

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103754.D
 Acq On : 19 Mar 2018 13:57
 Operator : JU/SJ
 Sample : J1750-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 16:49:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156047	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	648089	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	306009	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	554725	20.00	ng	0.00
75) Chrysene-d12	14.16	240	425402	20.00	ng	0.00
86) Perylene-d12	15.69	264	361285	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1243356	121.19	ng	0.02
7) Phenol-d6	6.60	99	1483721	118.21	ng	0.01
23) Nitrobenzene-d5	7.54	82	1045359	112.48	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	419886	159.59	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1733090	90.34	ng	0.00
78) Terphenyl-d14	13.10	244	1793748	97.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	189740	37.559	ng	# 76
3) Pyridine	3.72	79	426808	30.716	ng	87
4) n-Nitrosodimethylamine	3.67	42	214068	41.783	ng	# 76
6) Aniline	6.64	93	274042	15.290	ng	96
8) 2-Chlorophenol	6.76	128	504994	46.987	ng	95
9) Benzaldehyde	6.53	77	161848	19.627	ng	95
10) Phenol	6.62	94	553752	41.518	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	504088	45.782	ng	95
12) 1,3-Dichlorobenzene	6.92	146	525974	42.969	ng	99
13) 1,4-Dichlorobenzene	6.99	146	533923	43.407	ng	99
14) 1,2-Dichlorobenzene	7.15	146	496448	43.495	ng	99
15) Benzyl Alcohol	7.11	79	451501	46.426	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	687558	43.904	ng	93
17) 2-Methylphenol	7.22	107	436169	45.573	ng	98
18) Hexachloroethane	7.49	117	199926	46.208	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	348004	43.262	ng	91
20) 3+4-Methylphenols	7.37	107	514241	42.338	ng	94
22) Acetophenone	7.38	105	689158	41.375	ng	# 95
24) Nitrobenzene	7.56	77	555510	50.915	ng	97
25) Isophorone	7.79	82	1031107	47.928	ng	100
26) 2-Nitrophenol	7.87	139	281355	63.886	ng	96
27) 2,4-Dimethylphenol	7.90	122	491926	53.374	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	653295	50.148	ng	100
29) 2,4-Dichlorophenol	8.11	162	433920	51.749	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	437408	44.976	ng	99
31) Naphthalene	8.28	128	1528795	46.698	ng	100
32) Benzoic acid	8.00	122	175180	31.284	ng	98
33) 4-Chloroaniline	8.32	127	70091	5.103	ng	98
34) Hexachlorobutadiene	8.39	225	230440	43.217	ng	100
35) Caprolactam	8.70	113	65060	22.533	ng	89
36) 4-Chloro-3-methylphenol	8.80	107	475639	51.455	ng	98
37) 2-Methylnaphthalene	8.97	142	994200	47.888	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	393113	45.030	ng	98
40) Hexachlorocyclopentadiene	9.12	237	438583	97.360	ng	99

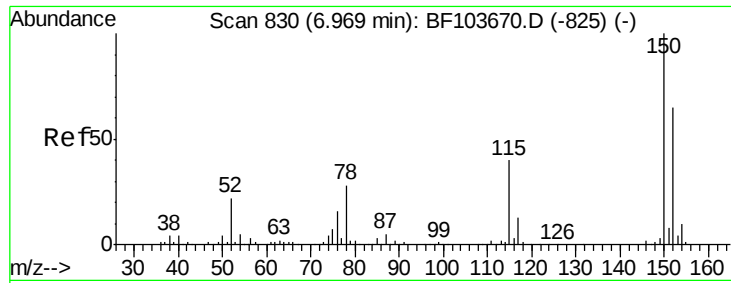
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103754.D
 Acq On : 19 Mar 2018 13:57
 Operator : JU/SJ
 Sample : J1750-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 16:49:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	298979	53.542	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	319041	50.621	ng	98
45) 1,1'-Biphenyl	9.43	154	1136704	44.547	ng	99
46) 2-Chloronaphthalene	9.46	162	906301	44.718	ng	99
47) 2-Nitroaniline	9.56	65	297125	54.900	ng	94
48) Acenaphthylene	9.88	152	1382034	43.975	ng	99
49) Dimethylphthalate	9.73	163	1115796	47.792	ng	99
50) 2,6-Dinitrotoluene	9.80	165	254680	55.694	ng	95
51) Acenaphthene	10.05	154	919156	49.256	ng	99
52) 3-Nitroaniline	9.96	138	126147	25.268	ng	98
53) 2,4-Dinitrophenol	10.07	184	166919	100.084	ng	# 20
54) Dibenzofuran	10.22	168	1246364	46.765	ng	97
55) 4-Nitrophenol	10.13	139	423082	97.801	ng	94
56) 2,4-Dinitrotoluene	10.20	165	342488	58.322	ng	98
57) Fluorene	10.57	166	948434	45.860	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	255984	57.320	ng	95
59) Diethylphthalate	10.43	149	1069395	46.150	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	438108	46.353	ng	95
61) 4-Nitroaniline	10.59	138	289184	54.924	ng	93
62) Azobenzene	10.72	77	1041356	44.202	ng	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	132510	58.697	ng	# 75
65) n-Nitrosodiphenylamine	10.67	169	893857	47.339	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	276388	48.527	ng	96
67) Hexachlorobenzene	11.12	284	306992	47.225	ng	94
68) Atrazine	11.20	200	290013	49.652	ng	99
69) Pentachlorophenol	11.31	266	319443	85.475	ng	96
70) Phenanthrene	11.53	178	1405147	46.306	ng	100
71) Anthracene	11.59	178	1439234	46.698	ng	100
72) Carbazole	11.74	167	1381117	46.106	ng	99
73) Di-n-butylphthalate	12.06	149	1688871	46.987	ng	100
74) Fluoranthene	12.73	202	1479762	47.334	ng	100
76) Benzidine	12.84	184	148330	8.175	ng	97
77) Pyrene	12.96	202	1479947	47.372	ng	100
79) Butylbenzylphthalate	13.56	149	740373	53.489	ng	97
80) Benzo(a)anthracene	14.15	228	1325625	49.229	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	160829	17.856	ng	99
82) Chrysene	14.19	228	1211718	47.205	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	1021941	51.682	ng	99
84) Di-n-octyl phthalate	14.74	149	1672986	58.156	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	1029489	45.925	ng	98
87) Benzo(b)fluoranthene	15.24	252	1235009	54.107	ng	97
88) Benzo(k)fluoranthene	15.27	252	1017798	46.388	ng	99
89) Benzo(a)pyrene	15.63	252	1056034	51.010	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	842640	47.006	ng	99
91) Benzo(g,h,i)perylene	17.76	276	865374	49.621	ng	97

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

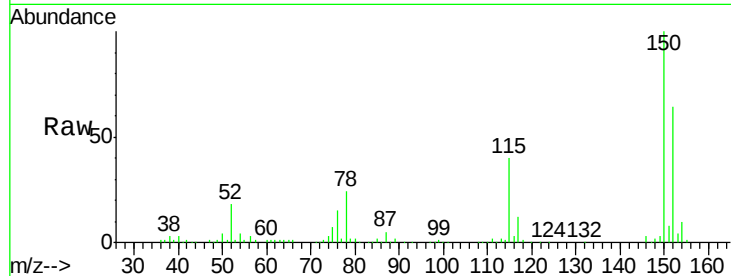


#1

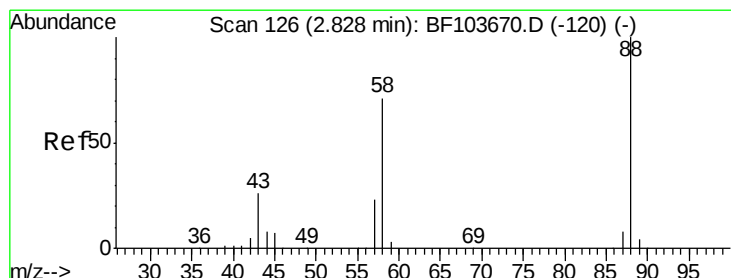
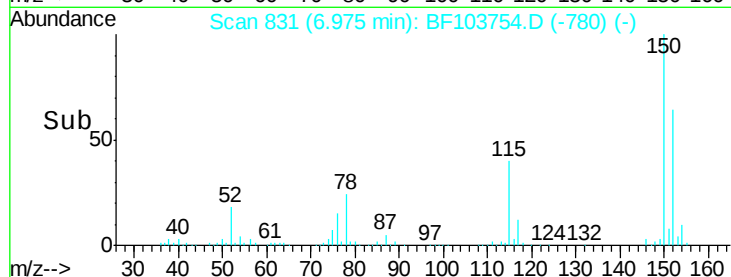
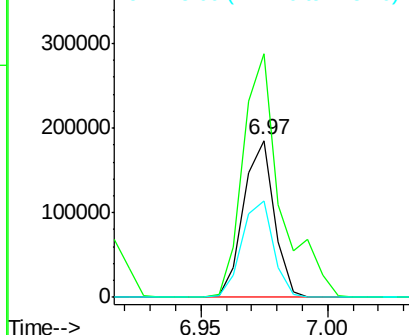
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	61.3	50.1	75.1



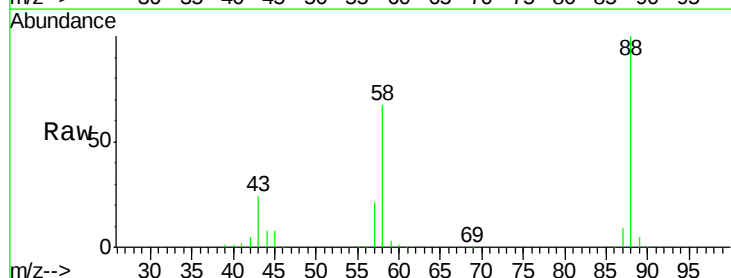
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



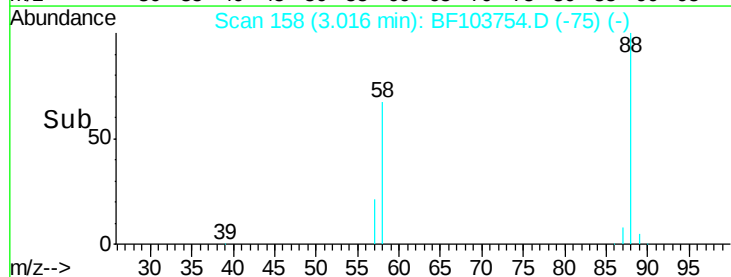
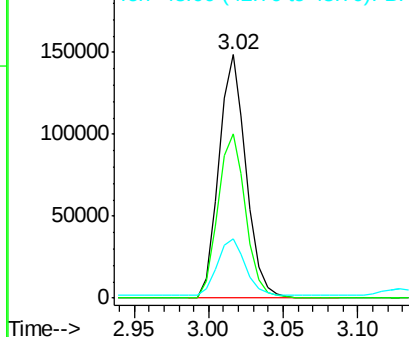
#2

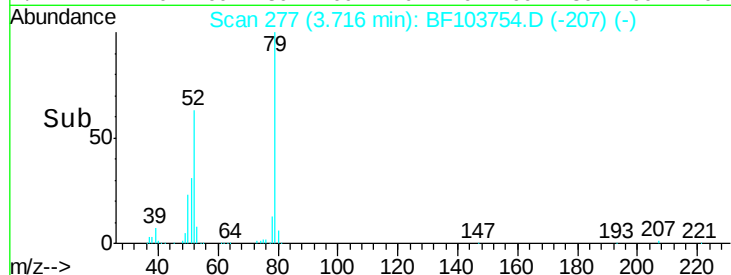
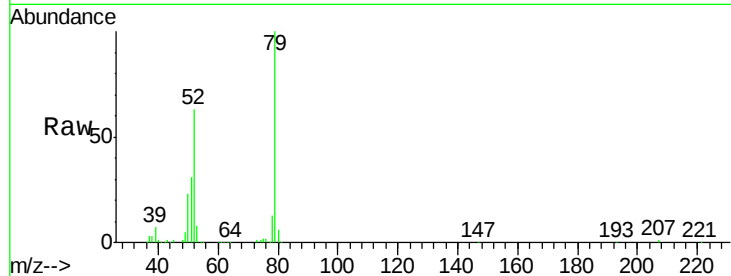
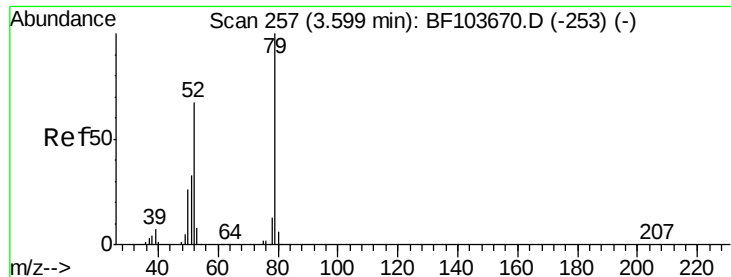
1,4-Dioxane
Concen: 37.559 ng
RT: 3.02 min Scan# 158
Delta R.T. 0.19 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	62.6	93.8
43	0.0	24.6	37.0



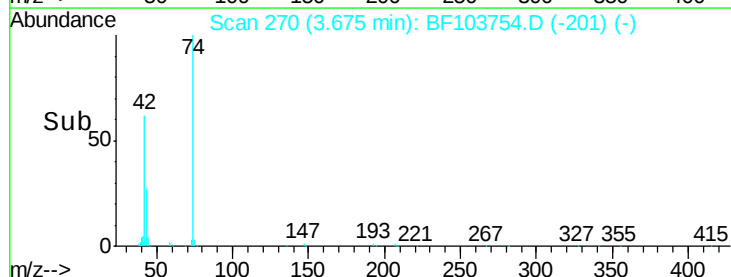
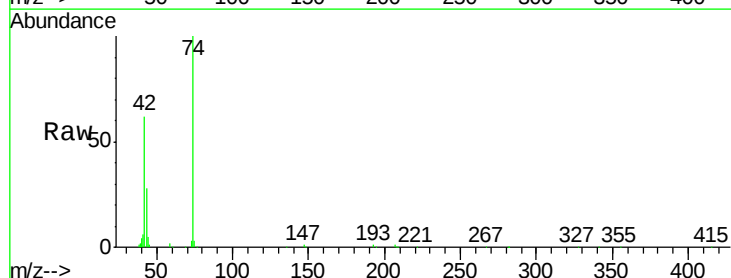
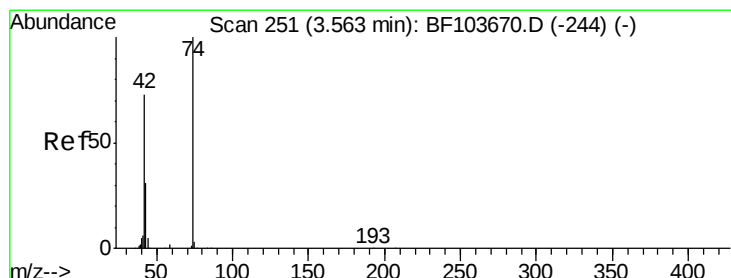
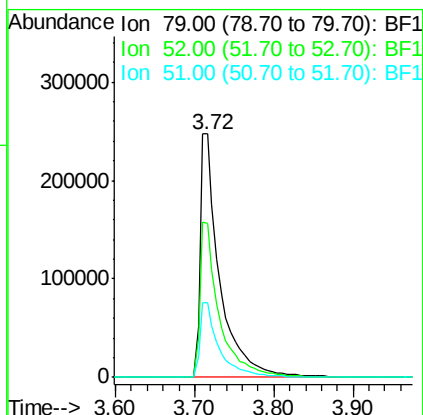
Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





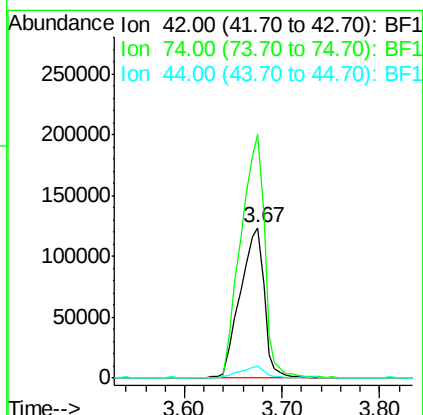
#3
 Pvridine
 Concen: 30.716 ng
 RT: 3.72 min Scan# 277
 Delta R.T. 0.11 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

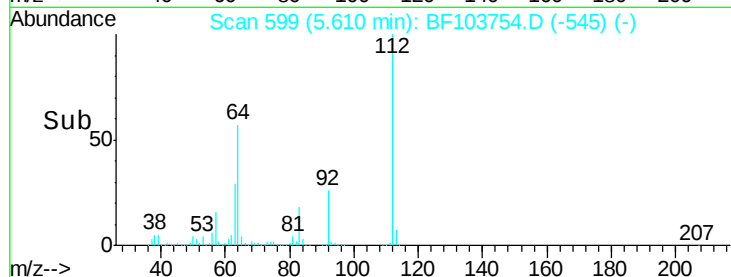
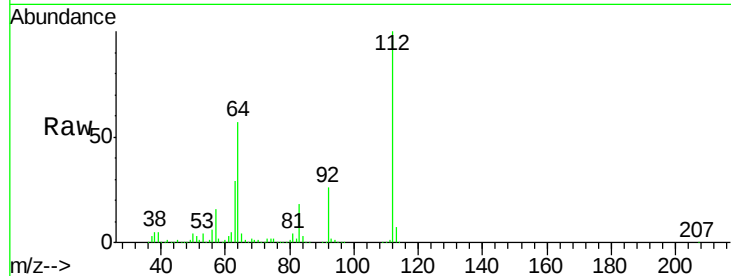
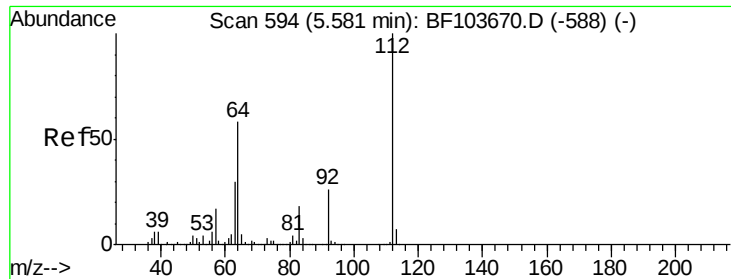
Tot Ion	Ratio	Lower	Upper
79	100		
52	63.1	59.8	89.6
51	30.8	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 41.783 ng
 RT: 3.67 min Scan# 270
 Delta R.T. 0.11 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.5	104.9	157.3#
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 121.190 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.02 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampled :

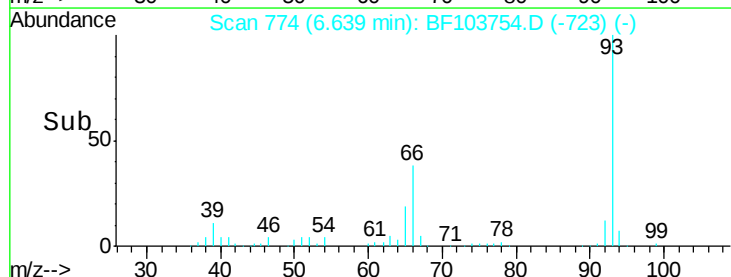
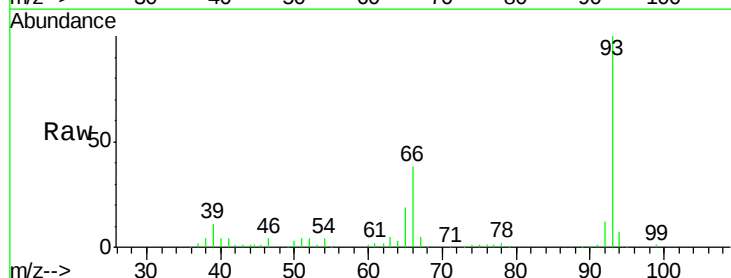
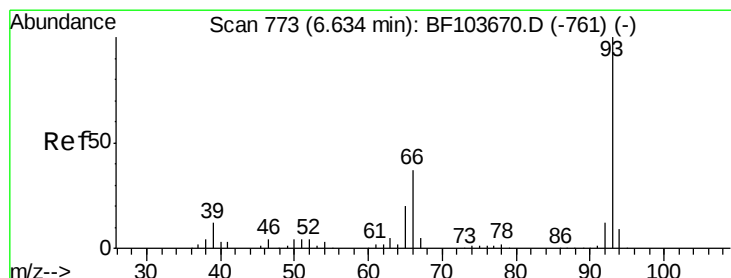
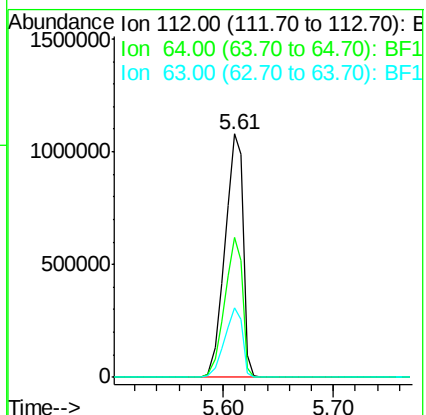
Tot Ion:112 Resp: 1243356

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

63 28.8 23.7 35.5



#6

Aniline

Concen: 15.290 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

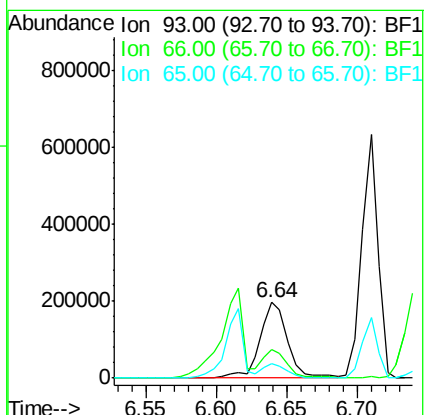
Tgt Ion: 93 Resp: 274042

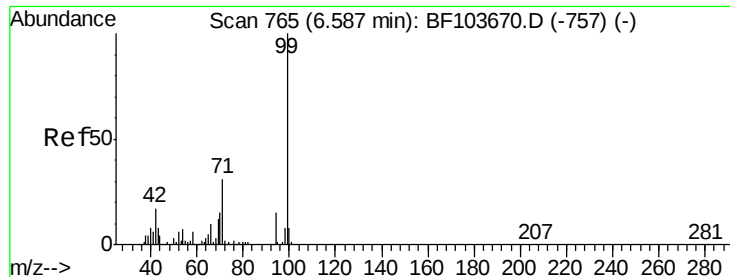
Ion Ratio Lower Upper

93 100

66 37.6 32.2 48.2

65 18.7 16.4 24.6





#7

Phenol-d6

Concen: 118.208 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampled :

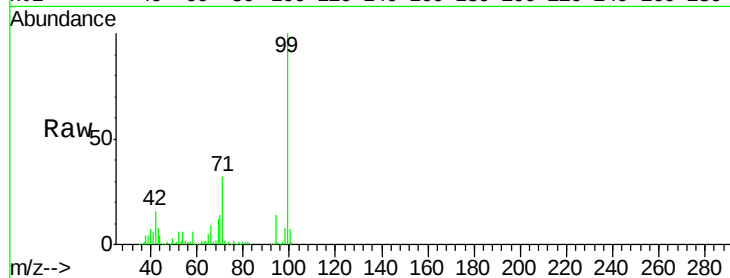
Tot Ion: 99 Resp: 1483721

Ion Ratio Lower Upper

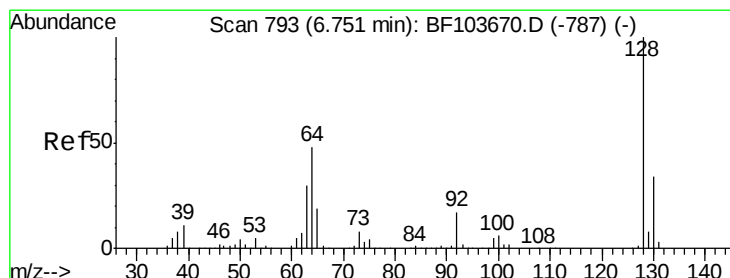
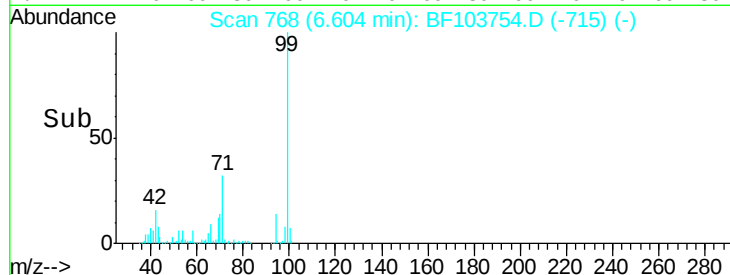
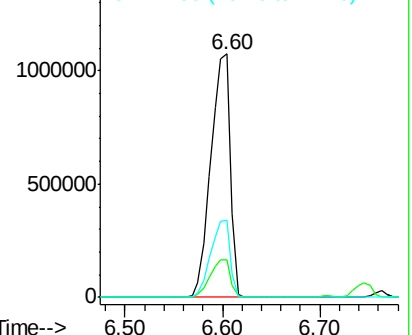
99 100

42 15.6 14.5 21.7

71 32.0 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: 46.987 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

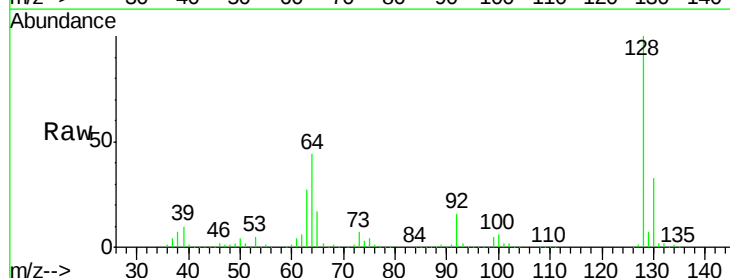
Tgt Ion: 128 Resp: 504994

Ion Ratio Lower Upper

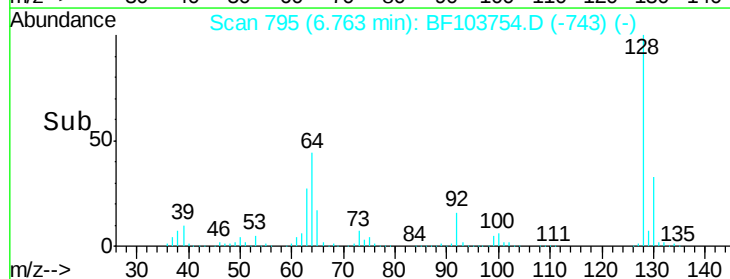
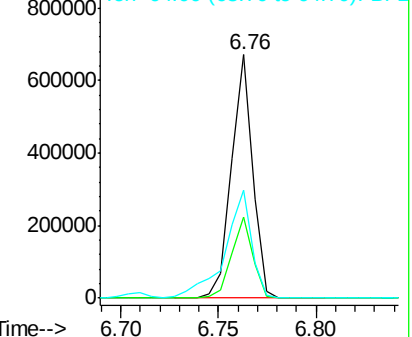
128 100

