

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110697.D
 Acq On : 13 Nov 2018 2:33
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 13 05:42:47 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	80647	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	326205	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	138906	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	212099	20.00	ng	0.00
76) Chrysene-d12	14.13	240	146955	20.00	ng	0.00
87) Perylene-d12	15.66	264	116206	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	410262	82.63	ng	0.00
7) Phenol-d6	6.57	99	509001	80.17	ng	0.00
23) Nitrobenzene-d5	7.52	82	468869	82.78	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	88013	62.88	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	827987	85.13	ng	0.00
79) Terphenyl-d14	13.06	244	612773	78.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	102708	41.518	ng	92
3) Pyridine	3.55	79	231966	43.441	ng	86
4) n-Nitrosodimethylamine	3.51	42	98312	42.909	ng	92
6) Aniline	6.61	93	321409	38.819	ng	# 54
8) 2-Chlorophenol	6.73	128	234033	40.209	ng	99
9) Benzaldehyde	6.50	77	147042	44.369	ng	97
10) Phenol	6.59	94	293027	39.803	ng	# 67
11) bis(2-Chloroethyl)ether	6.68	93	219803	39.839	ng	95
12) 1,3-Dichlorobenzene	6.89	146	257744	40.472	ng	98
13) 1,4-Dichlorobenzene	6.96	146	259670	40.154	ng	97
14) 1,2-Dichlorobenzene	7.12	146	244027	40.563	ng	99
15) Benzyl Alcohol	7.09	79	195272	39.302	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	345156	39.836	ng	70
17) 2-Methylphenol	7.19	107	182422	39.381	ng	# 82
18) Hexachloroethane	7.45	117	85397	35.769	ng	91
19) n-Nitroso-di-n-propylamine	7.36	70	162775	40.164	ng	96
20) 3+4-Methylphenols	7.19	107	182448	30.682	ng	77
22) Acetophenone	7.36	105	316025	41.569	ng	# 96
24) Nitrobenzene	7.53	77	240604	41.459	ng	96
25) Isophorone	7.76	82	375225	40.417	ng	98
26) 2-Nitrophenol	7.85	139	93114	32.162	ng	97
27) 2,4-Dimethylphenol	7.87	122	179016	40.600	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	258773	41.168	ng	99
29) 2,4-Dichlorophenol	8.09	162	182718	40.273	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	207118	40.490	ng	96
31) Naphthalene	8.25	128	615004	40.161	ng	100
32) Benzoic acid	8.02	122	14675	4.704	ng	90
33) 4-Chloroaniline	8.30	127	265359	38.256	ng	99
34) Hexachlorobutadiene	8.36	225	119865	41.025	ng	98
35) Caprolactam	8.67	113	53147	35.062	ng	90
36) 4-Chloro-3-methylphenol	8.77	107	188218	38.466	ng	99
37) 2-Methylnaphthalene	8.94	142	393146	39.163	ng	98
38) 1-Methylnaphthalene	9.04	142	369184	38.240	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	190079	43.230	ng	99

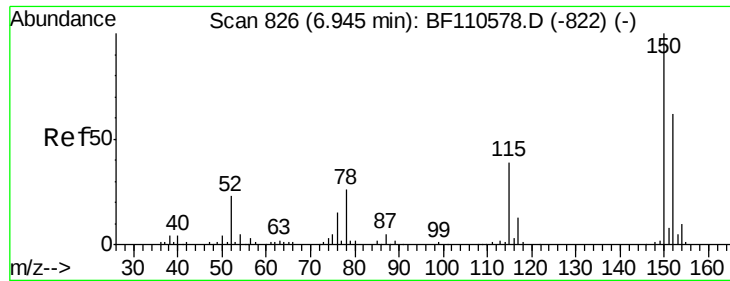
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110697.D
 Acq On : 13 Nov 2018 2:33
 Operator : JU/SJ
 Sample : SSTDCCC040
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 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	6736	11.179	ng	96
43) 2,4,6-Trichlorophenol	9.22	196	108792	39.374	ng	98
44) 2,4,5-Trichlorophenol	9.27	196	108975	36.975	ng	95
46) 1,1'-Biphenyl	9.40	154	543766	41.964	ng	100
47) 2-Chloronaphthalene	9.43	162	384411	41.178	ng	99
48) 2-Nitroaniline	9.53	65	123112	42.795	ng	95
49) Acenaphthylene	9.85	152	539584	40.135	ng	99
50) Dimethylphthalate	9.70	163	438474	42.304	ng	99
51) 2,6-Dinitrotoluene	9.77	165	87533	38.391	ng	88
52) Acenaphthene	10.02	154	332676	39.155	ng	97
53) 3-Nitroaniline	9.95	138	109955	41.625	ng	94
55) Dibenzofuran	10.19	168	484618	38.986	ng	98
56) 4-Nitrophenol	10.10	139	48177	27.491	ng	96
57) 2,4-Dinitrotoluene	10.18	165	102960	34.730	ng	94
58) Fluorene	10.54	166	360440	37.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	68059	29.354	ng	97
60) Diethylphthalate	10.40	149	425243	41.471	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	197443	39.939	ng	97
62) 4-Nitroaniline	10.56	138	102992	38.719	ng	92
63) Azobenzene	10.69	77	381736	38.157	ng	97
66) n-Nitrosodiphenylamine	10.65	169	332969	46.575	ng	96
67) 4-Bromophenyl-phenylether	11.02	248	106915	45.610	ng	95
68) Hexachlorobenzene	11.09	284	105754	42.791	ng	# 90
69) Atrazine	11.16	200	90060	41.200	ng	96
70) Pentachlorophenol	11.29	266	34288	26.001	ng	99
71) Phenanthrene	11.50	178	458519	40.351	ng	100
72) Anthracene	11.56	178	468935	40.910	ng	99
73) Carbazole	11.71	167	434883	39.505	ng	100
74) Di-n-butylphthalate	12.02	149	584777	45.299	ng	99
75) Fluoranthene	12.70	202	423651	37.187	ng	99
77) Benzidine	12.82	184	181519	44.916	ng	97
78) Pyrene	12.93	202	424452	37.512	ng	98
80) Butylbenzylphthalate	13.53	149	201831	41.442	ng	99
81) Benzo(a)anthracene	14.12	228	354598	40.370	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	131970	44.850	ng	98
83) Chrysene	14.16	228	341108	40.762	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	275062	45.528	ng	98
85) Di-n-octyl phthalate	14.69	149	453380	51.031	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	246461	41.043	ng	97
88) Benzo(b)fluoranthene	15.20	252	278627	40.080	ng	99
89) Benzo(k)fluoranthene	15.23	252	277982	40.468	ng	99
90) Benzo(a)pyrene	15.59	252	251539	39.824	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	208970	39.095	ng	98
92) Benzo(g,h,i)perylene	17.70	276	197176	37.180	ng	98

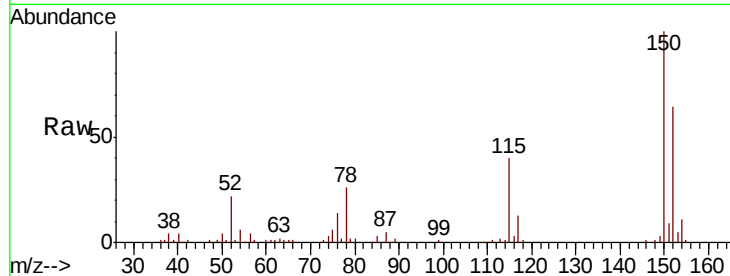
(#) = qualifier out of range (m) = manual integration (+) = signals summed



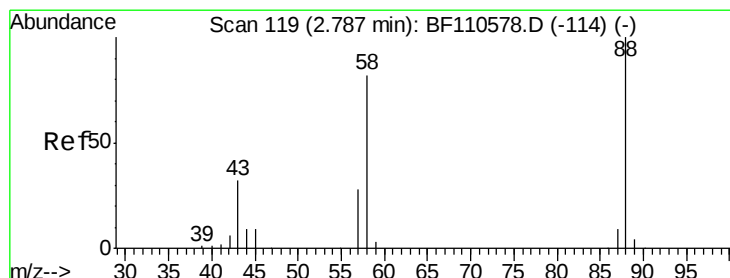
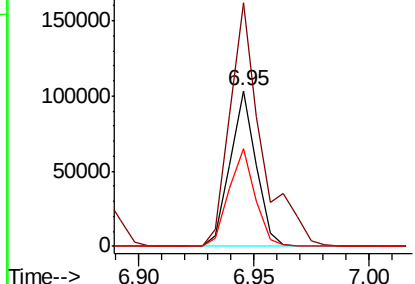
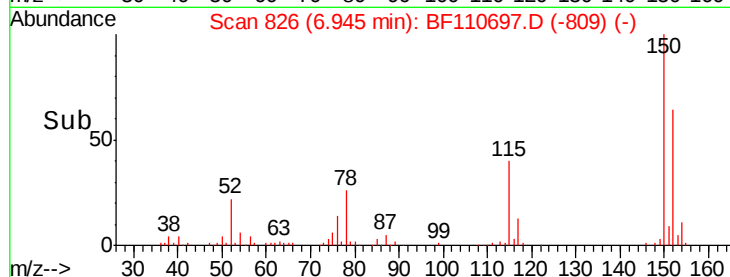
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 80647
 Ion Ratio Lower Upper
 152 100
 150 156.4 122.7 184.1
 115 62.6 49.1 73.7

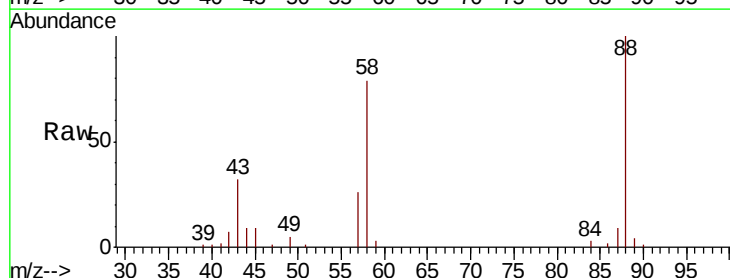


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

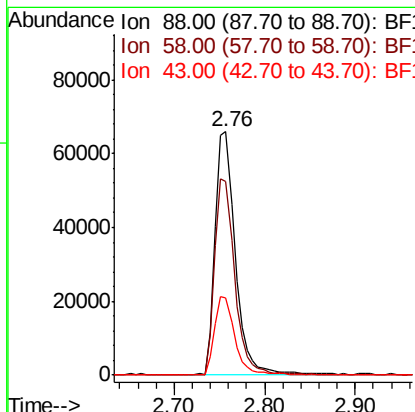
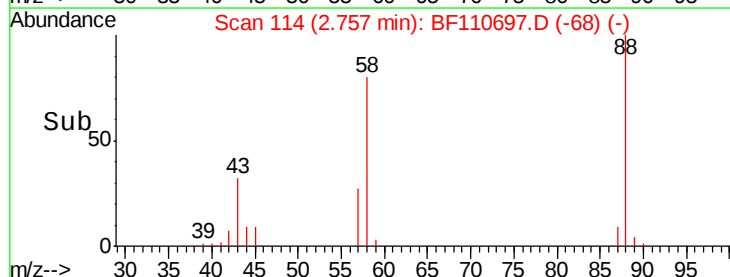


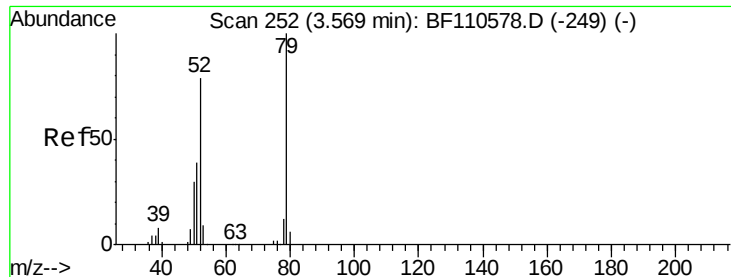
#2
 1,4-Dioxane
 Concen: 41.518 ng
 RT: 2.76 min Scan# 114
 Delta R.T. -0.03 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

Tgt Ion: 88 Resp: 102708
 Ion Ratio Lower Upper
 88 100
 58 79.6 57.1 85.7
 43 32.0 24.1 36.1



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





#3

Pyridine

Concen: 43.441 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.02 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

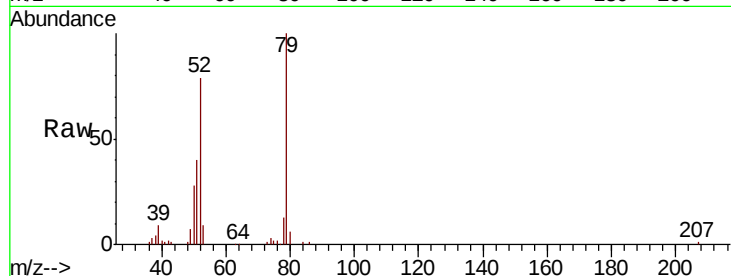
Tgt Ion: 79 Resp: 231966

Ion Ratio Lower Upper

79 100

52 79.0 53.1 79.7

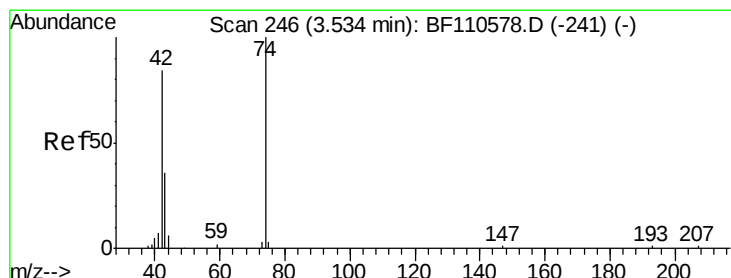
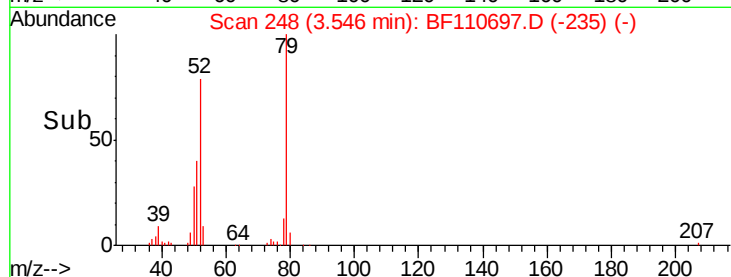
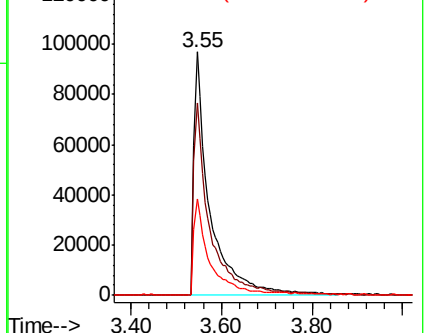
51 39.6 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.909 ng

RT: 3.51 min Scan# 242

Delta R.T. -0.02 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

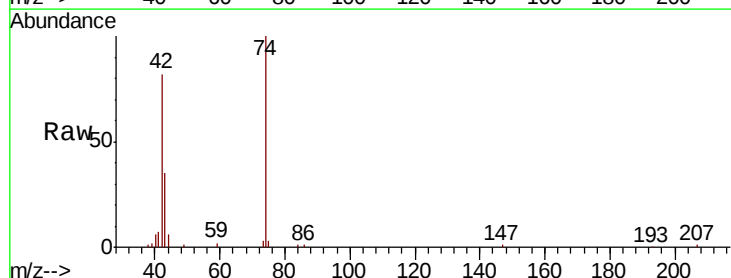
Tgt Ion: 42 Resp: 98312

Ion Ratio Lower Upper

42 100

74 121.9 105.5 158.3

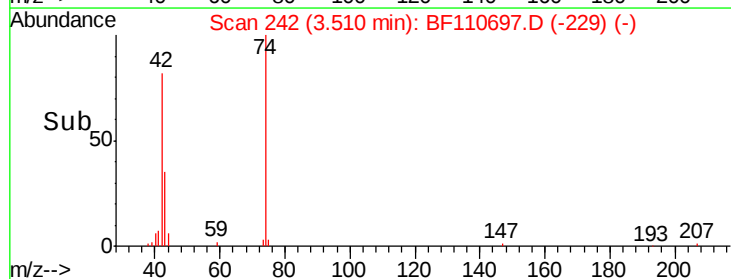
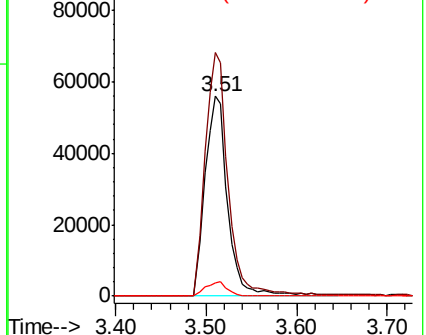
44 6.8 4.9 7.3

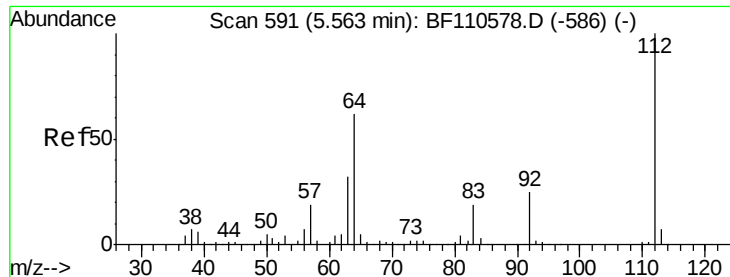


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

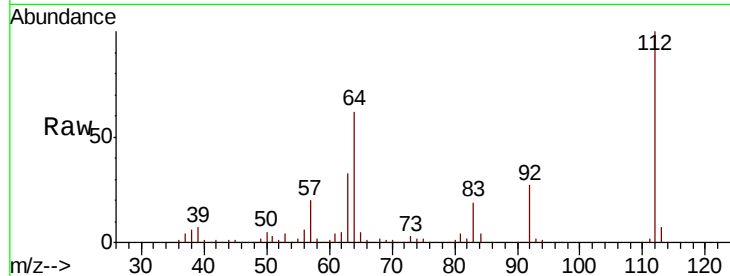




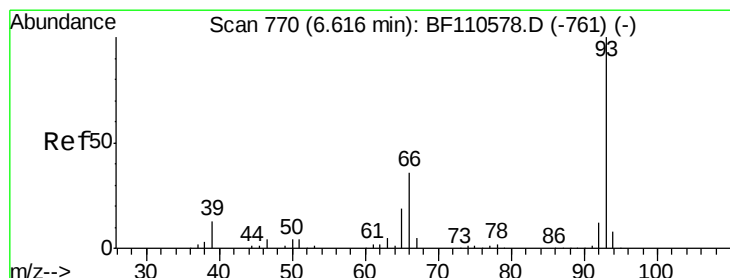
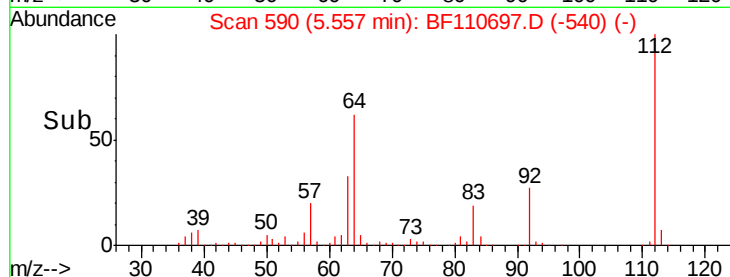
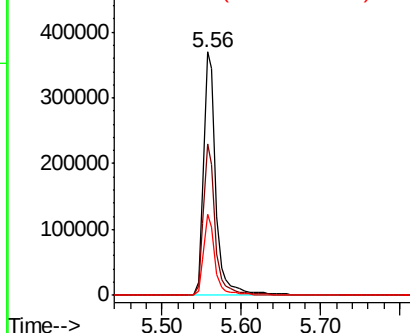
#5
 2-Fluorophenol
 Concen: 82.631 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	44.1	66.1
63	33.3	23.7	35.5

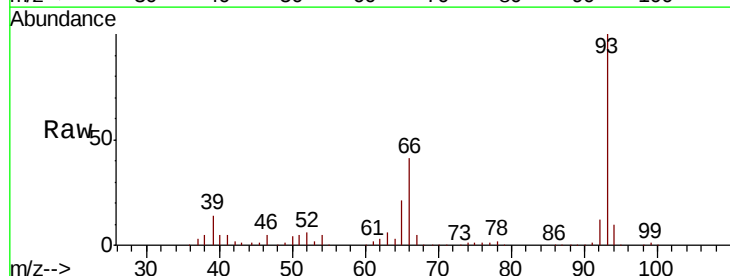


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

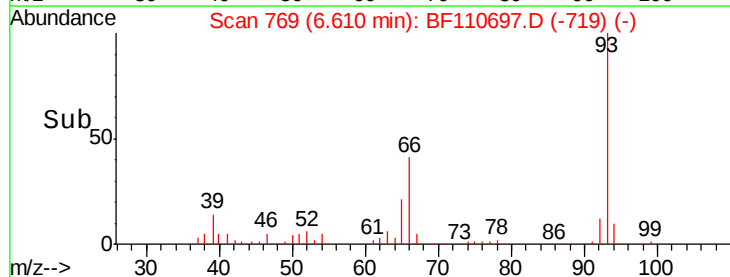
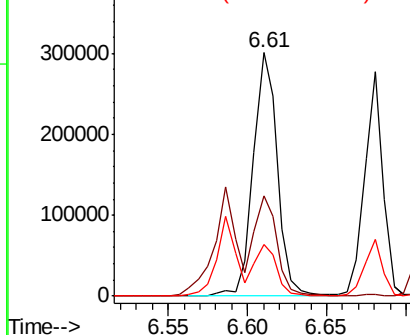


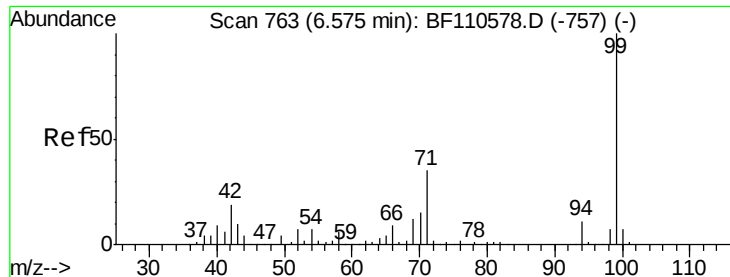
#6
 Aniline
 Concen: 38.819 ng
 RT: 6.61 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.2	67.4	101.0#
65	21.3	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: 80.170 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

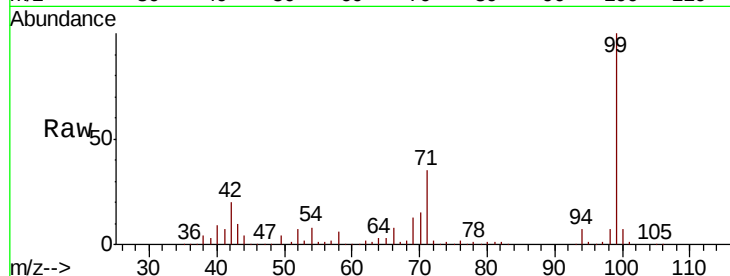
Tgt Ion: 99 Resp: 509001

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

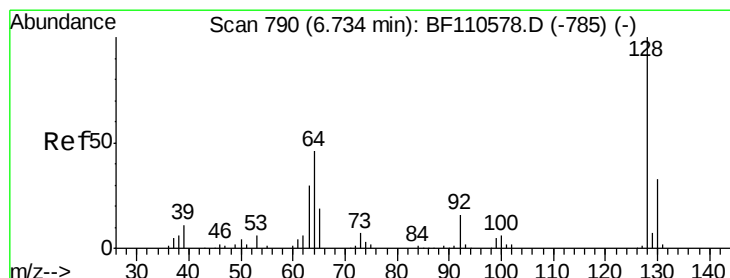
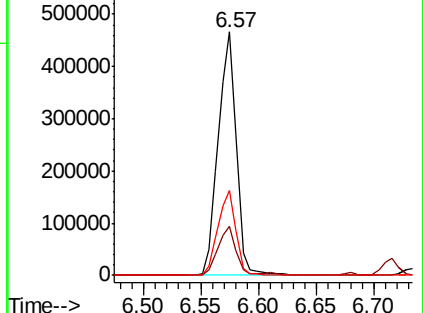
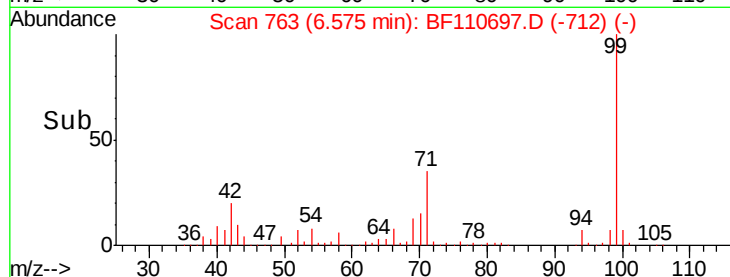
71 34.8 28.0 42.0



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: 40.209 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

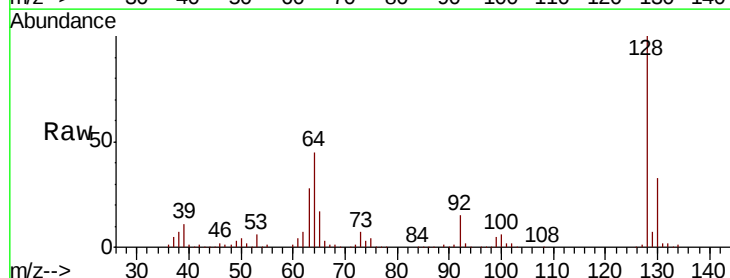
Tgt Ion: 128 Resp: 234033

Ion Ratio Lower Upper

128 100

130 33.2 13.1 53.1

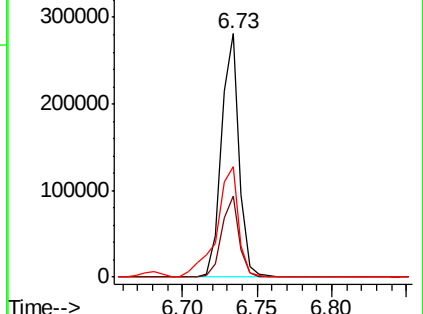
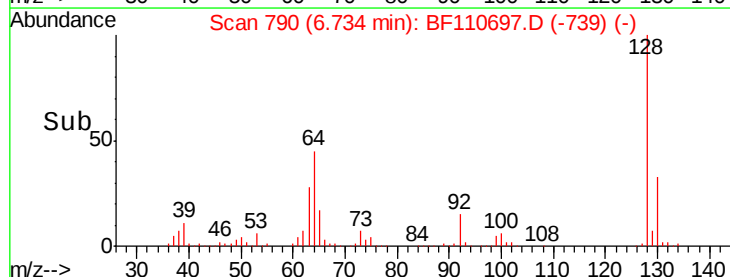
64 45.5 26.0 66.0

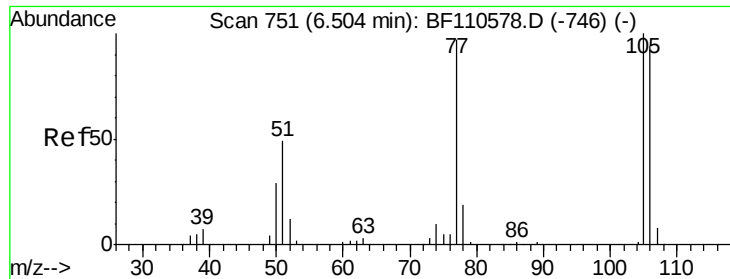


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 44.369 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

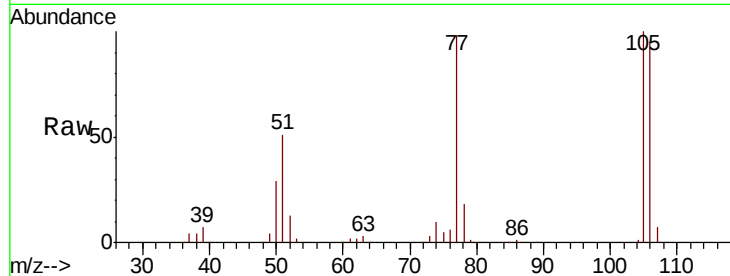
Tgt Ion: 77 Resp: 147042

Ion Ratio Lower Upper

77 100

105 101.7 78.6 118.6

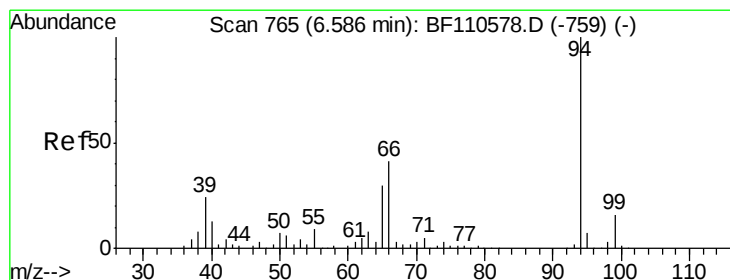
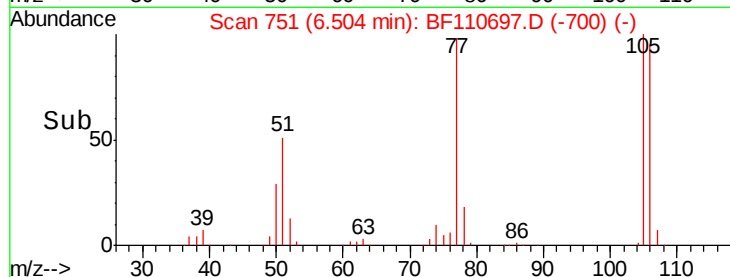
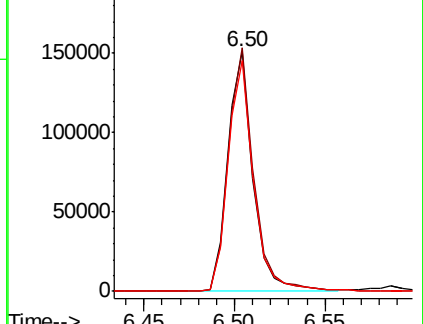
106 96.7 74.8 114.8



