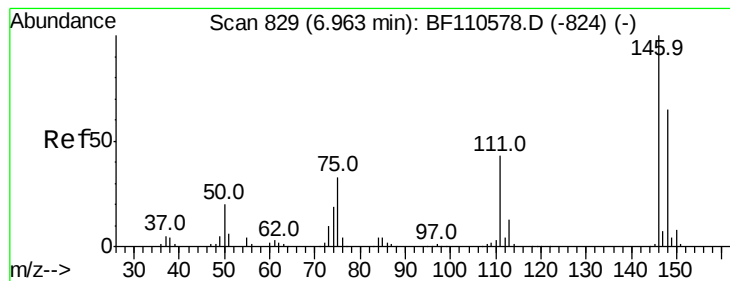
Tot Ion:	93	Resp:	225535
Ion	Ratio	Lower	Upper
93	100		
63	79.5	53.4	93.4
95	33.0	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 40.291 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion:	146	Resp:	265699
Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
75	30.0	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 39.864 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

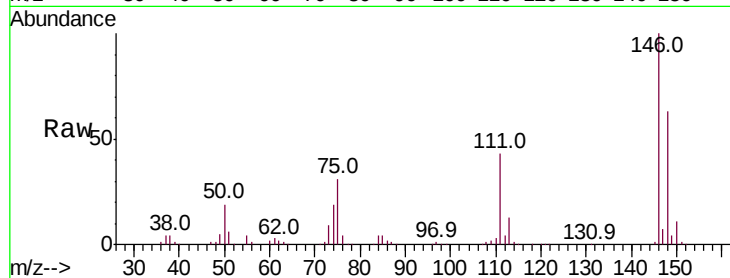
Tot Ion:146 Resp: 266949

Ion Ratio Lower Upper

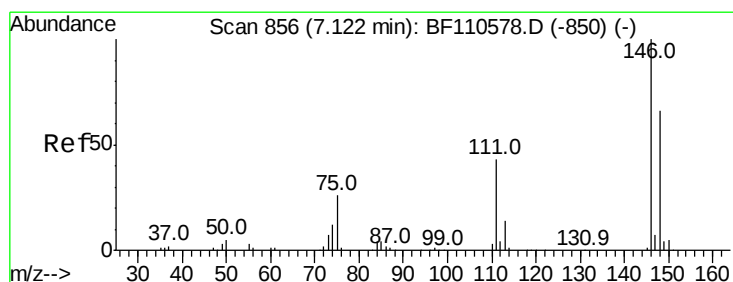
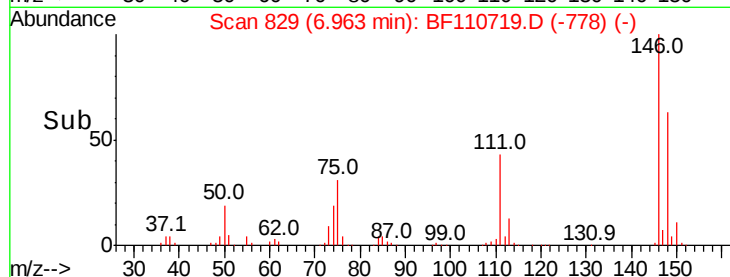
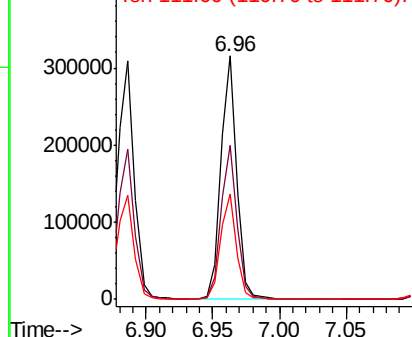
146 100

148 63.5 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: 40.382 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

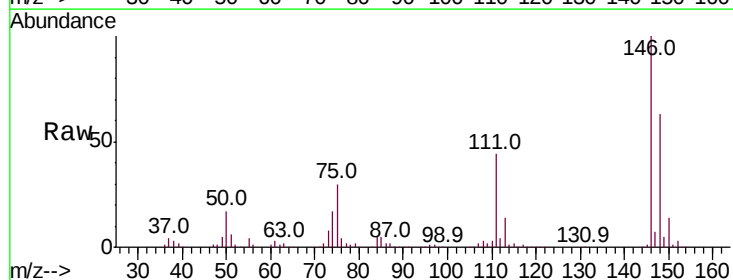
Tgt Ion:146 Resp: 251559

Ion Ratio Lower Upper

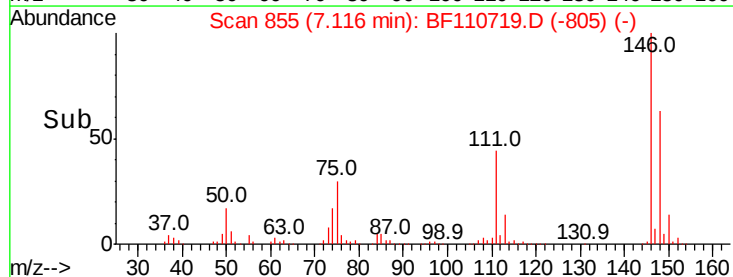
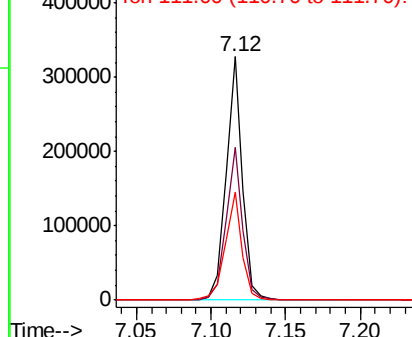
146 100

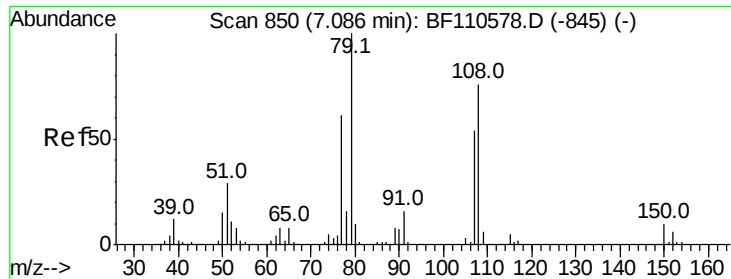
148 62.7 51.1 76.7

111 44.4 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: 40.917 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

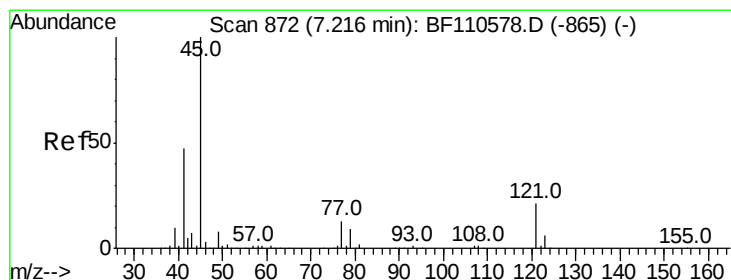
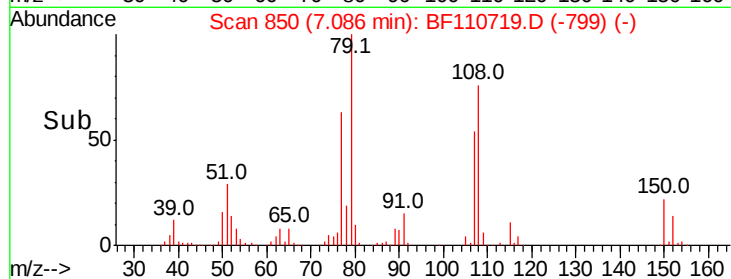
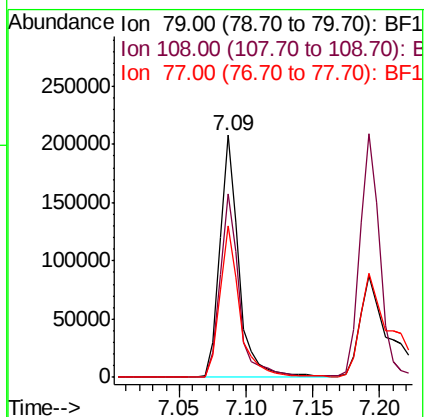
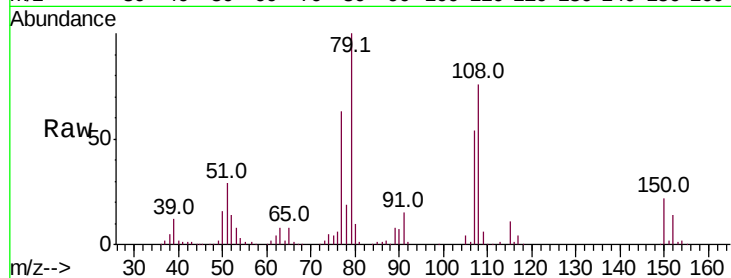
Tot Ion: 79 Resp: 210515

Ion Ratio Lower Upper

79 100

108 75.9 56.3 84.5

77 62.7 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.309 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

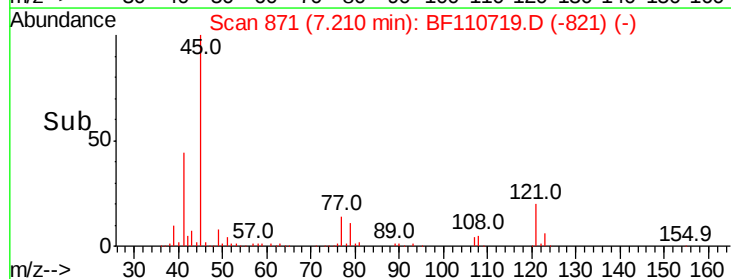
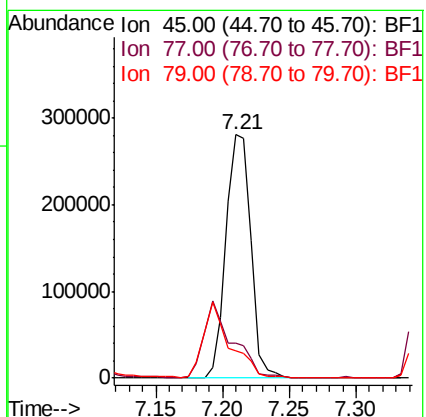
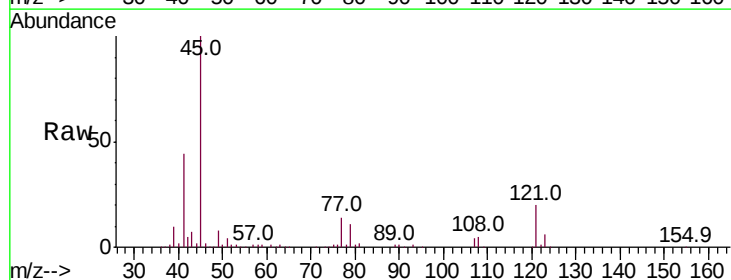
Tgt Ion: 45 Resp: 370619

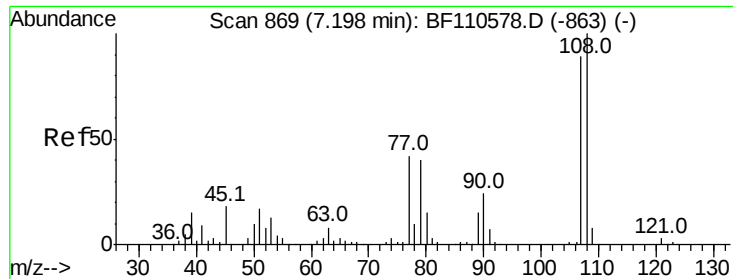
Ion Ratio Lower Upper

45 100

77 14.1 10.0 50.0

79 11.3 6.1 46.1

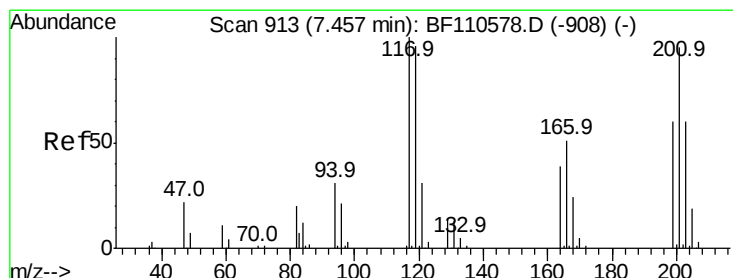
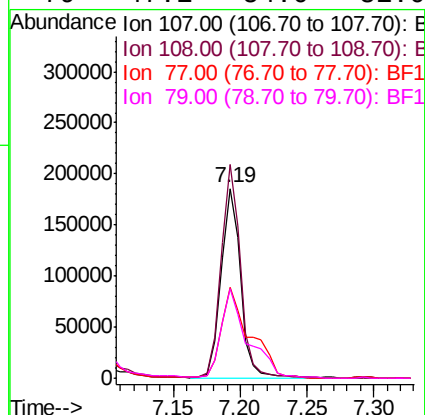
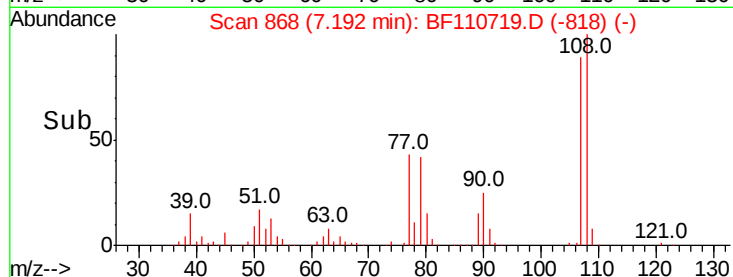
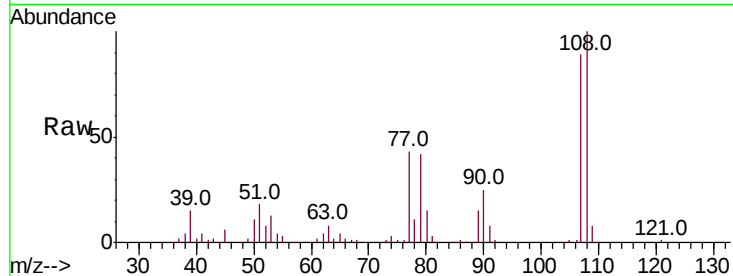




#17
2-Methylphenol
Concen: 40.134 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

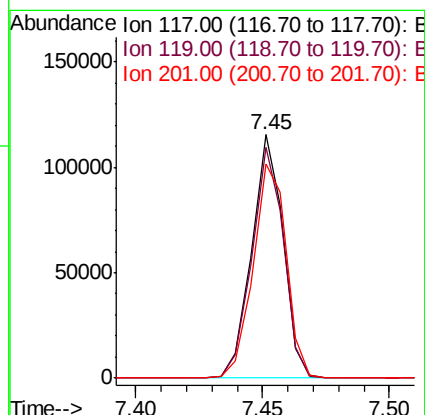
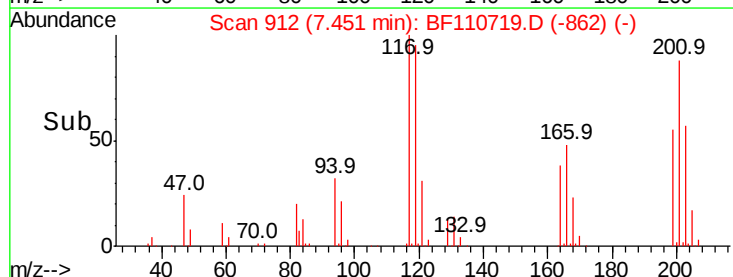
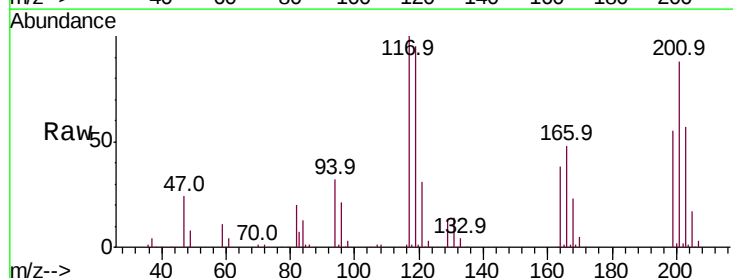
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

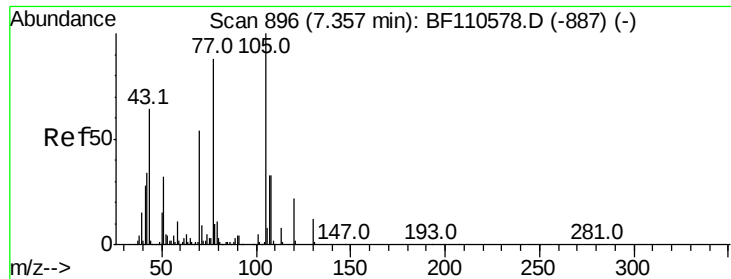
Tot Ion:107 Resp: 192508
Ion Ratio Lower Upper
107 100
108 112.4 92.6 138.8
77 47.9 59.4 89.2#
79 47.1 54.0 81.0#



#18
Hexachloroethane
Concen: 40.378 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion:117 Resp: 99821
Ion Ratio Lower Upper
117 100
119 94.6 75.0 112.6
201 87.9 79.2 118.8

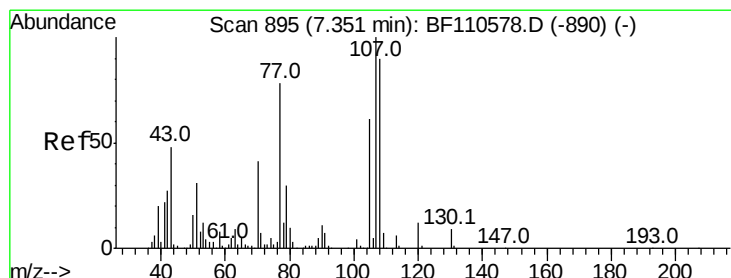
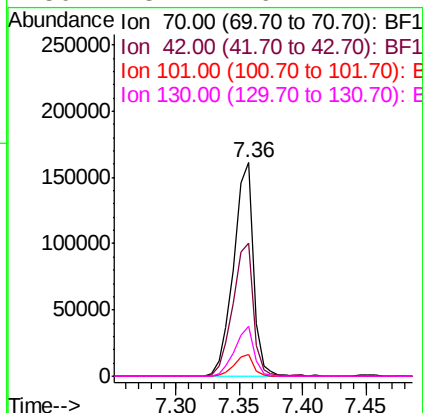
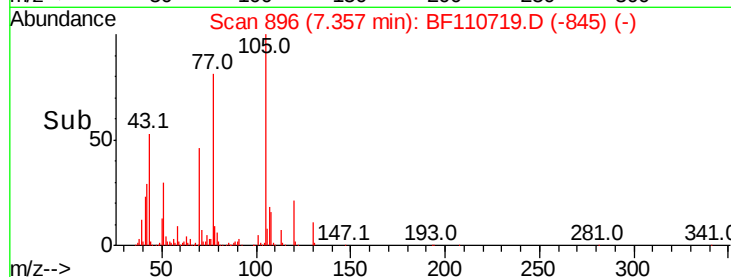
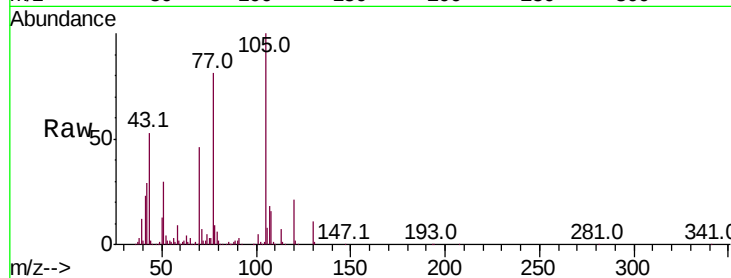




#19
n-Nitroso-di-n-propylamine
Concen: 41.415 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

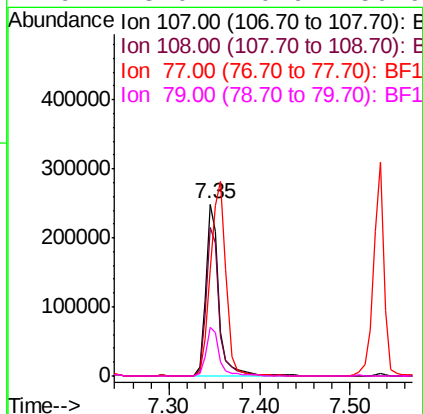
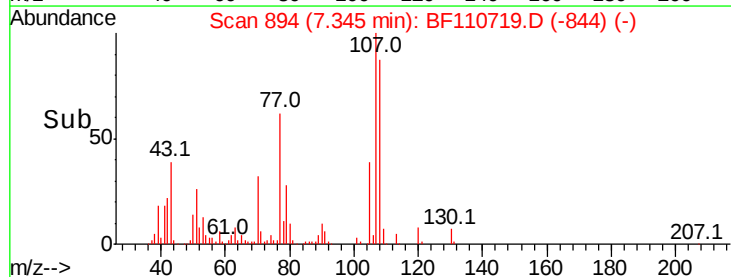
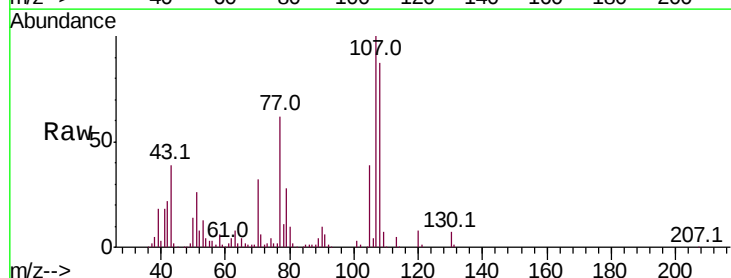
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

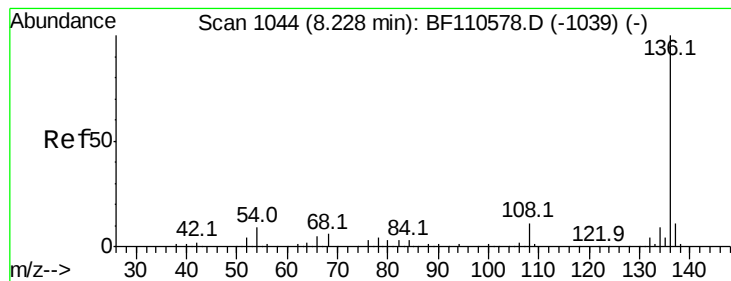
Tot Ion:	70	Resp:	173802
Ion	Ratio	Lower	Upper
70	100		
42	62.4	47.4	71.2
101	10.4	7.3	10.9
130	23.2	16.2	24.2



#20
3+4-Methylphenols
Concen: 40.983 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion:	107	Resp:	252351
Ion	Ratio	Lower	Upper
107	100		
108	86.6	71.4	111.4
77	62.0	47.3	87.3
79	28.0	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 358621

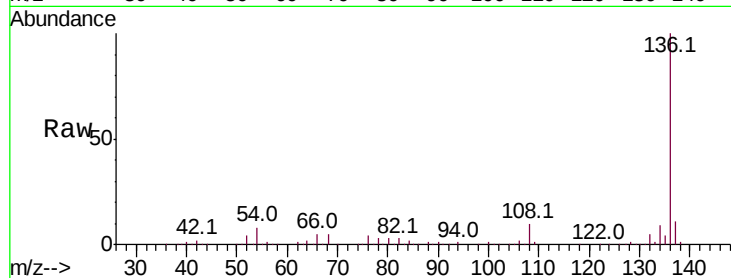
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.3 5.4 8.2#

68 4.9 4.2 6.2

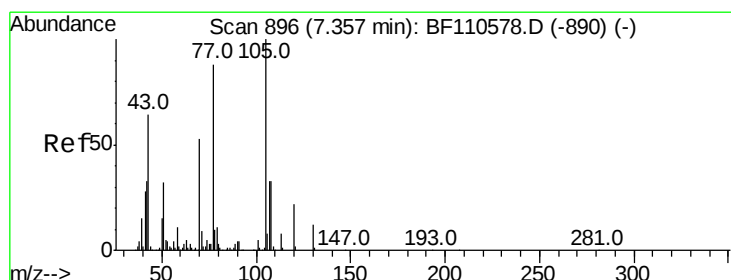
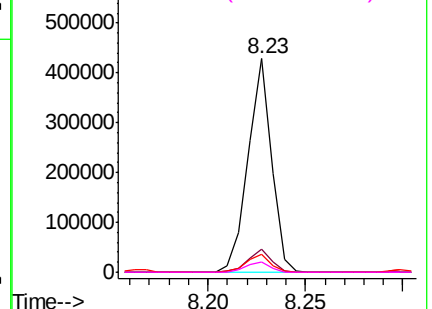
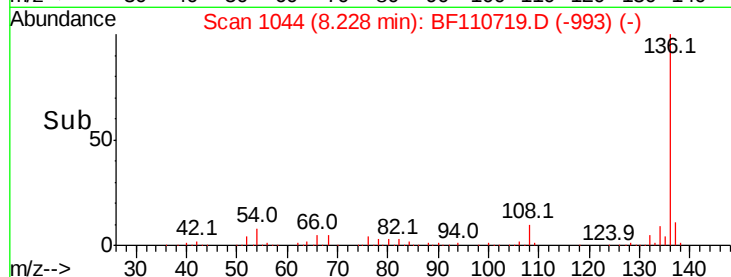


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.491 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Tgt Ion:105 Resp: 338416