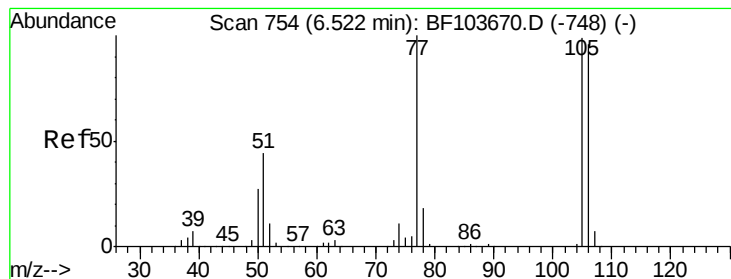
130 33.2 13.0 53.0

64 44.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 19.627 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

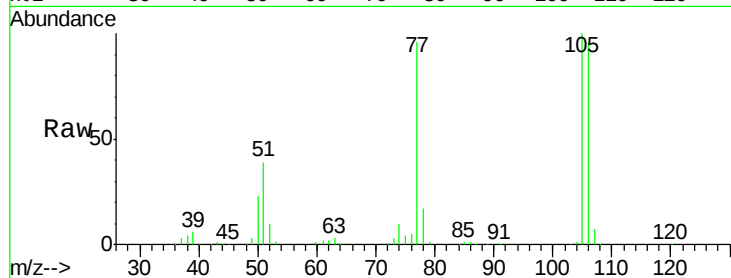
Tot Ion: 77 Resp: 161848

Ion Ratio Lower Upper

77 100

105 104.6 81.1 121.1

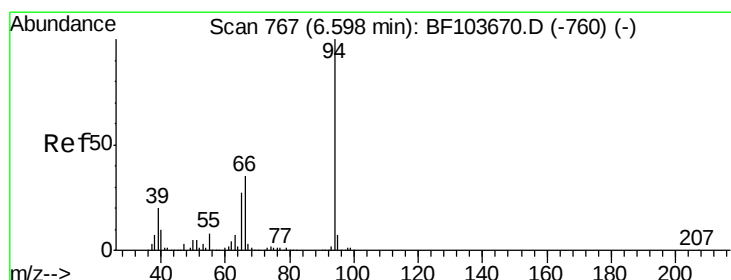
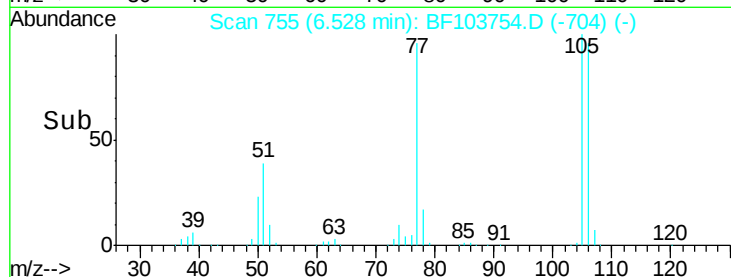
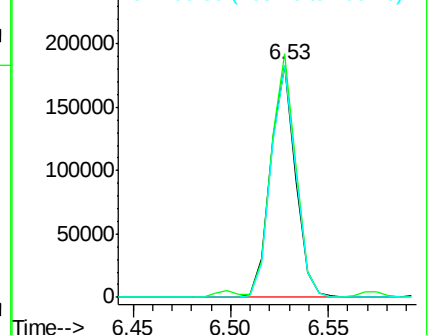
106 99.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.518 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

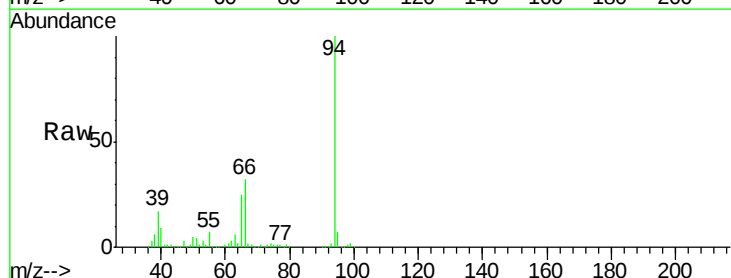
Tgt Ion: 94 Resp: 553752

Ion Ratio Lower Upper

94 100

65 25.1 7.9 47.9

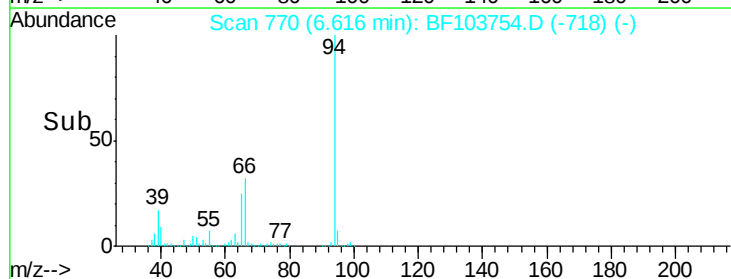
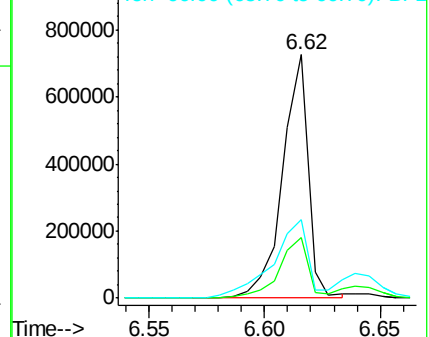
66 32.4 16.2 56.2

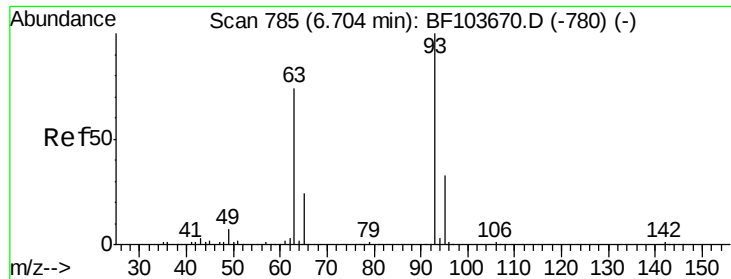


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

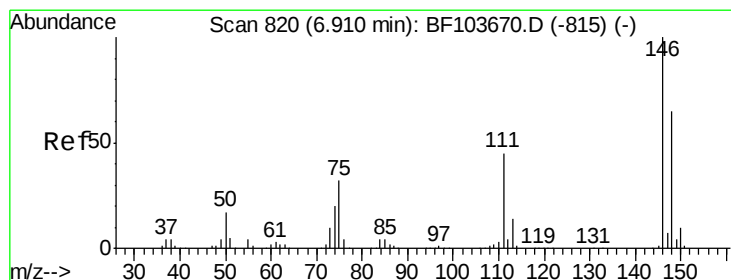
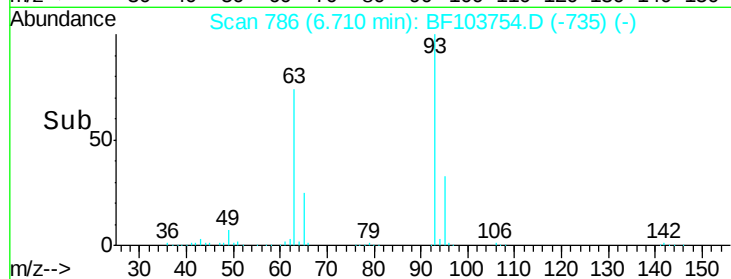
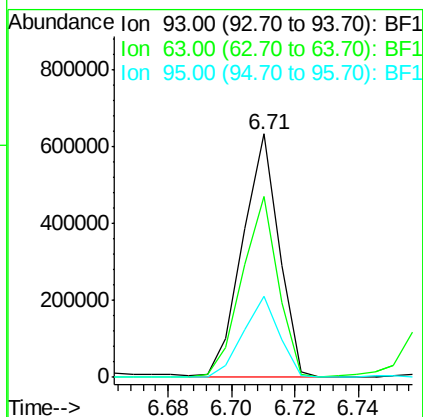
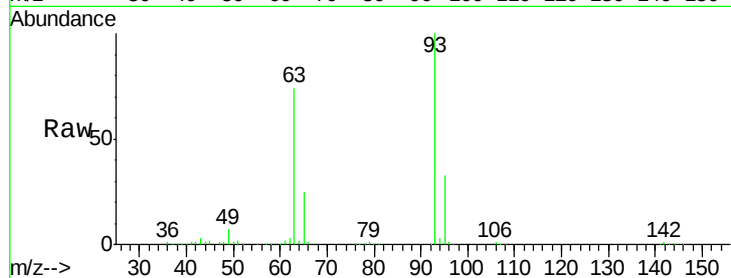




#11
bis(2-Chloroethyl)ether
Concen: 45.782 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

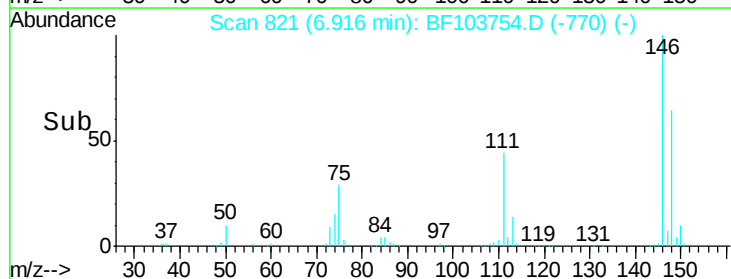
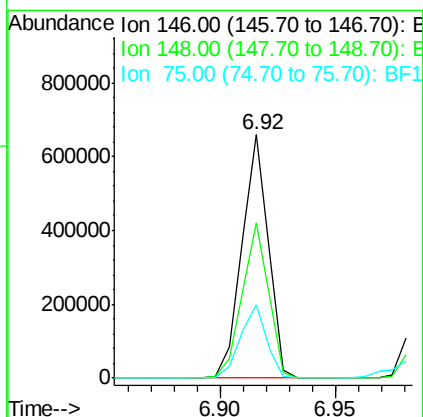
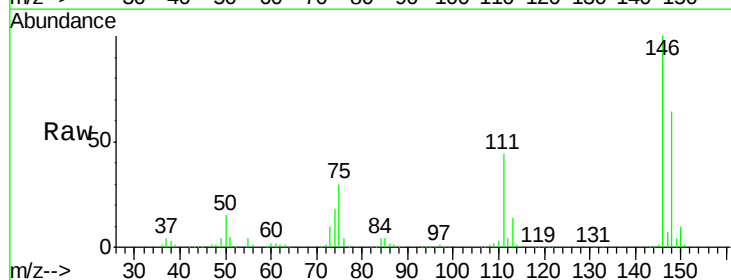
Instrument :
BNA_F
ClientSampleId :

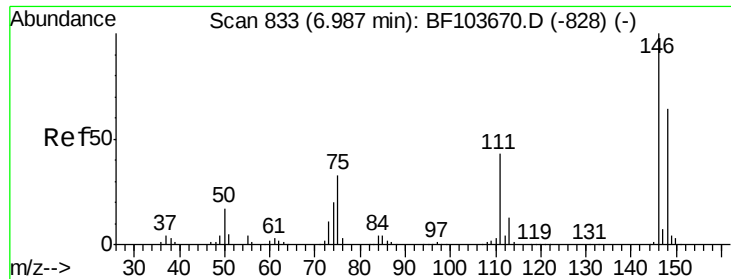
Tot Ion: 93 Resp: 504088
Ion Ratio Lower Upper
93 100
63 74.1 58.6 98.6
95 33.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.969 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion: 146 Resp: 525974
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 30.2 24.2 36.4

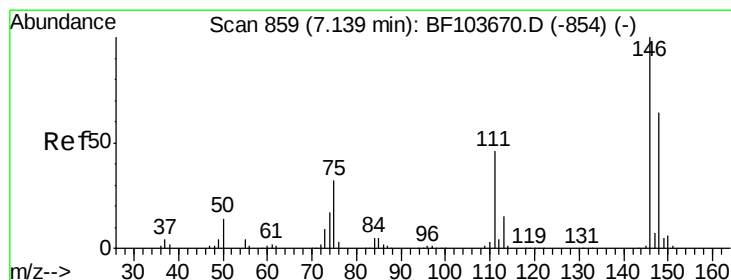
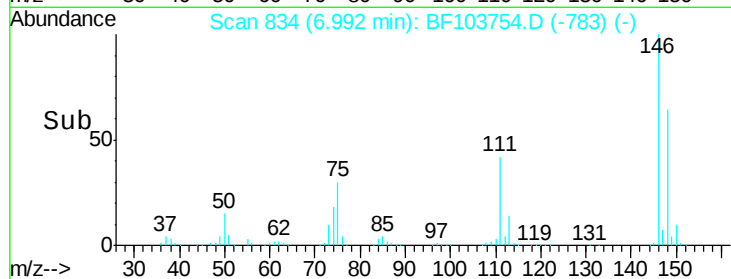
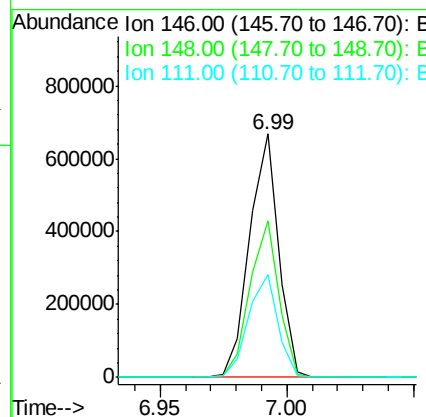
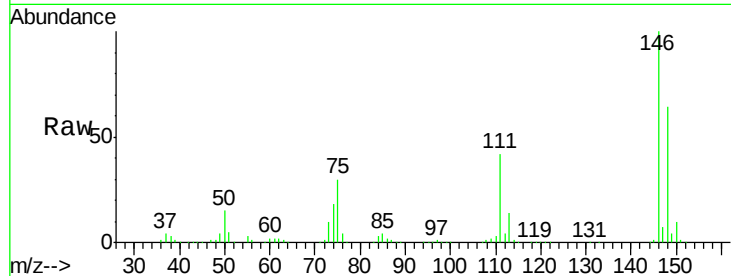




#13
 1,4-Dichlorobenzene
 Concen: 43.407 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

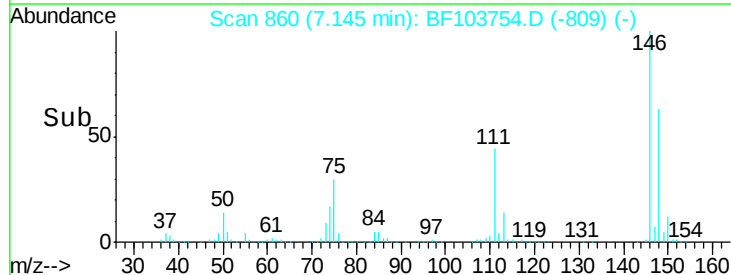
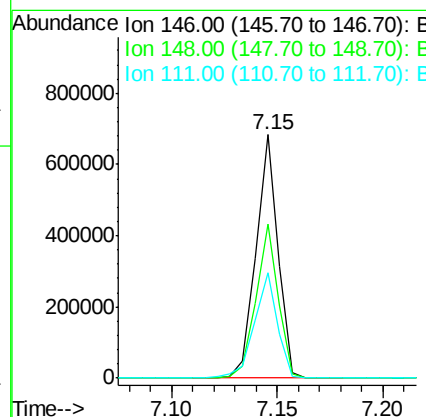
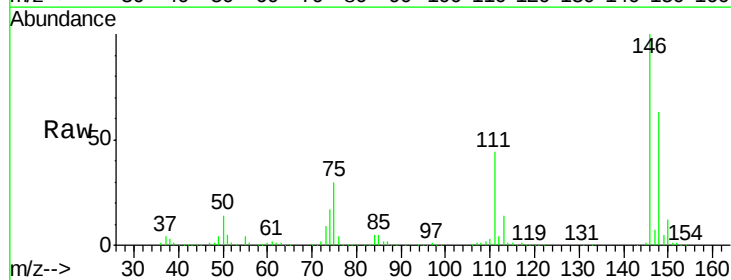
Instrument :
 BNA_F
 ClientSampleId :

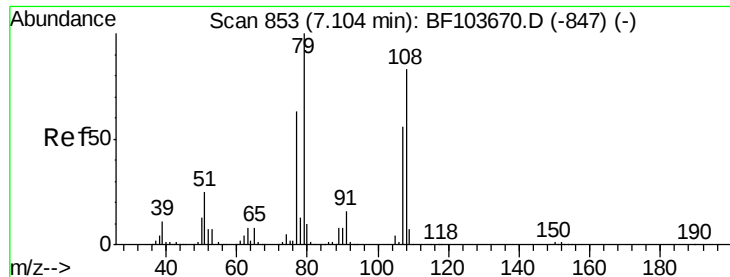
Tot Ion:146 Resp: 533923
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 42.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.495 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion:146 Resp: 496448
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 43.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 46.426 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

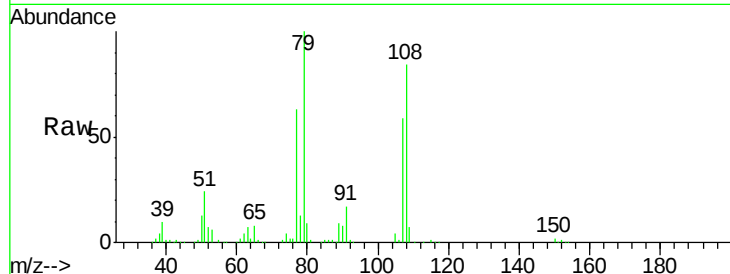
Tot Ion: 79 Resp: 451501

Ion Ratio Lower Upper

79 100

108 84.0 65.1 97.7

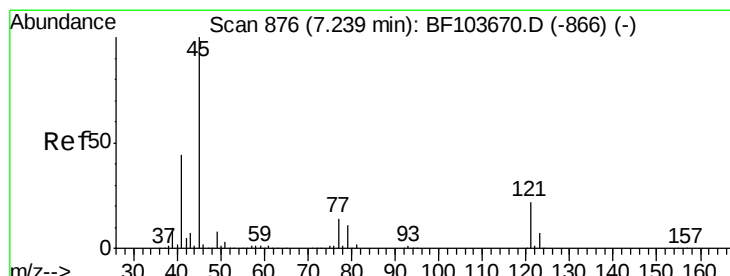
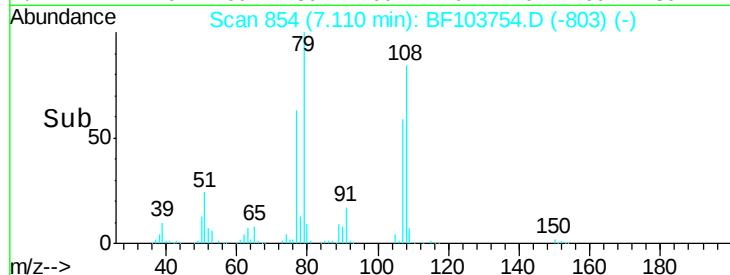
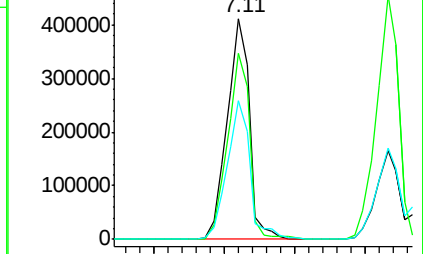
77 62.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.904 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

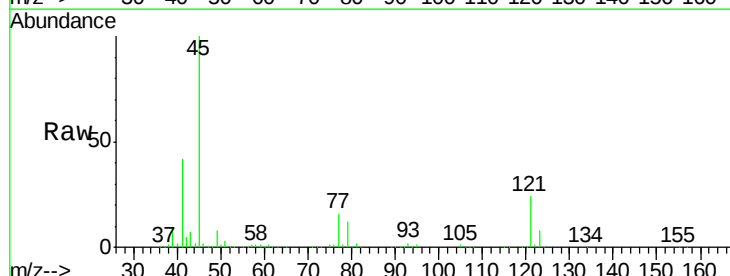
Tgt Ion: 45 Resp: 687558

Ion Ratio Lower Upper

45 100

77 15.9 0.0 32.9

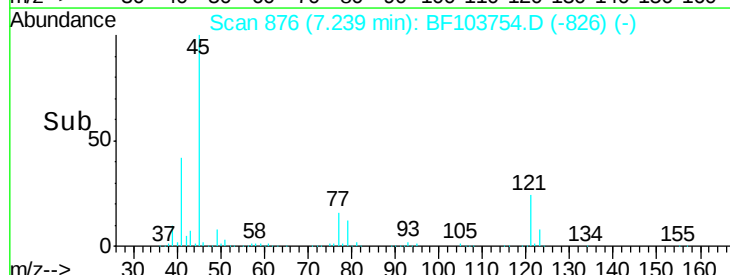
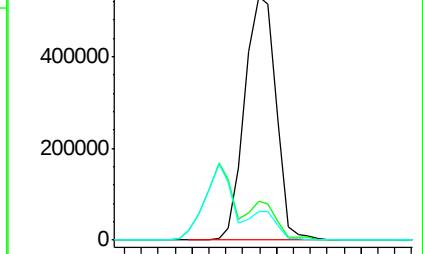
79 11.6 0.0 29.6

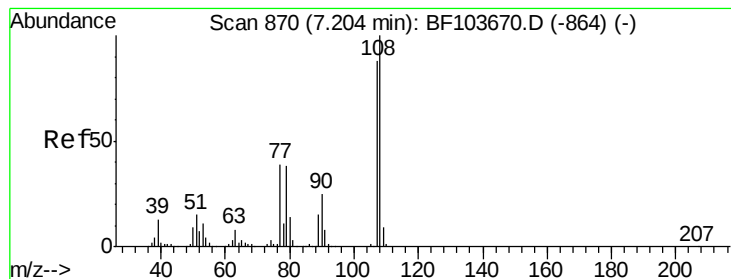


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 45.573 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 436169

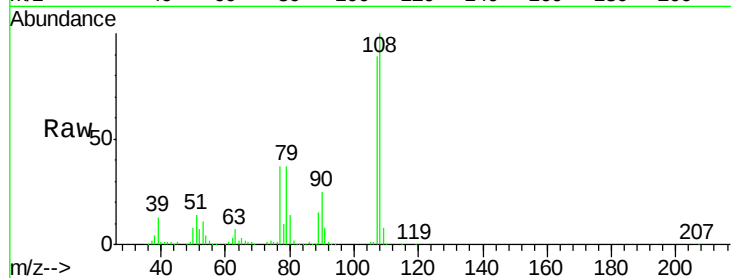
Ion Ratio Lower Upper

107 100

108 111.8 91.7 137.5

77 41.8 33.8 50.8

79 40.8 33.8 50.8

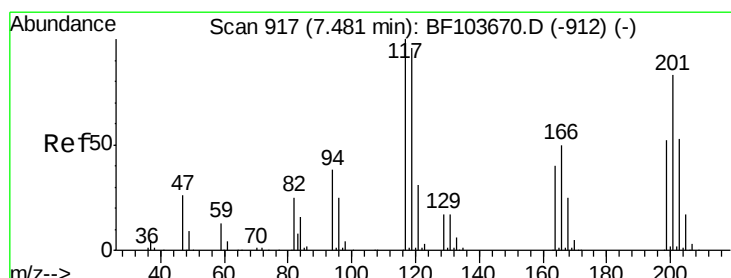
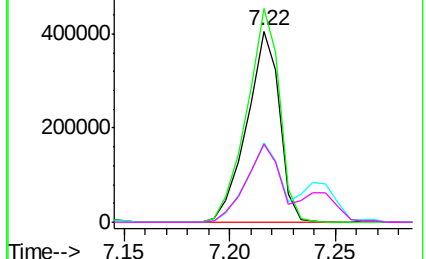
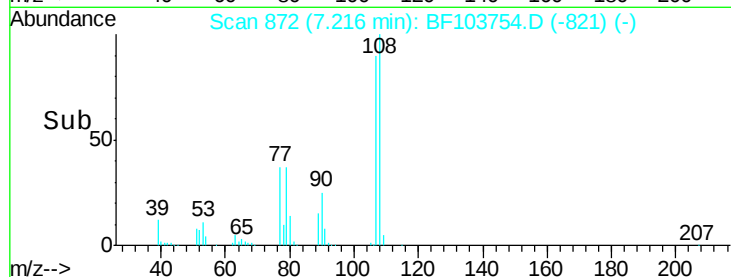


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.208 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

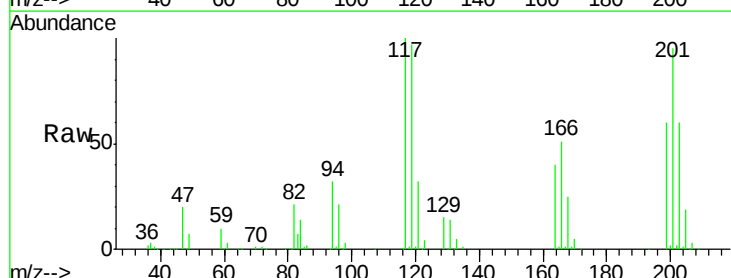
Tgt Ion:117 Resp: 199926

Ion Ratio Lower Upper

117 100

119 97.2 75.8 113.8

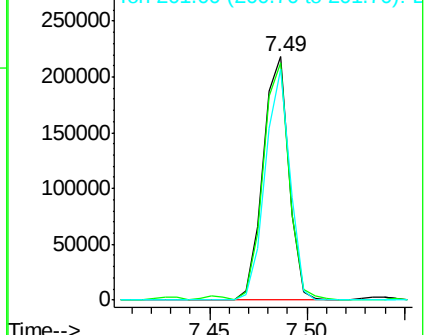
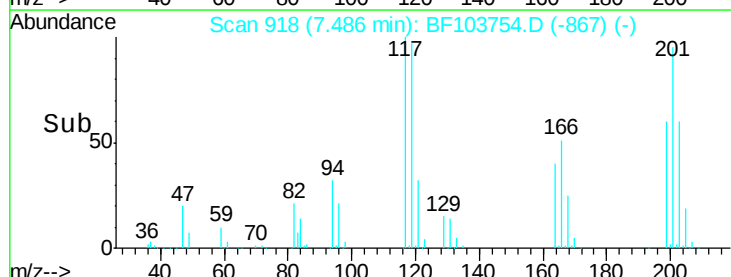
201 95.0 75.7 113.5