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: 39.803 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

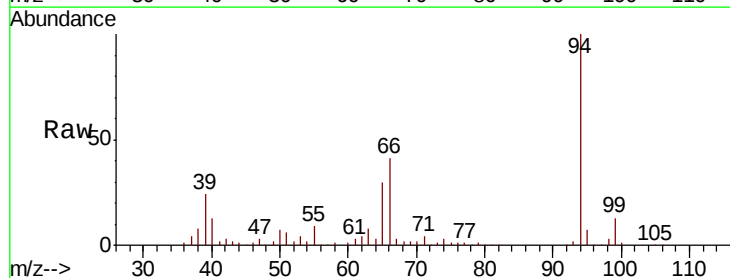
Tgt Ion: 94 Resp: 293027

Ion Ratio Lower Upper

94 100

65 30.0 25.3 65.3

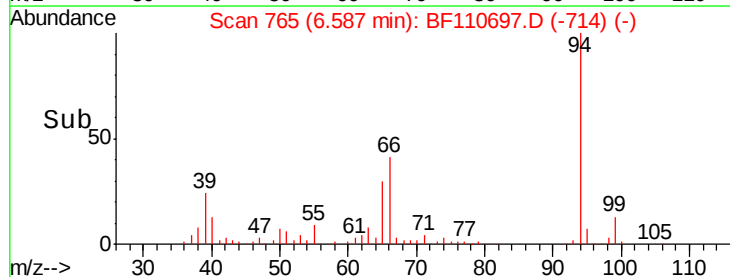
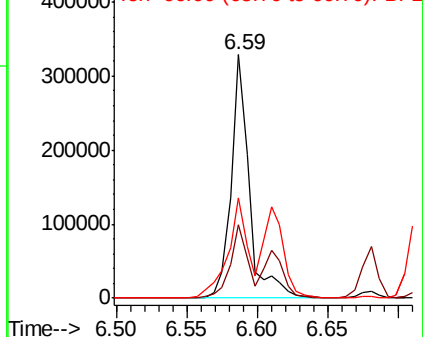
66 41.3 54.5 94.5#

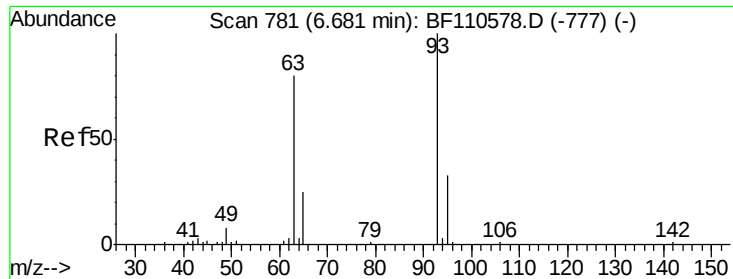


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

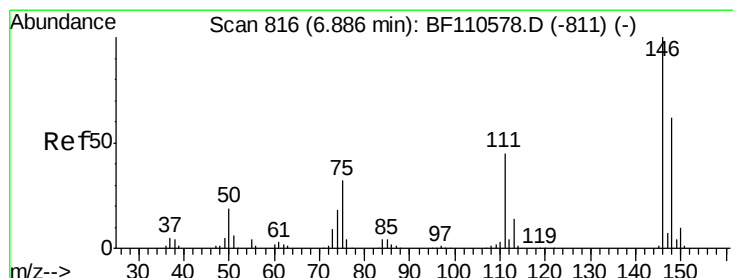
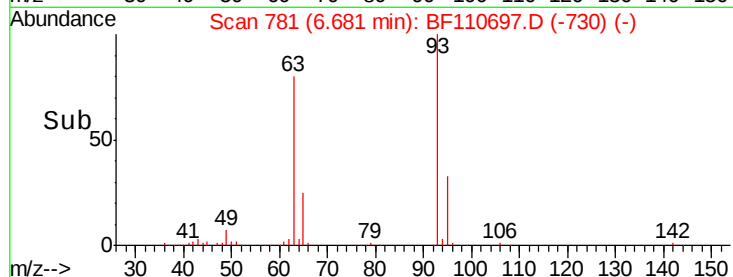
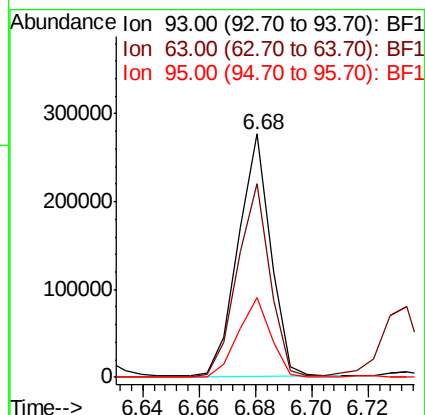
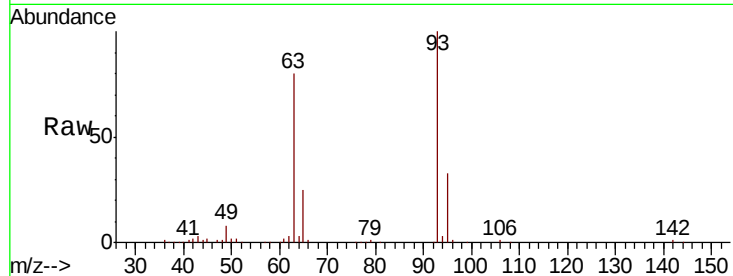




#11
bis(2-Chloroethyl)ether
Concen: 39.839 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

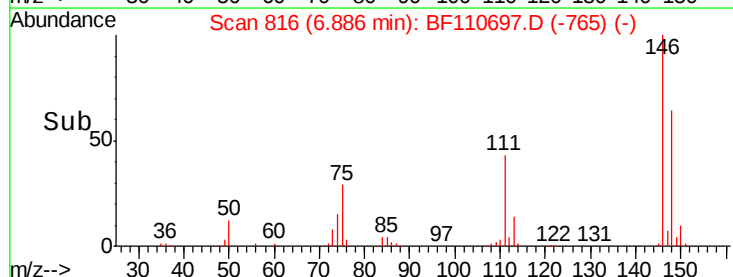
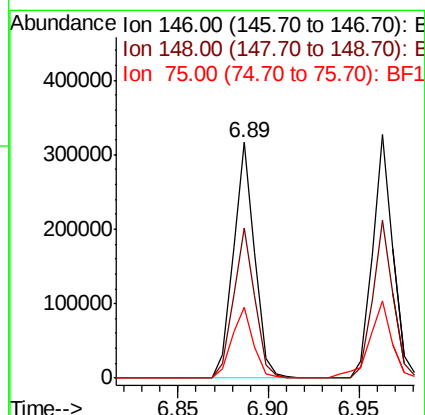
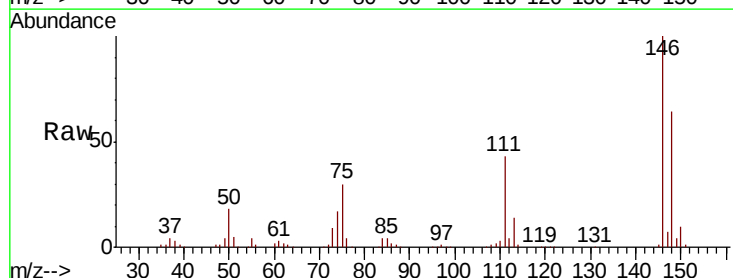
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

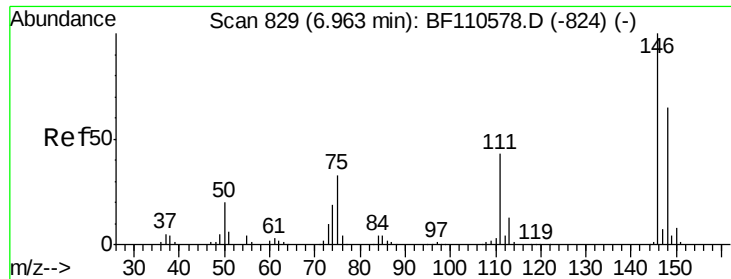
Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.6	53.4	93.4
95	32.5	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 40.472 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
75	30.2	25.8	38.6

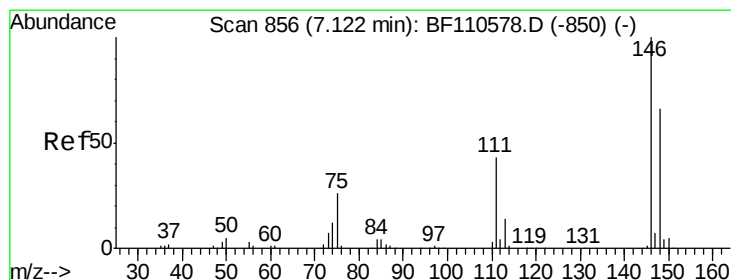
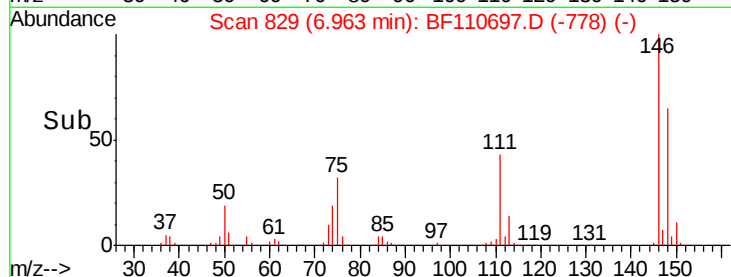
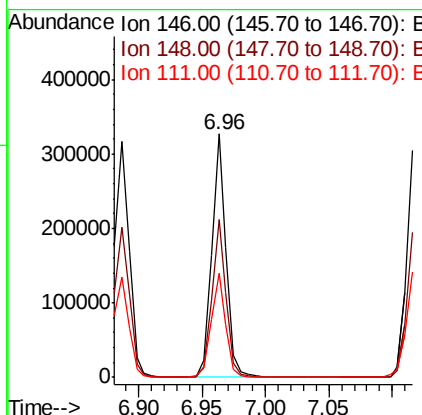
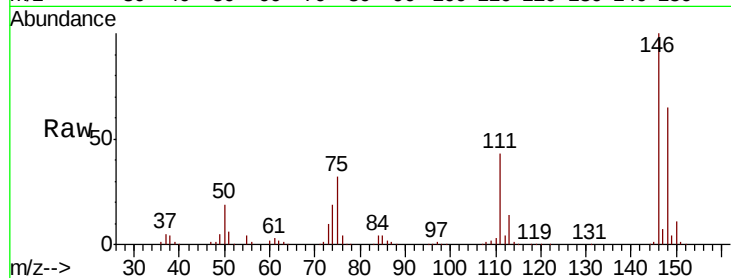




#13
 1,4-Dichlorobenzene
 Concen: 40.154 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

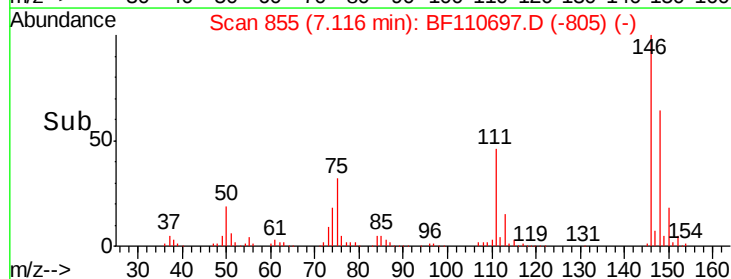
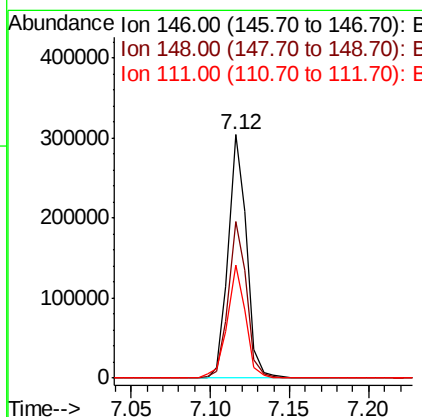
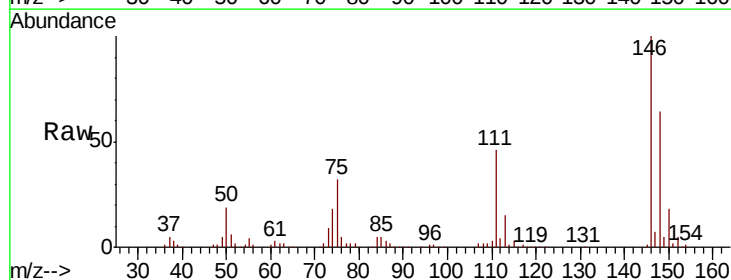
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

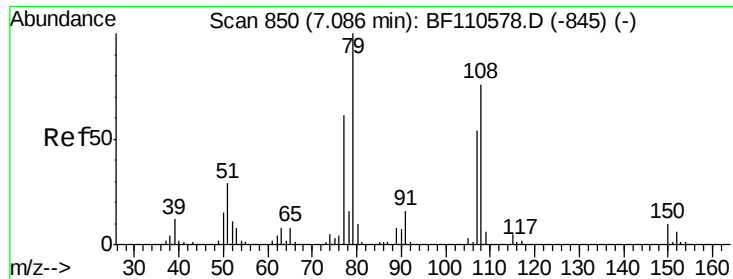
Tgt Ion:146 Resp: 259670
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.3 75.5
 111 43.0 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.563 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

Tgt Ion:146 Resp: 244027
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 46.4 35.8 53.6

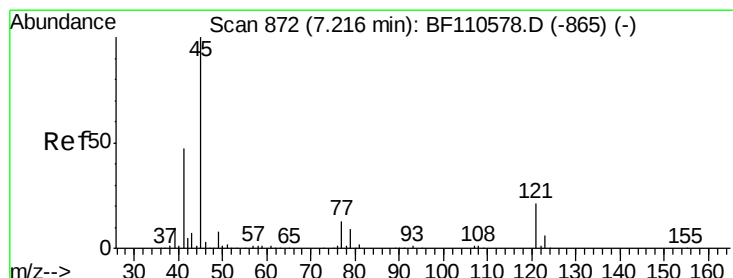
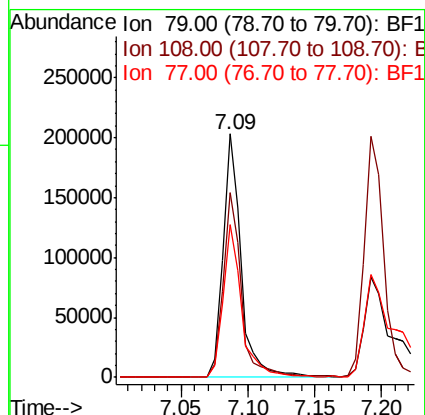
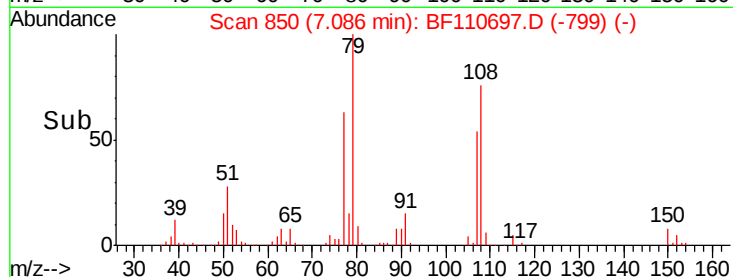
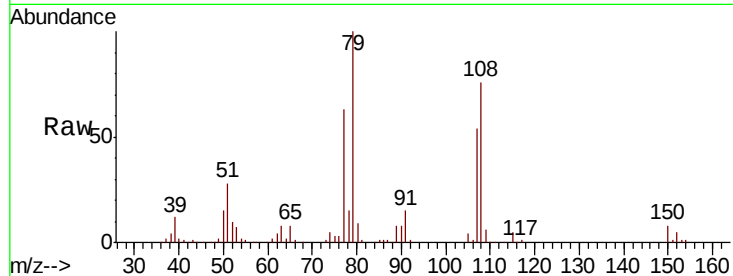




#15
Benzyl Alcohol
Concen: 39.302 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

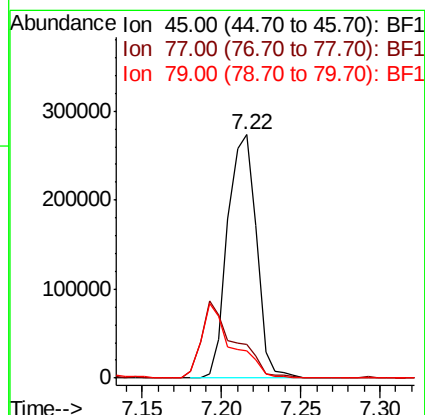
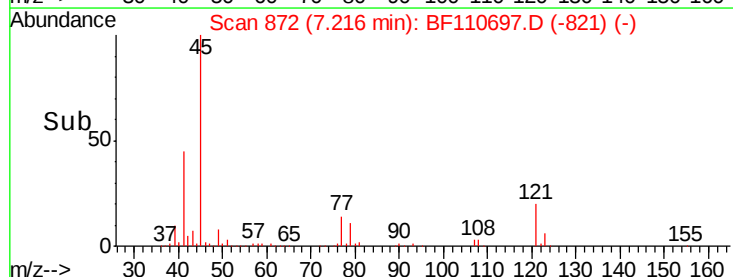
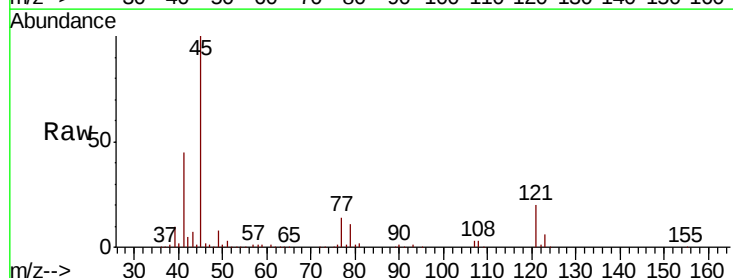
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

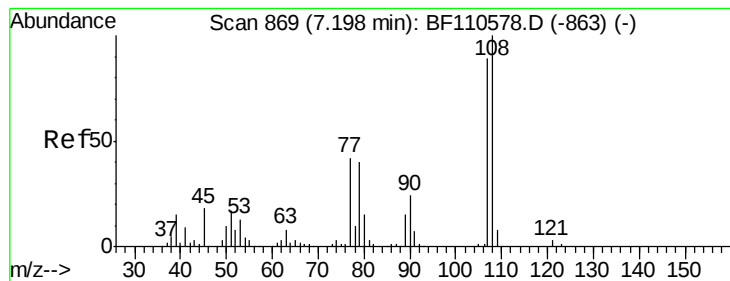
Tgt Ion: 79 Resp: 195272
Ion Ratio Lower Upper
79 100
108 75.9 56.3 84.5
77 62.6 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.836 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion: 45 Resp: 345156
Ion Ratio Lower Upper
45 100
77 13.7 10.0 50.0
79 11.1 6.1 46.1

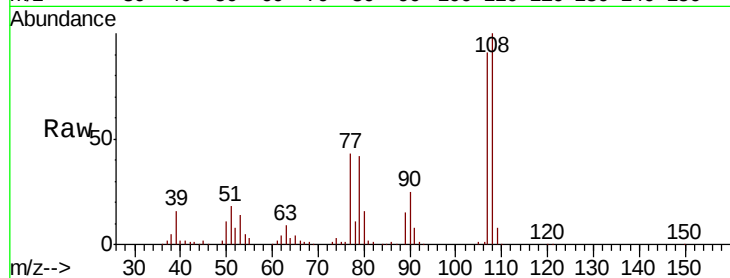




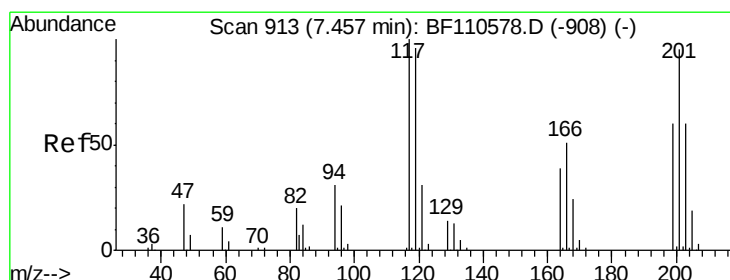
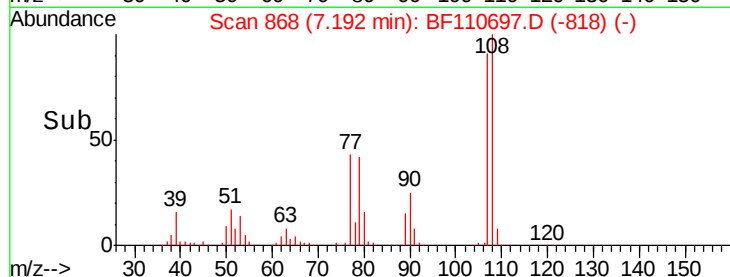
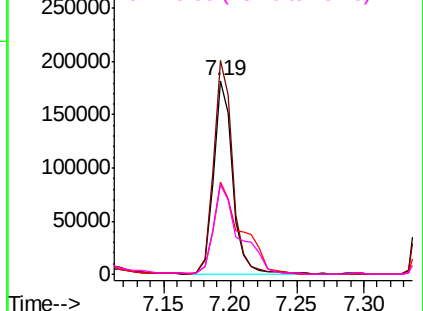
#17
2-Methylphenol
Concen: 39.381 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 182422
Ion Ratio Lower Upper
107 100
108 110.3 92.6 138.8
77 47.3 59.4 89.2#
79 46.2 54.0 81.0#

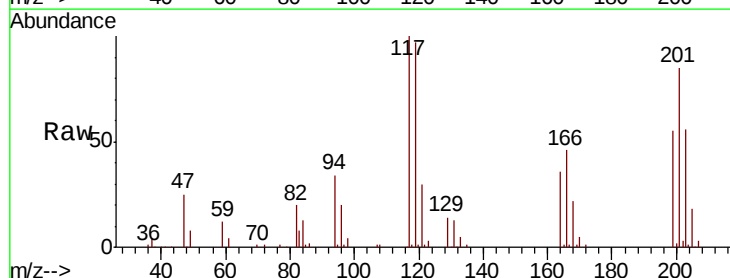


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

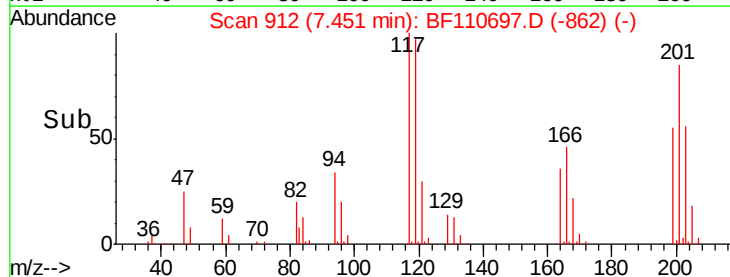
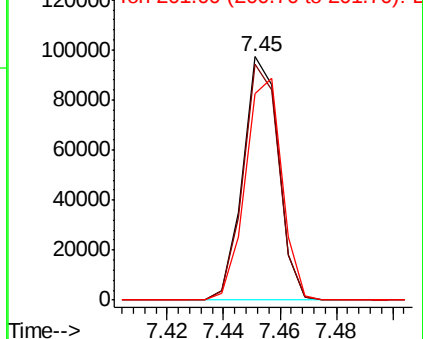


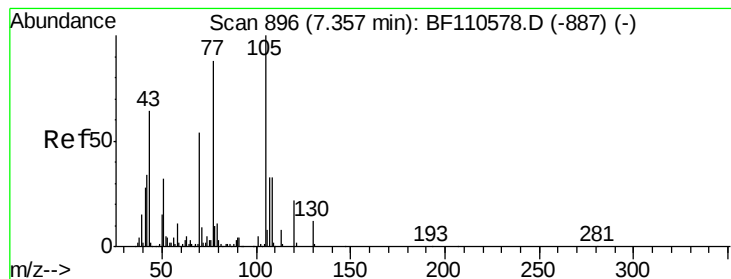
#18
Hexachloroethane
Concen: 35.769 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion:117 Resp: 85397
Ion Ratio Lower Upper
117 100
119 97.1 75.0 112.6
201 84.7 79.2 118.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.164 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 162775

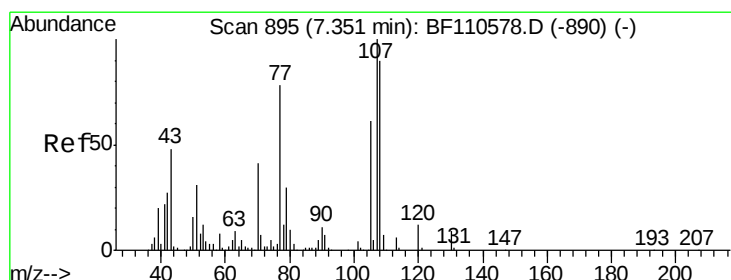
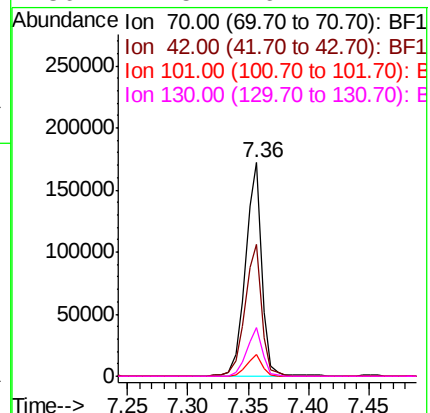
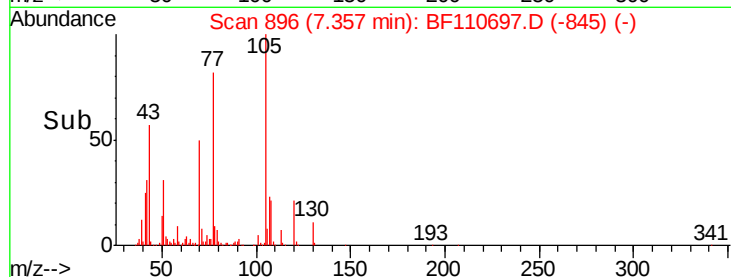
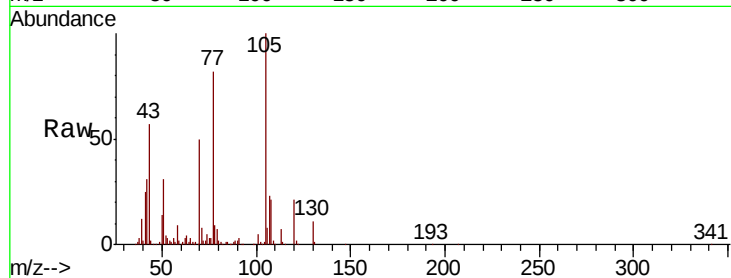
Ion Ratio Lower Upper

70 100

42 62.0 47.4 71.2

101 10.2 7.3 10.9

130 22.5 16.2 24.2



#20

3+4-Methylphenols

Concen: 30.682 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.16 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Tgt Ion: 107 Resp: 182448

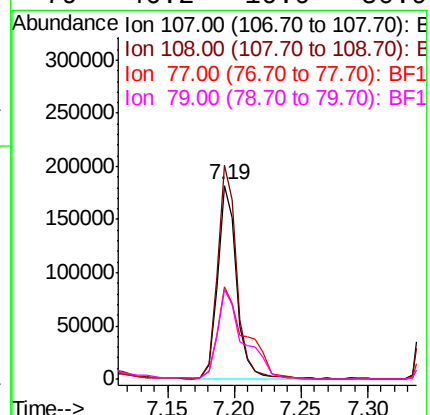
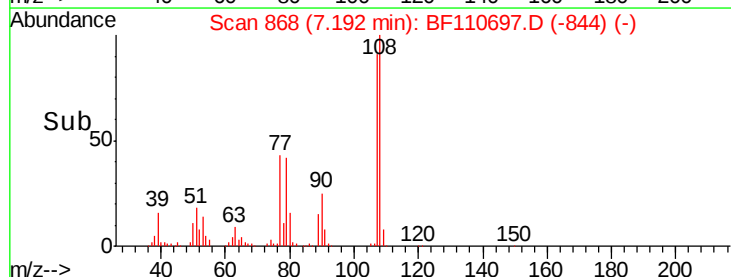
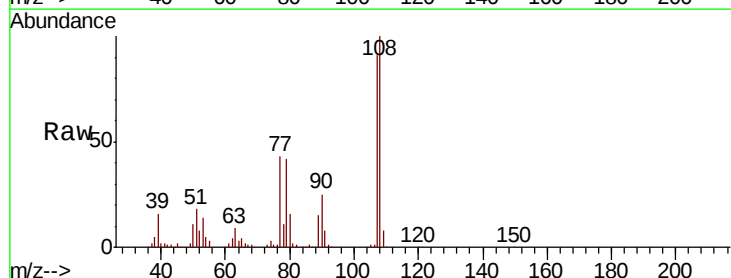
Ion Ratio Lower Upper

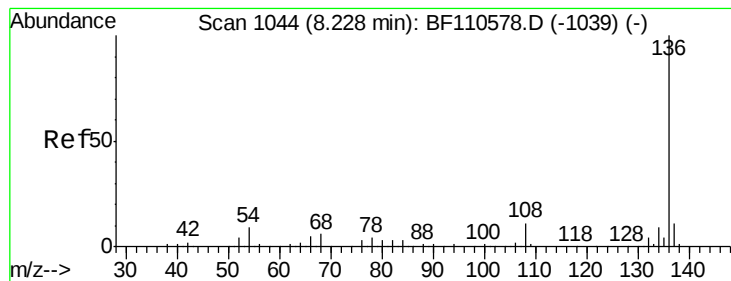
107 100

108 110.3 71.4 111.4

77 47.3 47.3 87.3

79 46.2 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: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 326205