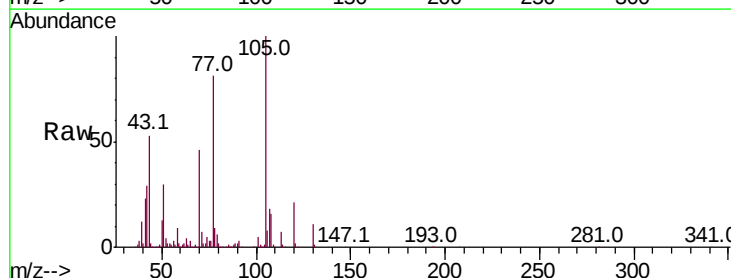
Ion Ratio Lower Upper

105 100

71 7.3 5.2 7.8

51 29.7 21.8 32.8

120 21.5 17.0 25.4

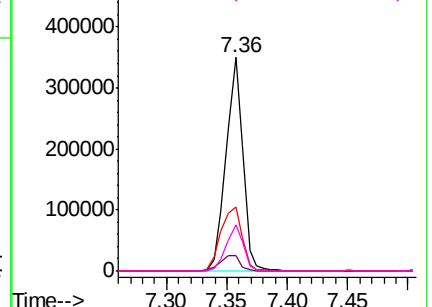
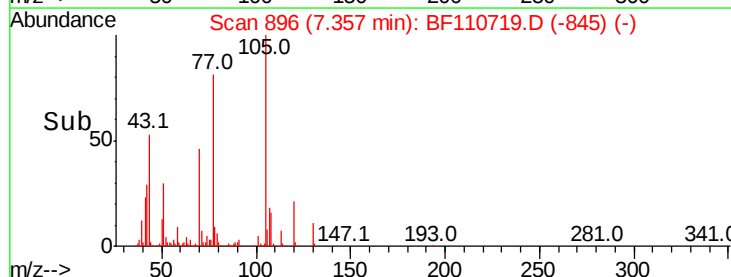


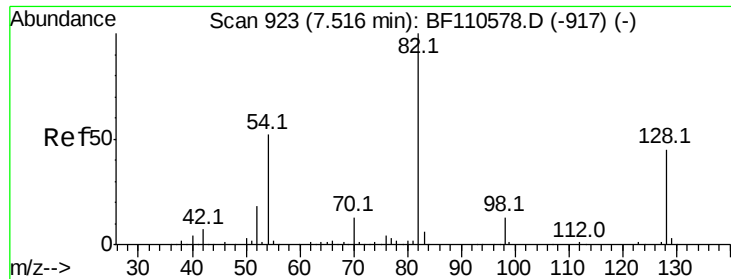
Abundance Ion 105.00 (104.70 to 105.70): E

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

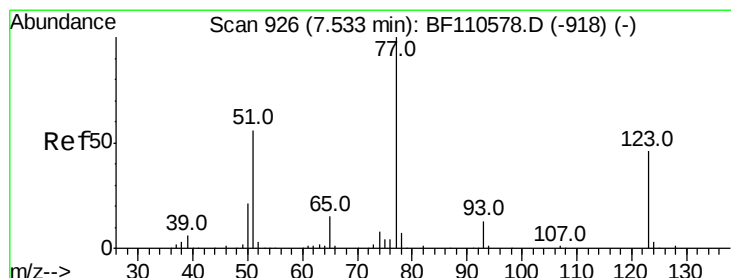
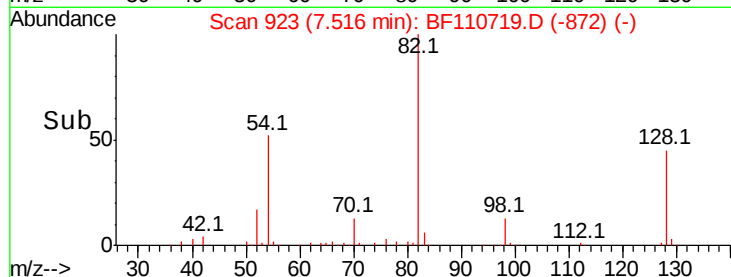
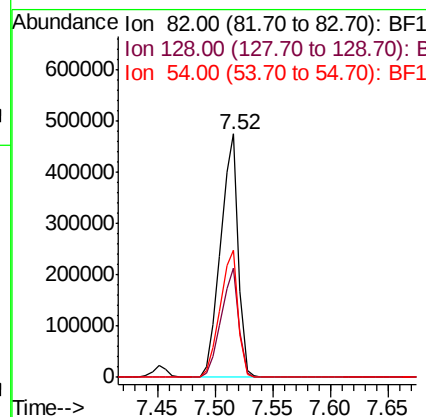
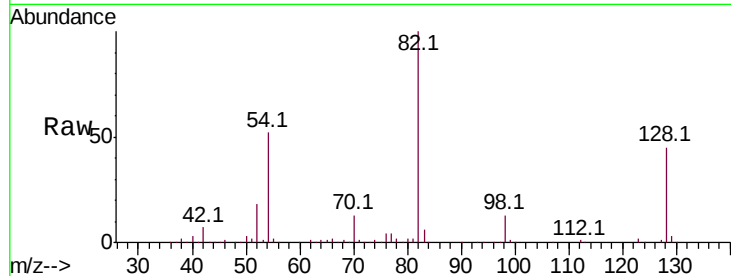




#23
 Nitrobenzene-d5
 Concen: 80.867 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

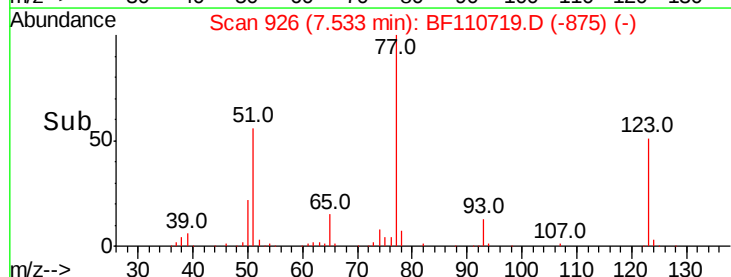
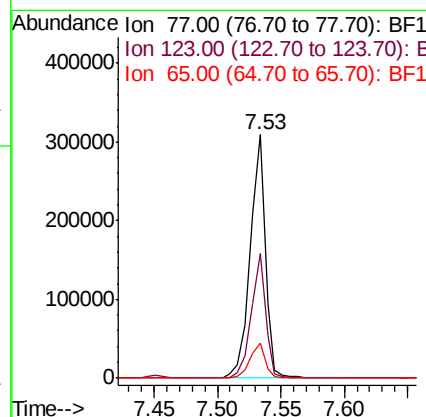
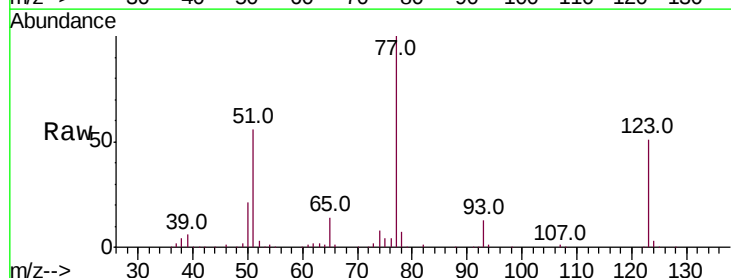
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

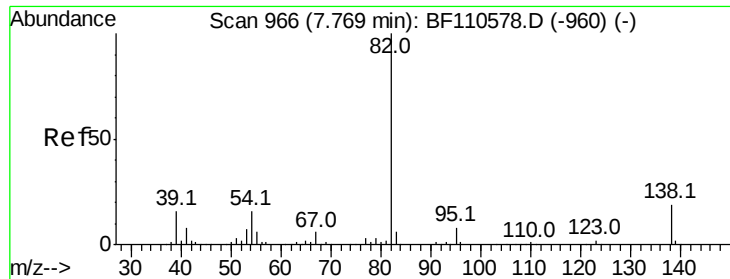
Tot Ion	82	Resp	503576
Ion Ratio	Lower	Upper	
82	100		
128	45.1	34.2	51.2
54	52.3	38.6	58.0



#24
 Nitrobenzene
 Concen: 40.061 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Tgt Ion	77	Resp	255598
Ion Ratio	Lower	Upper	
77	100		
123	51.0	35.7	53.5
65	14.4	10.7	16.1





#25

Isophorone

Concen: 41.474 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

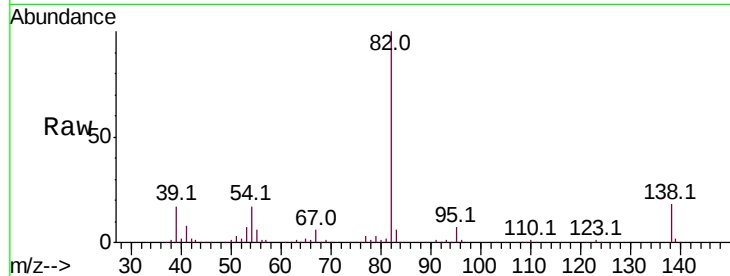
Tot Ion: 82 Resp: 423303

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

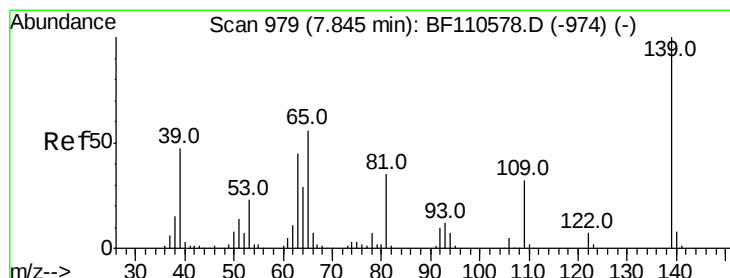
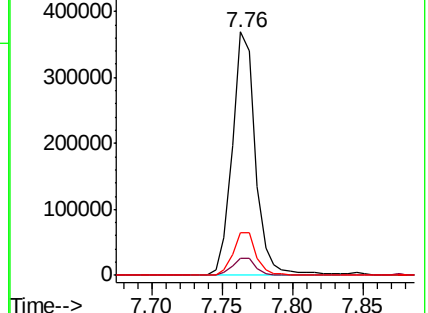
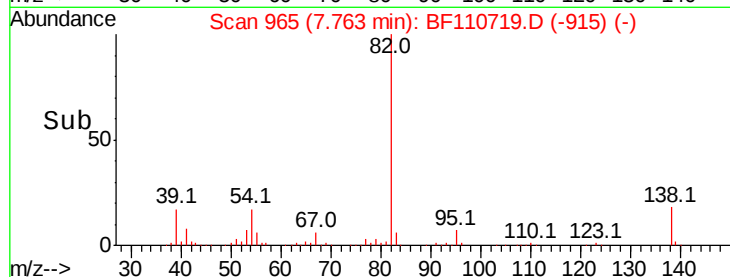
138 17.5 13.2 19.8



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: 40.558 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

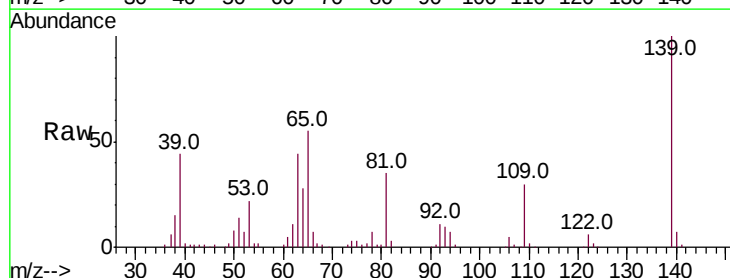
Tgt Ion: 139 Resp: 129092

Ion Ratio Lower Upper

139 100

109 30.0 25.0 37.6

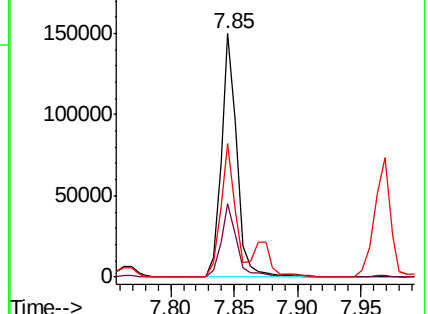
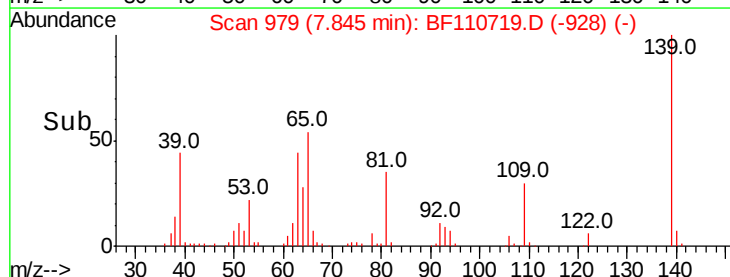
65 54.6 44.0 66.0

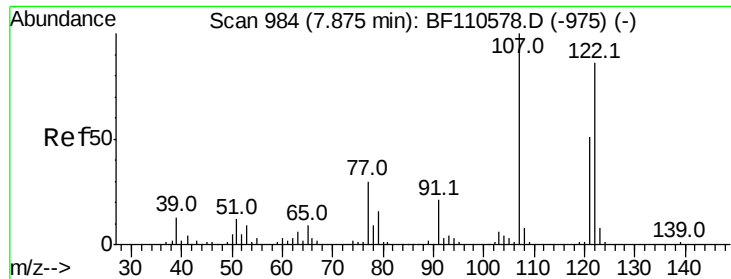


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

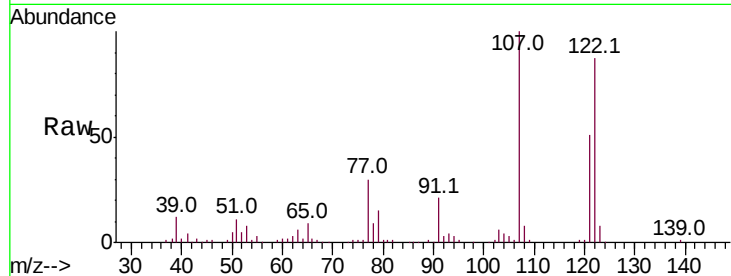




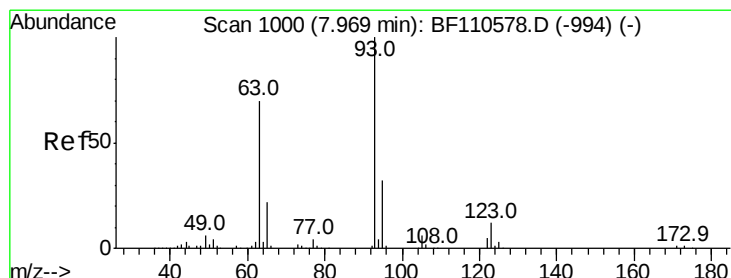
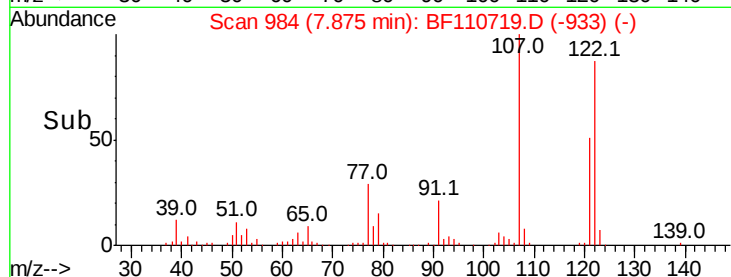
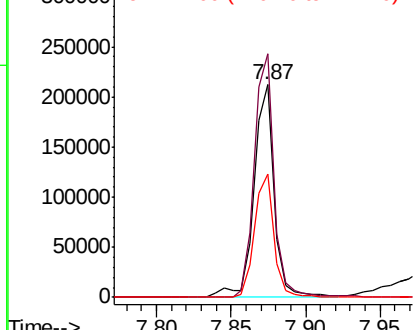
#27
2,4-Dimethylphenol
Concen: 40.688 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 197233
Ion Ratio Lower Upper
122 100
107 114.7 92.5 138.7
121 57.9 45.8 68.8

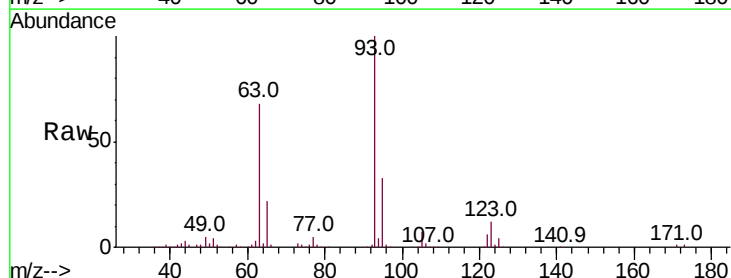


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

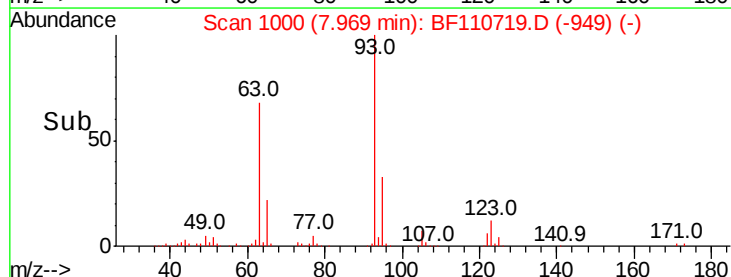
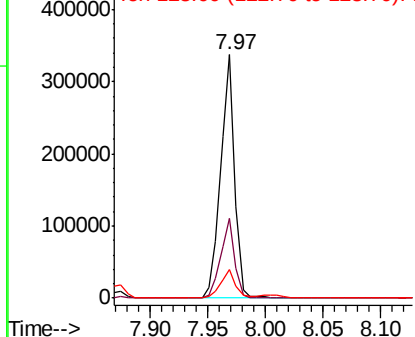


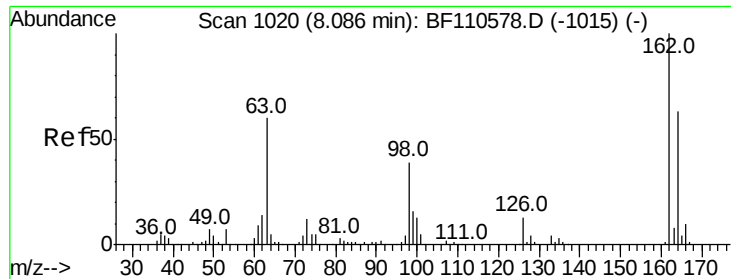
#28
bis(2-Chloroethoxy)methane
Concen: 41.185 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion: 93 Resp: 284608
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 11.8 9.0 13.6



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

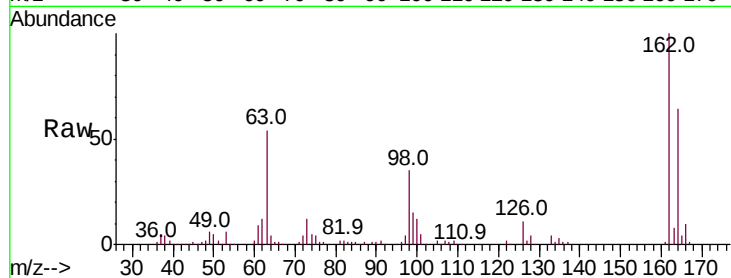




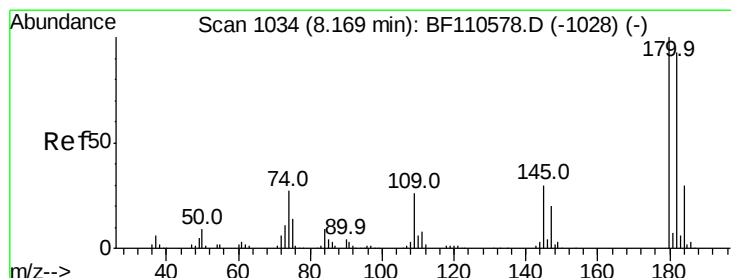
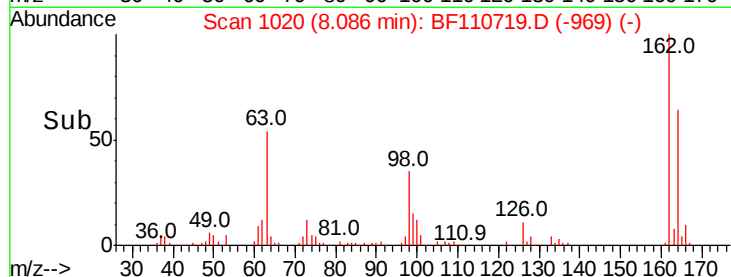
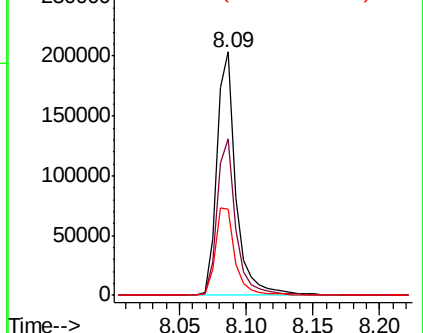
#29
 2,4-Dichlorophenol
 Concen: 41.151 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	35.1	17.4	57.4

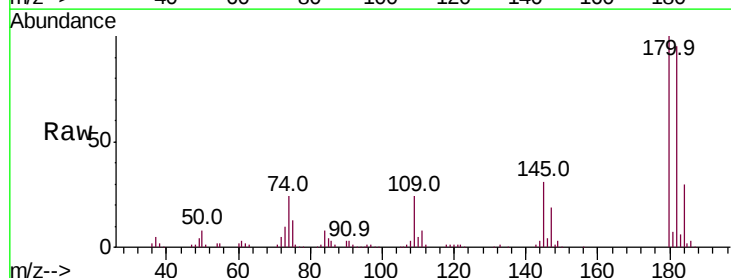


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

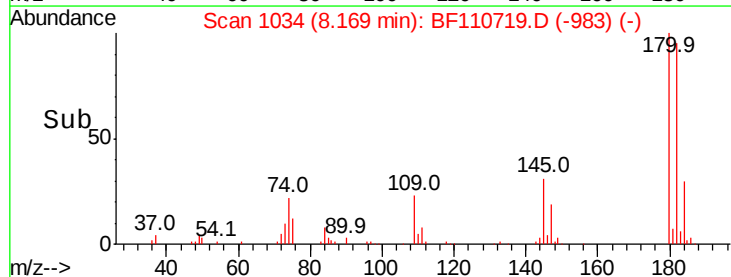
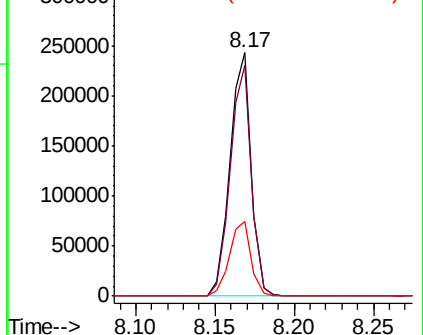


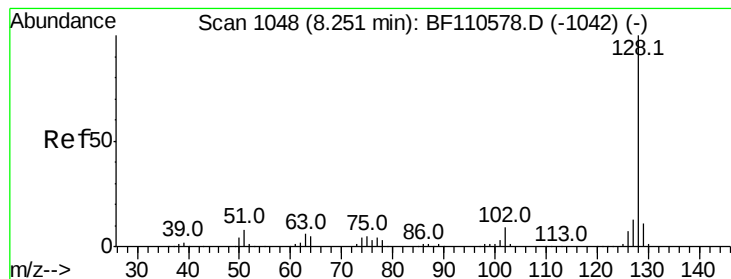
#30
 1,2,4-Trichlorobenzene
 Concen: 40.016 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	80.3	120.5
145	30.8	25.4	38.0



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





#31

Naphthalene

Concen: 40.231 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

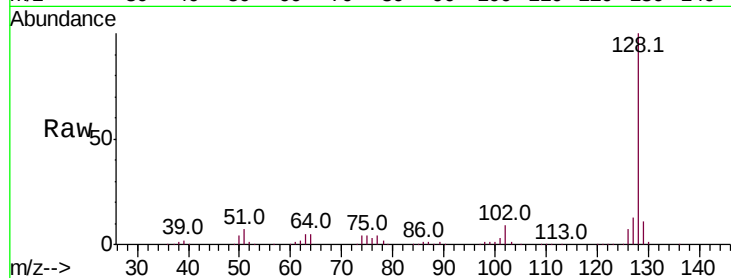
Tot Ion:128 Resp: 677298

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

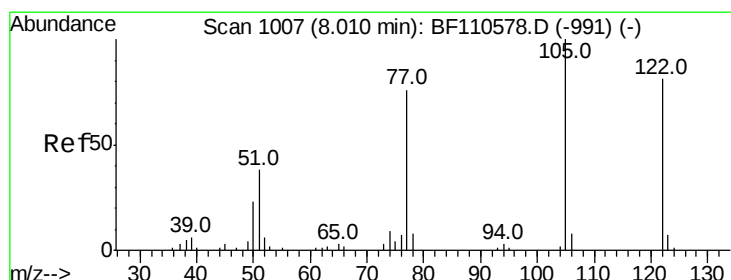
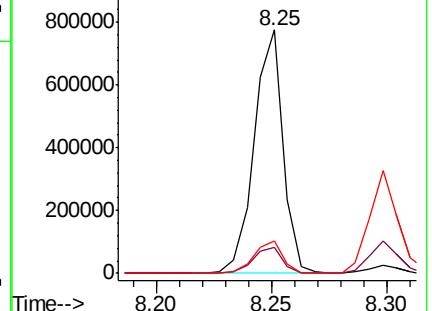
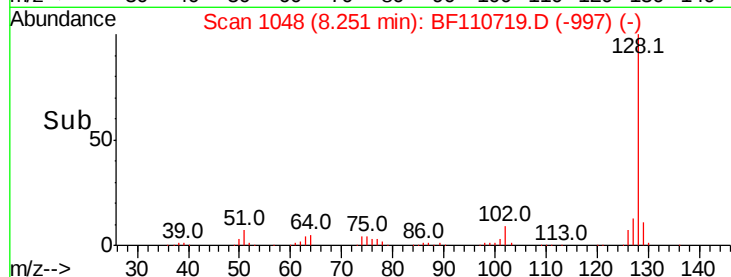
127 13.1 10.8 16.2



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: 42.641 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

