

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103697.D
 Acq On : 16 Mar 2018 15:32
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 17:14:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136819	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	582209	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	276017	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	506786	20.00	ng	0.00
75) Chrysene-d12	14.15	240	412380	20.00	ng	0.00
86) Perylene-d12	15.69	264	317635	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	746463	82.98	ng	0.00
7) Phenol-d6	6.58	99	909735	82.66	ng	0.00
23) Nitrobenzene-d5	7.53	82	796021	95.35	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	222092	93.58	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1343965	77.67	ng	0.00
78) Terphenyl-d14	13.09	244	1382173	77.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	182012	41.092	ng	92
3) Pyridine	3.57	79	502799	41.271	ng	92
4) n-Nitrosodimethylamine	3.53	42	180058	40.084	ng	# 93
6) Aniline	6.63	93	652481	41.521	ng	96
8) 2-Chlorophenol	6.75	128	396213	42.047	ng	96
9) Benzaldehyde	6.52	77	295040	40.808	ng	97
10) Phenol	6.60	94	488194	41.747	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	389570	40.354	ng	98
12) 1,3-Dichlorobenzene	6.91	146	439480	40.949	ng	99
13) 1,4-Dichlorobenzene	6.99	146	439853	40.785	ng	99
14) 1,2-Dichlorobenzene	7.14	146	415054	41.474	ng	99
15) Benzyl Alcohol	7.10	79	351412	41.212	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	554667	40.396	ng	96
17) 2-Methylphenol	7.20	107	348528	41.533	ng	99
18) Hexachloroethane	7.48	117	161350	42.533	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	288331	40.881	ng	97
20) 3+4-Methylphenols	7.36	107	447450	42.016	ng	95
22) Acetophenone	7.37	105	588555	39.334	ng	# 95
24) Nitrobenzene	7.55	77	439619	44.852	ng	98
25) Isophorone	7.79	82	761472	39.400	ng	99
26) 2-Nitrophenol	7.86	139	191242	50.637	ng	98
27) 2,4-Dimethylphenol	7.89	122	344090	41.559	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	471263	40.268	ng	99
29) 2,4-Dichlorophenol	8.10	162	318219	42.245	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	350203	40.084	ng	99
31) Naphthalene	8.27	128	1166095	39.649	ng	100
32) Benzoic acid	7.97	122	92404	22.458	ng	97
33) 4-Chloroaniline	8.32	127	505825	40.996	ng	98
34) Hexachlorobutadiene	8.39	225	190853	39.843	ng	99
35) Caprolactam	8.69	113	108453	41.812	ng	89
36) 4-Chloro-3-methylphenol	8.79	107	351021	42.270	ng	98
37) 2-Methylnaphthalene	8.96	142	747137	40.060	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	314334	39.918	ng	98
40) Hexachlorocyclopentadiene	9.11	237	178177	43.851	ng	98

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

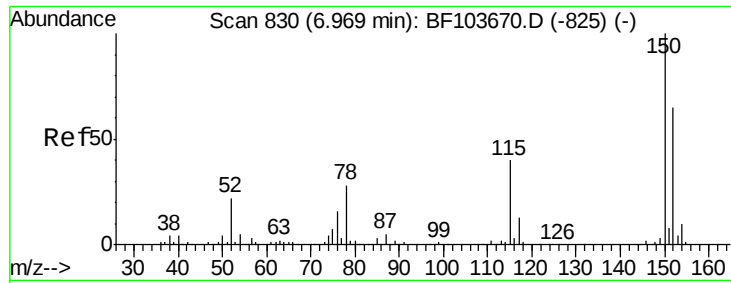
Instrument :
 BNA_F
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Quant Time: Mar 16 17:14:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.23	196	220367	43.752	ng	100
43) 2,4,5-Trichlorophenol	9.27	196	252245	44.371	ng	96
45) 1,1'-Biphenyl	9.43	154	909522	39.517	ng	100
46) 2-Chloronaphthalene	9.45	162	739104	40.431	ng	99
47) 2-Nitroaniline	9.55	65	225420	47.260	ng	96
48) Acenaphthylene	9.87	152	1138691	40.169	ng	100
49) Dimethylphthalate	9.72	163	858368	40.761	ng	99
50) 2,6-Dinitrotoluene	9.79	165	186666	46.003	ng	95
51) Acenaphthene	10.05	154	678386	40.304	ng	99
52) 3-Nitroaniline	9.96	138	221231	45.527	ng	95
53) 2,4-Dinitrophenol	10.06	184	29989	39.800	ng	# 28
54) Dibenzofuran	10.22	168	966690	40.213	ng	99
55) 4-Nitrophenol	10.10	139	165961	45.341	ng	97
56) 2,4-Dinitrotoluene	10.19	165	244140	47.395	ng	95
57) Fluorene	10.56	166	753864	40.413	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	183730	45.611	ng	97
59) Diethylphthalate	10.42	149	868909	41.572	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	347211	40.728	ng	98
61) 4-Nitroaniline	10.57	138	217846	46.489	ng	97
62) Azobenzene	10.71	77	854431	40.209	ng	95
64) 4,6-Dinitro-2-methylphenol	10.59	198	79427	44.370	ng	99
65) n-Nitrosodiphenylamine	10.67	169	684693	39.692	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	211466	40.640	ng	94
67) Hexachlorobenzene	11.10	284	234645	39.510	ng	95
68) Atrazine	11.19	200	226735	42.490	ng	99
69) Pentachlorophenol	11.29	266	134063	39.265	ng	95
70) Phenanthrene	11.52	178	1107058	39.934	ng	99
71) Anthracene	11.57	178	1131893	40.200	ng	100
72) Carbazole	11.73	167	1100012	40.195	ng	100
73) Di-n-butylphthalate	12.05	149	1360128	41.421	ng	100
74) Fluoranthene	12.72	202	1156926	40.508	ng	99
76) Benzidine	12.83	184	679145	38.614	ng	100
77) Pyrene	12.94	202	1201763	39.682	ng	100
79) Butylbenzylphthalate	13.56	149	588508	43.860	ng	97
80) Benzo(a)anthracene	14.14	228	1032310	39.547	ng	100
81) 3,3'-Dichlorobenzidine	14.10	252	358913	41.106	ng	98
82) Chrysene	14.17	228	989449	39.764	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	817152	42.630	ng	99
84) Di-n-octyl phthalate	14.75	149	1202242	43.112	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	762404	35.085	ng	97
87) Benzo(b)fluoranthene	15.23	252	854959	42.604	ng	98
88) Benzo(k)fluoranthene	15.26	252	826210	42.831	ng	99
89) Benzo(a)pyrene	15.62	252	747249	41.055	ng	98
90) Dibenzo(a,h)anthracene	17.27	278	635291	40.309	ng	98
91) Benzo(g,h,i)perylene	17.72	276	619701	40.417	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

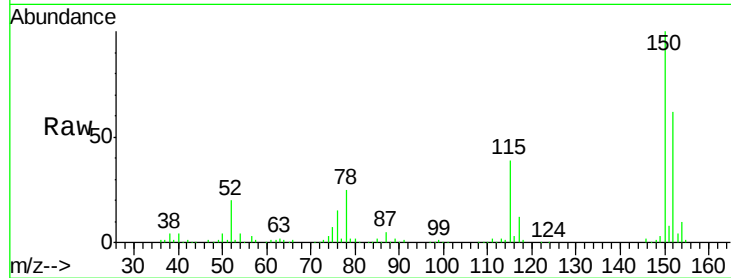
Tot Ion:152 Resp: 136819

Ion Ratio Lower Upper

152 100

150 160.8 124.6 186.8

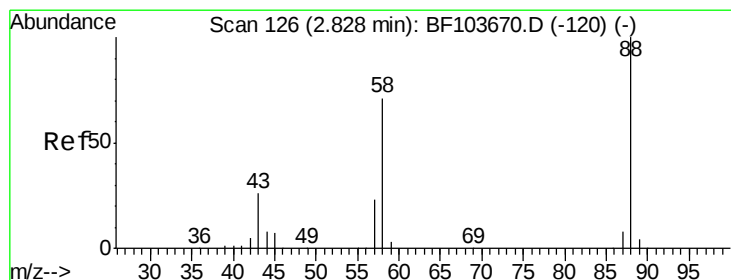
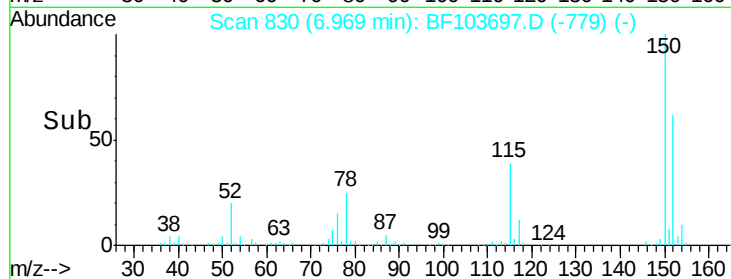
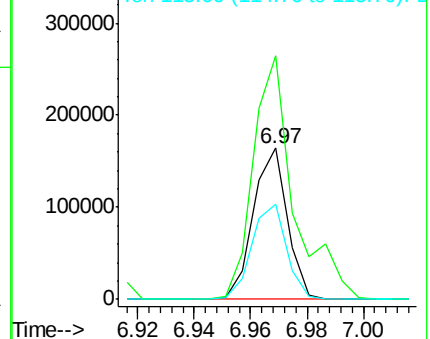
115 63.2 50.1 75.1



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: 41.092 ng

RT: 2.79 min Scan# 119

Delta R.T. -0.05 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

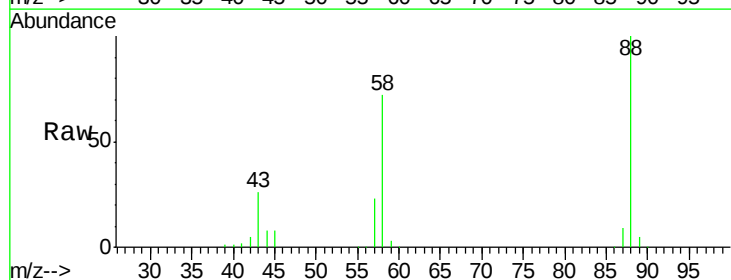
Tgt Ion: 88 Resp: 182012

Ion Ratio Lower Upper

88 100

58 71.2 62.6 93.8

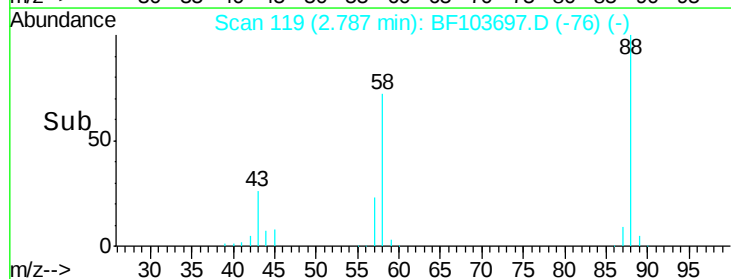
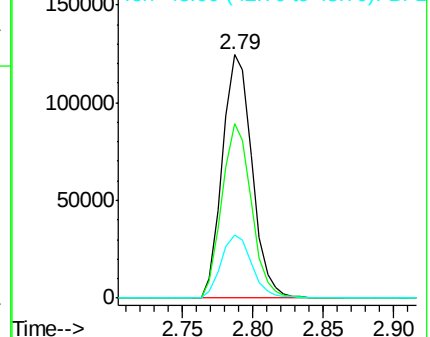
43 27.3 24.6 37.0

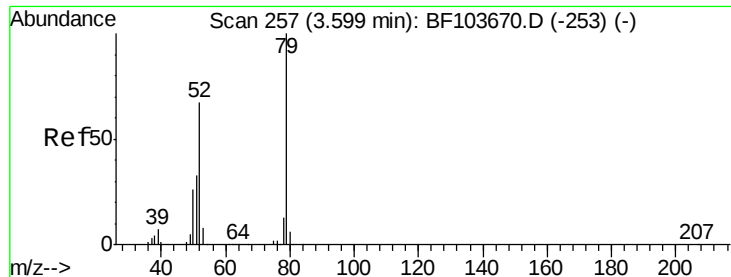


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.271 ng

RT: 3.57 min Scan# 252

Delta R.T. -0.04 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

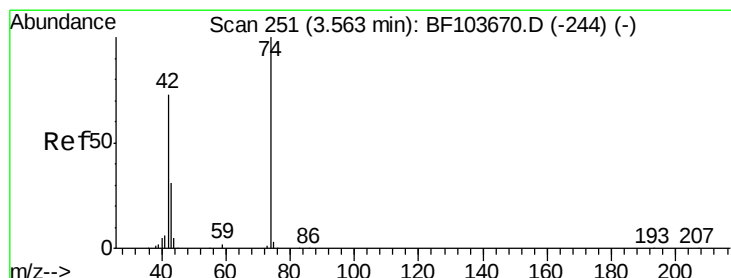
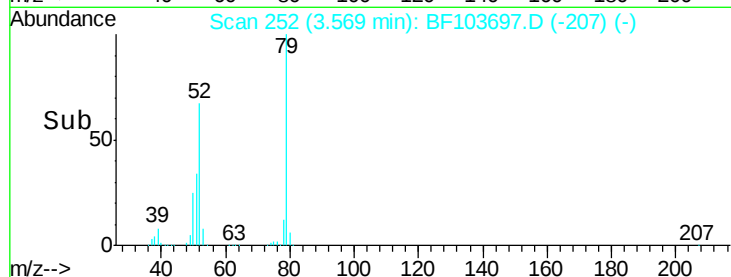
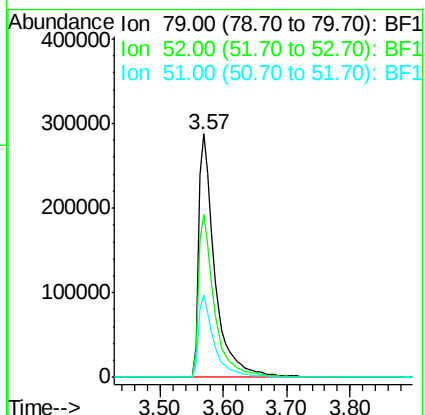
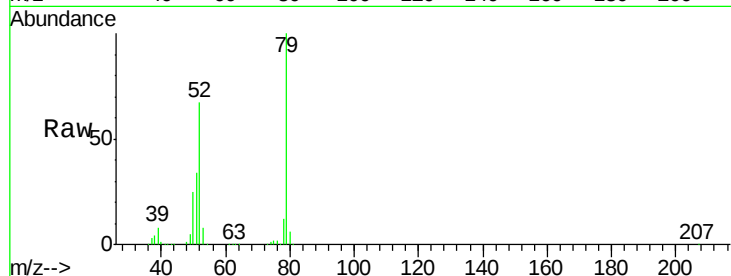
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 502799

Ion	Ratio	Lower	Upper
79	100		
52	66.8	59.8	89.6
51	33.8	29.8	44.8



#4

n-Nitrosodimethylamine

Concen: 40.084 ng

RT: 3.53 min Scan# 245

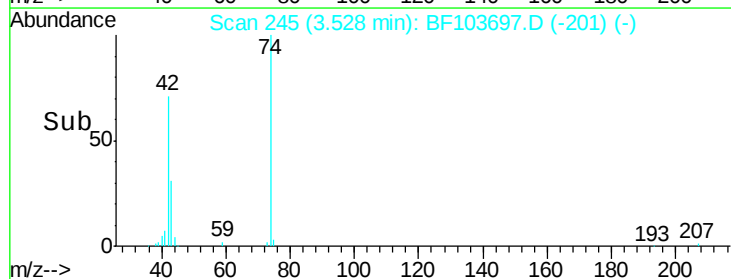
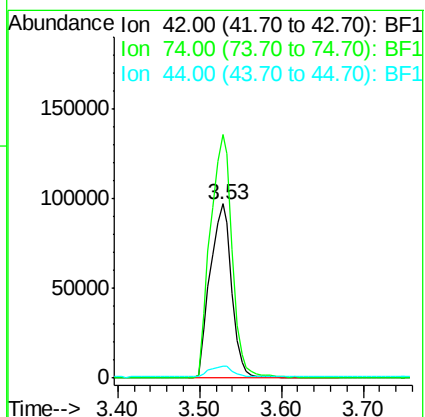
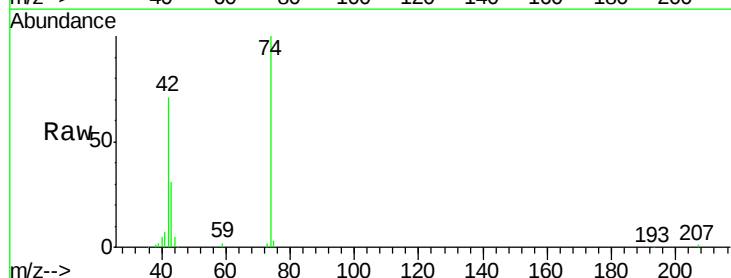
Delta R.T. -0.04 min

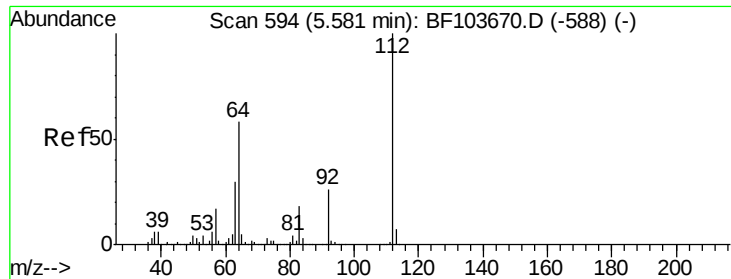
Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Tgt Ion: 42 Resp: 180058

Ion	Ratio	Lower	Upper
42	100		
74	140.0	104.9	157.3
44	6.6	6.9	10.3





#5

2-Fluorophenol

Concen: 82.983 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampled :

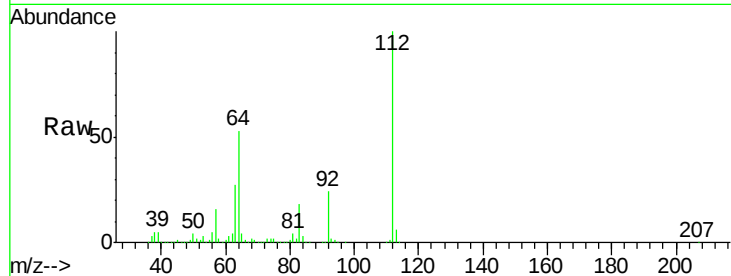
Tot Ion:112 Resp: 746463

Ion Ratio Lower Upper

112 100

64 52.6 47.9 71.9

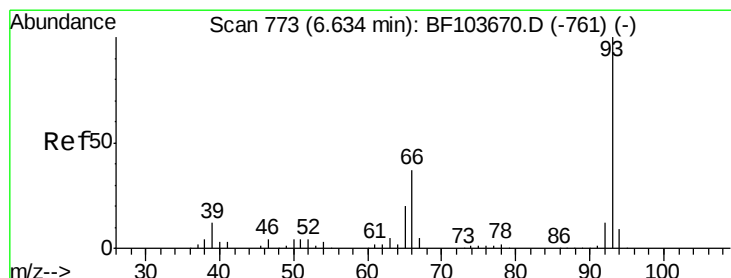
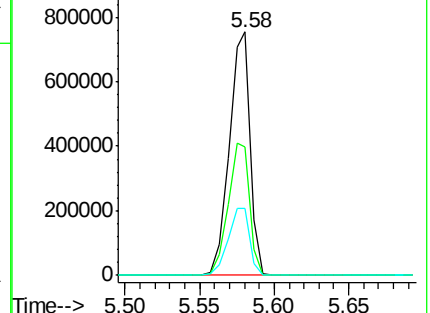
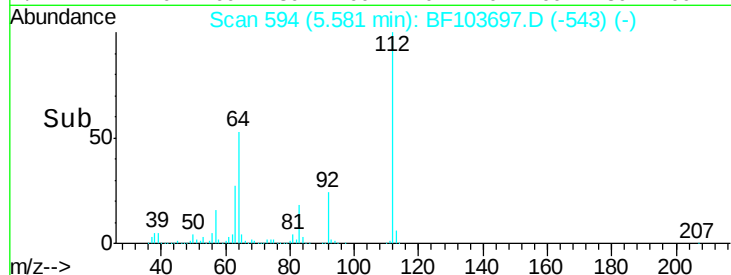
63 27.3 23.7 35.5



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: 41.521 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

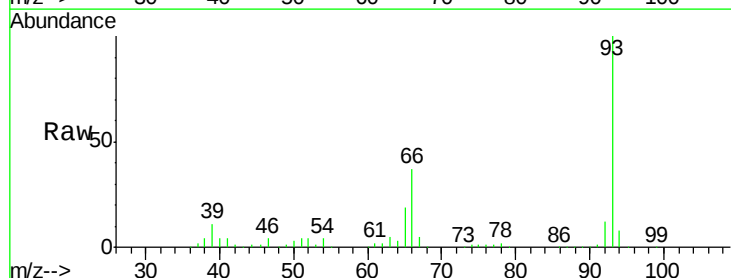
Tgt Ion: 93 Resp: 652481

Ion Ratio Lower Upper

93 100

66 36.9 32.2 48.2

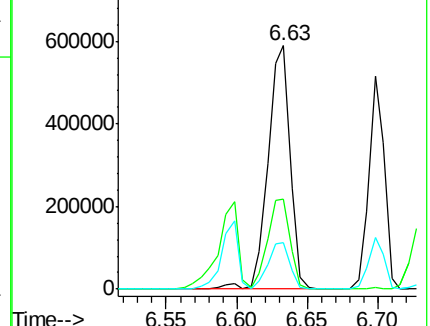
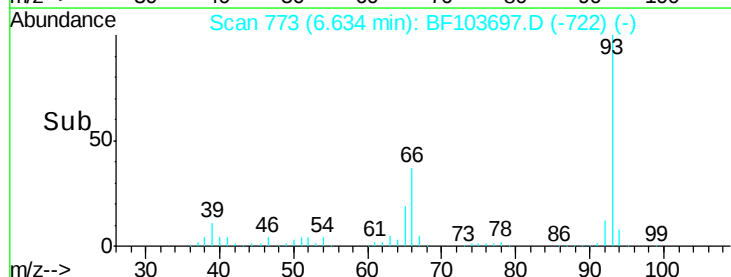
65 19.3 16.4 24.6

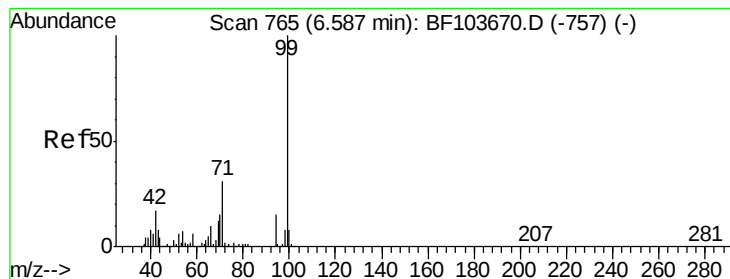


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.664 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

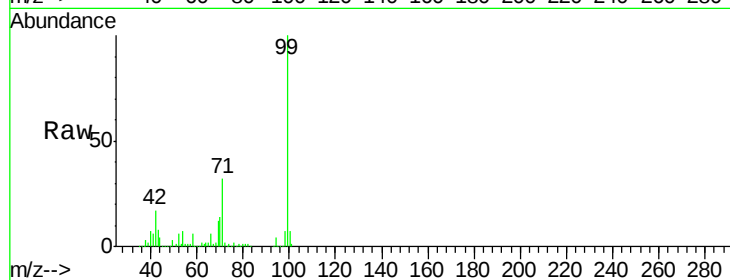
Tot Ion: 99 Resp: 909735

Ion Ratio Lower Upper

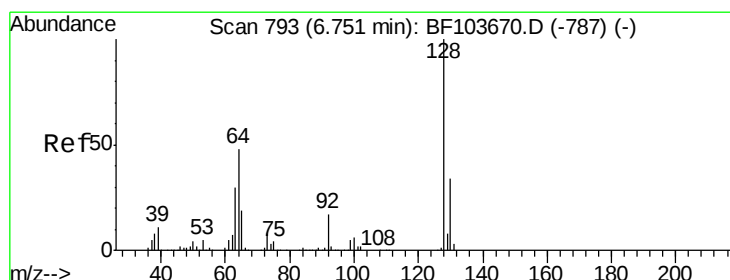
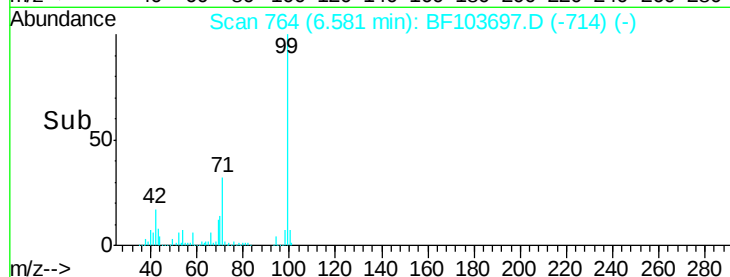
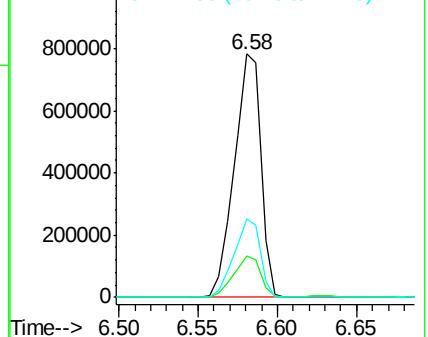
99 100

42 16.8 14.5 21.7

71 32.4 25.4 38.0



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: 42.047 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

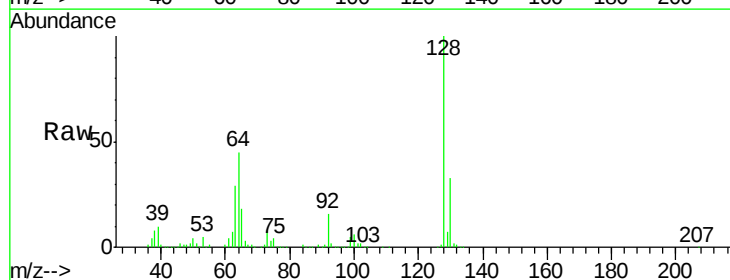
Tgt Ion: 128 Resp: 396213

Ion Ratio Lower Upper

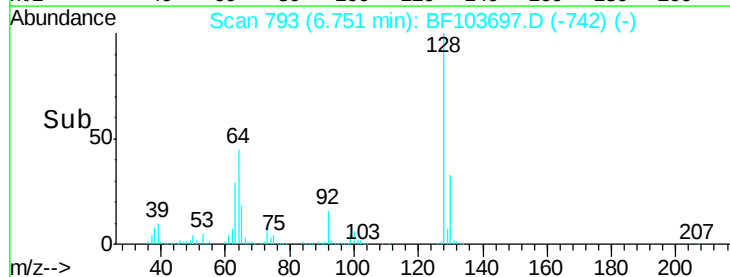
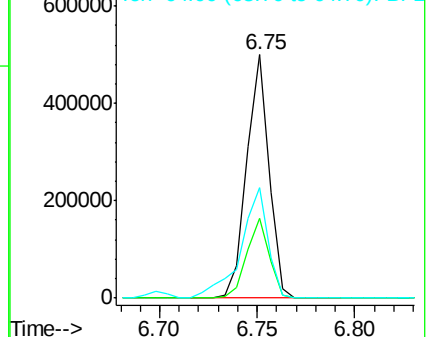
128 100

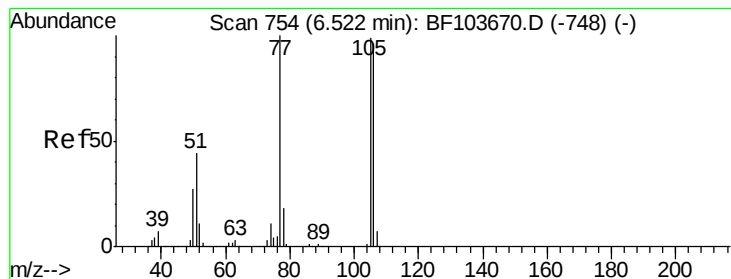
130 33.0 13.0 53.0

64 45.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 40.808 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

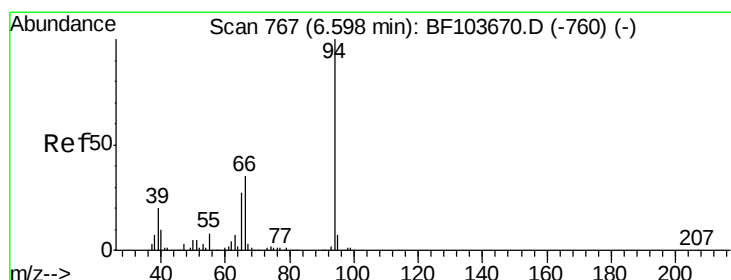
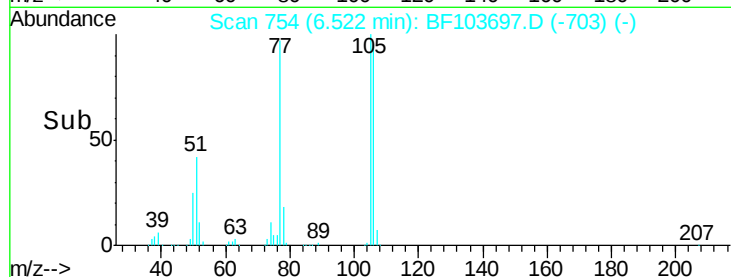
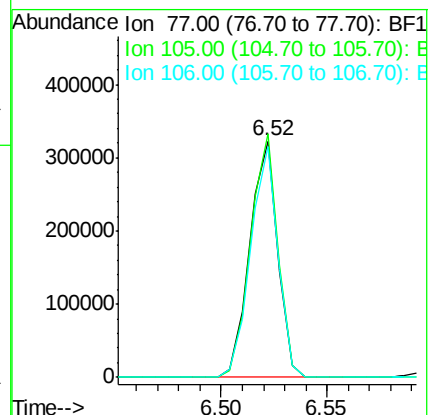
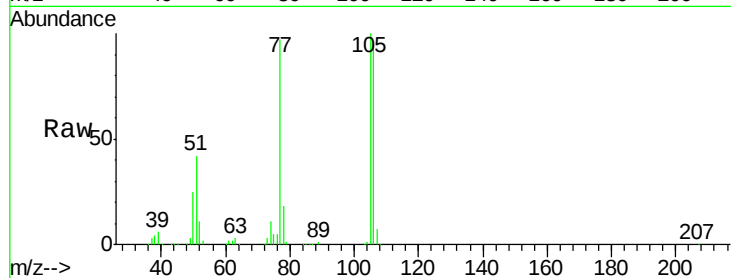
Tot Ion: 77 Resp: 295040