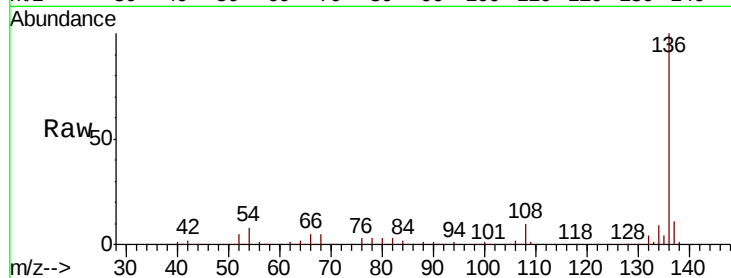
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.0 5.4 8.2

68 5.2 4.2 6.2

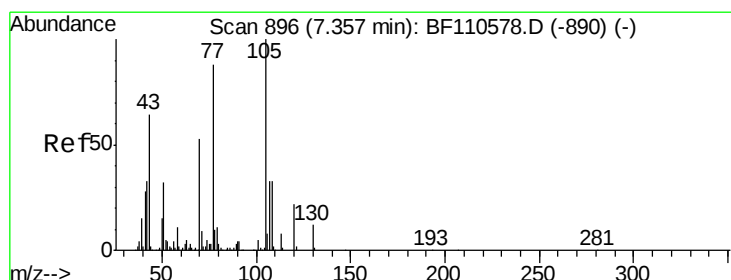
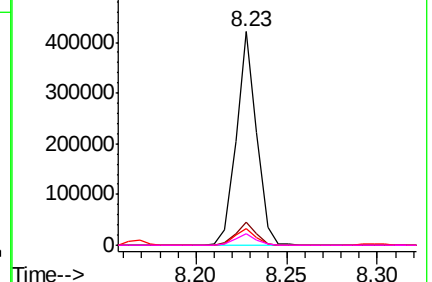
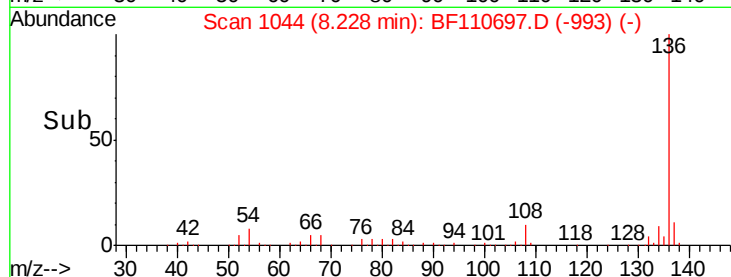


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.569 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Tgt Ion:105 Resp: 316025

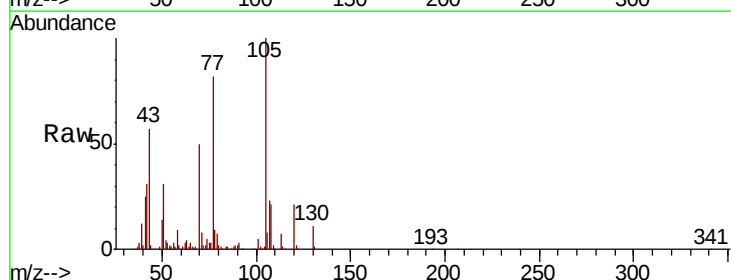
Ion Ratio Lower Upper

105 100

71 8.3 5.2 7.8#

51 30.7 21.8 32.8

120 21.1 17.0 25.4

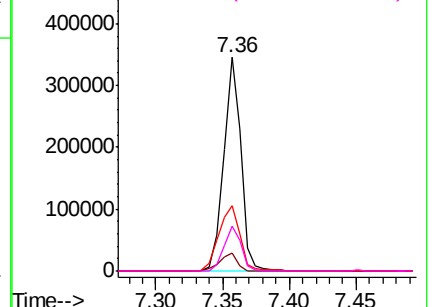
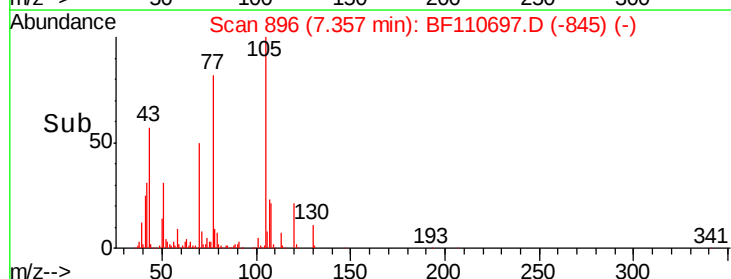


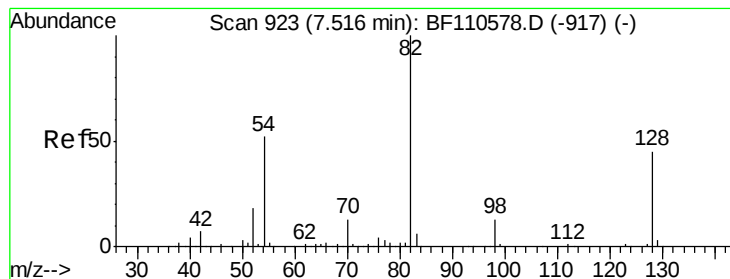
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.776 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

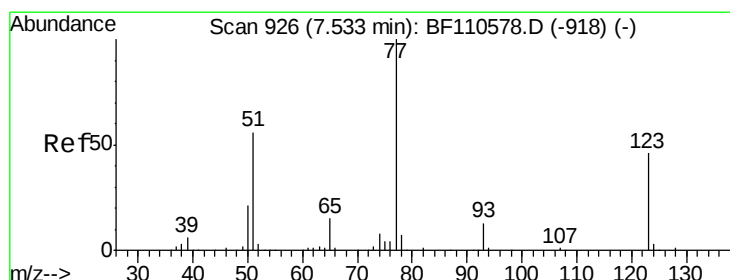
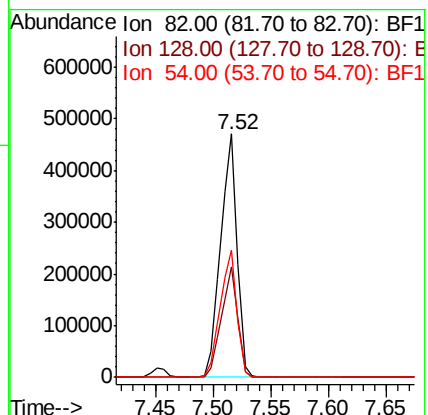
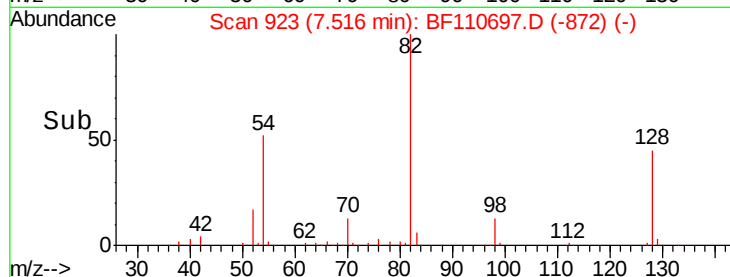
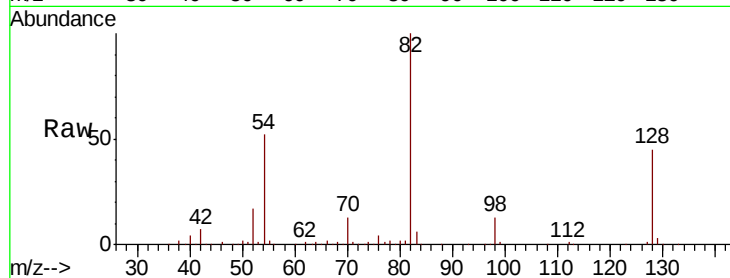
Tgt Ion: 82 Resp: 468869

Ion Ratio Lower Upper

82 100

128 45.3 34.2 51.2

54 52.3 38.6 58.0



#24

Nitrobenzene

Concen: 41.459 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

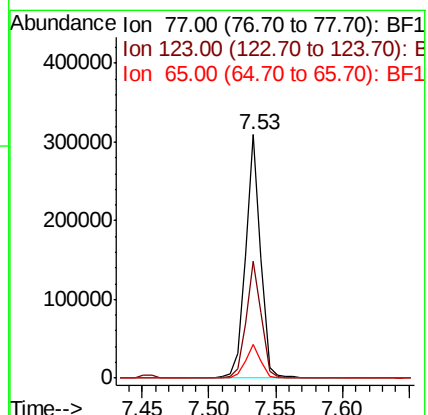
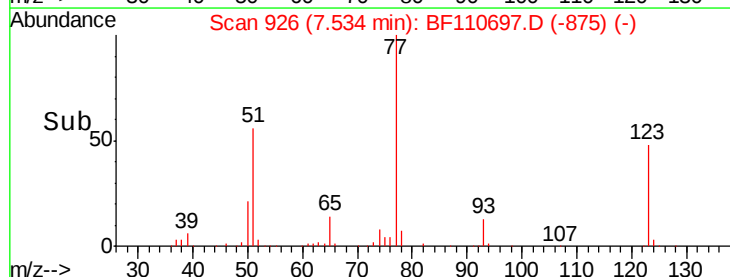
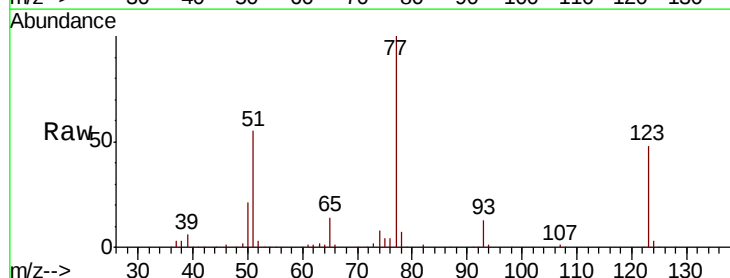
Tgt Ion: 77 Resp: 240604

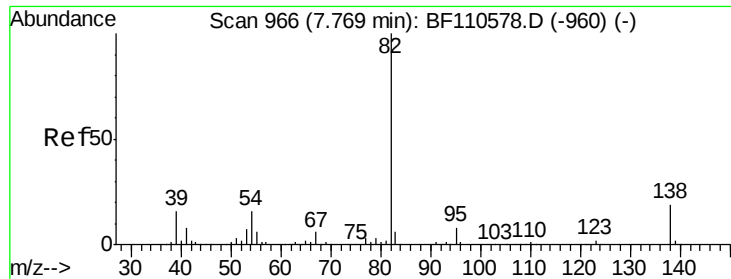
Ion Ratio Lower Upper

77 100

123 47.8 35.7 53.5

65 13.9 10.7 16.1





#25

Isophorone

Concen: 40.417 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

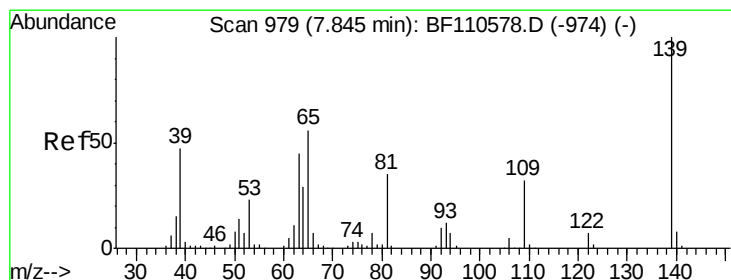
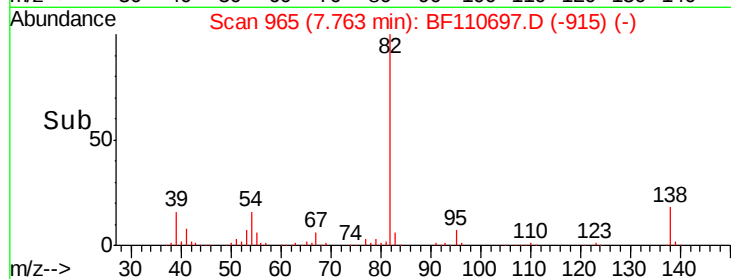
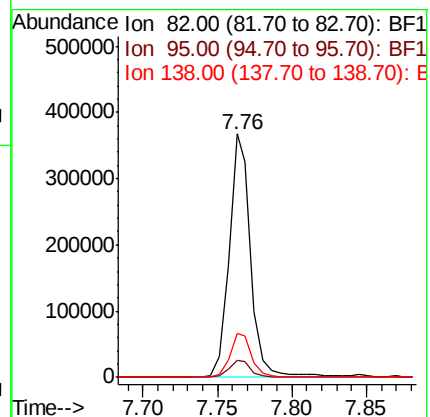
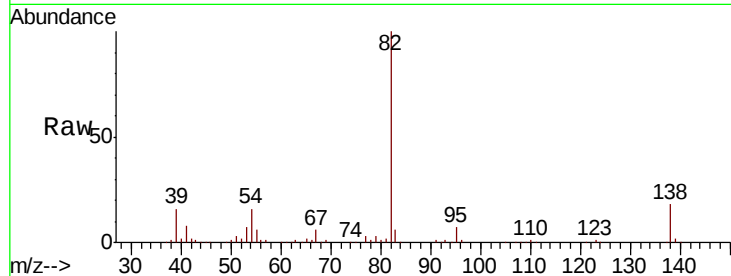
Tgt Ion: 82 Resp: 375225

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 17.8 13.2 19.8



#26

2-Nitrophenol

Concen: 32.162 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

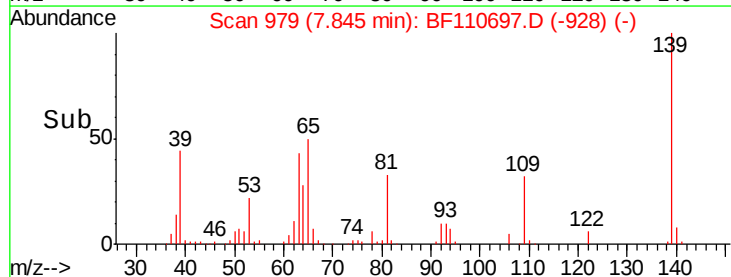
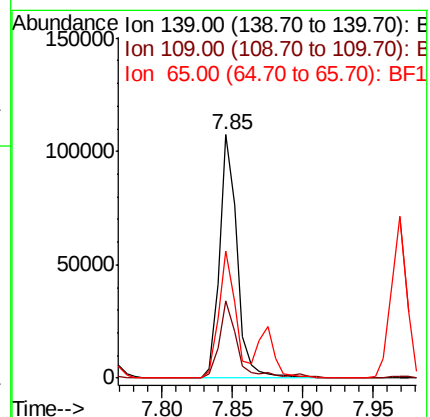
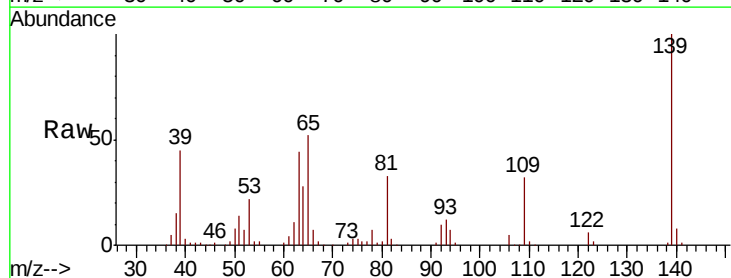
Tgt Ion: 139 Resp: 93114

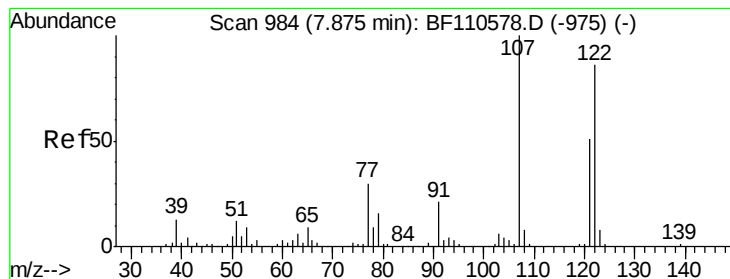
Ion Ratio Lower Upper

139 100

109 31.7 25.0 37.6

65 52.3 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 40.600 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

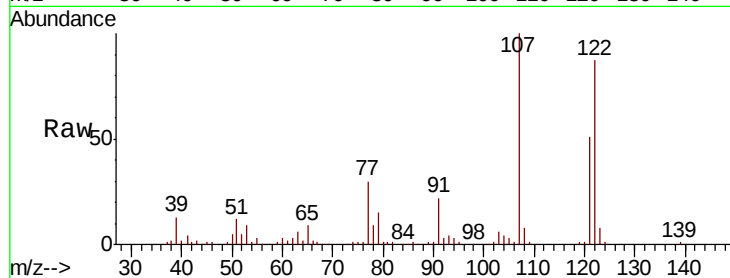
Tgt Ion:122 Resp: 179016

Ion Ratio Lower Upper

122 100

107 115.3 92.5 138.7

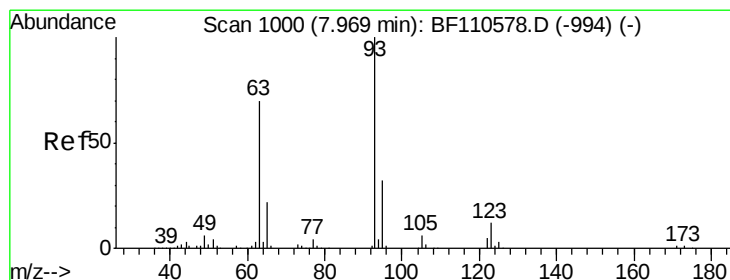
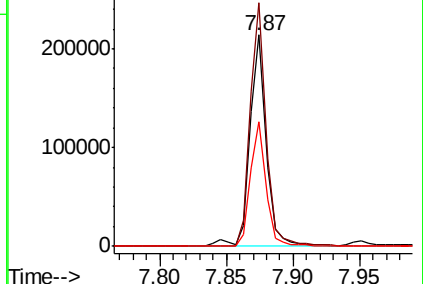
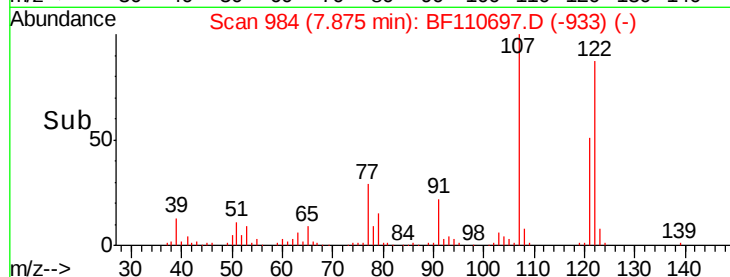
121 59.0 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.168 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

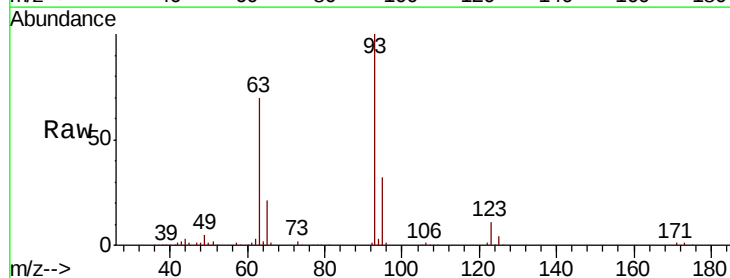
Tgt Ion: 93 Resp: 258773

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

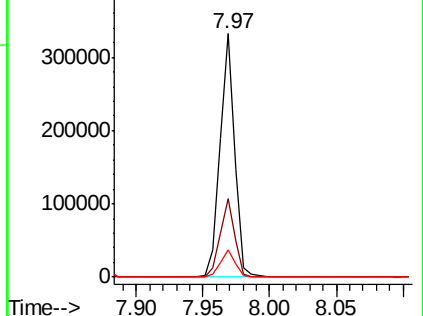
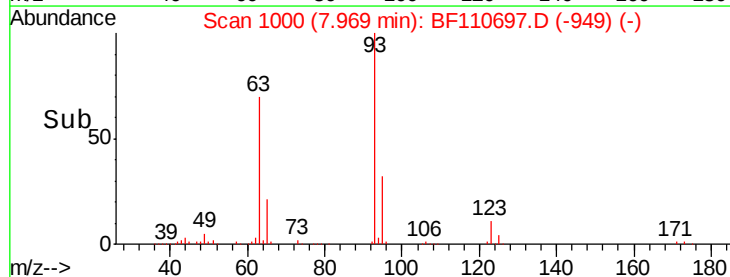
123 11.4 9.0 13.6

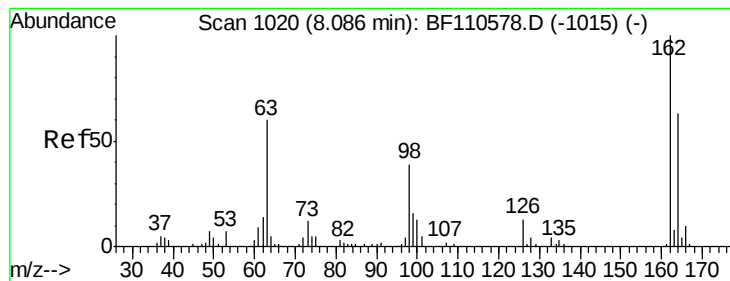


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.273 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

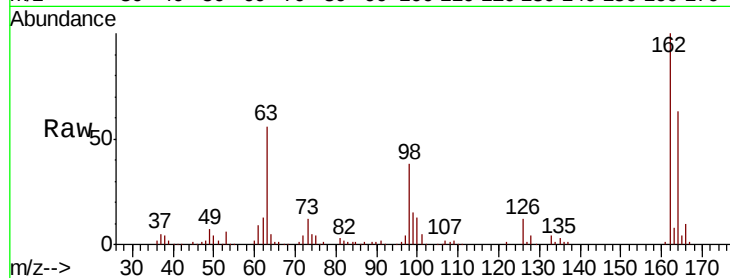
Tgt Ion:162 Resp: 182718

Ion Ratio Lower Upper

162 100

164 63.4 44.6 84.6

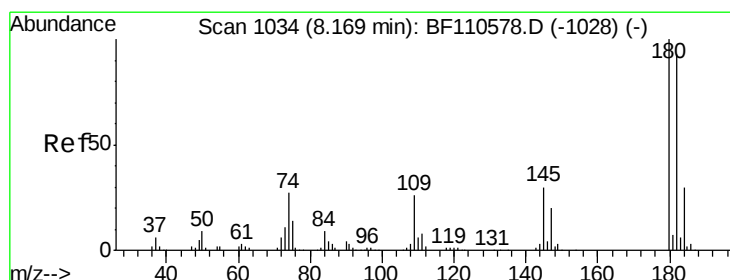
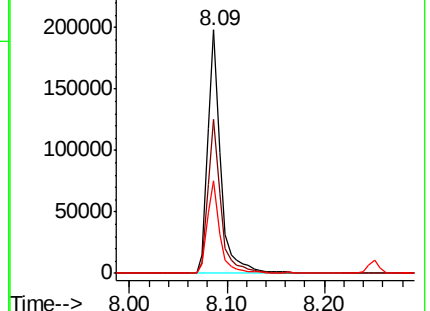
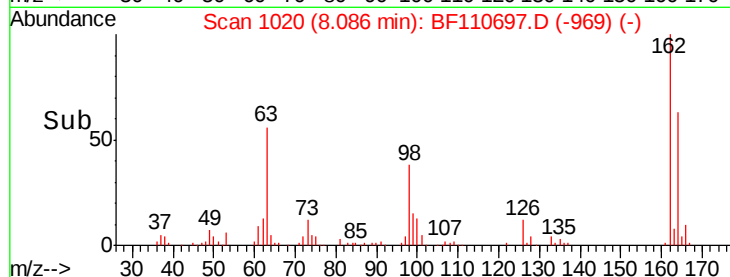
98 37.9 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.490 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

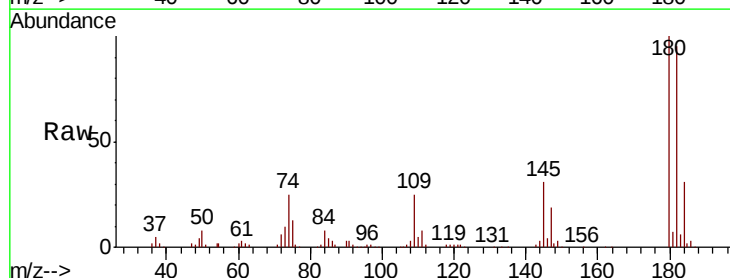
Tgt Ion:180 Resp: 207118

Ion Ratio Lower Upper

180 100

182 95.4 80.3 120.5

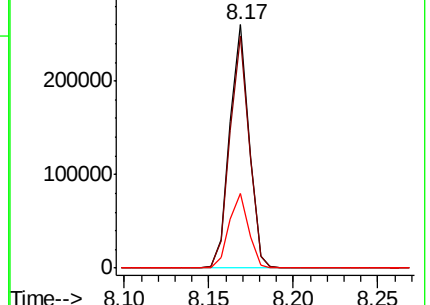
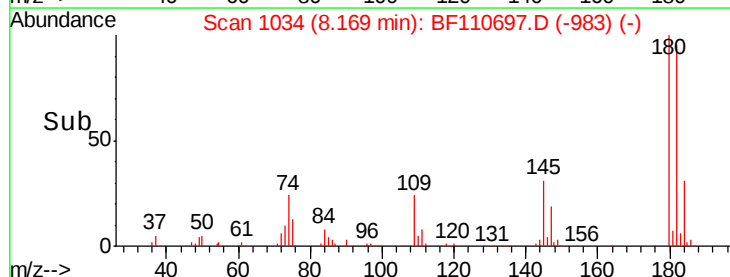
145 30.7 25.4 38.0

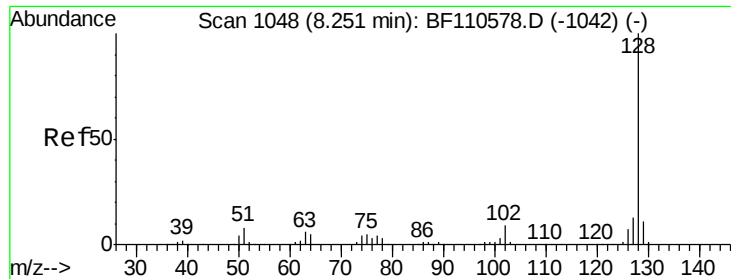


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

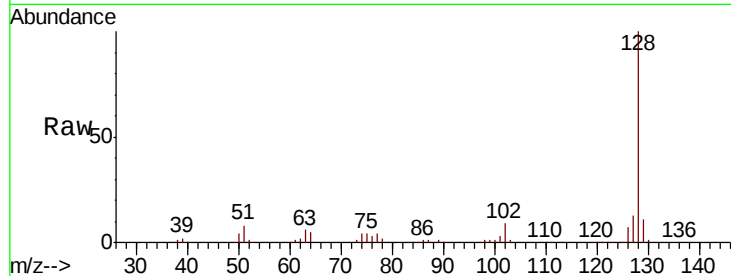




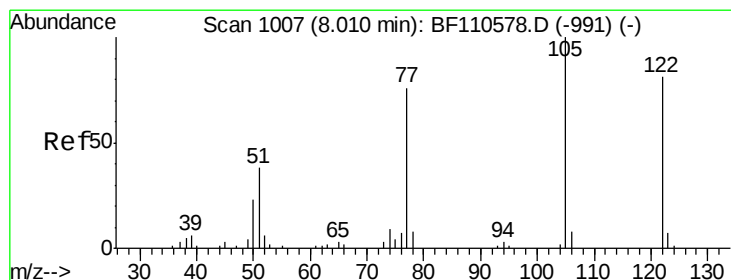
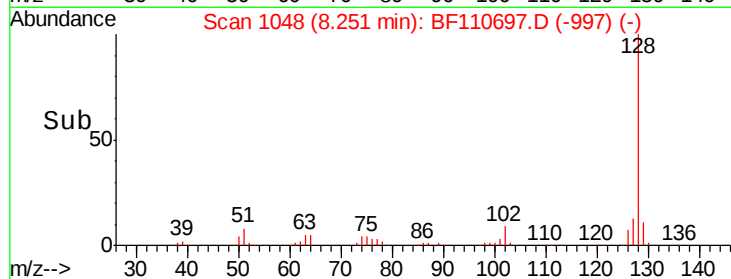
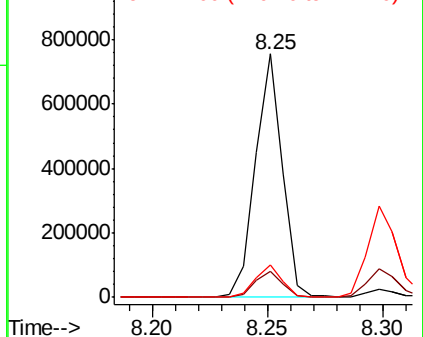
#31
Naphthalene
Concen: 40.161 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 615004
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.8 16.2

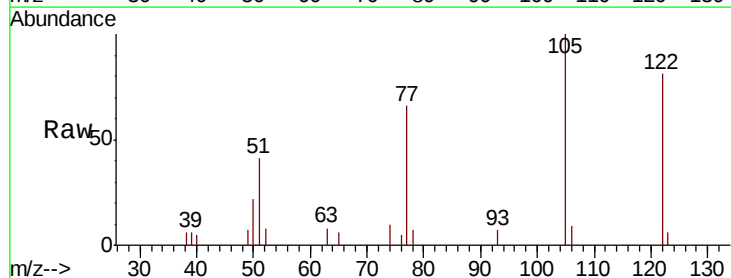


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

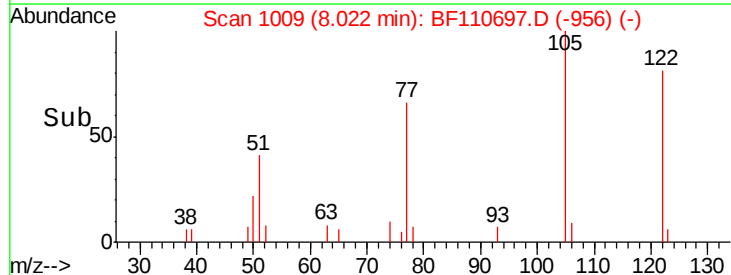
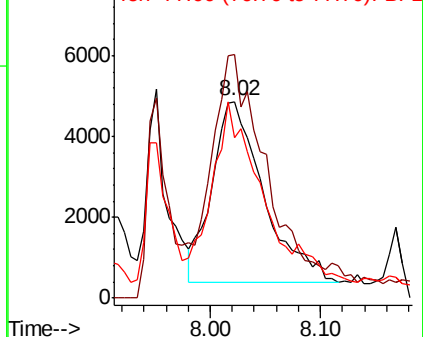