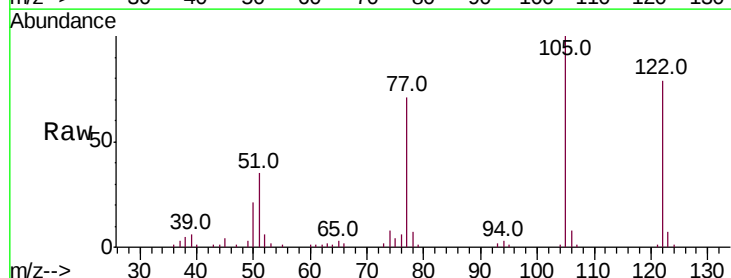
Tgt Ion:122 Resp: 146249

Ion Ratio Lower Upper

122 100

105 126.6 109.0 149.0

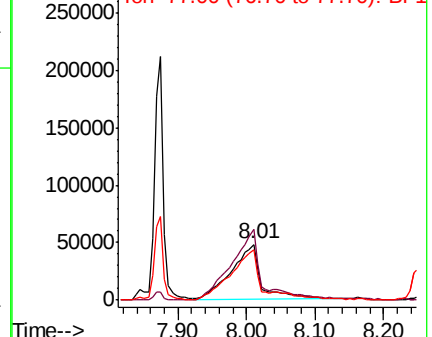
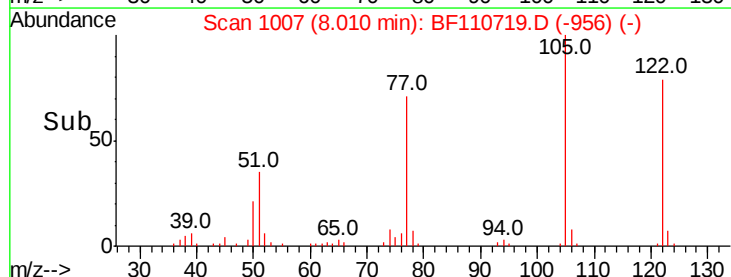
77 90.0 79.0 119.0

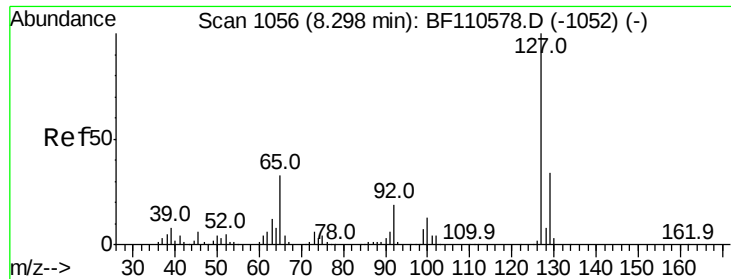


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

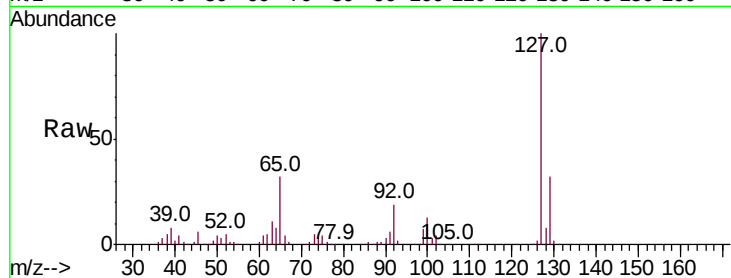




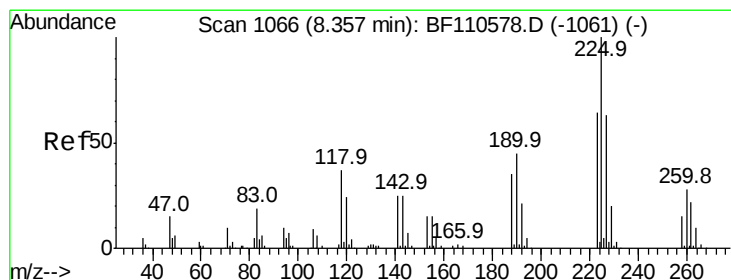
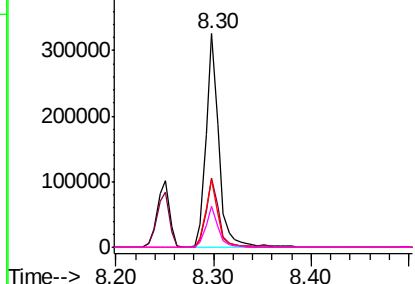
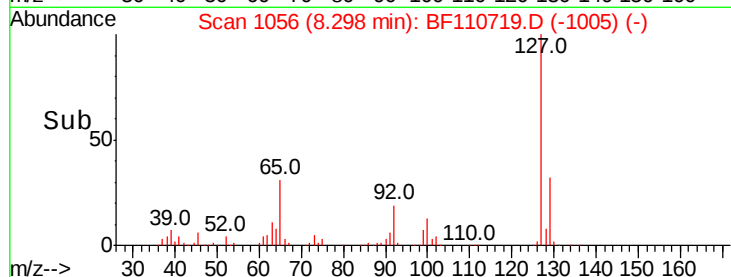
#33
4-Chloroaniline
Concen: 38.811 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	295962
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	31.7	25.1	37.7
92	19.2	15.0	22.6

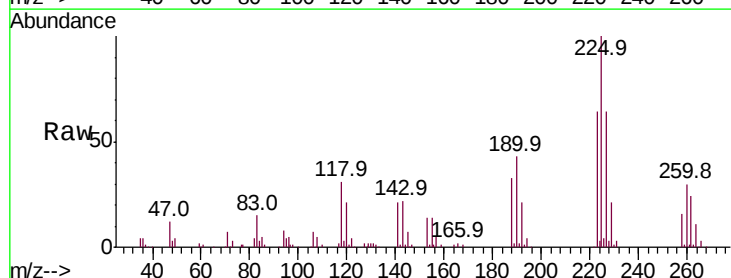


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

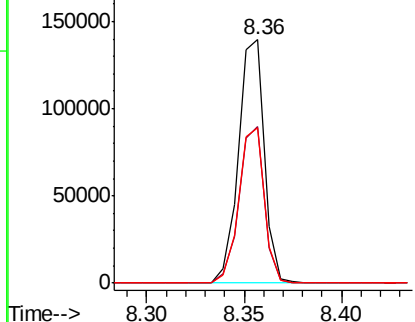
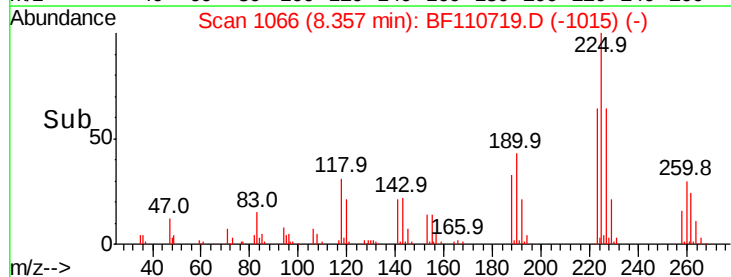


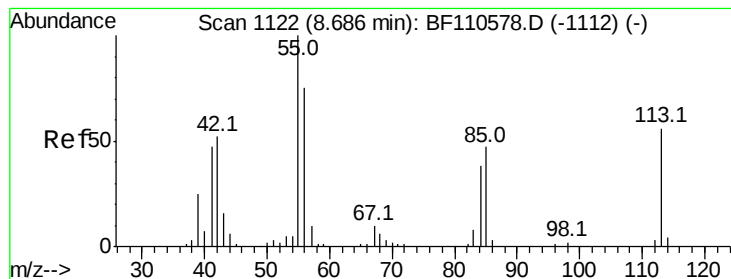
#34
Hexachlorobutadiene
Concen: 39.995 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion:	225	Resp:	128469
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.4	77.2
227	64.0	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.009 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

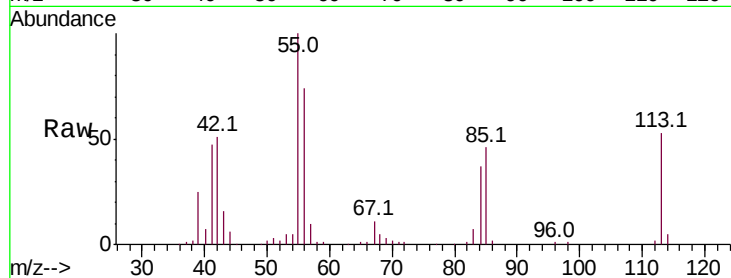
Tot Ion:113 Resp: 70005

Ion Ratio Lower Upper

113 100

55 187.6 142.8 182.8#

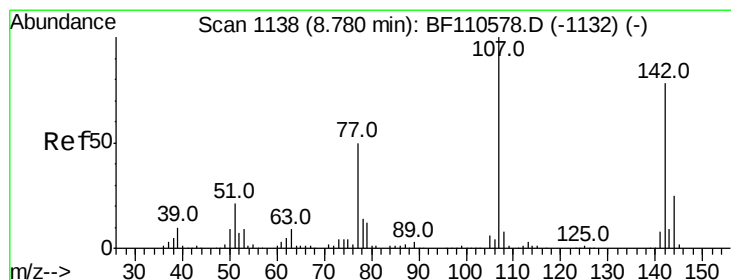
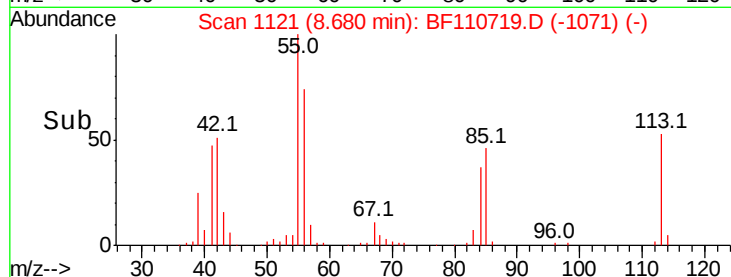
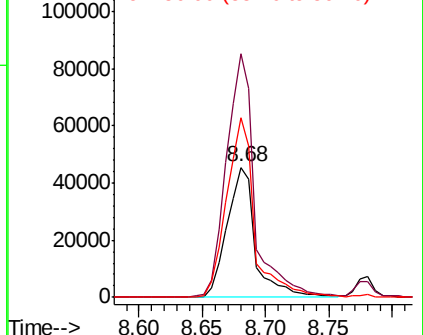
56 138.8 105.0 145.0



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: 42.136 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

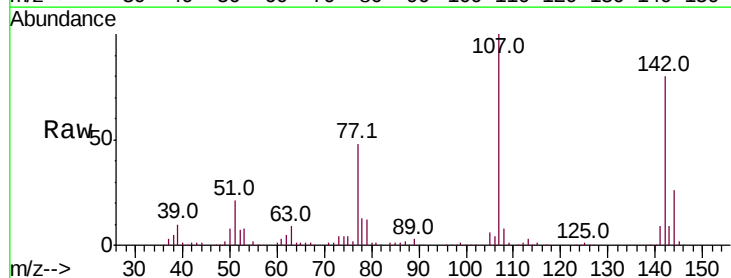
Tgt Ion:107 Resp: 226662

Ion Ratio Lower Upper

107 100

144 26.1 20.0 30.0

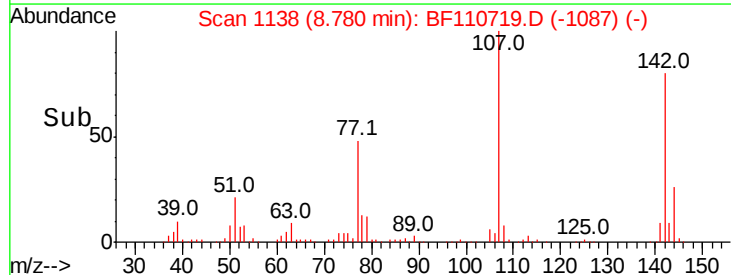
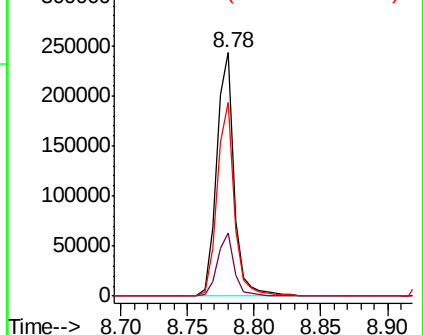
142 79.7 59.7 89.5

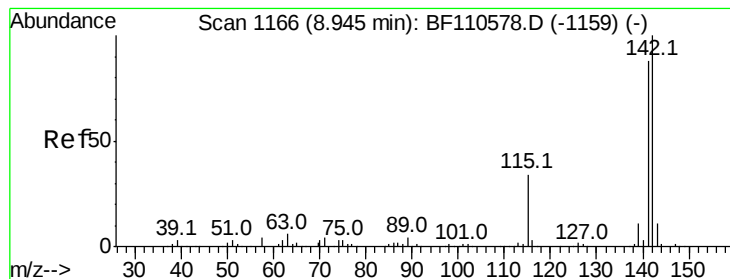


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

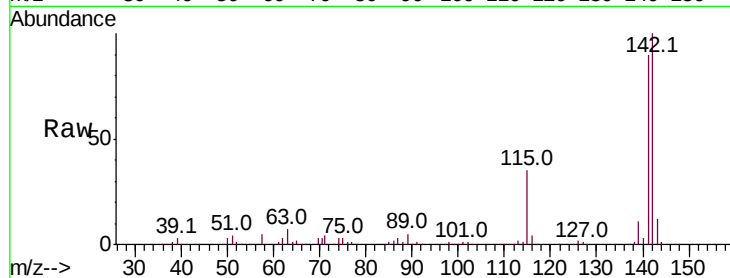




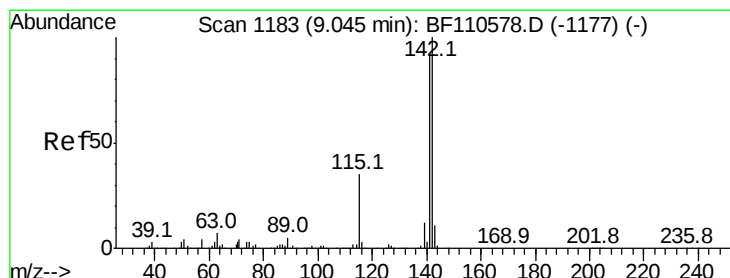
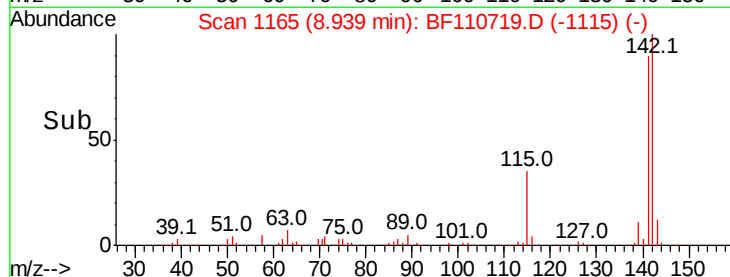
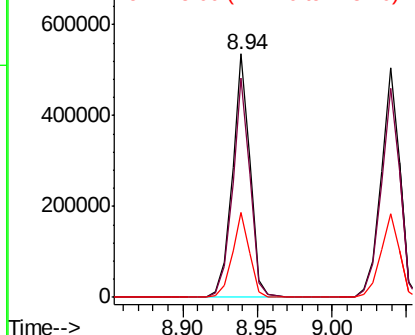
#37
 2-Methylnaphthalene
 Concen: 40.475 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 446700
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.4 107.2
 115 34.8 28.7 43.1

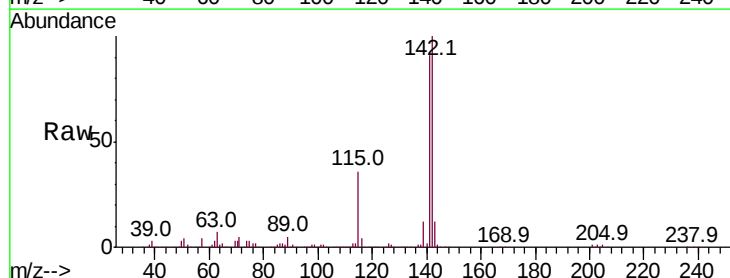


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

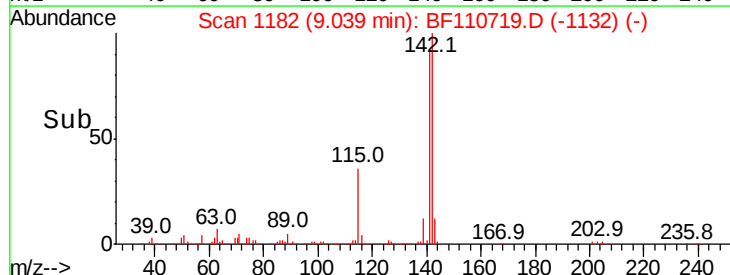
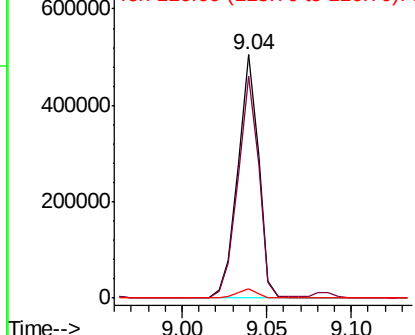


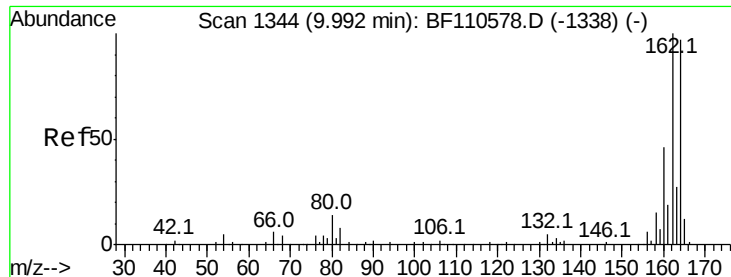
#38
 1-Methylnaphthalene
 Concen: 40.433 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Tgt Ion:142 Resp: 429147
 Ion Ratio Lower Upper
 142 100
 141 91.2 74.2 111.4
 116 3.8 2.6 4.0



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

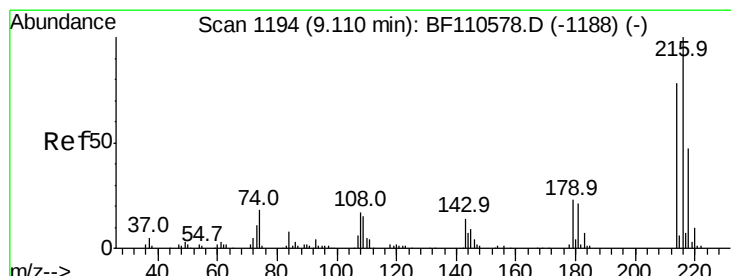
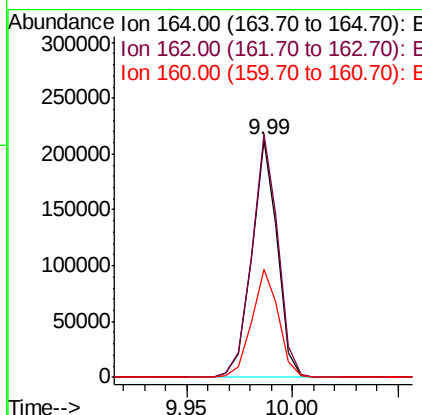
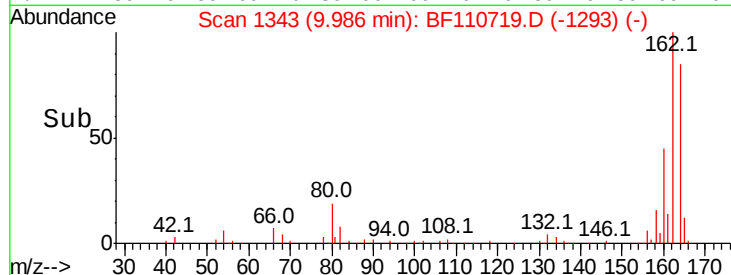
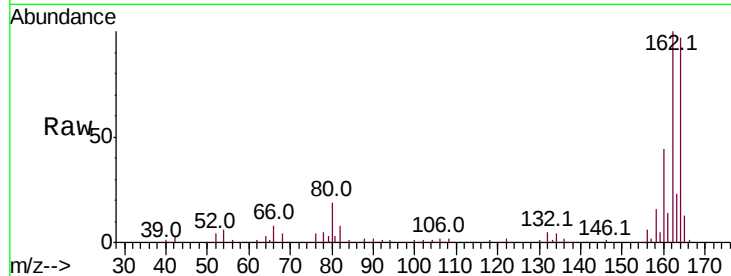




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

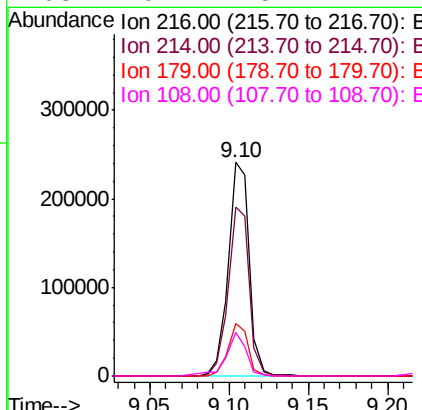
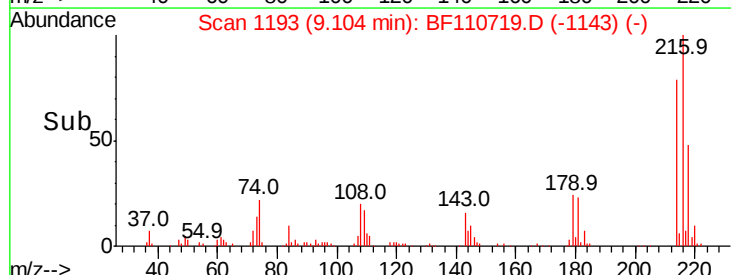
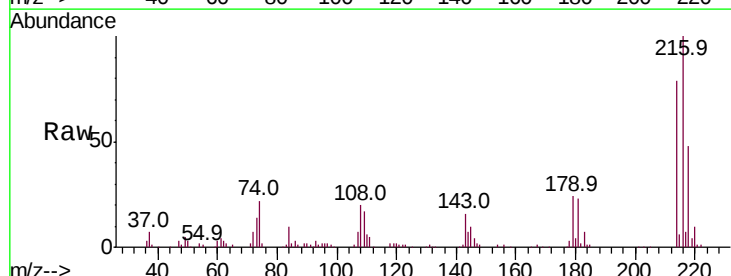
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

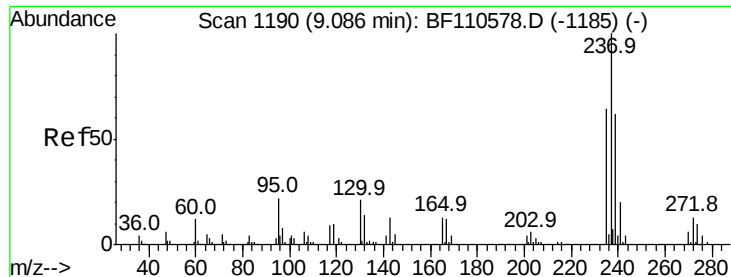
Tot Ion:164 Resp: 177837
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.6
160 45.3 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.145 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion:216 Resp: 220357
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 23.2 16.6 25.0
108 19.7 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 39.865 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

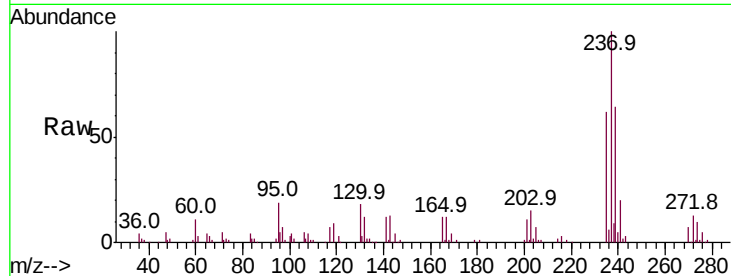
Tot Ion:237 Resp: 78203

Ion Ratio Lower Upper

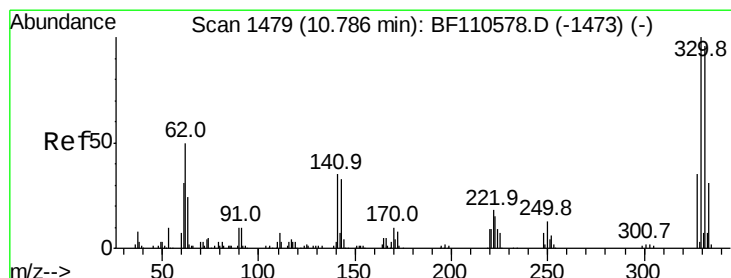
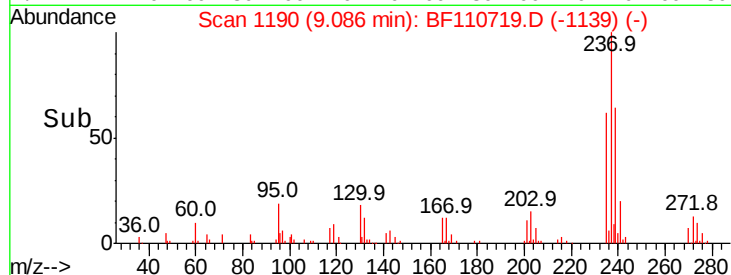
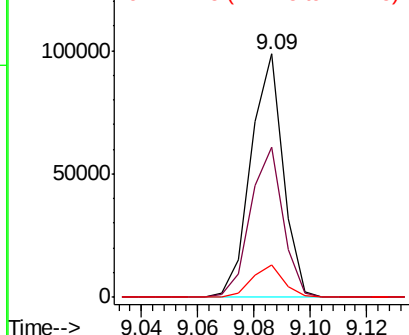
237 100

235 61.9 43.1 83.1

272 13.1 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: 80.030 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

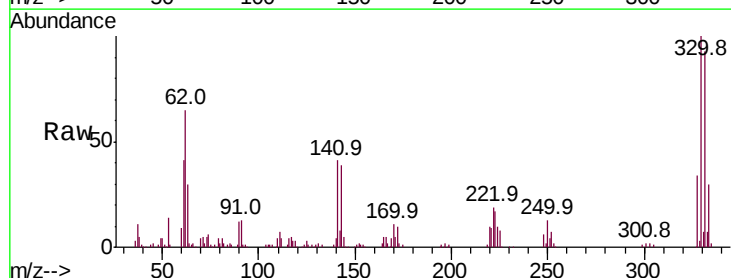
Tgt Ion:330 Resp: 143409

Ion Ratio Lower Upper

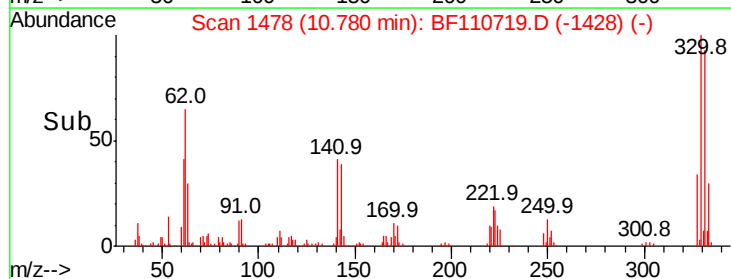
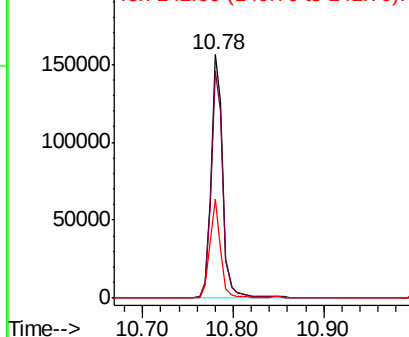
330 100