Ion Ratio Lower Upper

77 100

105 103.1 81.1 121.1

106 97.5 74.5 114.5



#10

Phenol

Concen: 41.747 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

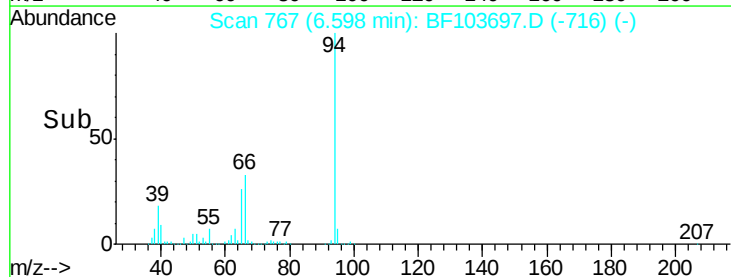
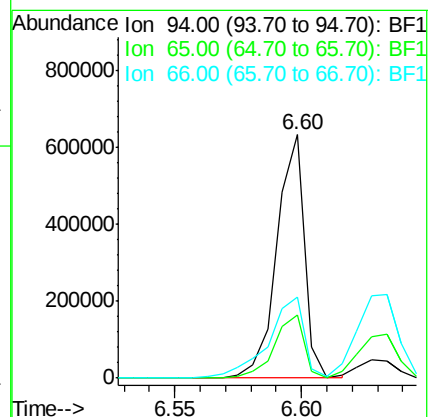
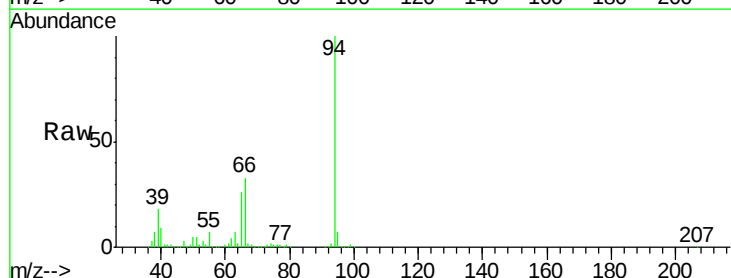
Tgt Ion: 94 Resp: 488194

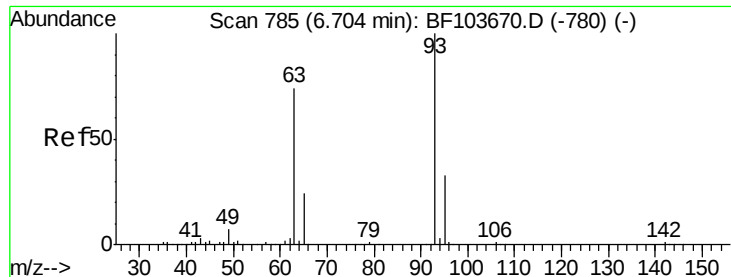
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 33.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.354 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

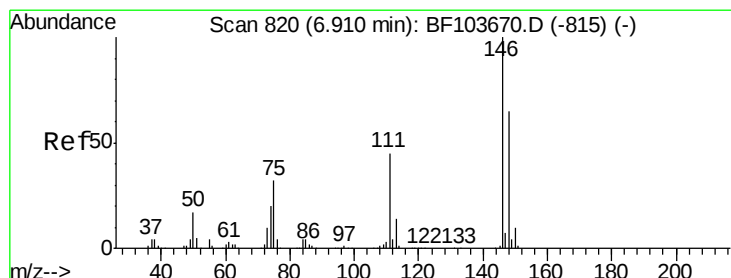
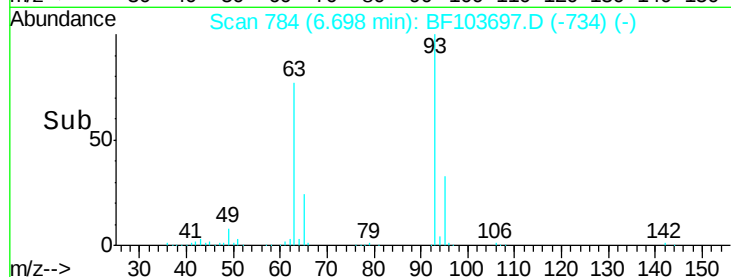
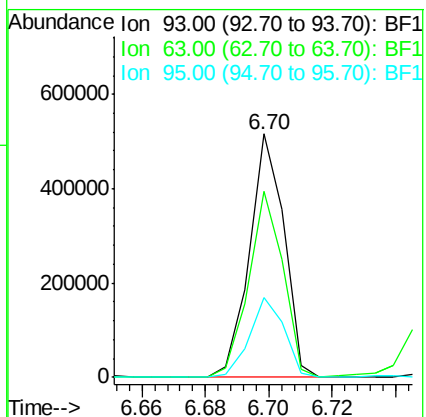
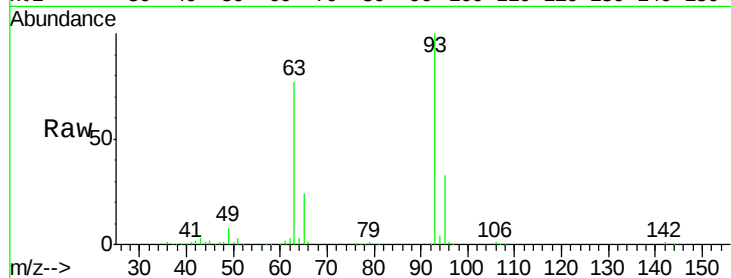
Tot Ion: 93 Resp: 389570

Ion Ratio Lower Upper

93 100

63 76.6 58.6 98.6

95 32.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.949 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

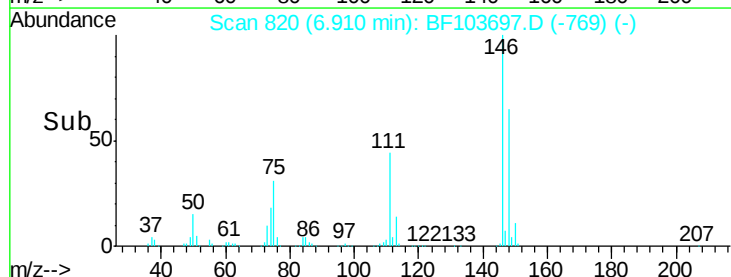
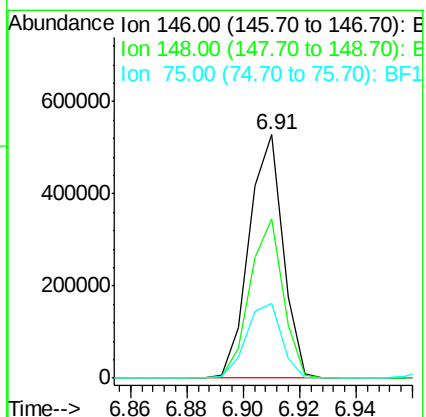
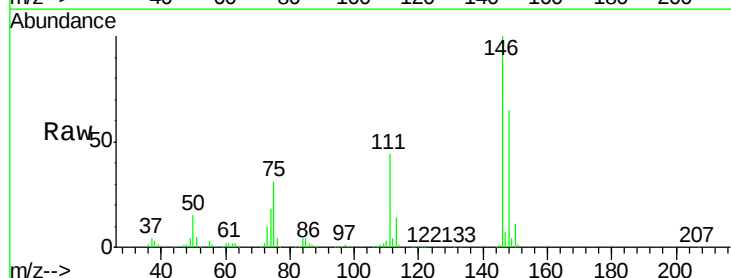
Tgt Ion: 146 Resp: 439480

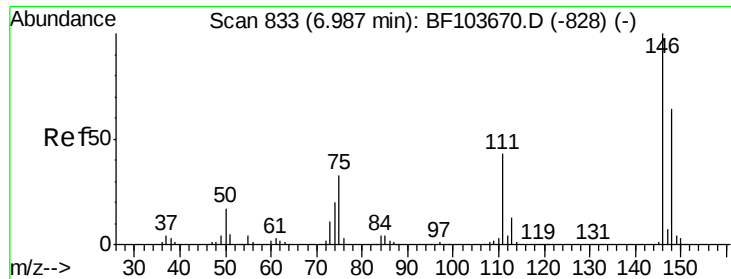
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

75 30.7 24.2 36.4

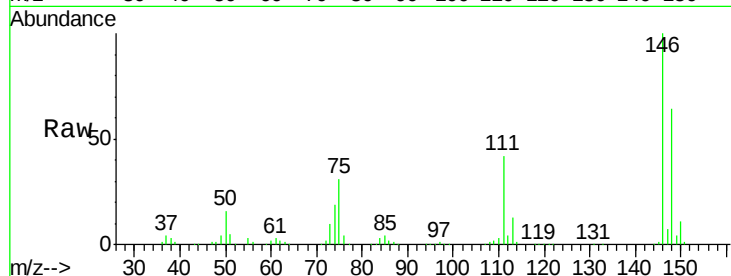




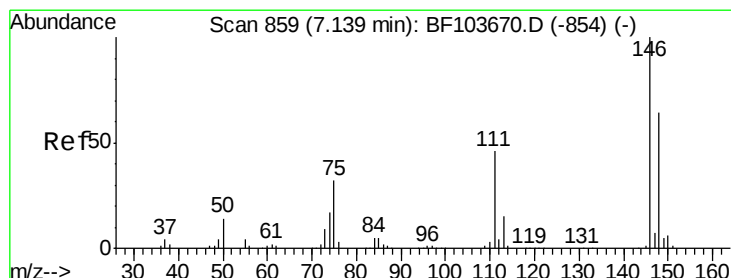
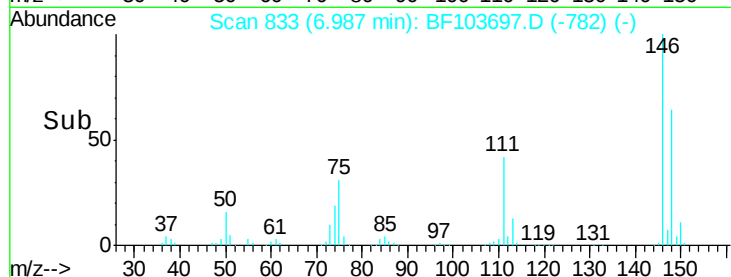
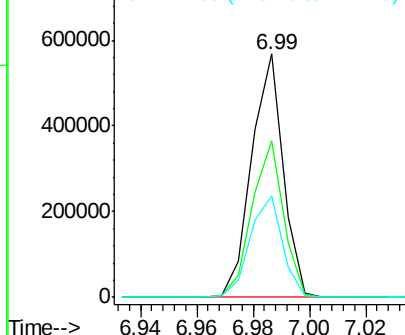
#13
 1,4-Dichlorobenzene
 Concen: 40.785 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 439853
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 41.7 34.2 51.2

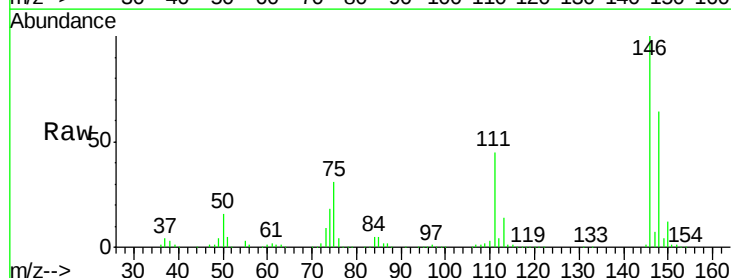


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

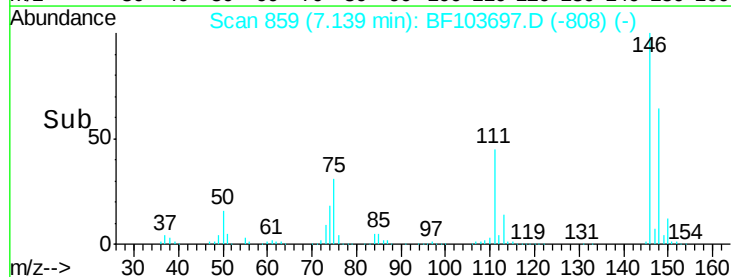
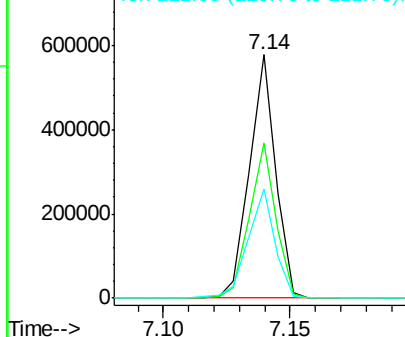


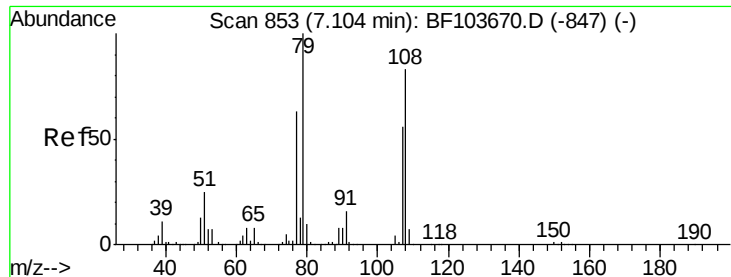
#14
 1,2-Dichlorobenzene
 Concen: 41.474 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Tgt Ion:146 Resp: 415054
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 44.7 36.0 54.0



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

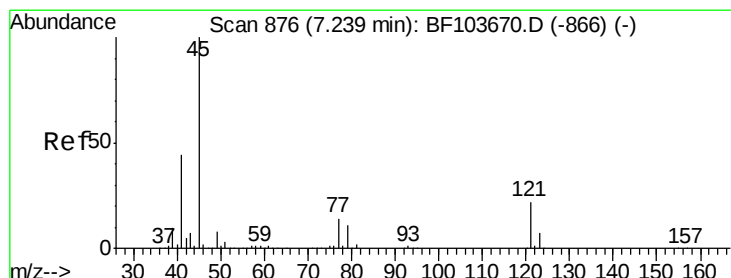
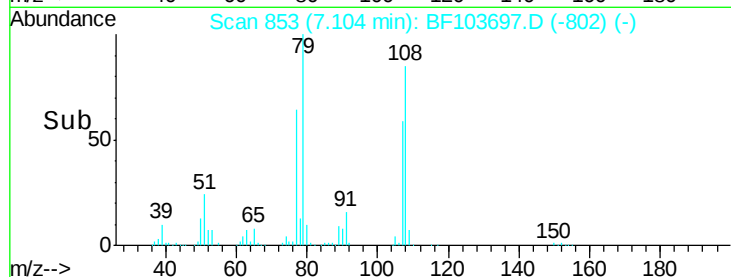
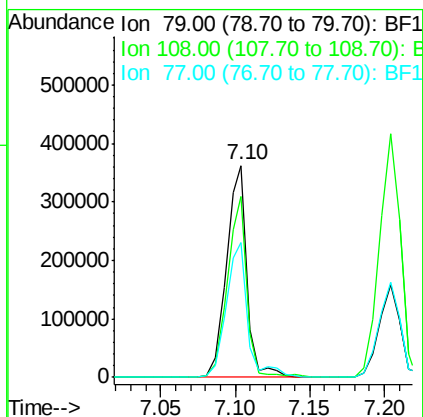
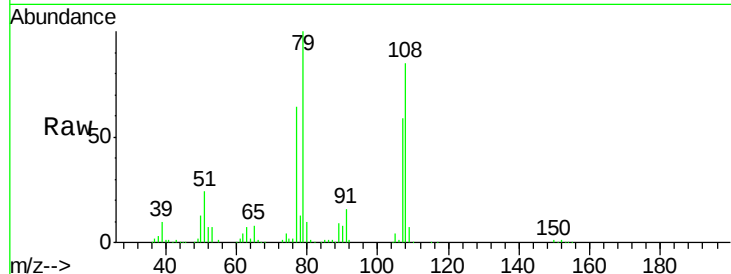




#15
Benzyl Alcohol
Concen: 41.212 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

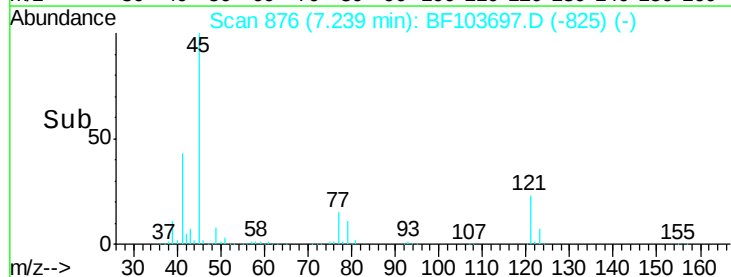
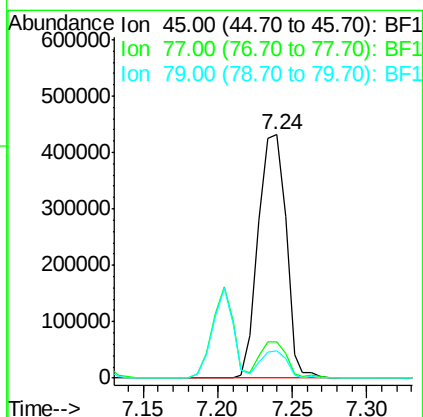
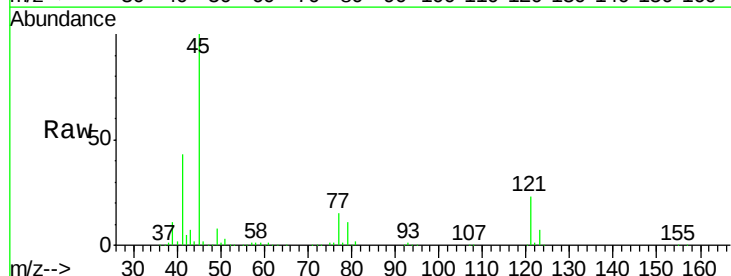
Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 351412
Ion Ratio Lower Upper
79 100
108 85.4 65.1 97.7
77 63.6 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.396 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion: 45 Resp: 554667
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.9
79 11.2 0.0 29.6

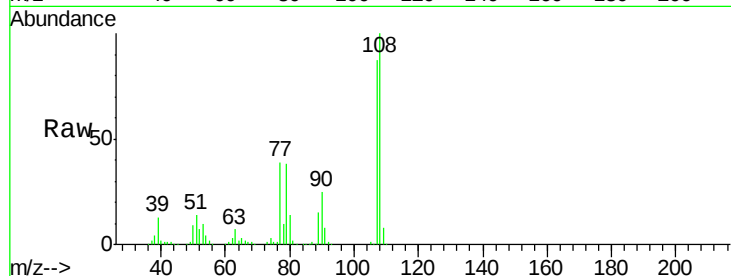




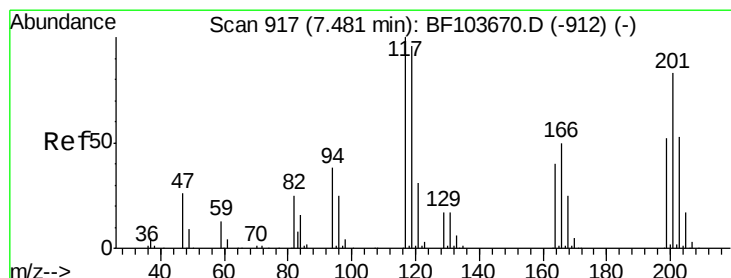
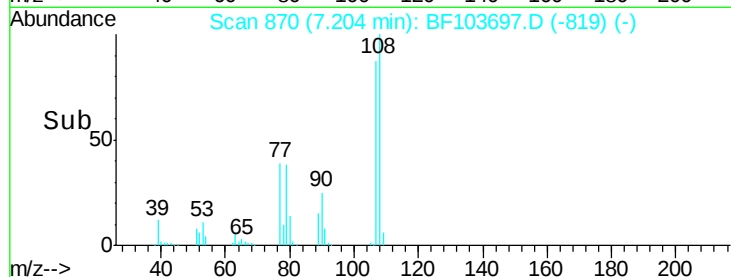
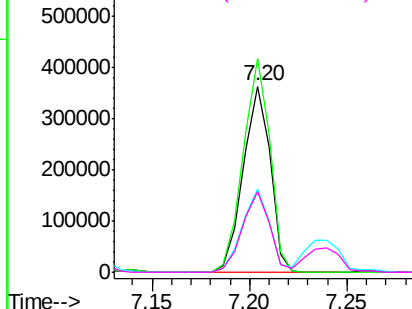
#17
2-Methylphenol
Concen: 41.533 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.7	137.5
77	44.9	33.8	50.8
79	43.7	33.8	50.8

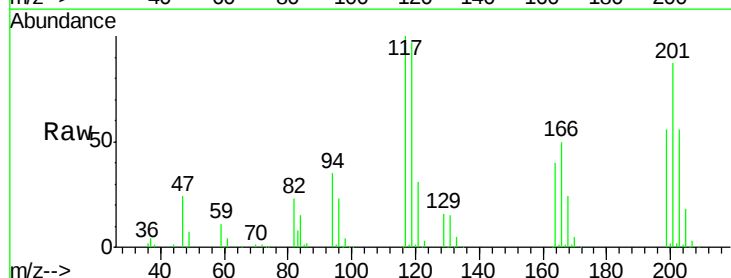


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

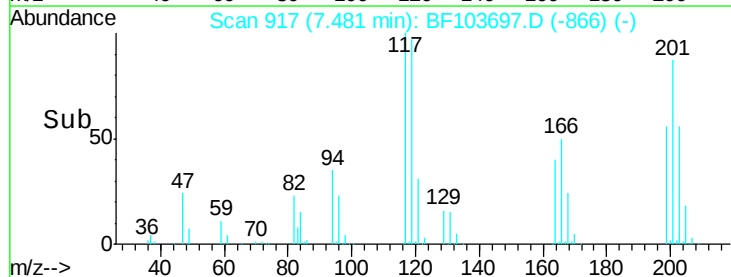
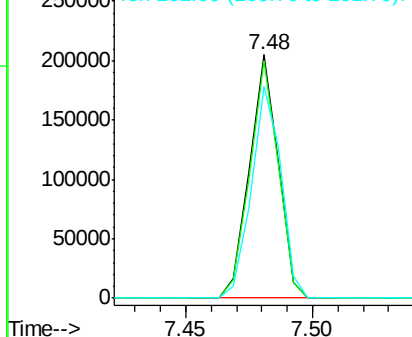


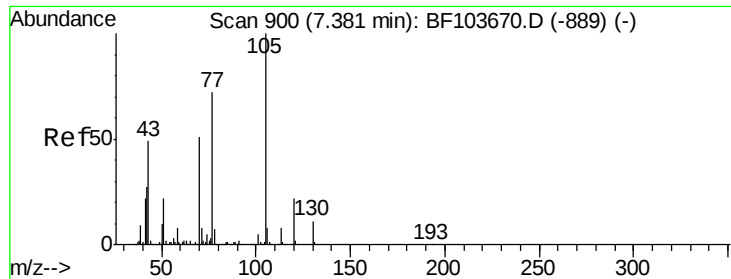
#18
Hexachloroethane
Concen: 42.533 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8
201	87.1	75.7	113.5



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

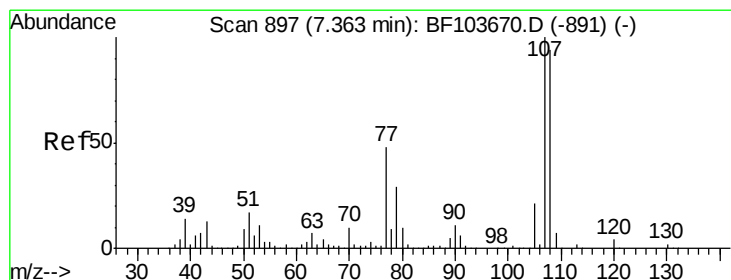
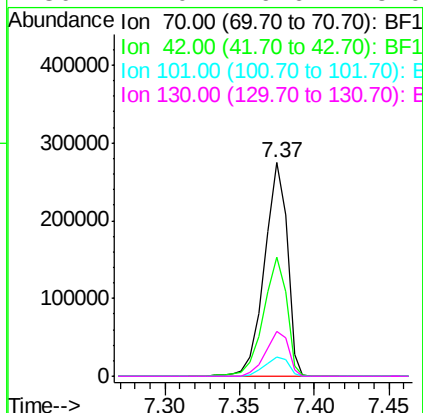
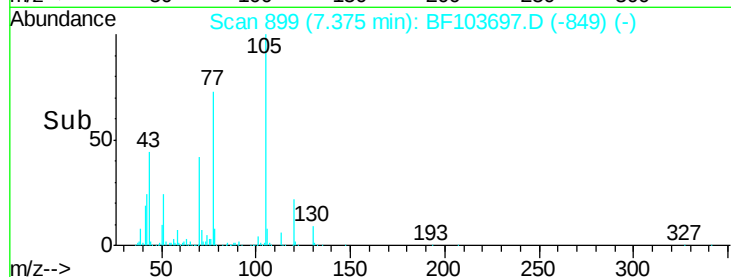
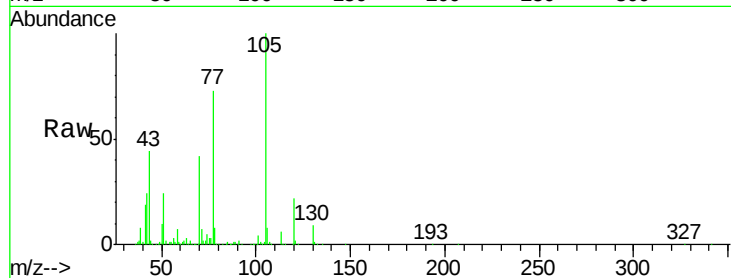




#19
n-Nitroso-di-n-propylamine
Concen: 40.881 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

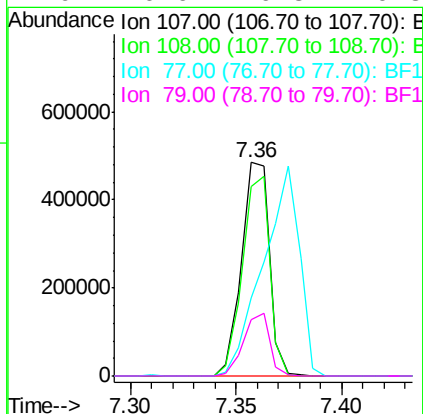
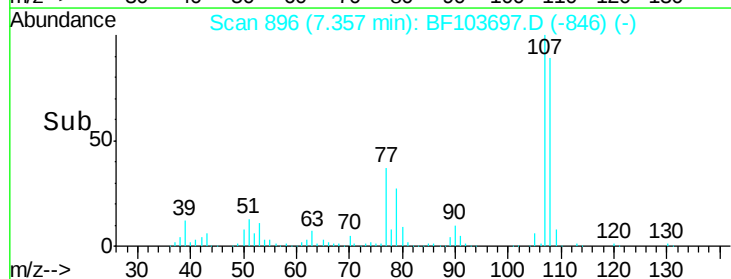
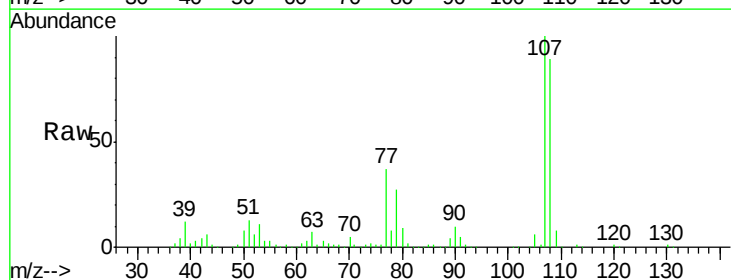
Instrument :
BNA_F
ClientSampleId :

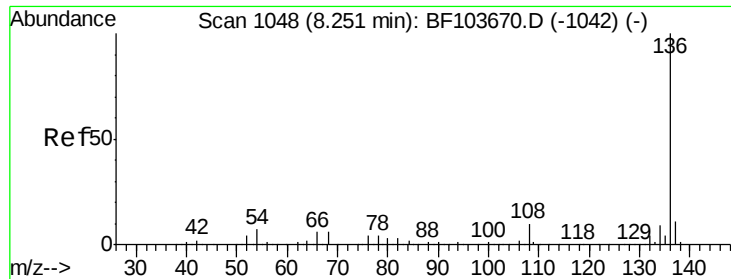
Tot Ion: 70 Resp: 288331
Ion Ratio Lower Upper
70 100
42 55.8 47.5 71.3
101 9.2 7.4 11.2
130 21.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.016 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion:107 Resp: 447450
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 36.8 26.7 66.7
79 26.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 582209