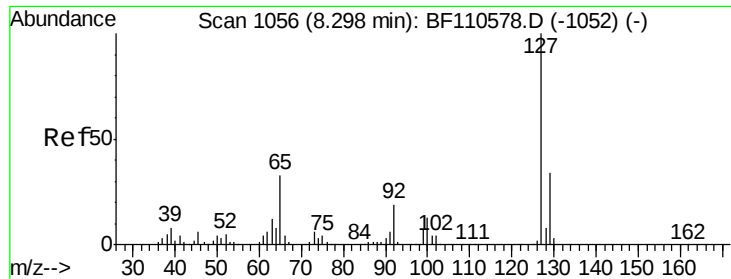
#32
Benzoic acid
Concen: 4.704 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion:122 Resp: 14675
Ion Ratio Lower Upper
122 100
105 123.9 109.0 149.0
77 81.5 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

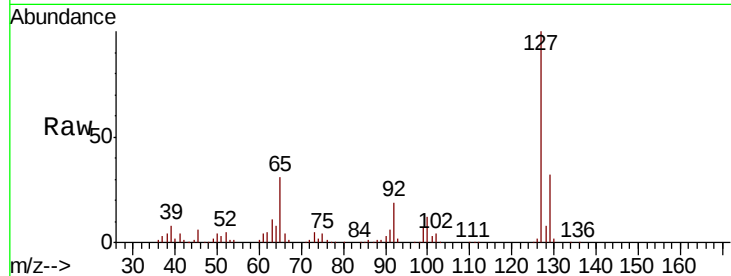




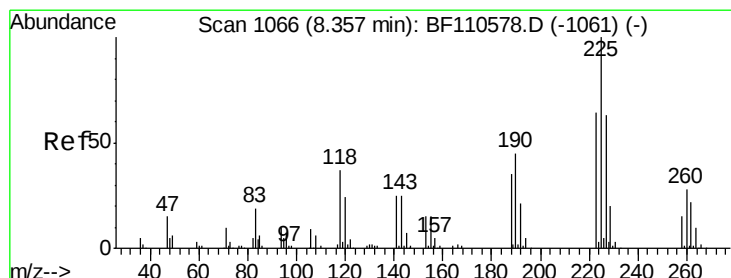
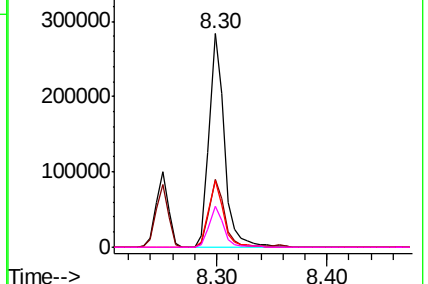
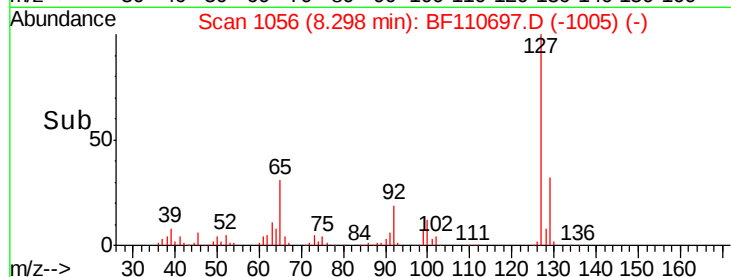
#33
4-Chloroaniline
Concen: 38.256 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	265359
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	31.3	25.1	37.7
92	19.3	15.0	22.6

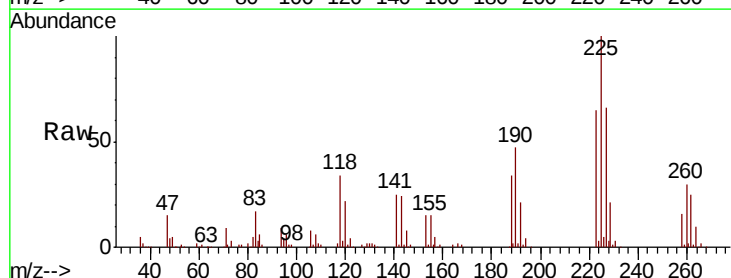


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

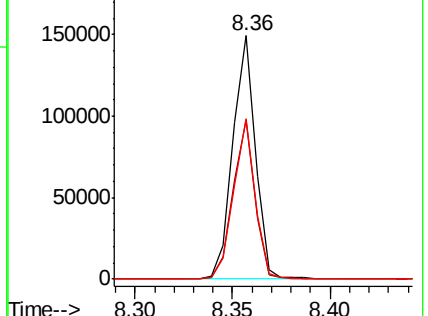
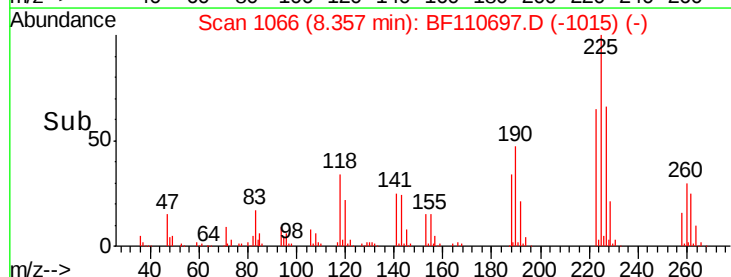


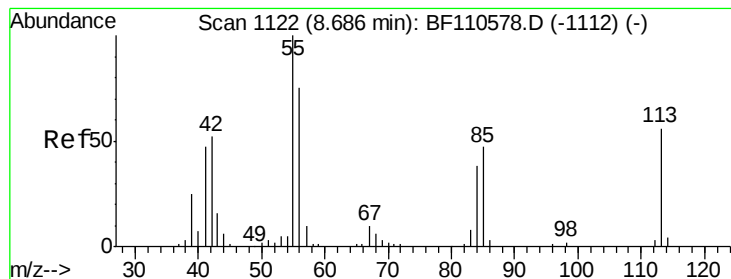
#34
Hexachlorobutadiene
Concen: 41.025 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion:	225	Resp:	119865
Ion	Ratio	Lower	Upper
225	100		
223	65.2	51.4	77.2
227	65.7	51.0	76.6



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





#35

Caprolactam

Concen: 35.062 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

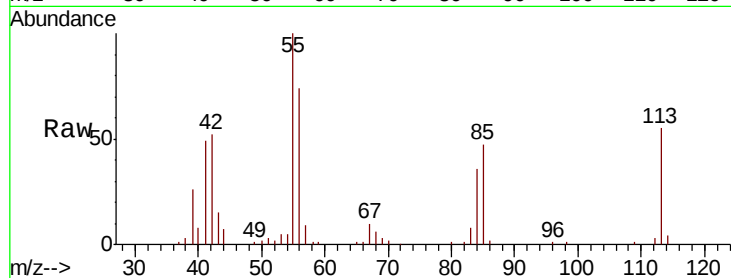
Tgt Ion:113 Resp: 53147

Ion Ratio Lower Upper

113 100

55 180.4 142.8 182.8

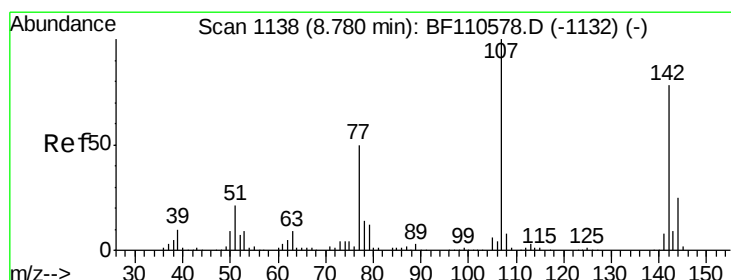
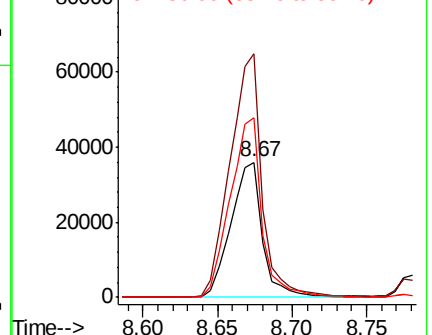
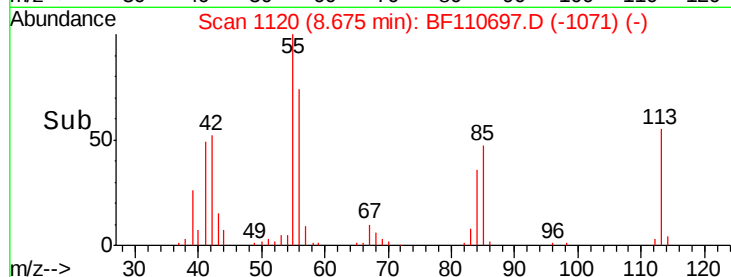
56 132.9 105.0 145.0



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: 38.466 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

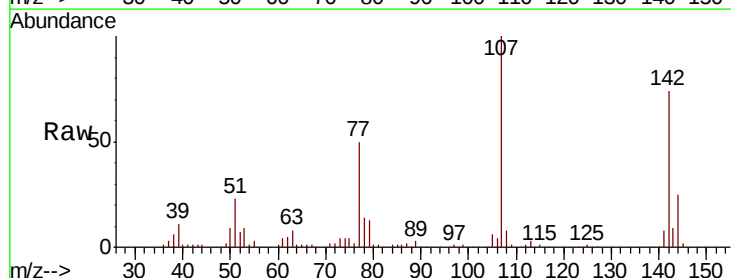
Tgt Ion:107 Resp: 188218

Ion Ratio Lower Upper

107 100

144 24.7 20.0 30.0

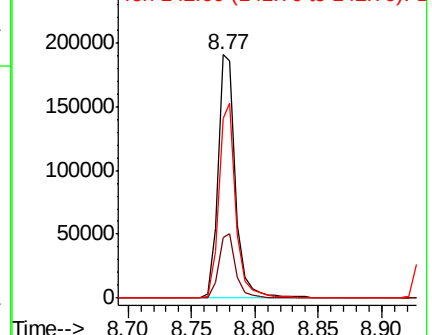
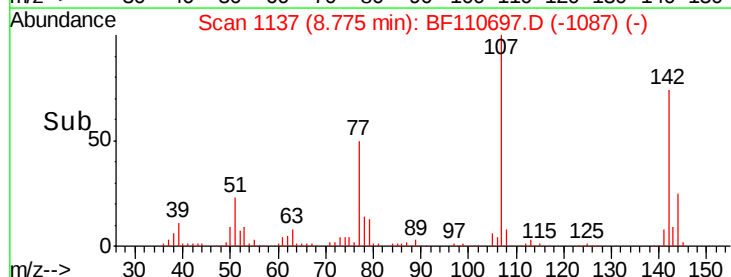
142 73.9 59.7 89.5

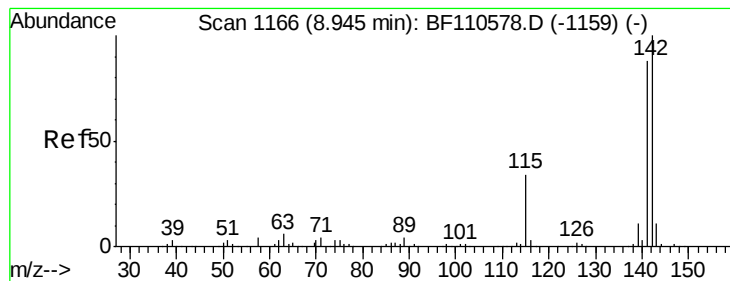


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.163 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

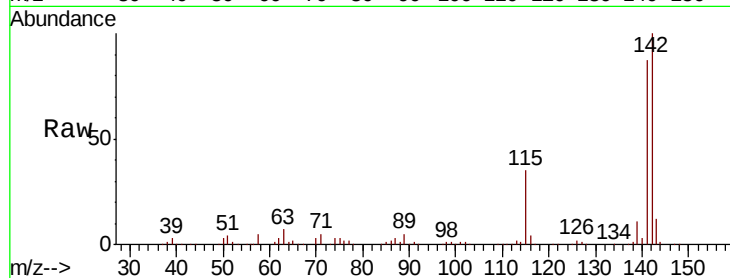
Tgt Ion:142 Resp: 393146

Ion Ratio Lower Upper

142 100

141 87.1 71.4 107.2

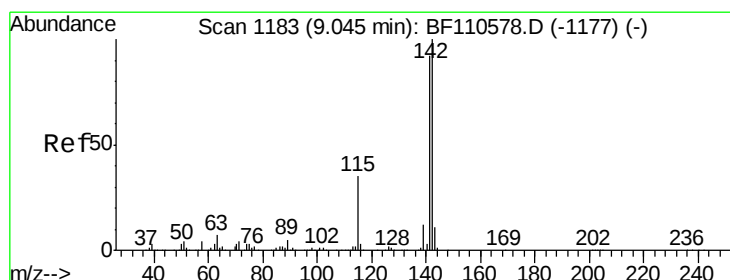
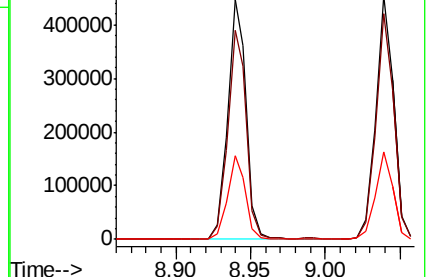
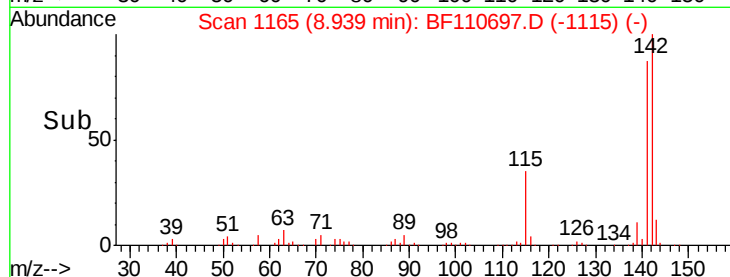
115 34.8 28.7 43.1



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: 38.240 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

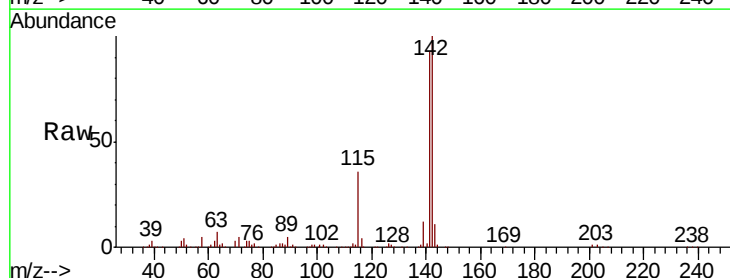
Tgt Ion:142 Resp: 369184

Ion Ratio Lower Upper

142 100

141 92.6 74.2 111.4

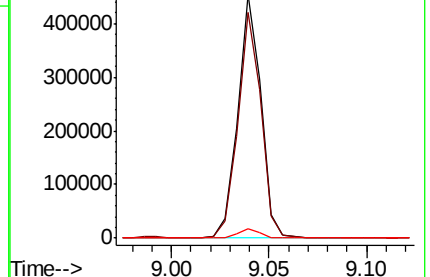
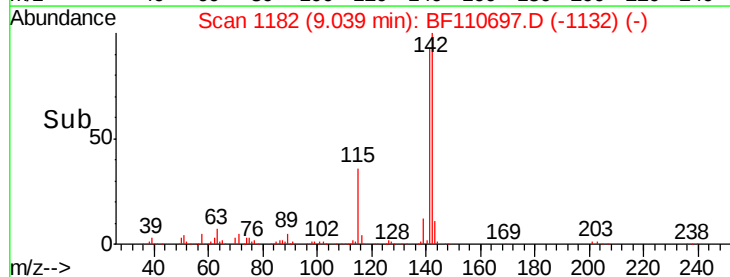
116 3.8 2.6 4.0

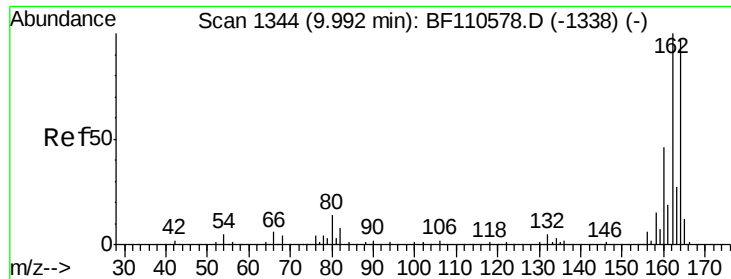


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

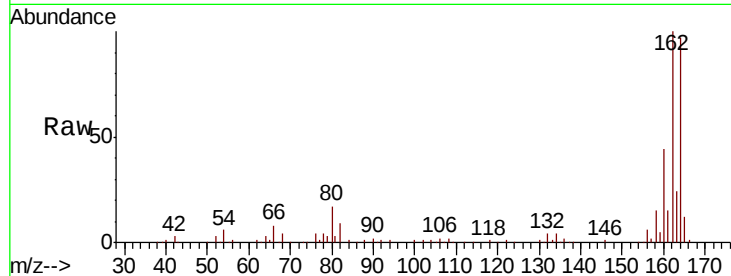
Tgt Ion:164 Resp: 138906

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

160 45.3 37.0 55.6

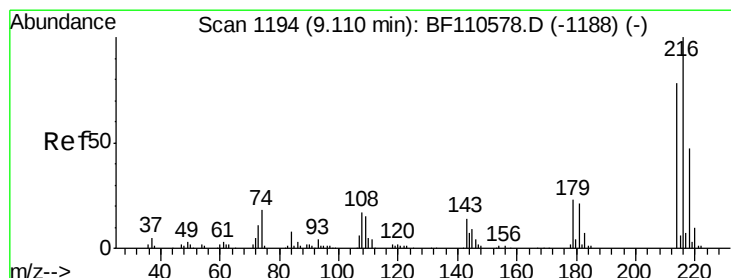
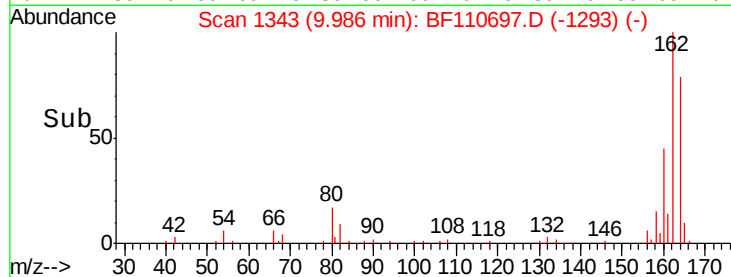
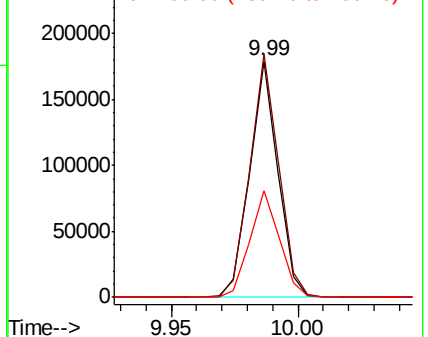


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.230 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Tgt Ion:216 Resp: 190079

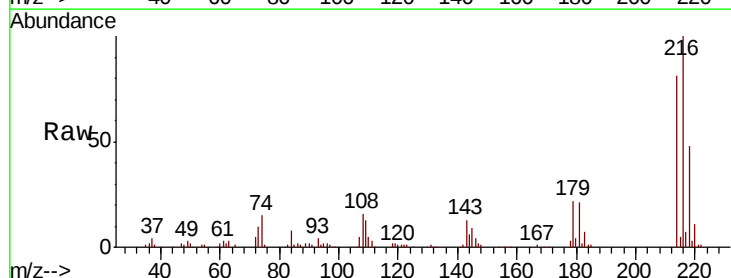
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 22.5 16.6 25.0

108 18.1 15.1 22.7



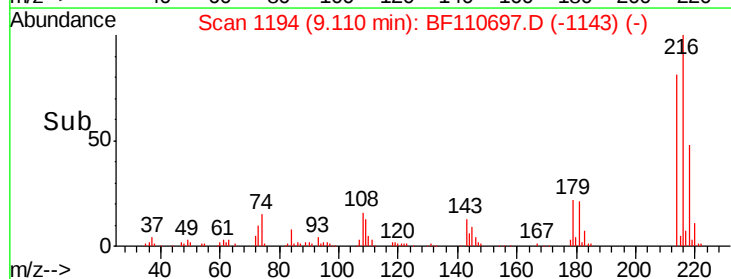
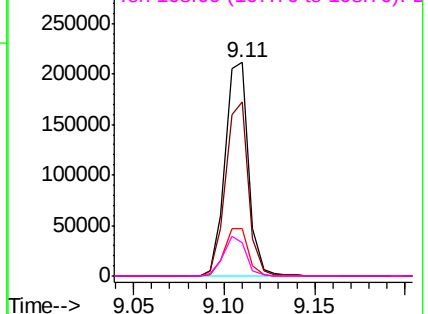
Abundance

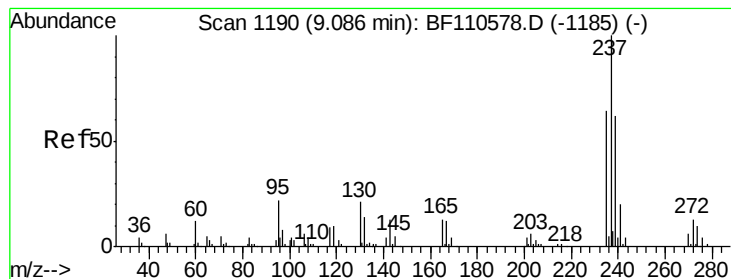
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 11.179 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

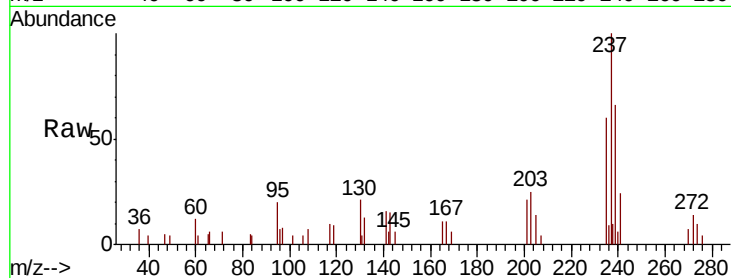
Tgt Ion: 237 Resp: 6736

Ion Ratio Lower Upper

237 100

235 59.7 43.1 83.1

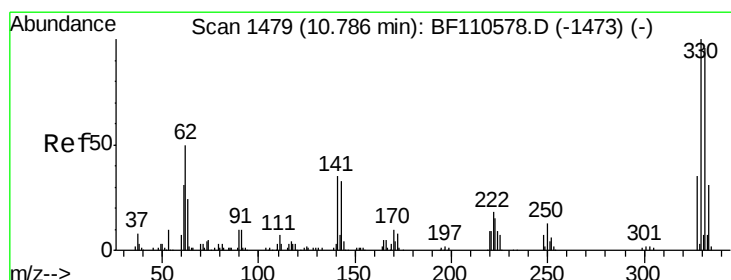
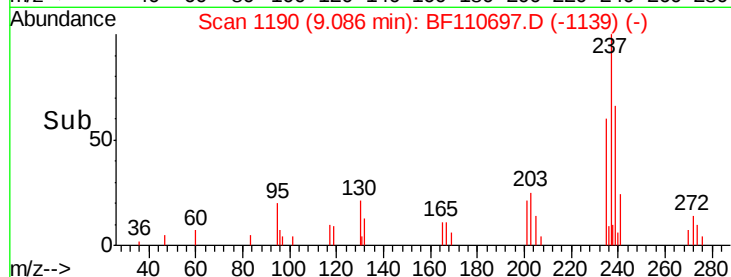
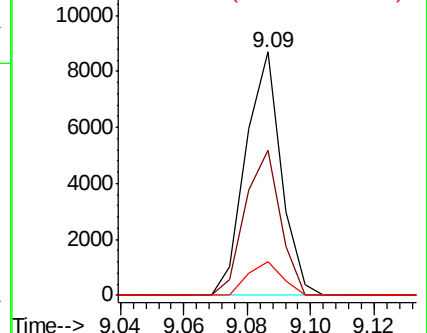
272 13.9 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 62.882 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

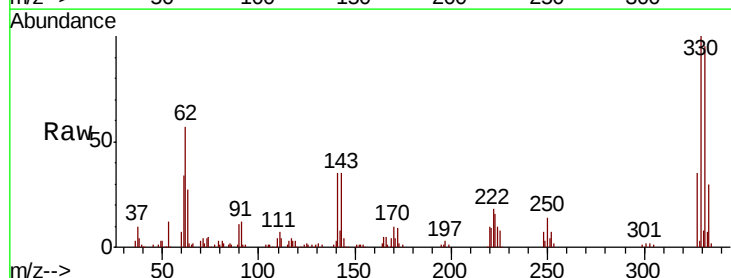
Tgt Ion: 330 Resp: 88013

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

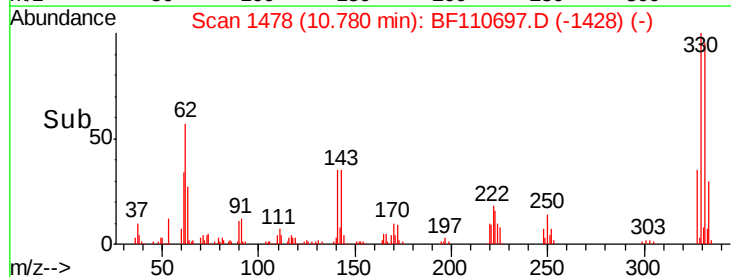
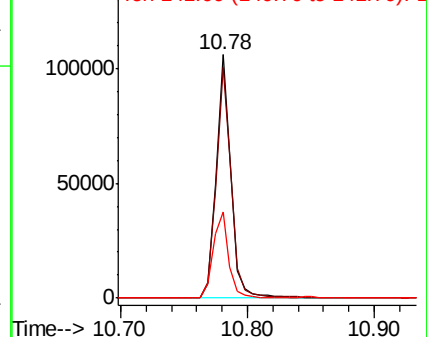
141 36.6 27.0 40.4

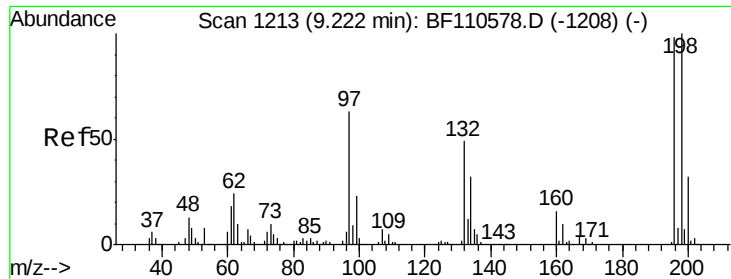


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

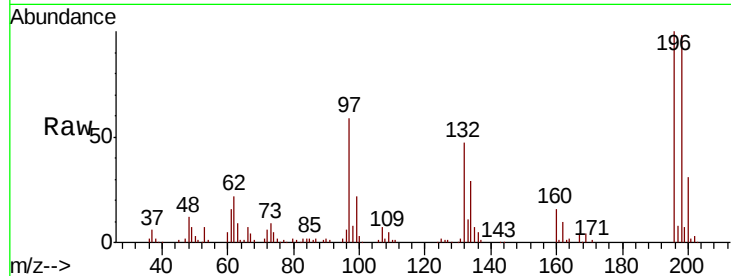




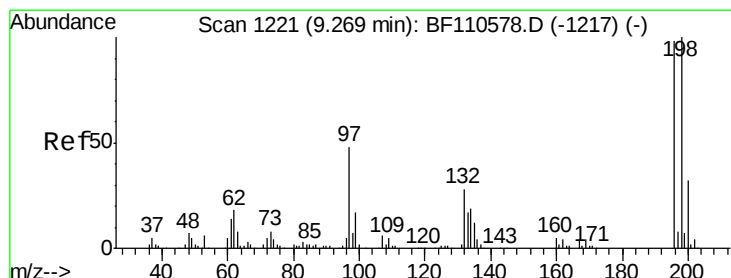
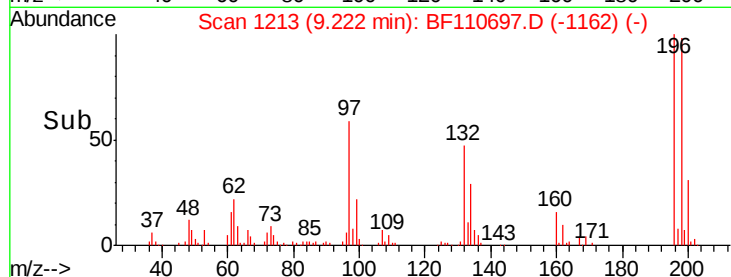
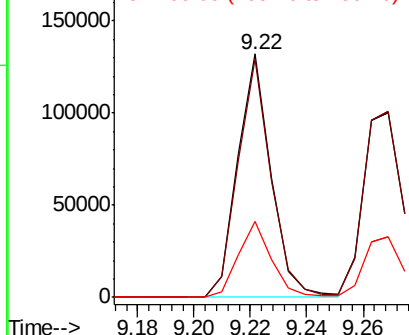
#43
 2,4,6-Trichlorophenol
 Concen: 39.374 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 108792
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.2 114.4
 200 31.3 24.4 36.6