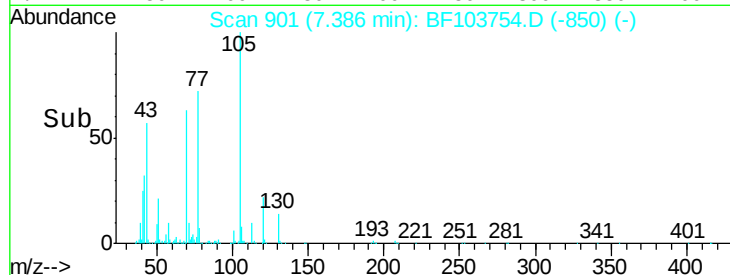
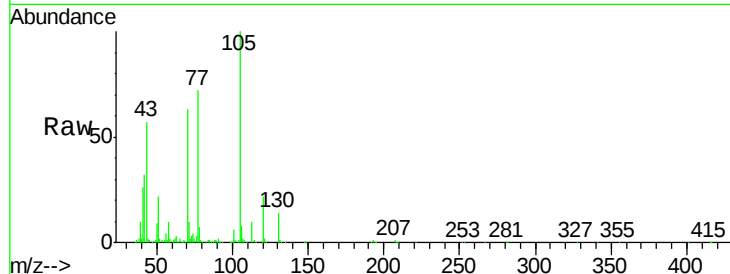
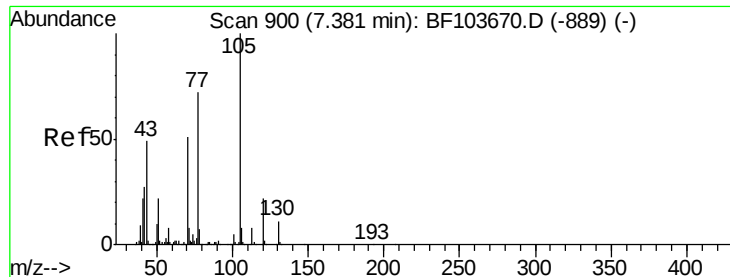


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

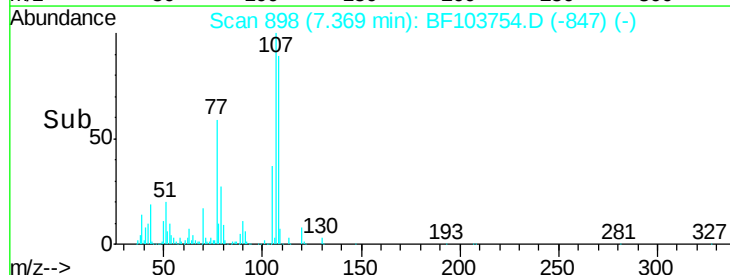
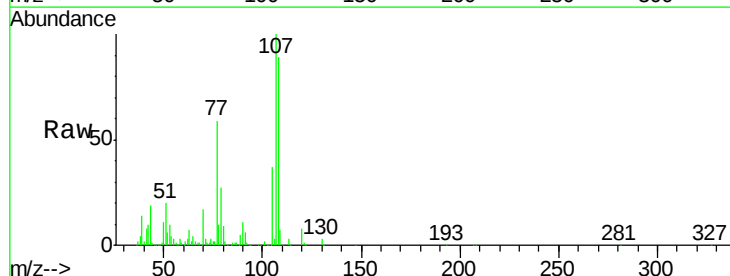
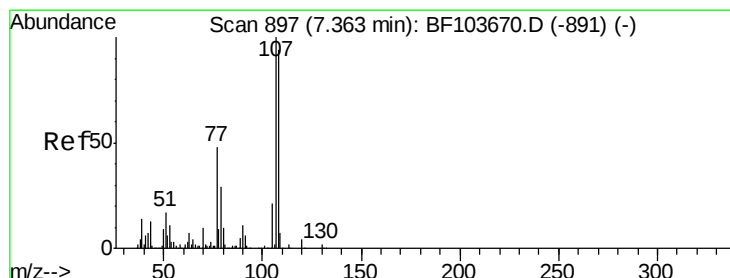
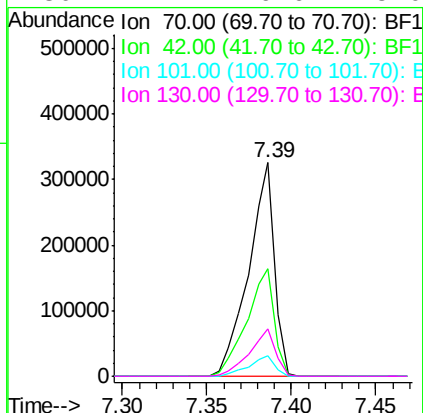




#19
n-Nitroso-di-n-propylamine
Concen: 43.262 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

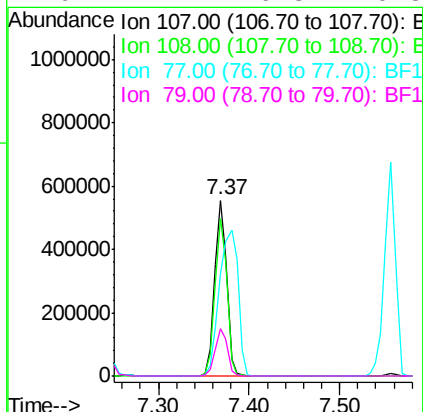
Instrument :
BNA_F
ClientSampleId :

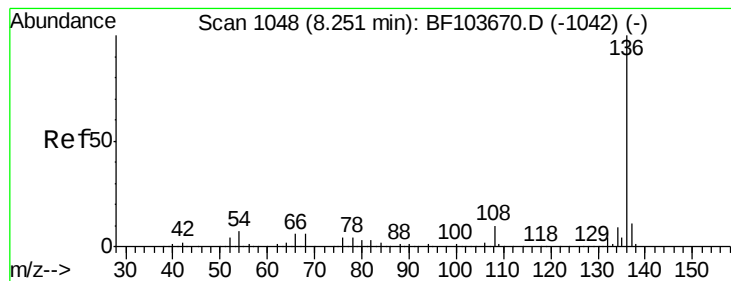
Tot Ion: 70 Resp: 348004
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 9.8 7.4 11.2
130 22.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.338 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:107 Resp: 514241
Ion Ratio Lower Upper
107 100
108 89.5 68.2 108.2
77 58.6 26.7 66.7
79 27.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 648089

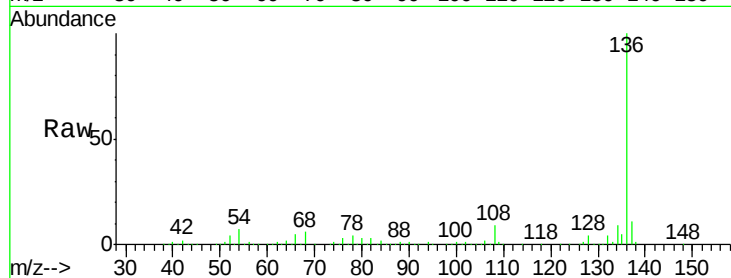
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 6.3 5.0 7.4

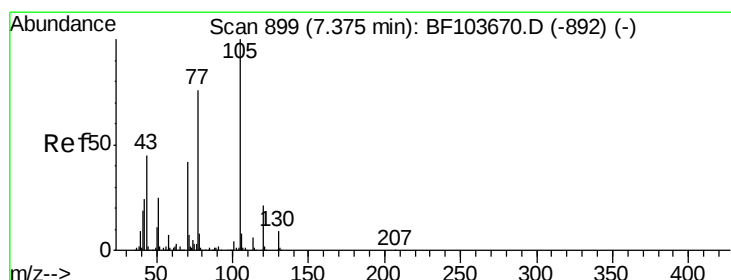
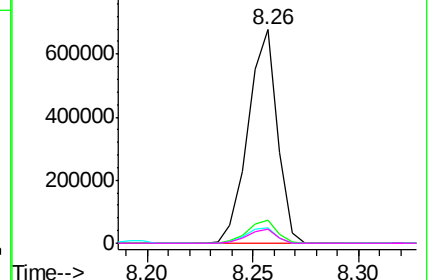
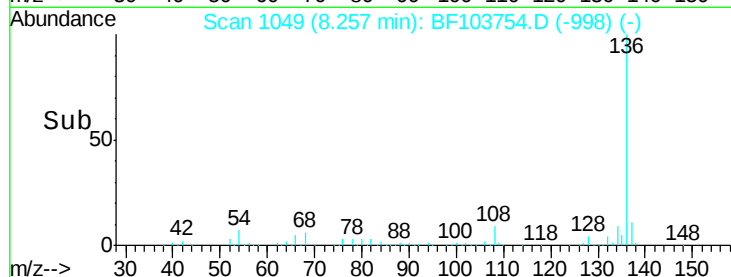


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.375 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion:105 Resp: 689158

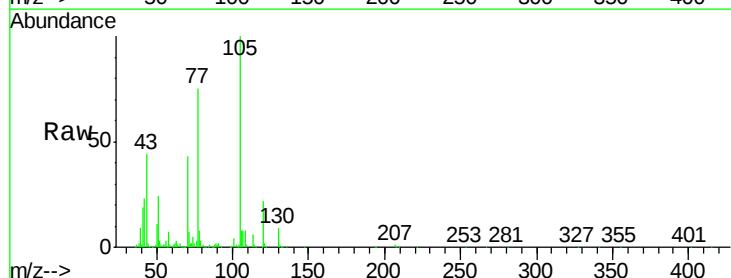
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 23.7 22.3 33.5

120 21.6 16.9 25.3

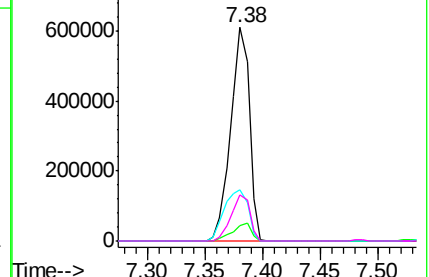
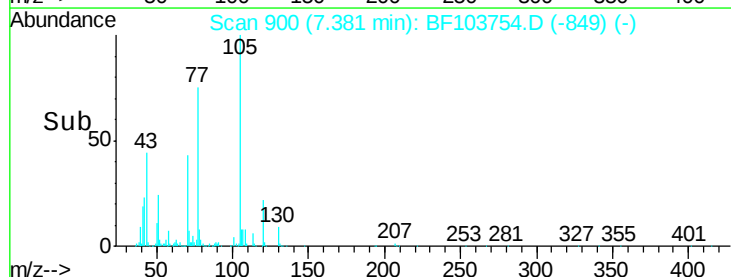


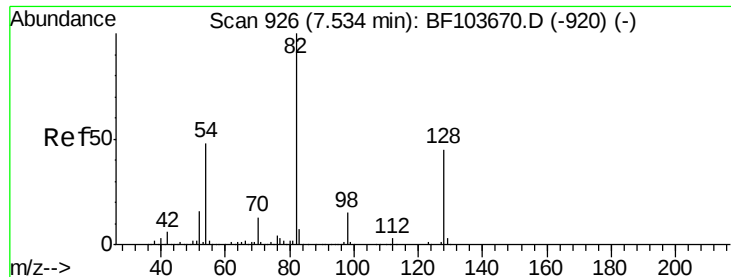
Abundance Ion 105.00 (104.70 to 105.70): E

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

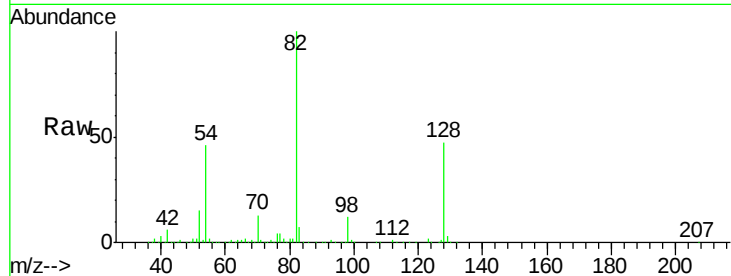




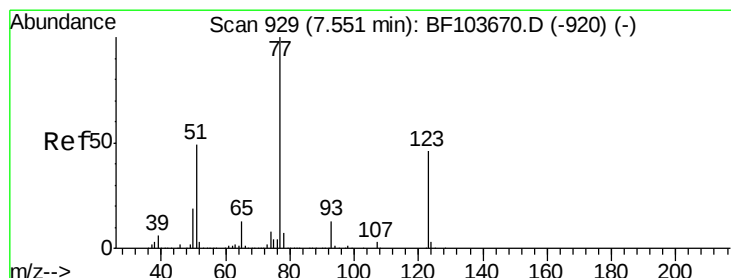
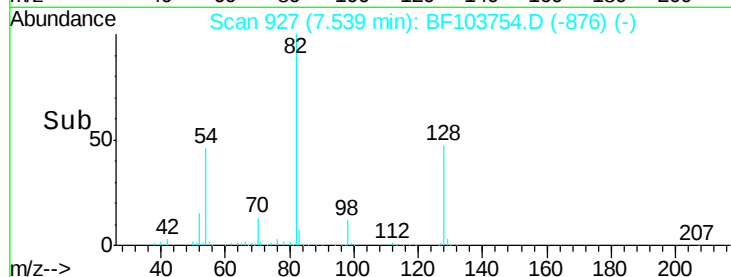
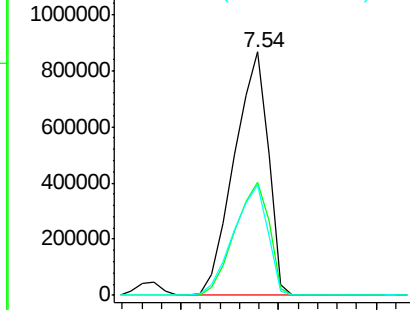
#23
Nitrobenzene-d5
Concen: 112.483 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1045359
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 45.5 41.4 62.2

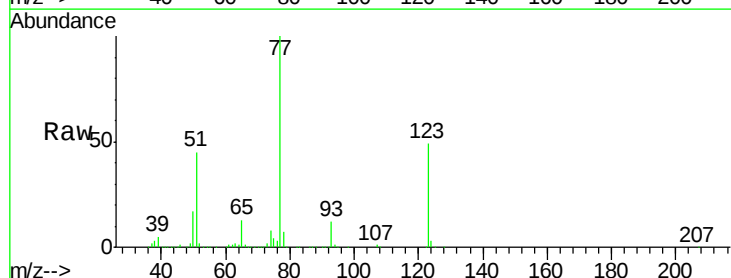


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

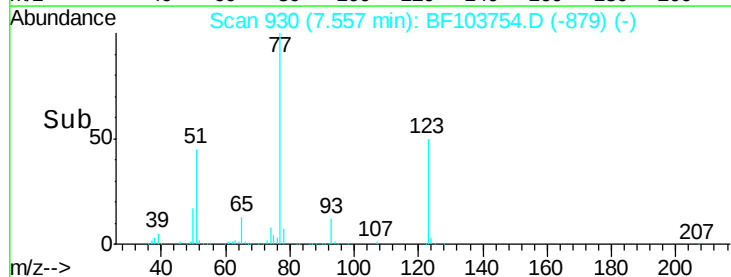
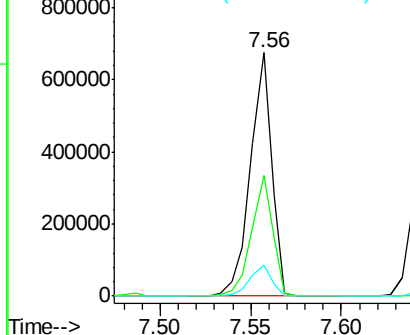


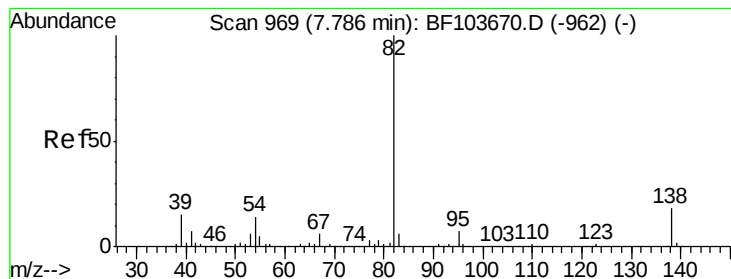
#24
Nitrobenzene
Concen: 50.915 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion: 77 Resp: 555510
Ion Ratio Lower Upper
77 100
123 49.5 37.9 56.9
65 12.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 47.928 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

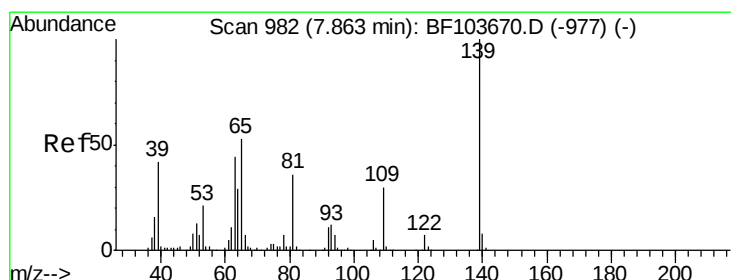
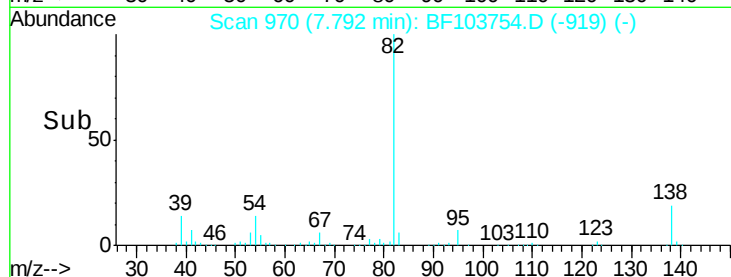
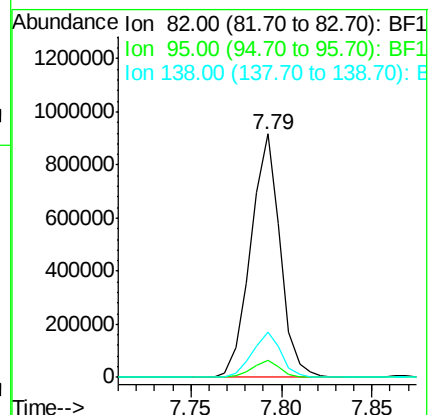
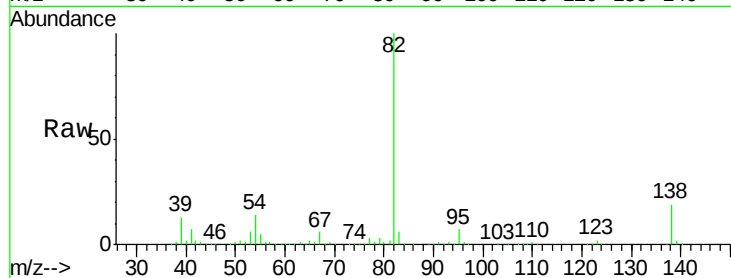
Tot Ion: 82 Resp: 1031107

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 63.886 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

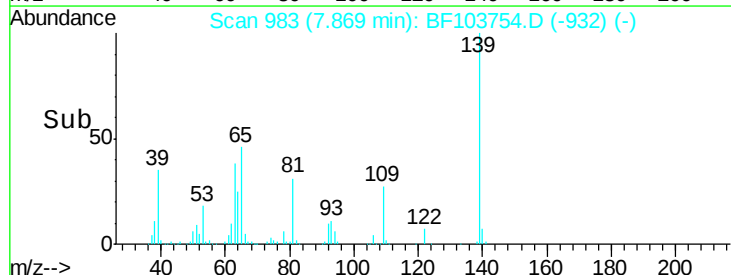
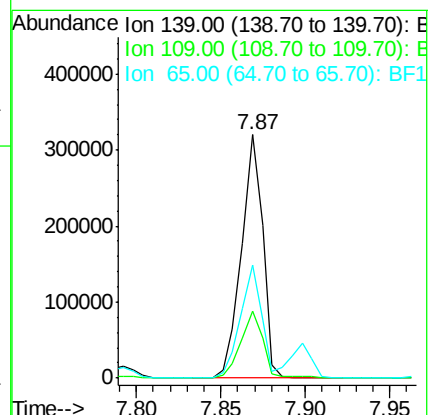
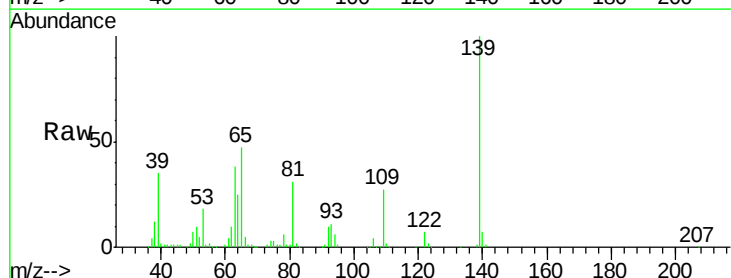
Tgt Ion: 139 Resp: 281355

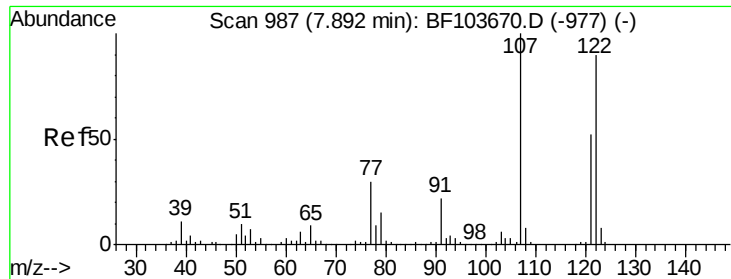
Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

65 46.6 40.5 60.7

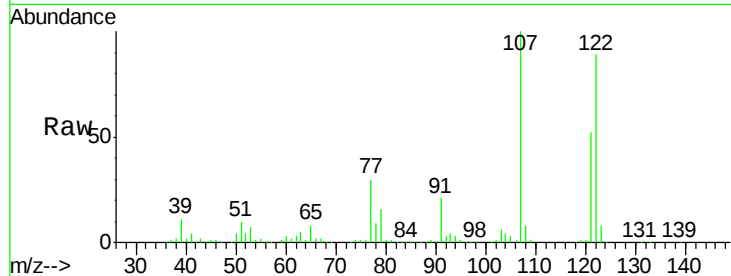




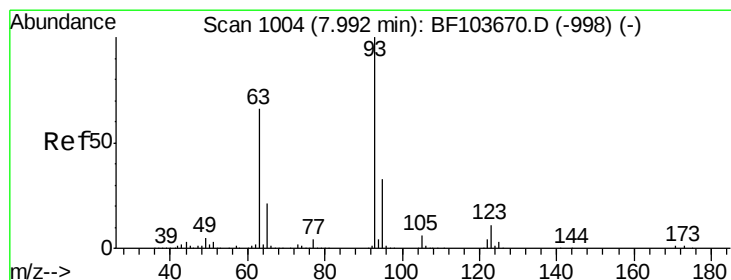
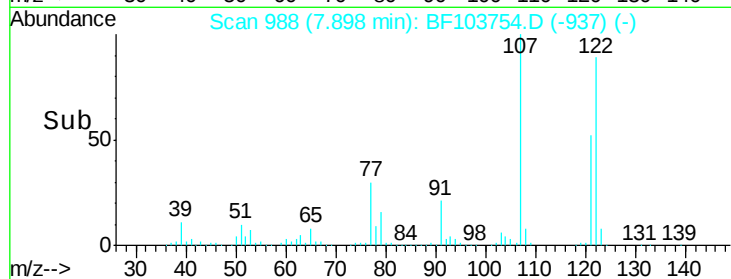
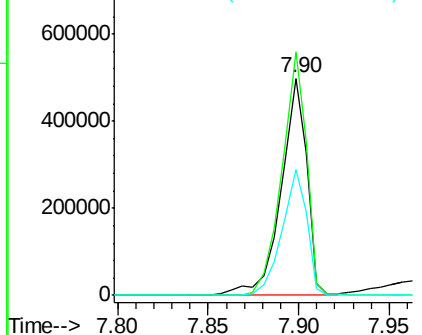
#27
2,4-Dimethylphenol
Concen: 53.374 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 491926
Ion Ratio Lower Upper
122 100
107 112.2 91.2 136.8
121 58.2 47.2 70.8

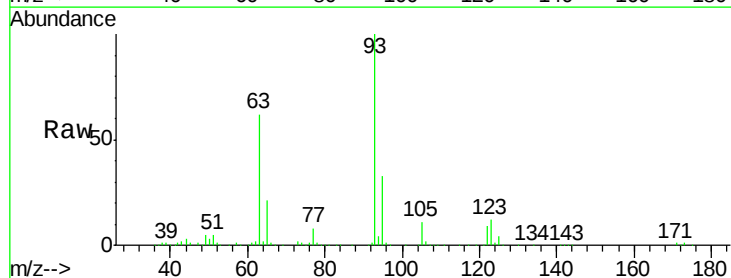


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

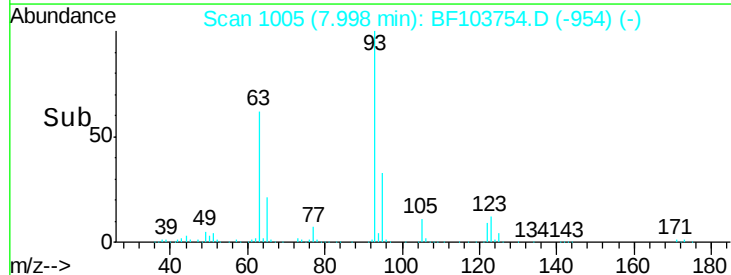
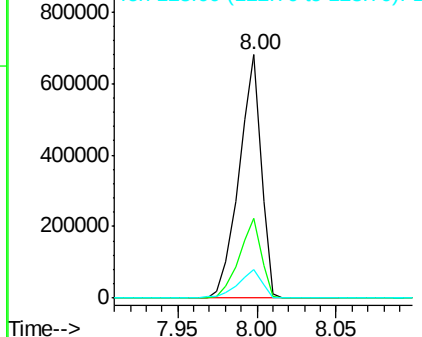


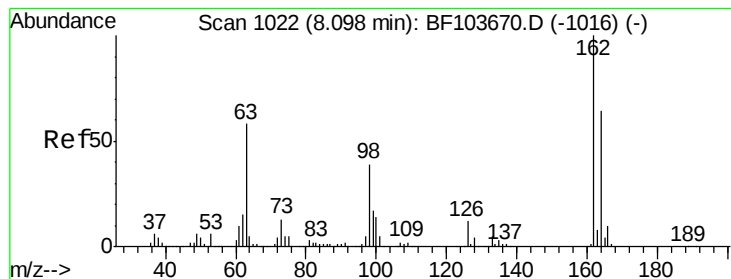
#28
bis(2-Chloroethoxy)methane
Concen: 50.148 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion: 93 Resp: 653295
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 11.9 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: 51.749 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