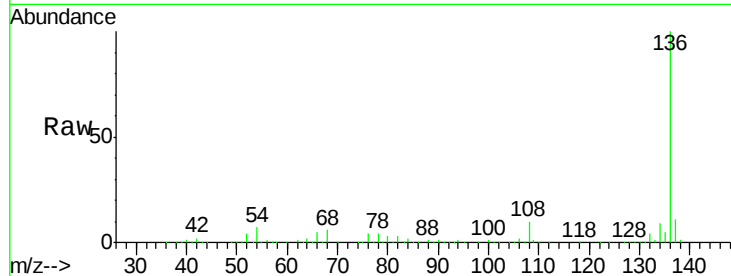
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4

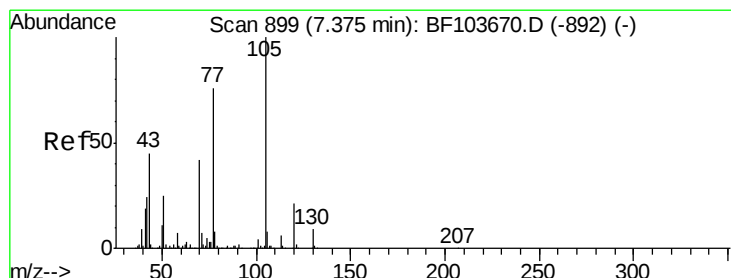
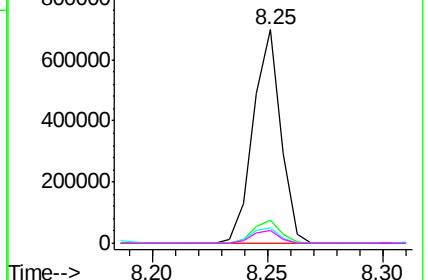
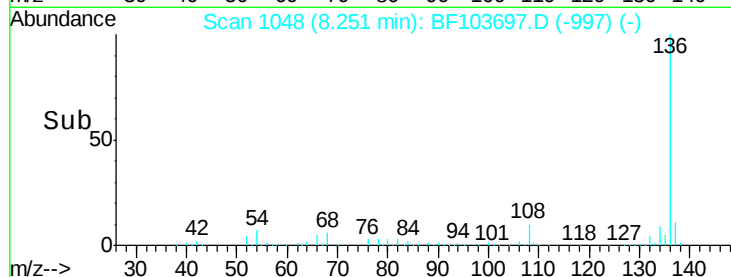


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.334 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Tgt Ion:105 Resp: 588555

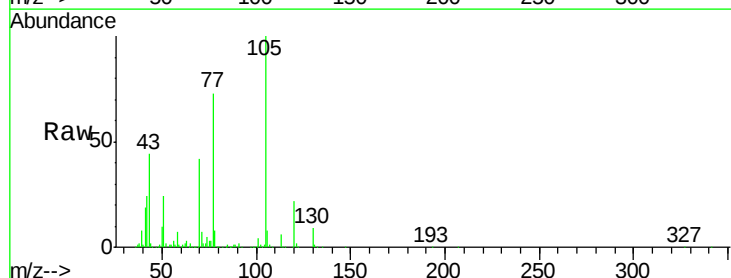
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 23.9 22.3 33.5

120 21.9 16.9 25.3

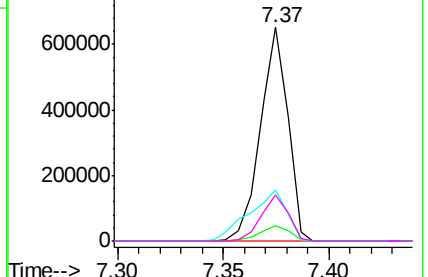
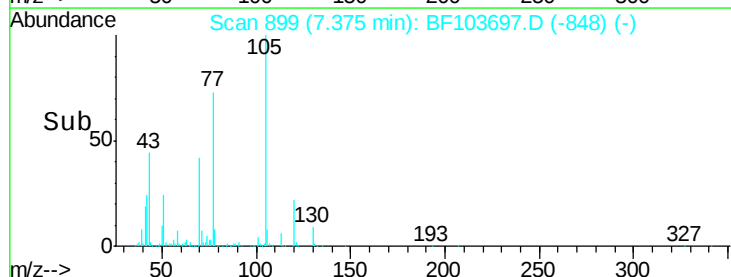


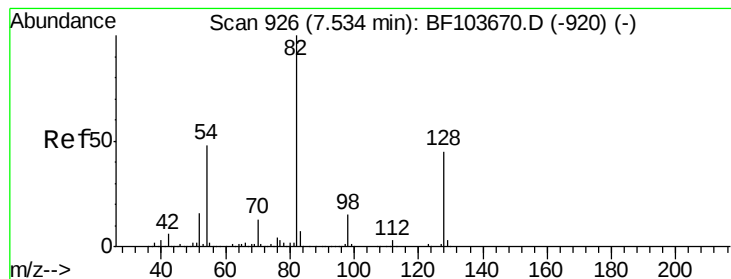
Abundance Ion 105.00 (104.70 to 105.70): E

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: 95.346 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

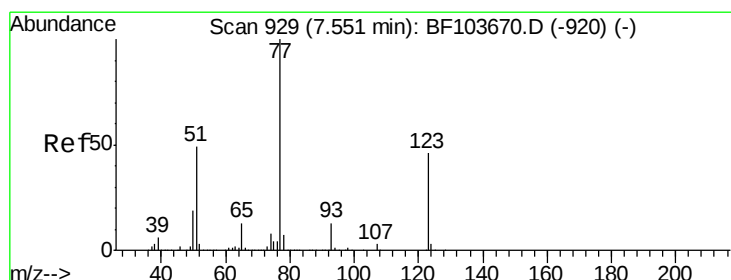
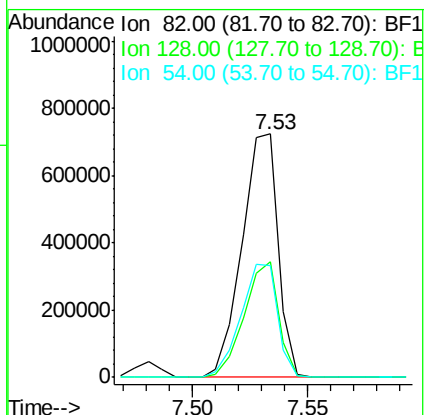
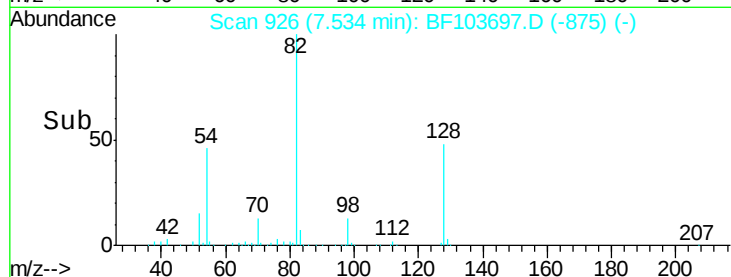
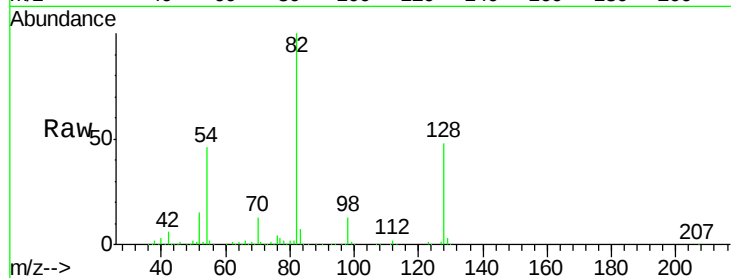
Tot Ion: 82 Resp: 796021

Ion Ratio Lower Upper

82 100

128 47.7 36.1 54.1

54 46.1 41.4 62.2



#24

Nitrobenzene

Concen: 44.852 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

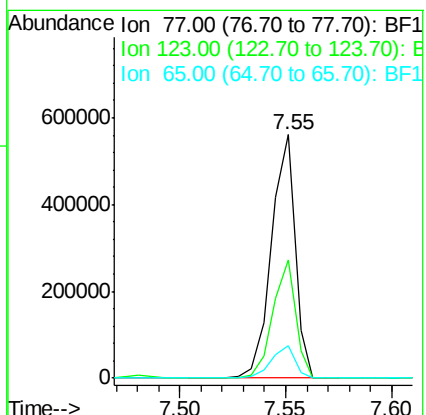
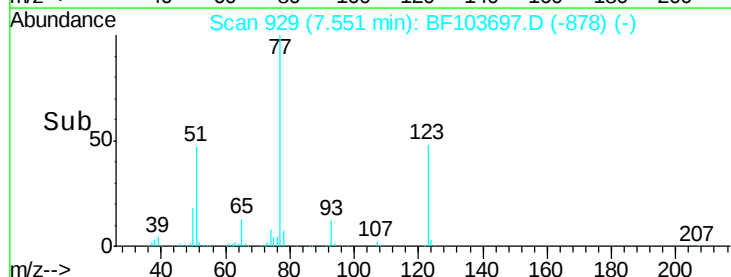
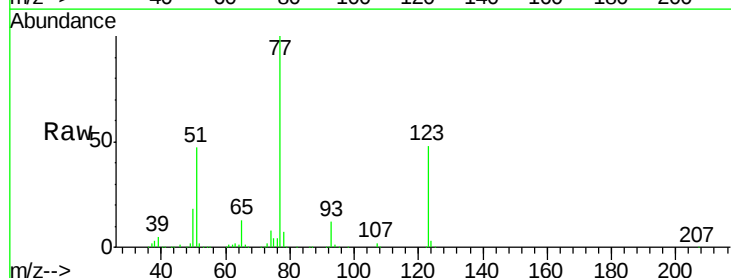
Tgt Ion: 77 Resp: 439619

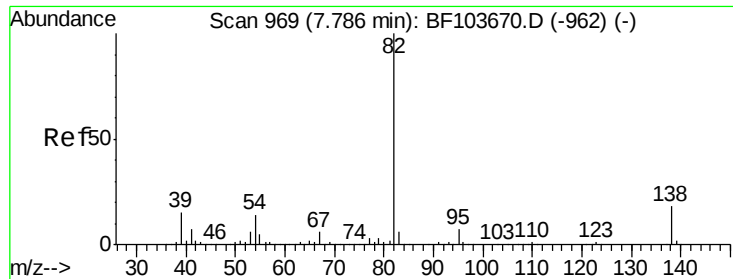
Ion Ratio Lower Upper

77 100

123 48.4 37.9 56.9

65 13.1 11.0 16.4

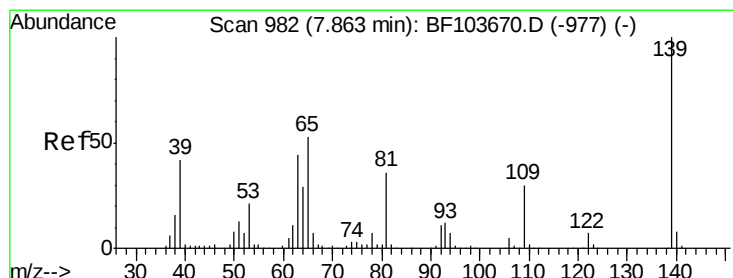
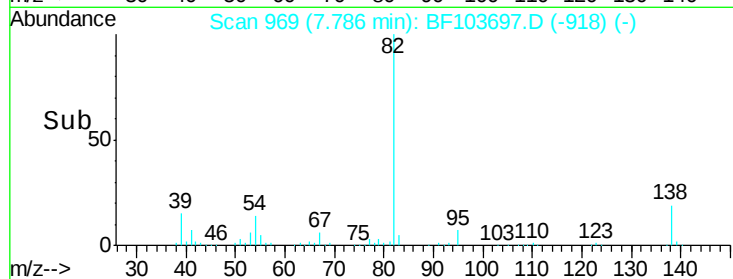
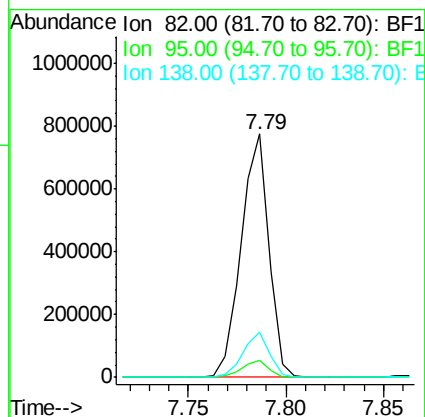
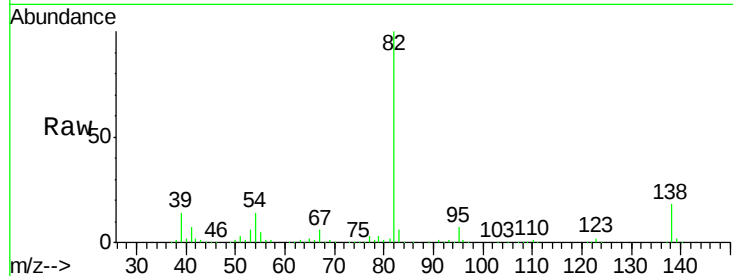




#25
Isophorone
Concen: 39.400 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

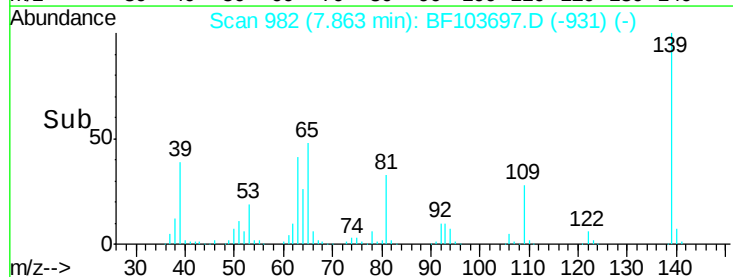
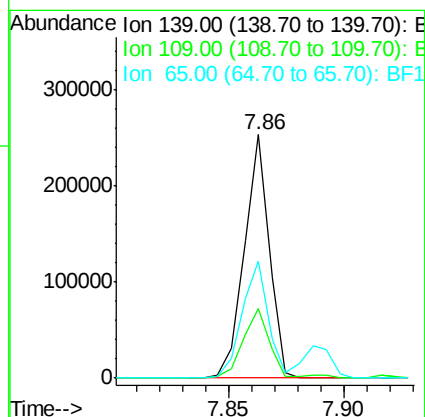
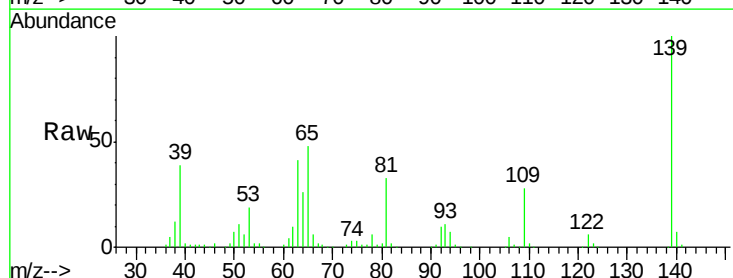
Instrument :
BNA_F
ClientSampleId :

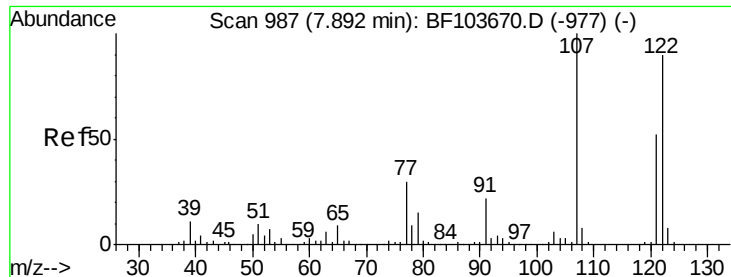
Tot Ion: 82 Resp: 761472
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 18.3 14.9 22.3



#26
2-Nitrophenol
Concen: 50.637 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion: 139 Resp: 191242
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 48.2 40.5 60.7

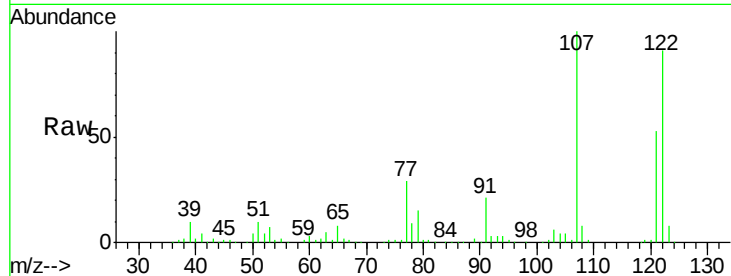




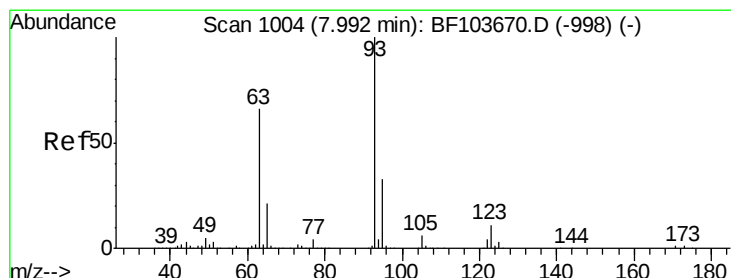
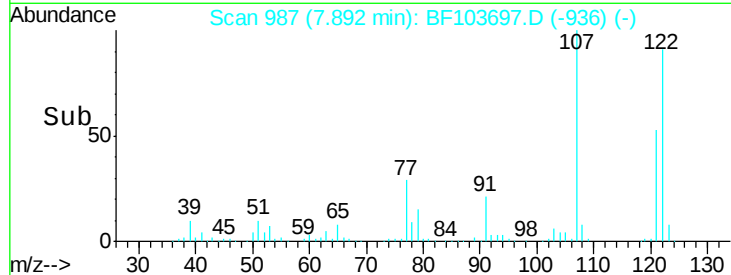
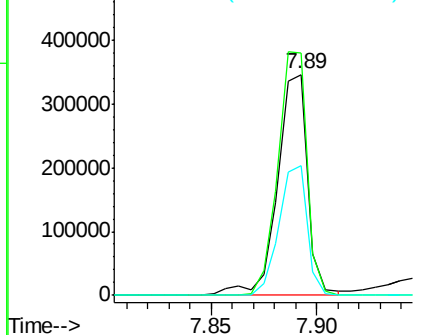
#27
 2,4-Dimethylphenol
 Concen: 41.559 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 344090
 Ion Ratio Lower Upper
 122 100
 107 110.0 91.2 136.8
 121 58.8 47.2 70.8

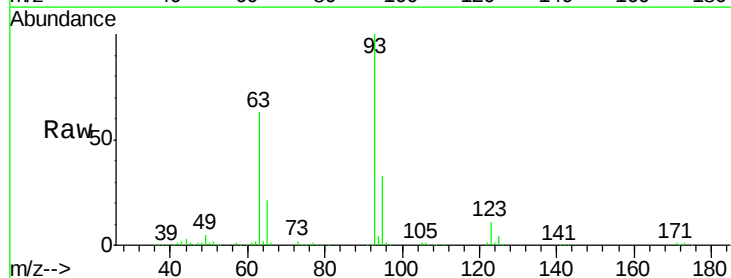


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

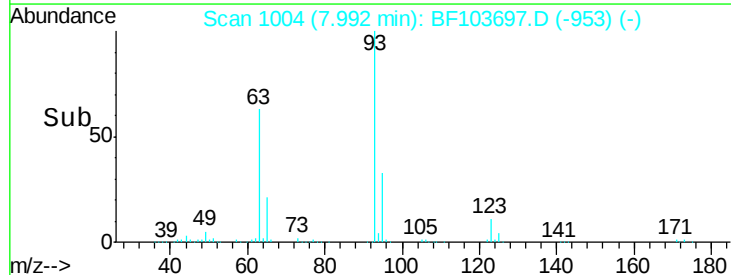
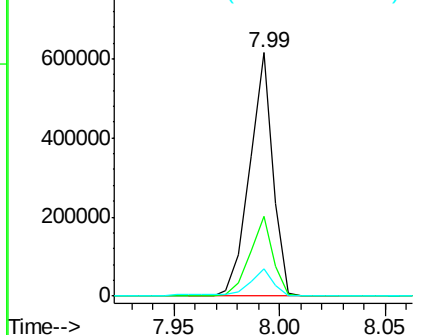


#28
 bis(2-Chloroethoxy)methane
 Concen: 40.268 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Tgt Ion: 93 Resp: 471263
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.4 9.8 14.6



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: 42.245 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampled :

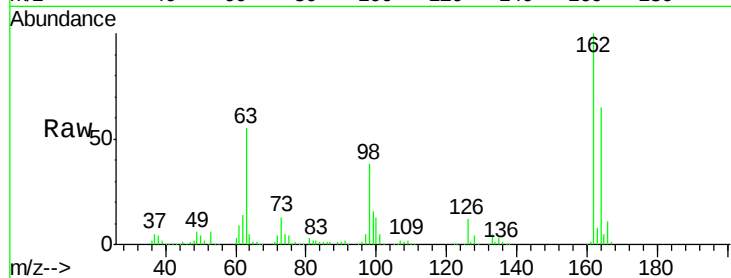
Tot Ion:162 Resp: 318219

Ion Ratio Lower Upper

162 100

164 64.8 42.7 82.7

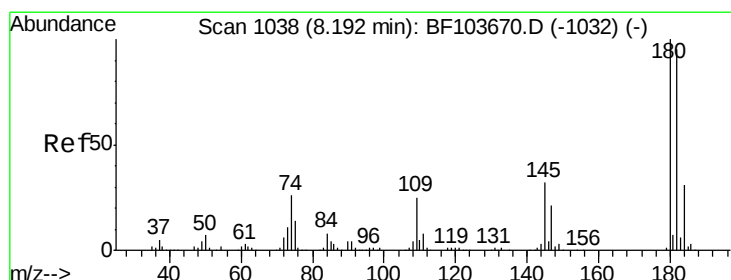
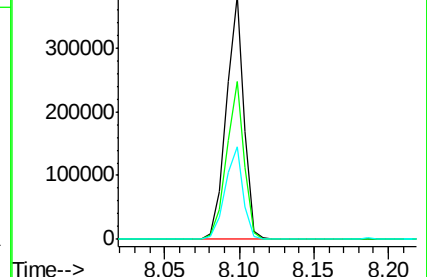
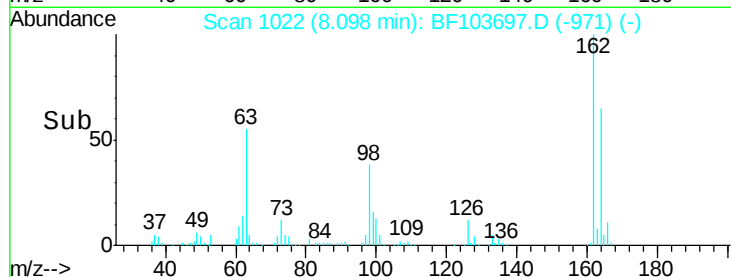
98 37.8 18.1 58.1



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: 40.084 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

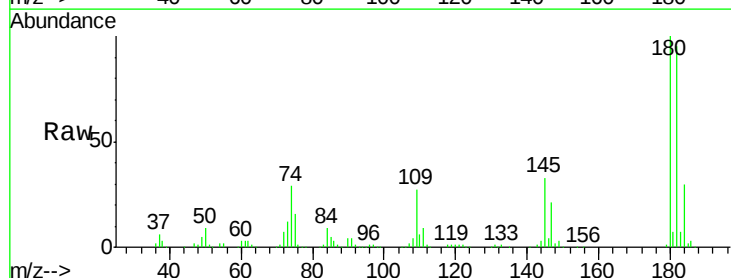
Tgt Ion:180 Resp: 350203

Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

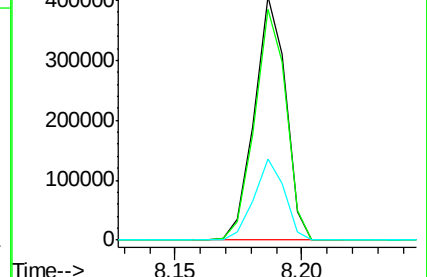
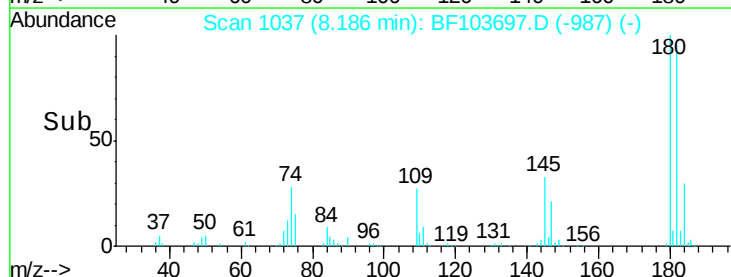
145 33.3 26.5 39.7

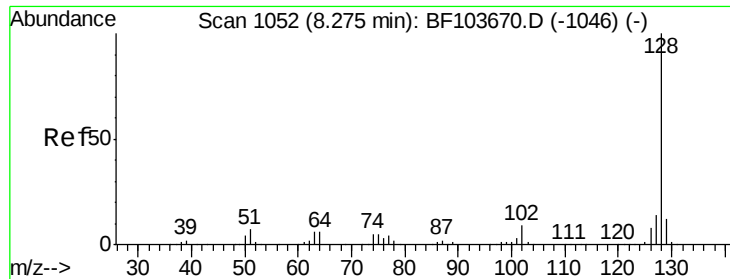


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

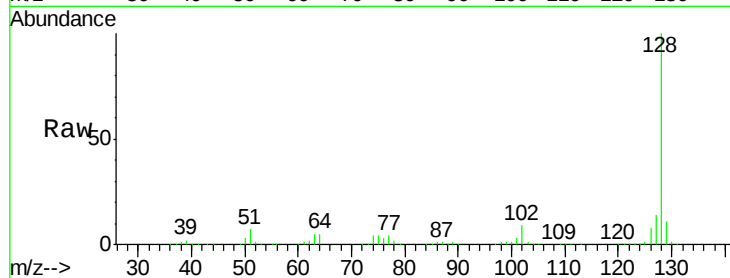




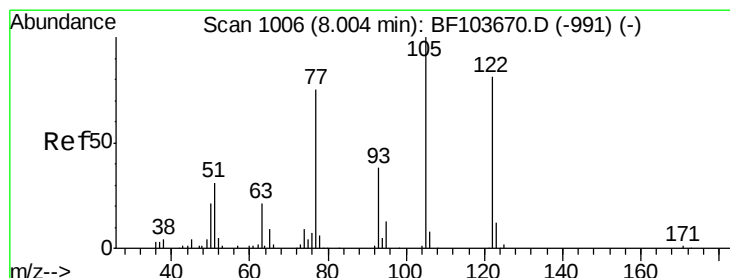
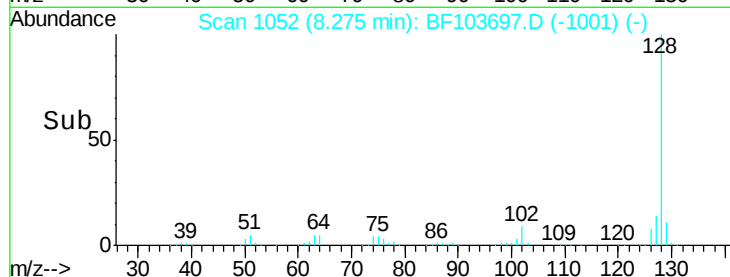
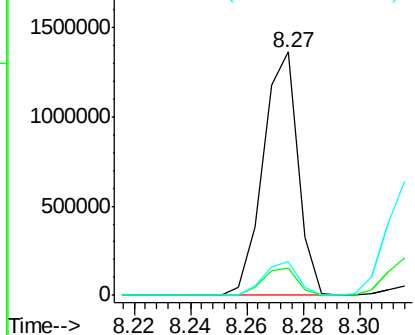
#31
Naphthalene
Concen: 39.649 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1166095
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3

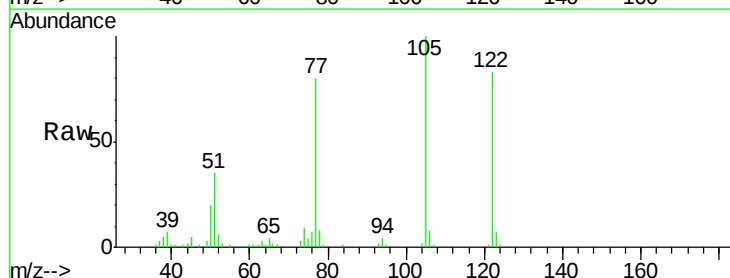


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

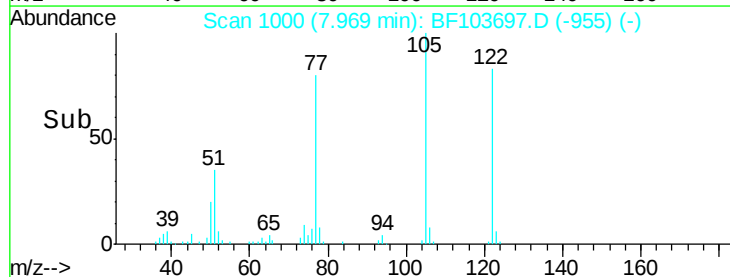
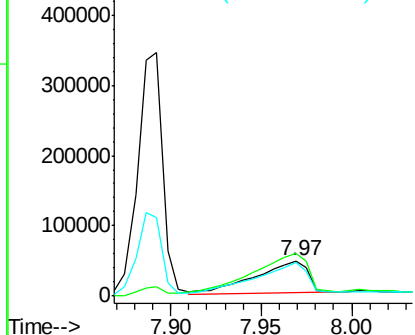