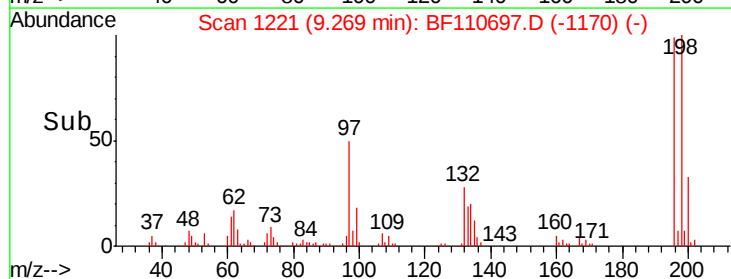
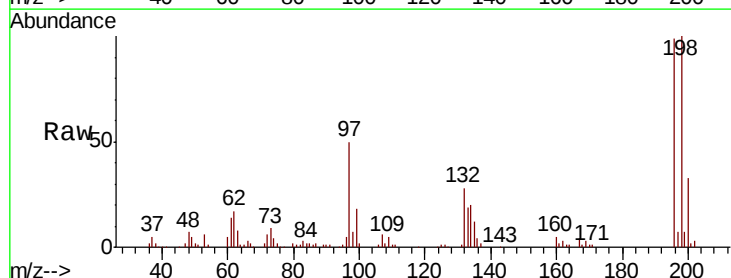
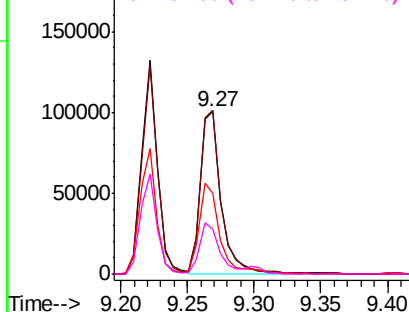
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

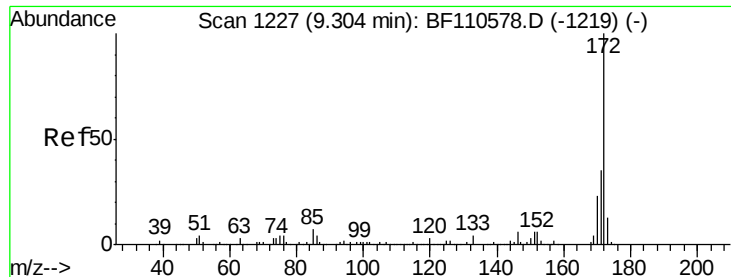


#44
 2,4,5-Trichlorophenol
 Concen: 36.975 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

Tgt Ion:196 Resp: 108975
 Ion Ratio Lower Upper
 196 100
 198 100.6 75.8 113.6
 97 49.9 42.4 63.6
 132 27.8 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

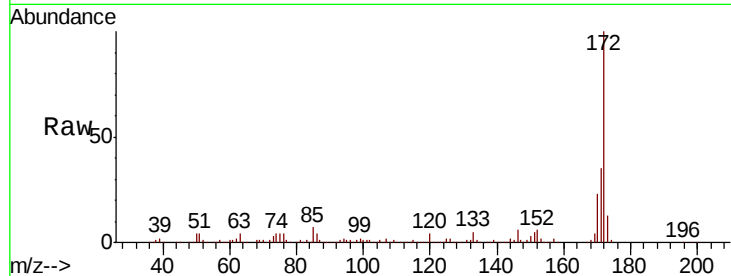




#45
2-Fluorobiphenyl
Concen: 85.131 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.4	19.7	29.5

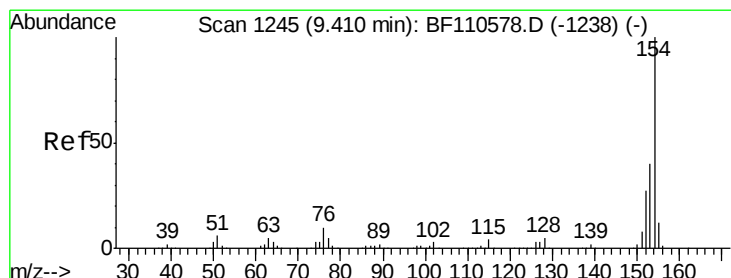
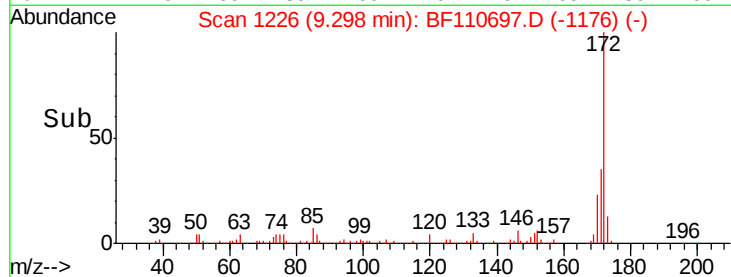
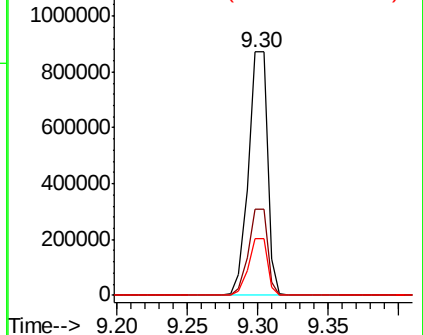


Abundance

Ion 172.00 (171.70 to 172.70): E

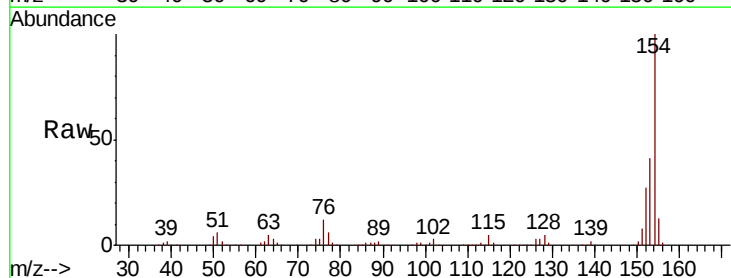
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.964 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	11.6	0.0	31.9

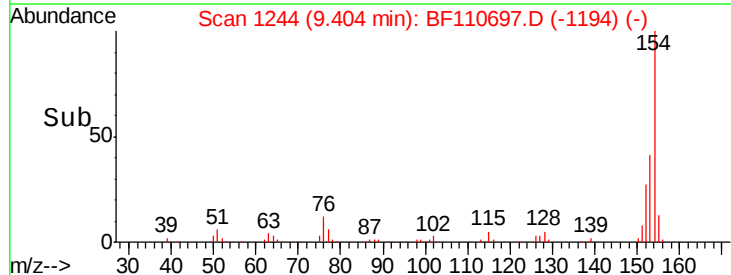
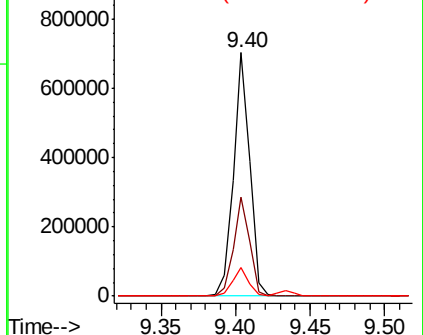


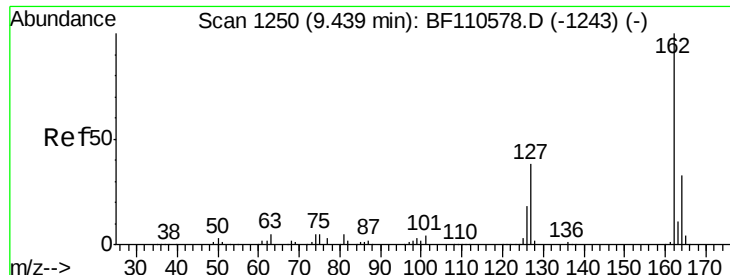
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 41.178 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

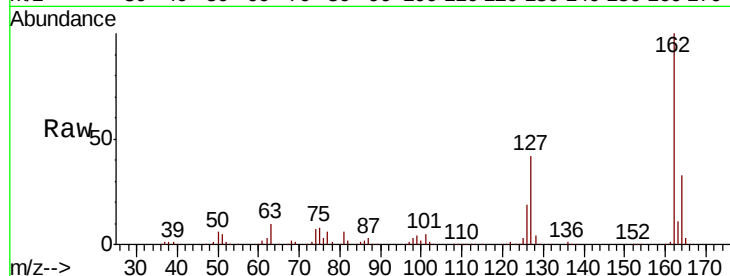
Tgt Ion: 162 Resp: 384411

Ion Ratio Lower Upper

162 100

127 41.7 32.6 48.8

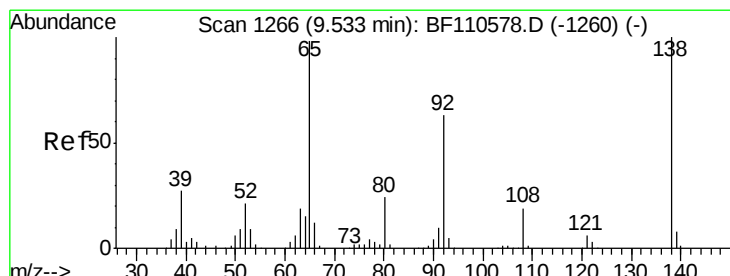
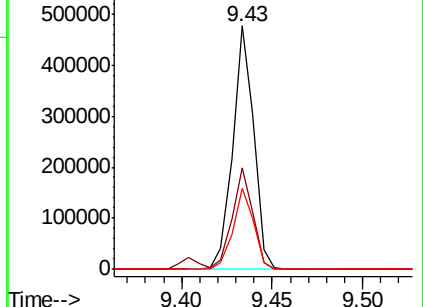
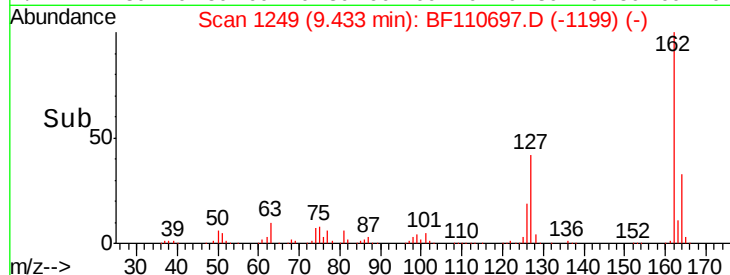
164 33.1 25.9 38.9



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: 42.795 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

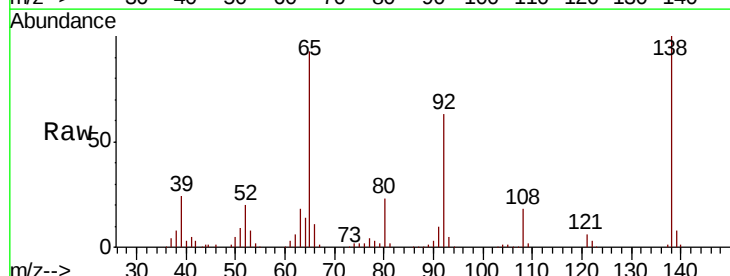
Tgt Ion: 65 Resp: 123112

Ion Ratio Lower Upper

65 100

92 67.6 54.6 81.8

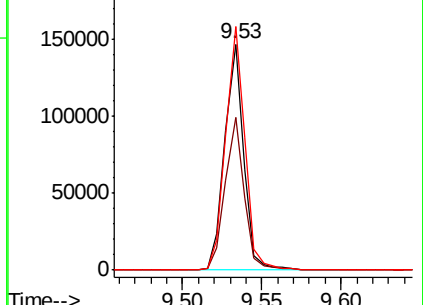
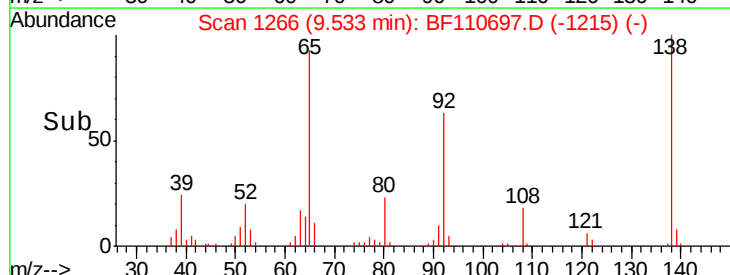
138 107.7 80.3 120.5

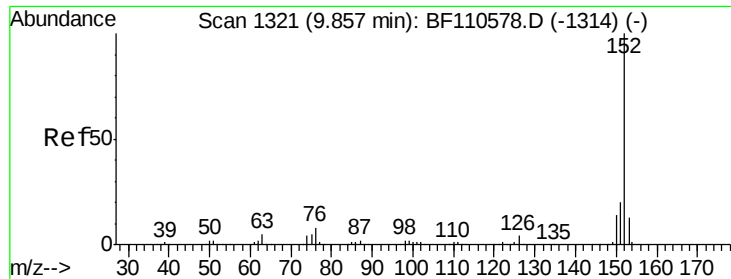


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

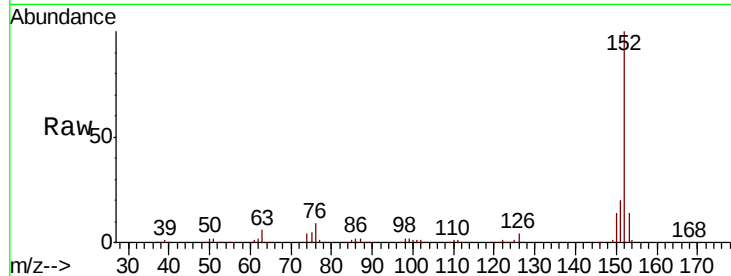




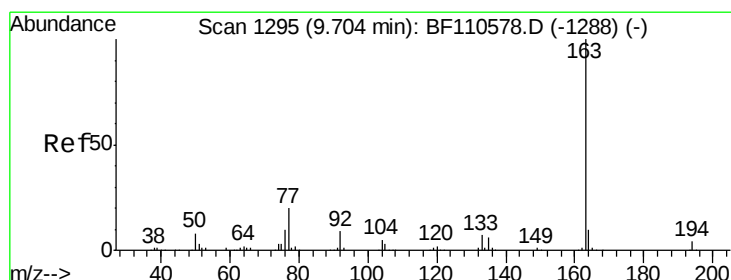
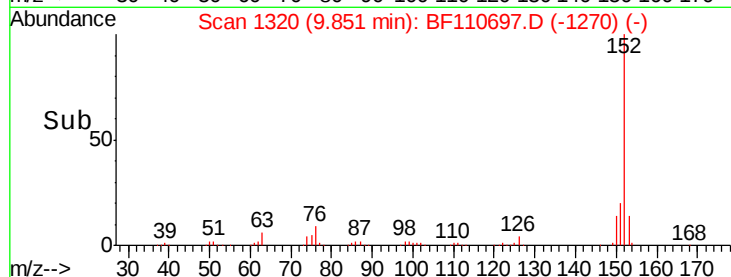
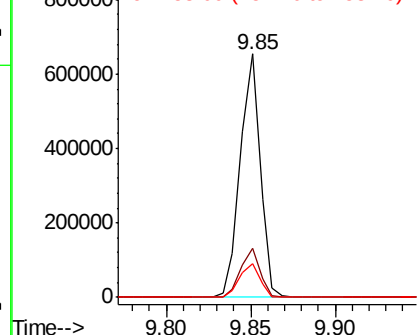
#49
Acenaphthylene
Concen: 40.135 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 539584
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.6 10.4 15.6

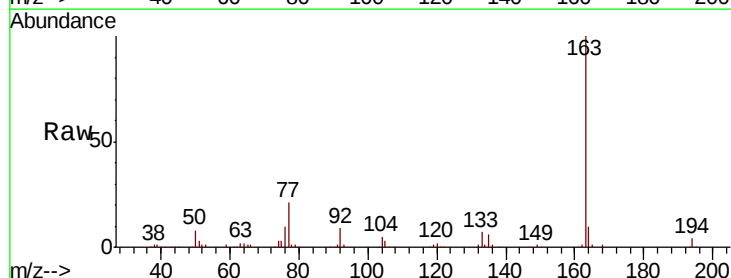


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

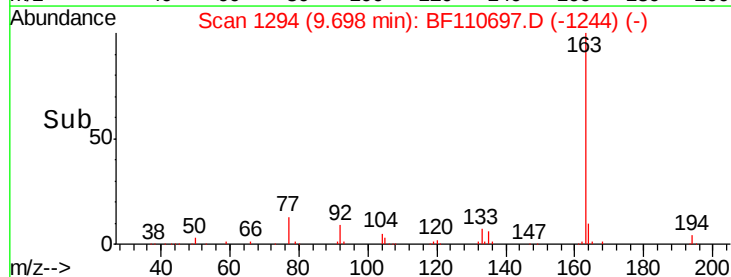
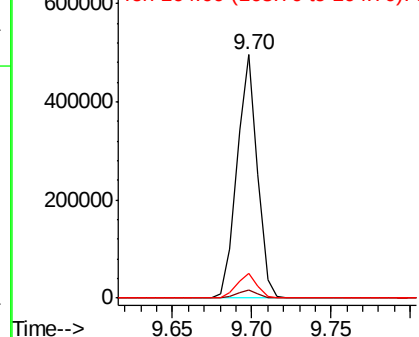


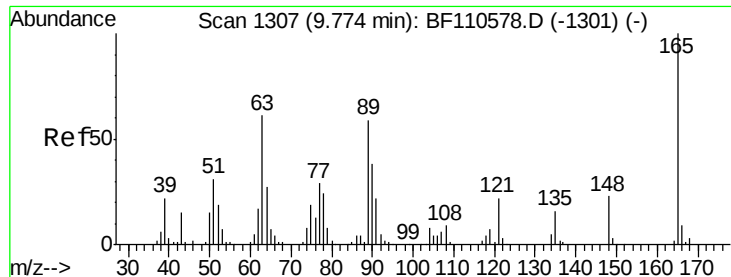
#50
Dimethylphthalate
Concen: 42.304 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion:163 Resp: 438474
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.0 8.1 12.1



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

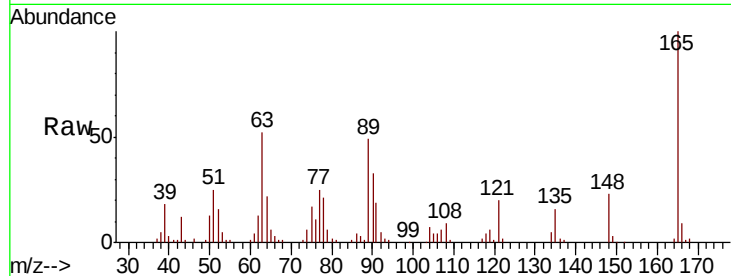




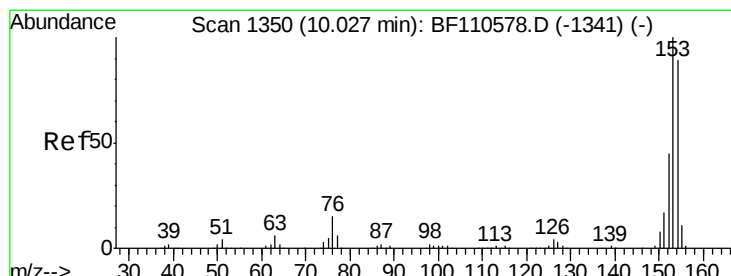
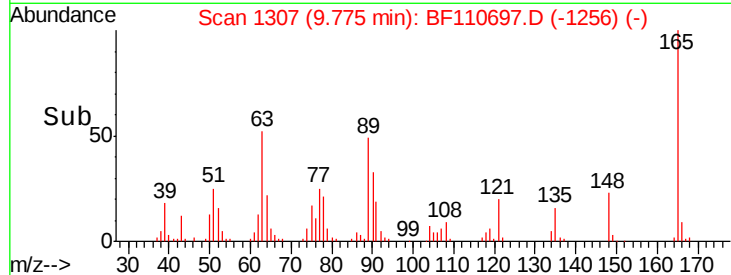
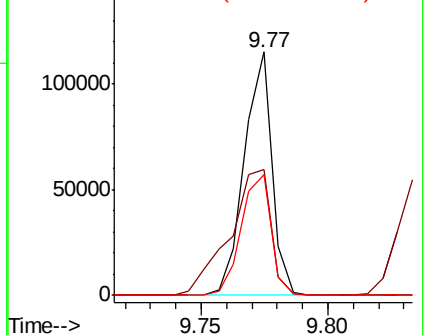
#51
2,6-Dinitrotoluene
Concen: 38.391 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.6	48.9	73.3
89	49.4	46.6	69.8

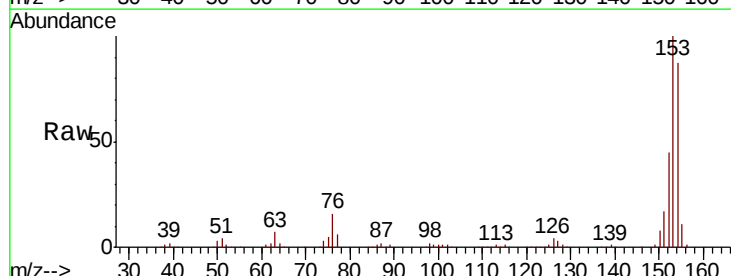


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

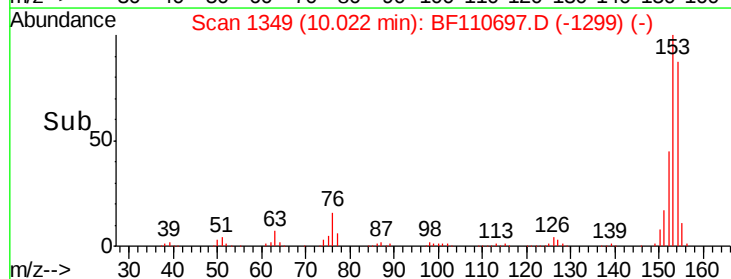
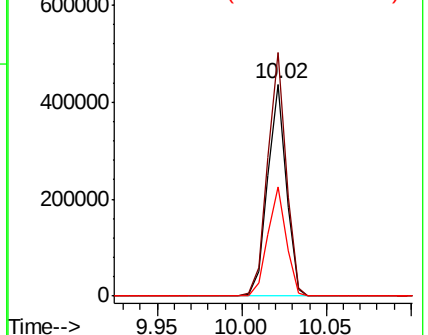


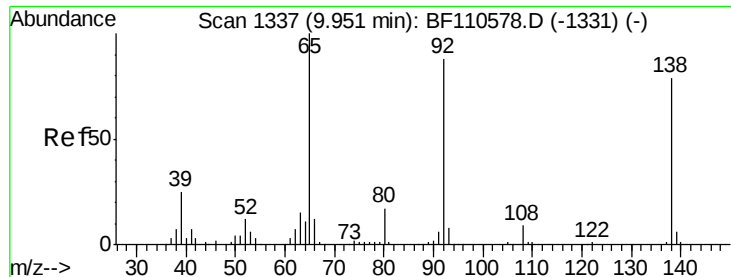
#52
Acenaphthene
Concen: 39.155 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.1	135.1
152	51.4	43.4	65.2



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

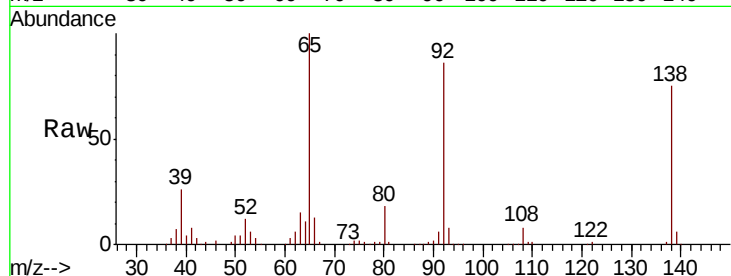




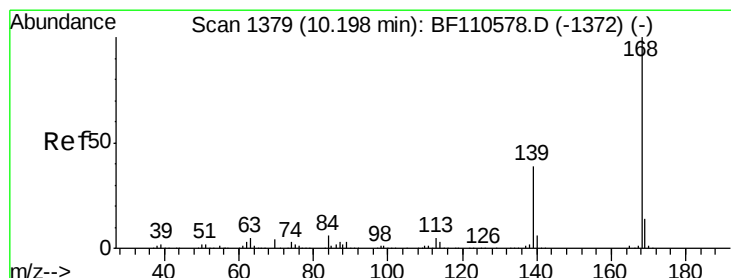
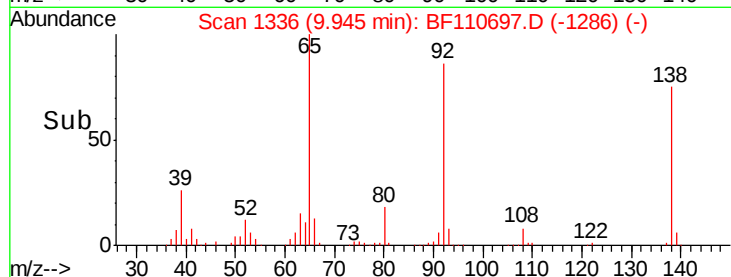
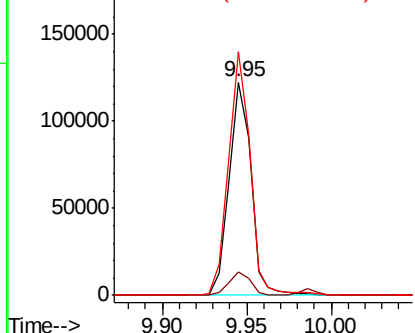
#53
3-Nitroaniline
Concen: 41.625 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 109955
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 114.3 97.0 145.4

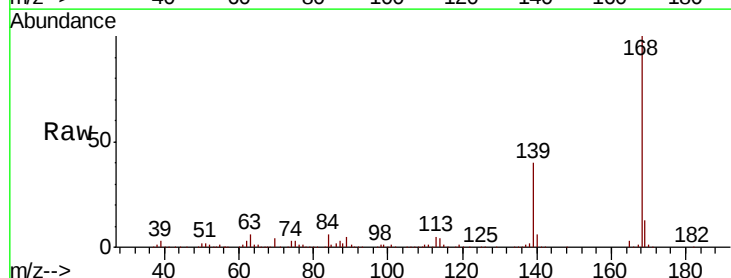


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

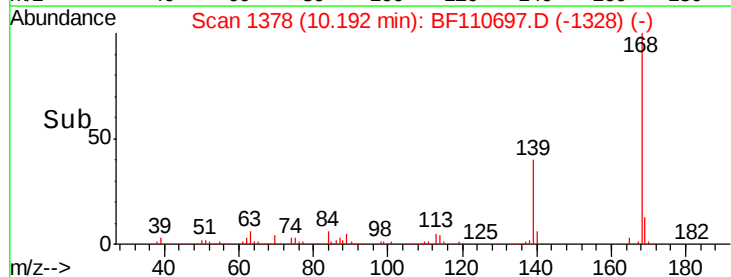
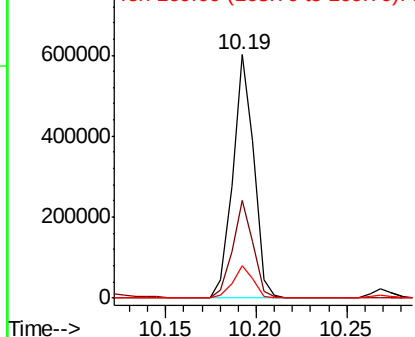


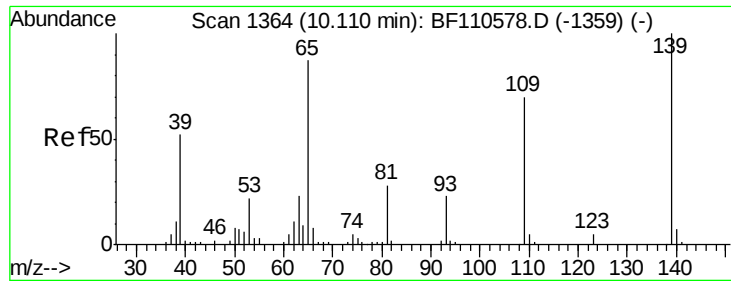
#55
Dibenzofuran
Concen: 38.986 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion:168 Resp: 484618
Ion Ratio Lower Upper
168 100
139 39.9 33.0 49.6
169 13.5 11.3 16.9



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

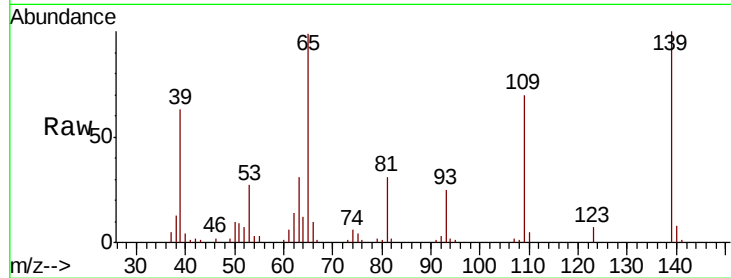




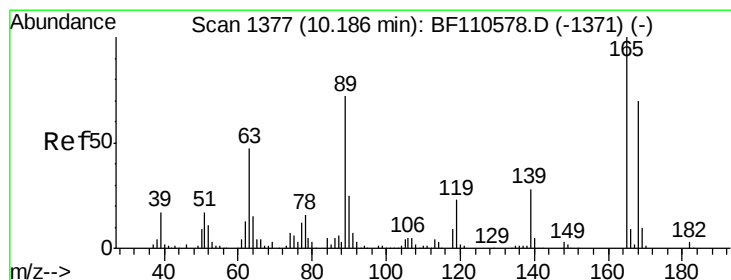
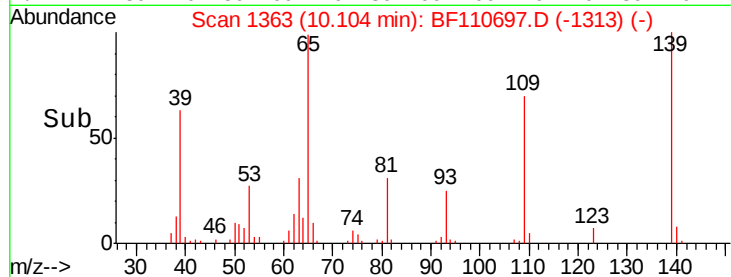
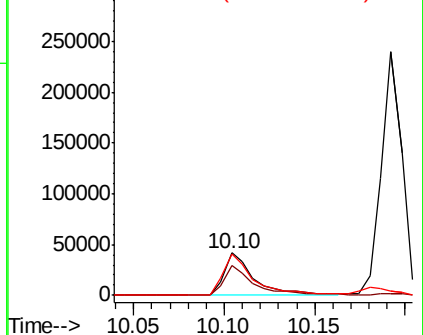
#56
4-Nitrophenol
Concen: 27.491 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 48177
Ion Ratio Lower Upper
139 100
109 70.1 55.8 95.8
65 99.1 77.9 117.9