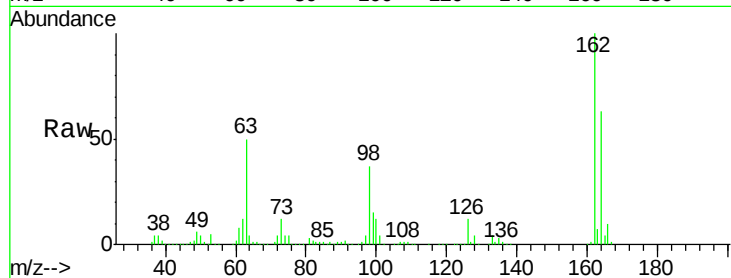
Tot Ion:162 Resp: 433920

Ion Ratio Lower Upper

162 100

164 62.6 42.7 82.7

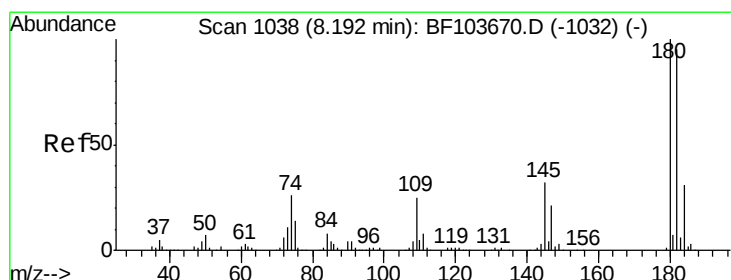
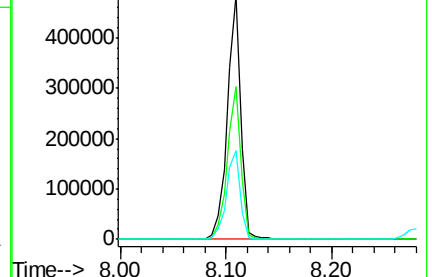
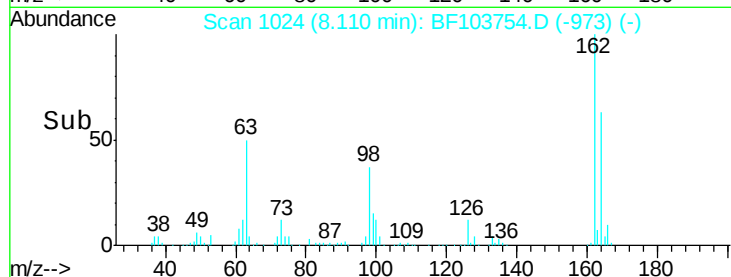
98 36.6 18.1 58.1



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: 44.976 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

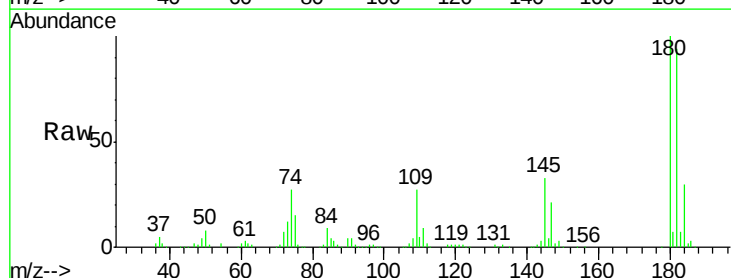
Tgt Ion:180 Resp: 437408

Ion Ratio Lower Upper

180 100

182 94.3 76.8 115.2

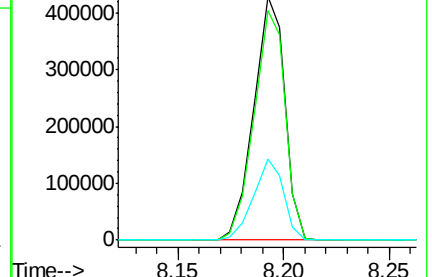
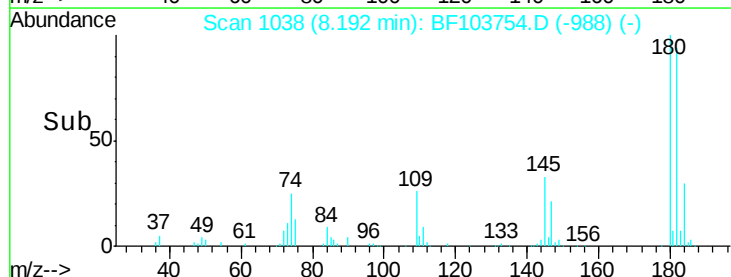
145 33.3 26.5 39.7

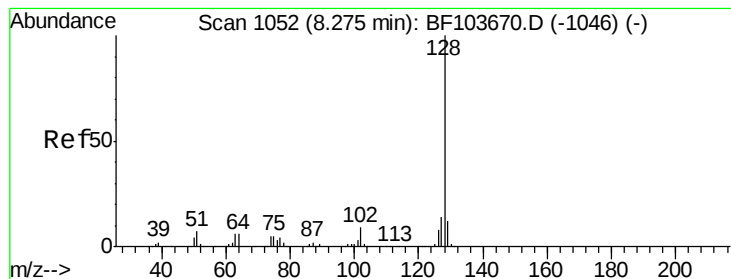


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.698 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

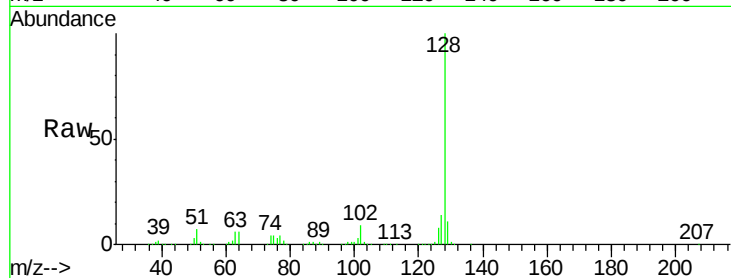
Tot Ion:128 Resp: 1528795

Ion Ratio Lower Upper

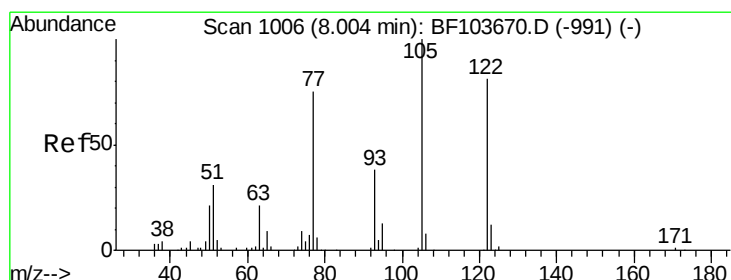
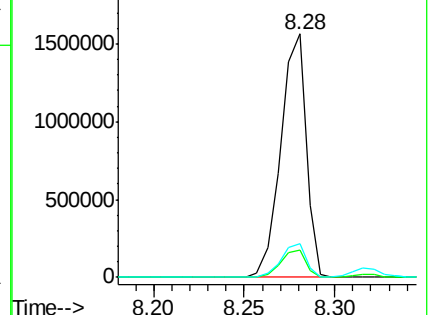
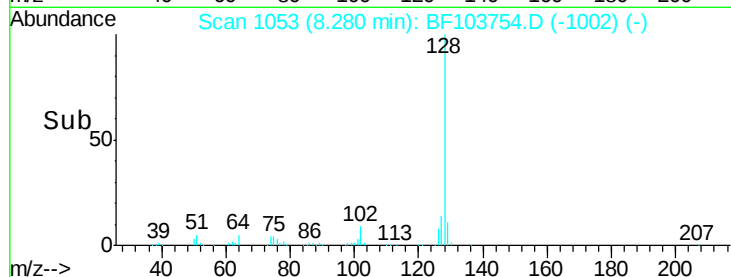
128 100

129 11.3 8.8 13.2

127 13.7 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: 31.284 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

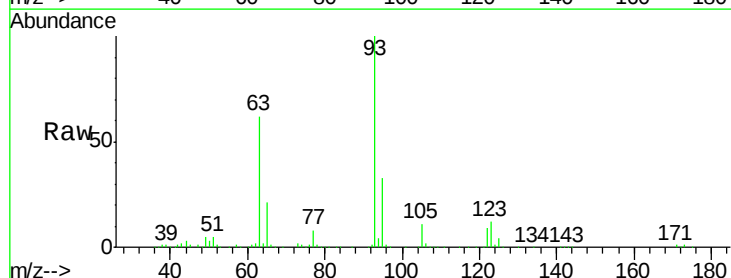
Tgt Ion:122 Resp: 175180

Ion Ratio Lower Upper

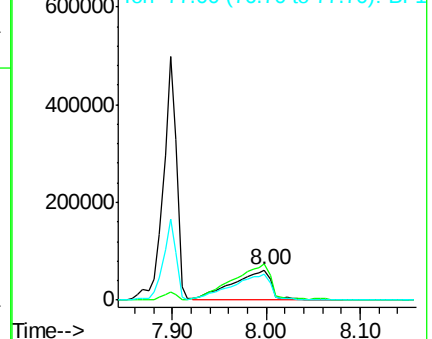
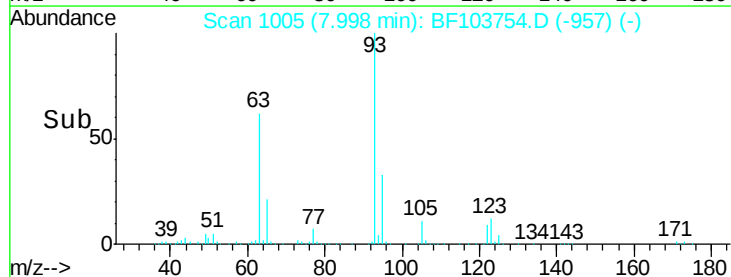
122 100

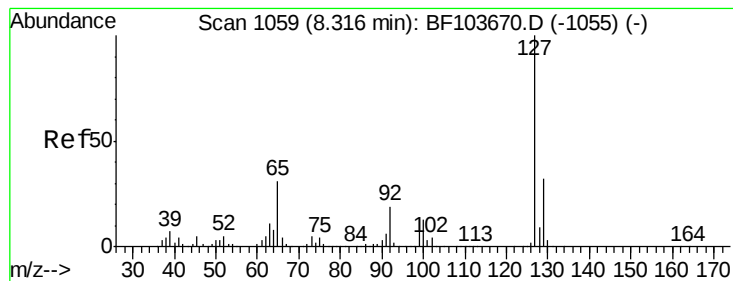
105 119.7 101.1 141.1

77 87.3 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: 5.103 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 70091

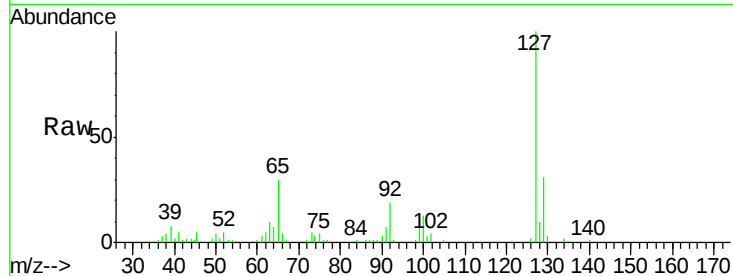
Ion Ratio Lower Upper

127 100

129 31.0 25.9 38.9

65 30.1 25.0 37.4

92 19.0 15.2 22.8

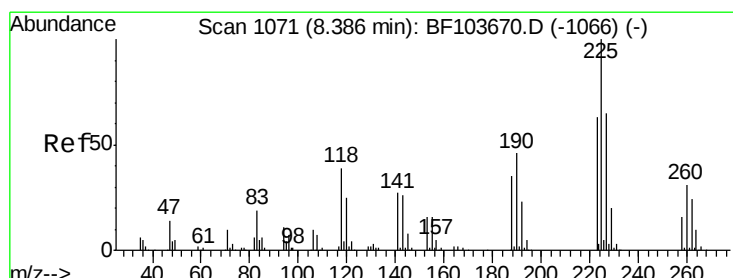
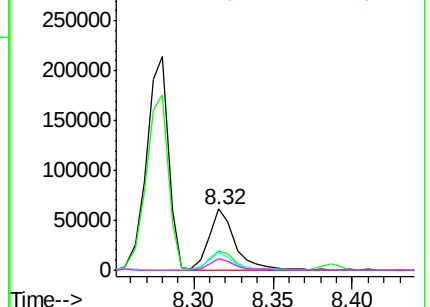
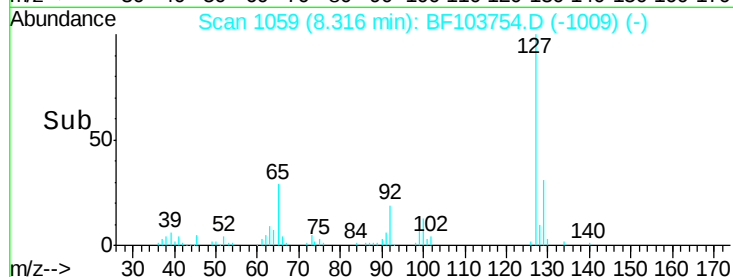


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.217 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

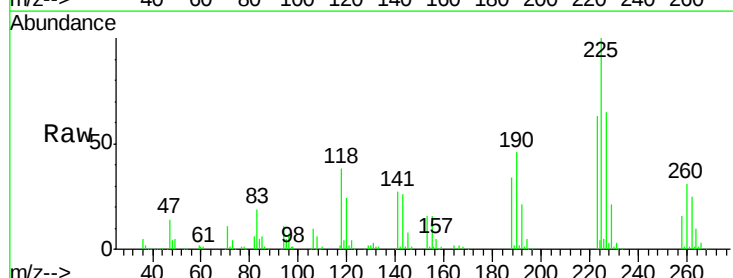
Tgt Ion:225 Resp: 230440

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

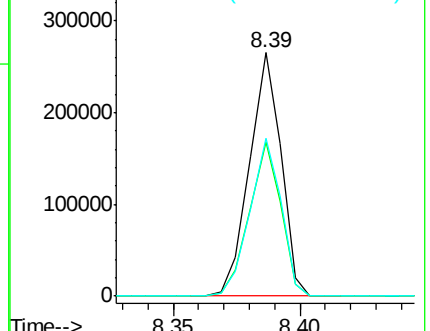
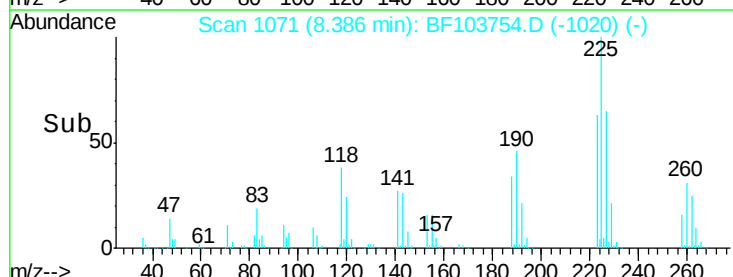
227 64.8 51.9 77.9

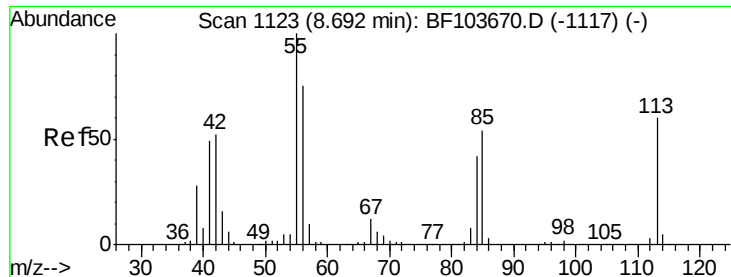


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

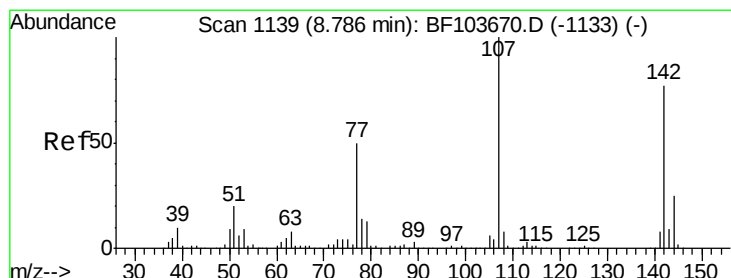
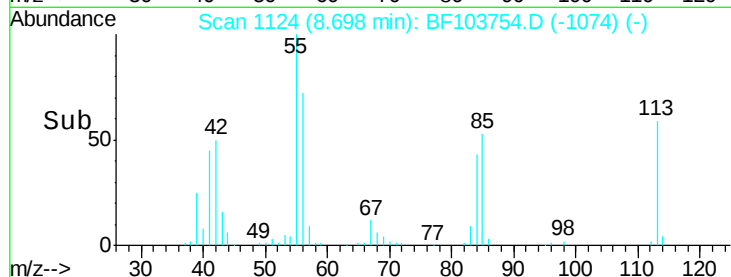
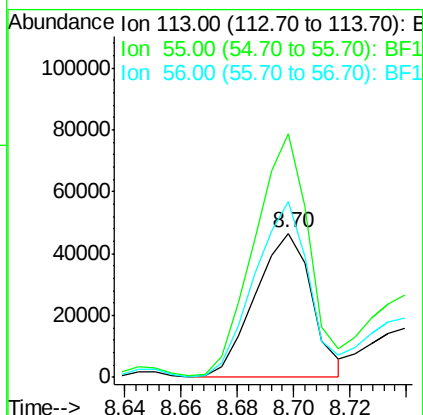
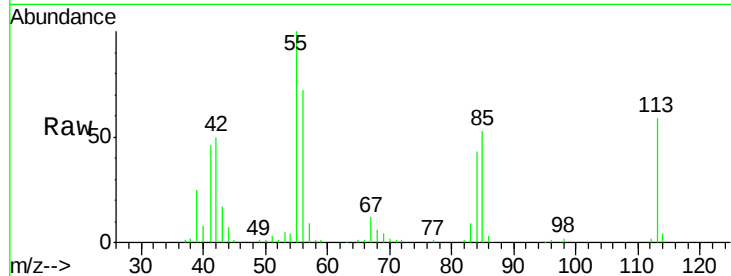




#35
 Caprolactam
 Concen: 22.533 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

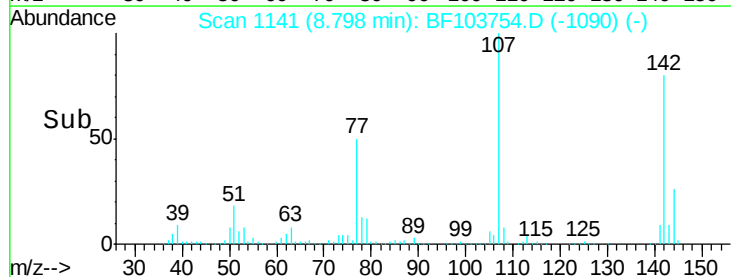
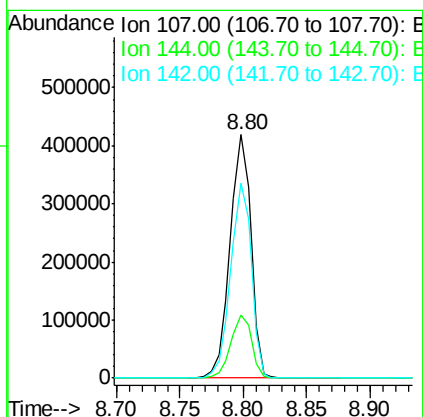
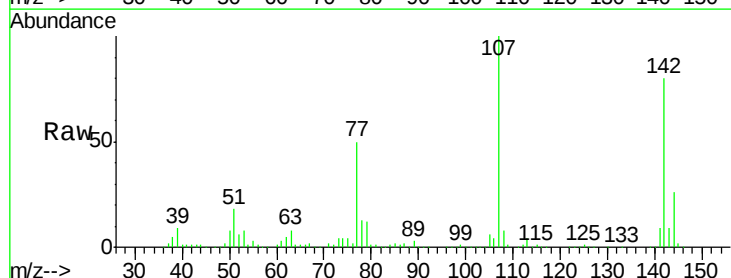
Instrument :
 BNA_F
 ClientSampled :

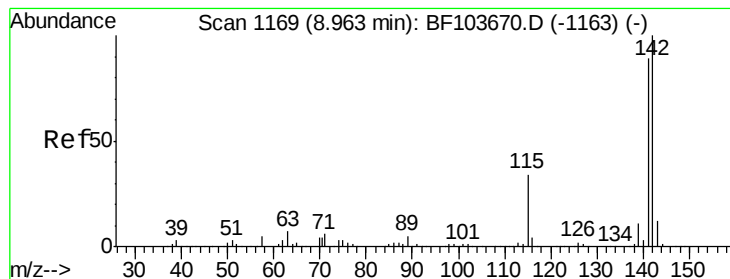
Tot Ion:113 Resp: 65060
 Ion Ratio Lower Upper
 113 100
 55 169.2 163.3 203.3
 56 122.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 51.455 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion:107 Resp: 475639
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 80.0 62.0 93.0

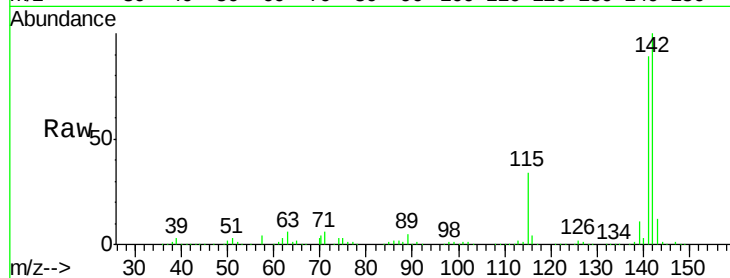




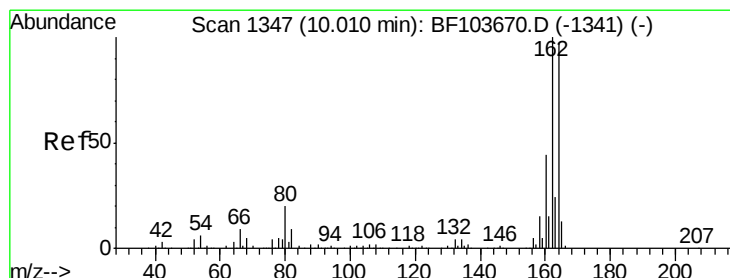
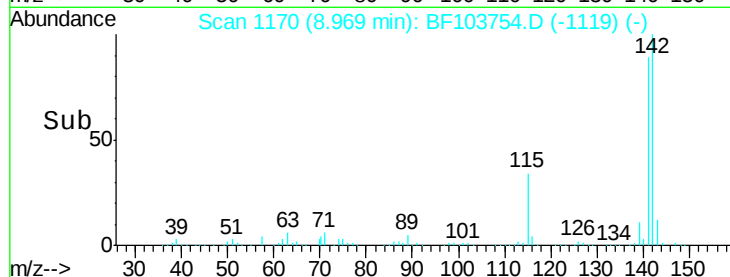
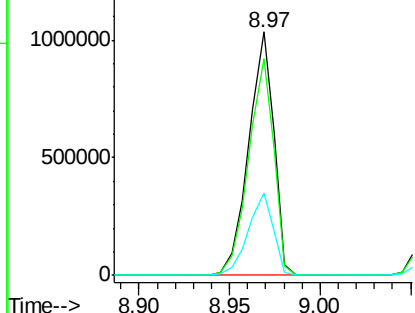
#37
 2-Methylnaphthalene
 Concen: 47.888 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 994200
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.8 106.2
 115 33.9 26.1 39.1

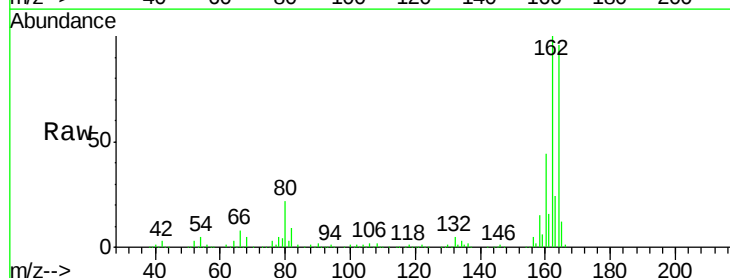


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

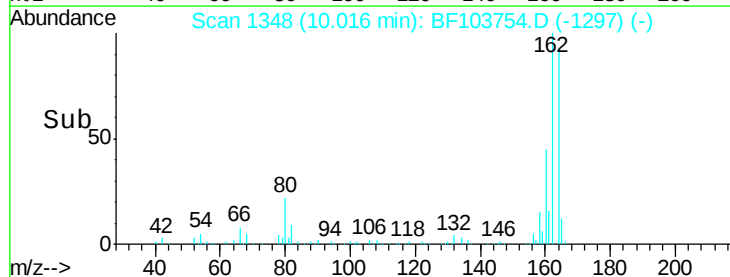
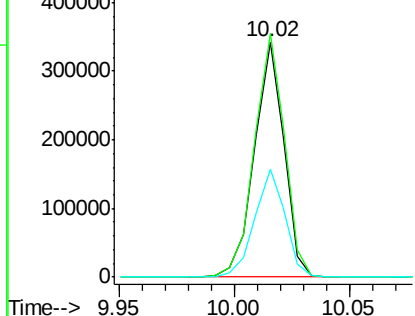


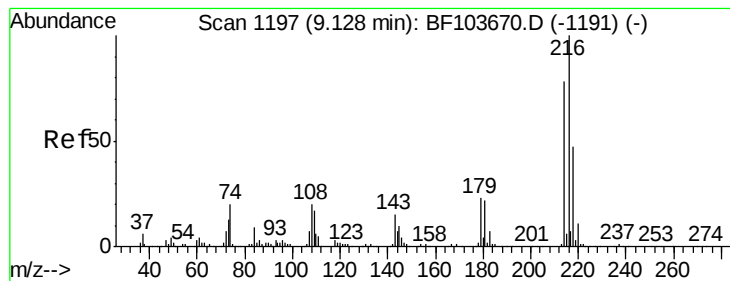
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion:164 Resp: 306009
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 46.0 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: 45.030 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 393113

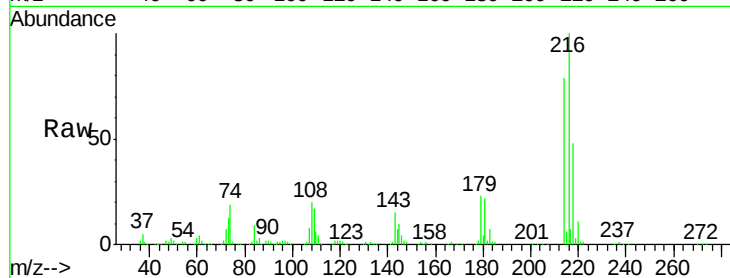
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 22.7 18.1 27.1