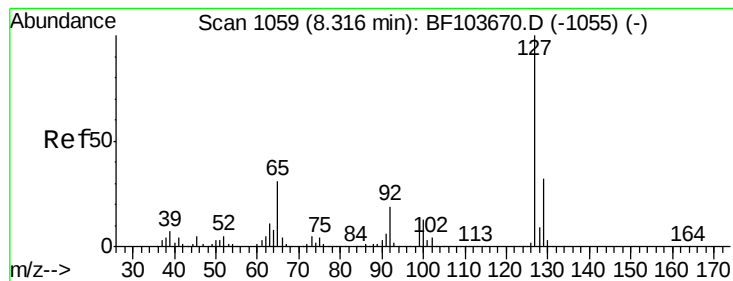
#32
Benzoic acid
Concen: 22.458 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion:122 Resp: 92404
Ion Ratio Lower Upper
122 100
105 119.8 101.1 141.1
77 95.6 70.7 110.7



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: 40.996 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 505825

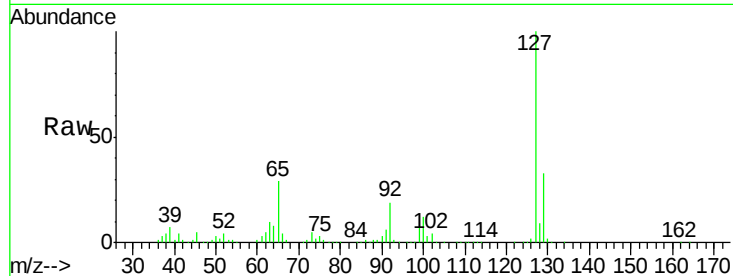
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 28.9 25.0 37.4

92 18.7 15.2 22.8

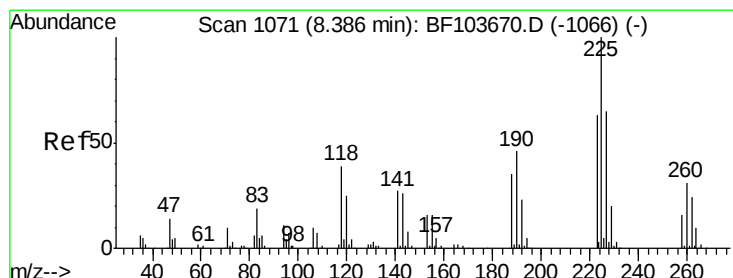
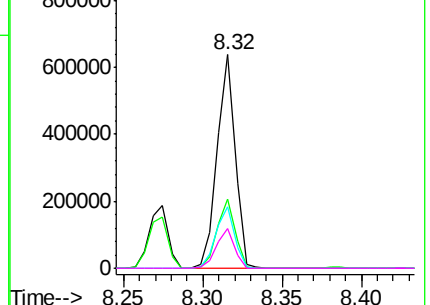
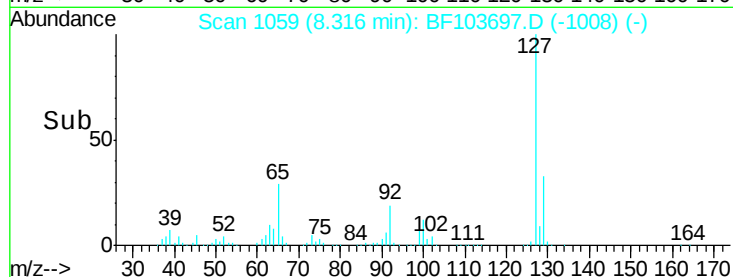


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.843 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

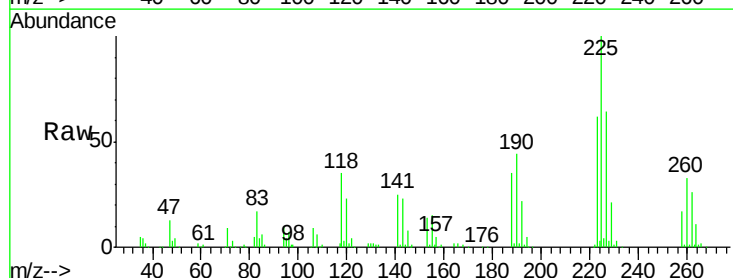
Tgt Ion:225 Resp: 190853

Ion Ratio Lower Upper

225 100

223 62.4 50.6 76.0

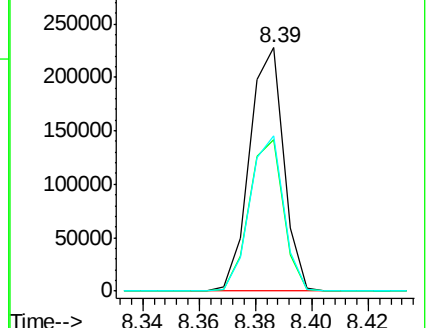
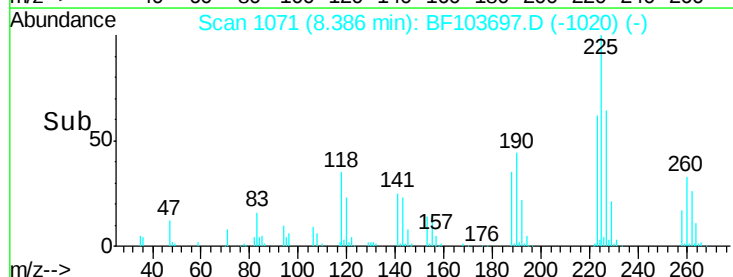
227 63.7 51.9 77.9

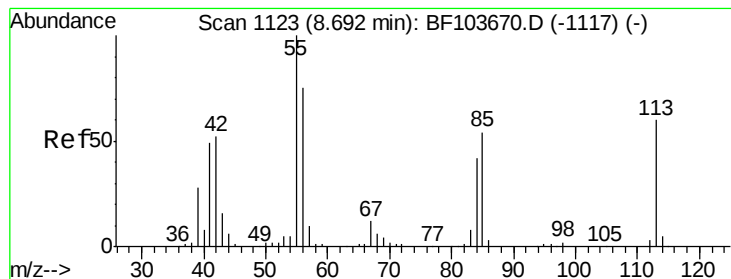


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.812 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

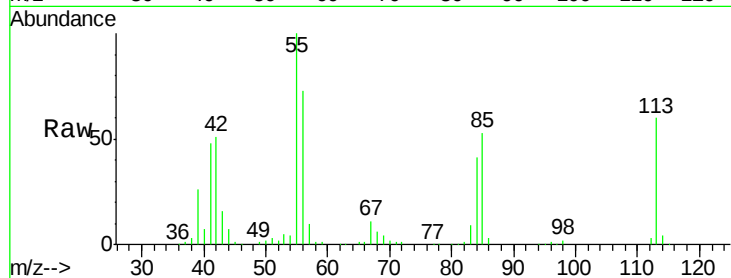
Tot Ion:113 Resp: 108453

Ion Ratio Lower Upper

113 100

55 167.0 163.3 203.3

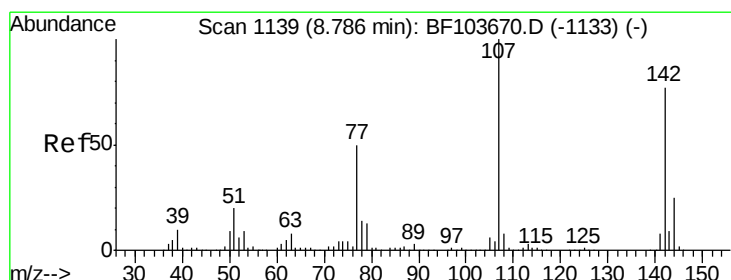
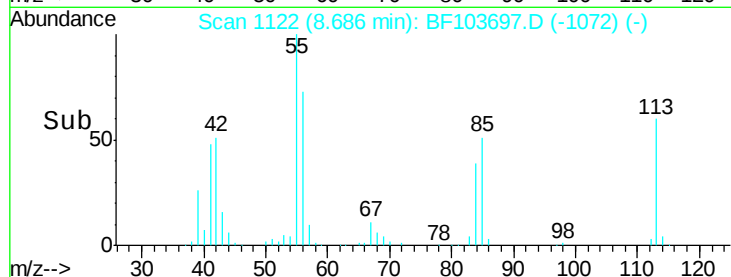
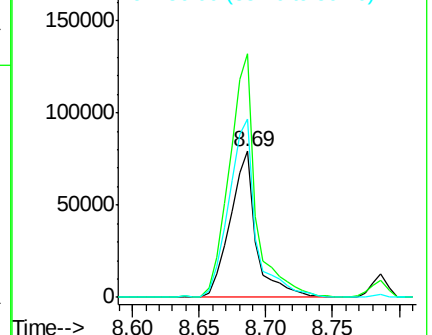
56 122.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.270 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

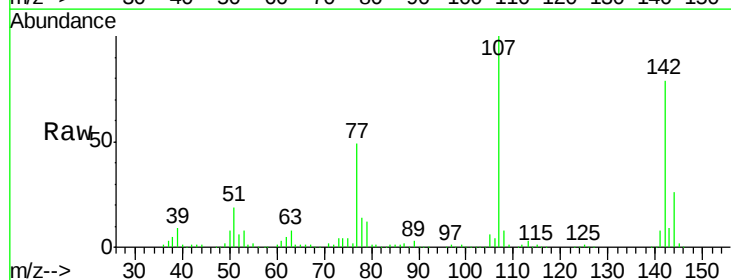
Tgt Ion:107 Resp: 351021

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

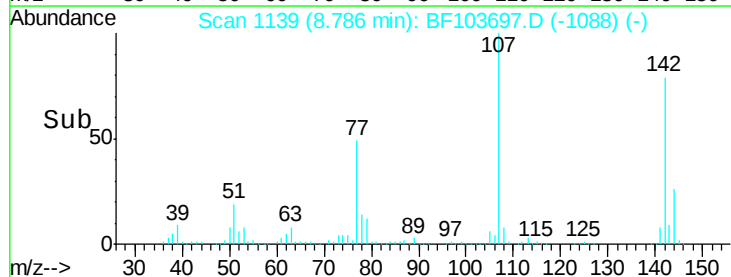
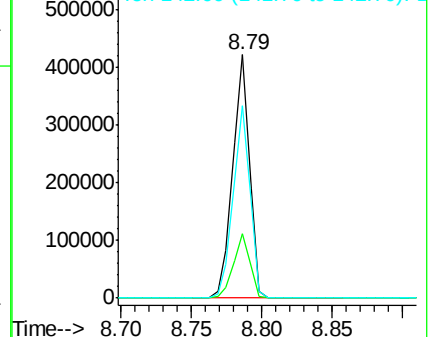
142 79.0 62.0 93.0

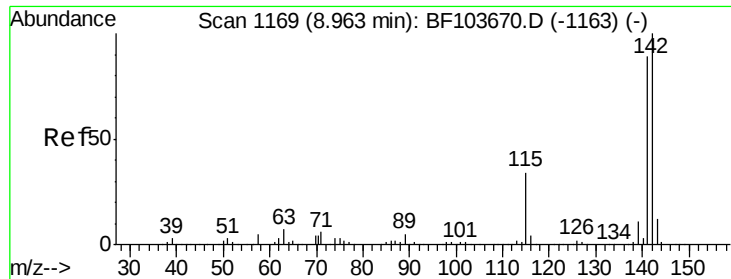


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

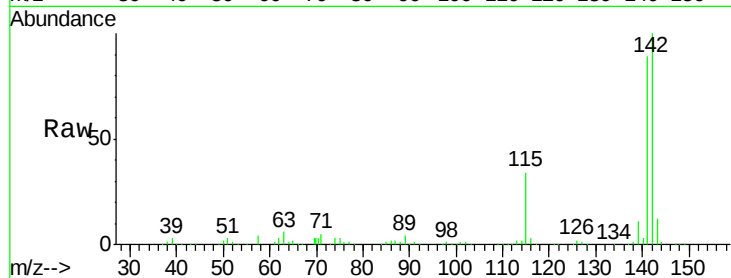




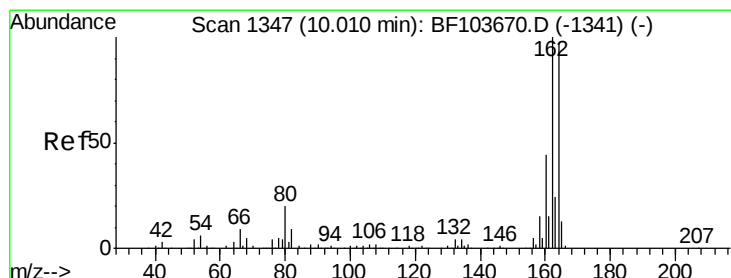
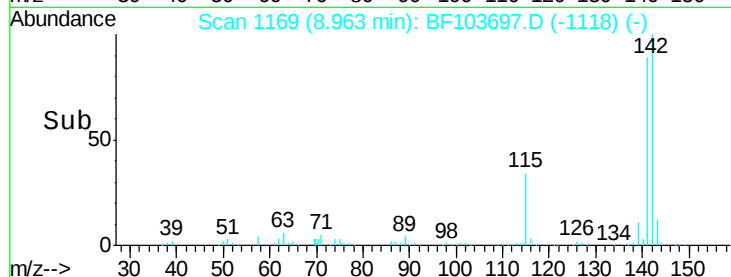
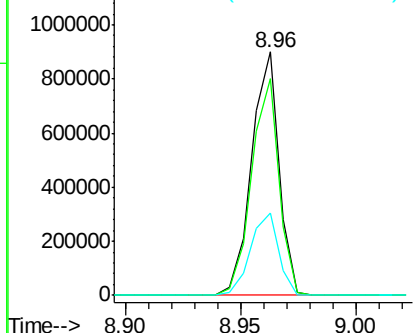
#37
 2-Methylnaphthalene
 Concen: 40.060 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 747137
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.8 106.2
 115 33.7 26.1 39.1

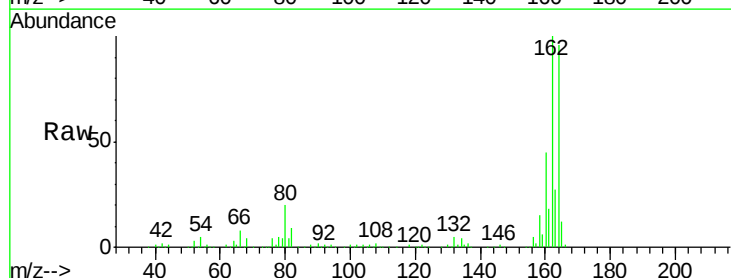


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

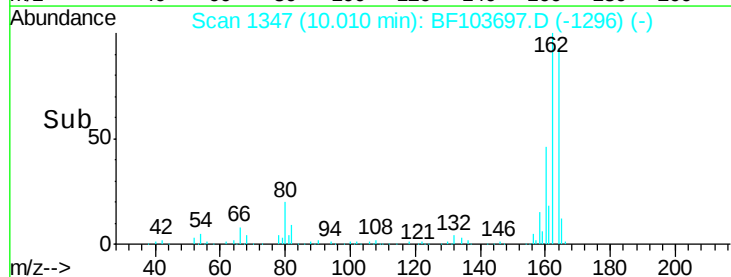
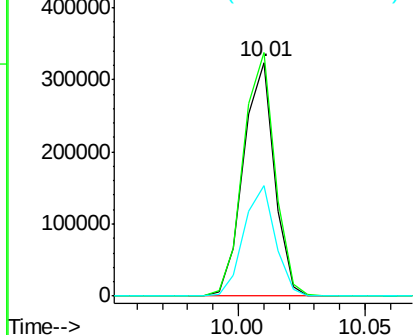


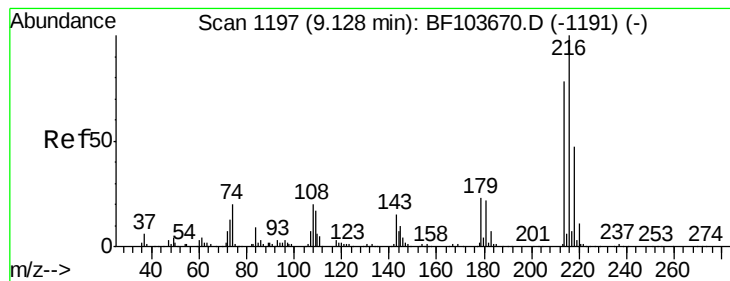
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Tgt Ion:164 Resp: 276017
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 47.3 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.918 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 314334

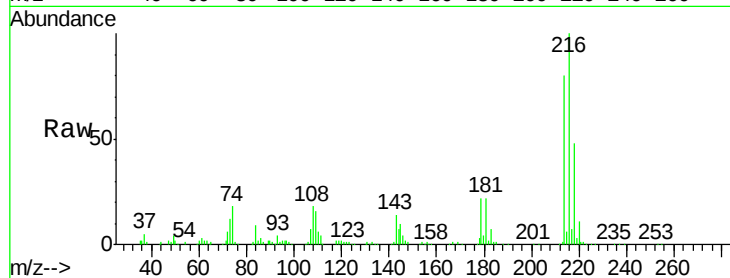
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 22.4 18.1 27.1

108 22.5 17.2 25.8

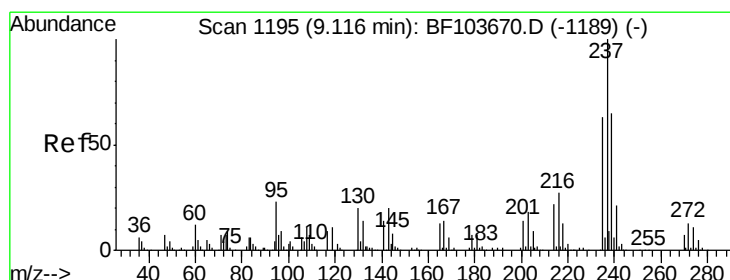
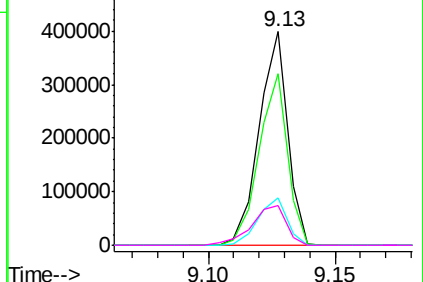
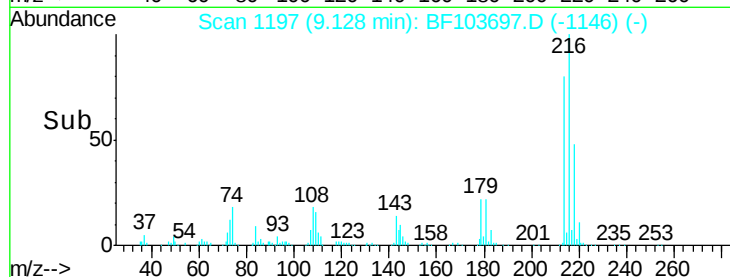


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 43.851 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

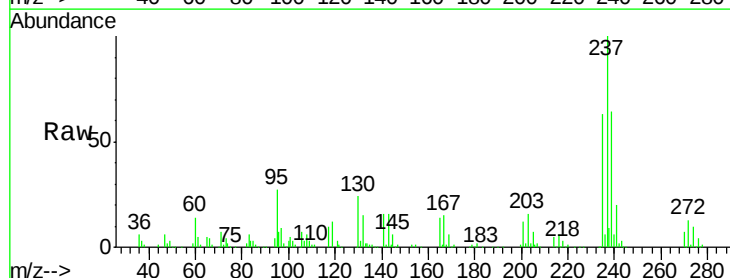
Tgt Ion:237 Resp: 178177

Ion Ratio Lower Upper

237 100

235 62.9 44.8 84.8

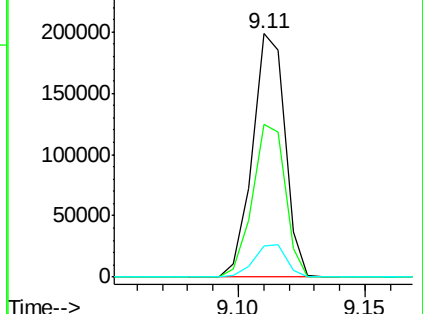
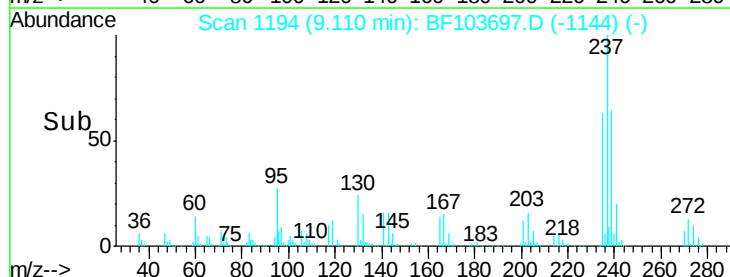
272 12.8 0.0 33.3

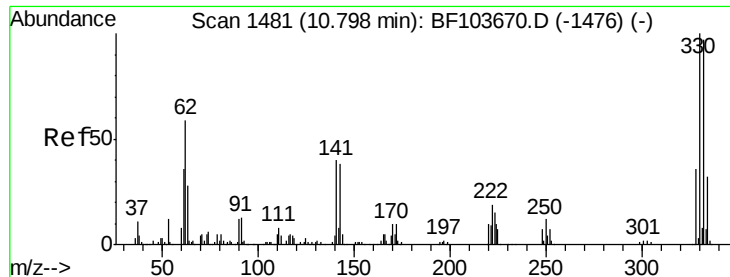


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

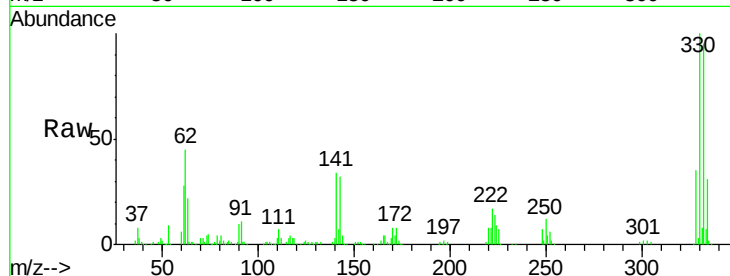




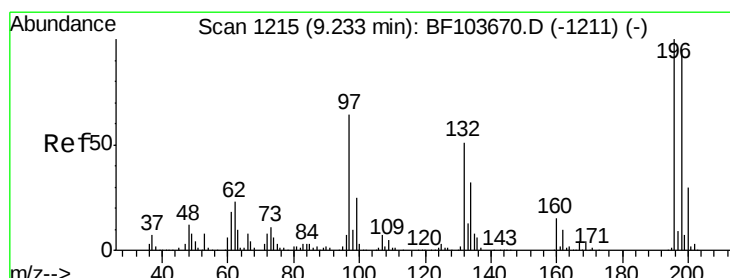
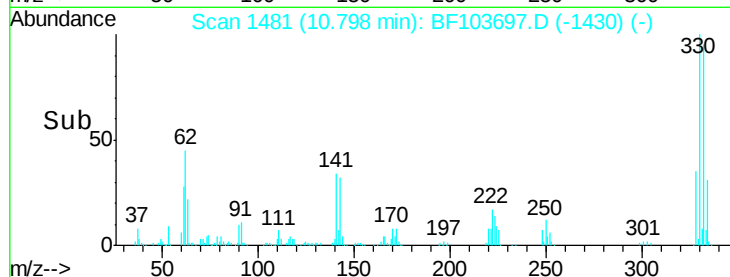
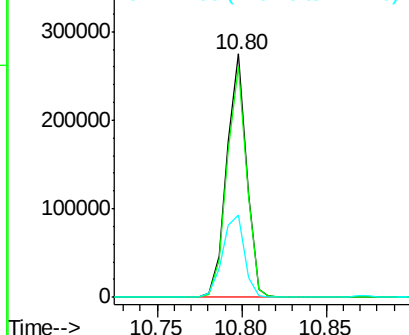
#41
 2,4,6-Tribromophenol
 Concen: 93.583 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 222092
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 37.6 29.9 44.9

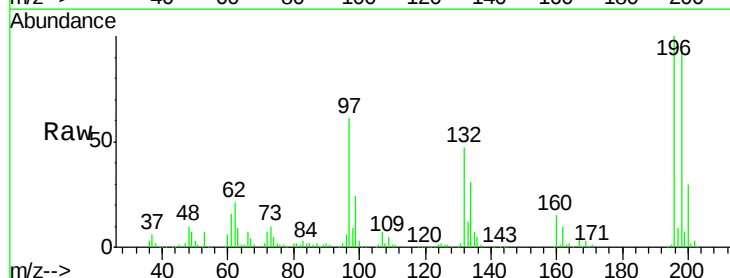


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

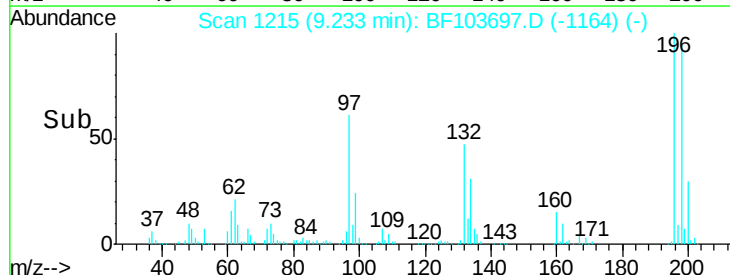
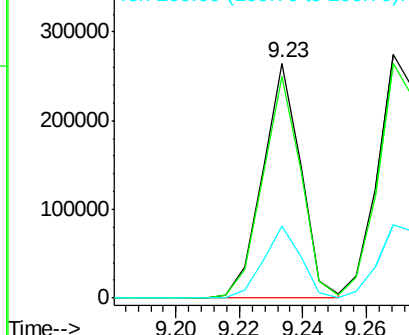


#42
 2,4,6-Trichlorophenol
 Concen: 43.752 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Tgt Ion:196 Resp: 220367
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 30.5 24.5 36.7



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

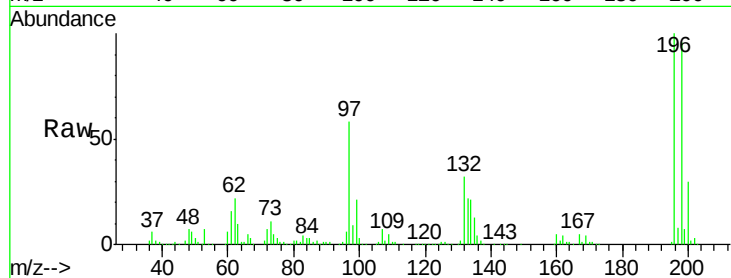




#43
 2,4,5-Trichlorophenol
 Concen: 44.371 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	252245
Ion Ratio	100	Lower	Upper
196	100		
198	96.3	74.6	112.0
97	57.5	42.9	64.3
132	31.7	26.3	39.5



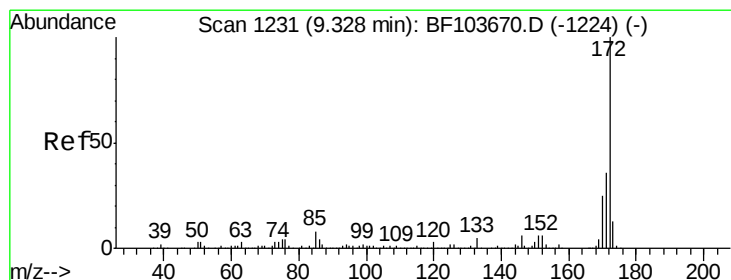
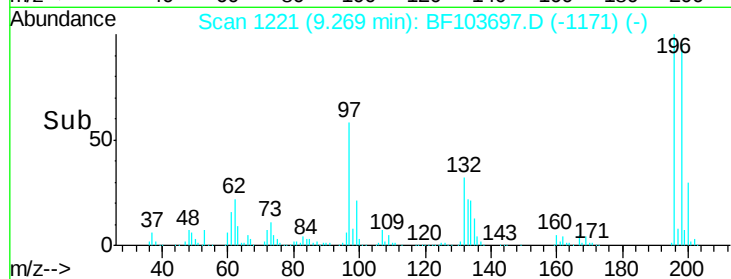
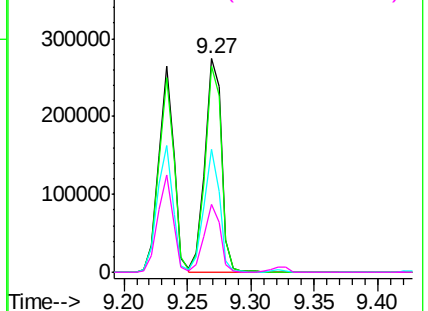
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

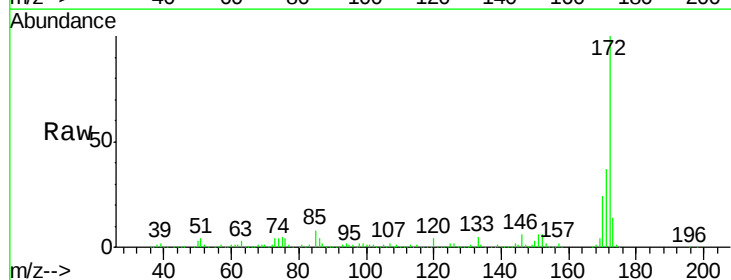
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.670 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Tgt Ion	172	Resp	1343965
Ion Ratio	100	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4