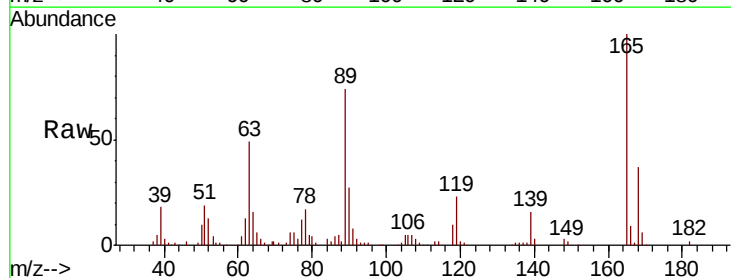


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

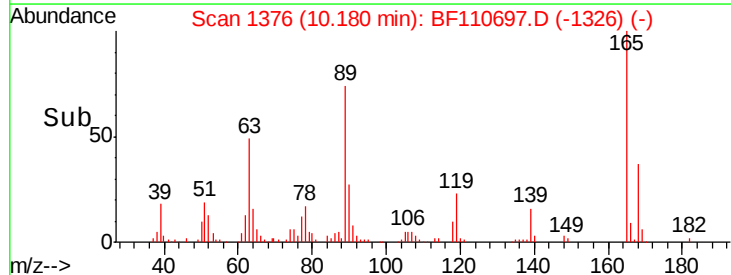
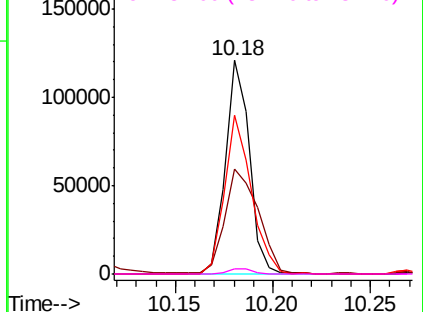


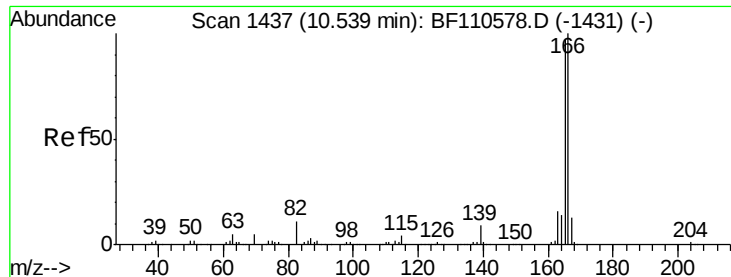
#57
2,4-Dinitrotoluene
Concen: 34.730 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion:165 Resp: 102960
Ion Ratio Lower Upper
165 100
63 49.4 44.8 67.2
89 74.1 62.2 93.4
182 2.5 2.1 3.1



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
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 37.750 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

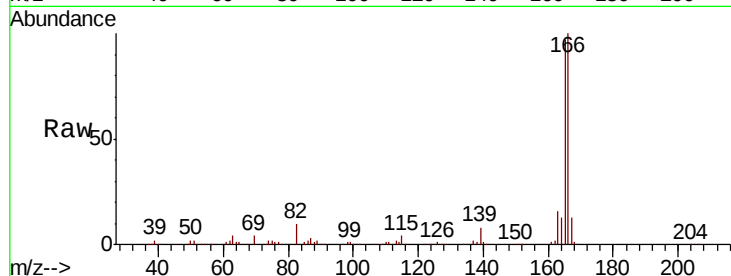
Tgt Ion:166 Resp: 360440

Ion Ratio Lower Upper

166 100

165 97.2 78.6 117.8

167 12.6 10.8 16.2

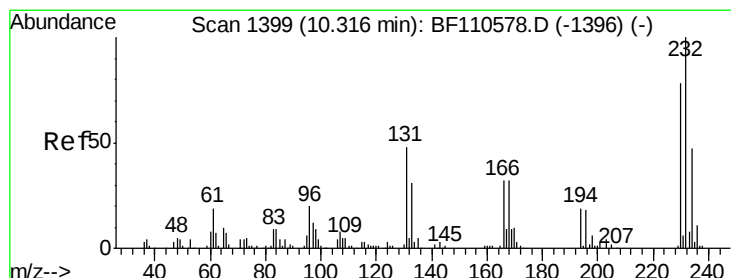
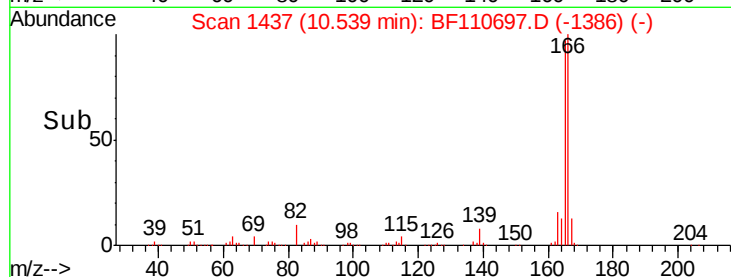
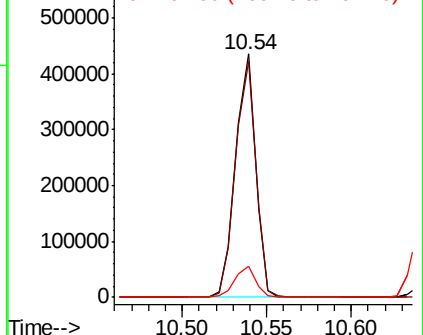


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 29.354 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.05 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Tgt Ion:232 Resp: 68059

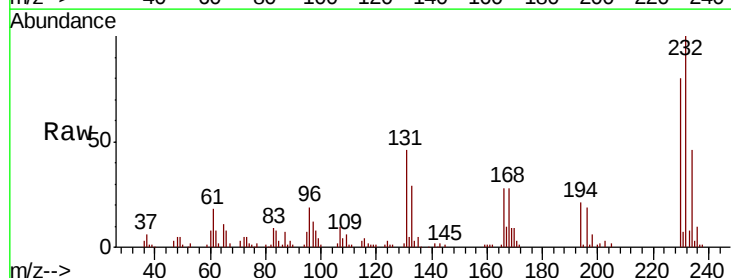
Ion Ratio Lower Upper

232 100

131 43.6 37.0 55.4

130 2.0 1.8 2.6

166 27.0 22.0 33.0



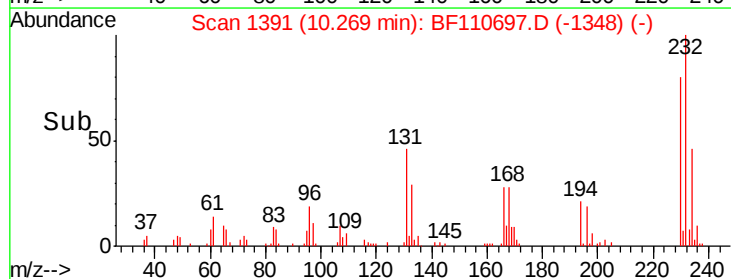
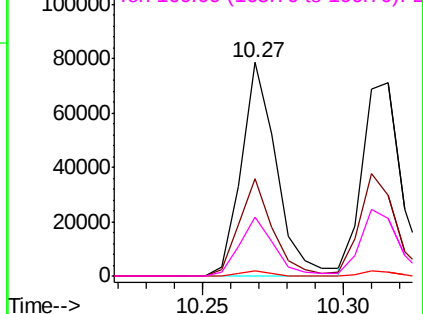
Abundance

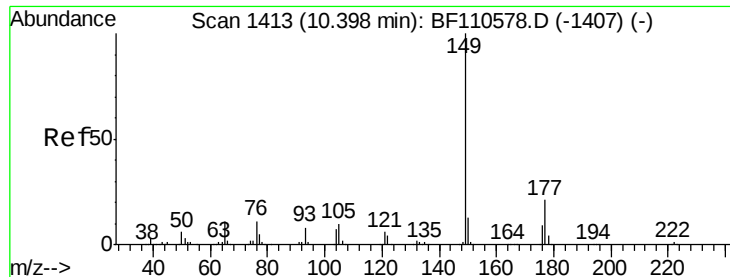
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

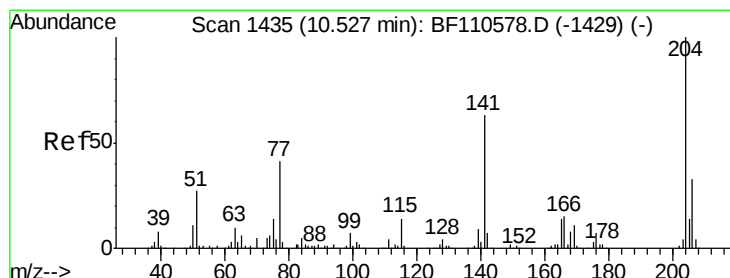
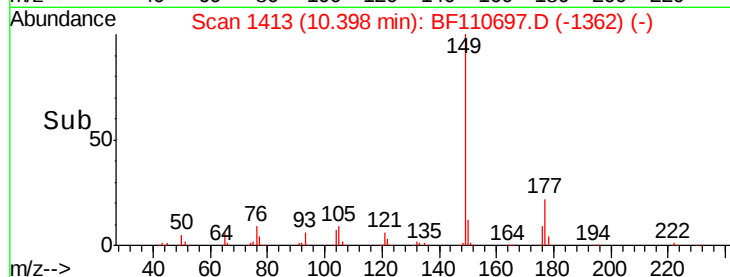
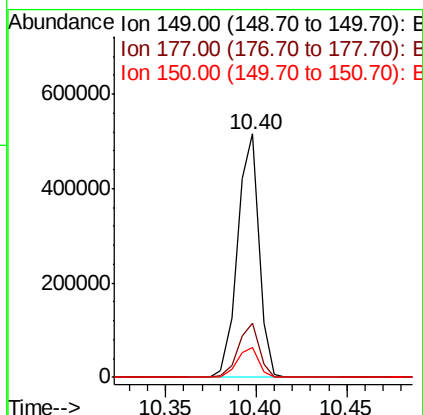
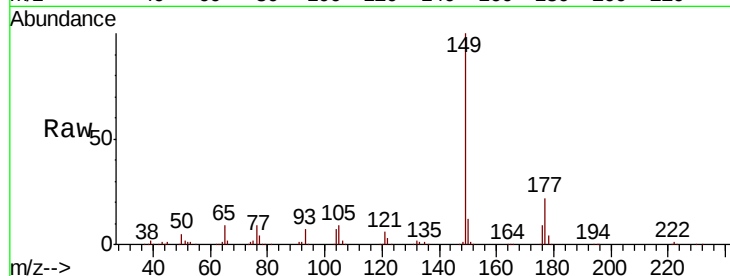




#60
Diethylphthalate
Concen: 41.471 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

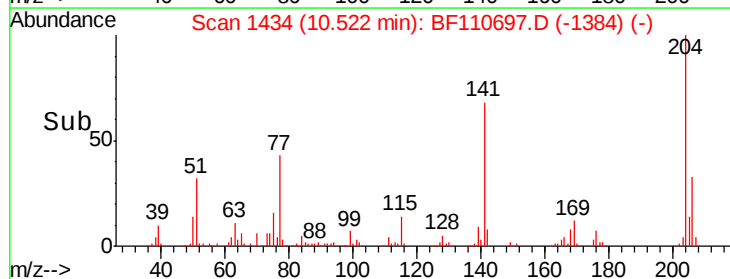
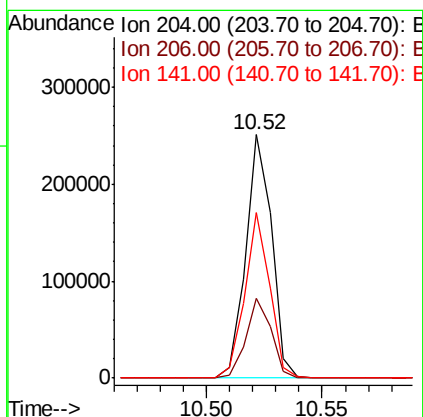
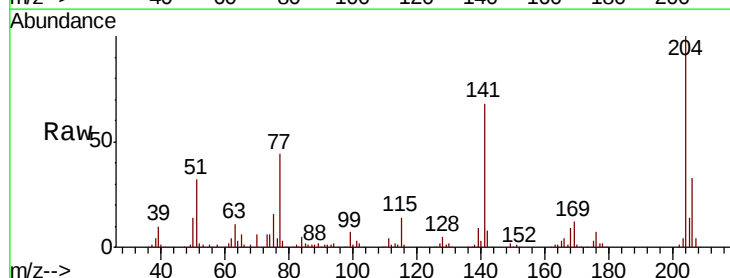
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

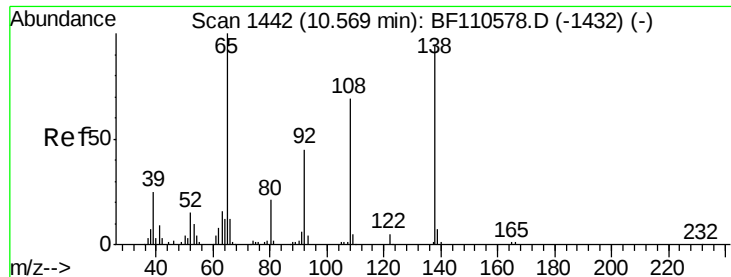
Tgt Ion:149 Resp: 425243
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.2
150 12.2 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 39.939 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion:204 Resp: 197443
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 68.0 51.8 77.8





#62

4-Nitroaniline

Concen: 38.719 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

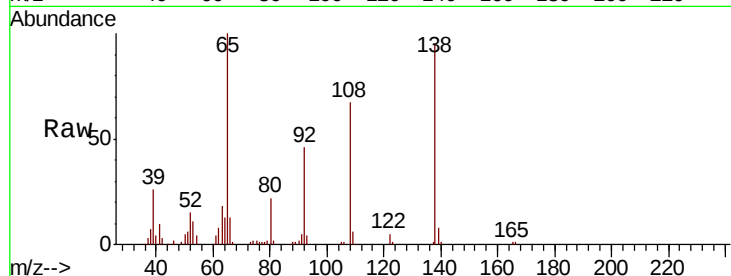
Tgt Ion:138 Resp: 102992

Ion Ratio Lower Upper

138 100

92 48.0 31.7 71.7

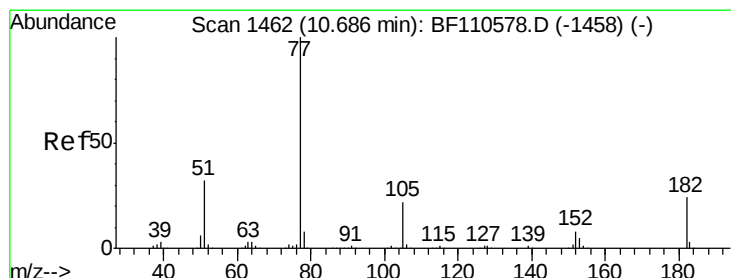
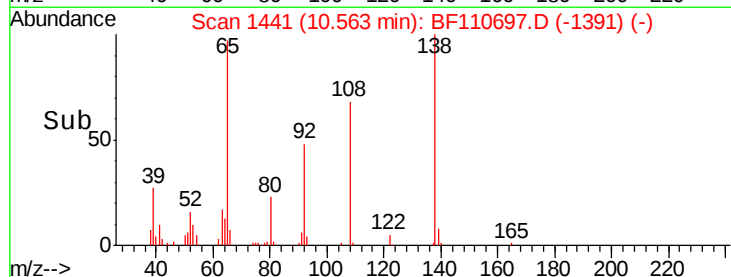
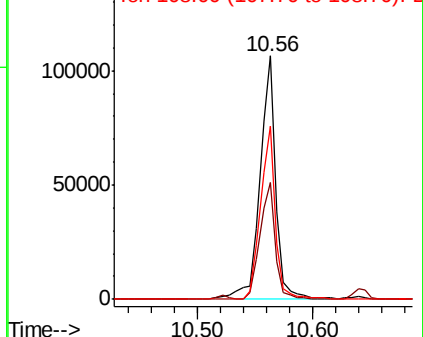
108 71.0 59.3 99.3



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: 38.157 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Tgt Ion: 77 Resp: 381736

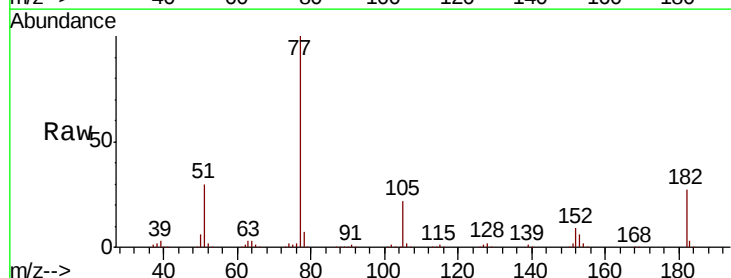
Ion Ratio Lower Upper

77 100

182 27.3 4.3 44.3

105 22.3 1.3 41.3

51 30.1 9.0 49.0

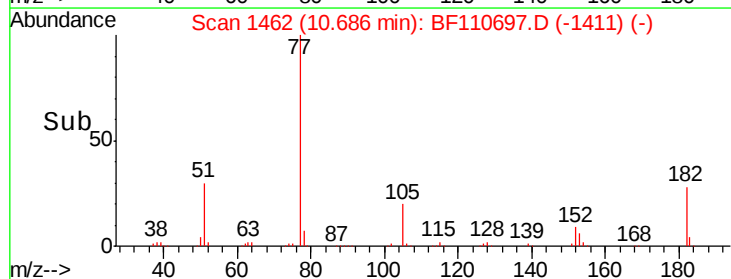
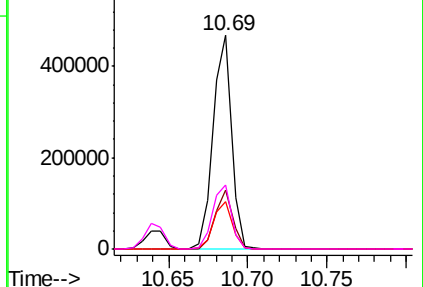


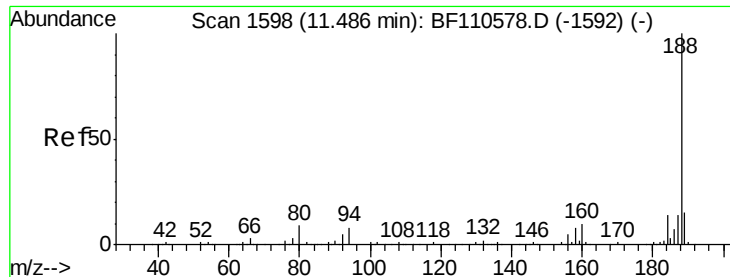
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

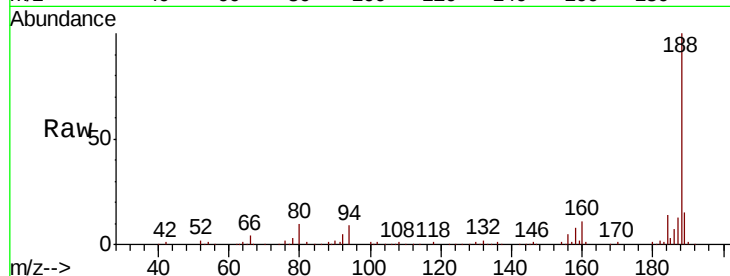
Tgt Ion:188 Resp: 212099

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

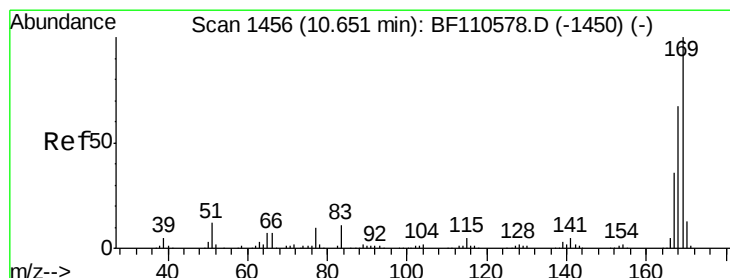
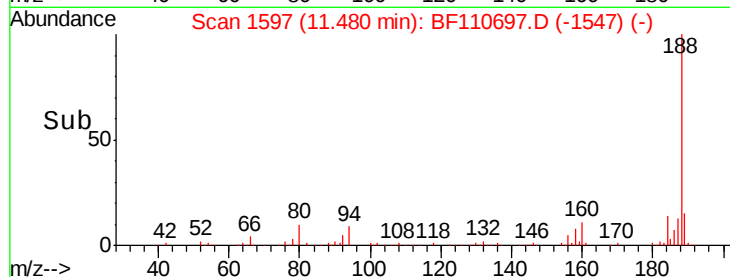
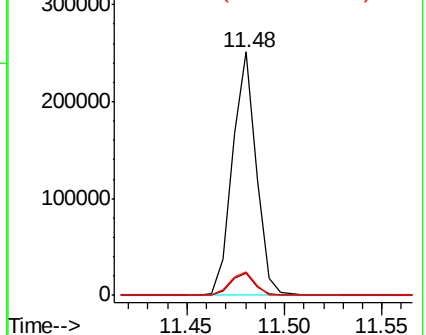
80 9.5 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

n-Nitrosodiphenylamine

Concen: 46.575 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

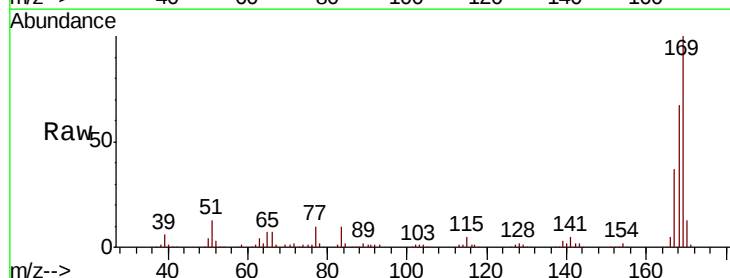
Tgt Ion:169 Resp: 332969

Ion Ratio Lower Upper

169 100

168 66.9 51.2 76.8

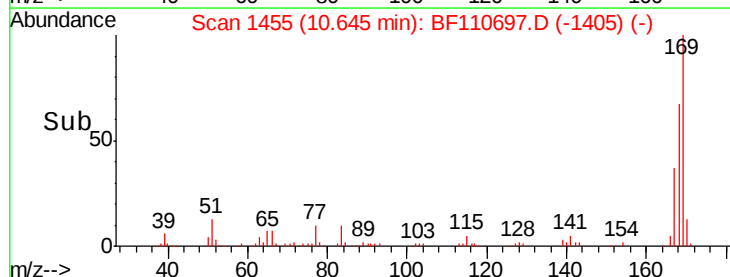
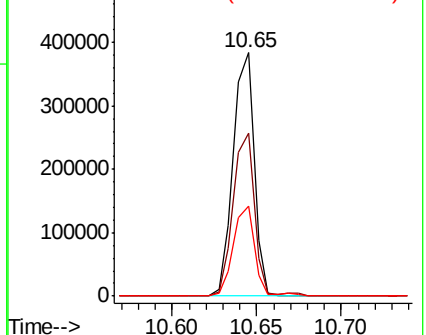
167 36.9 27.8 41.6

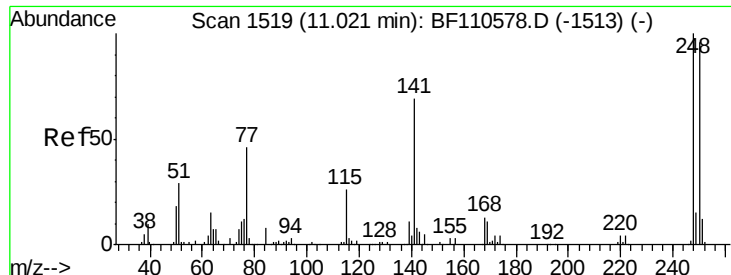


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

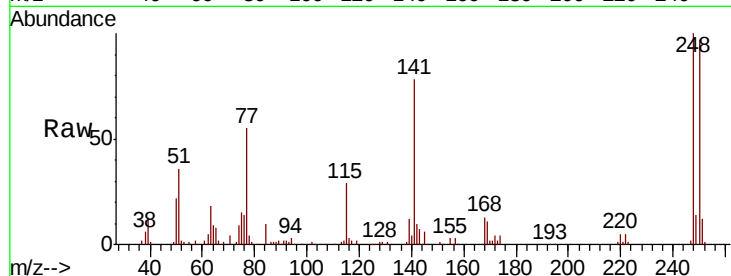




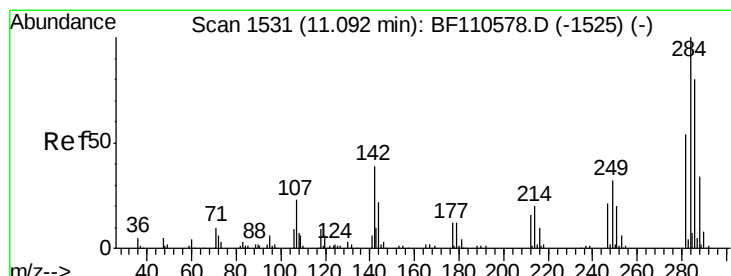
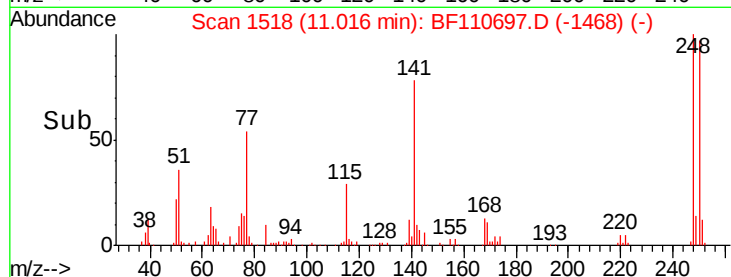
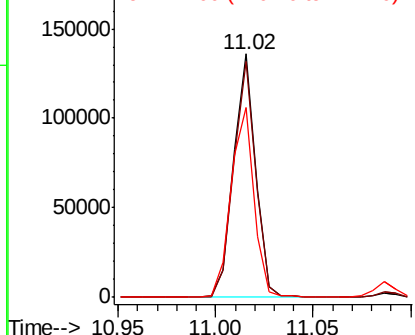
#67
 4-Bromophenyl-phenylether
 Concen: 45.610 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 248 Resp: 106915
 Ion Ratio Lower Upper
 248 100
 250 97.0 79.4 119.2
 141 78.1 55.9 83.9

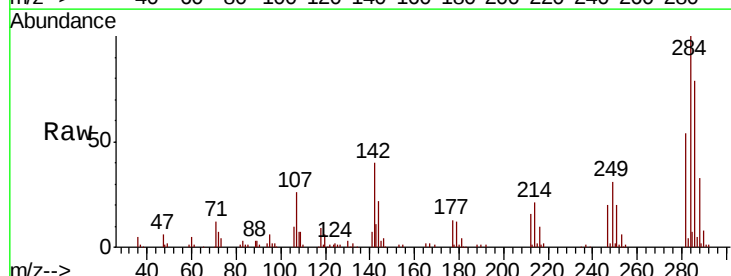


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

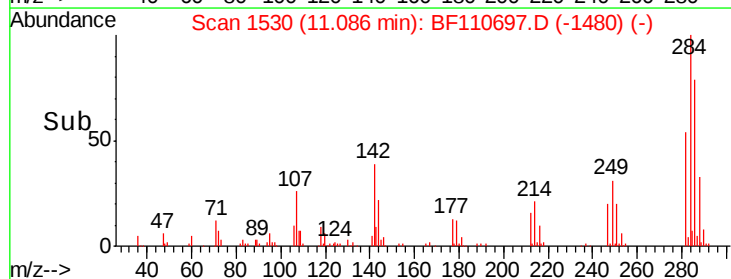
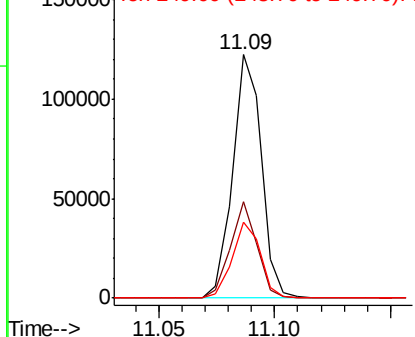


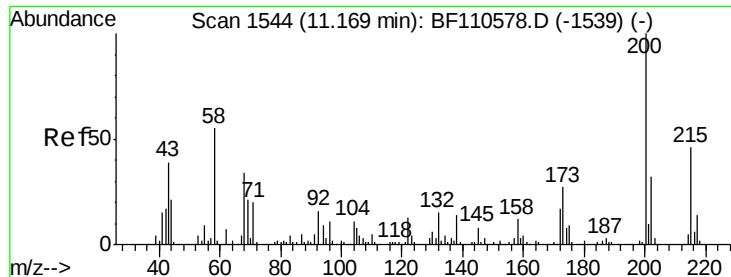
#68
 Hexachlorobenzene
 Concen: 42.791 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

Tgt Ion: 284 Resp: 105754
 Ion Ratio Lower Upper
 284 100
 142 39.5 23.9 35.9#
 249 31.3 24.2 36.2