108 23.6 17.2 25.8

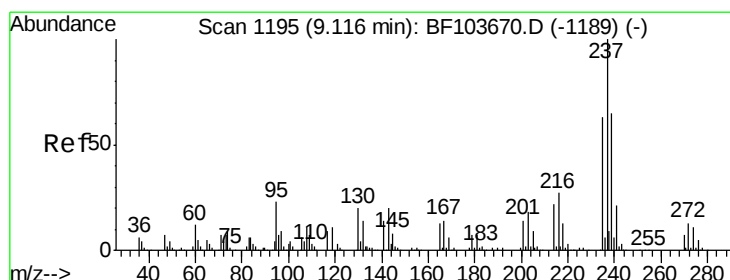
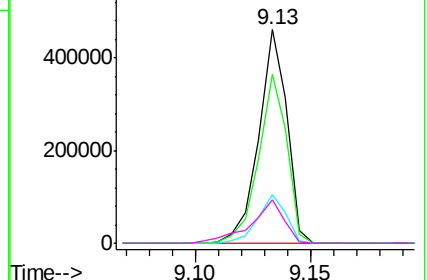
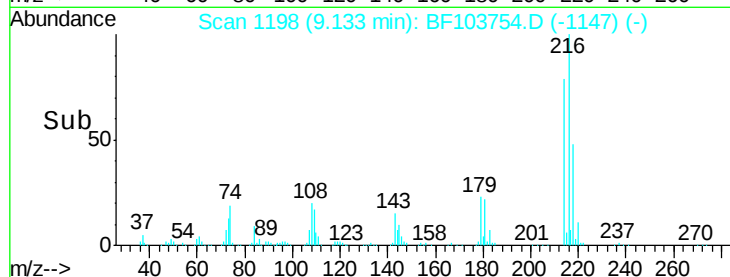


Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.360 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

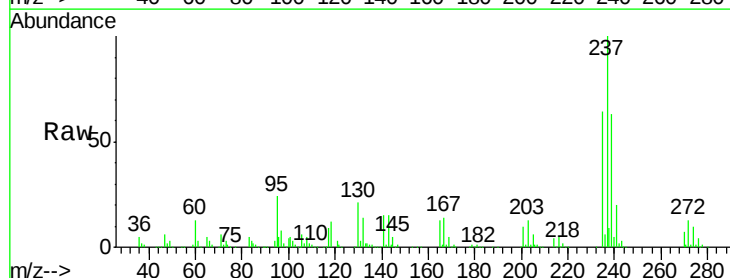
Tgt Ion:237 Resp: 438583

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

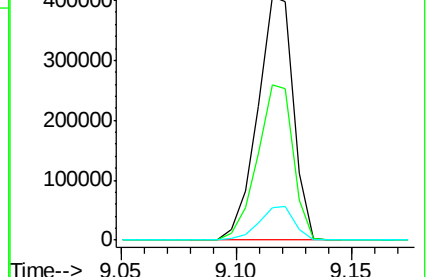
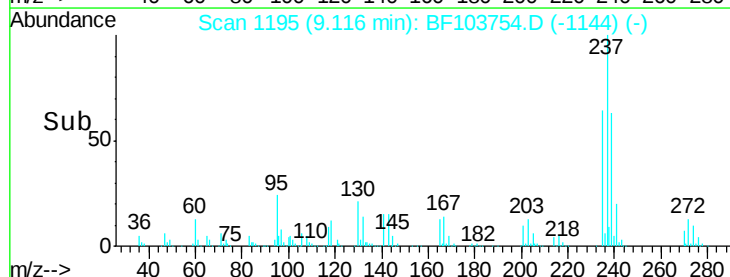
272 13.1 0.0 33.3

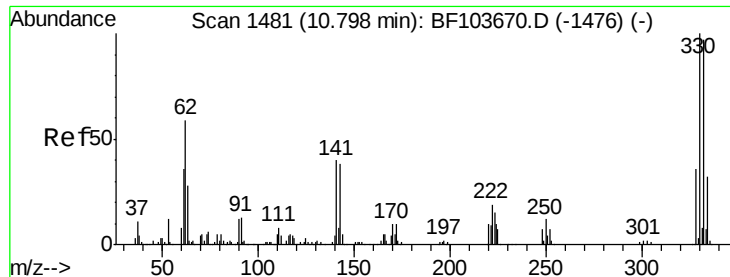


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

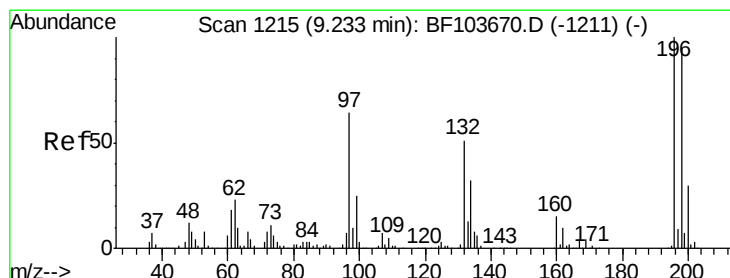
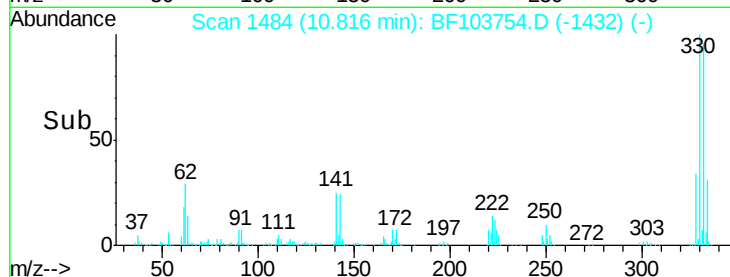
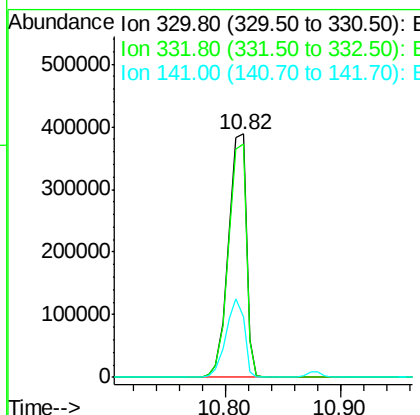
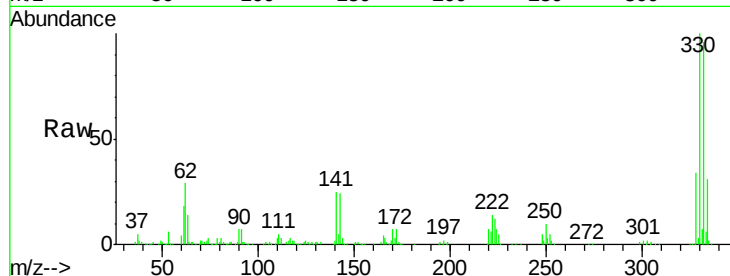




#41
 2,4,6-Tribromophenol
 Concen: 159.587 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

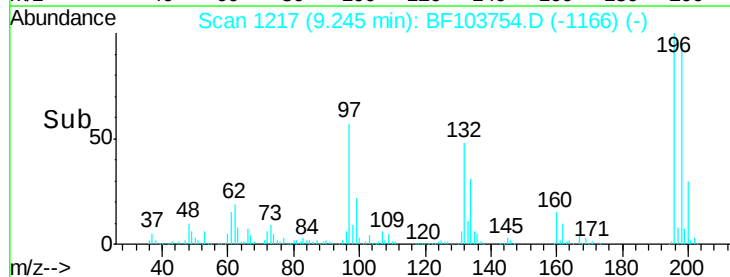
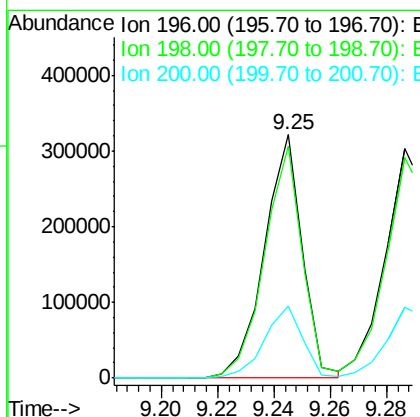
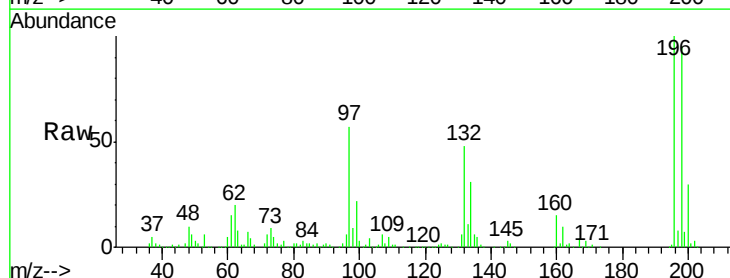
Instrument :
 BNA_F
 ClientSampled :

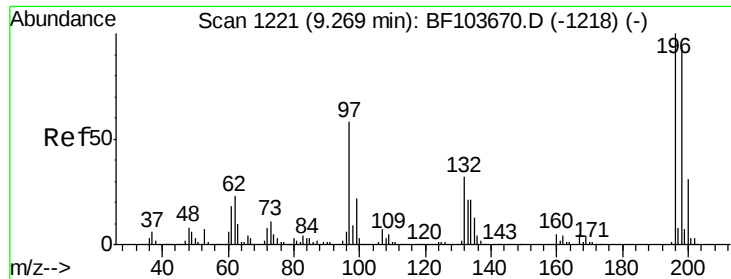
Tot Ion:330 Resp: 419886
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 53.542 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion:196 Resp: 298979
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 29.8 24.5 36.7

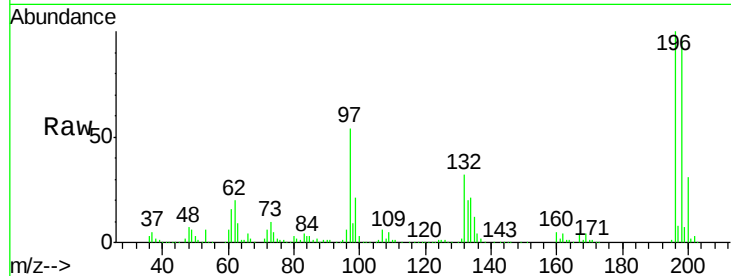




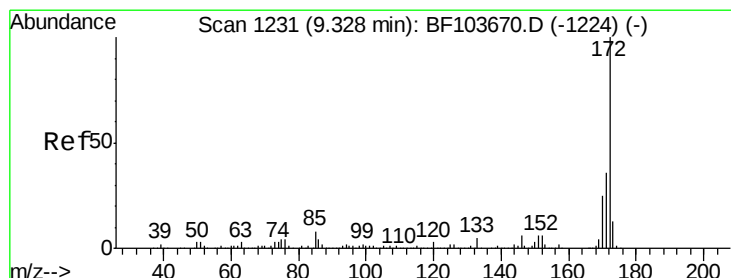
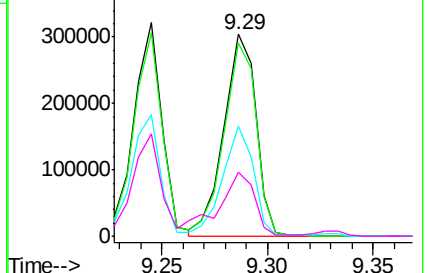
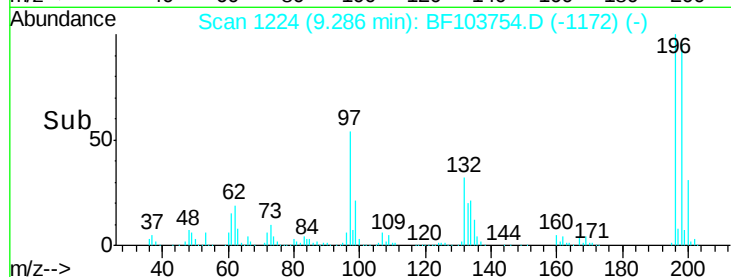
#43
 2,4,5-Trichlorophenol
 Concen: 50.621 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	95.7	74.6	112.0	
97	54.3	42.9	64.3	
132	31.6	26.3	39.5	

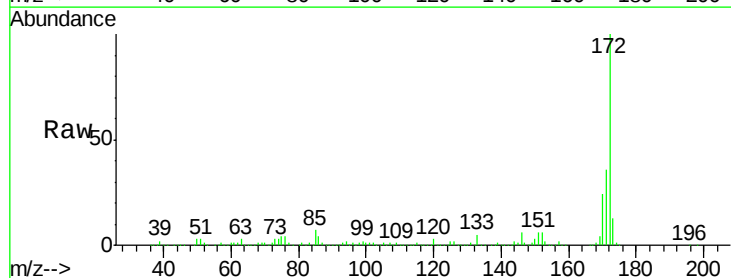


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

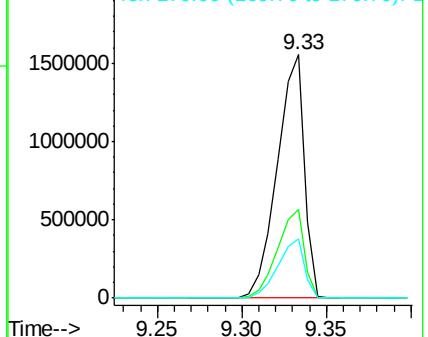
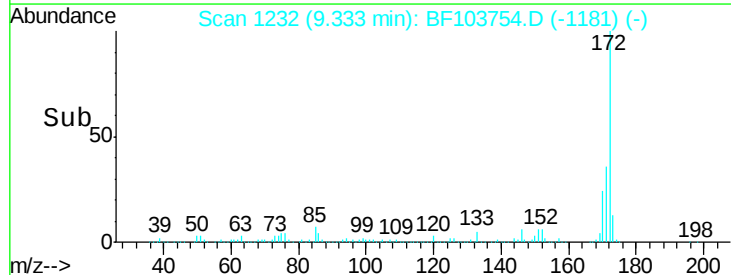


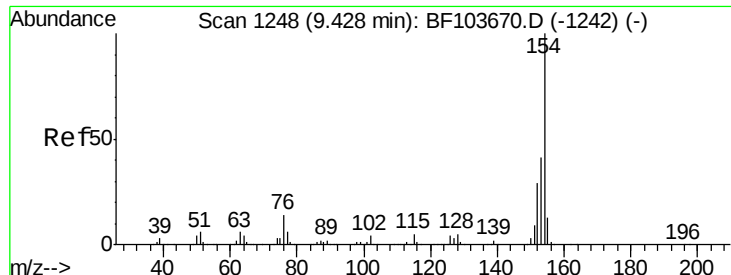
#44
 2-Fluorobiphenyl
 Concen: 90.342 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.4	29.7	44.5	
170	24.4	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

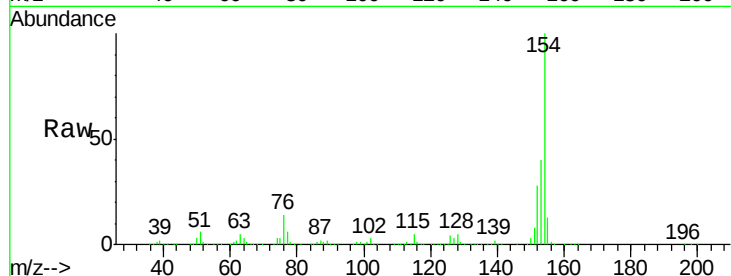




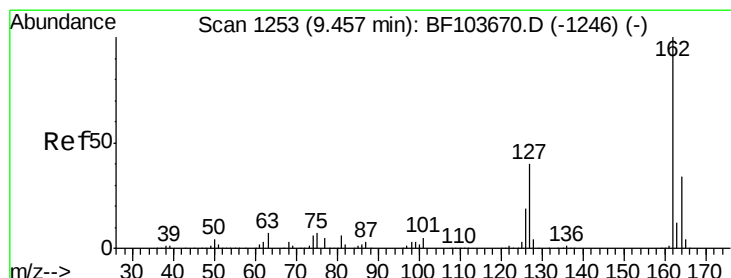
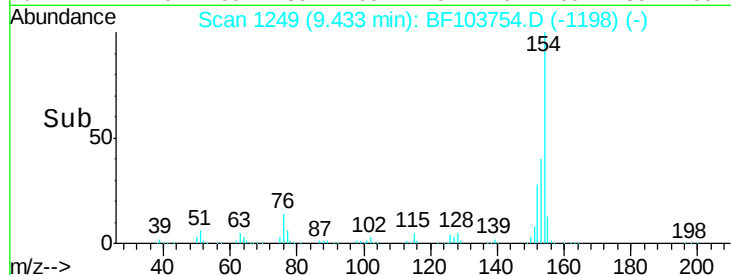
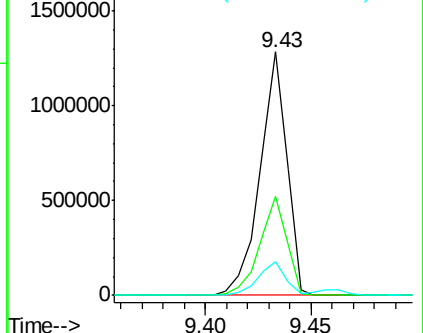
#45
 1,1'-Biphenyl
 Concen: 44.547 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1136704
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.3 61.3
 76 14.0 0.0 34.0

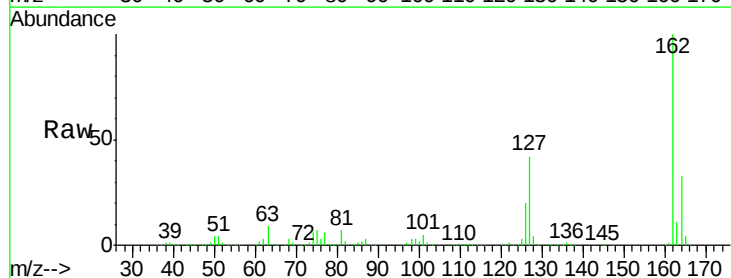


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

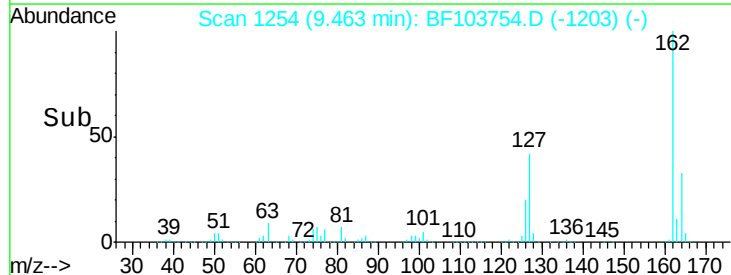
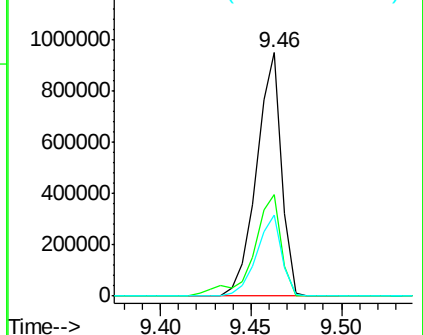


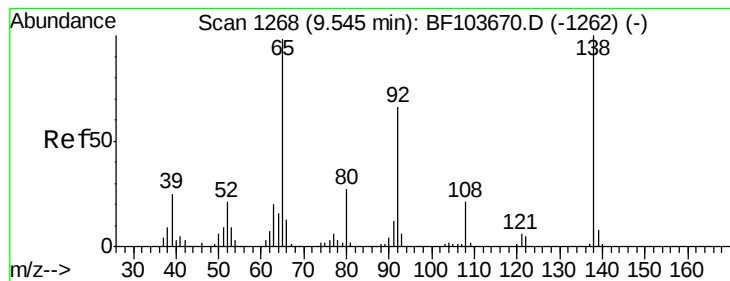
#46
 2-Chloronaphthalene
 Concen: 44.718 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion:162 Resp: 906301
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.9 50.9
 164 33.5 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: 54.900 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampled :

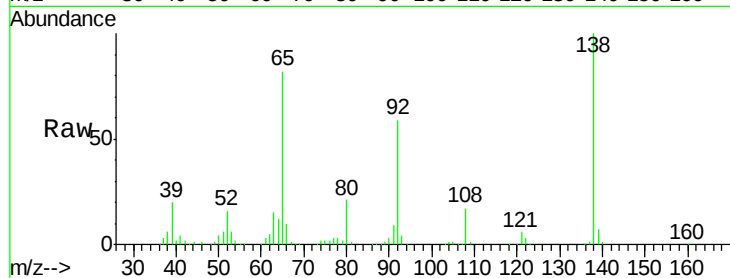
Tot Ion: 65 Resp: 297125

Ion Ratio Lower Upper

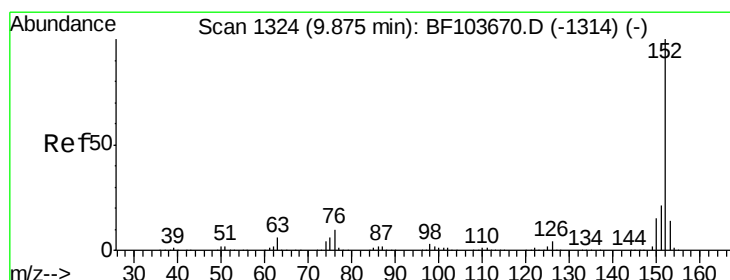
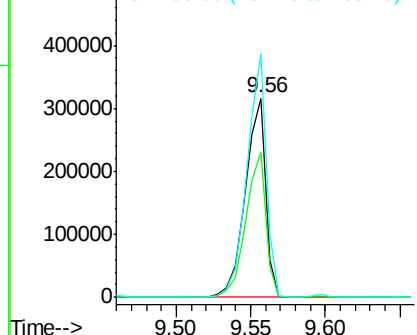
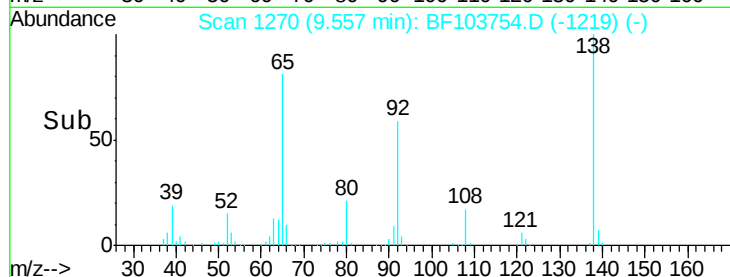
65 100

92 72.6 55.8 83.6

138 122.2 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: 43.975 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

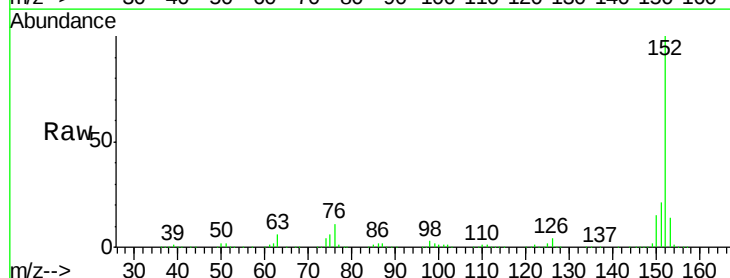
Tgt Ion: 152 Resp: 1382034

Ion Ratio Lower Upper

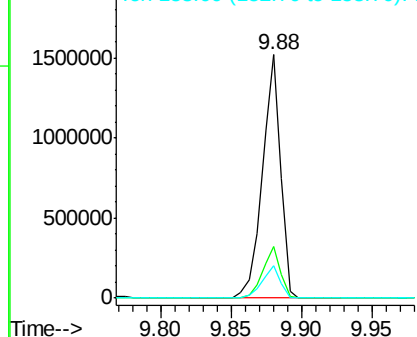
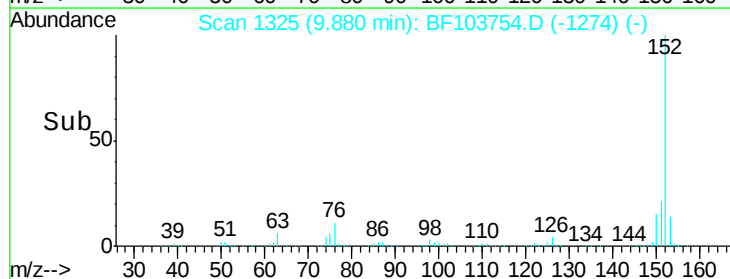
152 100

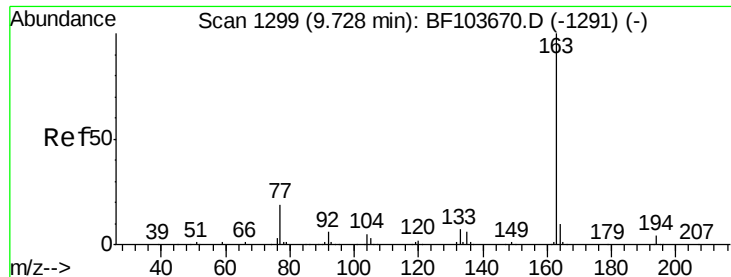
151 21.0 16.3 24.5

153 13.6 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

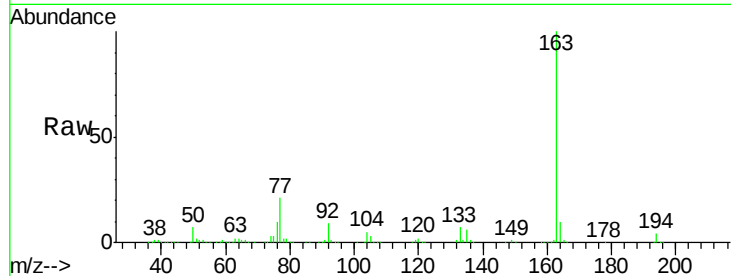




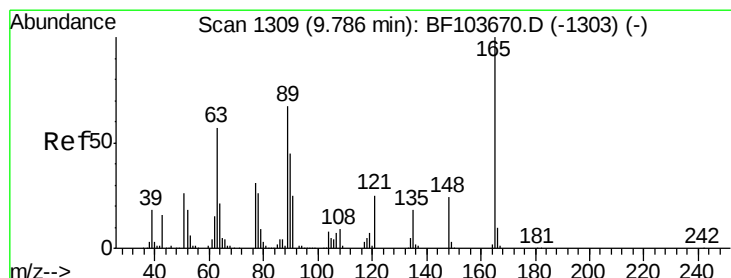
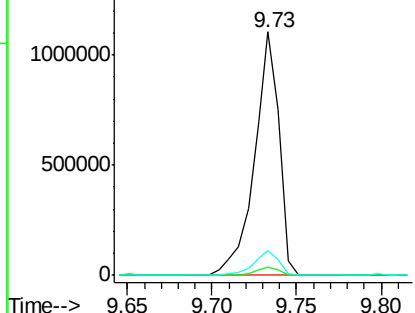
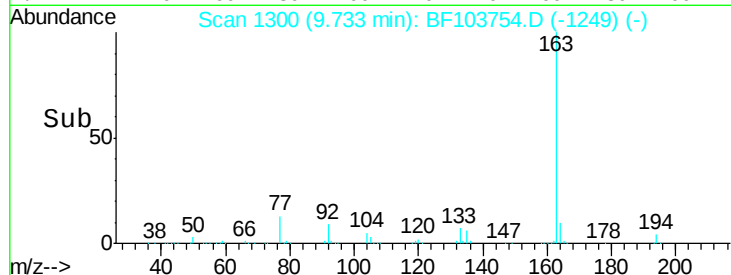
#49
Dimethylphthalate
Concen: 47.792 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1115796
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