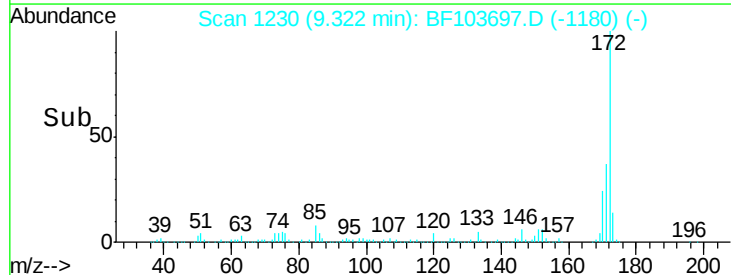
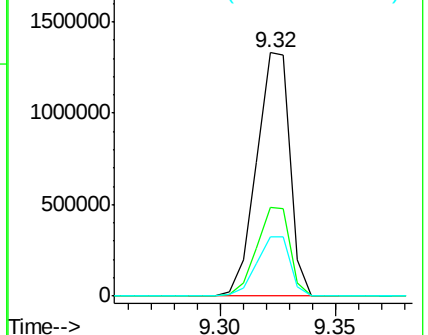


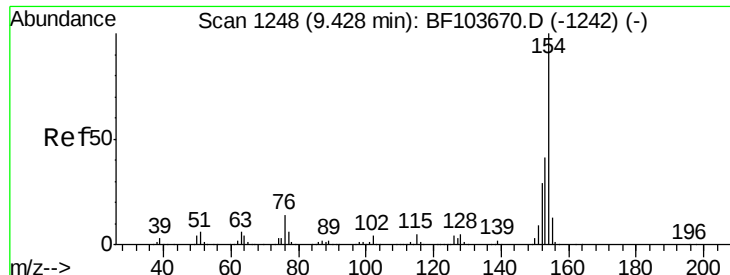
Abundance

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





#45

1,1'-Biphenyl

Concen: 39.517 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

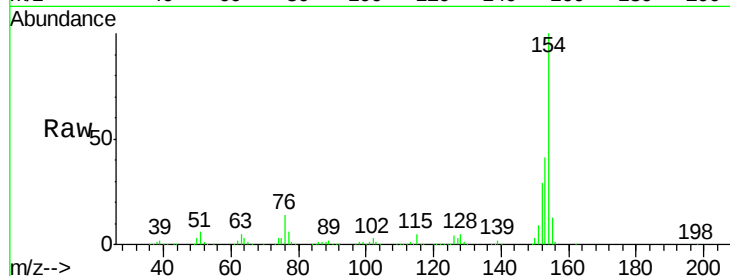
Tot Ion:154 Resp: 909522

Ion Ratio Lower Upper

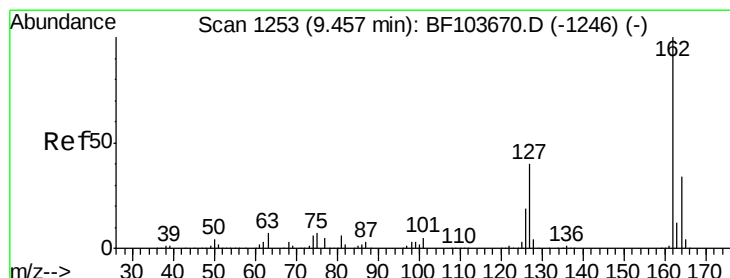
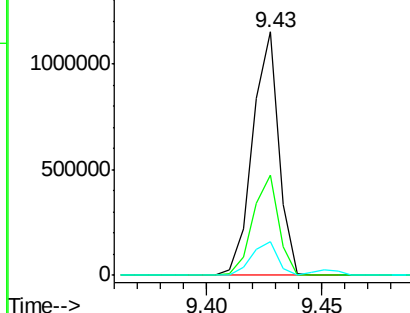
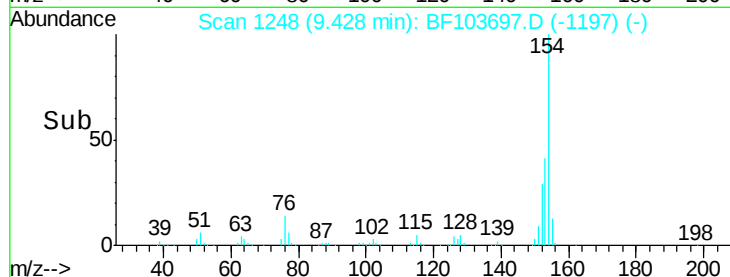
154 100

153 41.1 21.3 61.3

76 13.7 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 40.431 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

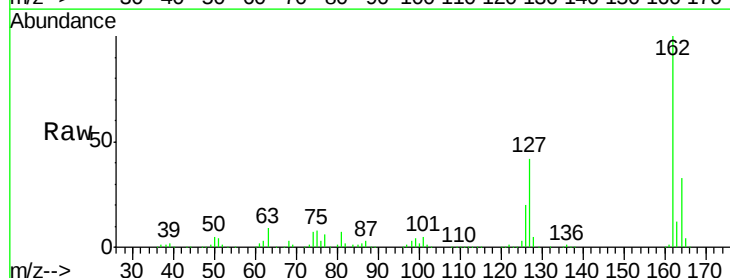
Tgt Ion:162 Resp: 739104

Ion Ratio Lower Upper

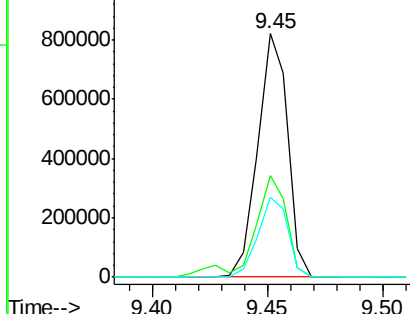
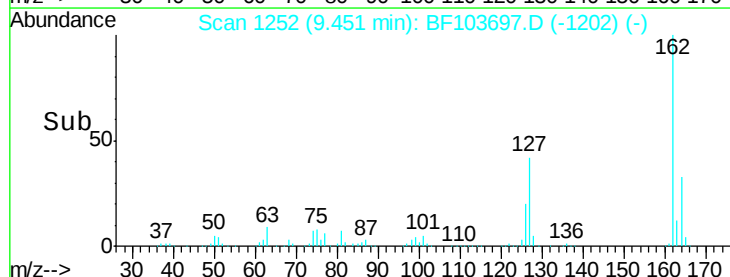
162 100

127 41.9 33.9 50.9

164 32.9 26.5 39.7



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

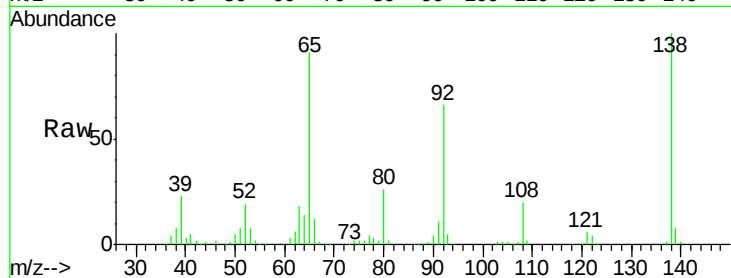




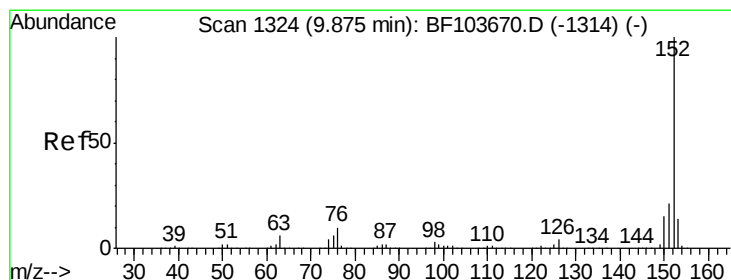
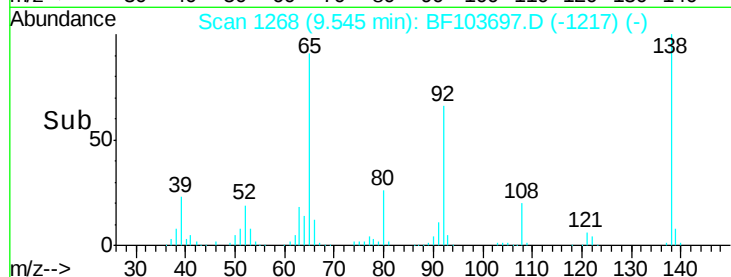
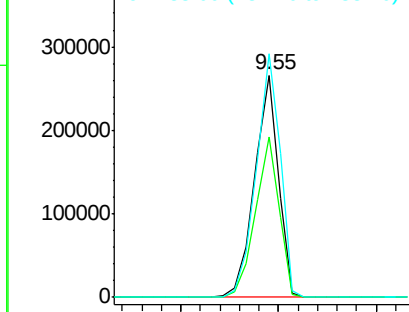
#47
2-Nitroaniline
Concen: 47.260 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 225420
Ion Ratio Lower Upper
65 100
92 72.1 55.8 83.6
138 109.5 91.2 136.8

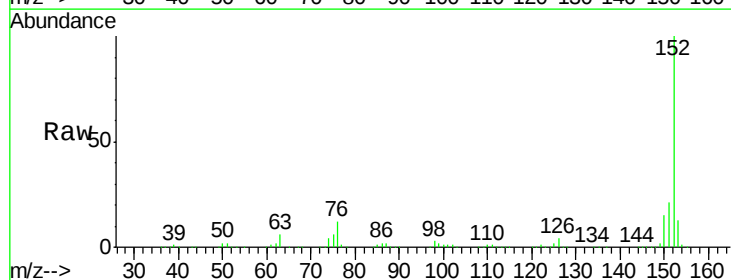


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

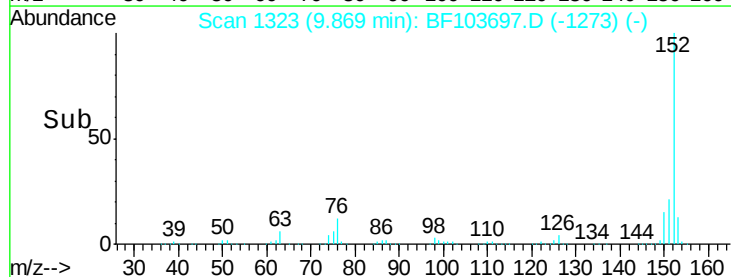
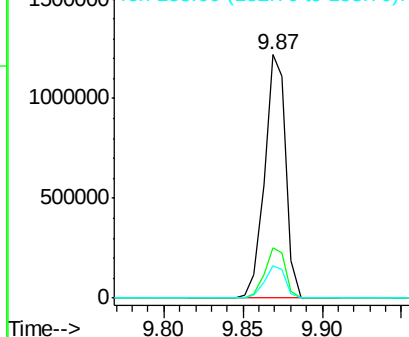


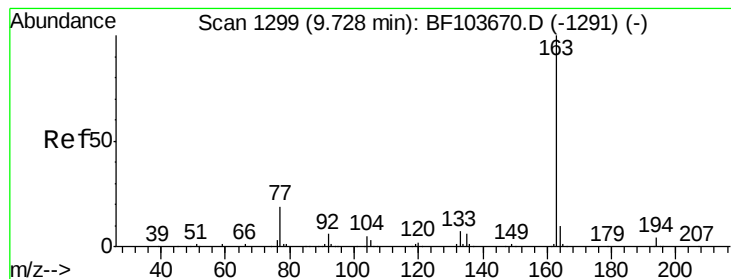
#48
Acenaphthylene
Concen: 40.169 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion: 152 Resp: 1138691
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 40.761 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

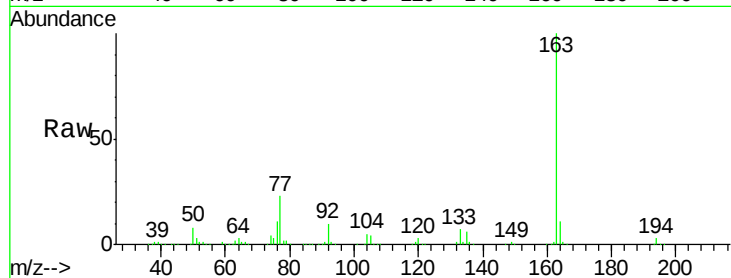
Tot Ion:163 Resp: 858368

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

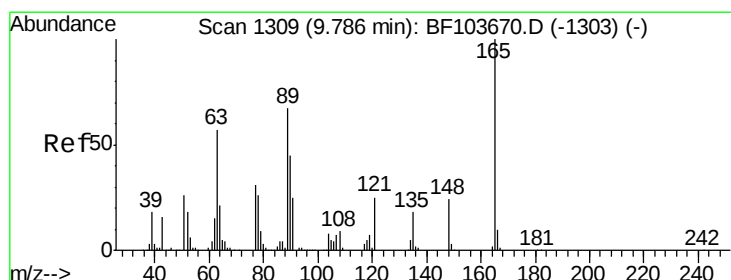
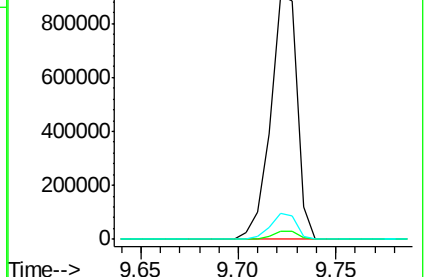
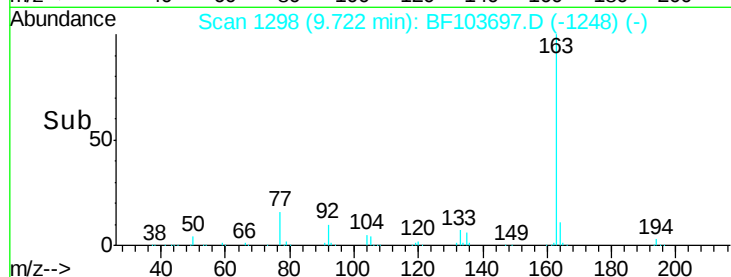
164 10.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 46.003 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

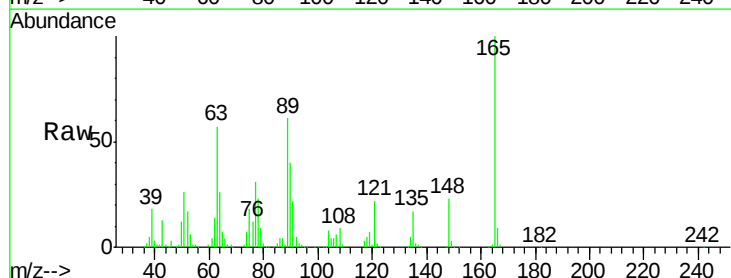
Tgt Ion:165 Resp: 186666

Ion Ratio Lower Upper

165 100

63 56.9 44.7 67.1

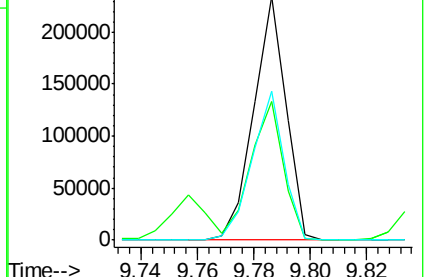
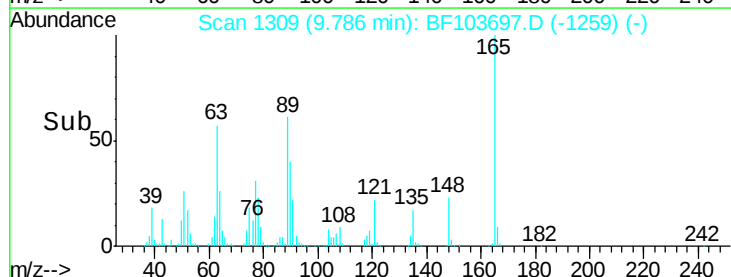
89 61.2 44.0 66.0

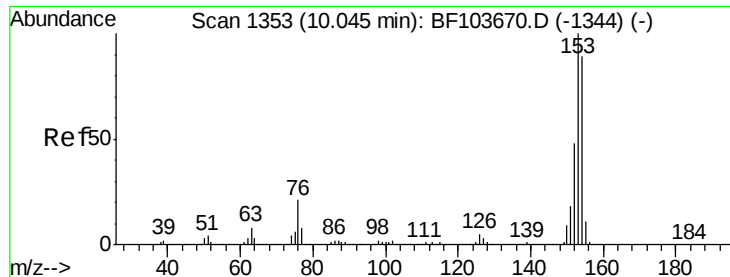


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.304 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

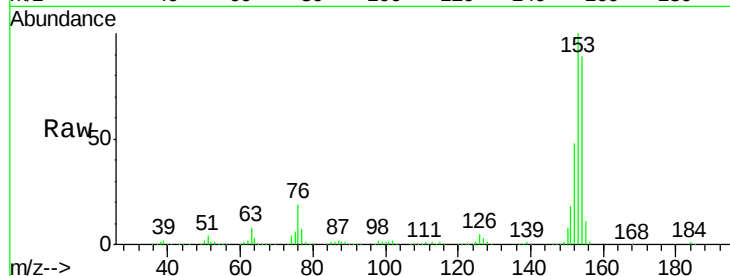
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 678386

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.2	136.8
152	54.3	43.8	65.8

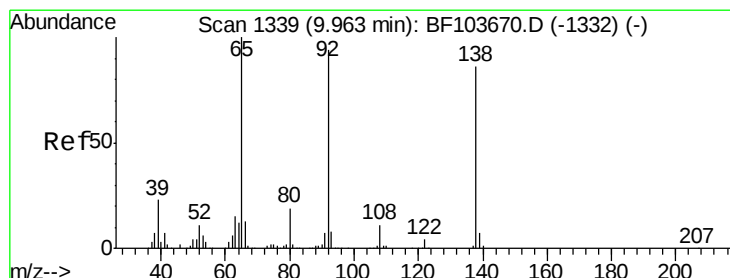
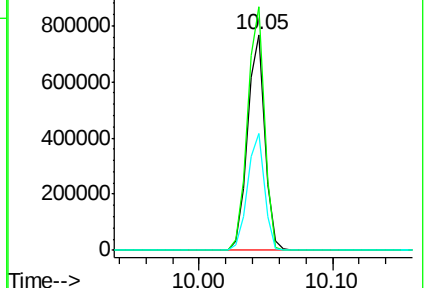
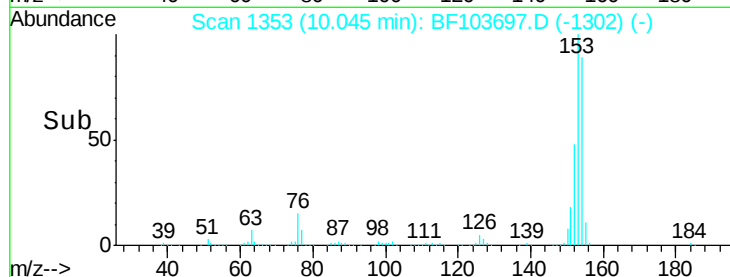


Abundance

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



#52

3-Nitroaniline

Concen: 45.527 ng

RT: 9.96 min Scan# 1338

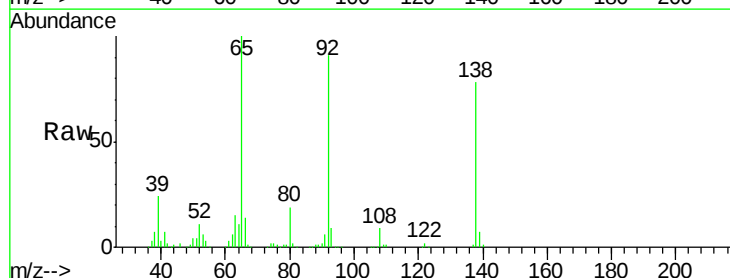
Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Tgt Ion:138 Resp: 221231

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.4	14.0
92	117.3	89.4	134.2

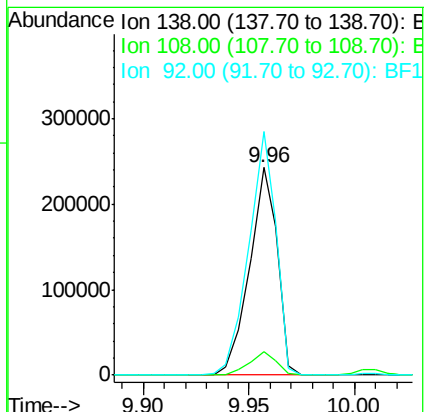
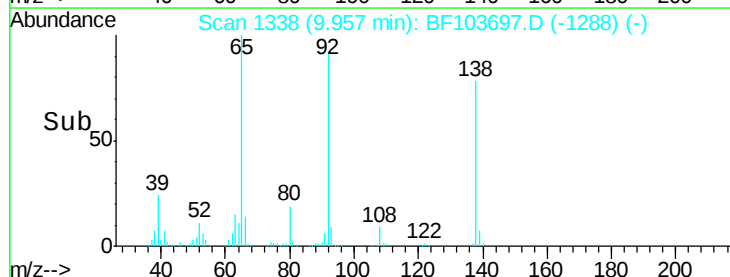


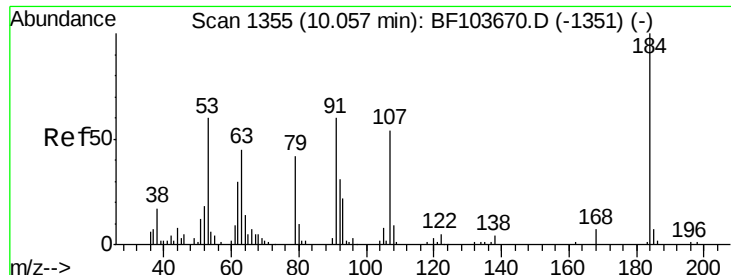
Abundance

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

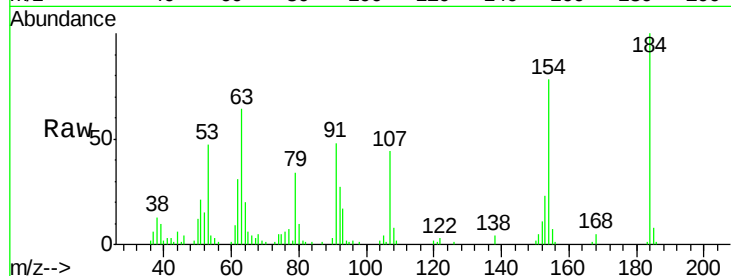




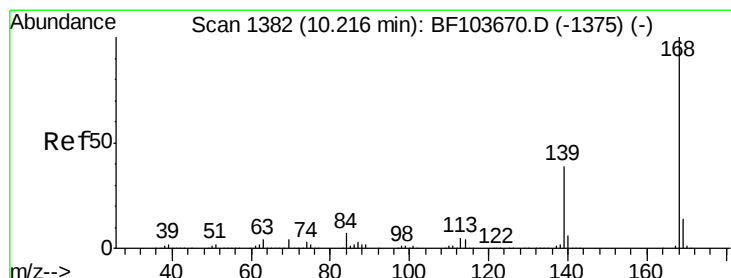
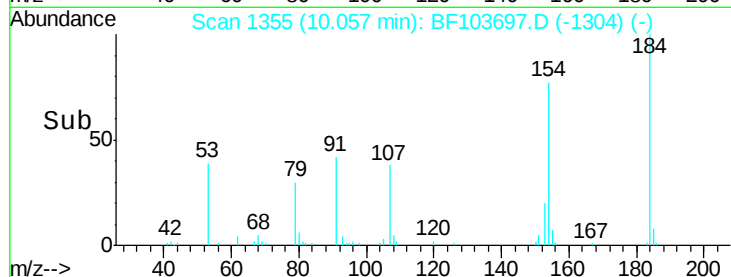
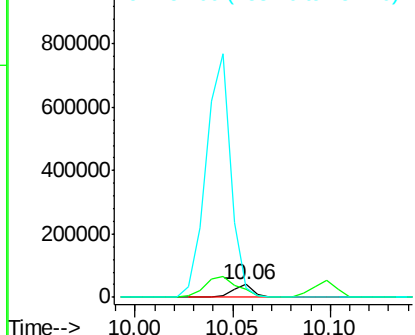
#53
2,4-Dinitrophenol
Concen: 39.800 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 29989
Ion Ratio Lower Upper
184 100
63 63.7 54.2 81.2
154 78.2 184.0 276.0#

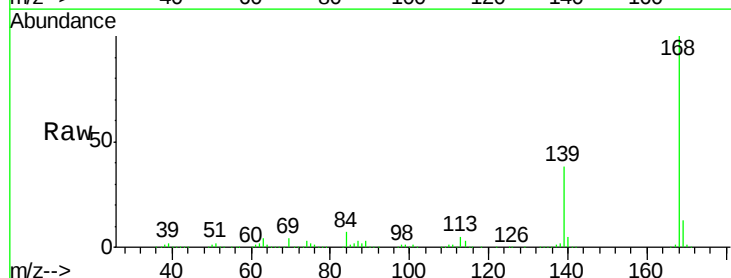


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

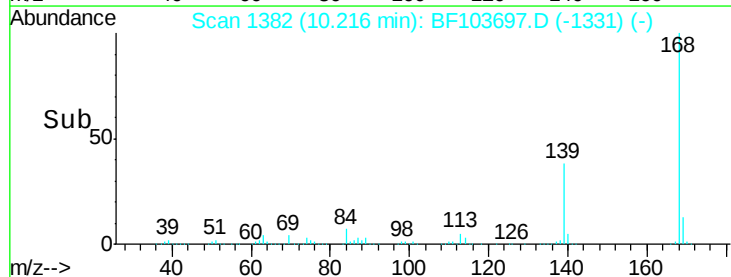
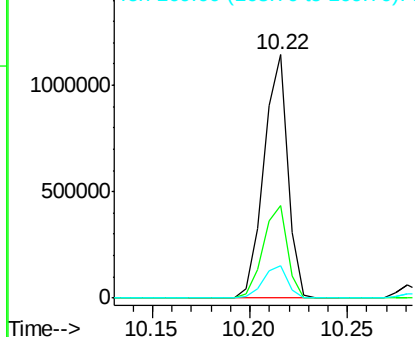


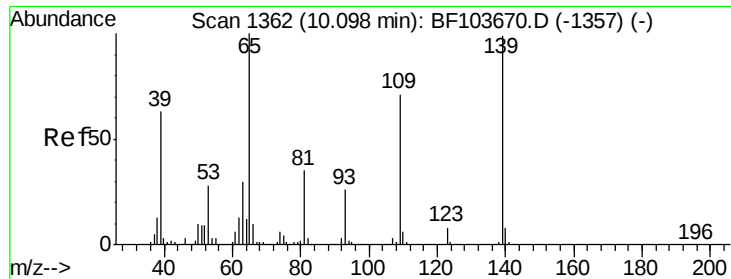
#54
Dibenzofuran
Concen: 40.213 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion:168 Resp: 966690
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.2 10.9 16.3



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

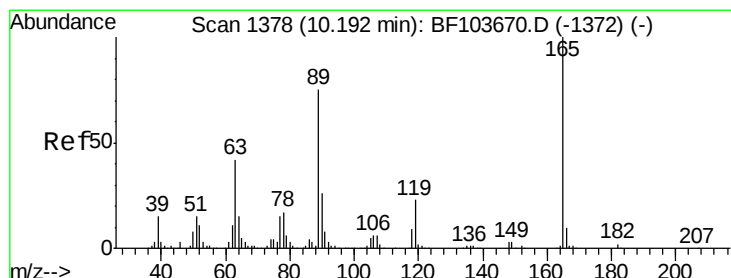
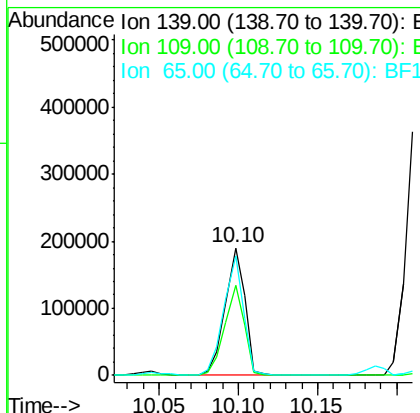
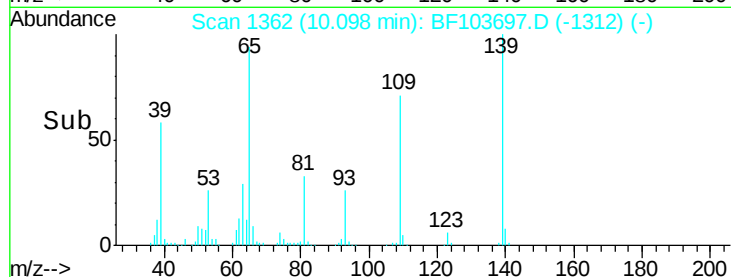
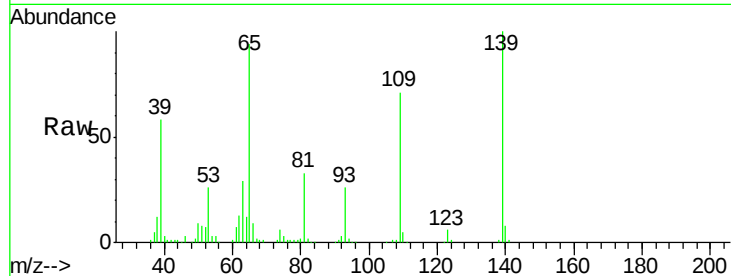




#55
4-Nitrophenol
Concen: 45.341 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