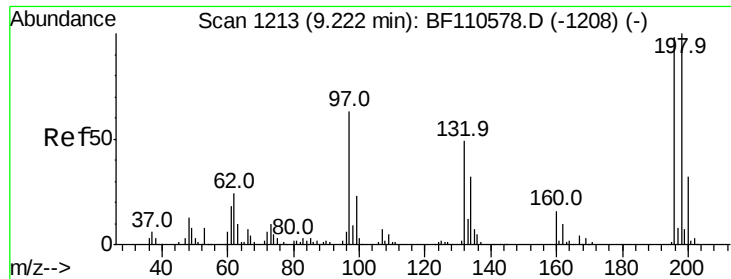
332 94.2 77.1 115.7

141 37.5 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

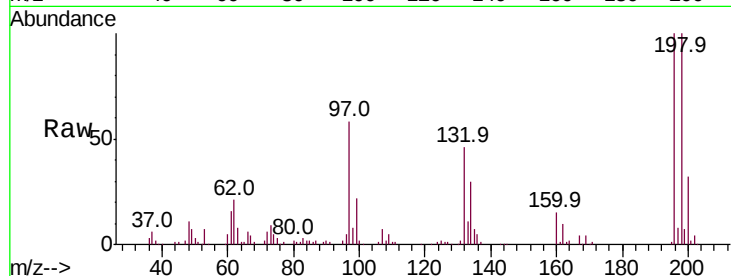




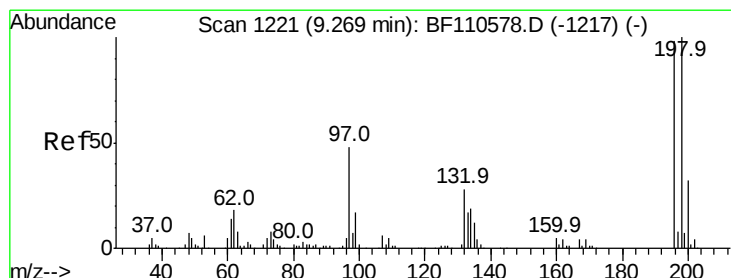
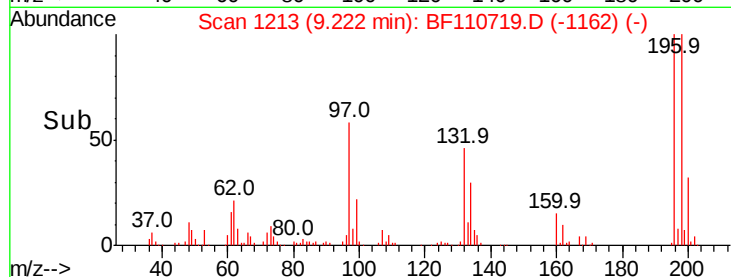
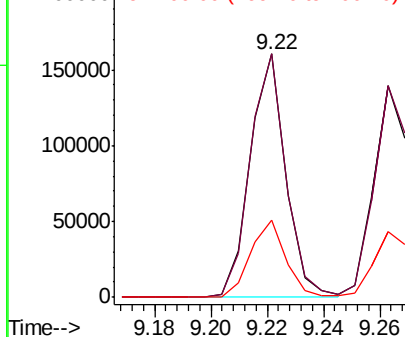
#43
 2,4,6-Trichlorophenol
 Concen: 39.699 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 140431
 Ion Ratio Lower Upper
 196 100
 198 99.8 76.2 114.4
 200 32.0 24.4 36.6



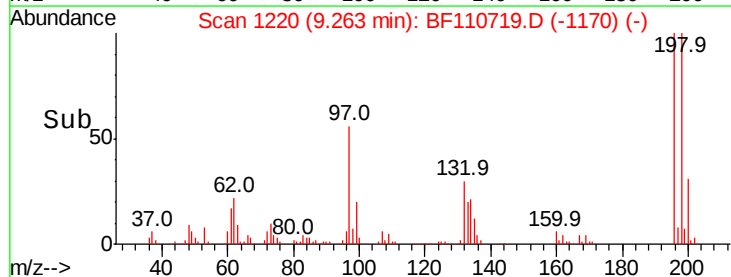
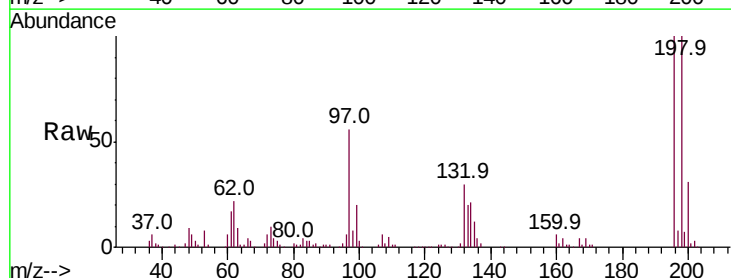
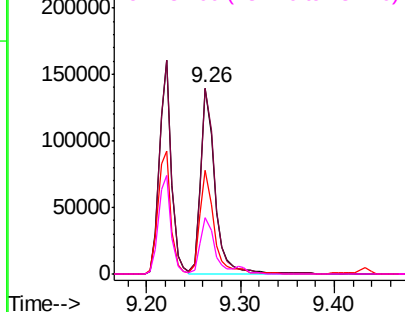
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

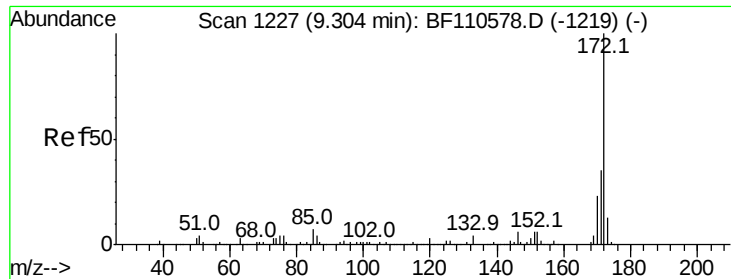


#44
 2,4,5-Trichlorophenol
 Concen: 39.527 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Tgt Ion:196 Resp: 149149
 Ion Ratio Lower Upper
 196 100
 198 100.2 75.8 113.6
 97 56.1 42.4 63.6
 132 30.3 22.8 34.2

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

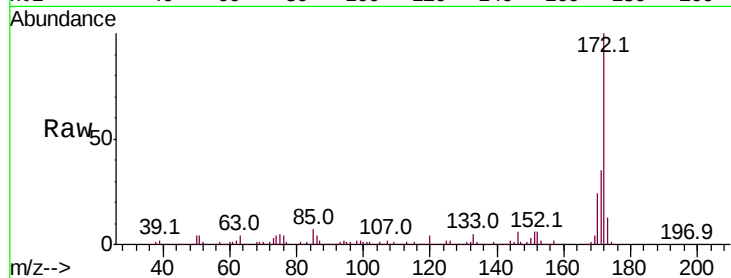




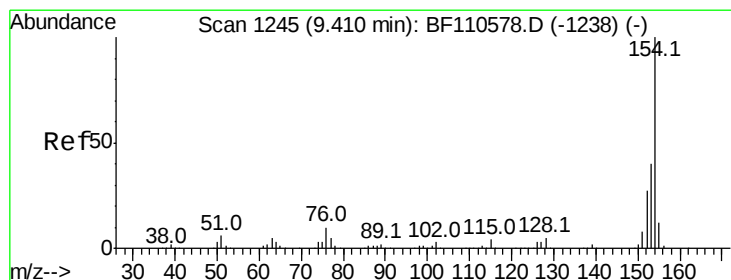
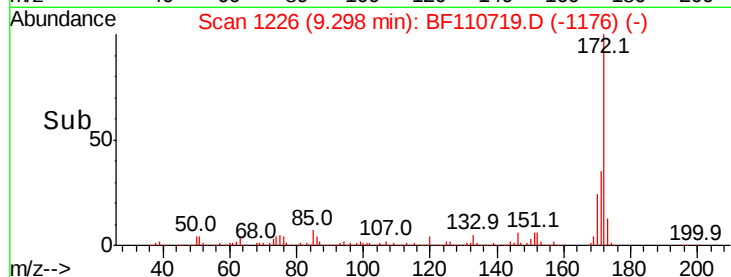
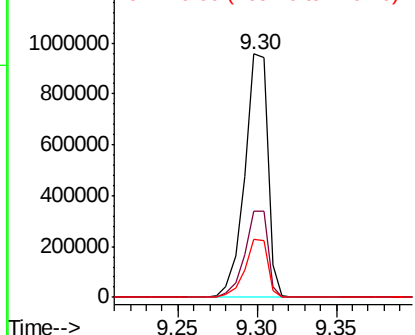
#45
2-Fluorobiphenyl
Concen: 77.211 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 961433
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.0 19.7 29.5

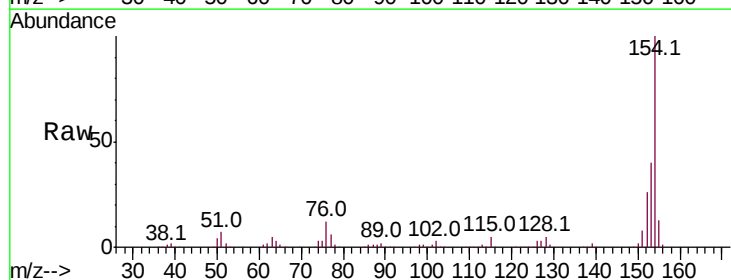


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

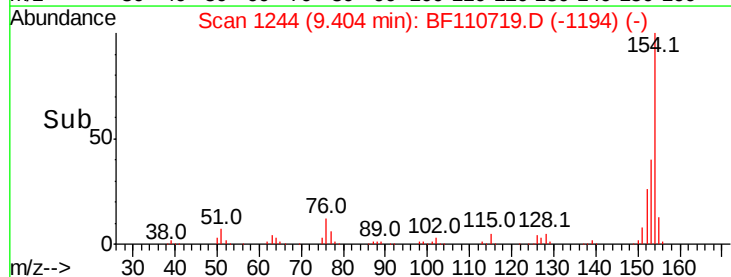
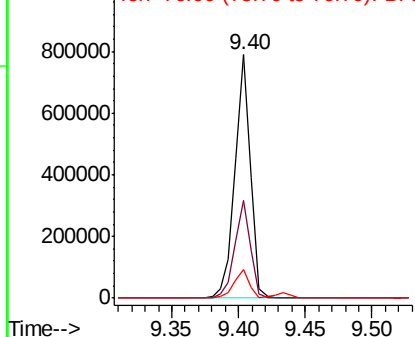


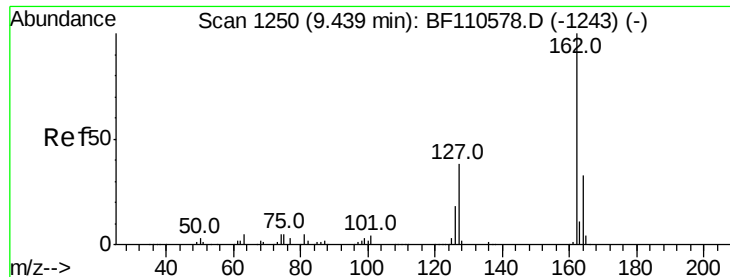
#46
1,1'-Biphenyl
Concen: 39.181 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion:154 Resp: 649999
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.9 0.0 31.9



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





#47

2-Chloronaphthalene

Concen: 39.444 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

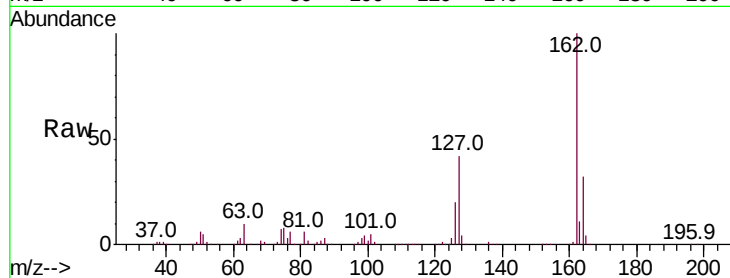
Tot Ion:162 Resp: 471425

Ion Ratio Lower Upper

162 100

127 41.6 32.6 48.8

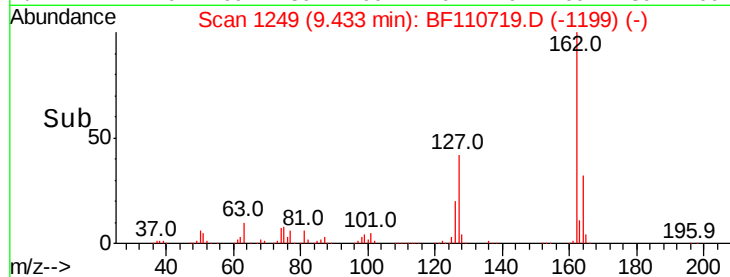
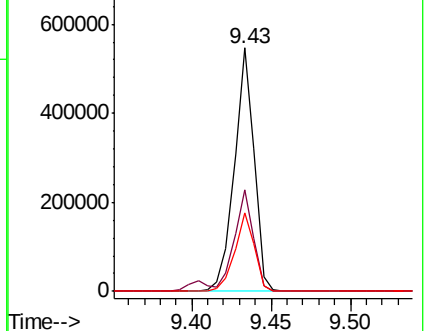
164 32.4 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.633 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

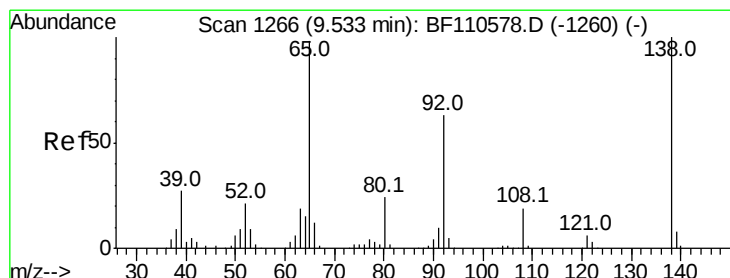
Tgt Ion: 65 Resp: 149654

Ion Ratio Lower Upper

65 100

92 68.1 54.6 81.8

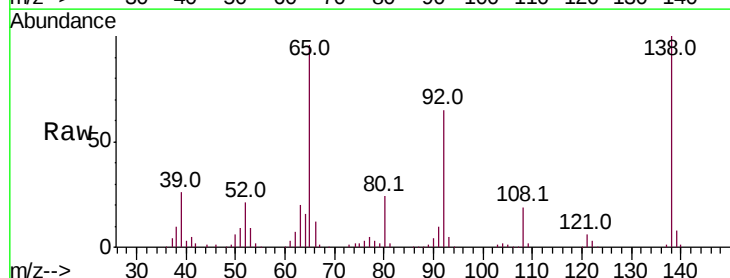
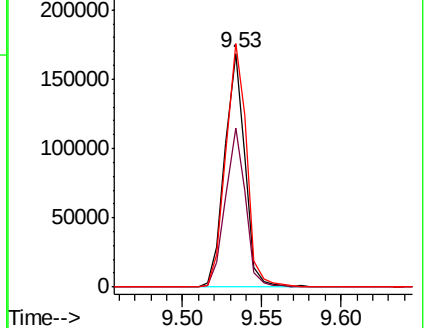
138 104.2 80.3 120.5

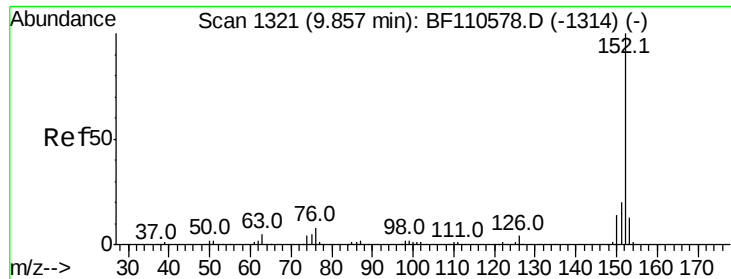


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.670 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

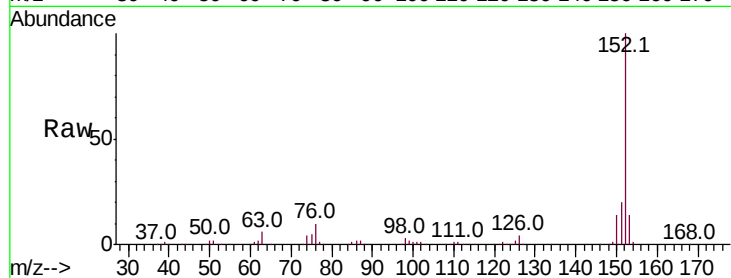
Tot Ion:152 Resp: 682809

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

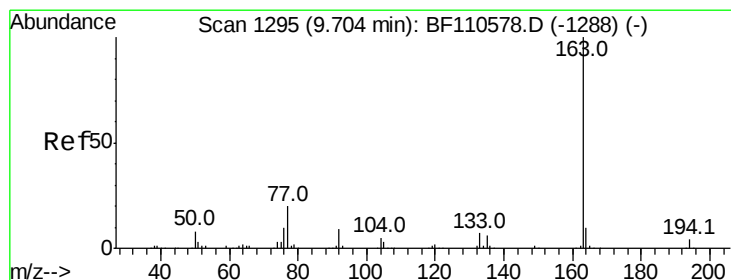
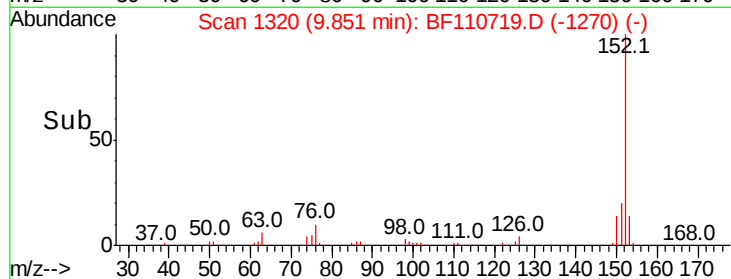
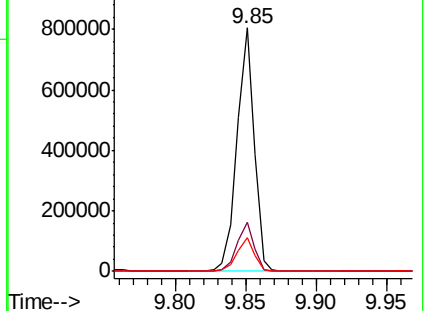
153 13.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.298 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

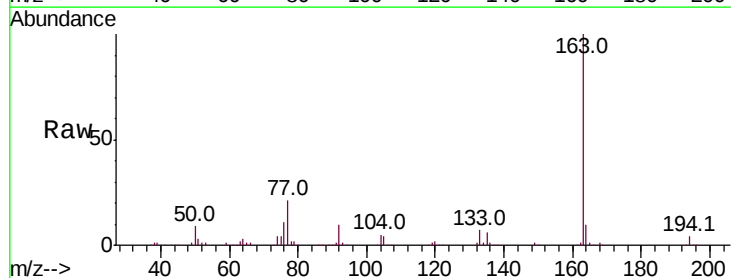
Tgt Ion:163 Resp: 521477

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

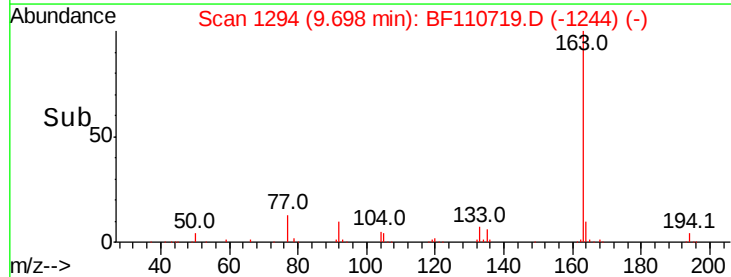
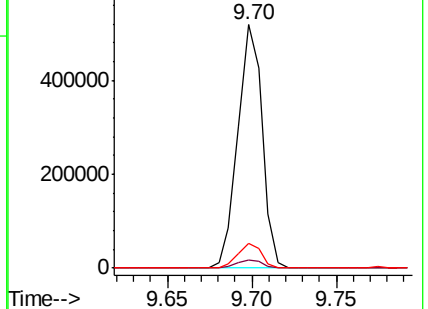
164 10.4 8.1 12.1

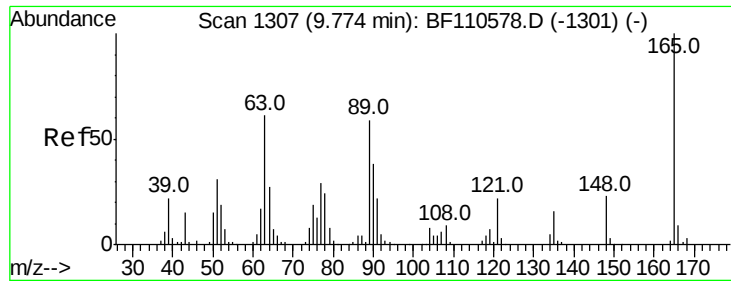


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

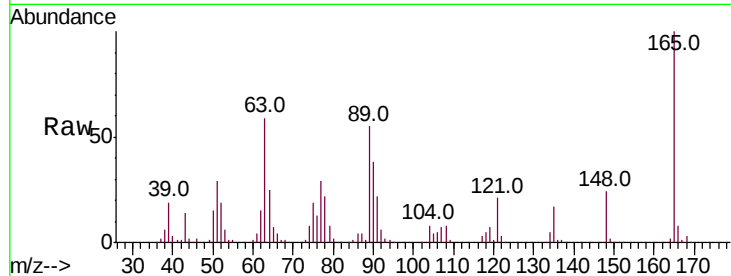




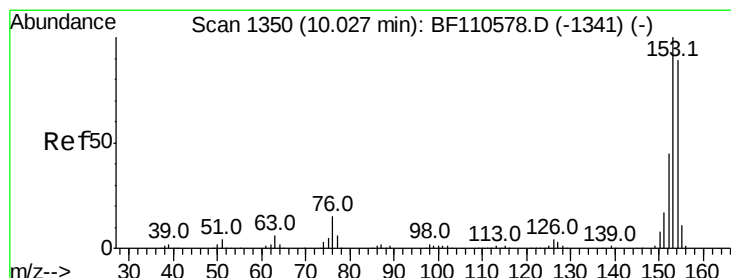
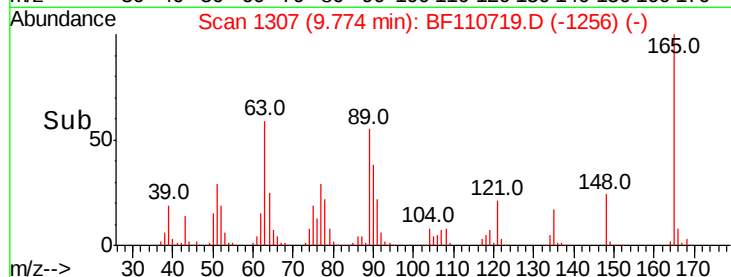
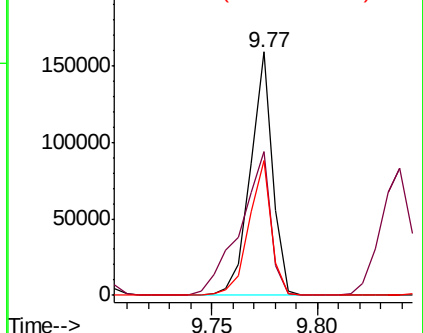
#51
2,6-Dinitrotoluene
Concen: 39.977 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.3	48.9	73.3
89	55.4	46.6	69.8

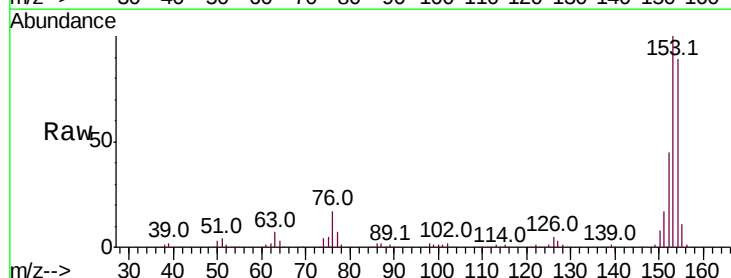


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

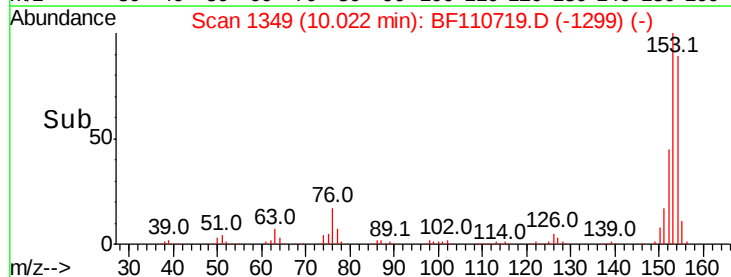
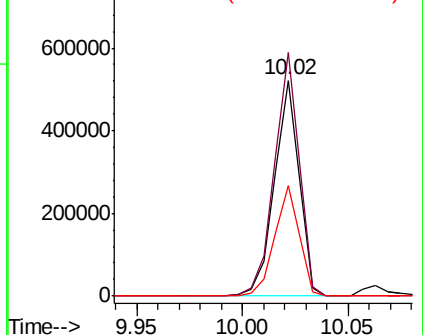