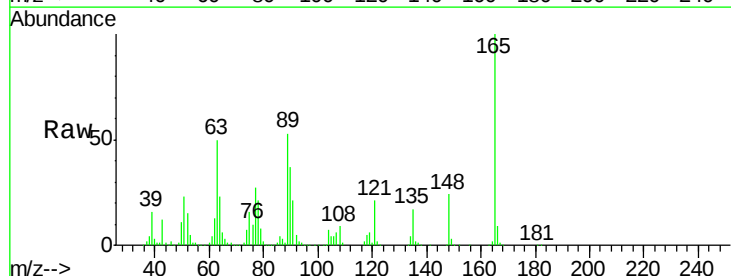


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

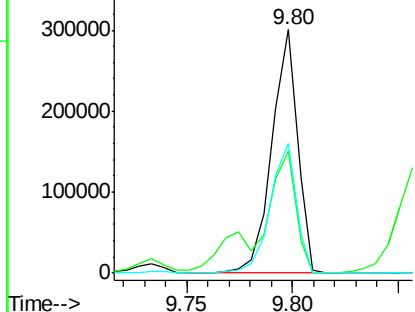
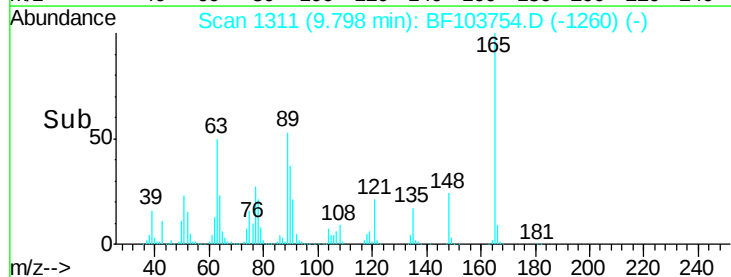


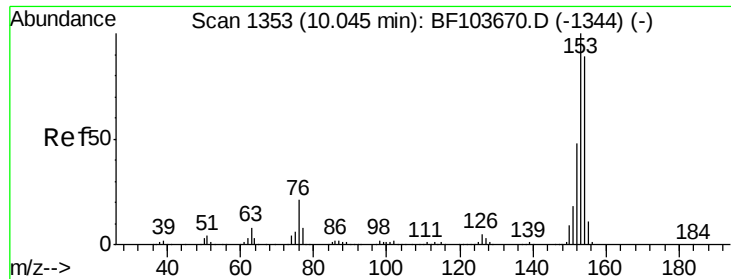
#50
2,6-Dinitrotoluene
Concen: 55.694 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:165 Resp: 254680
Ion Ratio Lower Upper
165 100
63 50.2 44.7 67.1
89 53.1 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

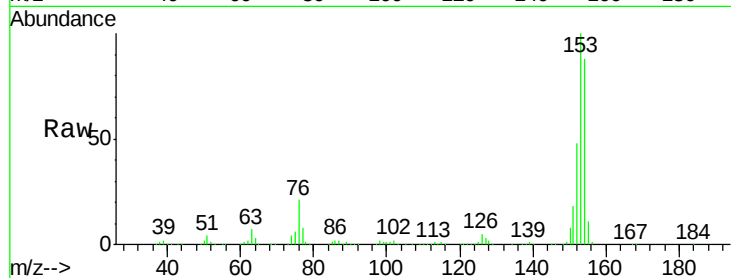




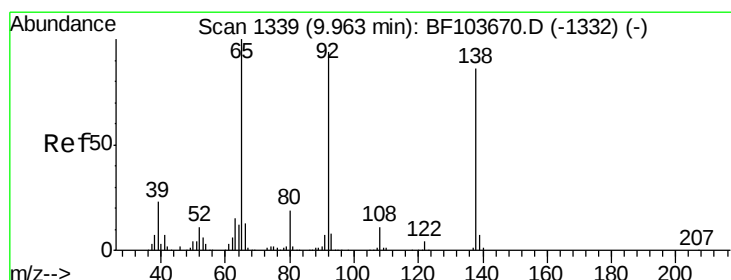
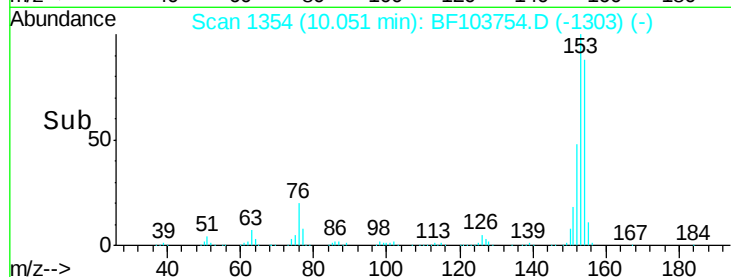
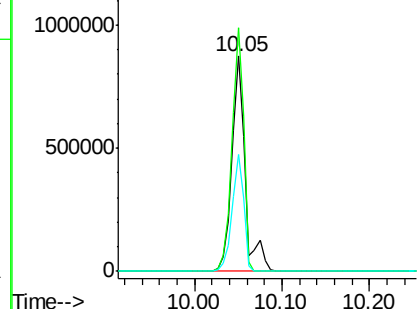
#51
Acenaphthene
Concen: 49.256 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 919156
Ion Ratio Lower Upper
154 100
153 113.3 91.2 136.8
152 54.1 43.8 65.8

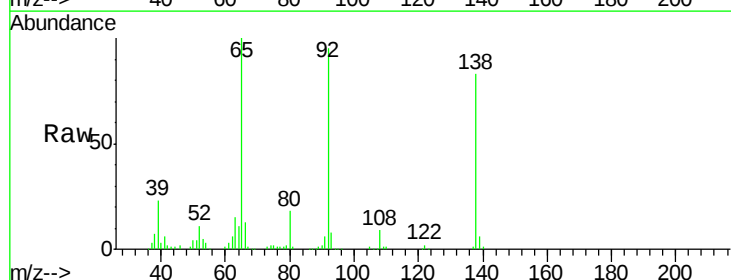


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

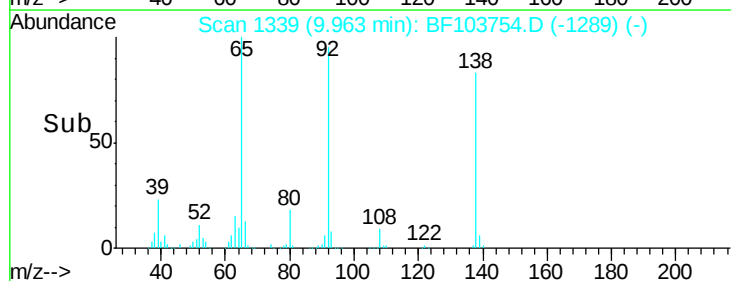
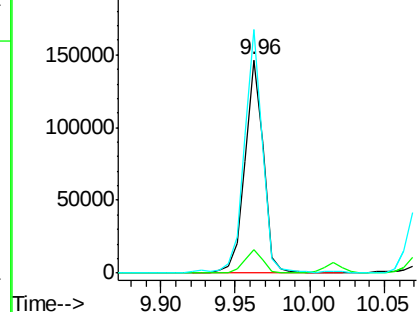


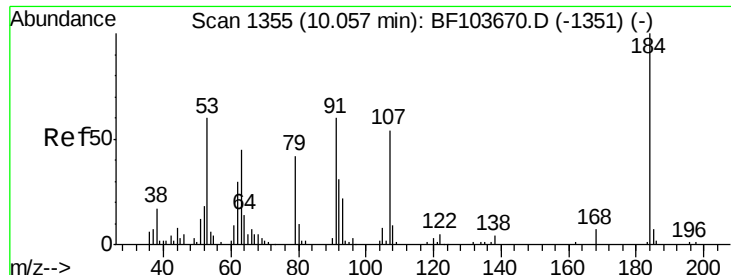
#52
3-Nitroaniline
Concen: 25.268 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:138 Resp: 126147
Ion Ratio Lower Upper
138 100
108 11.0 9.4 14.0
92 114.2 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

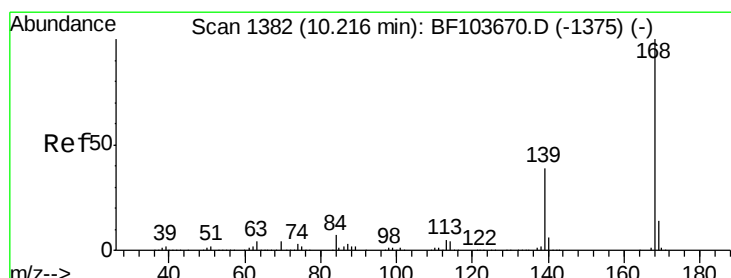
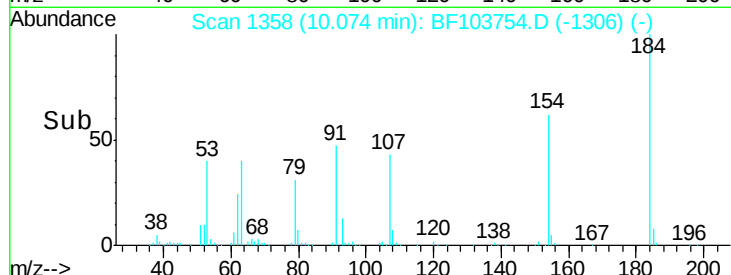
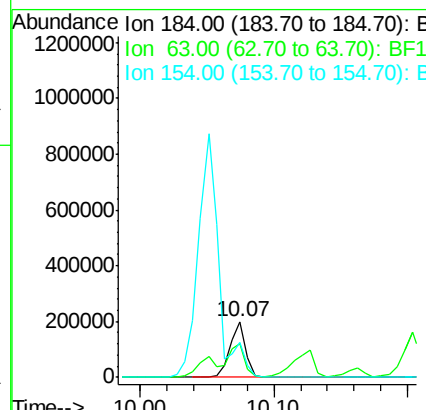
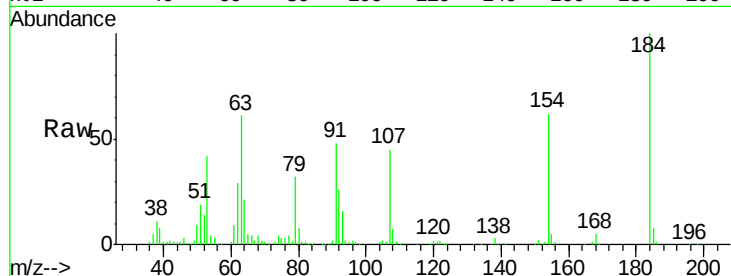




#53
2,4-Dinitrophenol
Concen: 100.084 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

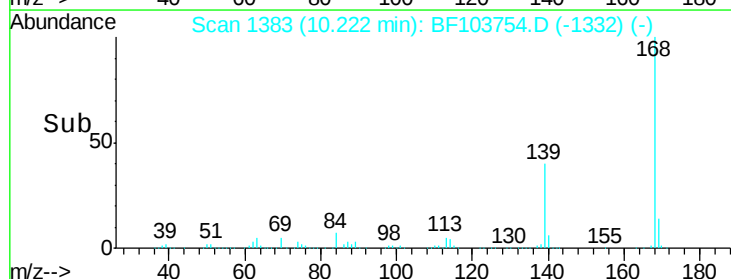
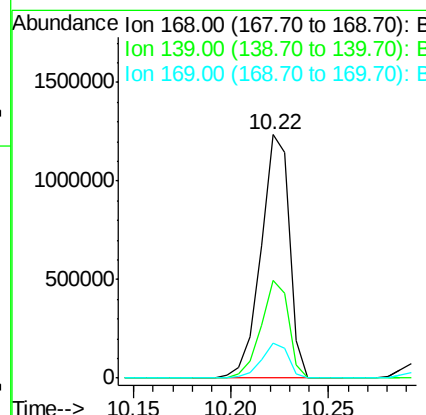
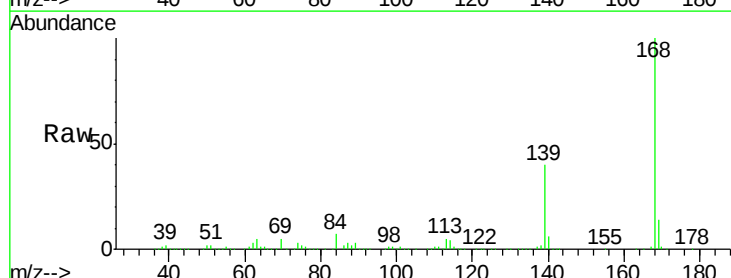
Instrument :
BNA_F
ClientSampled :

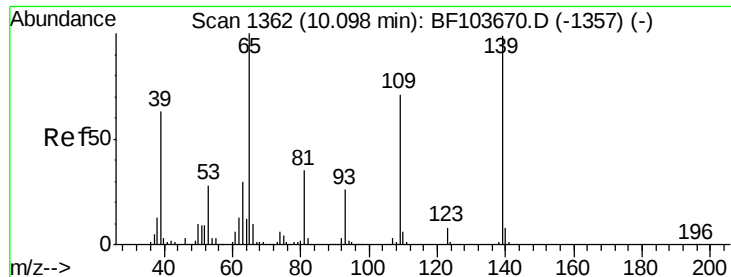
Tot Ion:184 Resp: 166919
Ion Ratio Lower Upper
184 100
63 61.4 54.2 81.2
154 62.4 184.0 276.0#



#54
Dibenzofuran
Concen: 46.765 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:168 Resp: 1246364
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 14.2 10.9 16.3

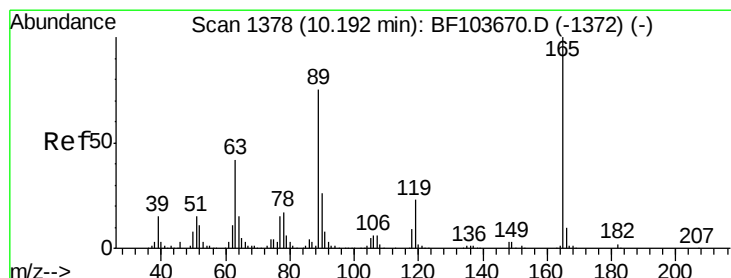
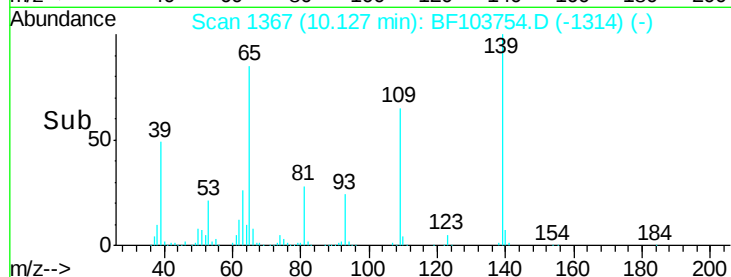
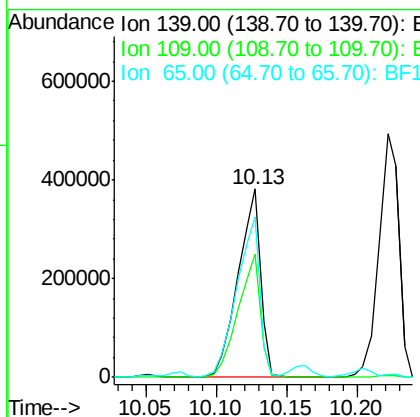
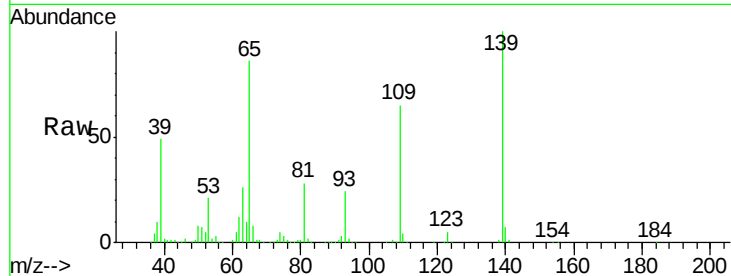




#55
4-Nitrophenol
Concen: 97.801 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

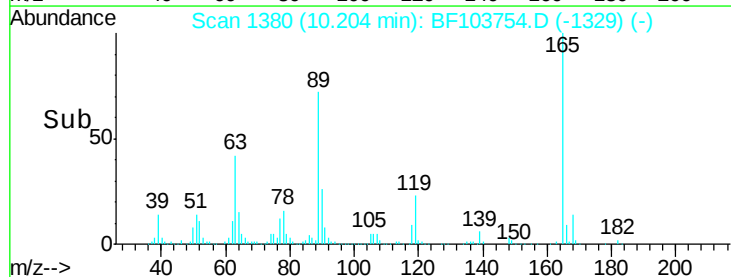
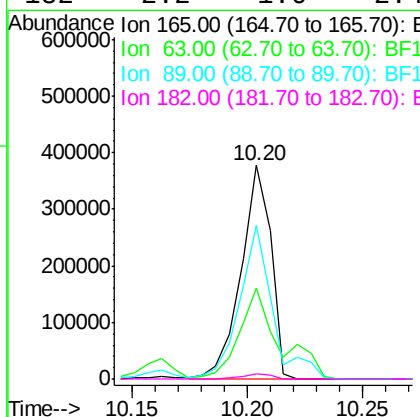
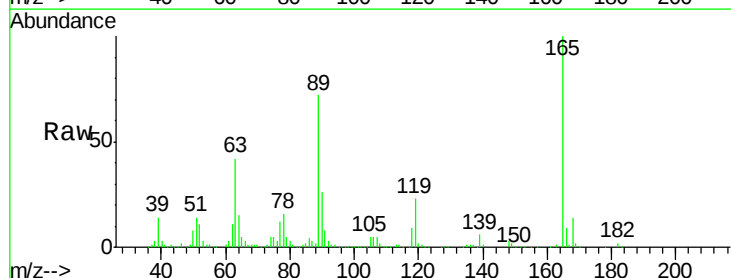
Instrument :
BNA_F
ClientSampleId :

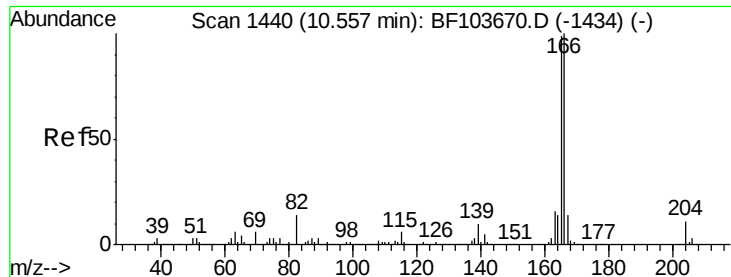
Tot Ion:139 Resp: 423082
Ion Ratio Lower Upper
139 100
109 65.5 48.4 88.4
65 85.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 58.322 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:165 Resp: 342488
Ion Ratio Lower Upper
165 100
63 42.5 36.4 54.6
89 71.7 57.8 86.6
182 2.2 1.6 2.4

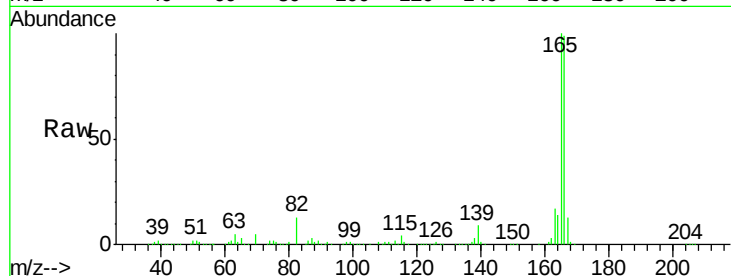




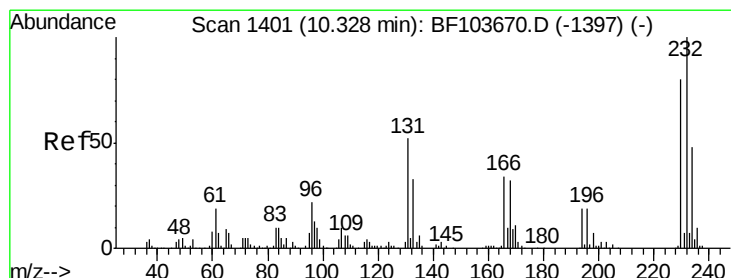
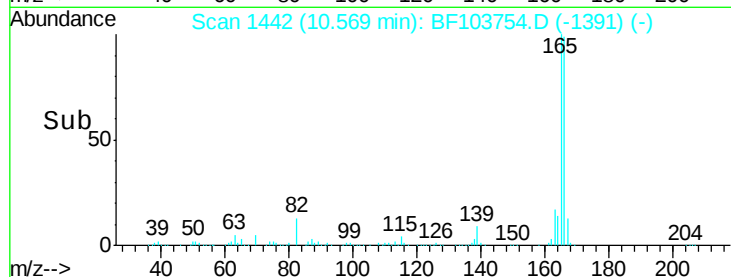
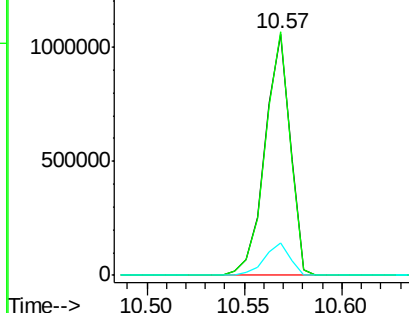
#57
 Fluorene
 Concen: 45.860 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 948434
 Ion Ratio Lower Upper
 166 100
 165 100.9 79.8 119.8
 167 13.5 10.6 16.0



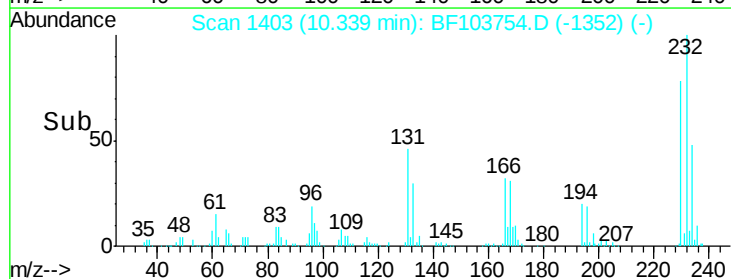
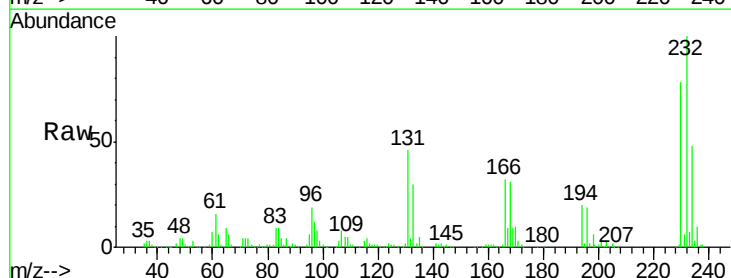
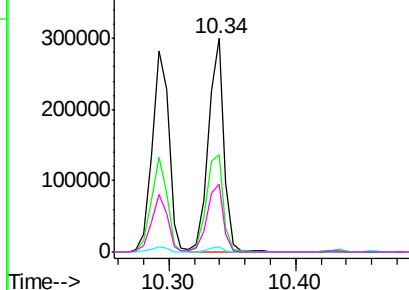
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

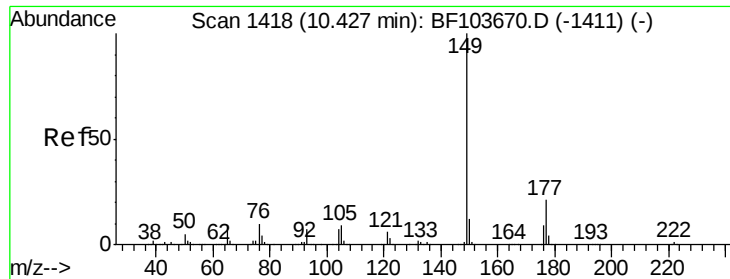


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.320 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion:232 Resp: 255984
 Ion Ratio Lower Upper
 232 100
 131 49.5 43.8 65.8
 130 2.5 2.1 3.1
 166 33.1 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

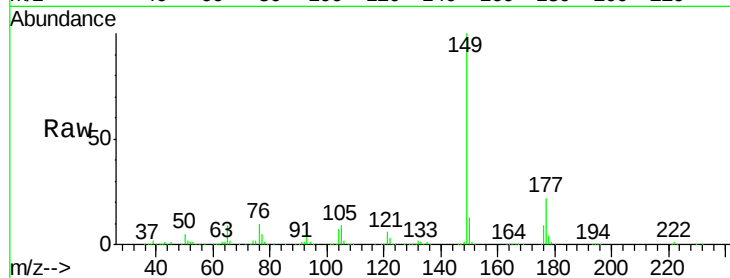




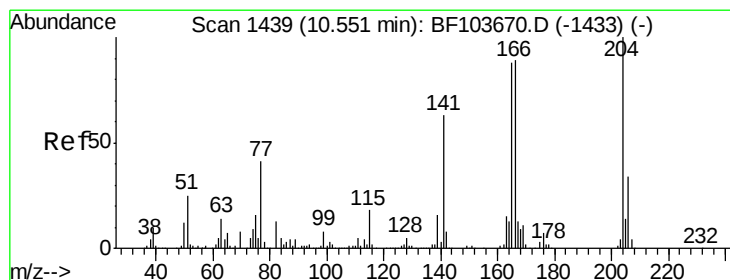
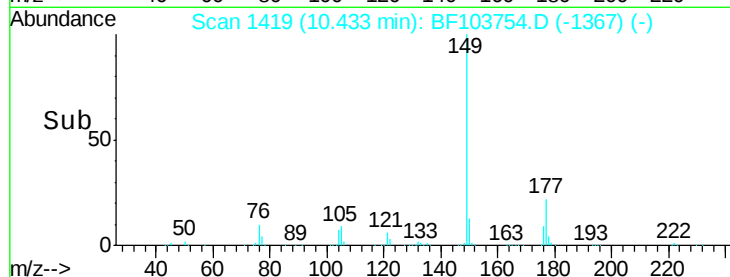
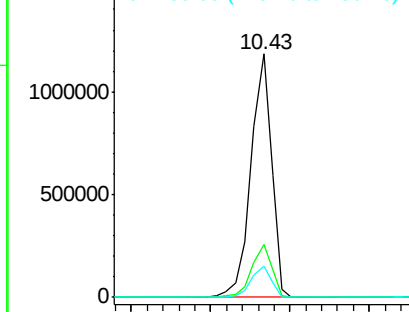
#59
Diethylphthalate
Concen: 46.150 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1069395
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.6 10.1 15.1