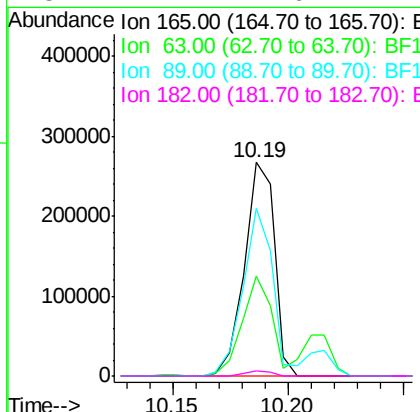
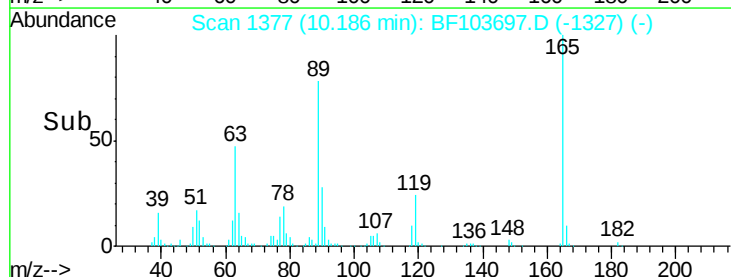
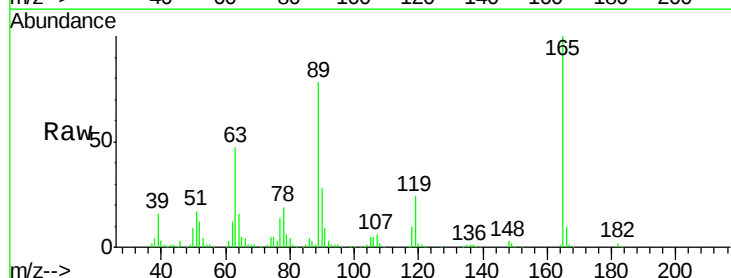
Instrument :
BNA_F
ClientSampleId :

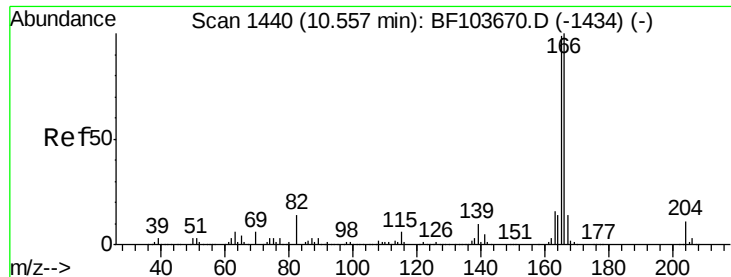
Tot Ion:139 Resp: 165961
Ion Ratio Lower Upper
139 100
109 71.1 48.4 88.4
65 94.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.395 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion:165 Resp: 244140
Ion Ratio Lower Upper
165 100
63 47.0 36.4 54.6
89 78.2 57.8 86.6
182 2.2 1.6 2.4

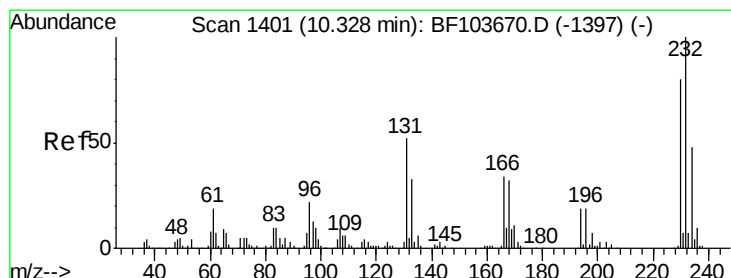
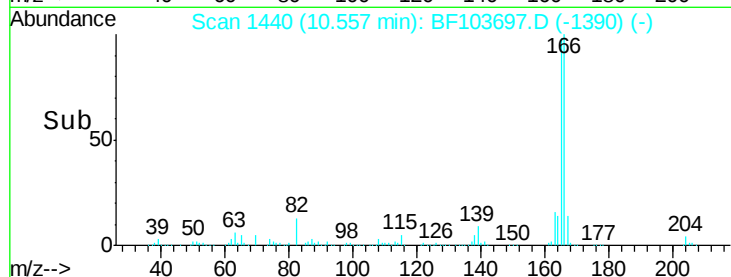
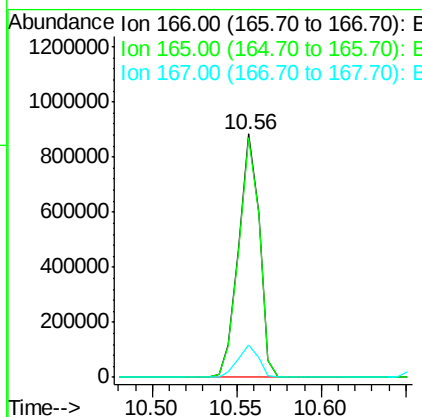
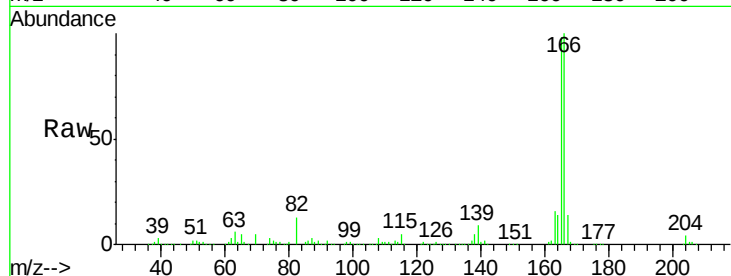




#57
 Fluorene
 Concen: 40.413 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

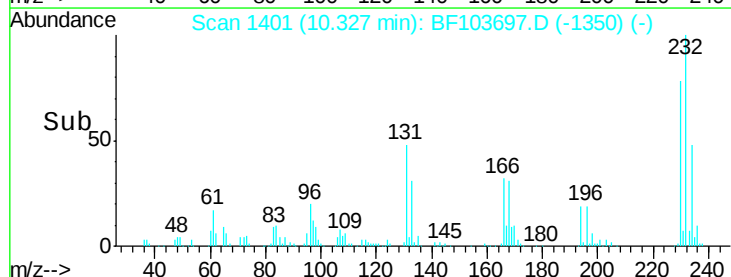
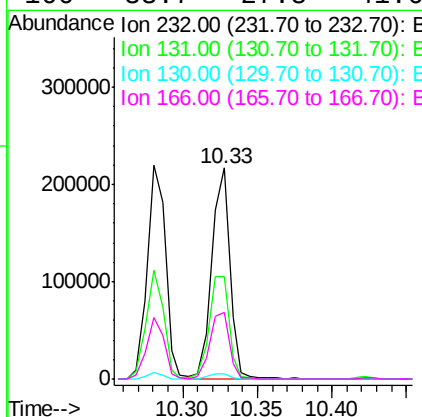
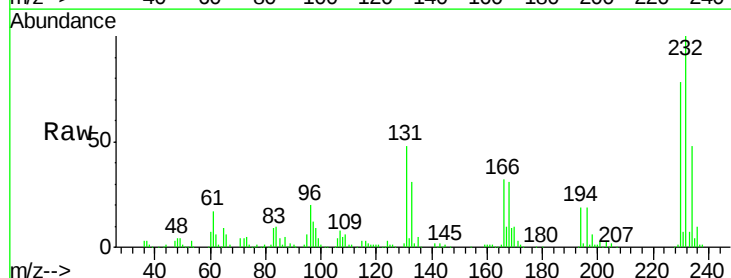
Instrument :
 BNA_F
 ClientSampleId :

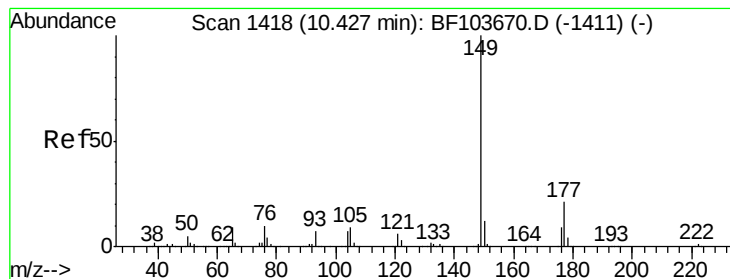
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.611 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.4	43.8	65.8
130	2.7	2.1	3.1
166	33.7	27.8	41.6





#59

Diethylphthalate

Concen: 41.572 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampled :

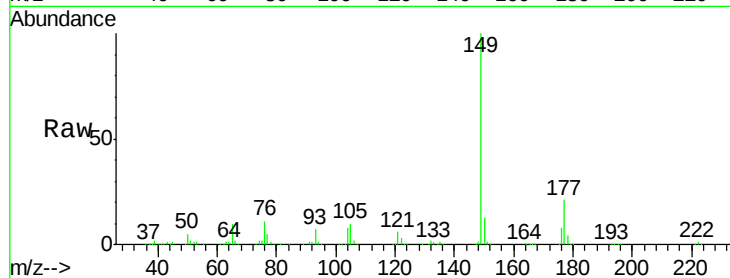
Tot Ion:149 Resp: 868909

Ion Ratio Lower Upper

149 100

177 20.8 16.1 24.1

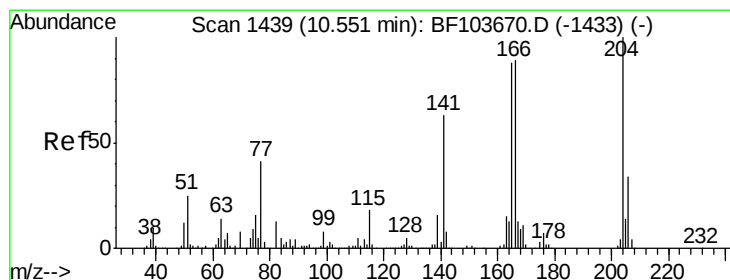
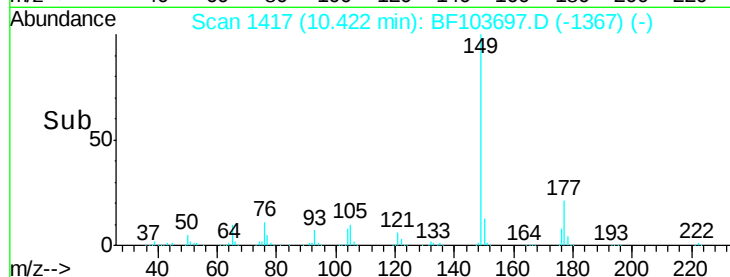
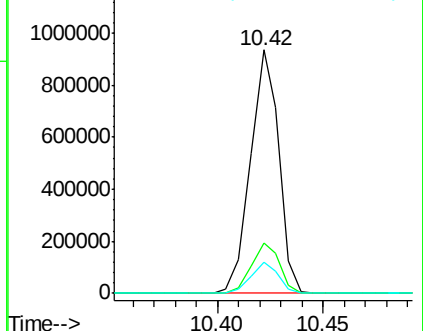
150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.728 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

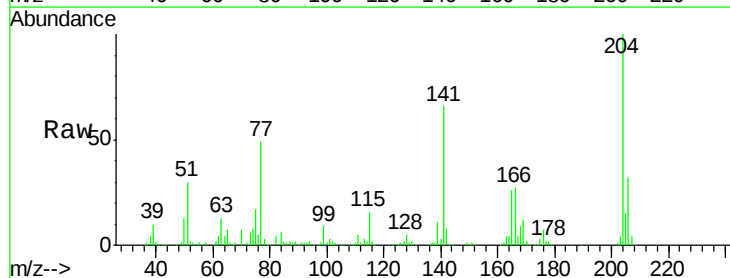
Tgt Ion:204 Resp: 347211

Ion Ratio Lower Upper

204 100

206 31.9 26.5 39.7

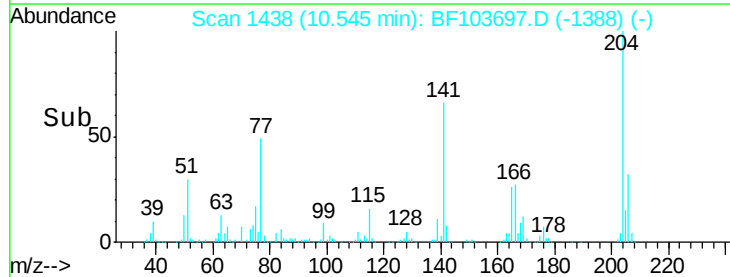
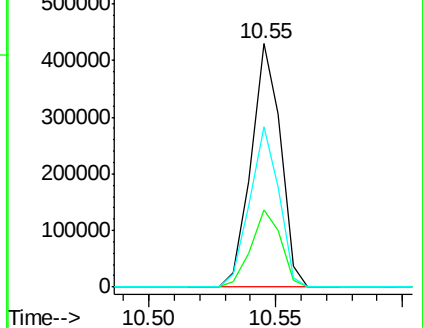
141 66.1 54.6 81.8

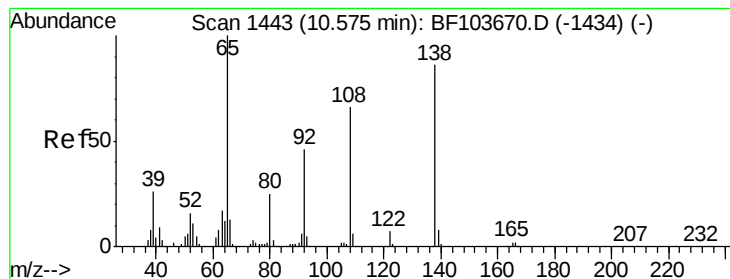


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.489 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampled :

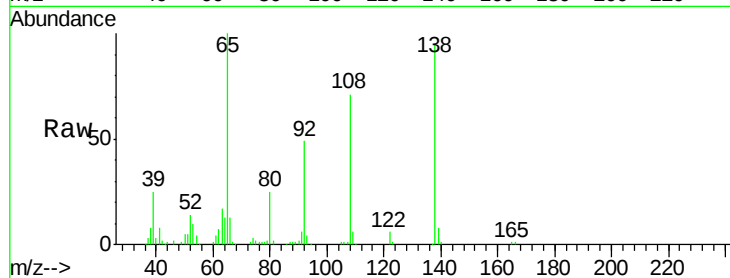
Tot Ion:138 Resp: 217846

Ion Ratio Lower Upper

138 100

92 51.5 30.2 70.2

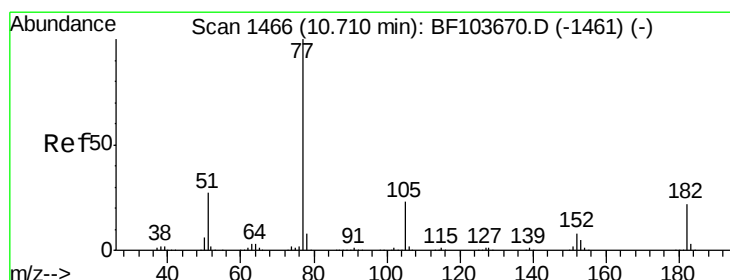
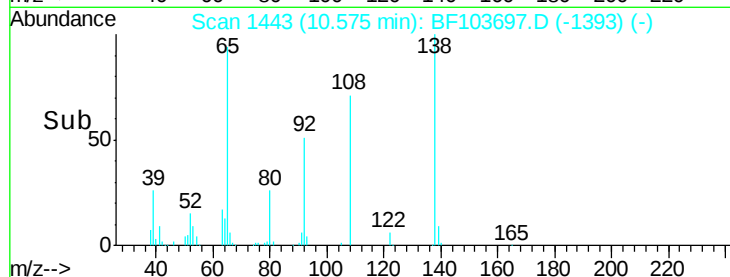
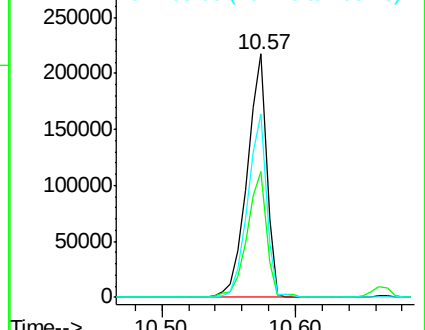
108 75.6 52.5 92.5



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



#62

Azobenzene

Concen: 40.209 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Tgt Ion: 77 Resp: 854431

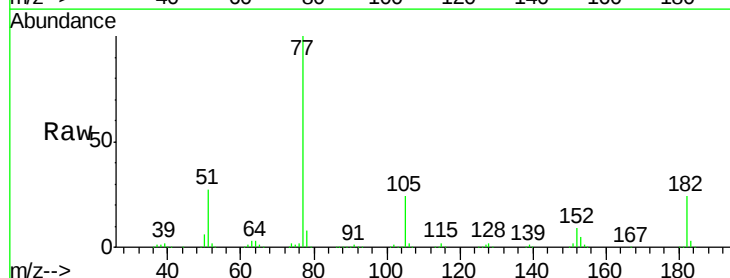
Ion Ratio Lower Upper

77 100

182 24.2 1.7 41.7

105 24.2 3.0 43.0

51 26.6 9.9 49.9

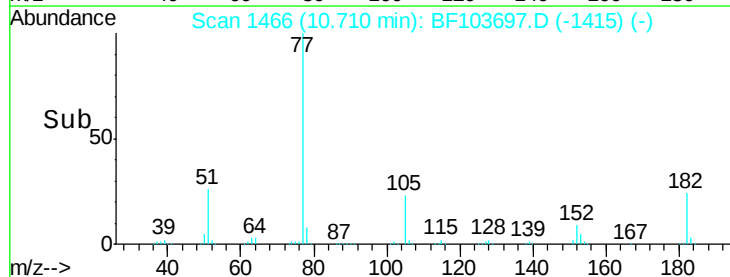
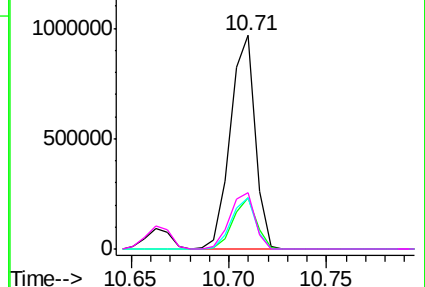


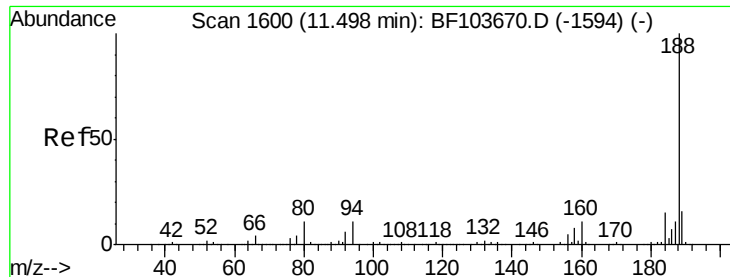
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

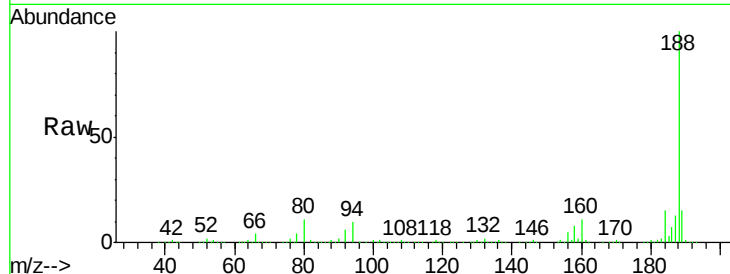




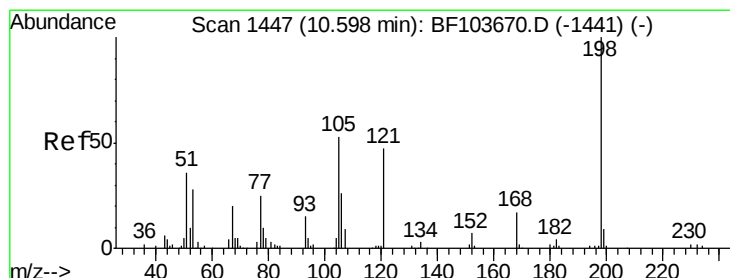
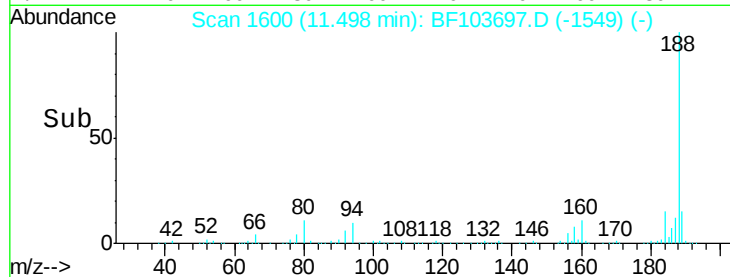
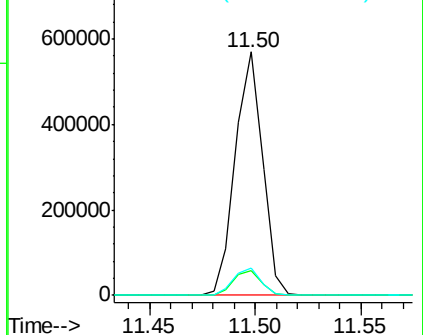
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 506786
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 11.4 9.2 13.8

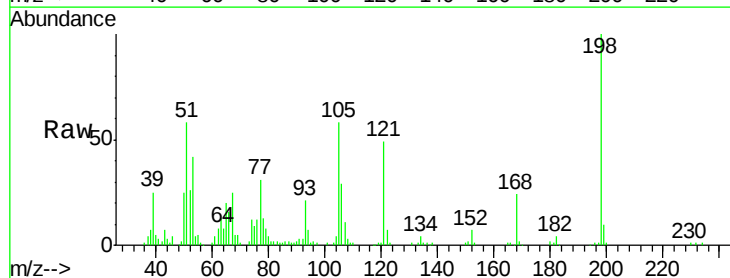


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

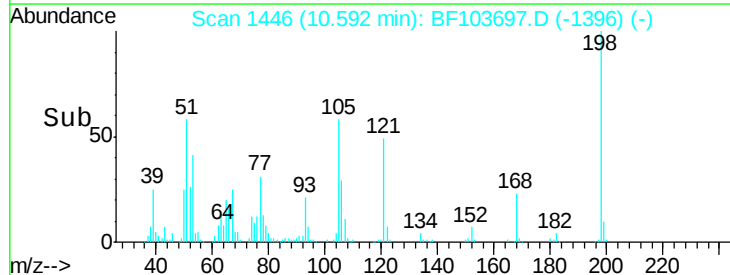
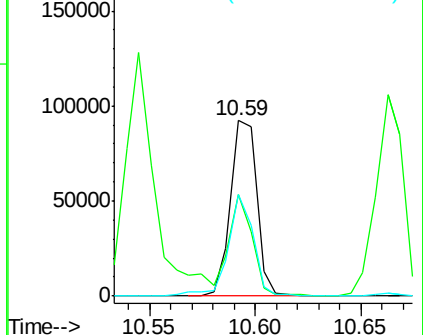


#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.370 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Tgt Ion:198 Resp: 79427
 Ion Ratio Lower Upper
 198 100
 51 57.9 37.7 77.7
 105 58.0 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 39.692 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampled :

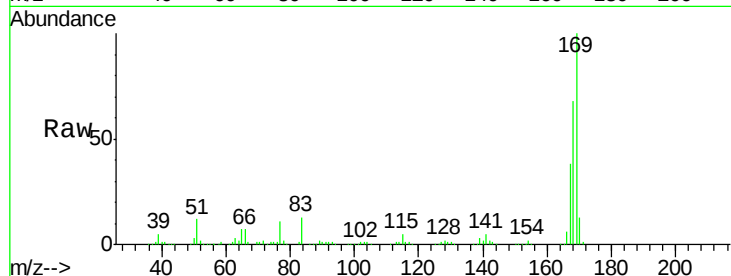
Tot Ion:169 Resp: 684693

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

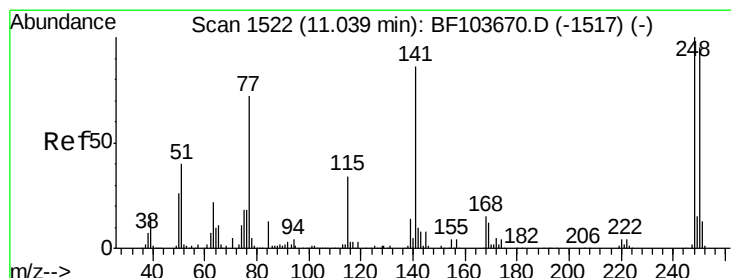
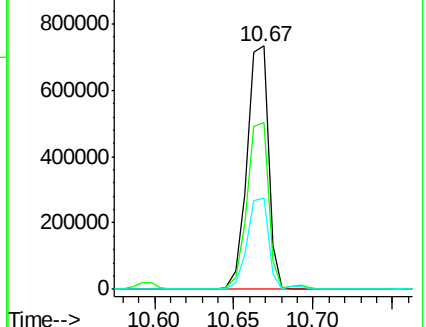
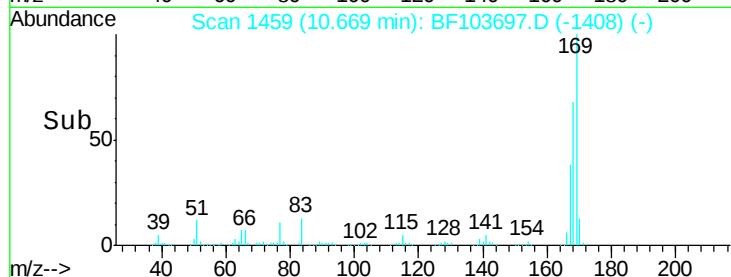
167 37.6 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 40.640 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

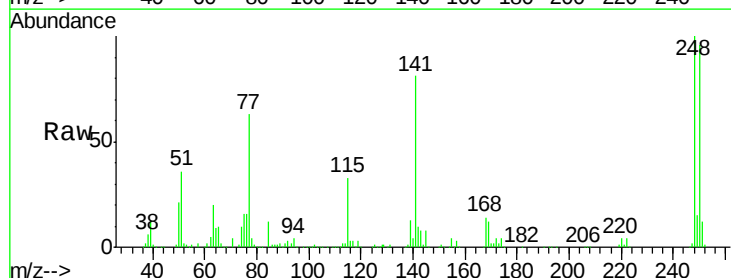
Tgt Ion:248 Resp: 211466

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

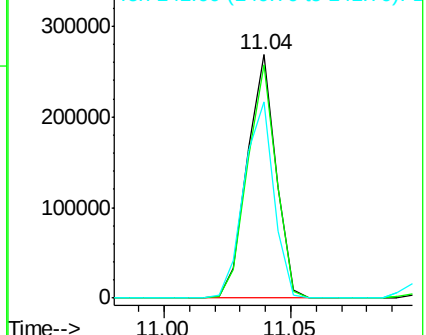
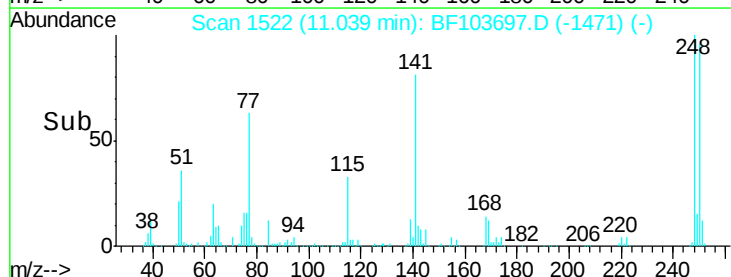
141 80.8 74.4 111.6



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

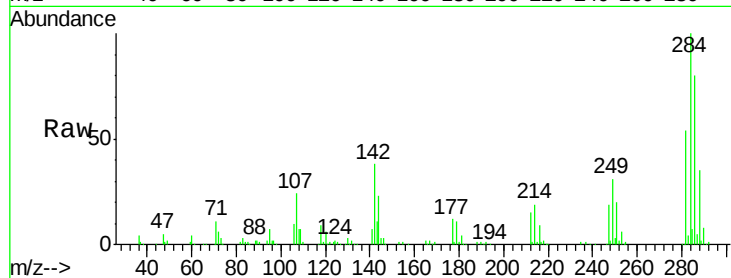




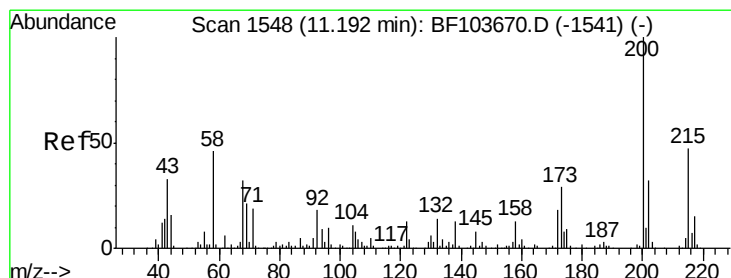
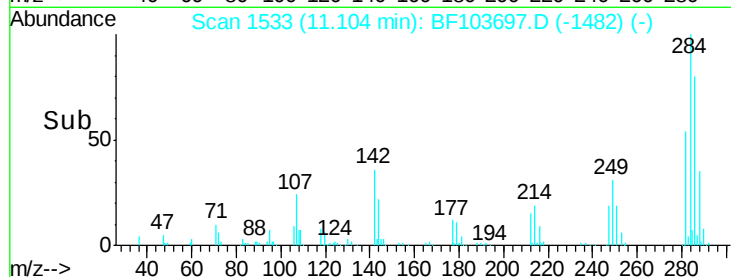
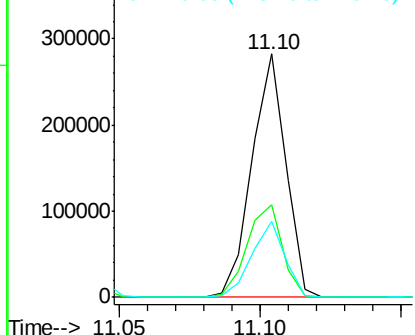
#67
Hexachlorobenzene
Concen: 39.510 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 234645
Ion Ratio Lower Upper
284 100
142 37.8 34.6 52.0
249 31.4 24.8 37.2