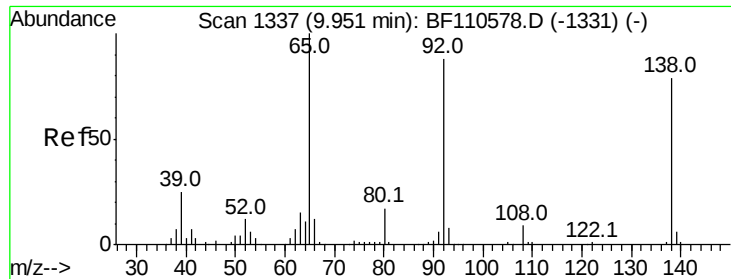
#52
Acenaphthene
Concen: 39.025 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.1	135.1
152	51.0	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

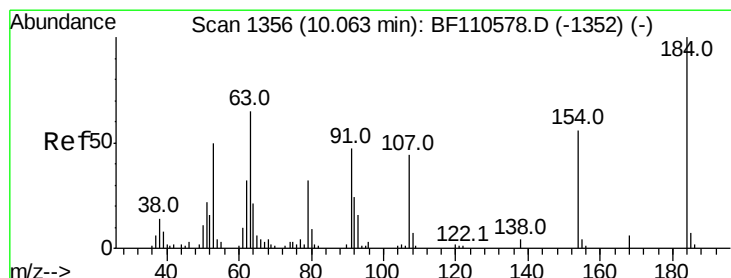
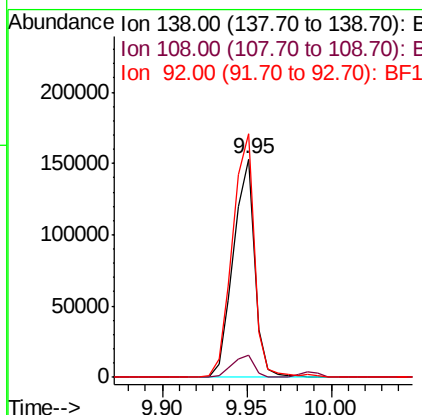
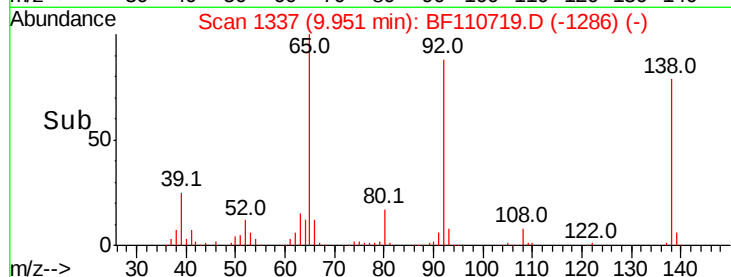
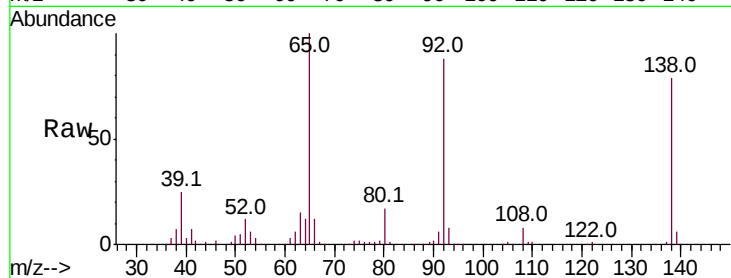




#53
 3-Nitroaniline
 Concen: 39.915 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

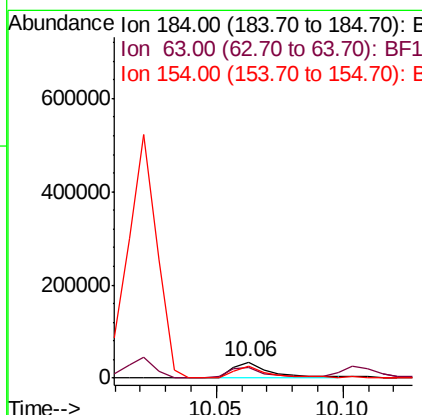
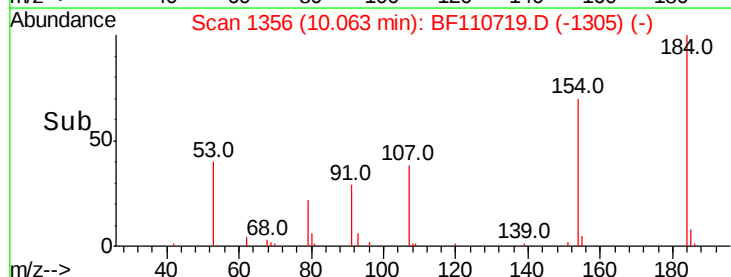
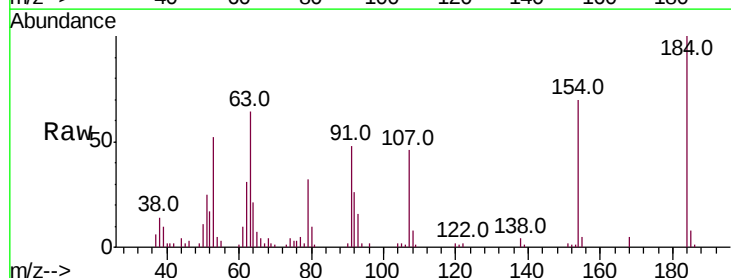
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

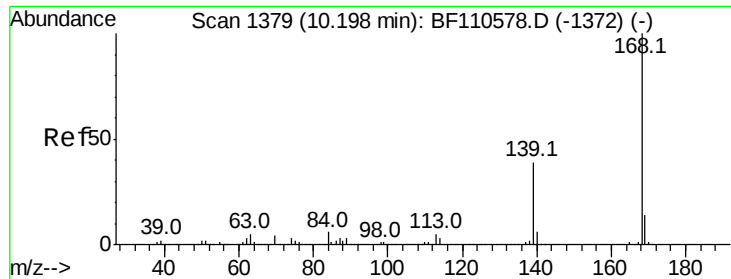
Tot Ion:138 Resp: 134987
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.7 13.1
 92 111.4 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 32.984 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Tgt Ion:184 Resp: 34941
 Ion Ratio Lower Upper
 184 100
 63 63.9 55.8 83.6
 154 70.5 63.2 94.8





#55

Dibenzofuran

Concen: 39.302 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

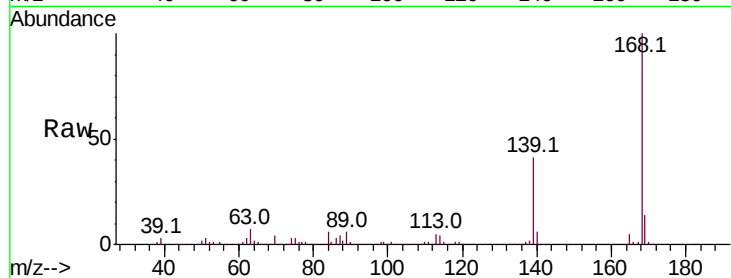
Tot Ion:168 Resp: 625465

Ion Ratio Lower Upper

168 100

139 40.6 33.0 49.6

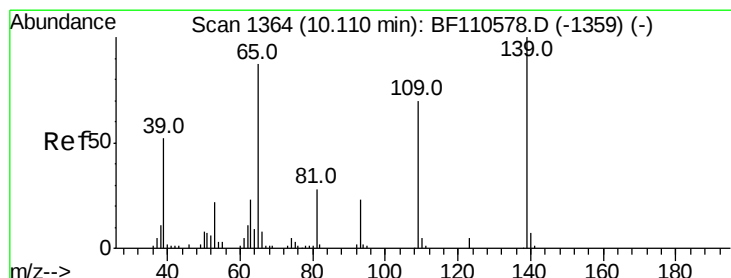
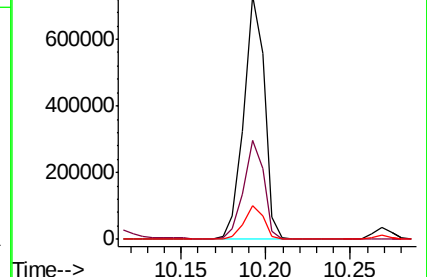
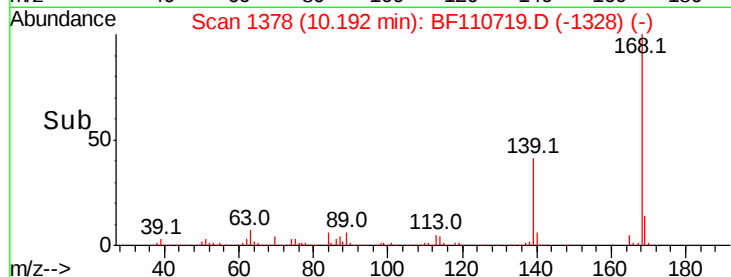
169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.673 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

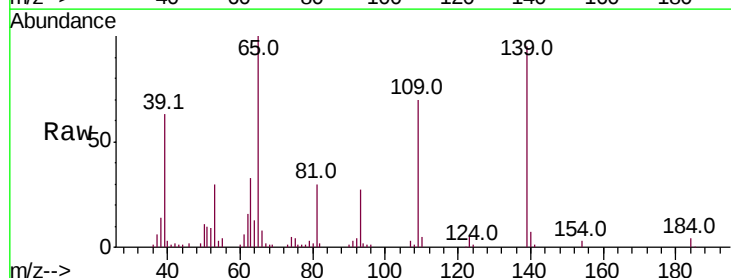
Tgt Ion:139 Resp: 84524

Ion Ratio Lower Upper

139 100

109 73.5 55.8 95.8

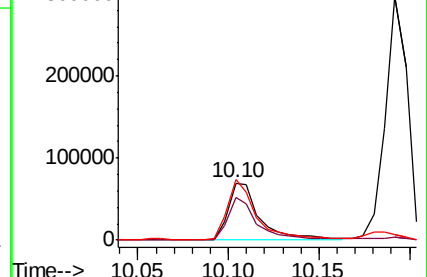
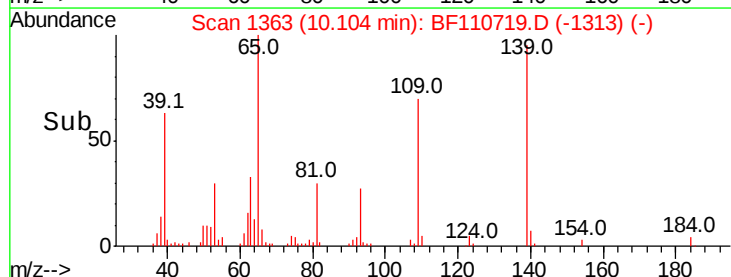
65 104.8 77.9 117.9

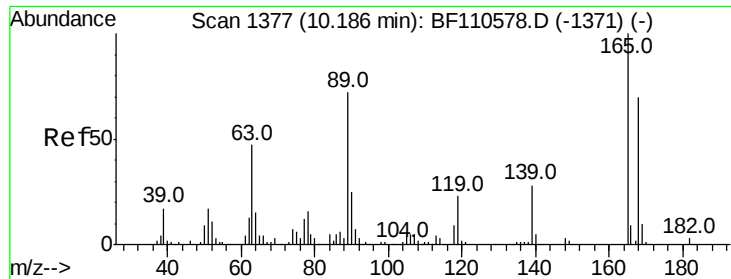


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

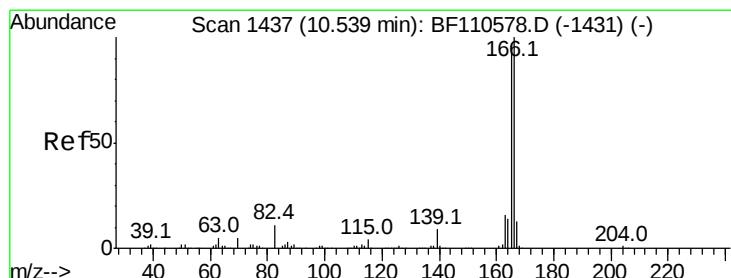
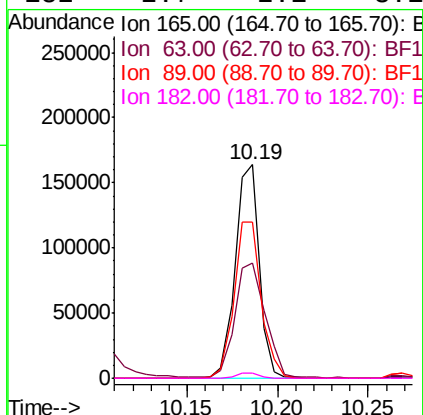
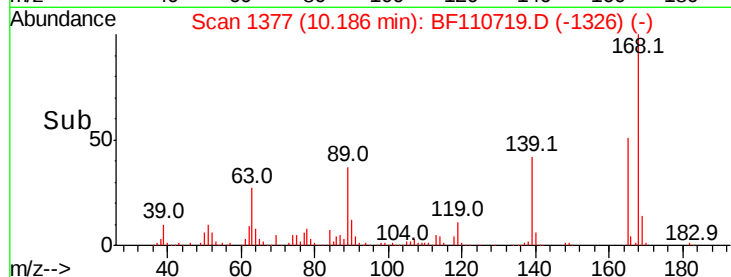
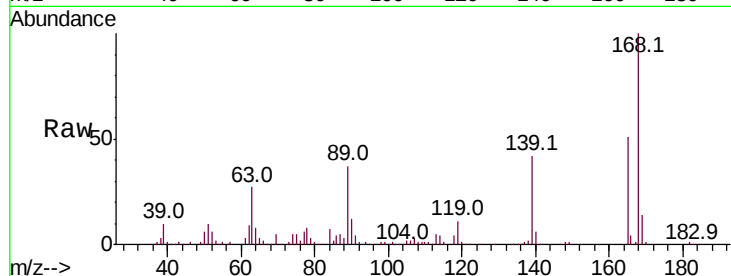




#57
2,4-Dinitrotoluene
Concen: 39.815 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

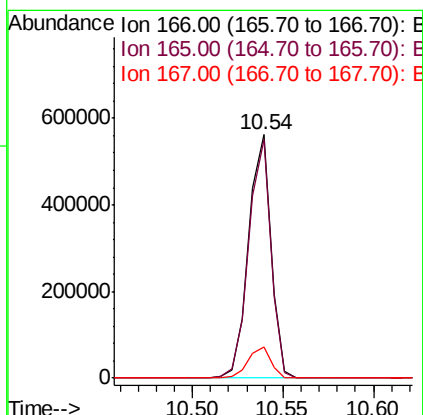
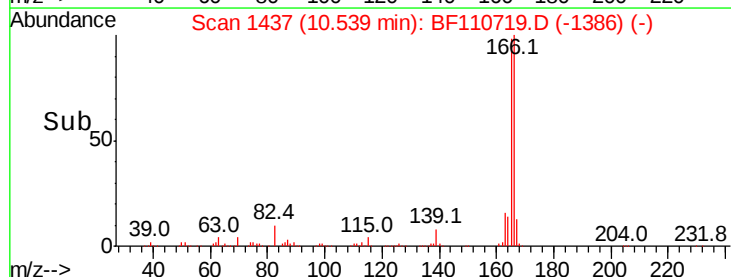
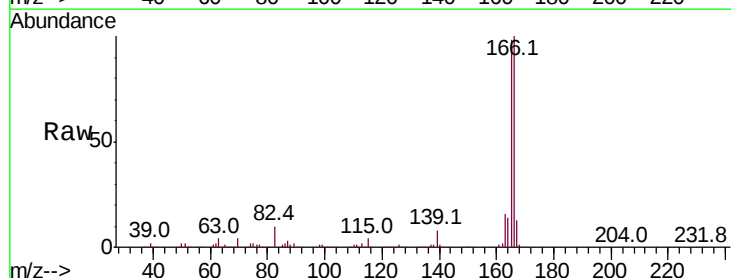
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

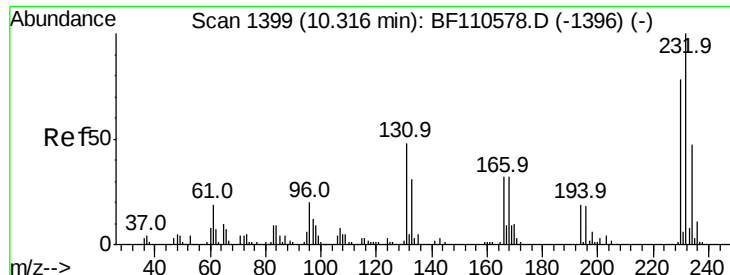
Tot Ion:	165	Resp:	151114
Ion	Ratio	Lower	Upper
165	100		
63	53.9	44.8	67.2
89	73.2	62.2	93.4
182	2.7	2.1	3.1



#58
Fluorene
Concen: 39.648 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion:	166	Resp:	484655
Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	12.9	10.8	16.2

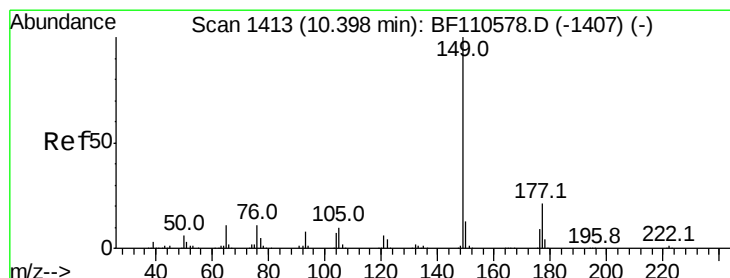
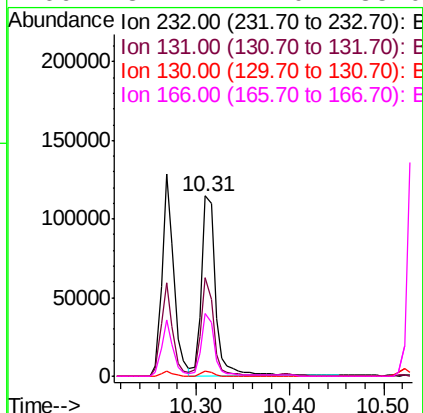
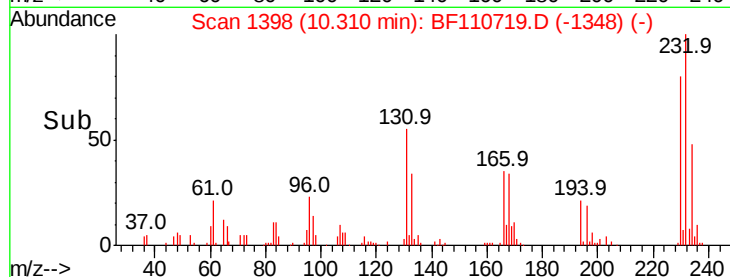
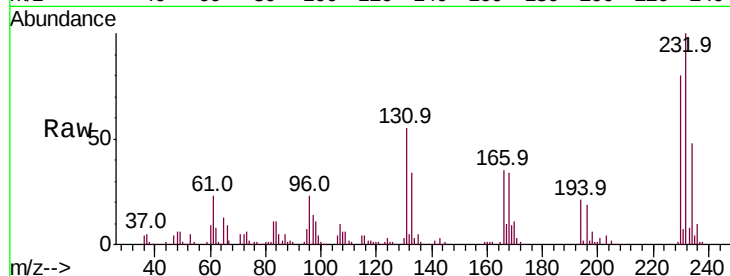




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.786 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

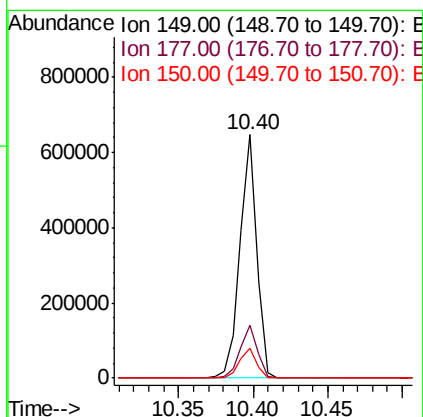
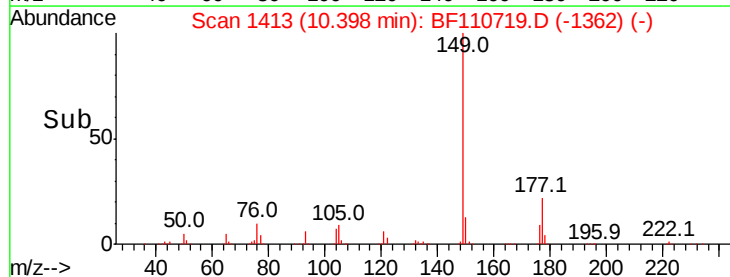
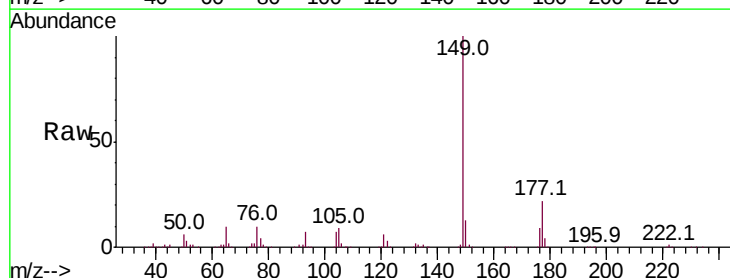
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

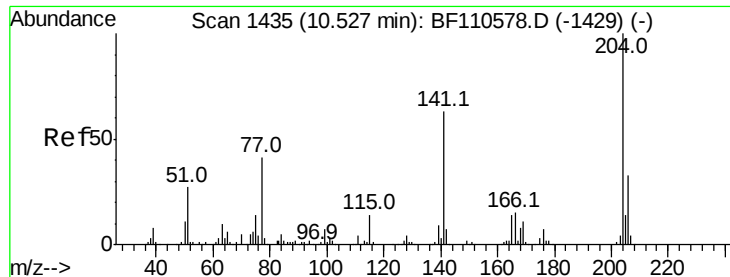
Tot Ion:232 Resp: 121068
 Ion Ratio Lower Upper
 232 100
 131 49.9 37.0 55.4
 130 2.2 1.8 2.6
 166 31.1 22.0 33.0



#60
 Diethylphthalate
 Concen: 38.956 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Tgt Ion:149 Resp: 511412
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.4 26.2
 150 12.5 9.8 14.8

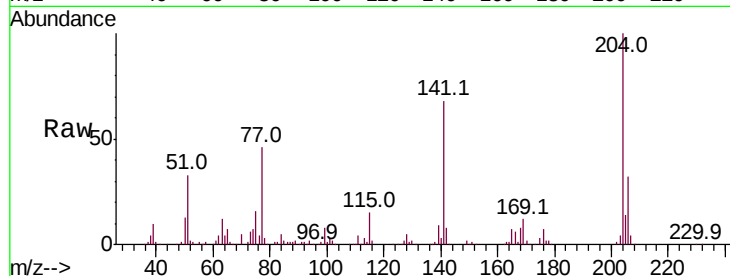




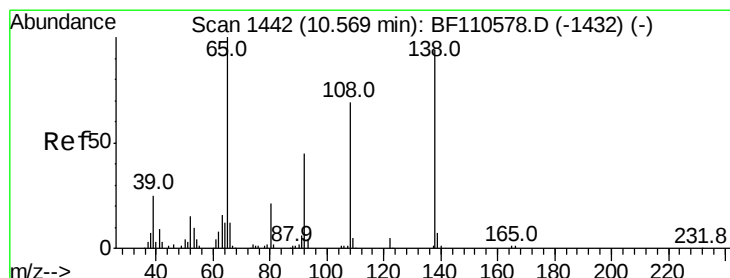
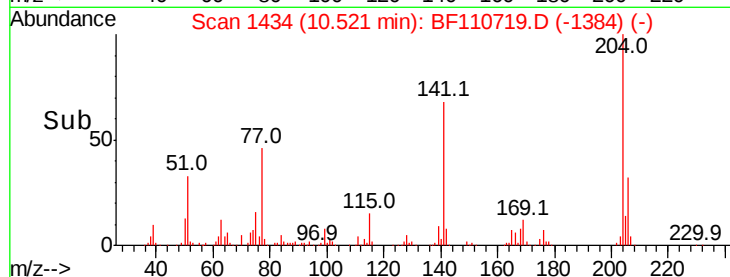
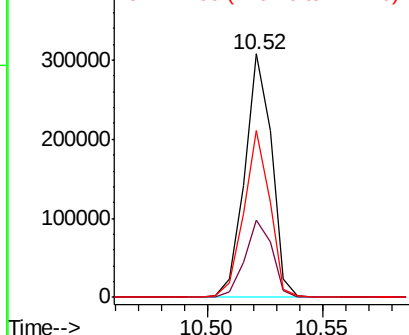
#61
4-Chlorophenyl-phenylether
Concen: 39.807 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 251947
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 68.4 51.8 77.8

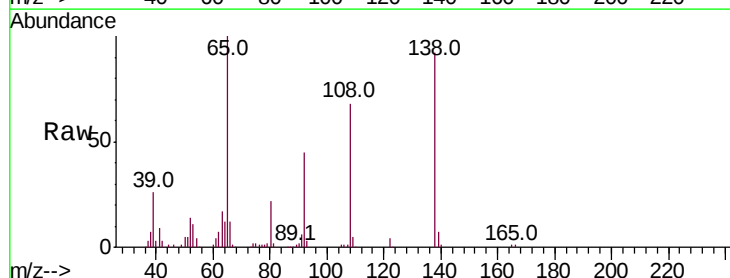


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

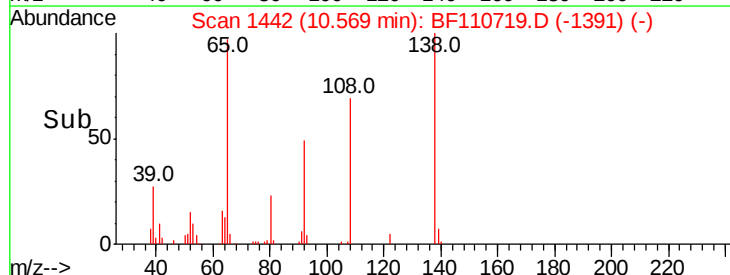
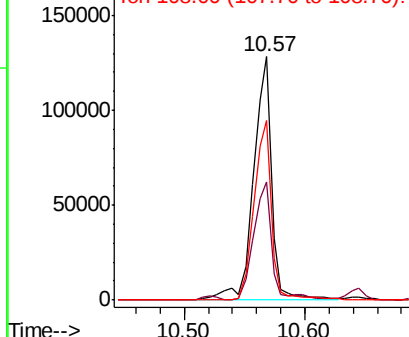