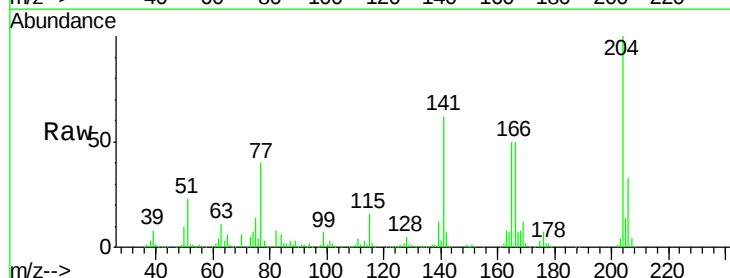


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

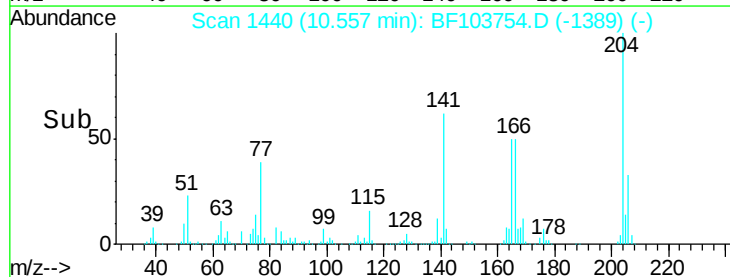
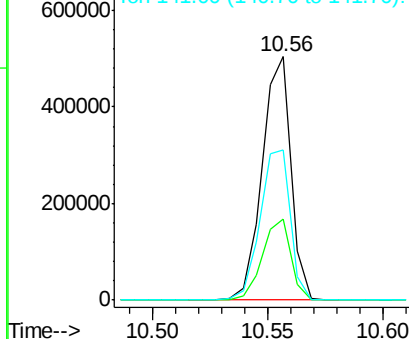


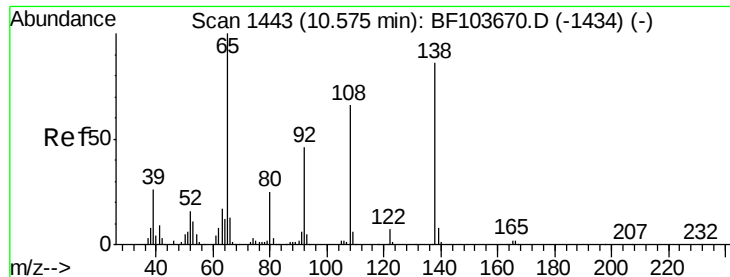
#60
4-Chlorophenyl-phenylether
Concen: 46.353 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:204 Resp: 438108
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 61.8 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

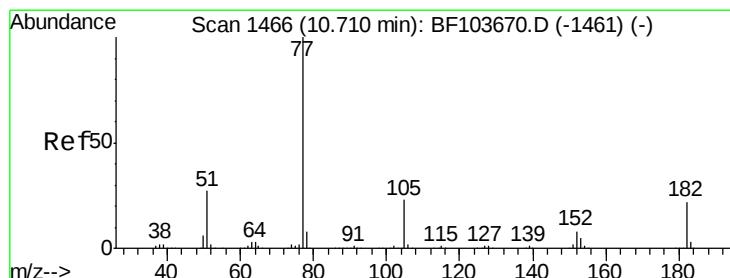
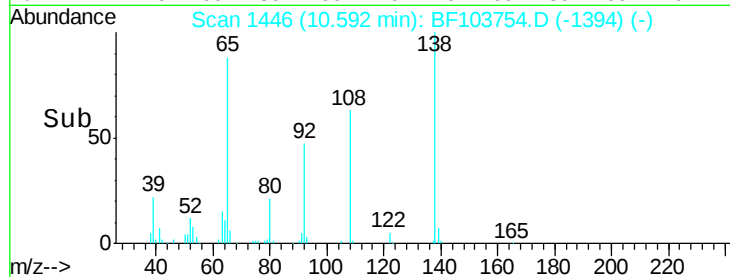
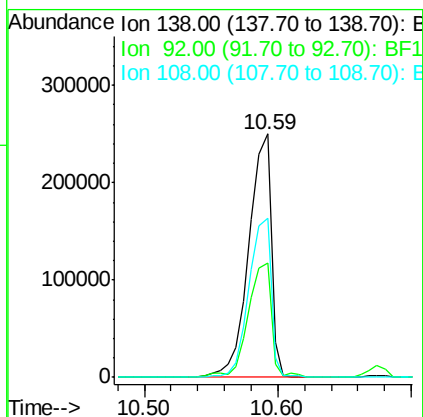
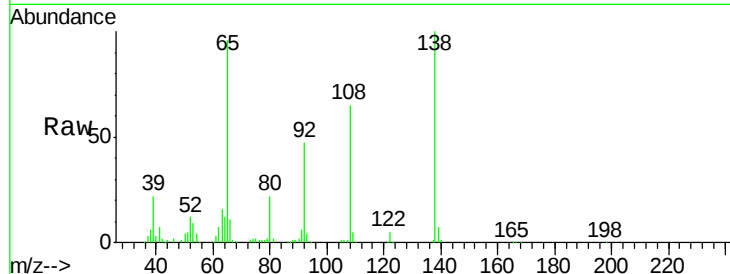




#61
4-Nitroaniline
Concen: 54.924 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

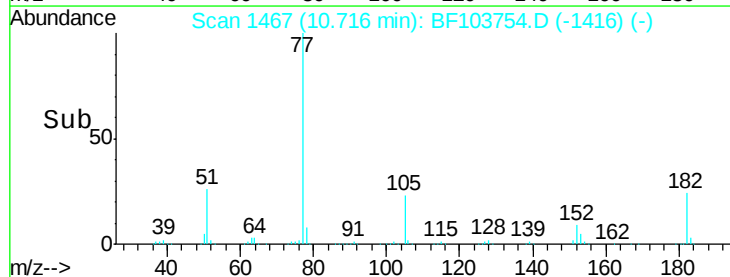
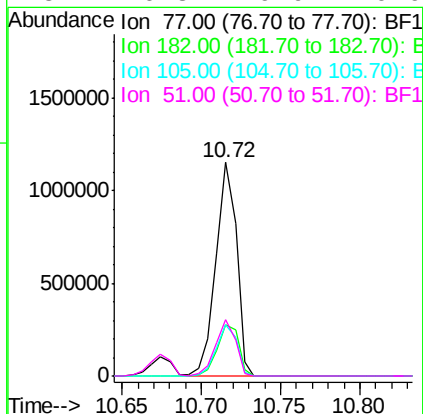
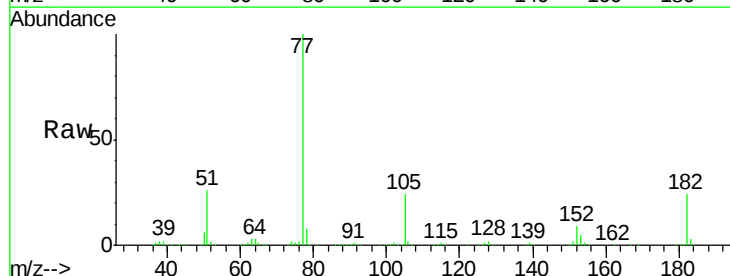
Instrument :
BNA_F
ClientSampleId :

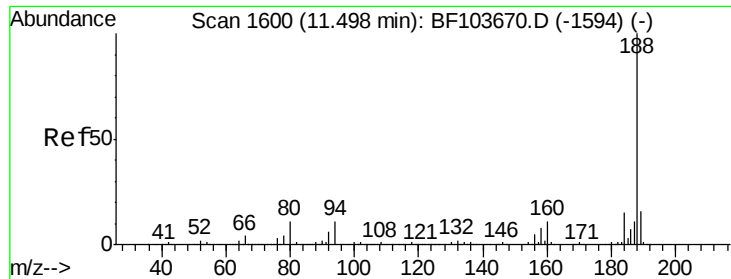
Tot Ion:138 Resp: 289184
Ion Ratio Lower Upper
138 100
92 47.1 30.2 70.2
108 65.4 52.5 92.5



#62
Azobenzene
Concen: 44.202 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion: 77 Resp: 1041356
Ion Ratio Lower Upper
77 100
182 23.8 1.7 41.7
105 23.7 3.0 43.0
51 26.3 9.9 49.9

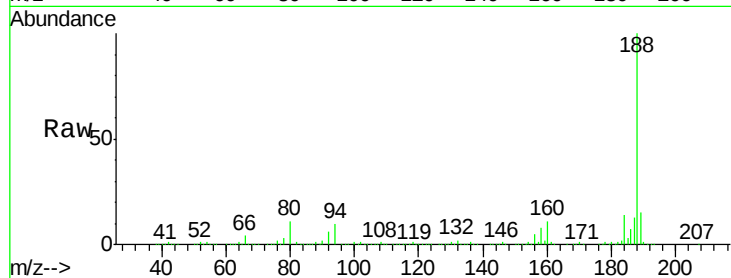




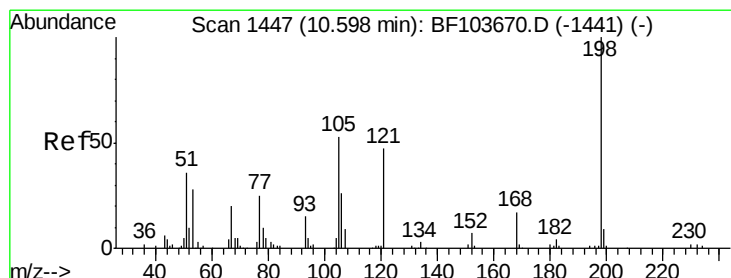
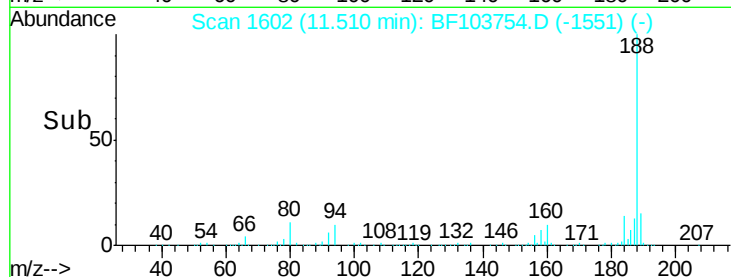
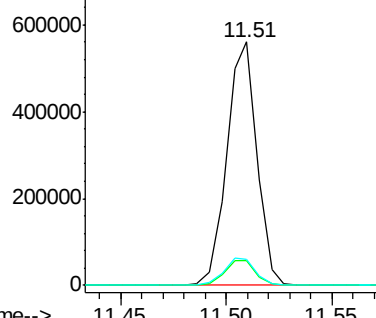
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 554725
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.7 9.2 13.8

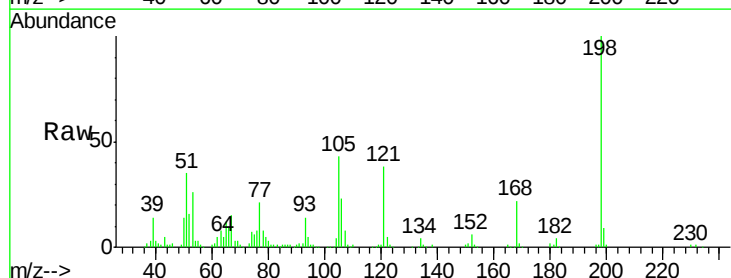


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

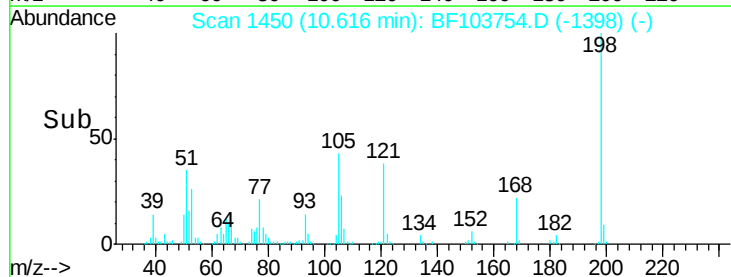
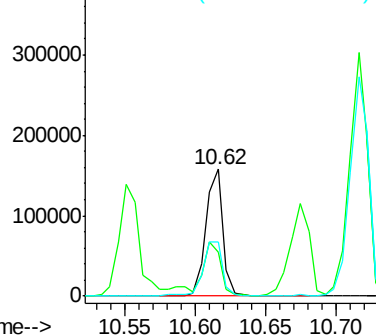


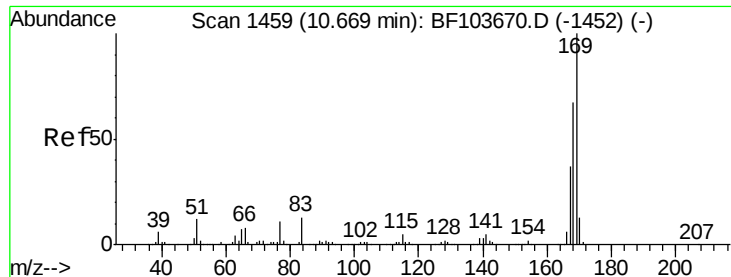
#64
4,6-Dinitro-2-methylphenol
Concen: 58.697 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:198 Resp: 132510
Ion Ratio Lower Upper
198 100
51 35.1 37.7 77.7#
105 42.6 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

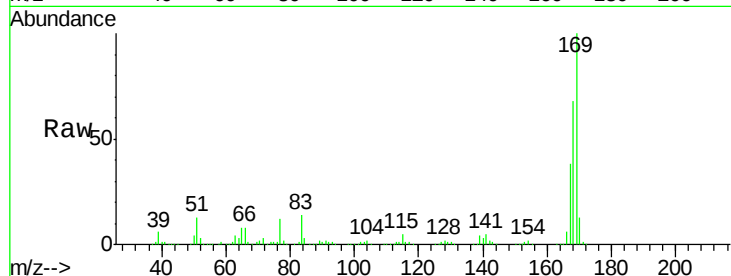




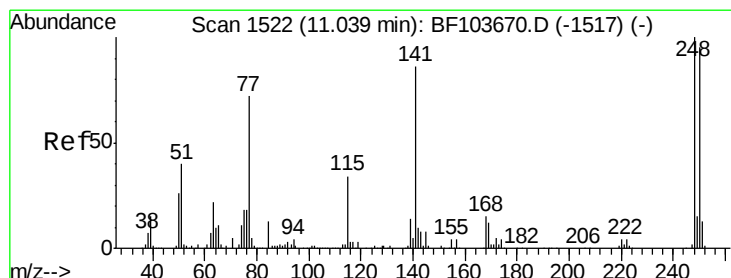
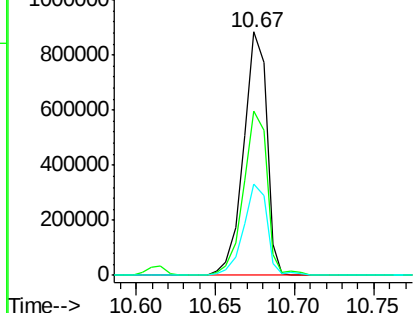
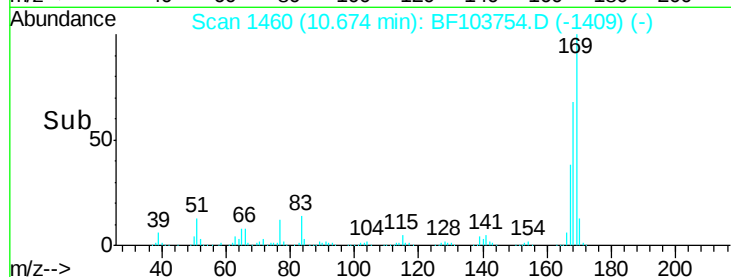
#65
 n-Nitrosodiphenylamine
 Concen: 47.339 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.7	54.4	81.6	
167	37.6	29.8	44.6	

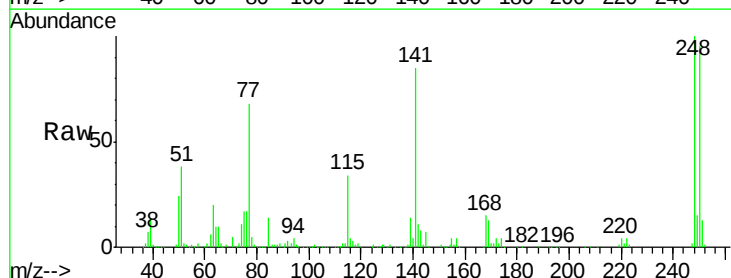


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

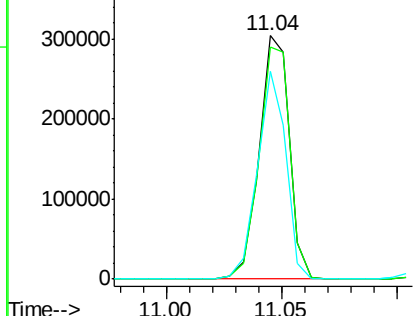
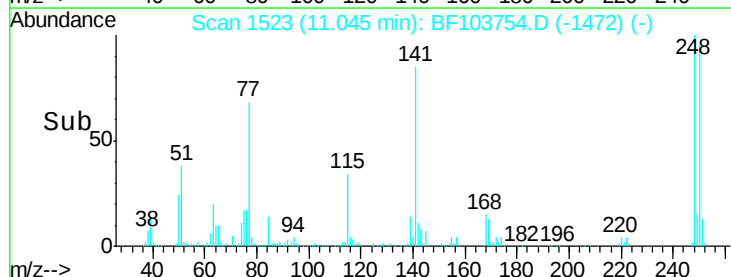


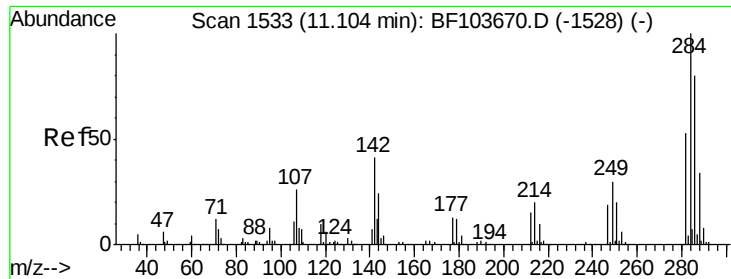
#66
 4-Bromophenyl-phenylether
 Concen: 48.527 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	95.5	76.9	115.3	
141	85.4	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

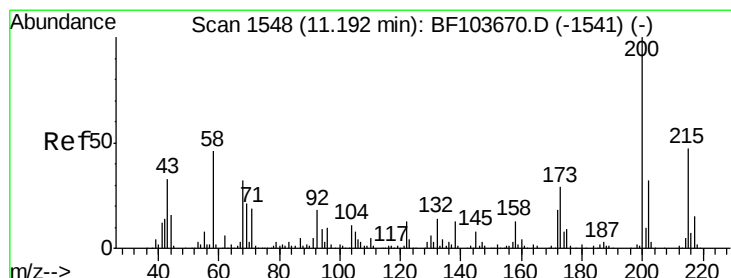
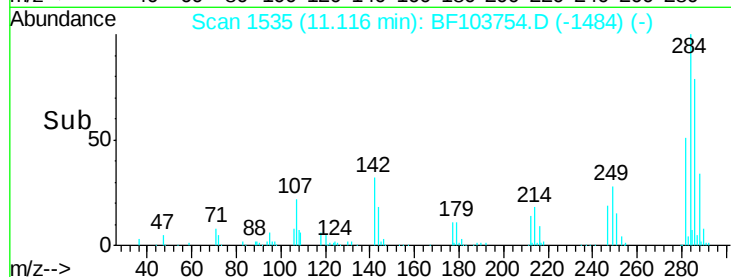
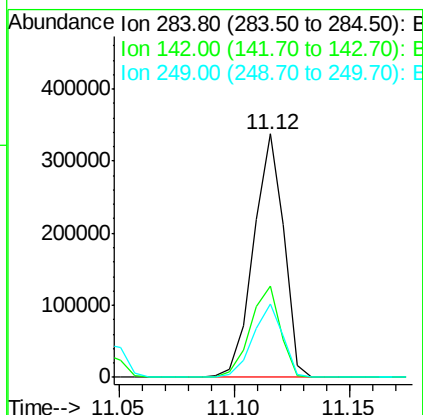
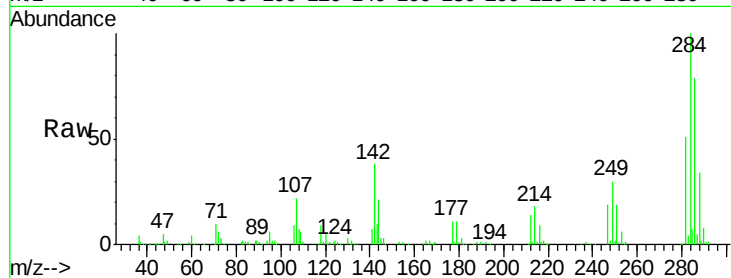




#67
Hexachlorobenzene
Concen: 47.225 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

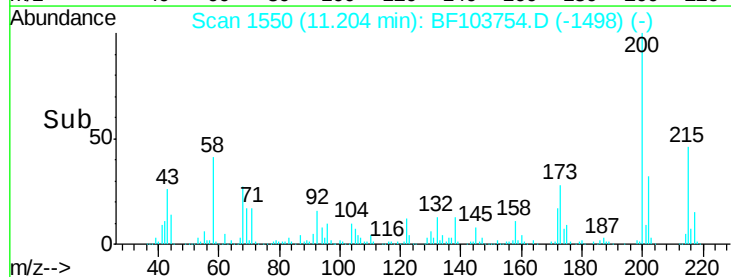
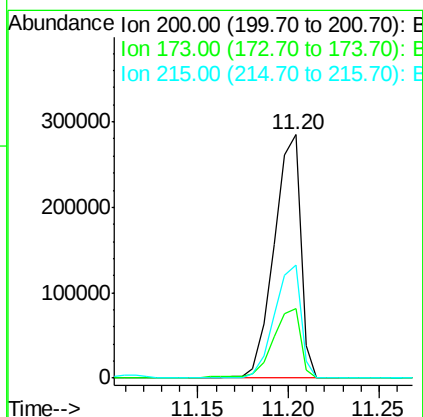
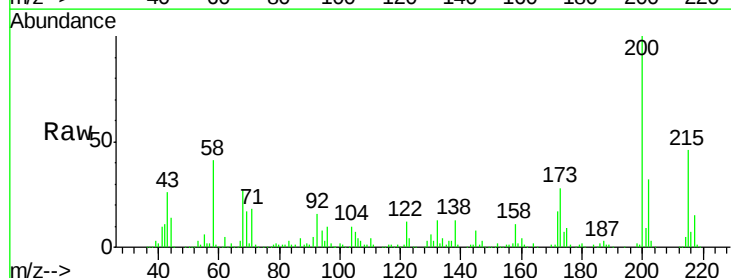
Instrument :
BNA_F
ClientSampleId :

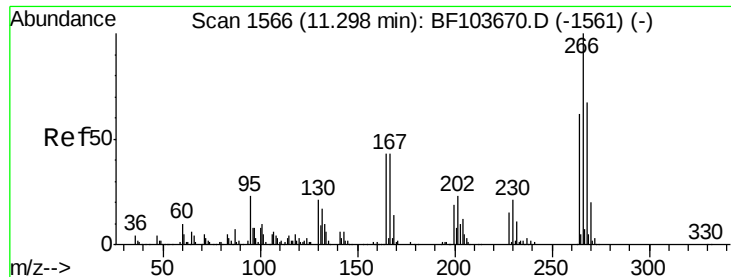
Tot Ion:284 Resp: 306992
Ion Ratio Lower Upper
284 100
142 37.7 34.6 52.0
249 30.3 24.8 37.2



#68
Atrazine
Concen: 49.652 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:200 Resp: 290013
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 46.3 25.1 65.1

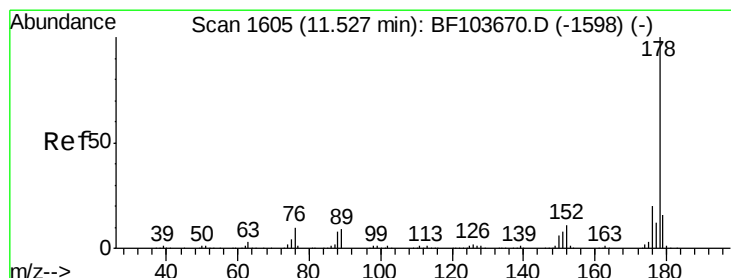
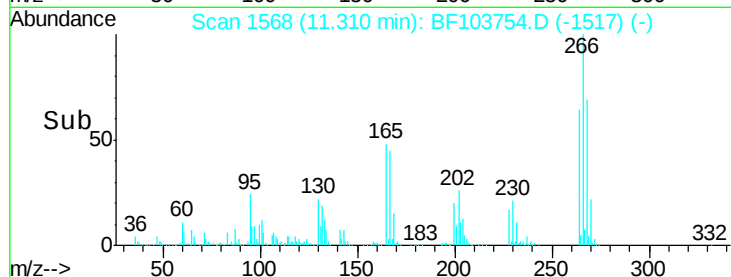
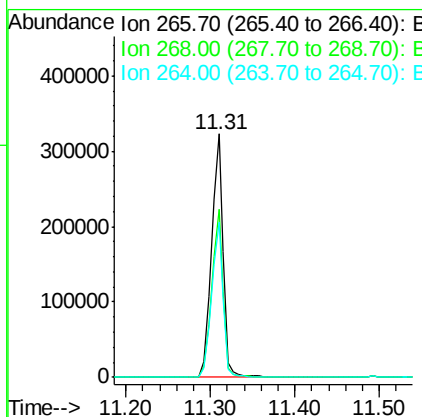
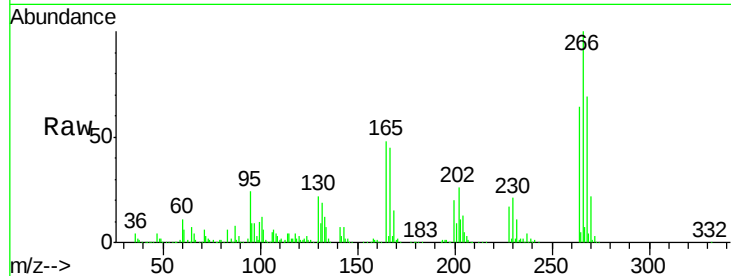




#69
 Pentachlorophenol
 Concen: 85.475 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

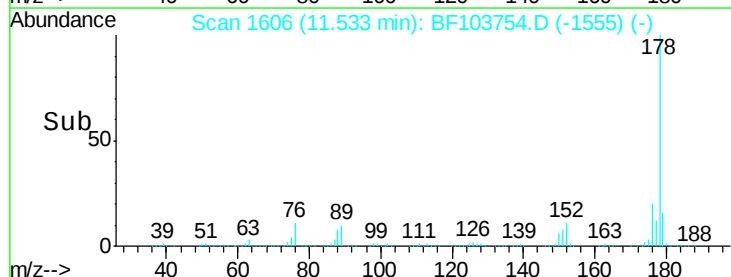
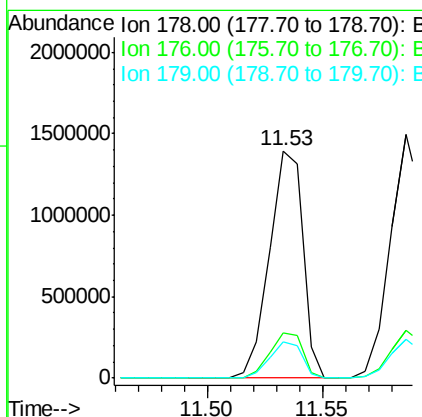
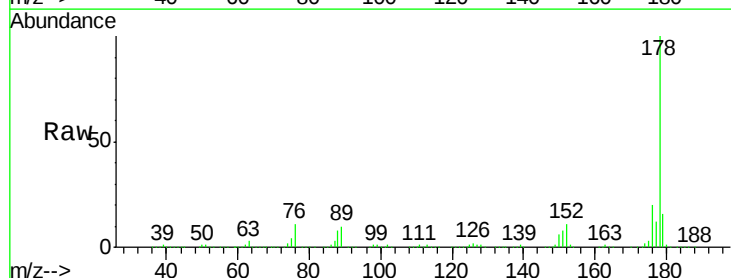
Instrument :
 BNA_F
 ClientSampleId :