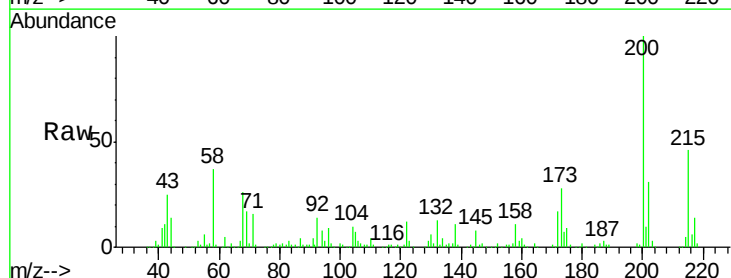


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

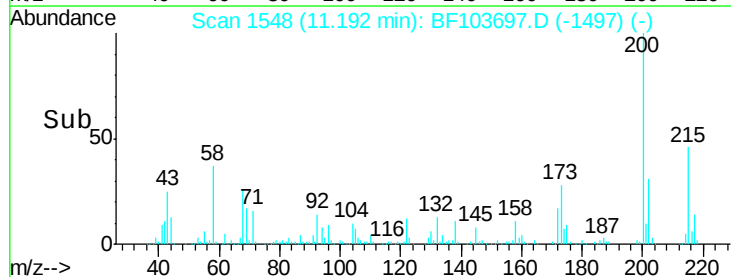
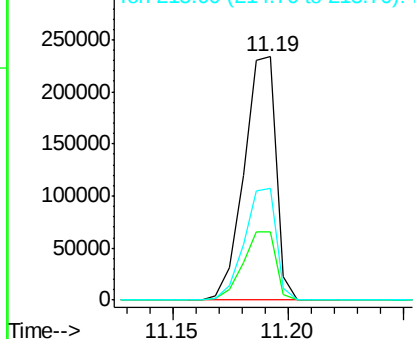


#68
Atrazine
Concen: 42.490 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion:200 Resp: 226735
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 46.0 25.1 65.1



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

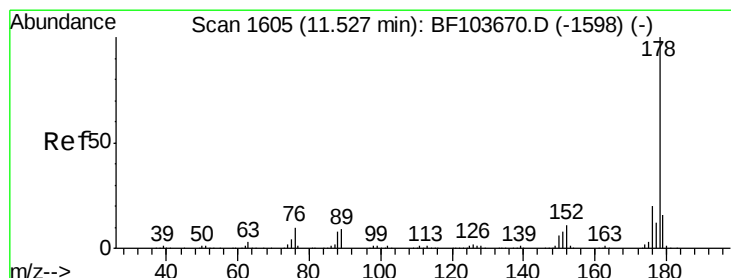
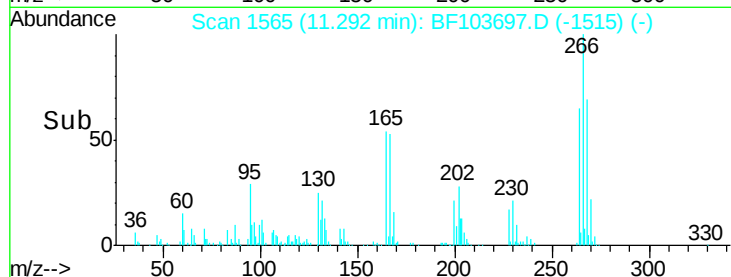
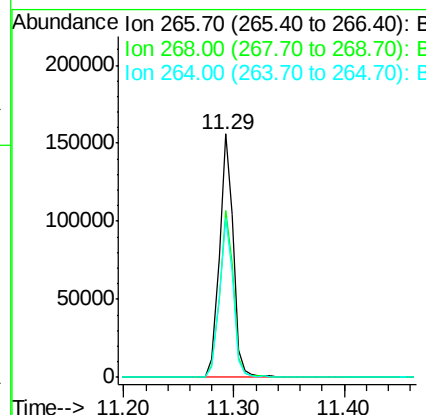
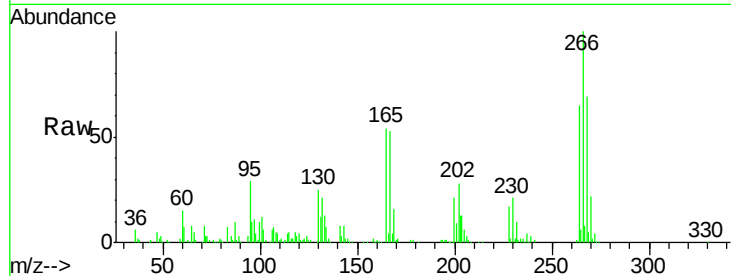




#69
 Pentachlorophenol
 Concen: 39.265 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

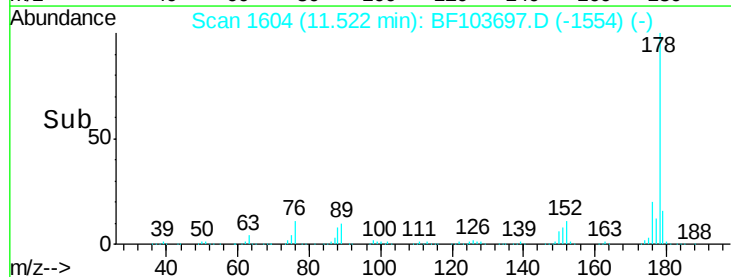
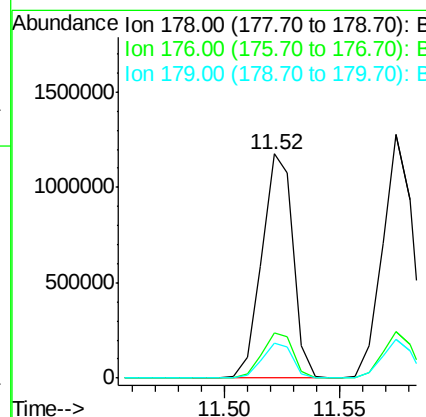
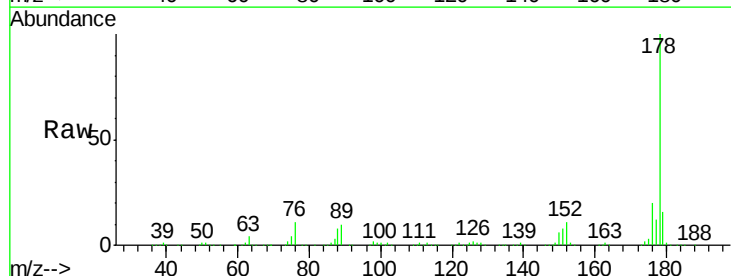
Instrument :
 BNA_F
 ClientSampleId :

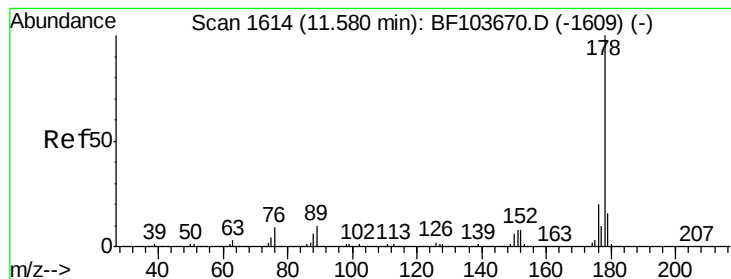
Tot Ion:266 Resp: 134063
 Ion Ratio Lower Upper
 266 100
 268 68.6 51.1 76.7
 264 65.4 49.5 74.3



#70
 Phenanthrene
 Concen: 39.934 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Tgt Ion:178 Resp: 1107058
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.9 13.0 19.6





#71

Anthracene

Concen: 40.200 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

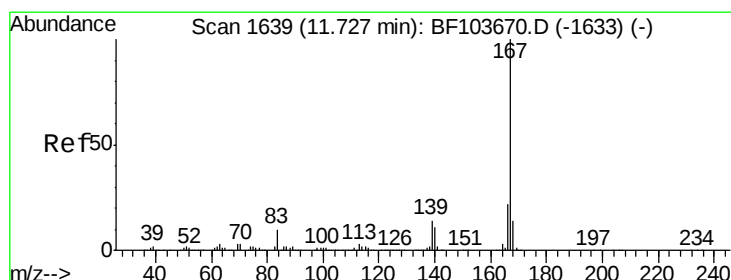
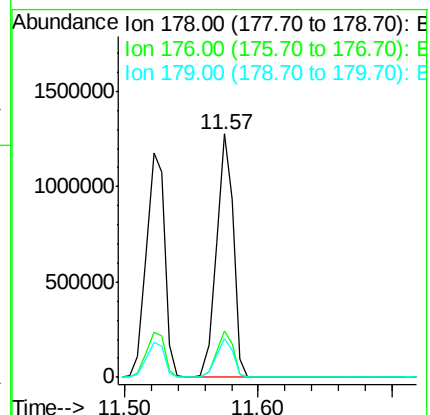
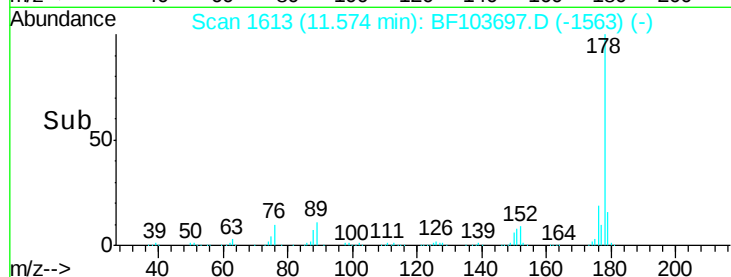
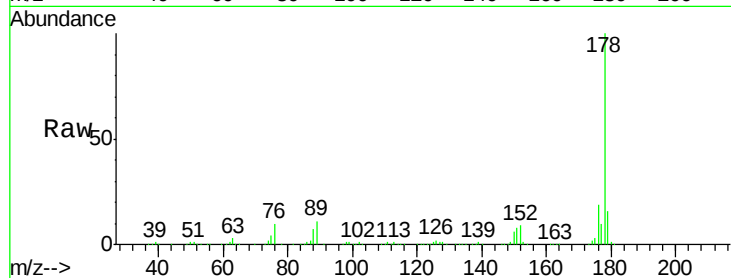
Tot Ion:178 Resp: 1131893

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 16.0 12.6 19.0



#72

Carbazole

Concen: 40.195 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

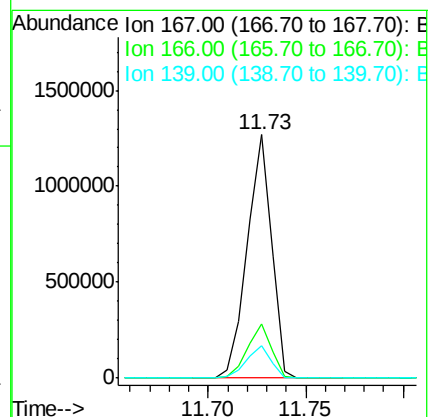
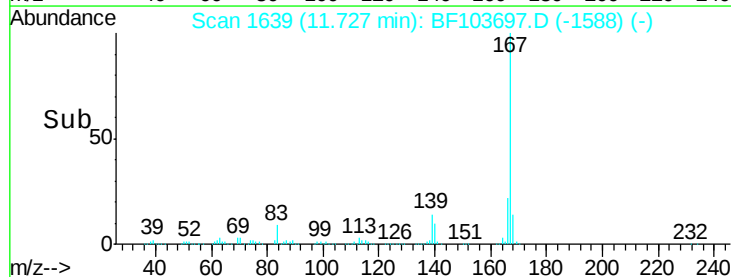
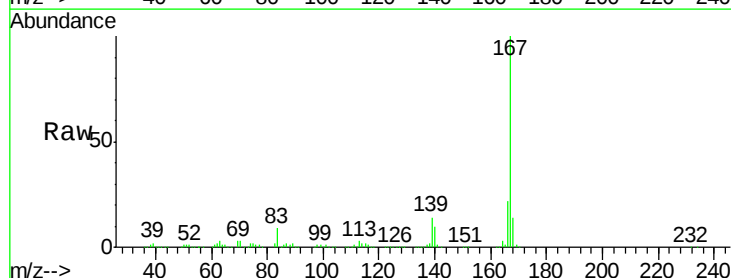
Tgt Ion:167 Resp: 1100012

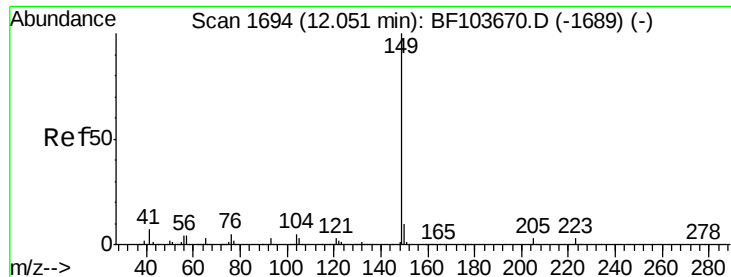
Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

139 13.5 10.9 16.3

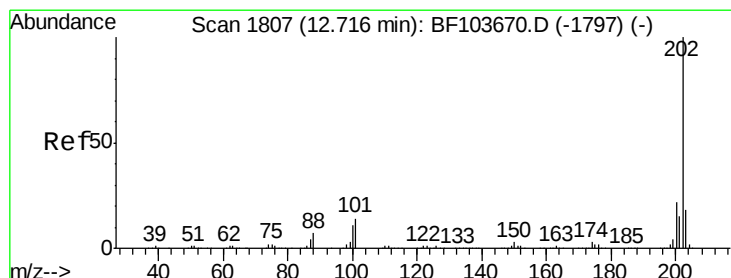
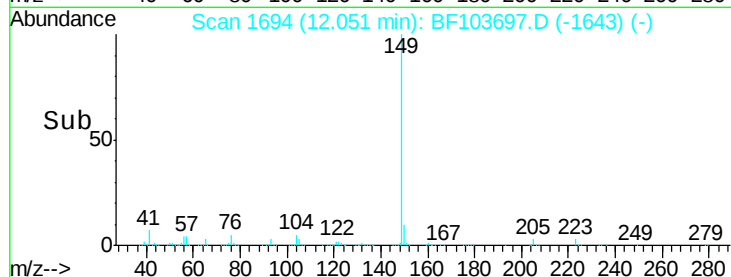
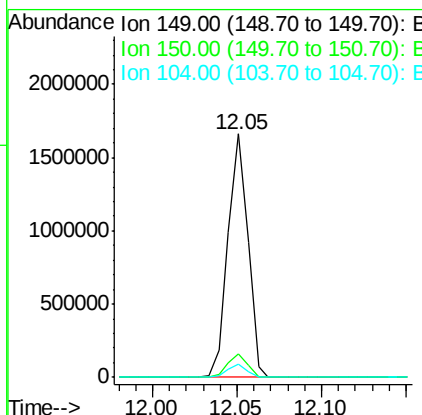
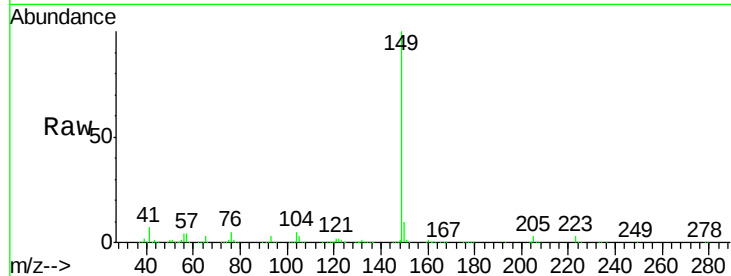




#73
Di-n-butylphthalate
Concen: 41.421 ng
RT: 12.05 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

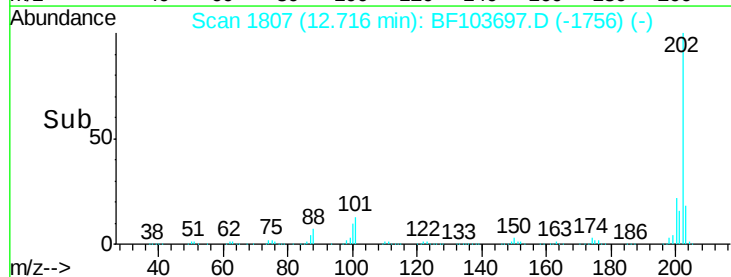
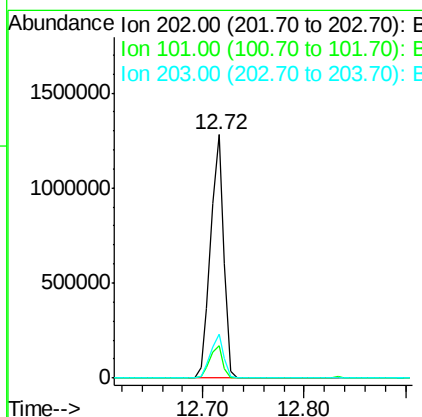
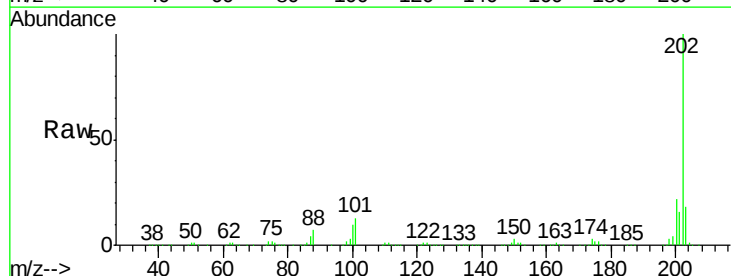
Instrument :
BNA_F
ClientSampleId :

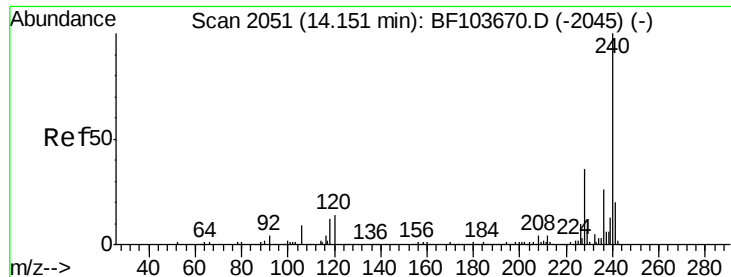
Tot Ion:149 Resp: 1360128
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.2 3.8 5.8



#74
Fluoranthene
Concen: 40.508 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion:202 Resp: 1156926
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.1
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

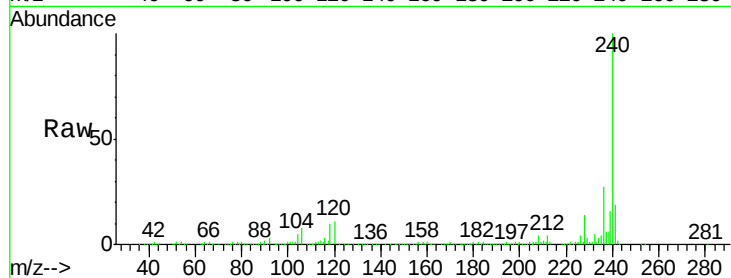
Tot Ion:240 Resp: 412380

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

600000

500000

400000

300000

200000

100000

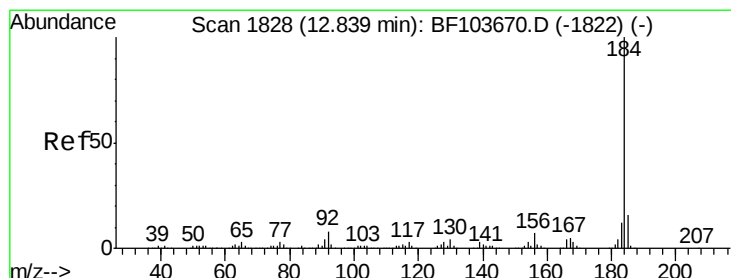
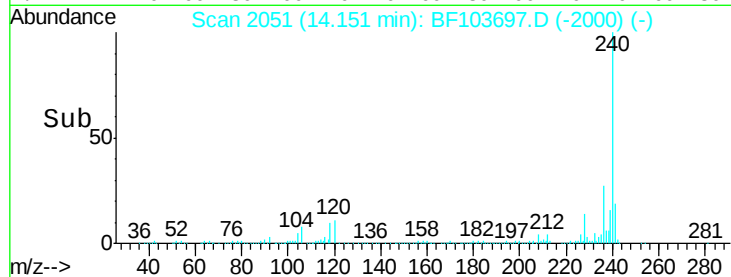
0

14.10

14.15

14.20

Time-->



#76

Benzidine

Concen: 38.614 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

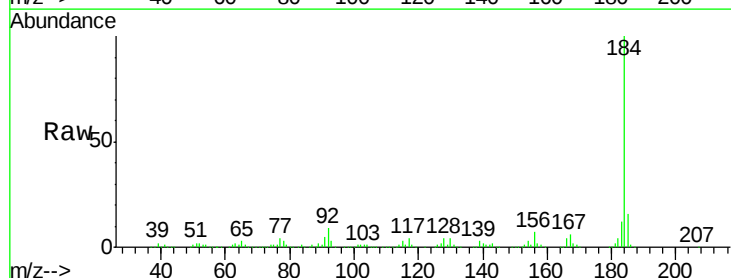
Tgt Ion:184 Resp: 679145

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

183 11.8 9.3 13.9



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

1000000

800000

600000

400000

200000

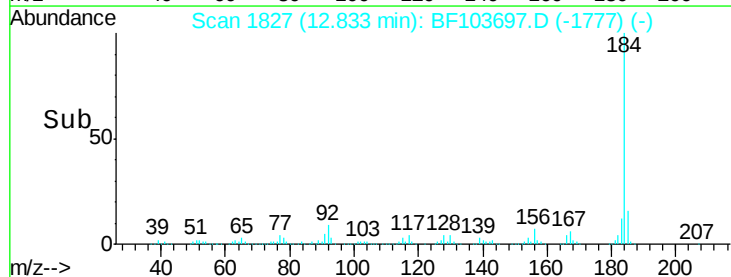
0

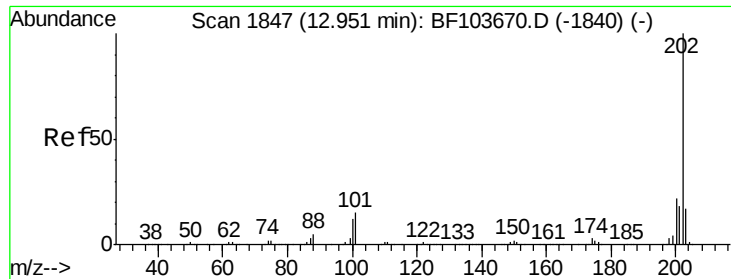
12.80

12.83

12.90

Time-->

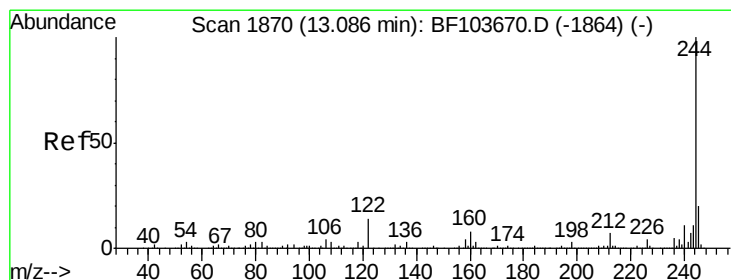
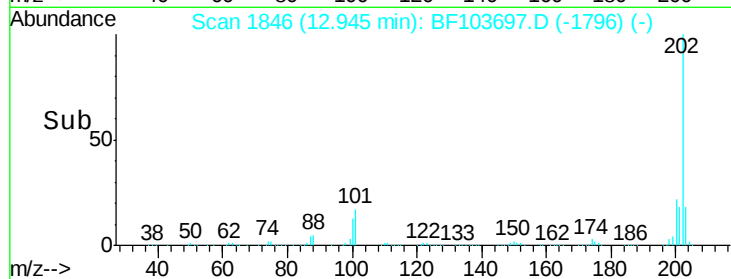
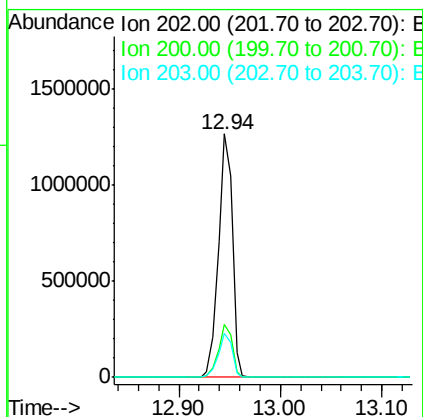
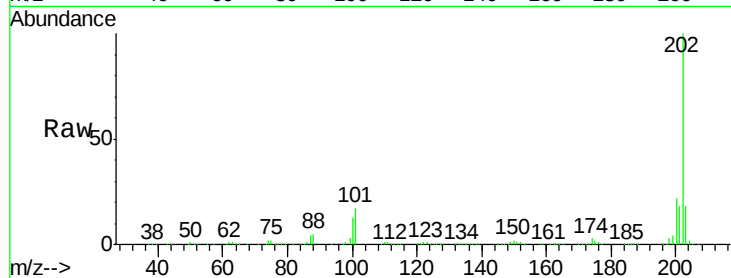




#77
Pvrene
Concen: 39.682 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

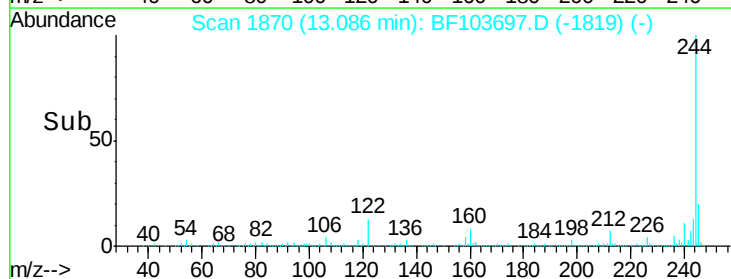
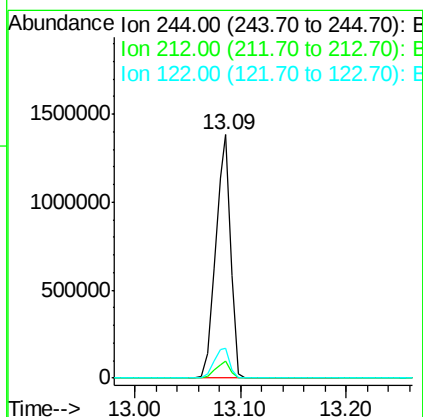
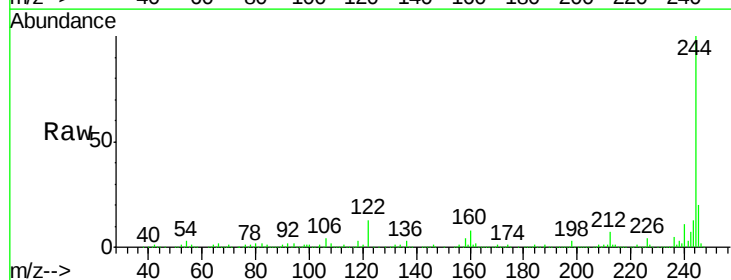
Instrument :
BNA_F
ClientSampleId :

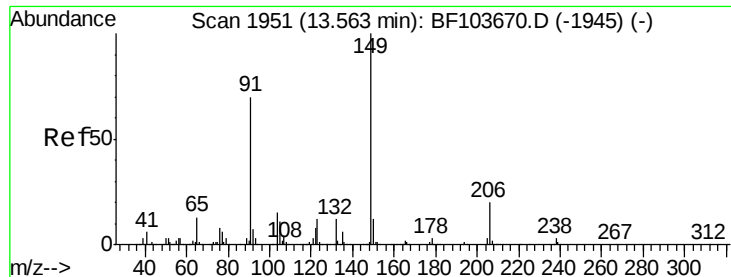
Tot Ion:202 Resp: 1201763
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 77.798 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion:244 Resp: 1382173
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 12.5 11.0 16.4

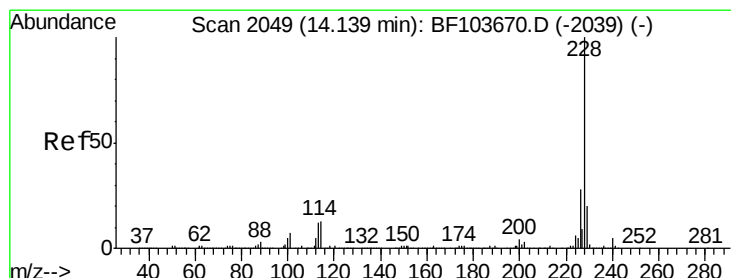
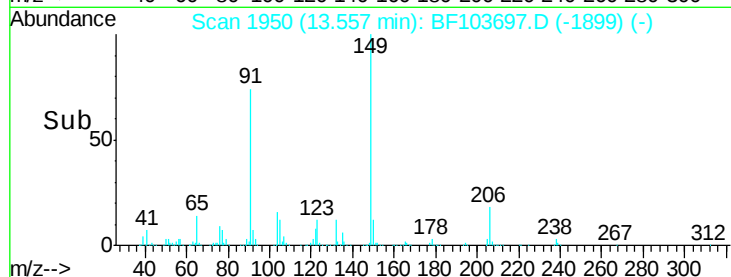
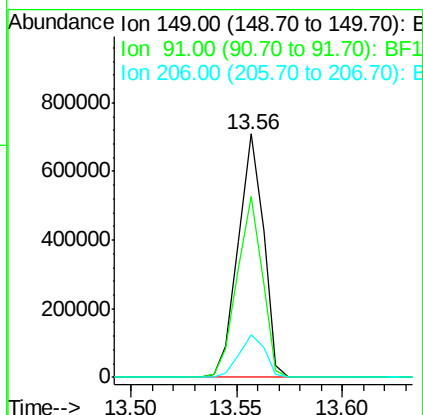
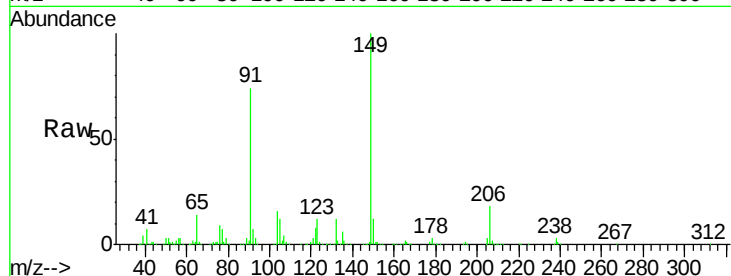