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

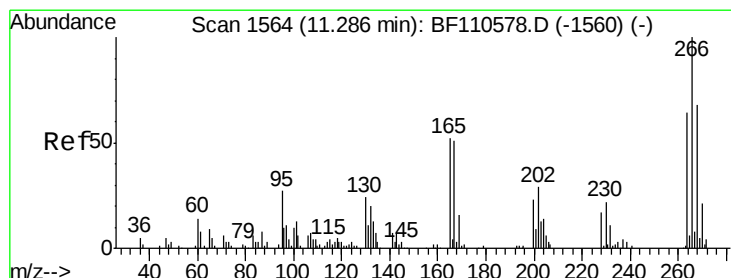
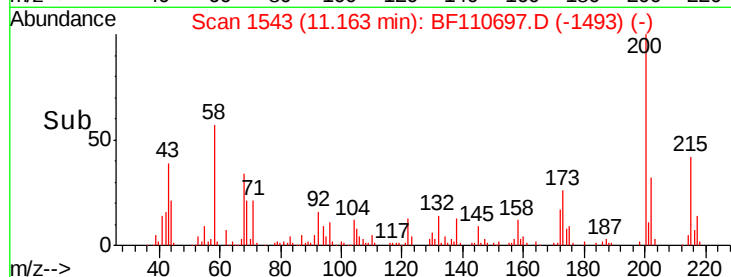
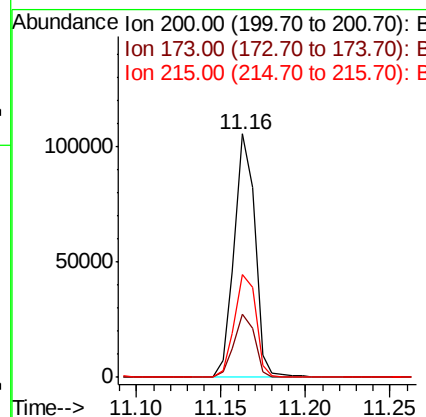
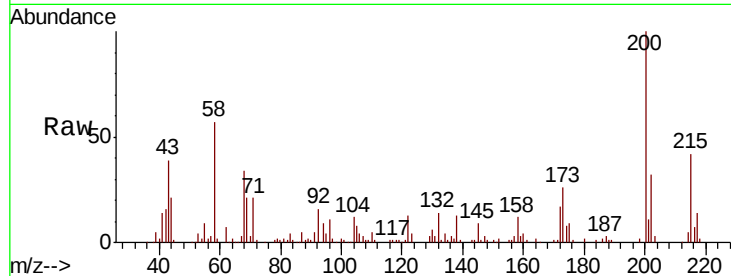




#69
Atrazine
Concen: 41.200 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

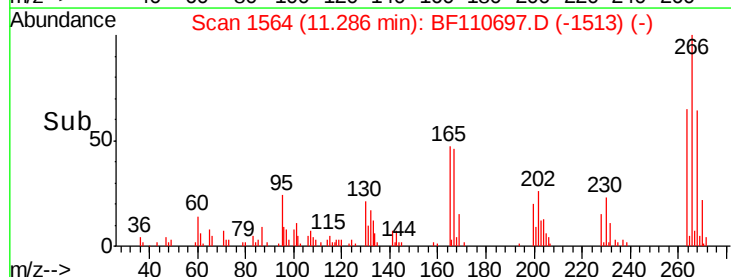
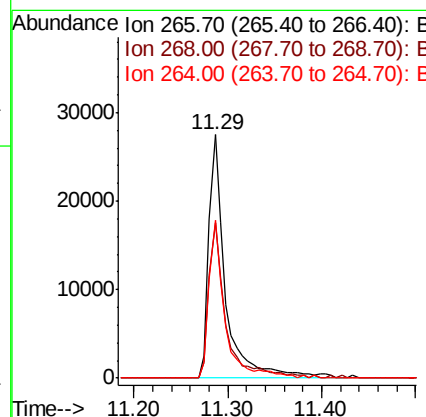
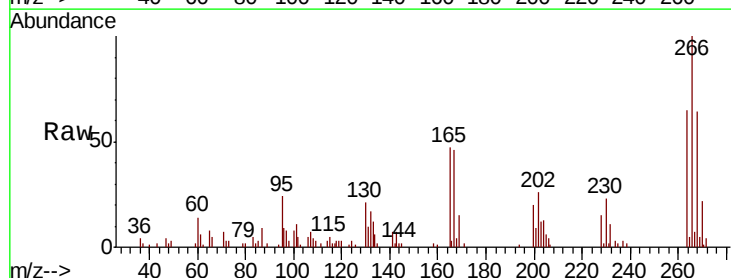
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

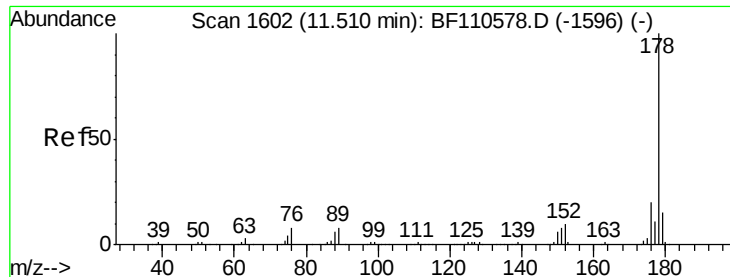
Tgt Ion:200 Resp: 90060
Ion Ratio Lower Upper
200 100
173 26.0 6.6 46.6
215 42.1 26.3 66.3



#70
Pentachlorophenol
Concen: 26.001 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion:266 Resp: 34288
Ion Ratio Lower Upper
266 100
268 64.0 50.6 75.8
264 64.6 50.6 75.8

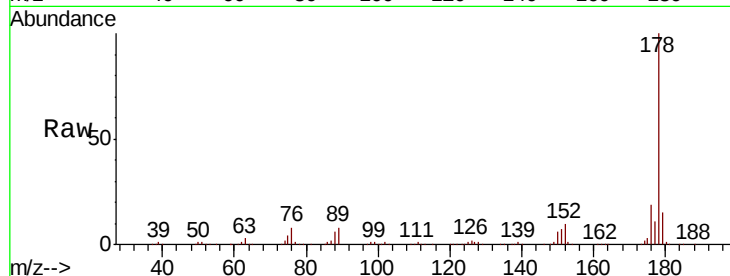




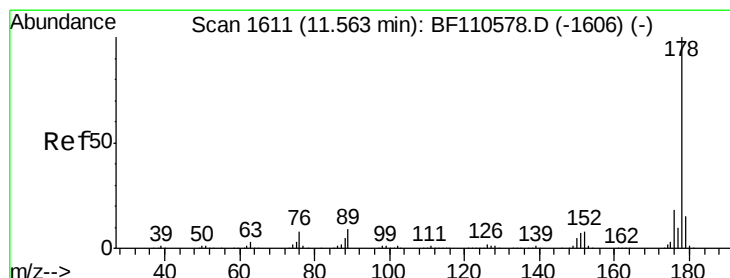
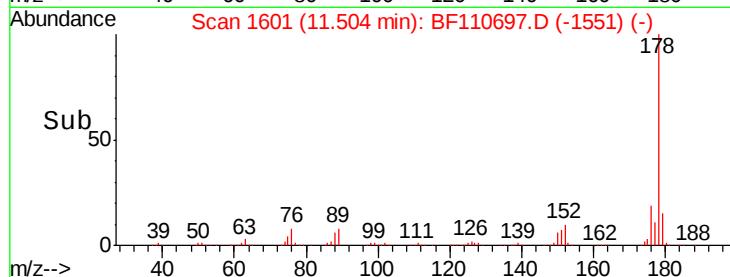
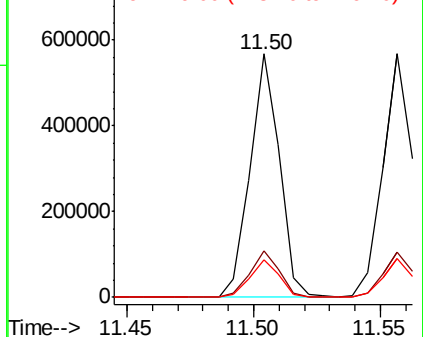
#71
Phenanthrene
Concen: 40.351 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 458519
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.5 18.7

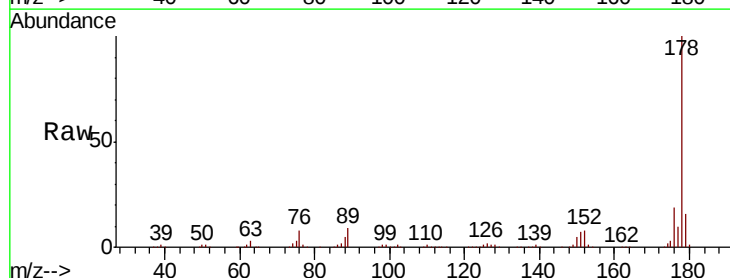


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

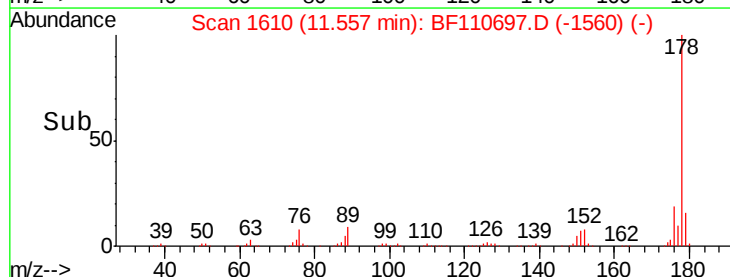
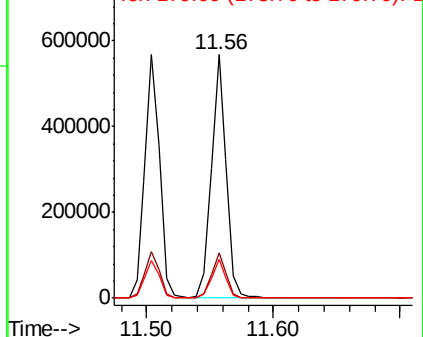


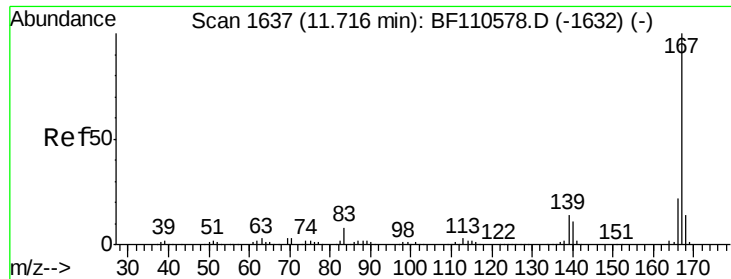
#72
Anthracene
Concen: 40.910 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion:178 Resp: 468935
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.8 12.6 18.8



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

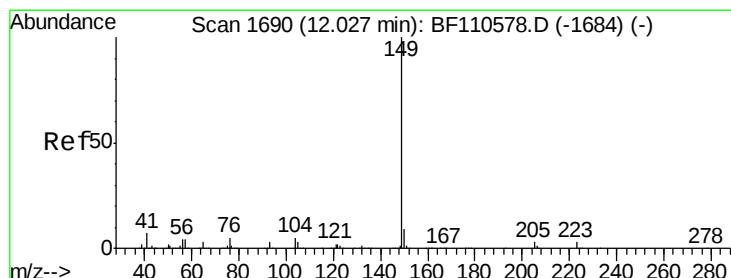
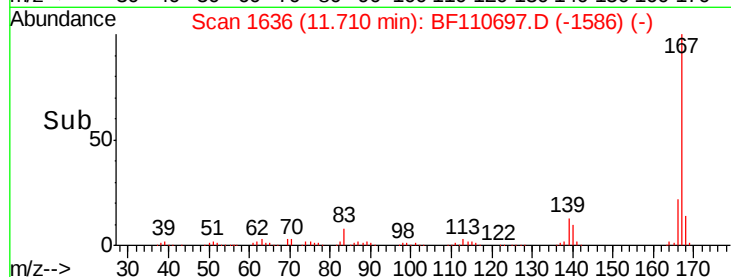
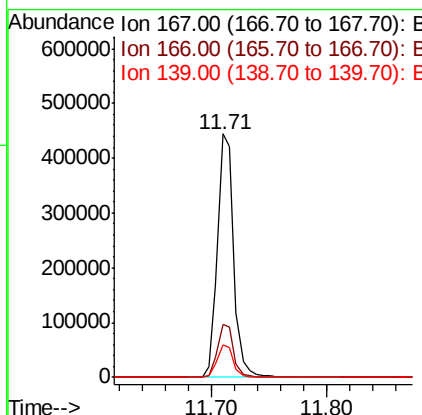
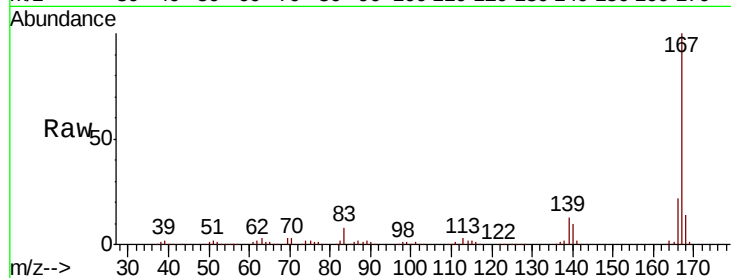




#73
 Carbazole
 Concen: 39.505 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

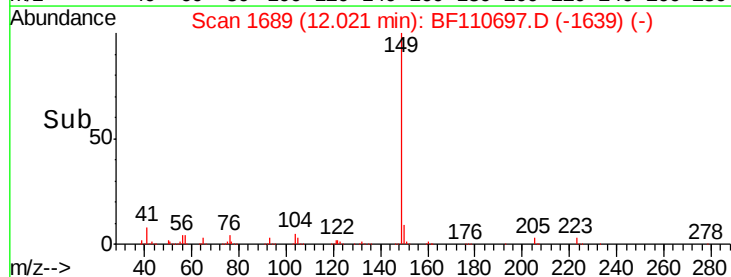
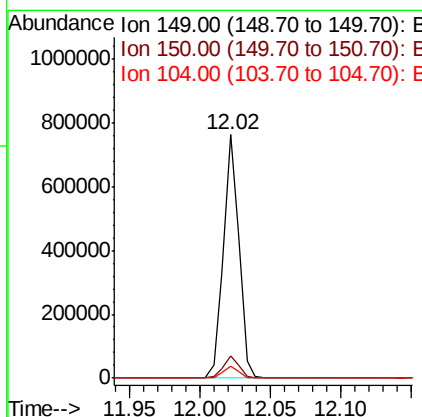
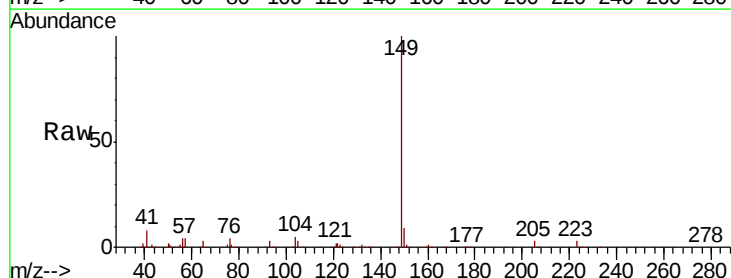
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

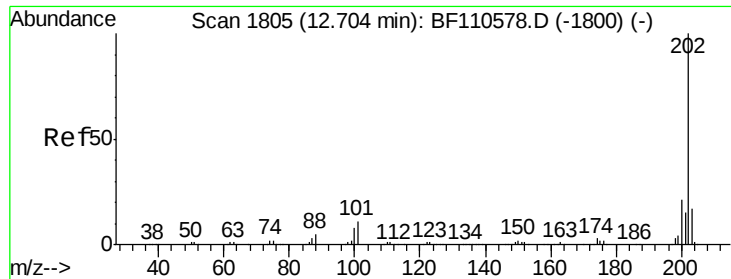
Tgt Ion:167 Resp: 434883
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 45.299 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

Tgt Ion:149 Resp: 584777
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.8 4.2 6.4

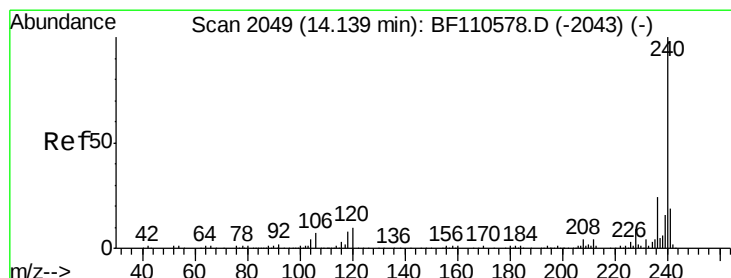
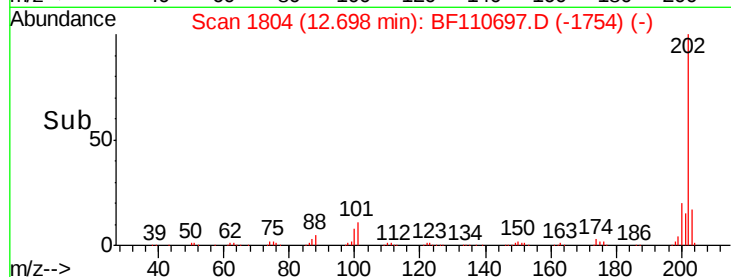
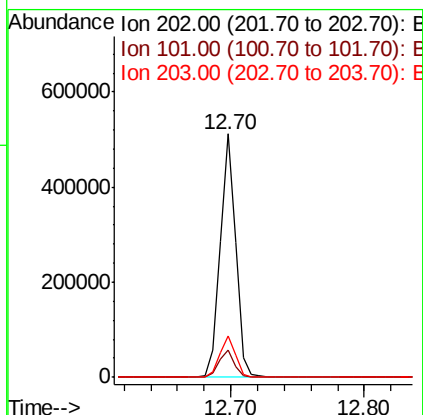
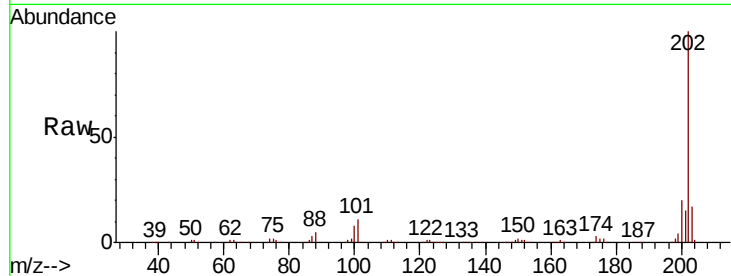




#75
Fluoranthene
 Concen: 37.187 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

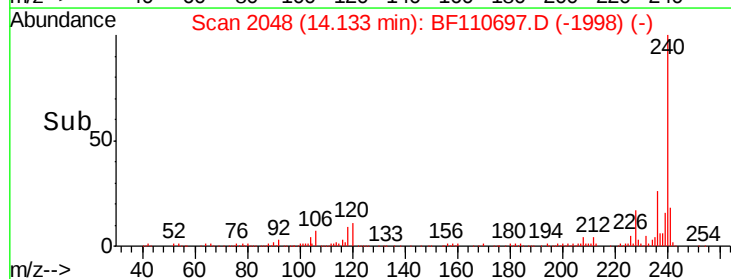
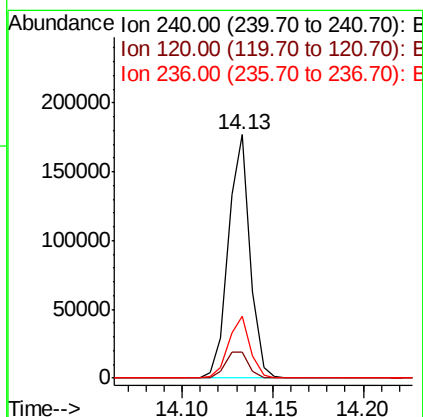
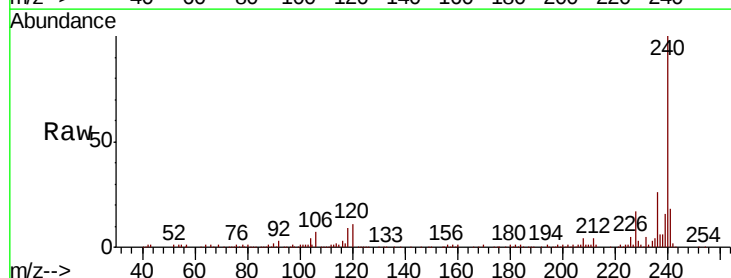
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

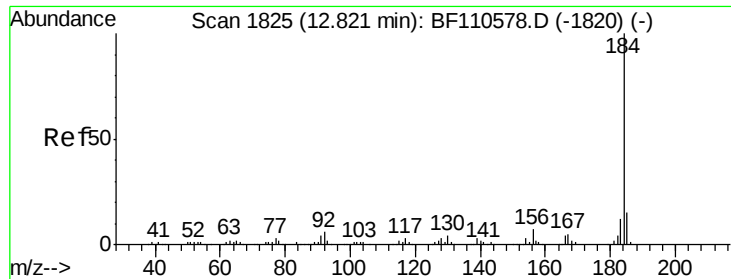
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.4
203	17.1	0.0	37.7



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110697.D
 Acq: 13 Nov 2018 2:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.6	21.2	31.8





#77

Benzidine

Concen: 44.916 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

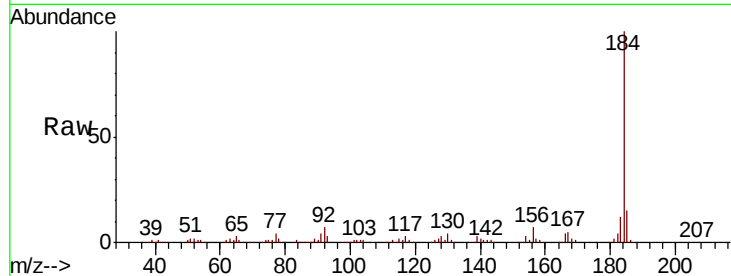
Tgt Ion:184 Resp: 181519

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.2

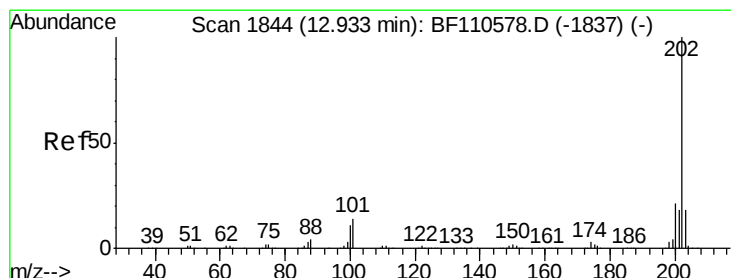
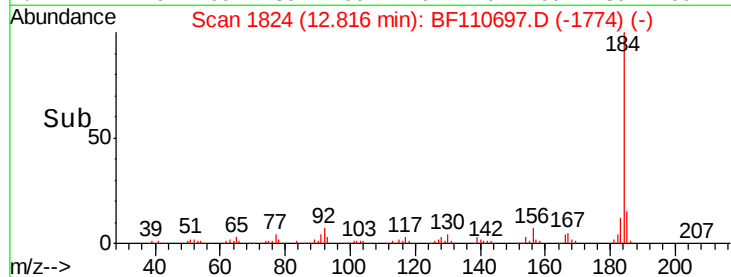
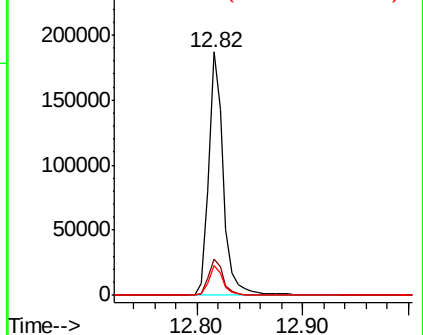
183 12.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.512 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

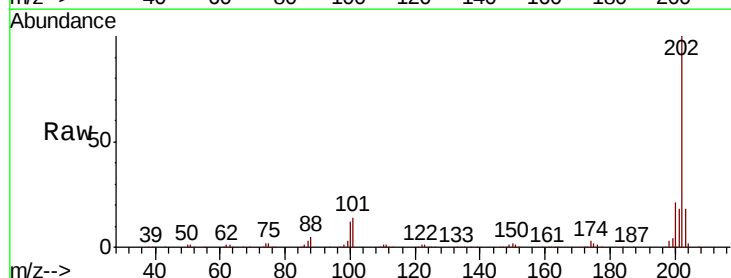
Tgt Ion:202 Resp: 424452

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

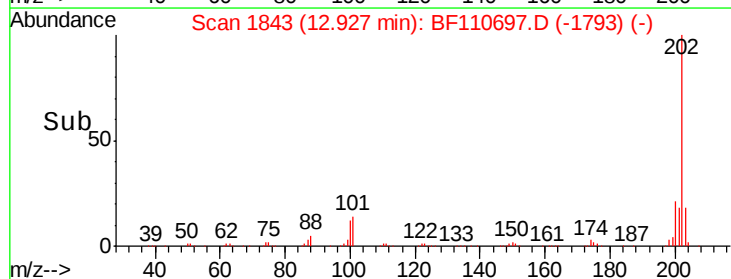
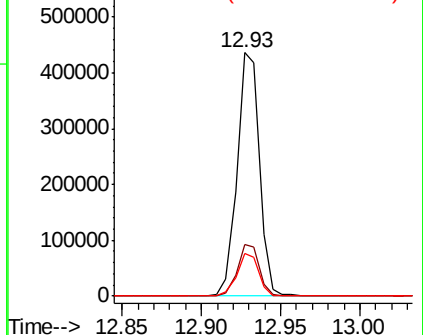
203 17.5 14.2 21.4

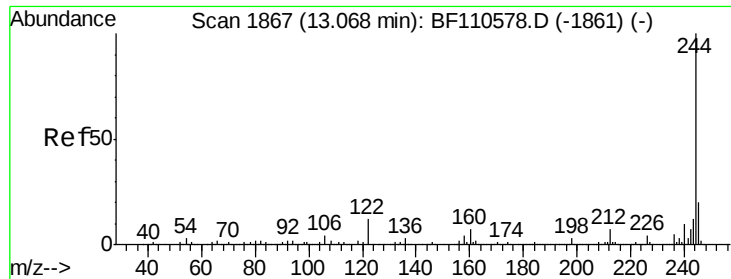


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.091 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

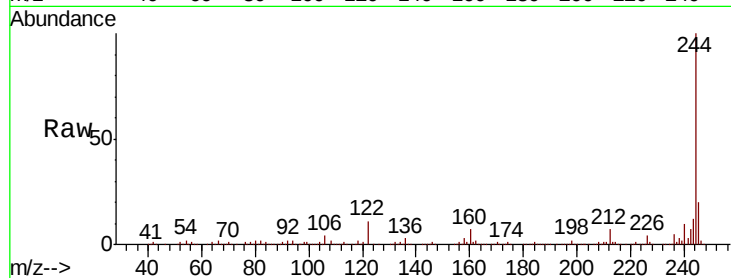
Tgt Ion:244 Resp: 612773

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

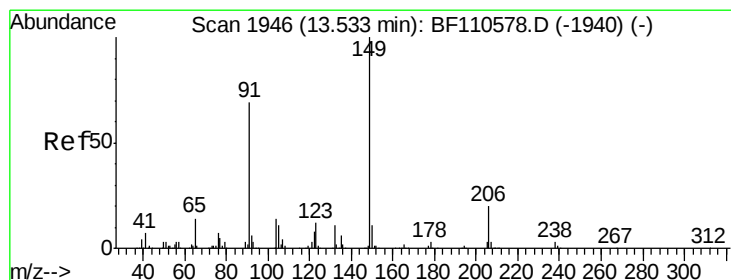
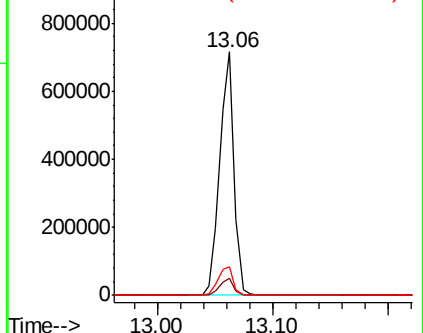
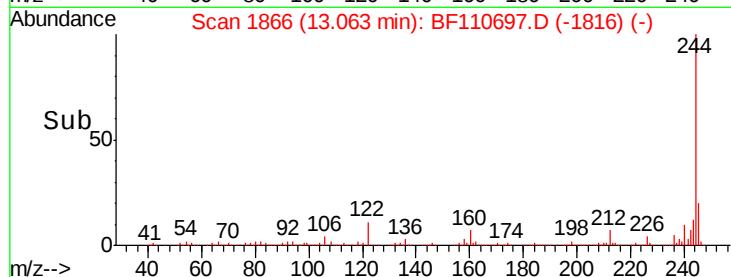
122 11.5 8.7 13.1



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: 41.442 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

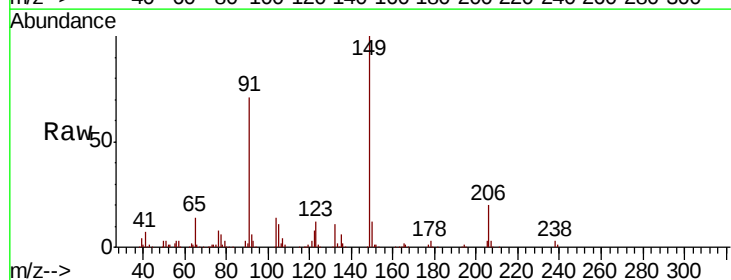
Tgt Ion:149 Resp: 201831

Ion Ratio Lower Upper

149 100

91 70.7 57.2 85.8

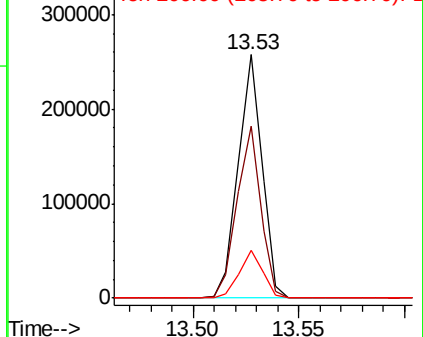
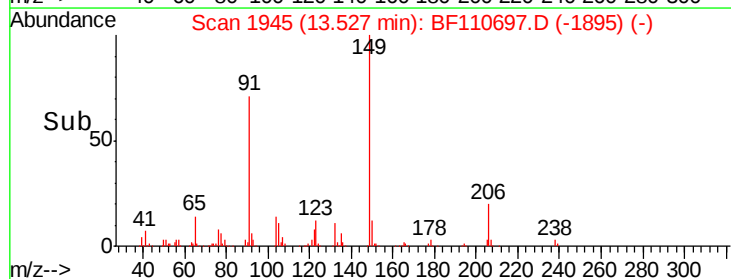
206 19.9 15.7 23.5