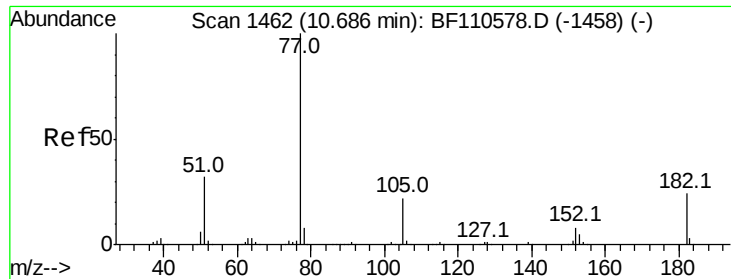
#62
4-Nitroaniline
Concen: 39.877 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion:138 Resp: 135803
Ion Ratio Lower Upper
138 100
92 48.6 31.7 71.7
108 73.8 59.3 99.3



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

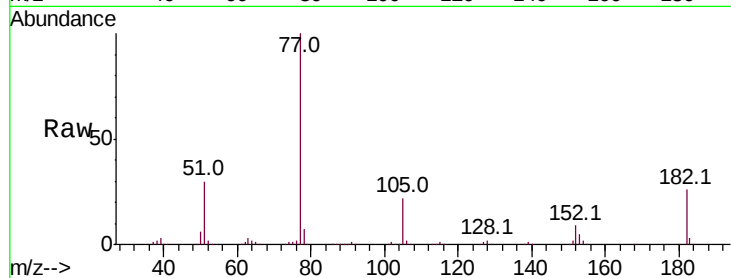




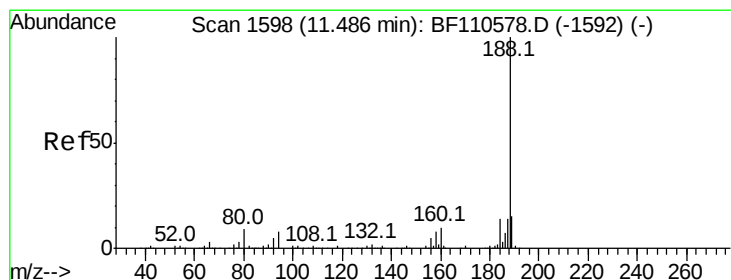
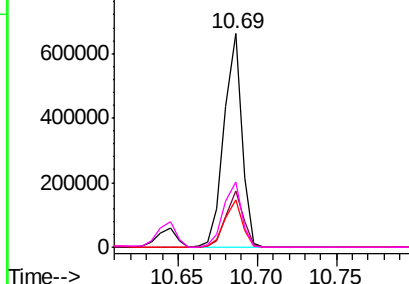
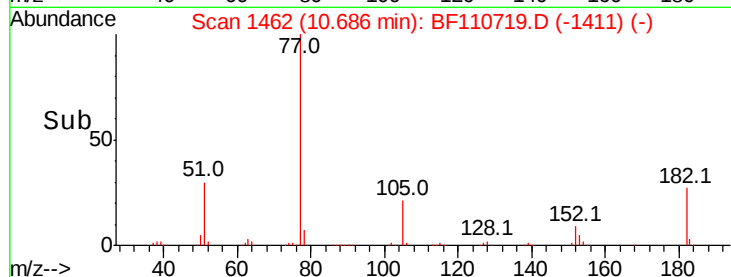
#63
Azobenzene
Concen: 40.565 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	4.3	44.3
105	22.5	1.3	41.3
51	30.5	9.0	49.0

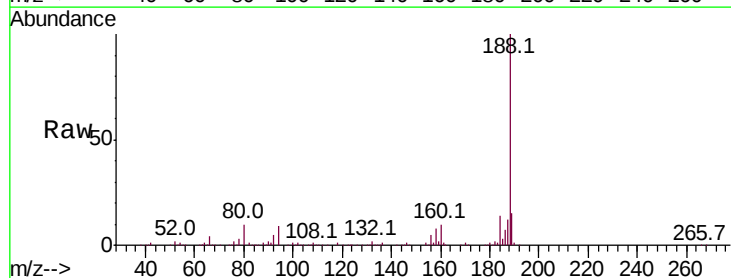


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

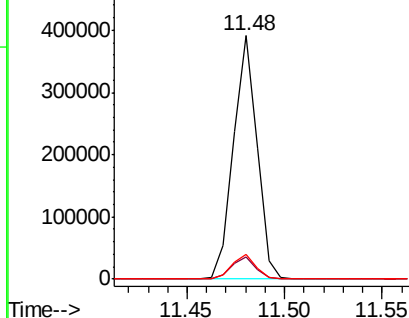
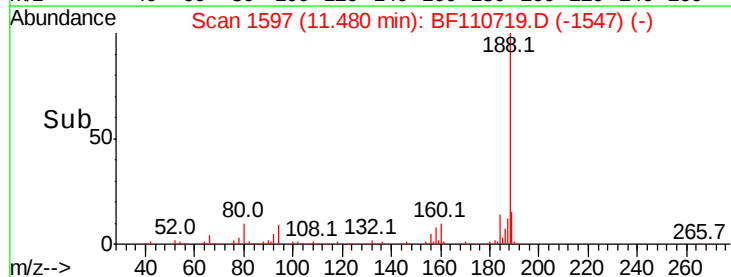


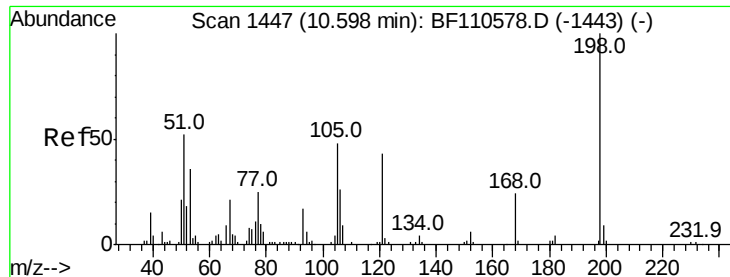
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.0	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 36.647 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

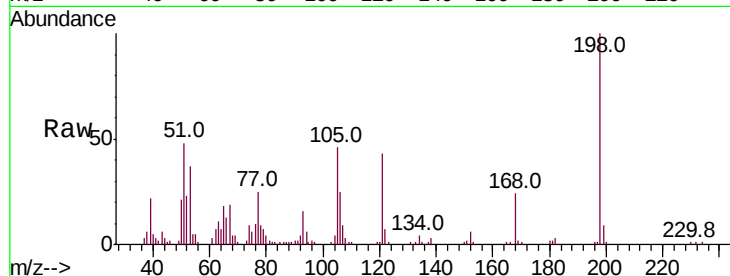
Tot Ion:198 Resp: 60908

Ion Ratio Lower Upper

198 100

51 48.0 22.8 62.8

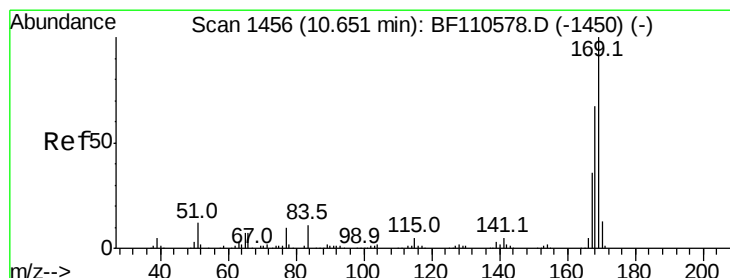
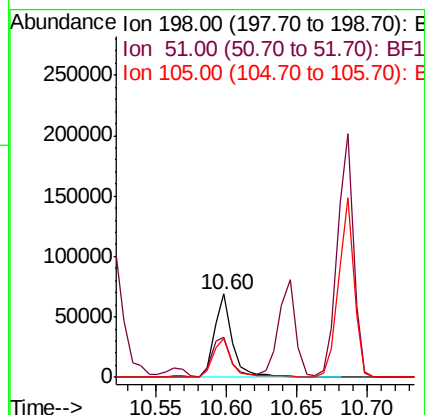
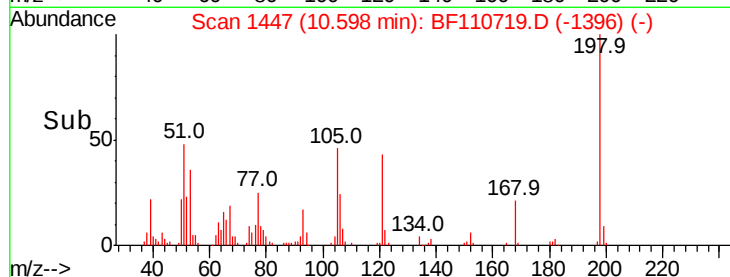
105 46.2 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.149 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

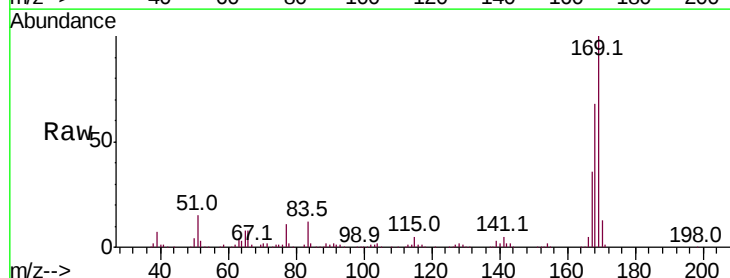
Tgt Ion:169 Resp: 446285

Ion Ratio Lower Upper

169 100

168 67.6 51.2 76.8

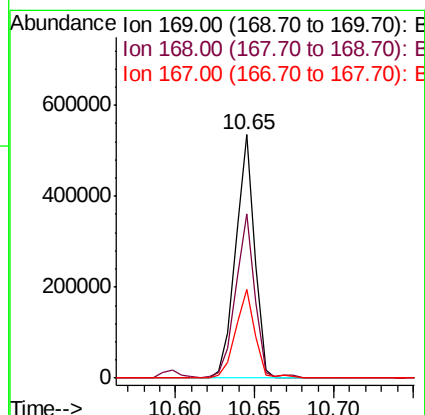
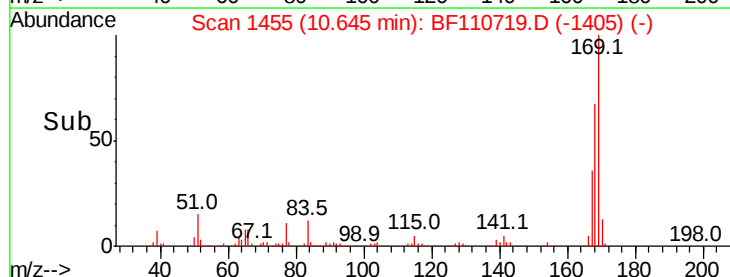
167 36.3 27.8 41.6

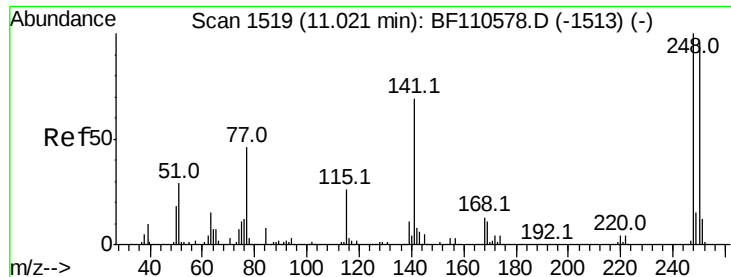


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

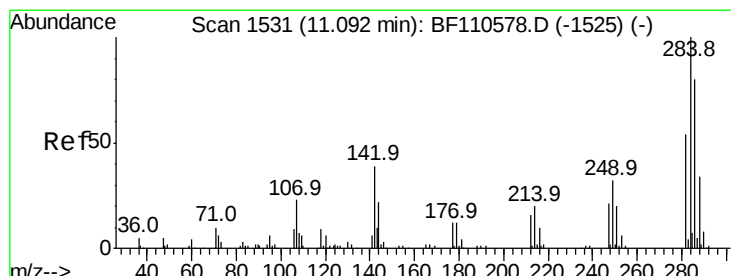
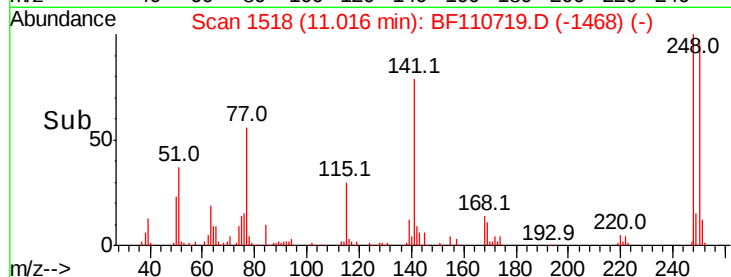
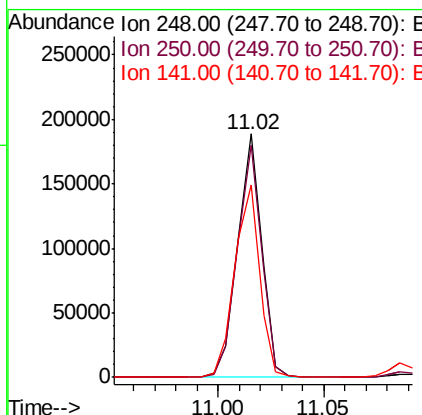
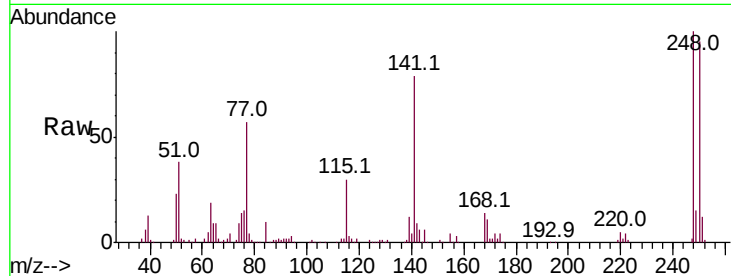




#67
 4-Bromophenyl-phenylether
 Concen: 40.737 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

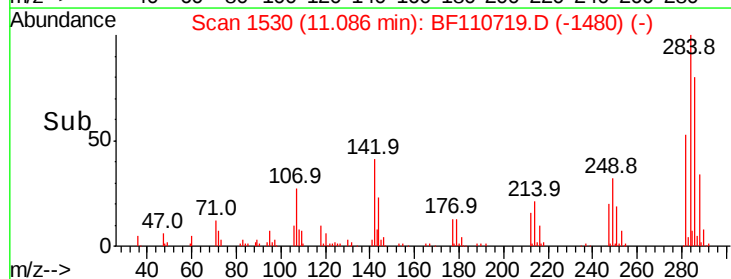
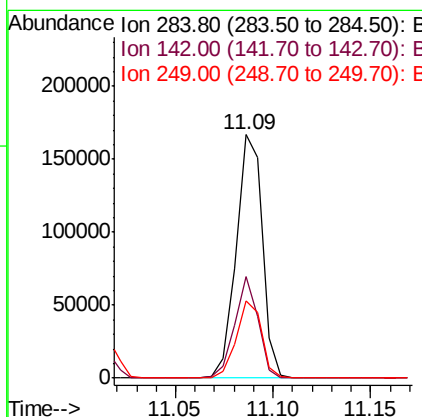
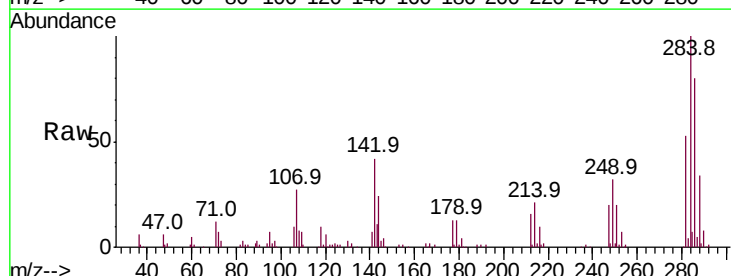
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

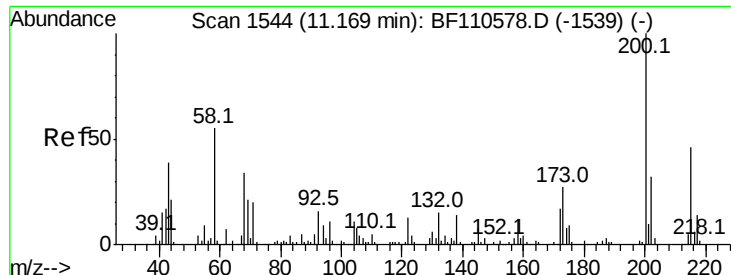
Tot Ion:248 Resp: 148475
 Ion Ratio Lower Upper
 248 100
 250 95.4 79.4 119.2
 141 79.0 55.9 83.9



#68
 Hexachlorobenzene
 Concen: 40.310 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Tgt Ion:284 Resp: 154896
 Ion Ratio Lower Upper
 284 100
 142 41.7 23.9 35.9#
 249 32.0 24.2 36.2





#69

Atrazine

Concen: 37.409 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

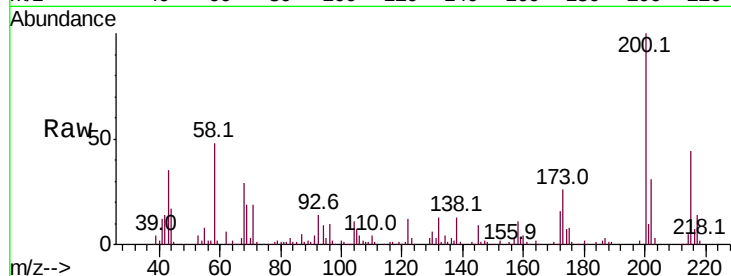
Tot Ion:200 Resp: 127143

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

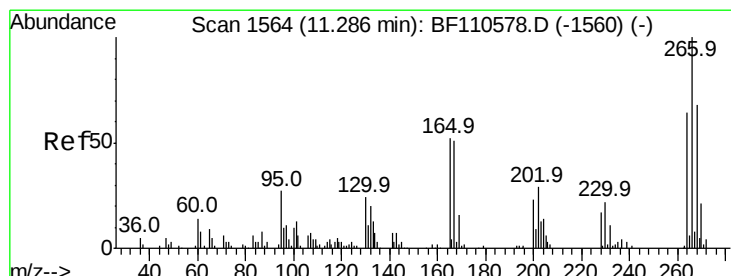
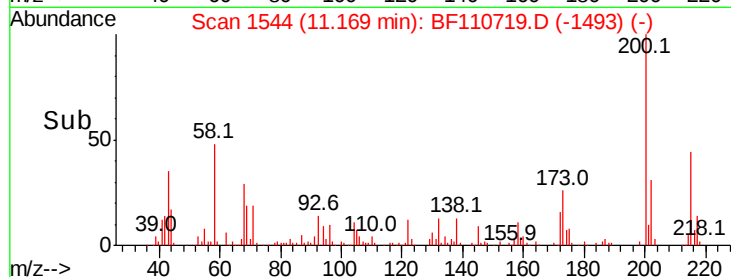
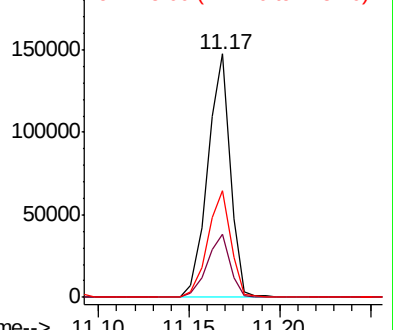
215 43.6 26.3 66.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 38.993 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

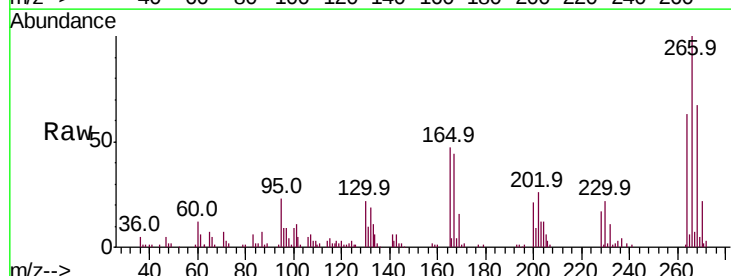
Tgt Ion:266 Resp: 79951

Ion Ratio Lower Upper

266 100

268 66.8 50.6 75.8

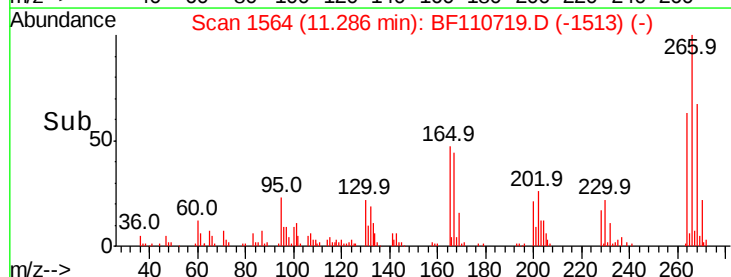
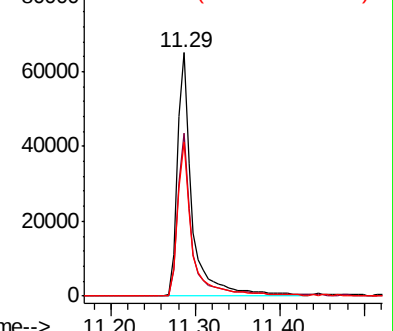
264 63.2 50.6 75.8

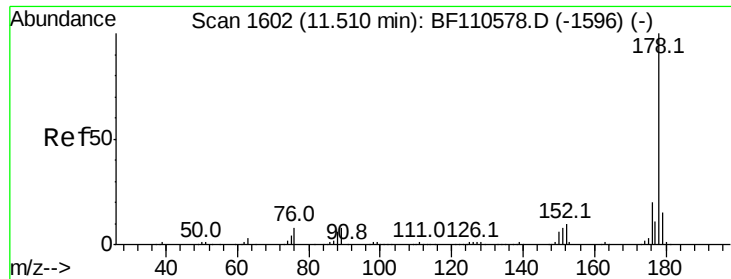


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

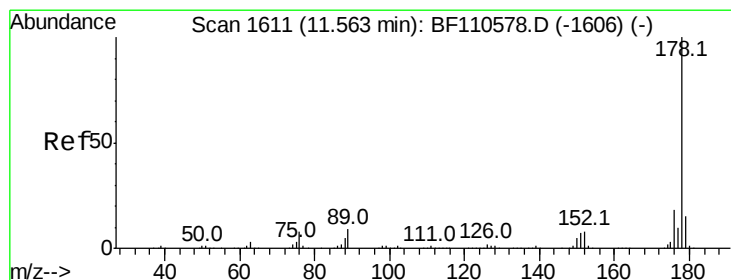
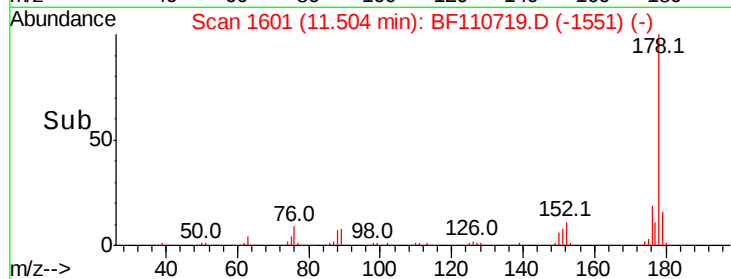
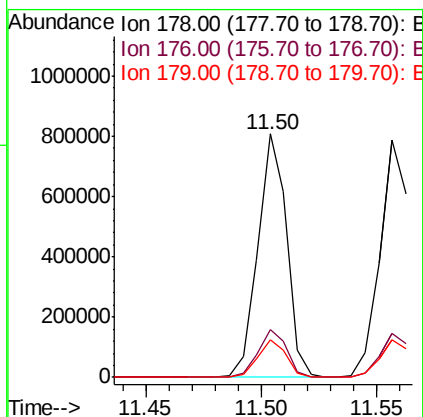
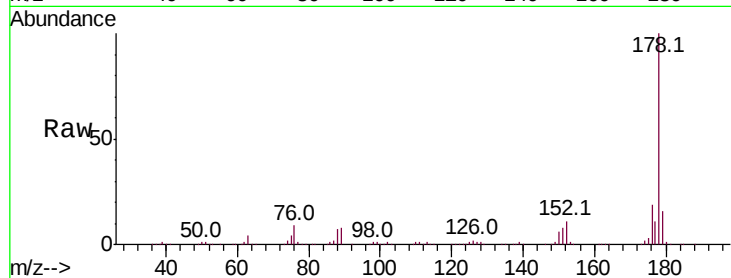




#71
Phenanthrene
Concen: 39.693 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

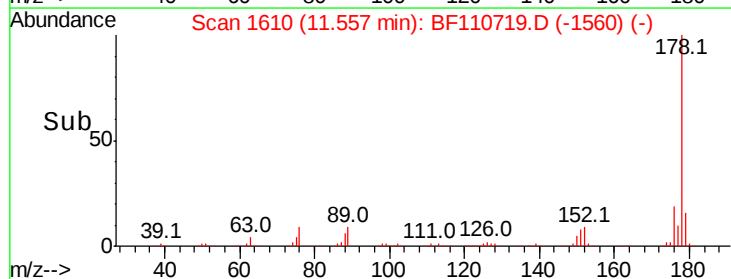
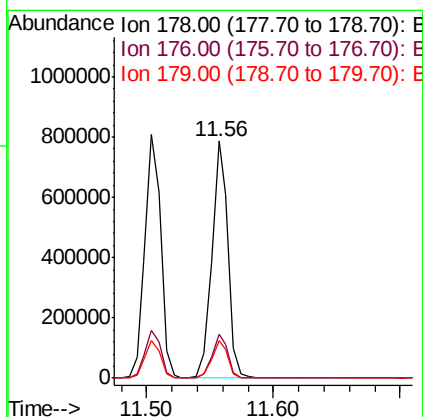
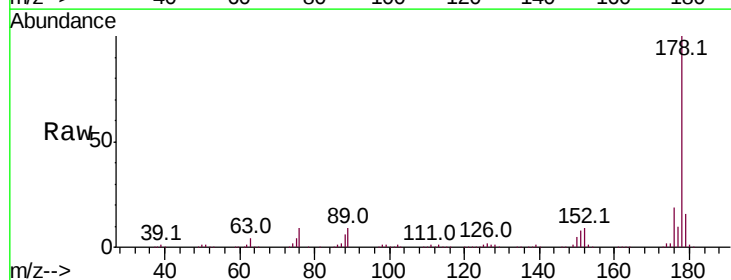
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