#79
Butylbenzylphthalate
Concen: 43.860 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

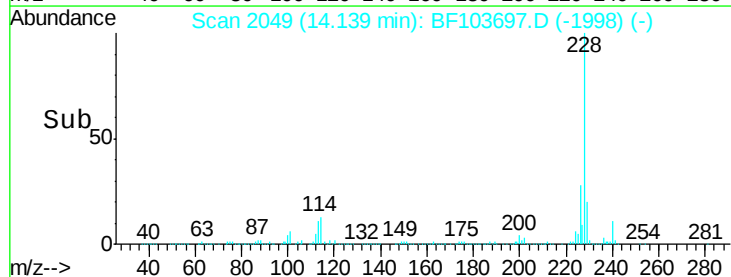
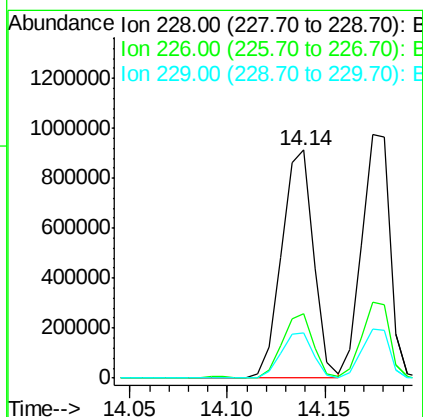
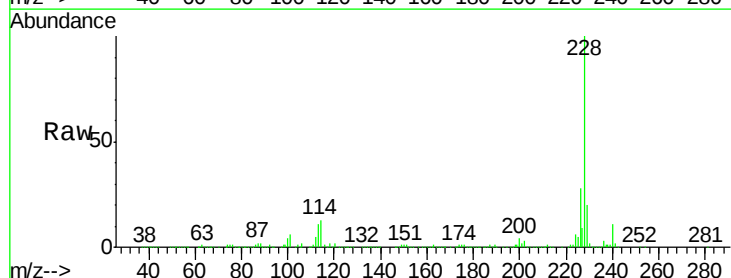
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 588508
Ion Ratio Lower Upper
149 100
91 74.2 56.8 85.2
206 17.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.547 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion:228 Resp: 1032310
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 19.8 15.8 23.6

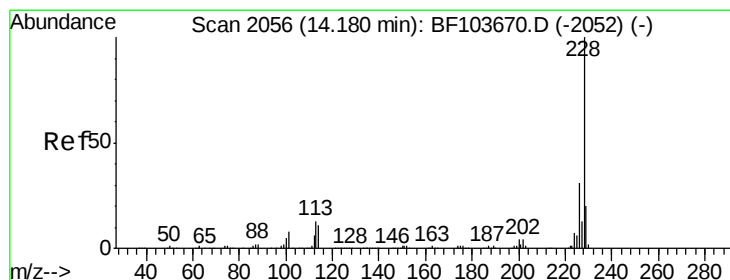
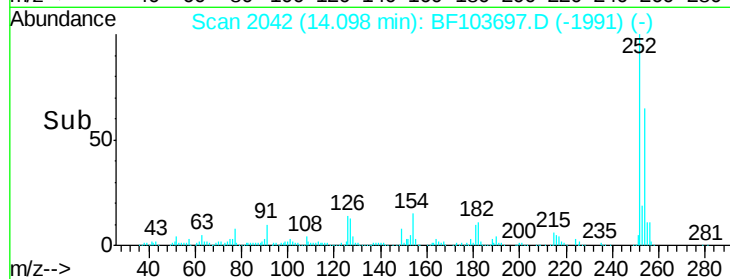
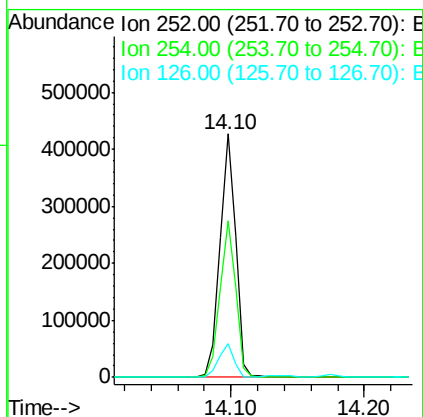
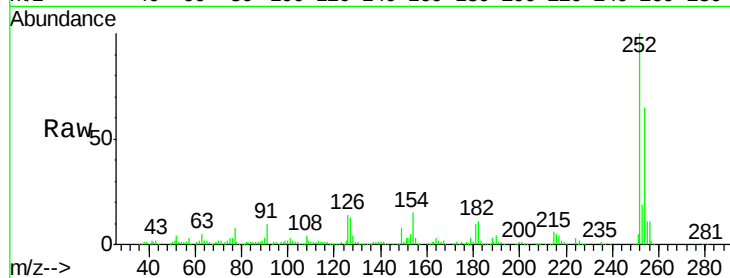




#81
 3,3'-Dichlorobenzidine
 Concen: 41.106 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

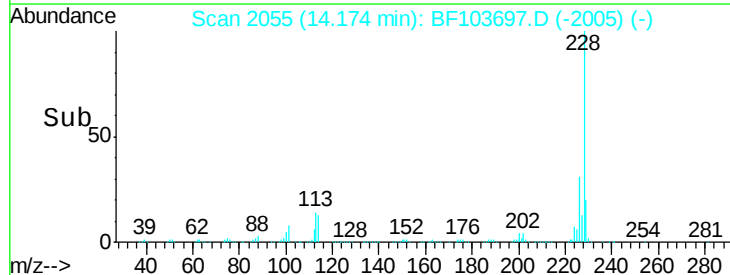
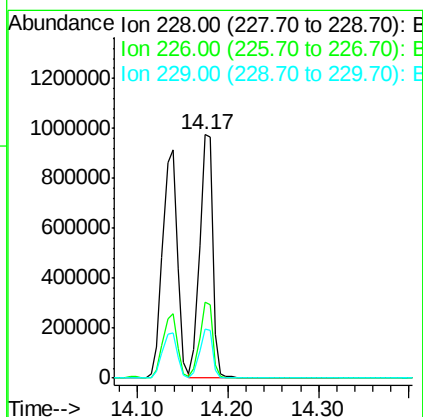
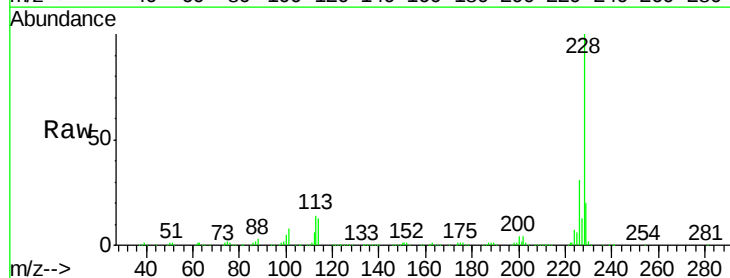
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 358913
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 13.8 11.3 16.9



#82
 Chrysene
 Concen: 39.764 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Tgt Ion:228 Resp: 989449
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 20.2 16.2 24.4

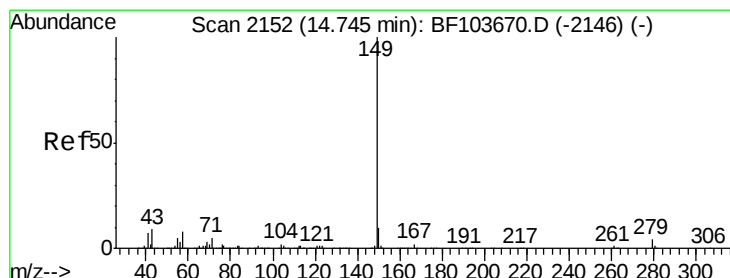
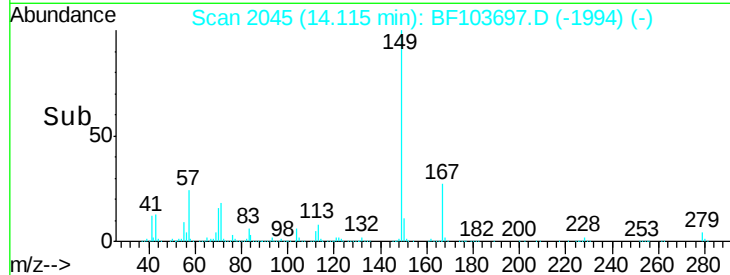
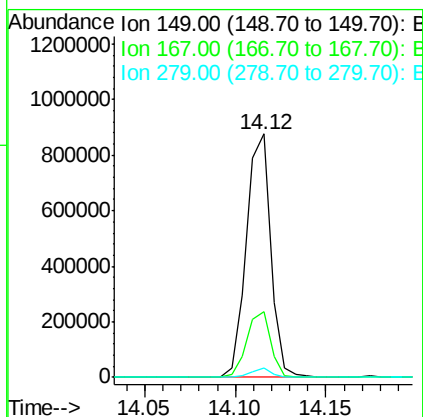
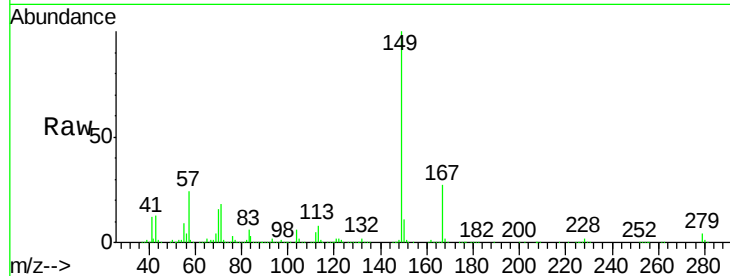




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.630 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

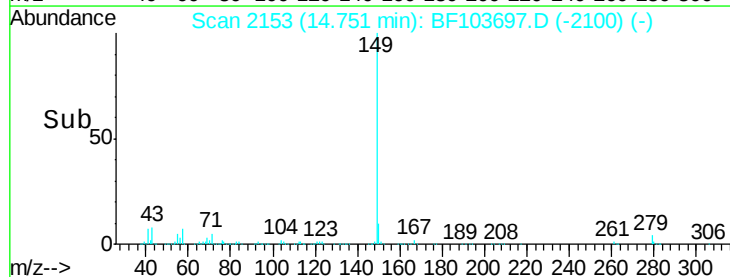
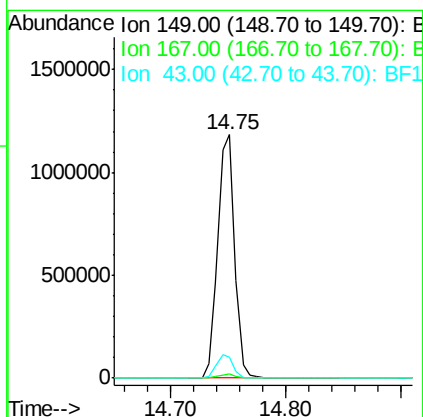
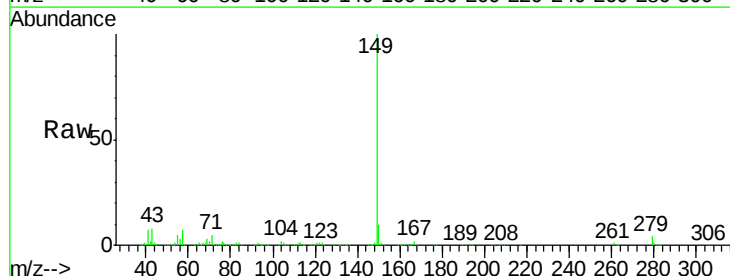
Instrument :
 BNA_F
 ClientSampled :

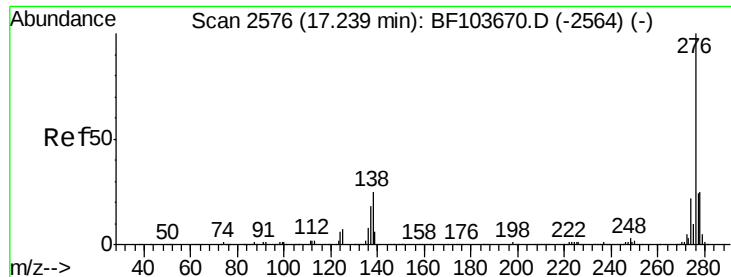
Tot Ion	149	Resp	817152
Ion Ratio	100	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.6	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 43.112 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BF103697.D
 Acq: 16 Mar 2018 15:32

Tgt Ion	149	Resp	1202242
Ion Ratio	100	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.4	8.4	12.6

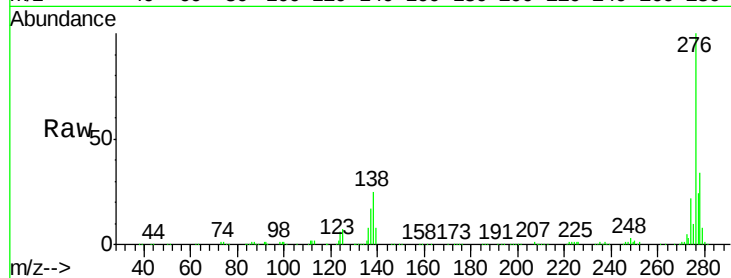




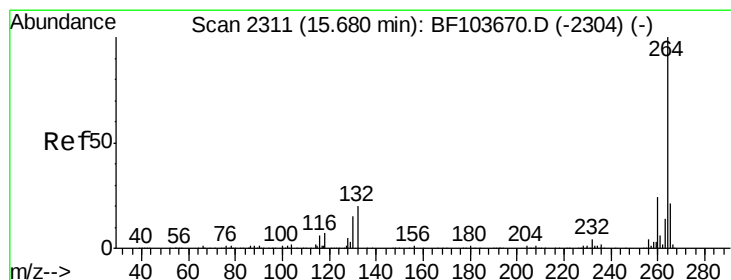
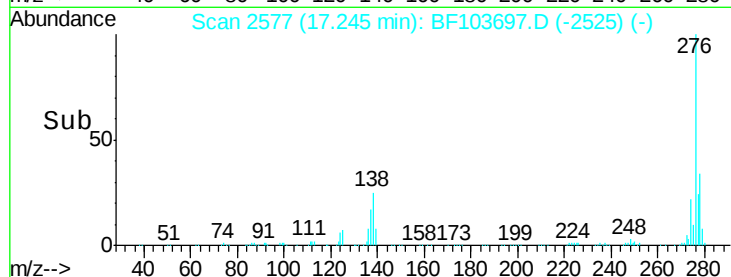
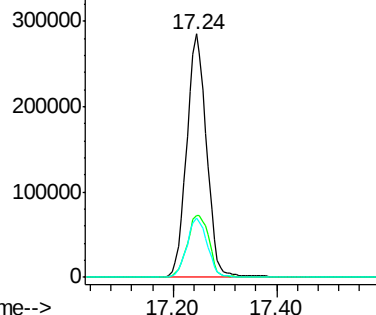
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.085 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 762404
Ion Ratio Lower Upper
276 100
138 28.3 25.0 37.6
277 25.1 20.1 30.1

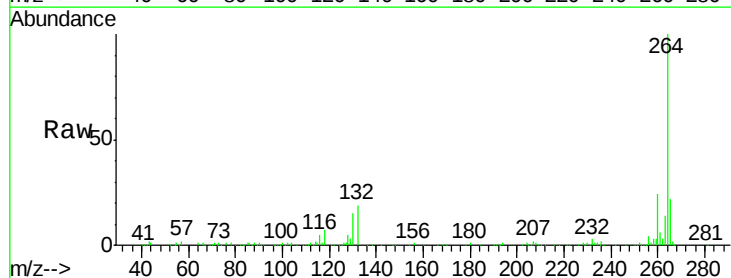


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

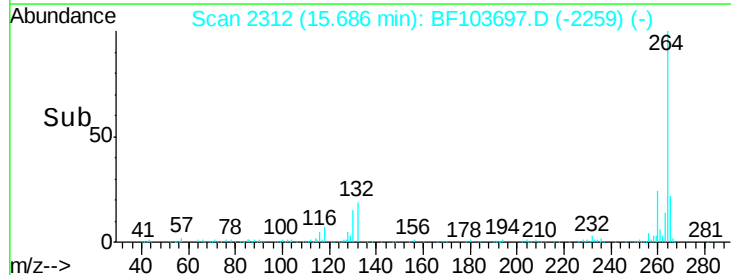
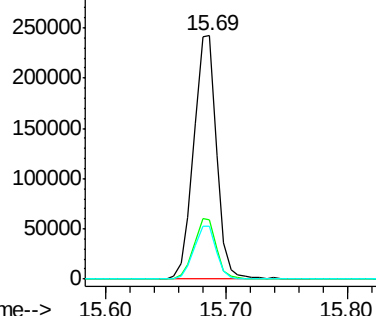


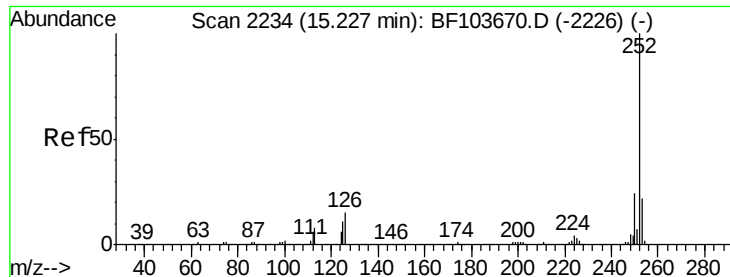
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion:264 Resp: 317635
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.6 17.5 26.3



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

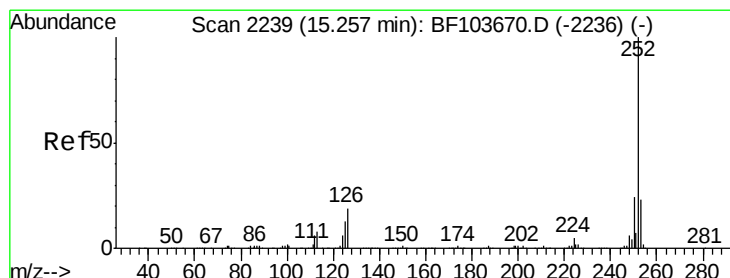
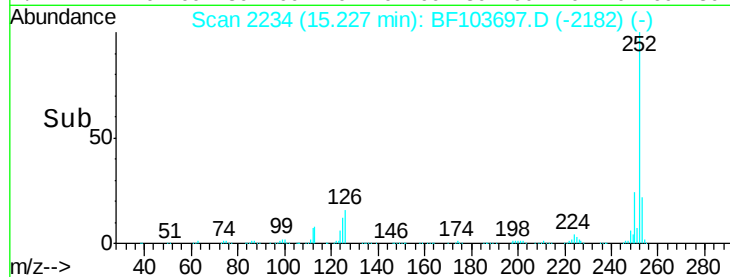
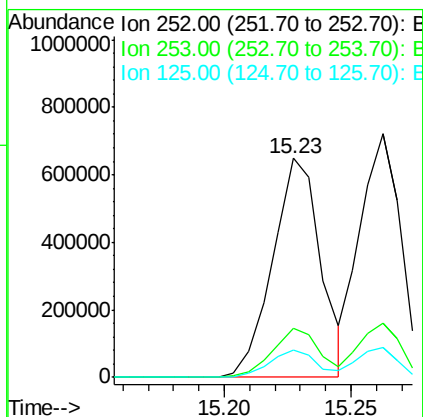
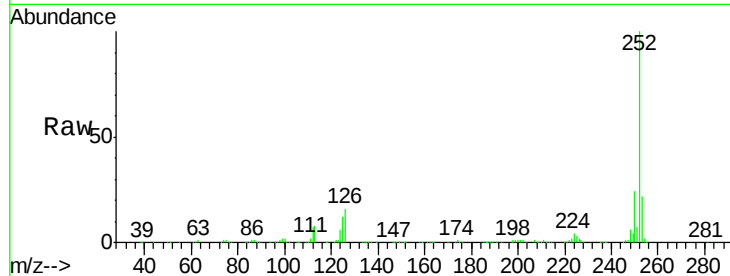




#87
Benzo(b)fluoranthene
Concen: 42.604 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

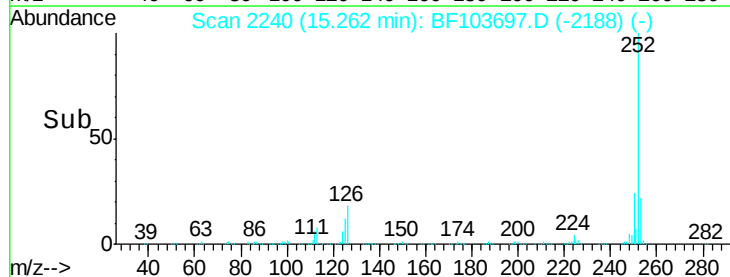
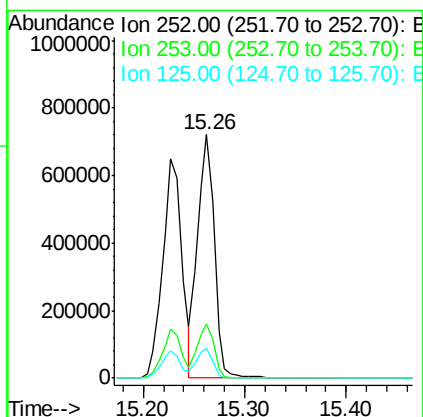
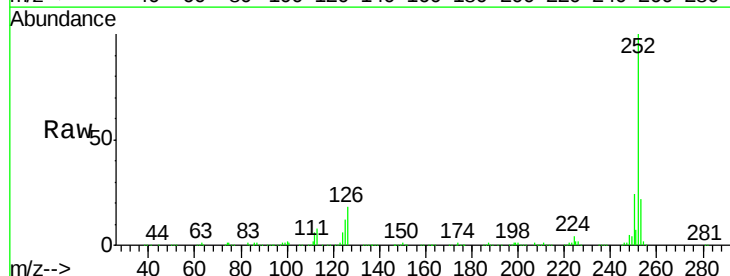
Instrument :
BNA_F
ClientSampleId :

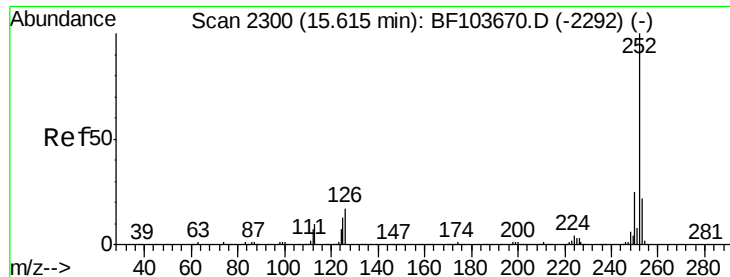
Tot Ion:252 Resp: 854959
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.831 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion:252 Resp: 826210
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.2 10.2 15.2

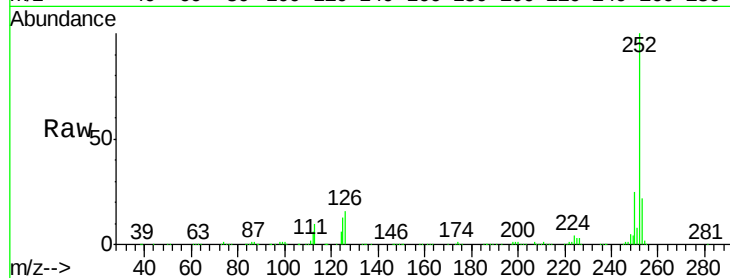




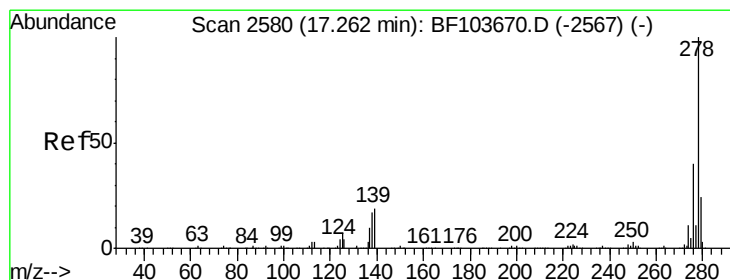
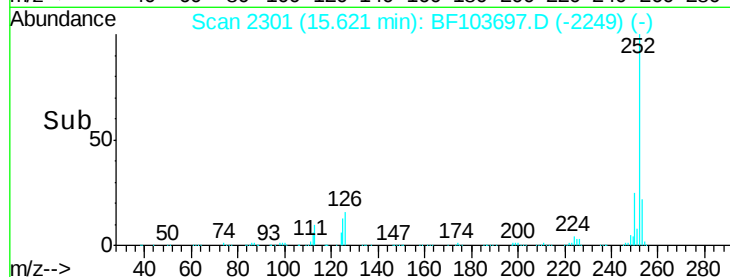
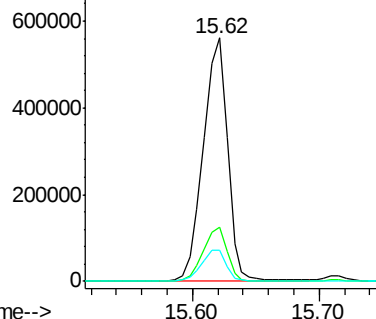
#89
Benzo(a)pyrene
Concen: 41.055 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 747249
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 12.8 9.8 14.6

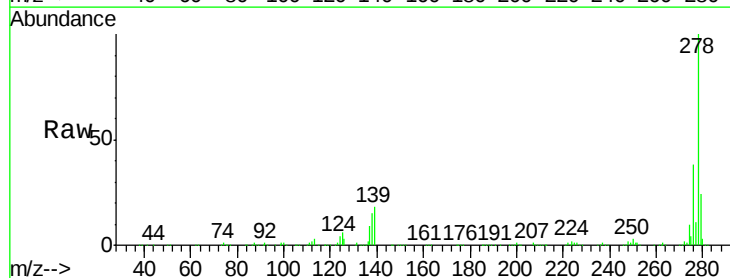


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

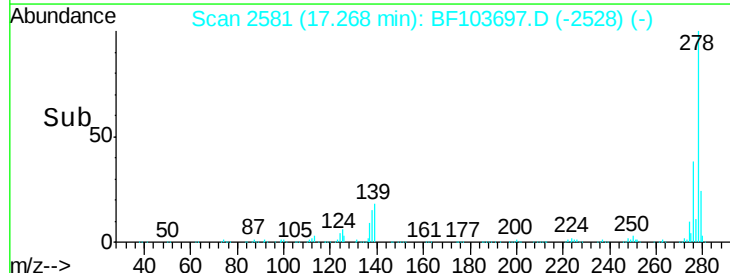
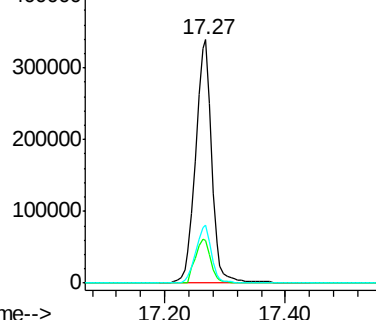


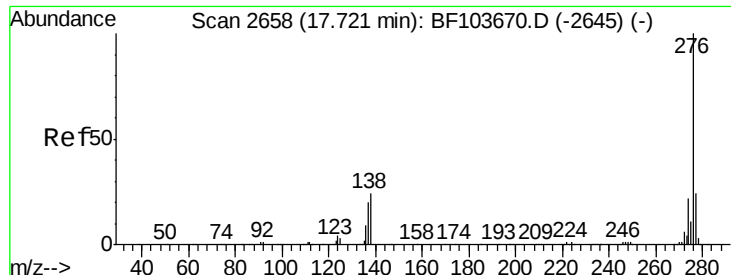
#90
Dibenzo(a,h)anthracene
Concen: 40.309 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.01 min
Lab File: BF103697.D
Acq: 16 Mar 2018 15:32

Tgt Ion:278 Resp: 635291
Ion Ratio Lower Upper
278 100
139 17.5 15.9 23.9
279 23.7 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 40.417 ng

RT: 17.72 min Scan# 2658

Delta R.T. 0.01 min

Lab File: BF103697.D

Acq: 16 Mar 2018 15:32

Instrument :

BNA_F

ClientSampleId :

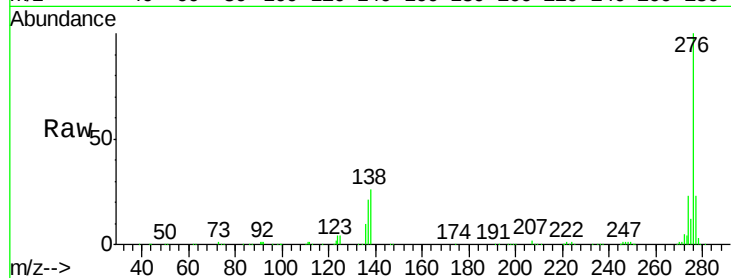
Tot Ion: 276 Resp: 619701

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 25.6 21.8 32.8



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