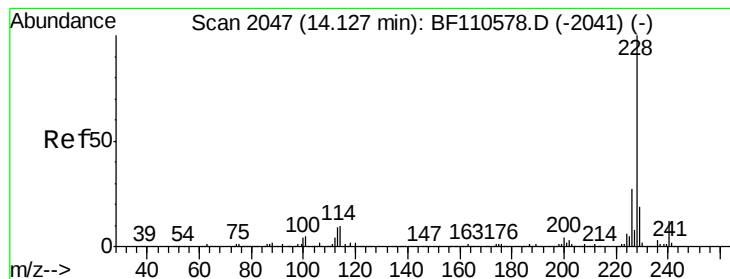


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.370 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

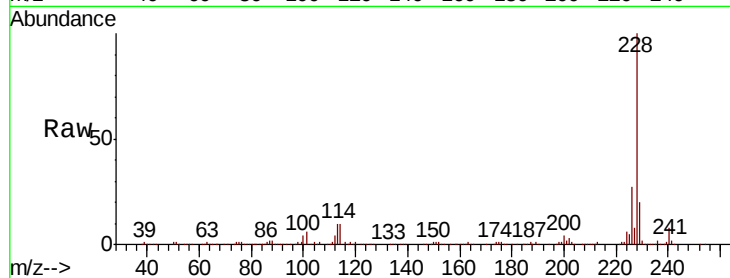
Tgt Ion:228 Resp: 354598

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

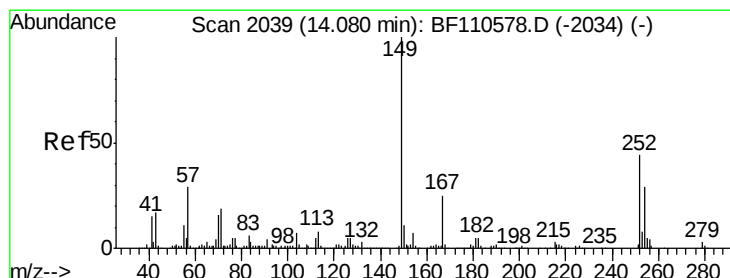
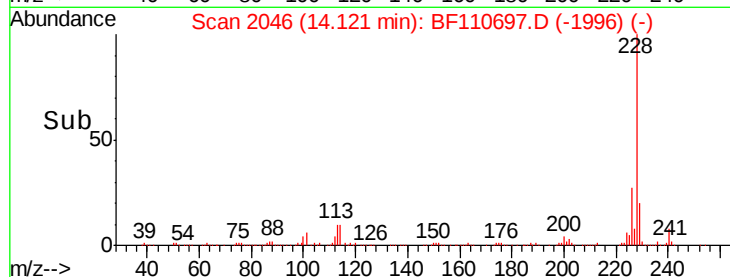
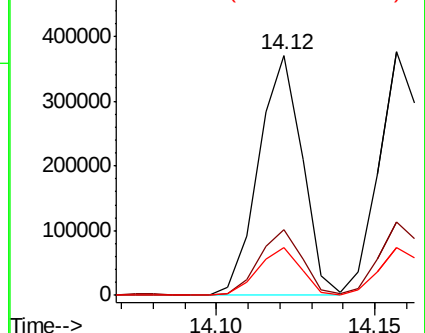
229 19.8 15.6 23.4



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: 44.850 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

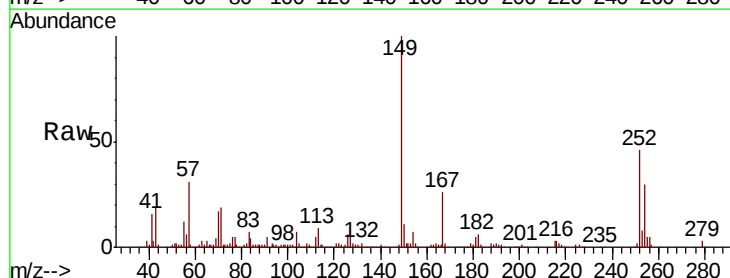
Tgt Ion:252 Resp: 131970

Ion Ratio Lower Upper

252 100

254 64.8 51.3 76.9

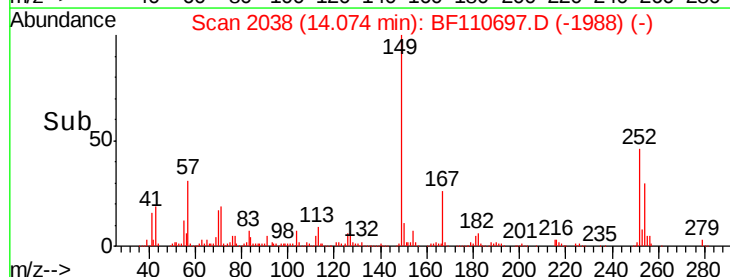
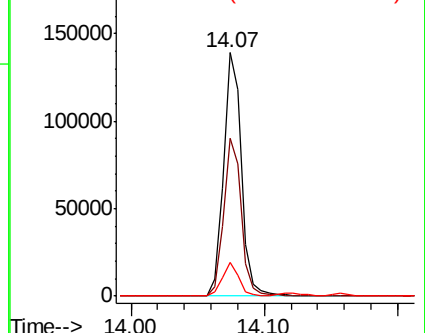
126 13.7 9.4 14.2

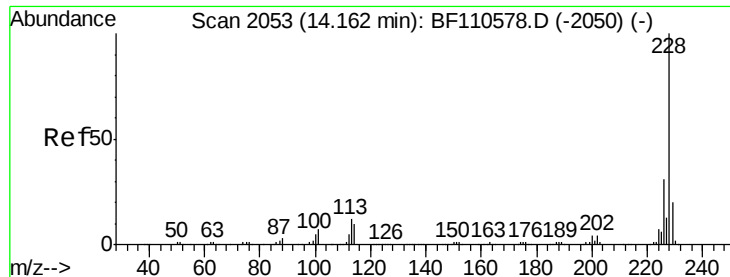


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.762 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

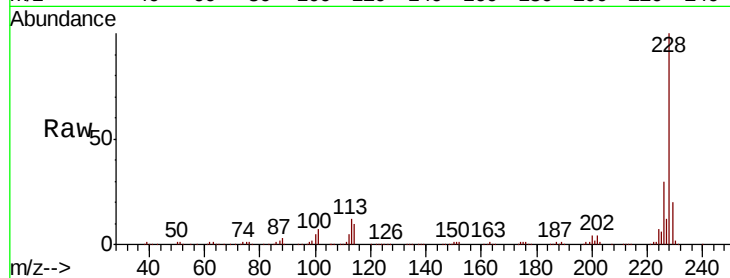
Tgt Ion:228 Resp: 341108

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

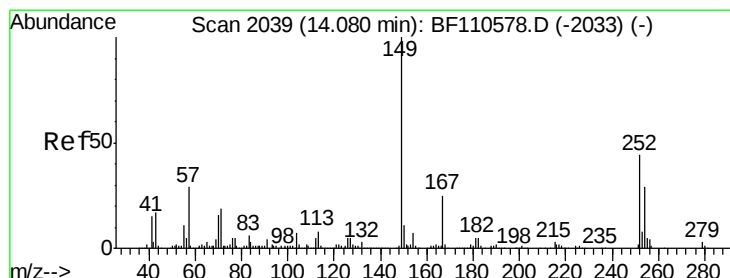
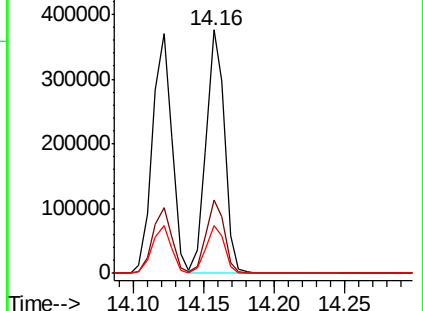
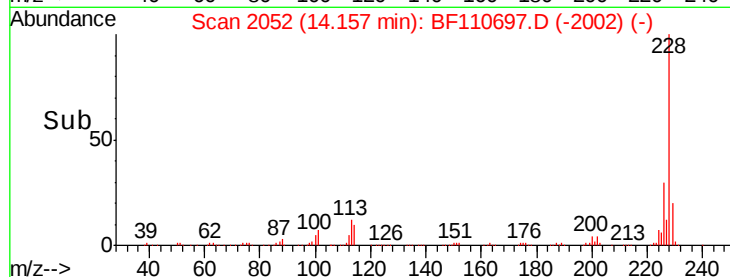
229 19.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.528 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

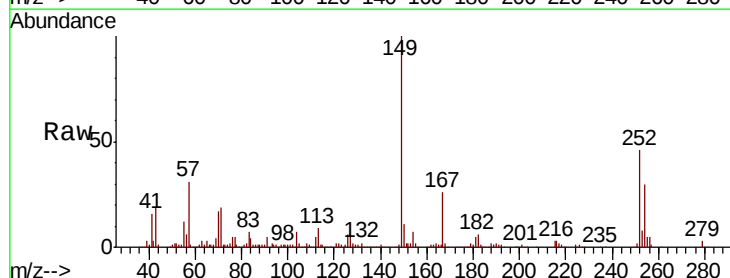
Tgt Ion:149 Resp: 275062

Ion Ratio Lower Upper

149 100

167 26.0 19.8 29.8

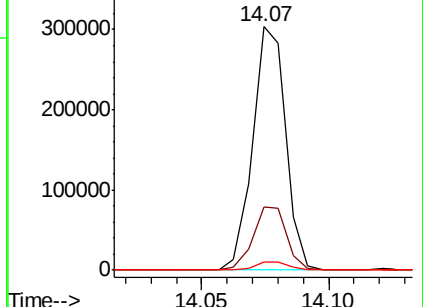
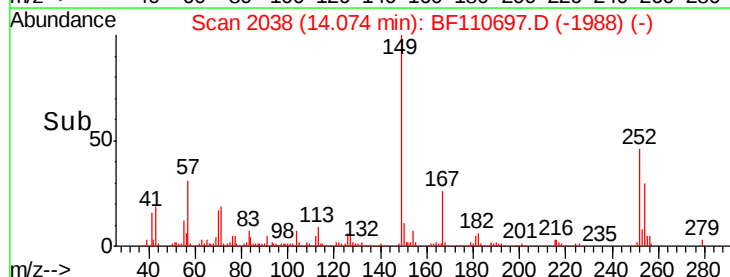
279 3.3 2.7 4.1

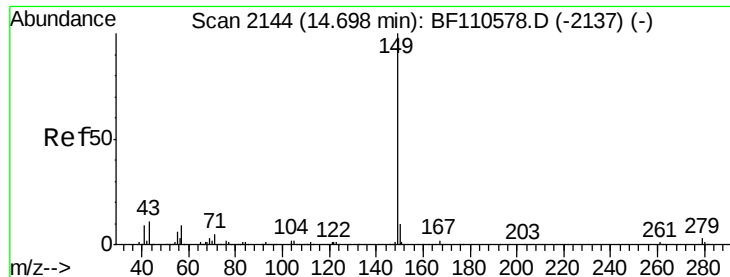


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.031 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

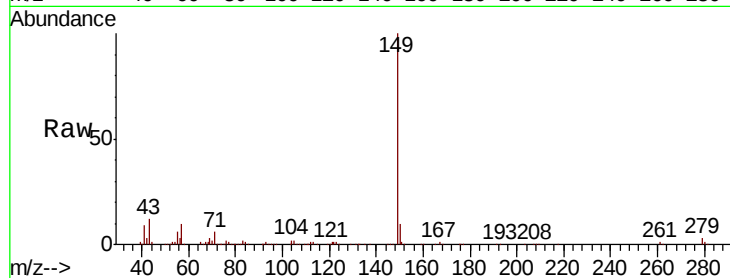
Tgt Ion:149 Resp: 453380

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

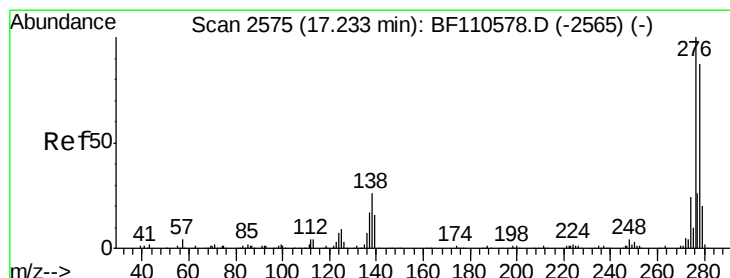
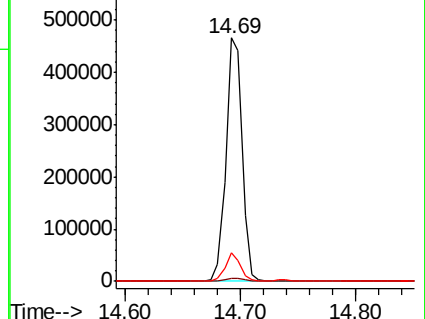
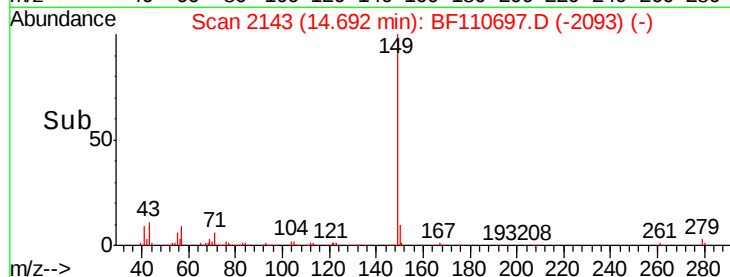
43 10.3 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.043 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

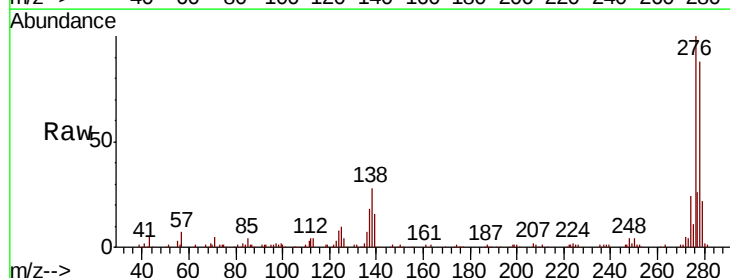
Tgt Ion:276 Resp: 246461

Ion Ratio Lower Upper

276 100

138 25.7 18.5 27.7

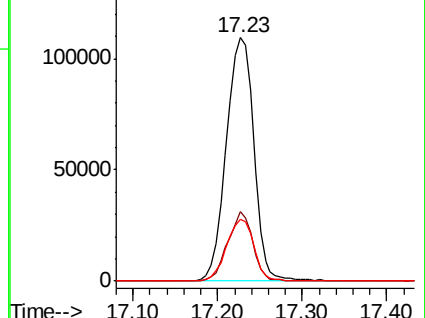
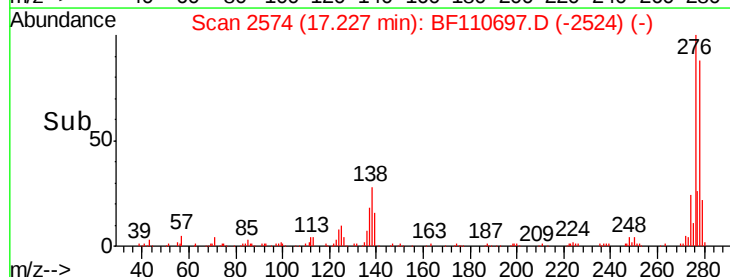
277 25.0 20.0 30.0

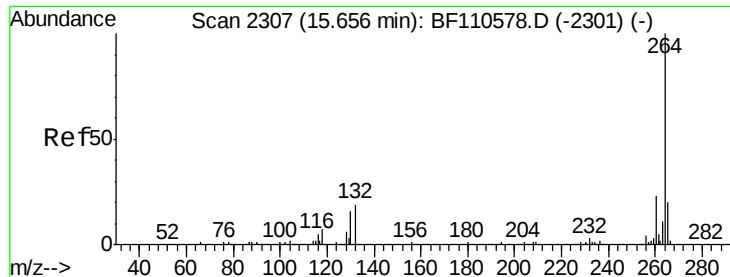


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

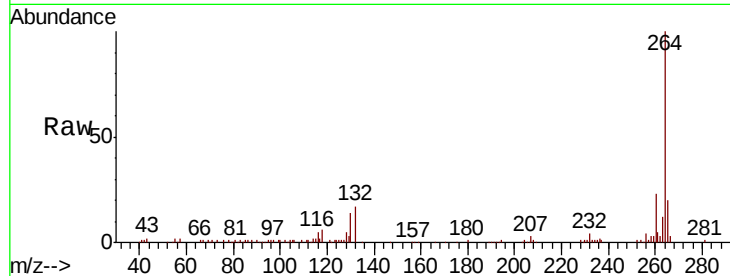
Tgt Ion:264 Resp: 116206

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.4 16.7 25.1

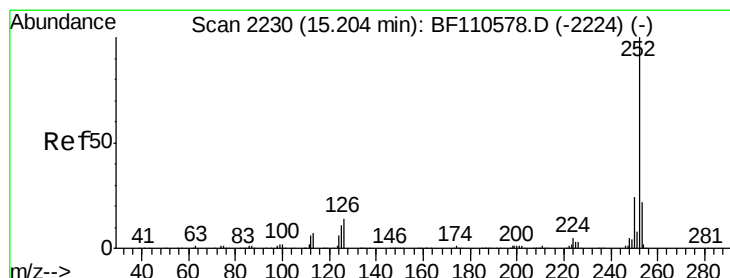
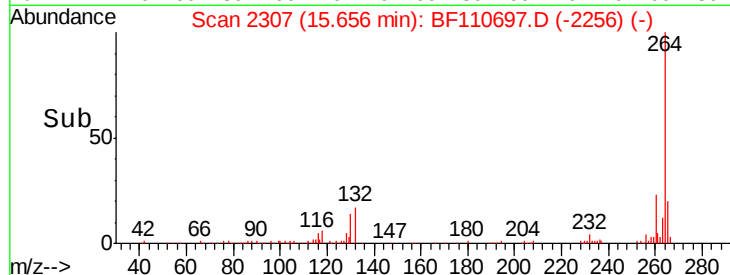
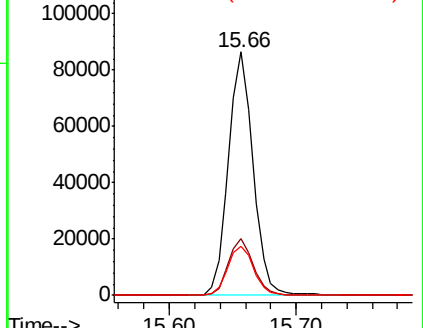


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.080 ng

RT: 15.20 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

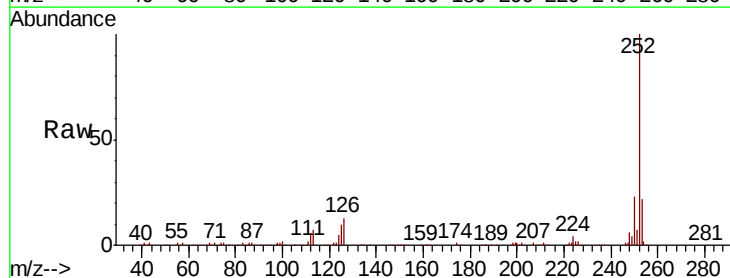
Tgt Ion:252 Resp: 278627

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.6 8.2 12.4

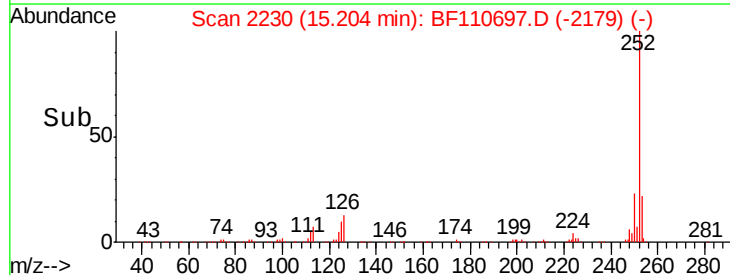
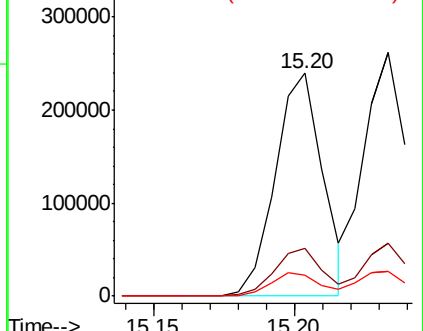


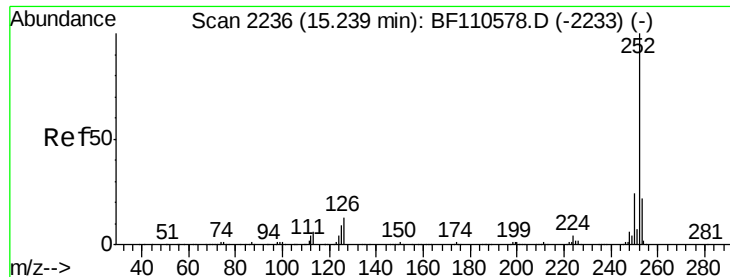
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

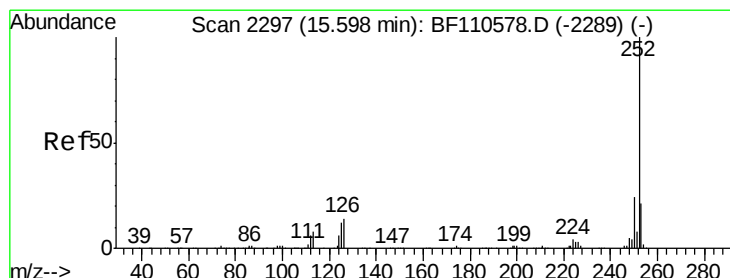
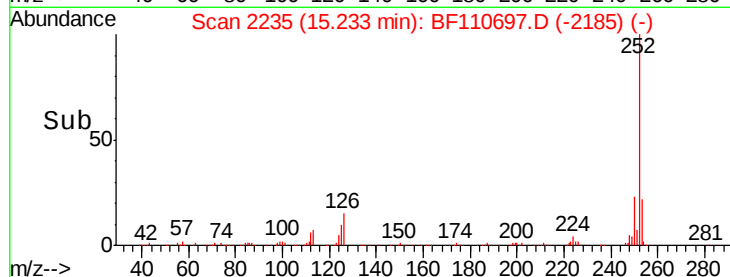
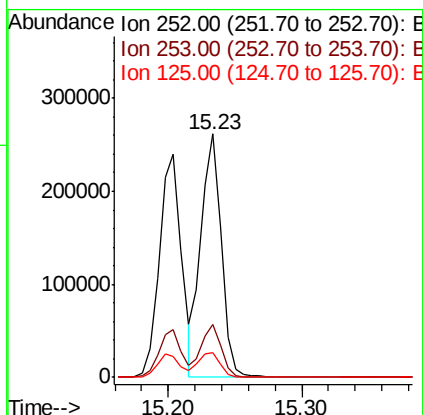
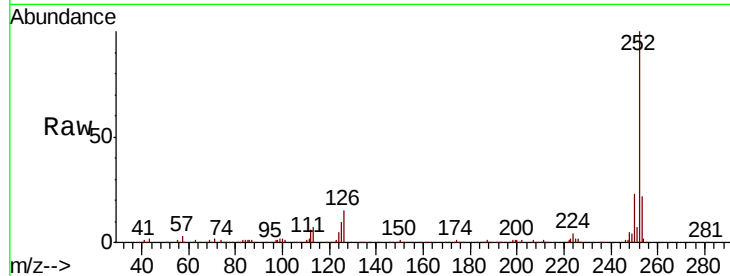




#89
Benzo(k)fluoranthene
Concen: 40.468 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

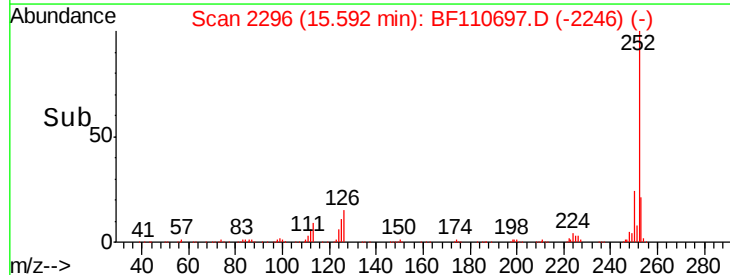
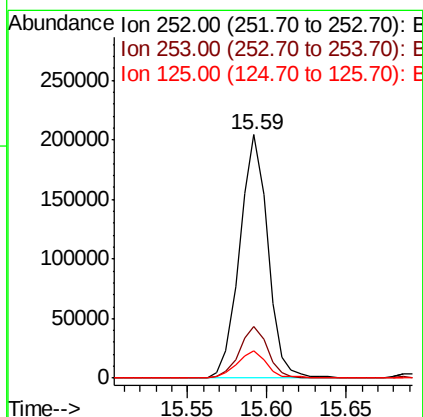
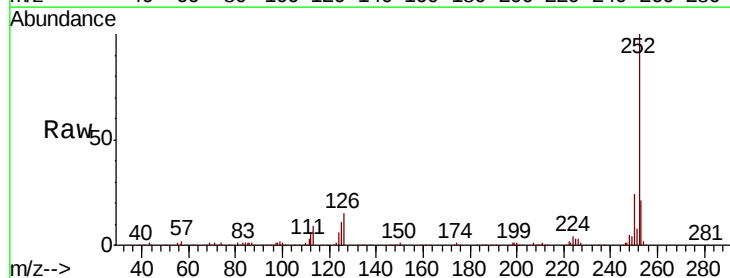
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

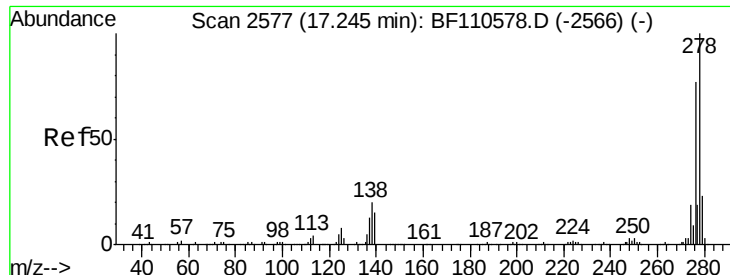
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.2	7.4	11.0



#90
Benzo(a)pyrene
Concen: 39.824 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110697.D
Acq: 13 Nov 2018 2:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	11.3	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 39.095 ng

RT: 17.23 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

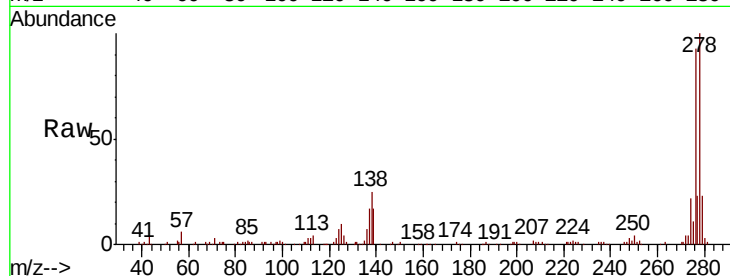
Tgt Ion:278 Resp: 208970

Ion Ratio Lower Upper

278 100

139 17.0 12.7 19.1

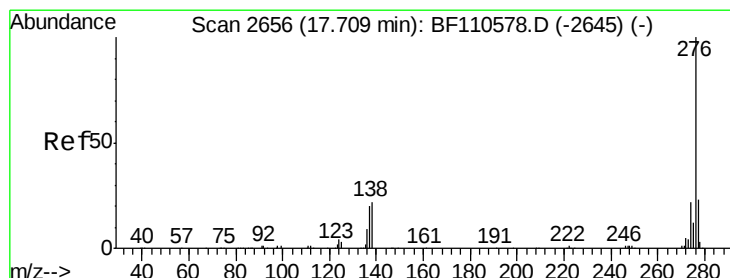
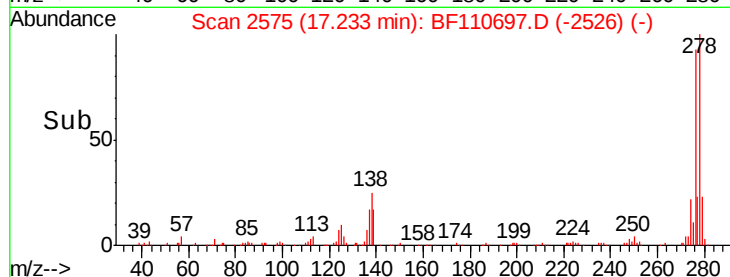
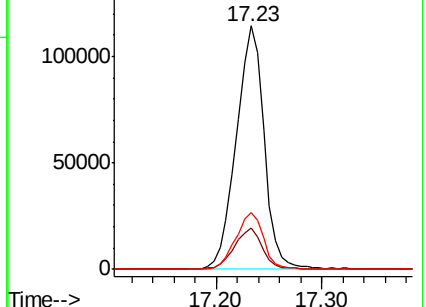
279 23.1 19.0 28.4



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: 37.180 ng

RT: 17.70 min Scan# 2655

Delta R.T. -0.01 min

Lab File: BF110697.D

Acq: 13 Nov 2018 2:33

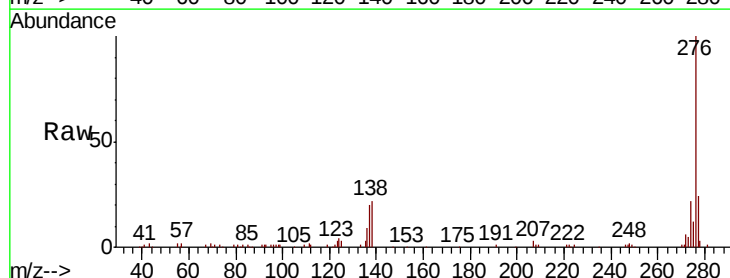
Tgt Ion:276 Resp: 197176

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.1 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