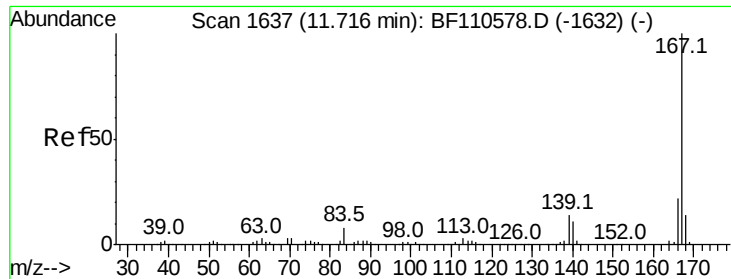
Tot Ion:178 Resp: 701292
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 39.563 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion:178 Resp: 705113
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.7 12.6 18.8

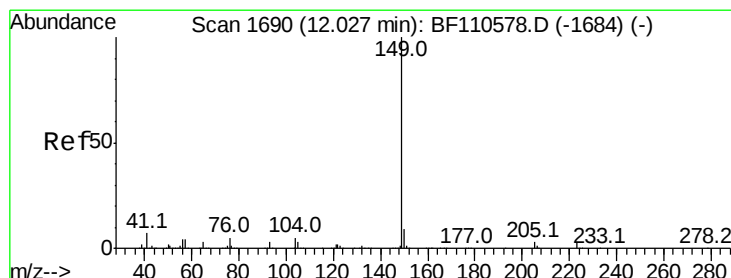
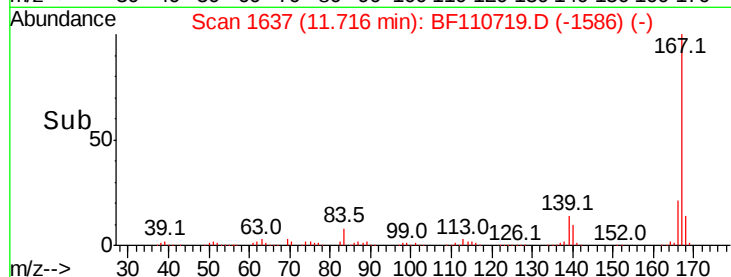
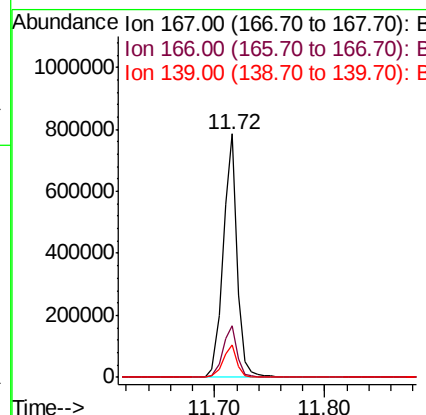
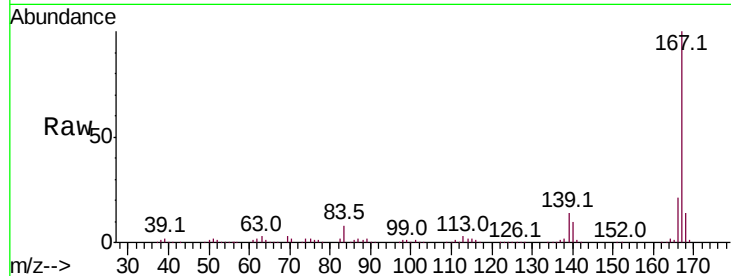




#73
 Carbazole
 Concen: 40.099 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

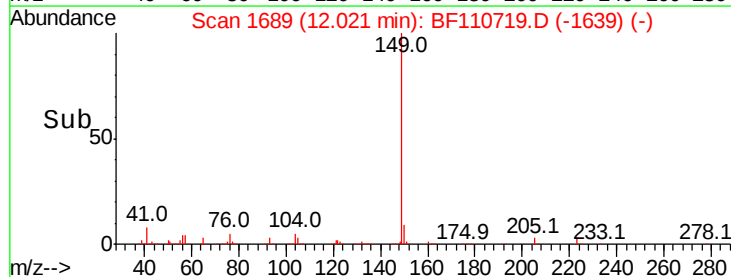
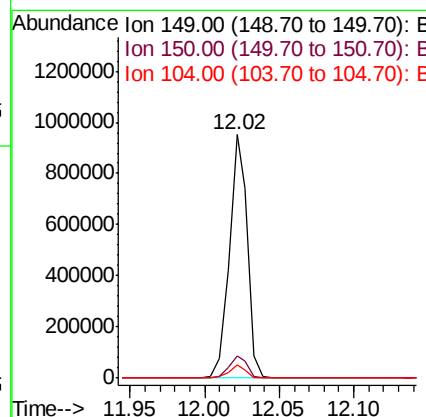
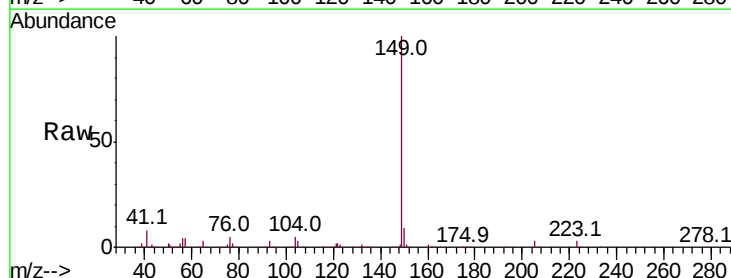
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

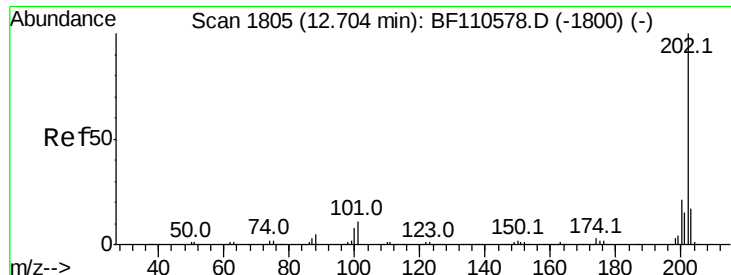
Tot Ion:167 Resp: 686345
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.404 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Tgt Ion:149 Resp: 810961
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.2 4.2 6.4

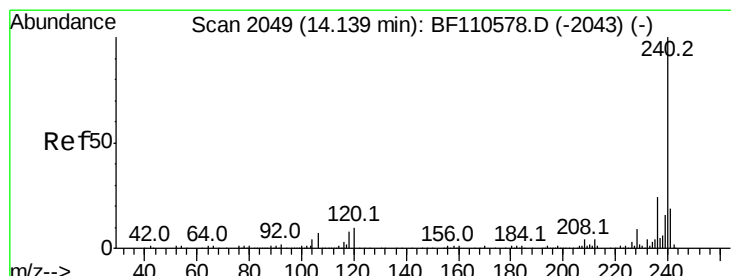
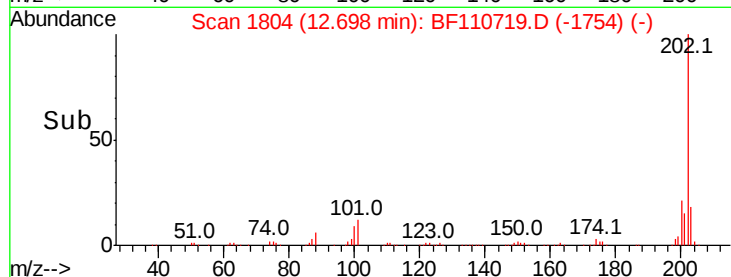
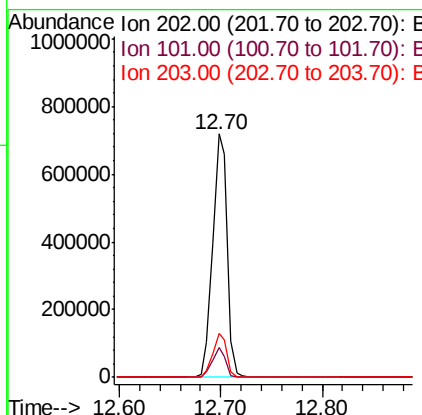
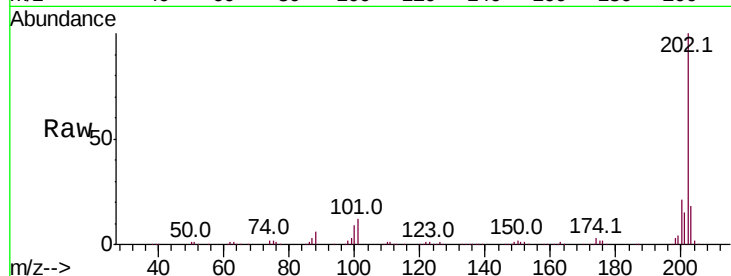




#75
 Fluoranthene
 Concen: 40.277 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

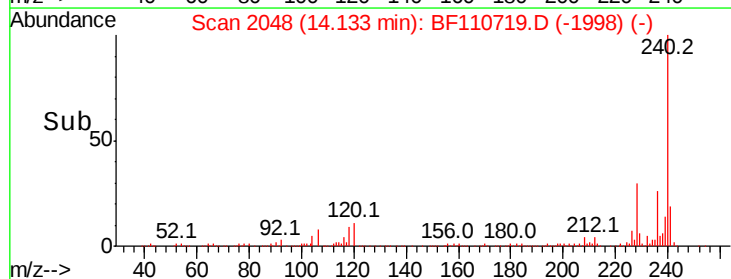
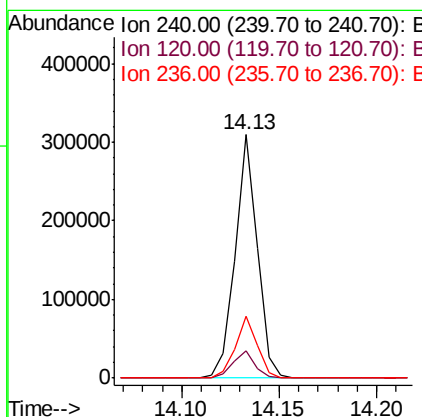
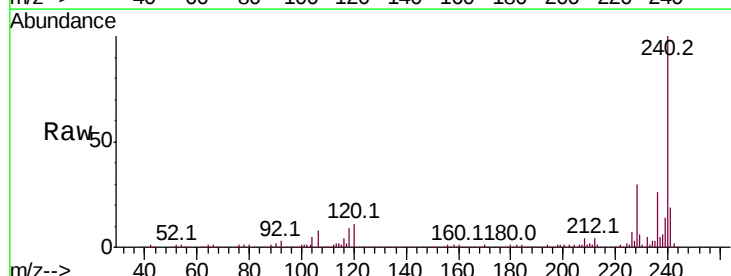
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

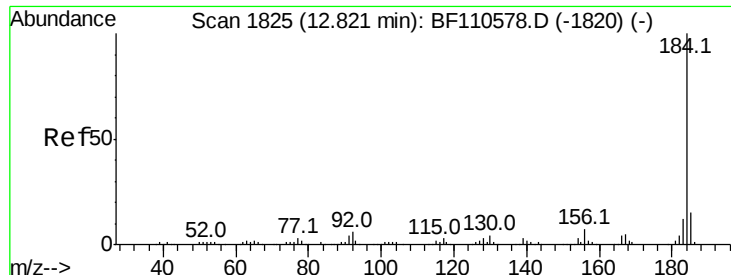
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.4
203	17.9	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.6	21.2	31.8

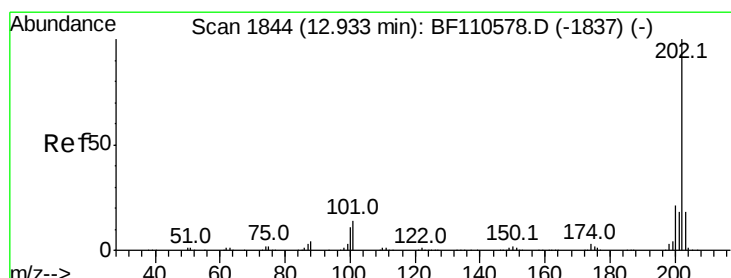
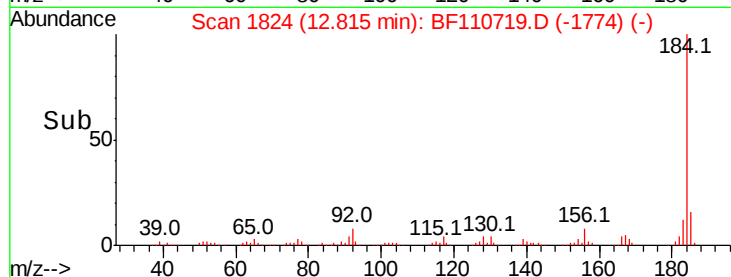
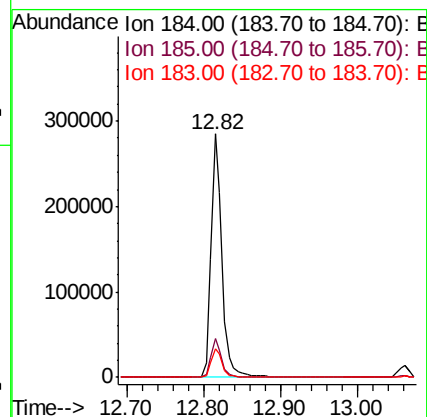
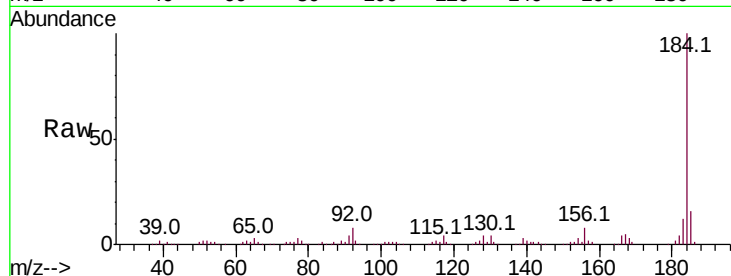




#77
Benzidine
Concen: 41.390 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

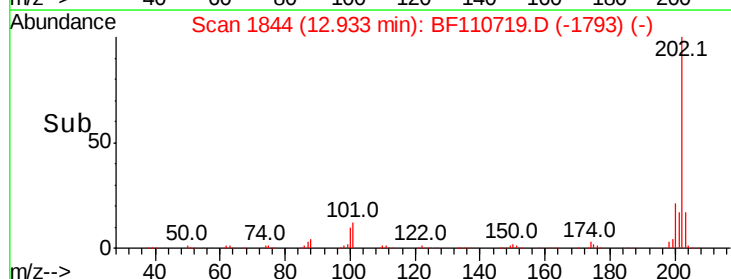
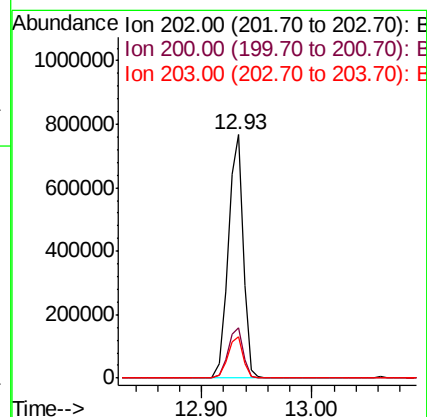
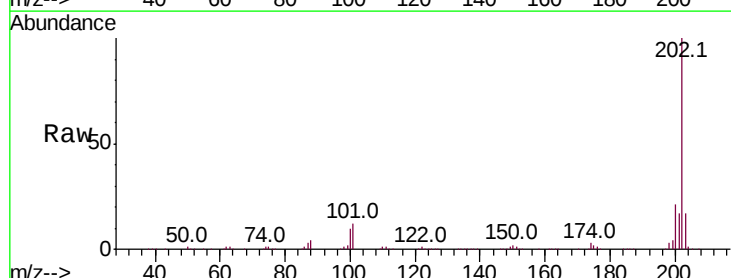
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

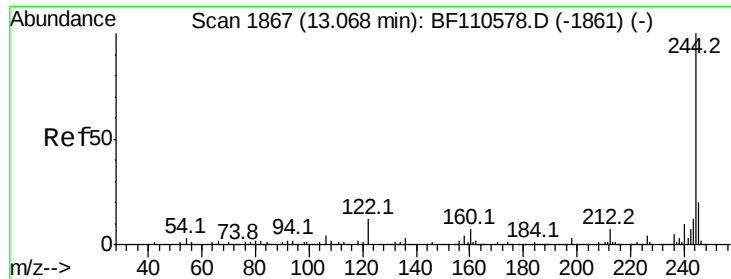
Tot Ion:184 Resp: 278125
Ion Ratio Lower Upper
184 100
185 16.1 13.4 20.2
183 11.8 9.4 14.2



#78
Pyrene
Concen: 38.791 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion:202 Resp: 729815
Ion Ratio Lower Upper
202 100
200 20.6 17.8 26.6
203 16.9 14.2 21.4





#79

Terphenyl-d14

Concen: 75.455 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

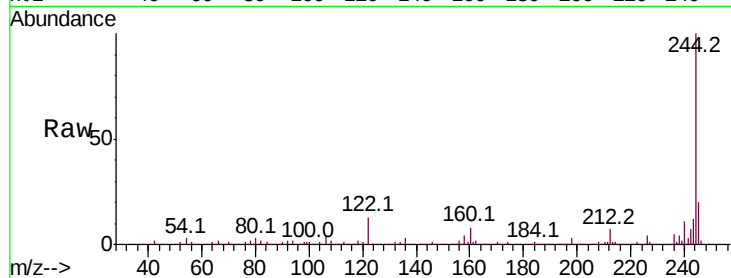
Tot Ion:244 Resp: 984497

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

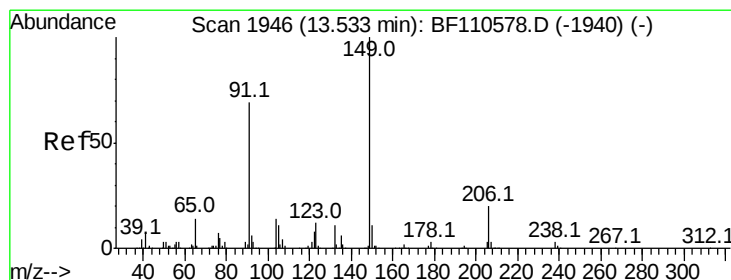
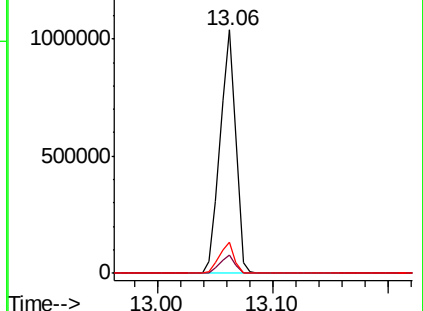
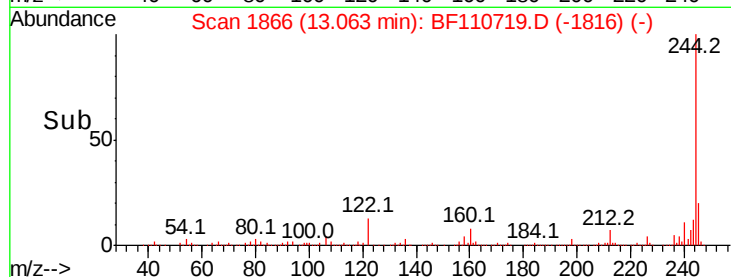
122 12.8 8.7 13.1



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: 40.237 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

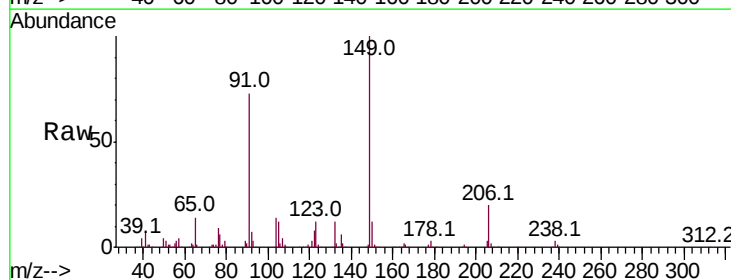
Tgt Ion:149 Resp: 325832

Ion Ratio Lower Upper

149 100

91 72.8 57.2 85.8

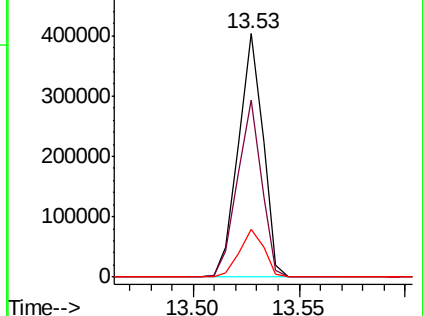
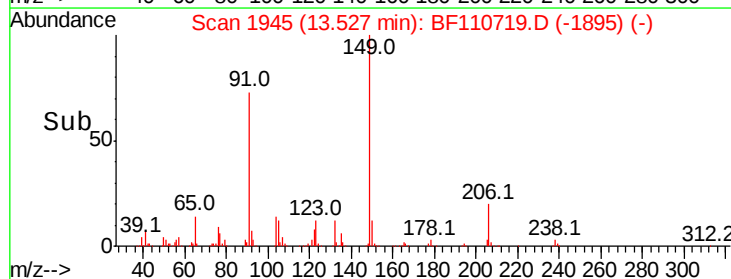
206 19.5 15.7 23.5

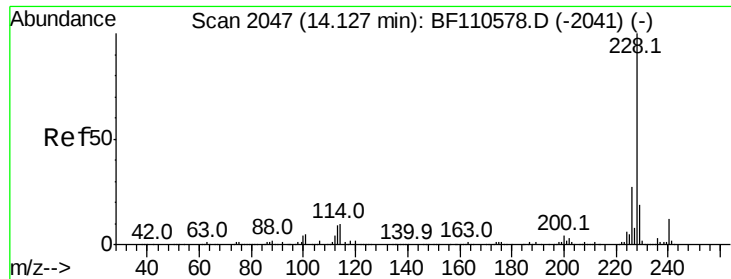


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.618 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

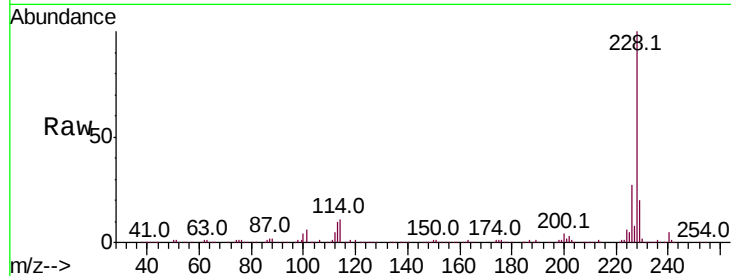
Tot Ion:228 Resp: 578618

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

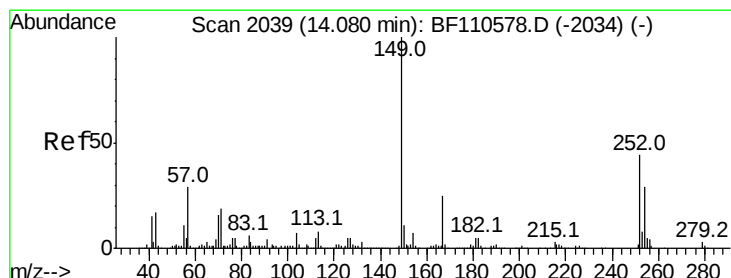
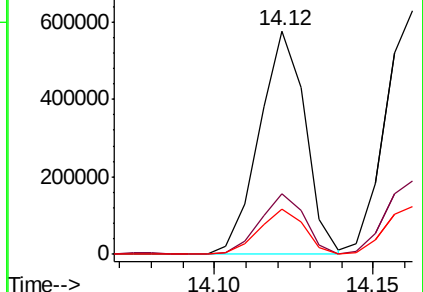
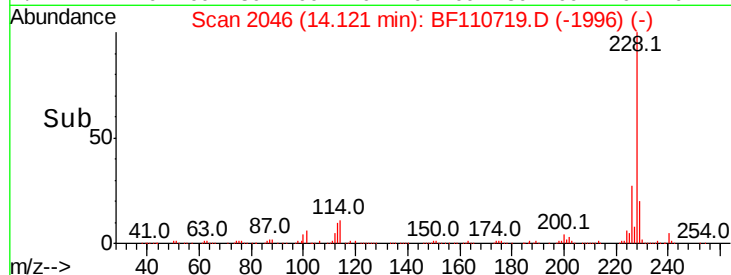
229 20.0 15.6 23.4



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: 38.710 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

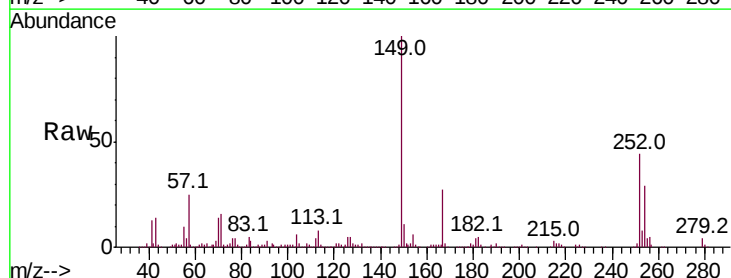
Tgt Ion:252 Resp: 189393

Ion Ratio Lower Upper

252 100

254 65.3 51.3 76.9

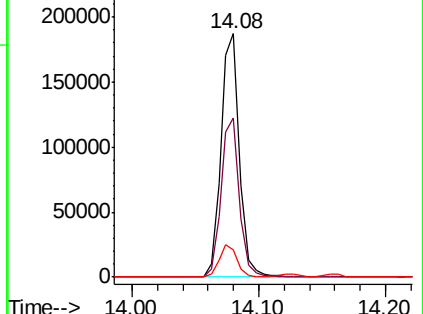
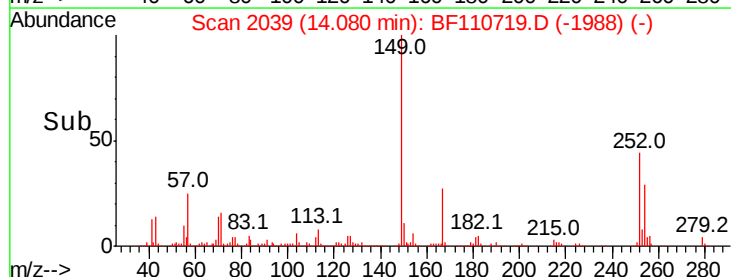
126 11.1 9.4 14.2

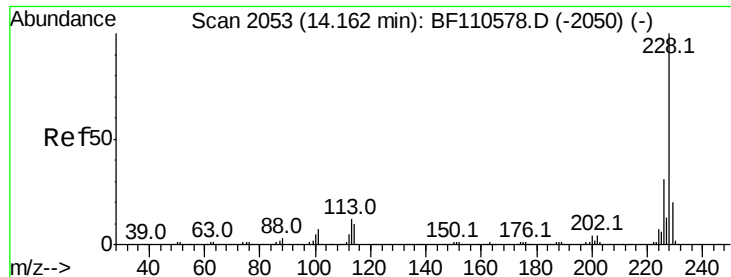


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.488 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

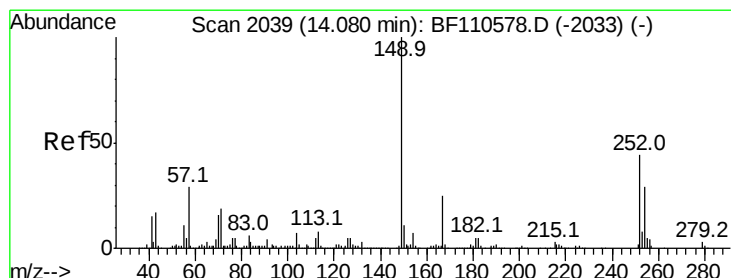
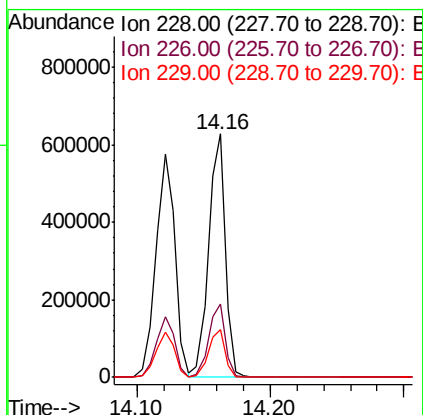
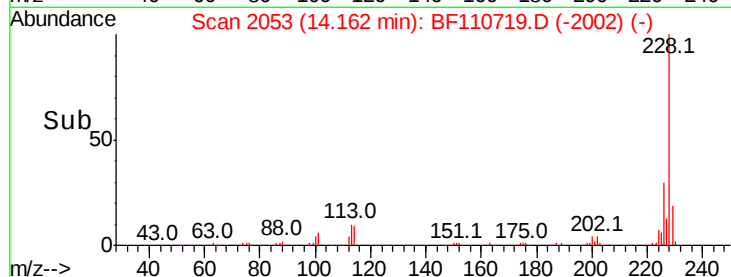
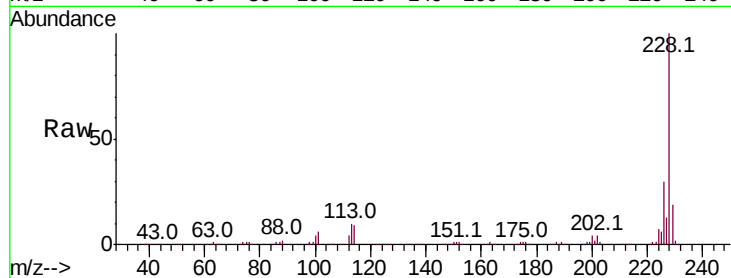
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 549440

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	19.5	15.9	23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.893 ng

RT: 14.07 min Scan# 2038

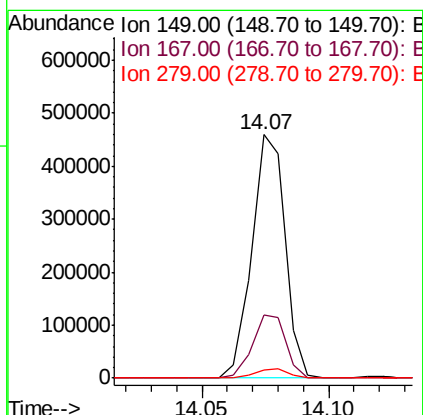
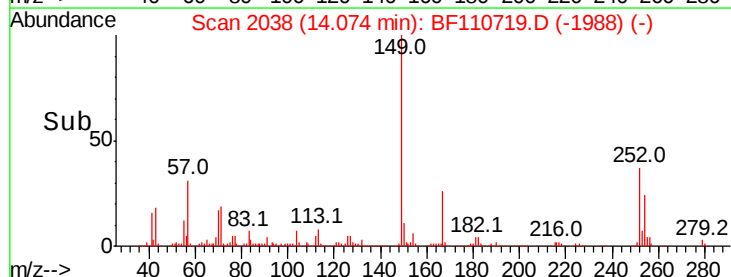
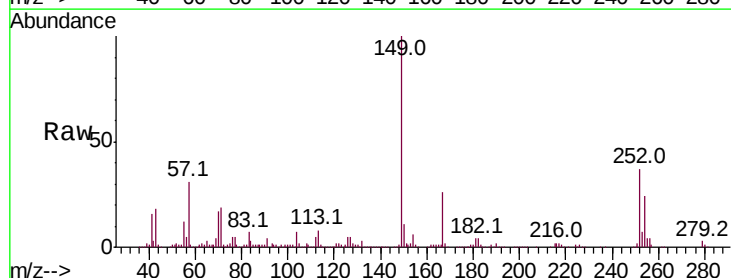
Delta R.T. -0.01 min

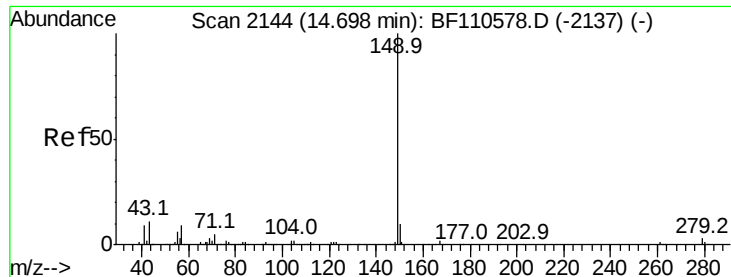
Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Tgt Ion:149 Resp: 420840

Ion	Ratio	Lower	Upper
149	100		
167	26.1	19.8	29.8
279	3.2	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 43.769 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

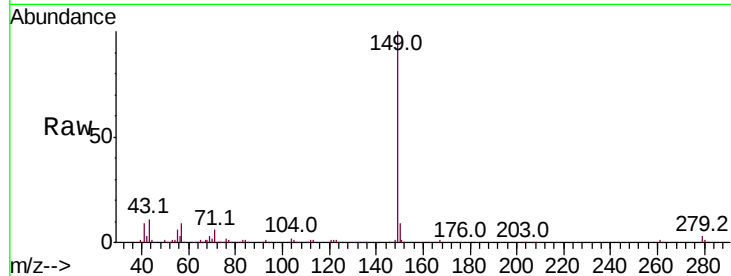
Tot Ion:149 Resp: 646569

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

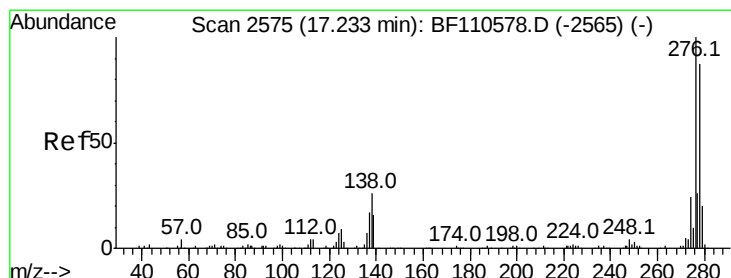
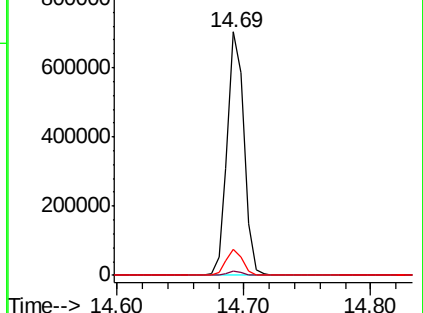
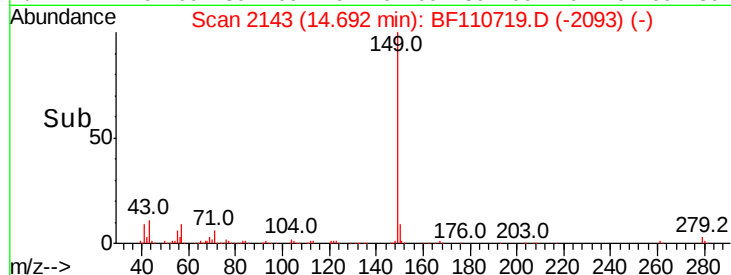
43 10.5 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.283 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

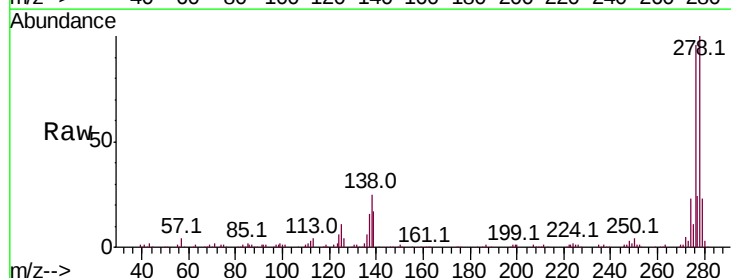
Tgt Ion:276 Resp: 382241

Ion Ratio Lower Upper

276 100

138 25.8 18.5 27.7

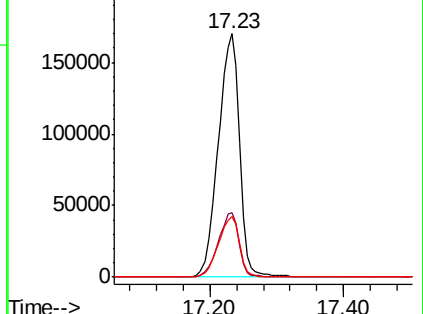
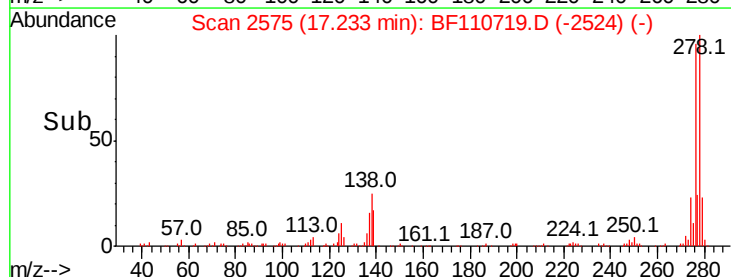
277 24.7 20.0 30.0

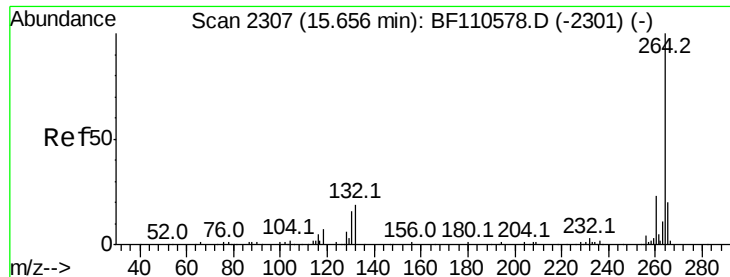


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

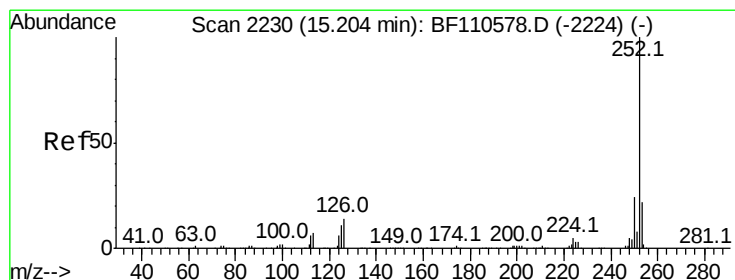
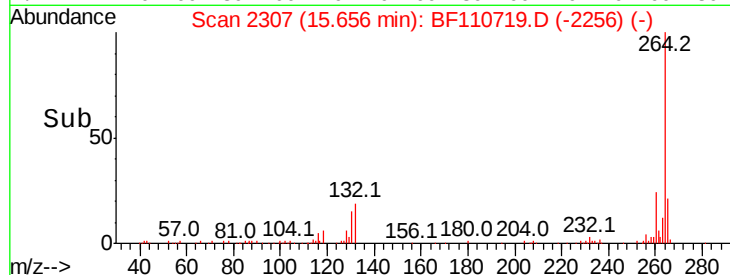
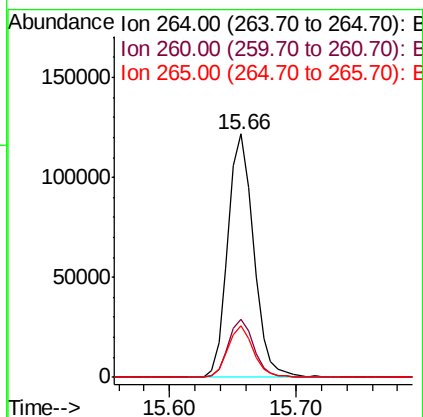
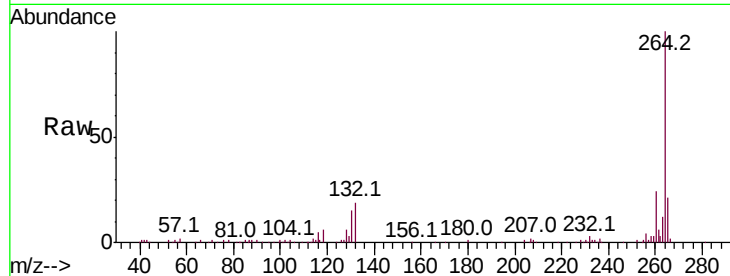




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

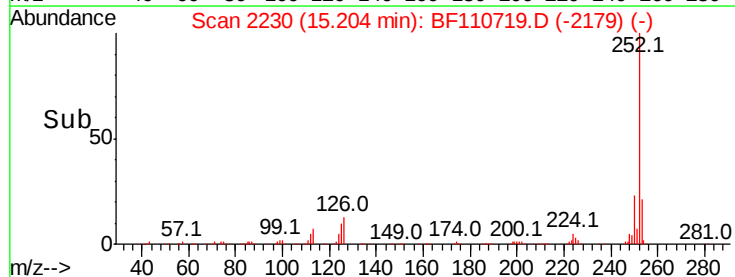
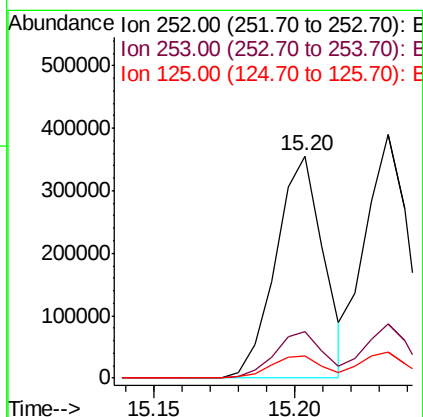
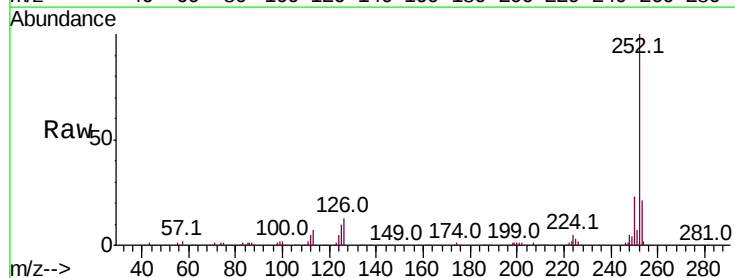
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

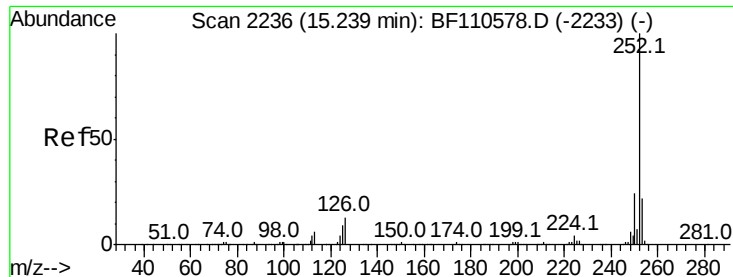
Tot Ion:264 Resp: 171882
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.3 16.7 25.1



#88
 Benzo(b)fluoranthene
 Concen: 40.488 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BF110719.D
 Acq: 13 Nov 2018 15:14

Tgt Ion:252 Resp: 416317
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.2 25.8
 125 10.1 8.2 12.4

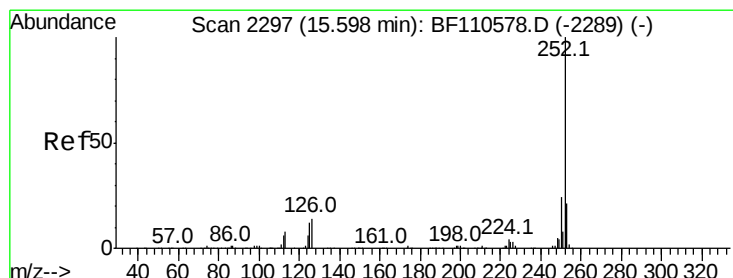
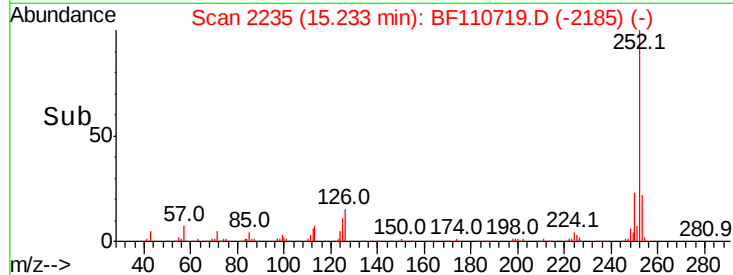
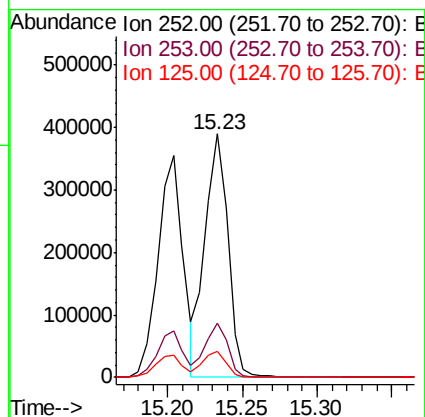
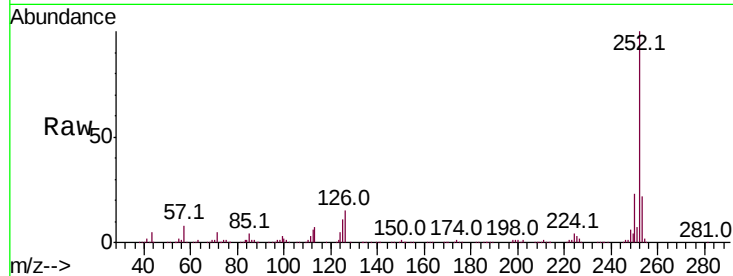




#89
Benzo(k)fluoranthene
Concen: 40.760 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

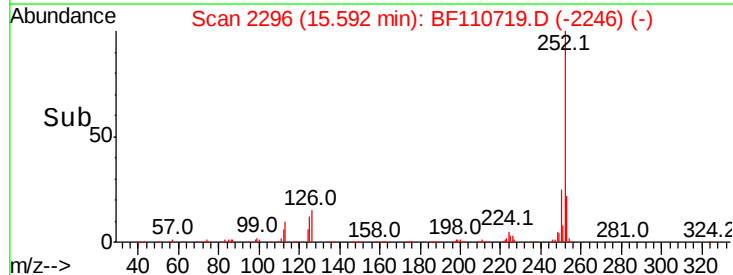
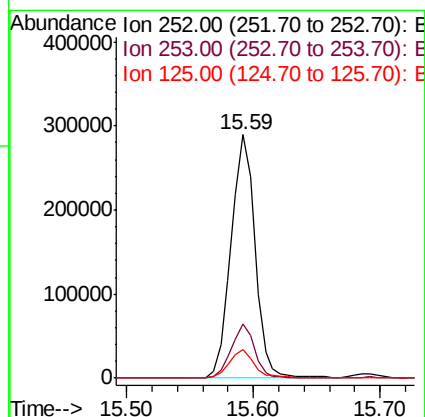
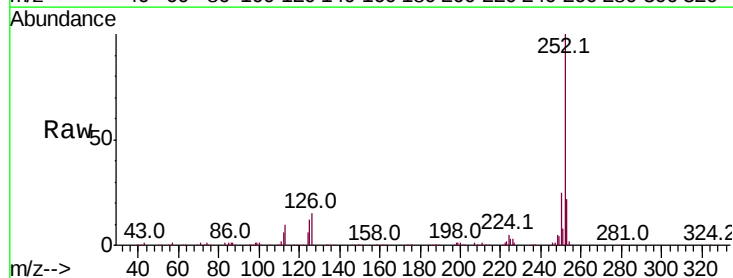
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

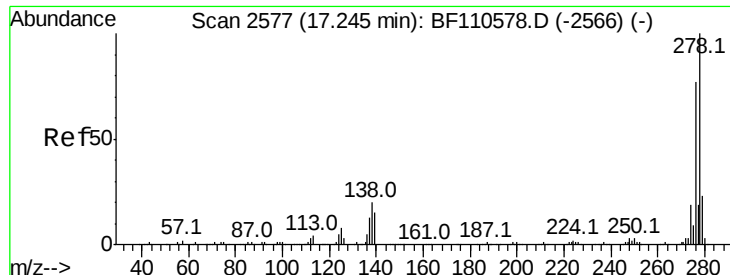
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.8	7.4	11.0



#90
Benzo(a)pyrene
Concen: 40.574 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110719.D
Acq: 13 Nov 2018 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	11.8	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 39.803 ng

RT: 17.23 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

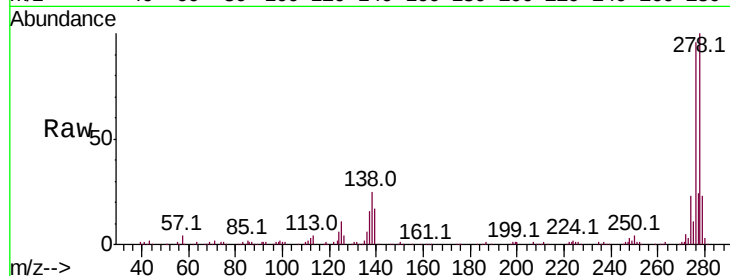
Tot Ion:278 Resp: 314687

Ion Ratio Lower Upper

278 100

139 16.8 12.7 19.1

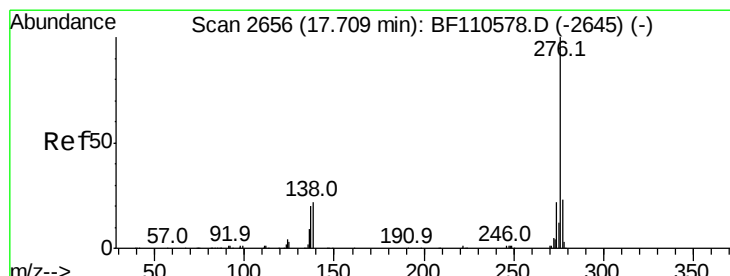
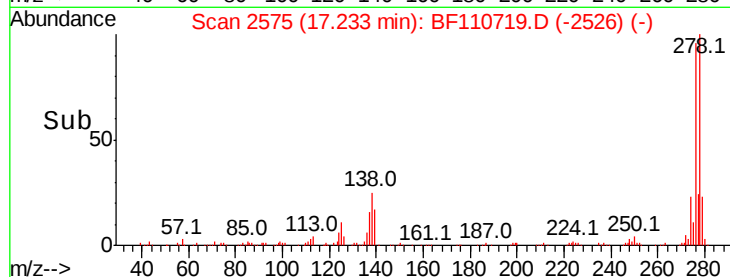
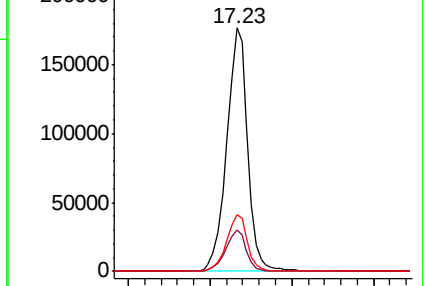
279 23.5 19.0 28.4



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: 40.133 ng

RT: 17.70 min Scan# 2655

Delta R.T. -0.01 min

Lab File: BF110719.D

Acq: 13 Nov 2018 15:14

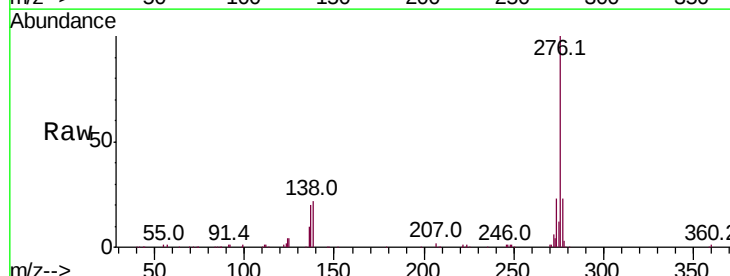
Tgt Ion:276 Resp: 314814

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 21.7 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