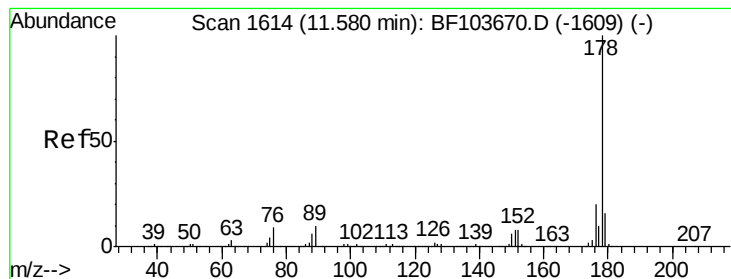
Tot Ion:266 Resp: 319443
 Ion Ratio Lower Upper
 266 100
 268 68.9 51.1 76.7
 264 63.7 49.5 74.3



#70
 Phenanthrene
 Concen: 46.306 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion:178 Resp: 1405147
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.9 13.0 19.6





#71

Anthracene

Concen: 46.698 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

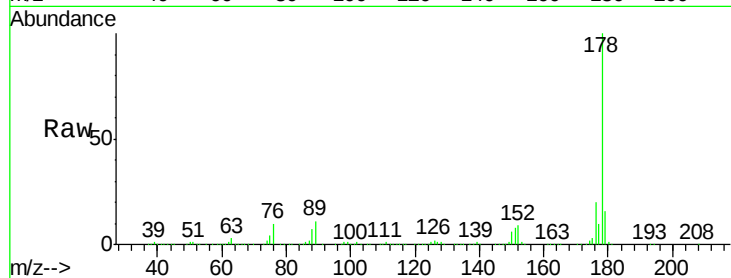
Tot Ion:178 Resp: 1439234

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

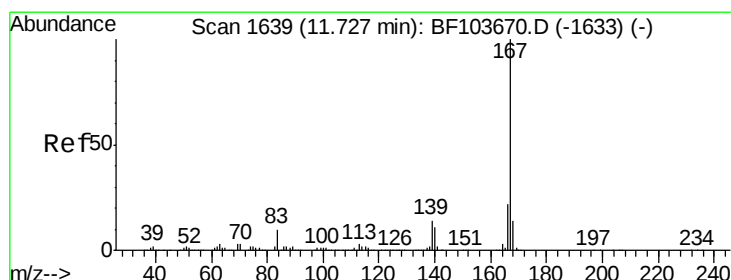
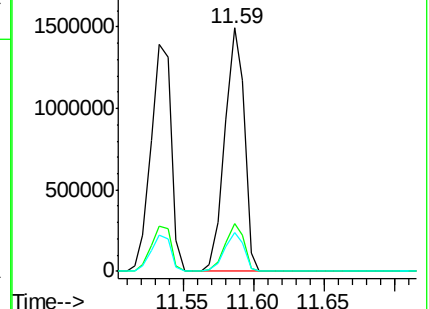
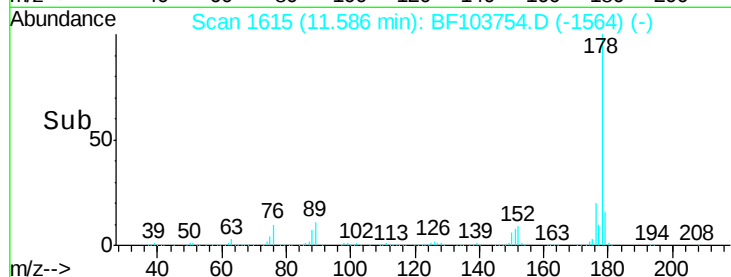
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.106 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

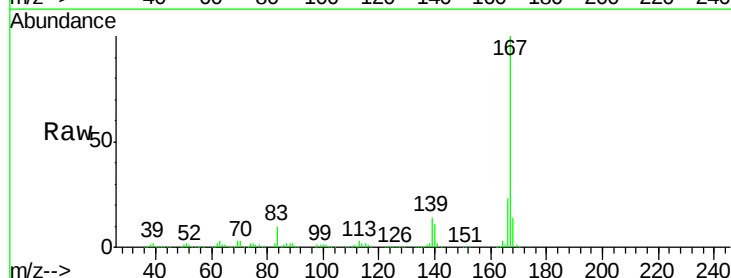
Tgt Ion:167 Resp: 1381117

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

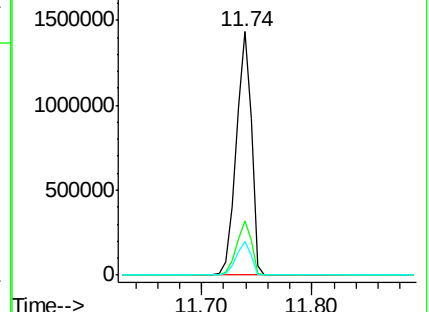
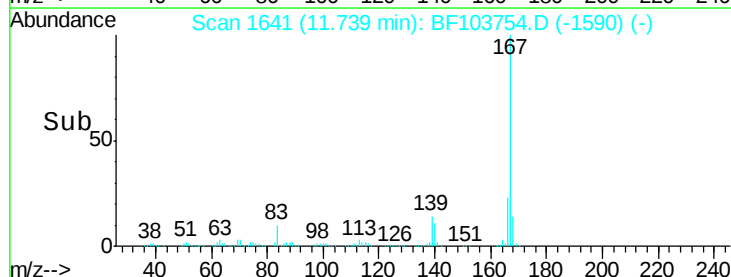
139 13.6 10.9 16.3

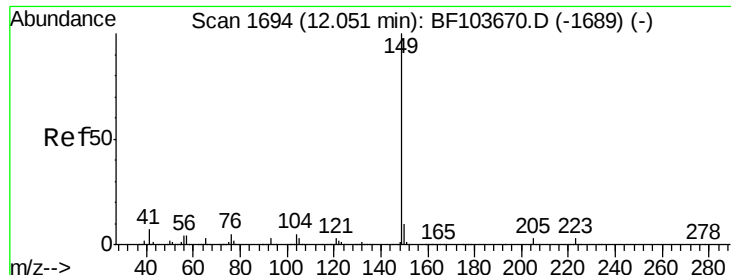


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.987 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

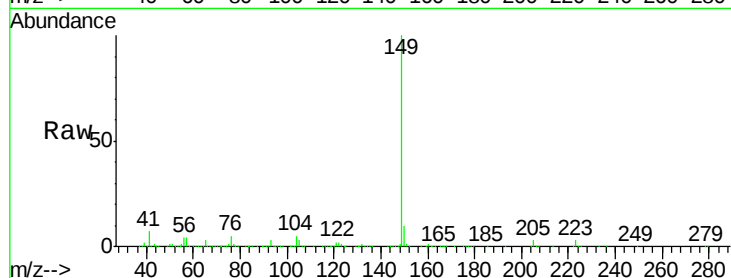
Tot Ion:149 Resp: 1688871

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

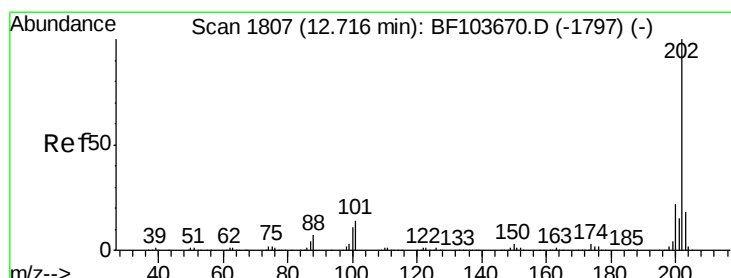
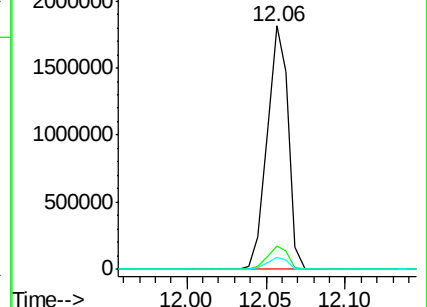
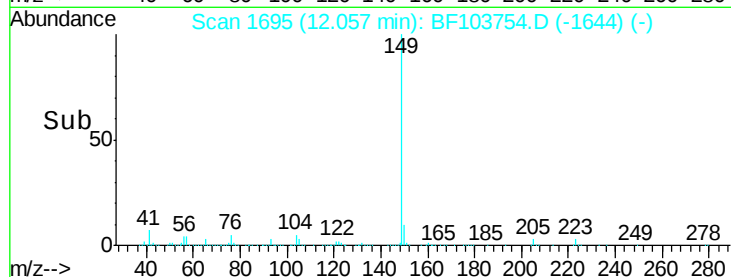
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.334 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

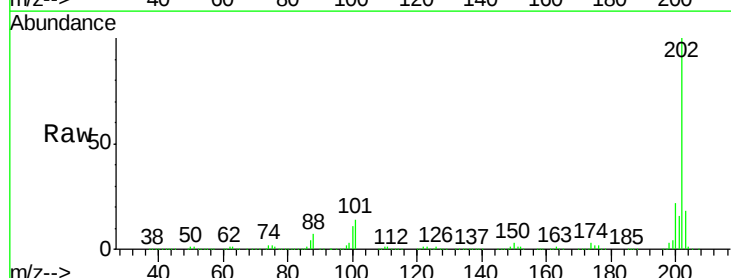
Tgt Ion:202 Resp: 1479762

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

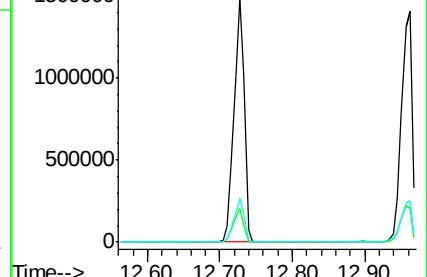
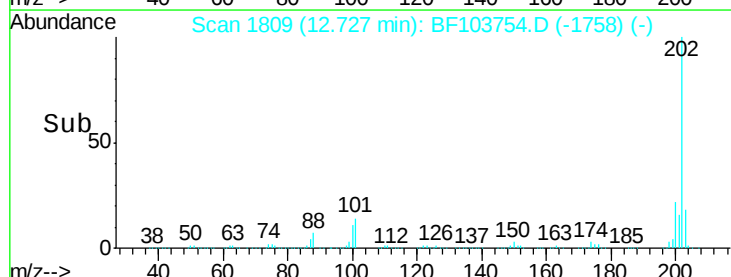
203 18.0 0.0 38.1

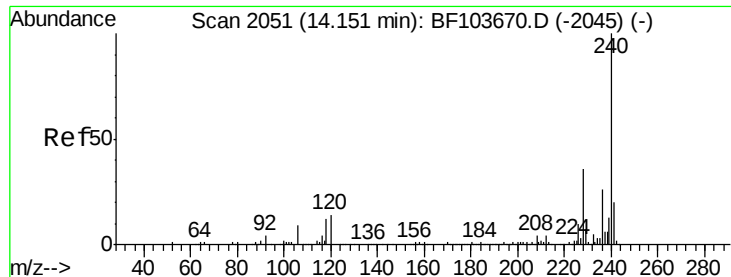


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :

BNA_F

ClientSampleId :

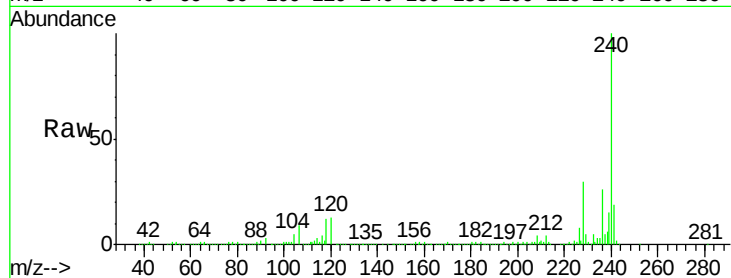
Tot Ion:240 Resp: 425402

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

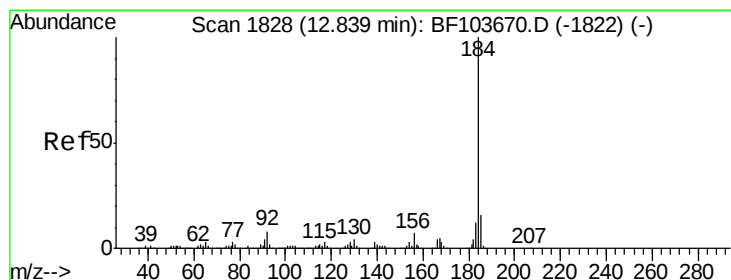
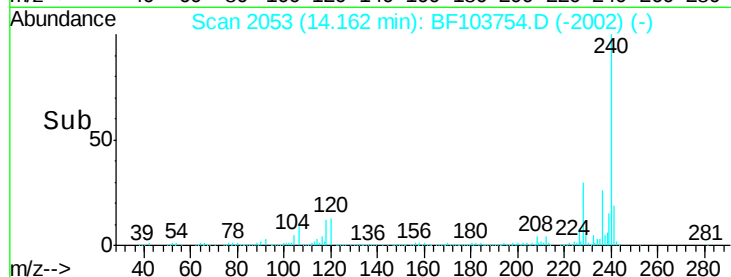
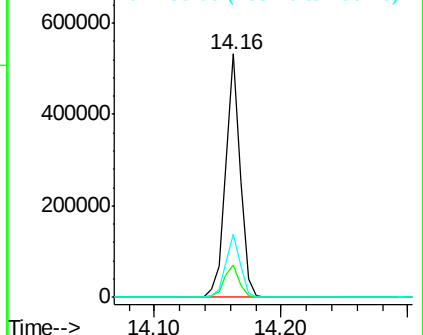
236 25.8 20.7 31.1



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



#76

Benzidine

Concen: 8.175 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

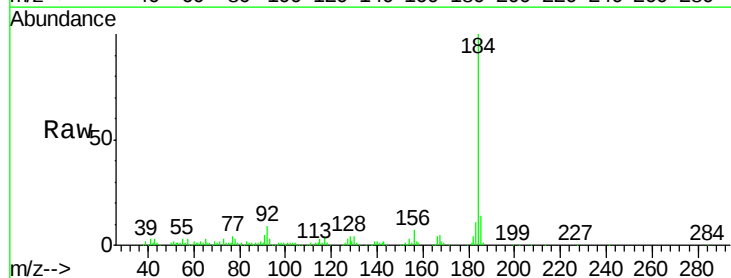
Tgt Ion:184 Resp: 148330

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

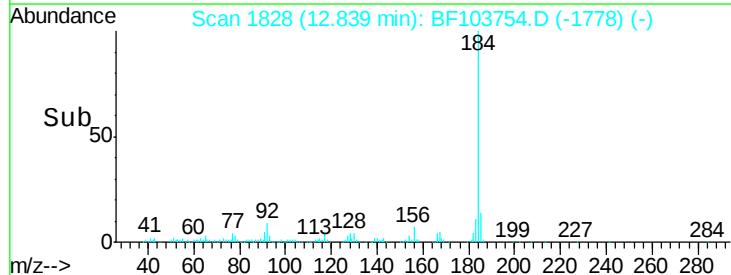
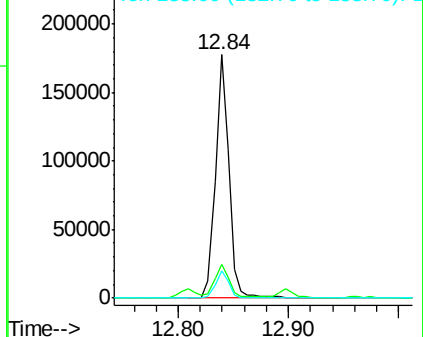
183 11.0 9.3 13.9

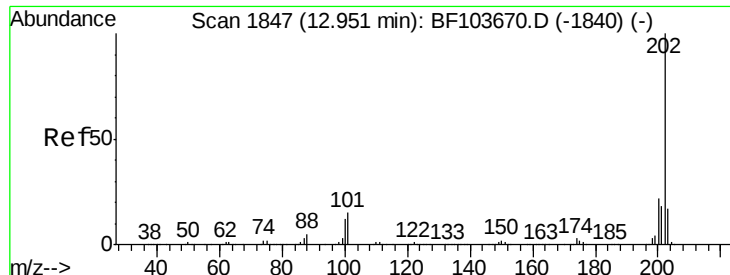


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

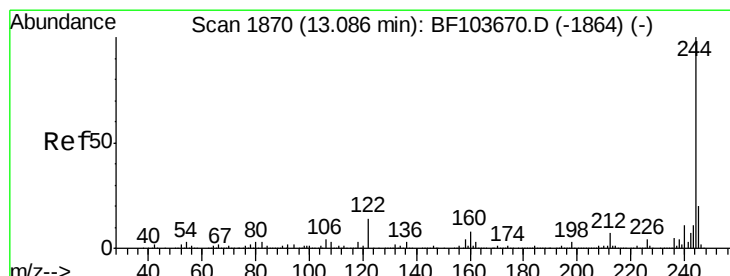
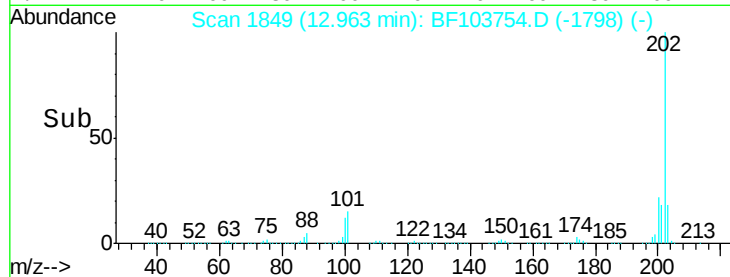
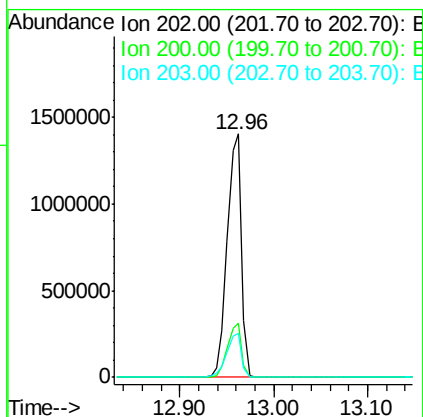
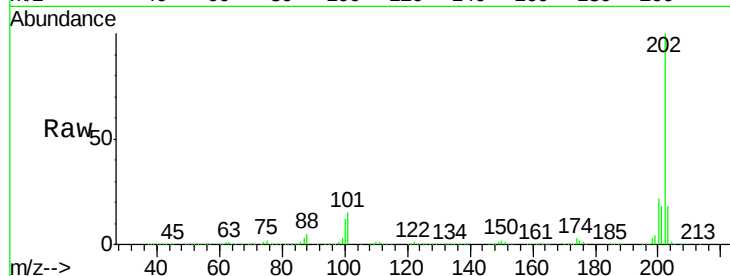




#77
Pvrene
Concen: 47.372 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

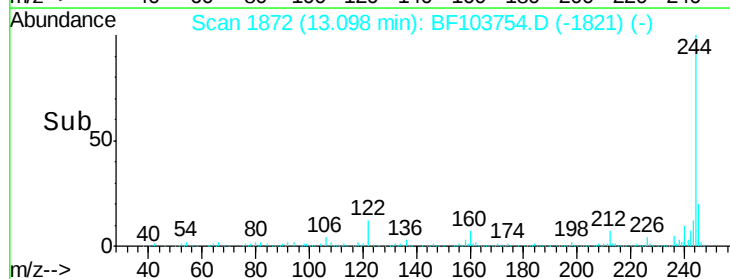
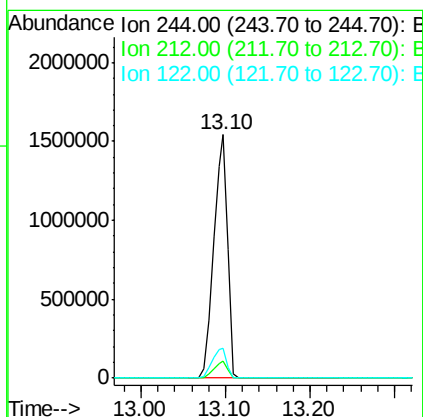
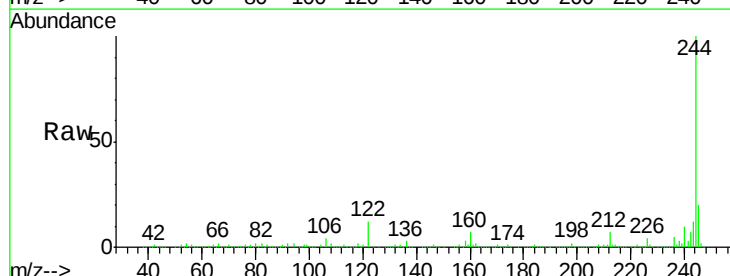
Instrument :
BNA_F
ClientSampleId :

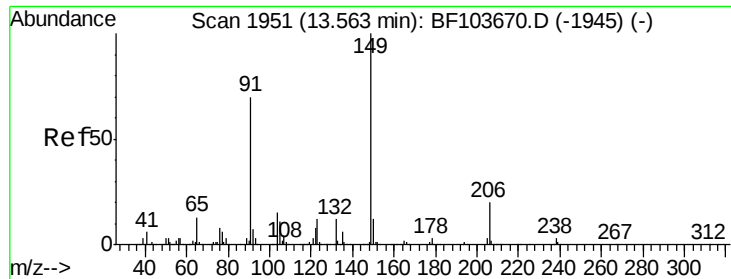
Tot Ion:202 Resp: 1479947
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 97.873 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:244 Resp: 1793748
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.1 11.0 16.4

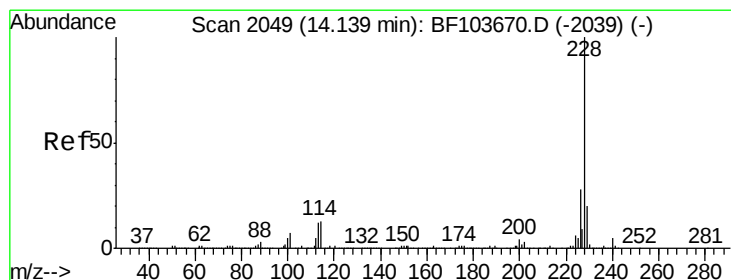
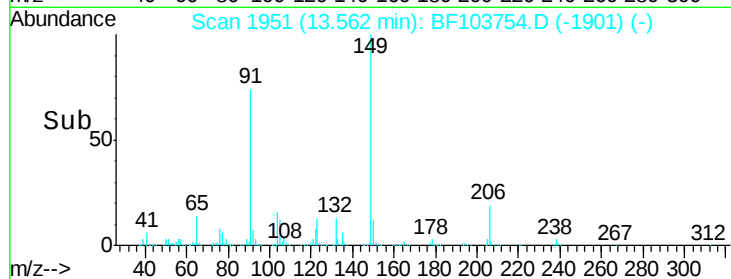
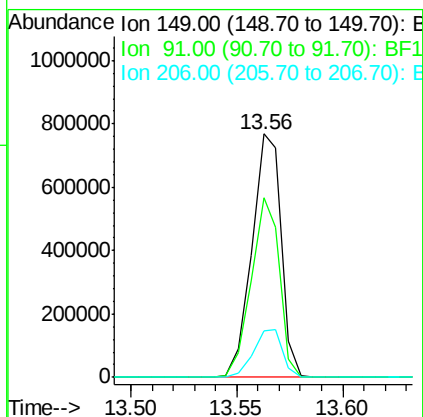
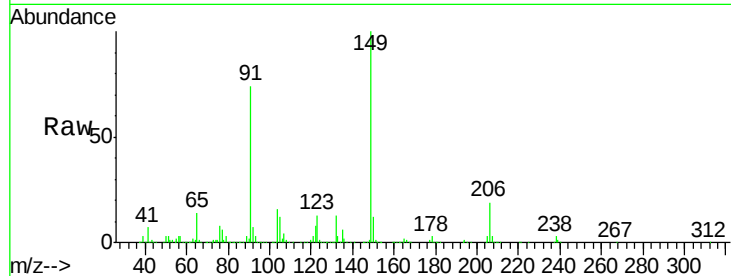




#79
Butylbenzylphthalate
Concen: 53.489 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

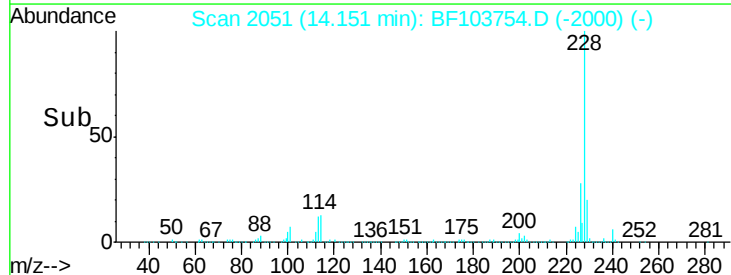
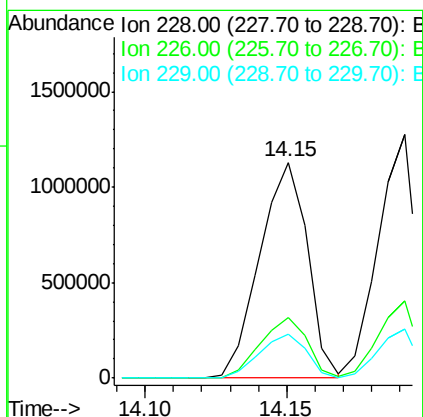
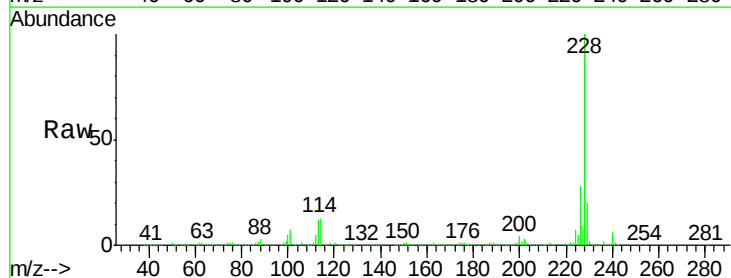
Instrument :
BNA_F
ClientSampleId :

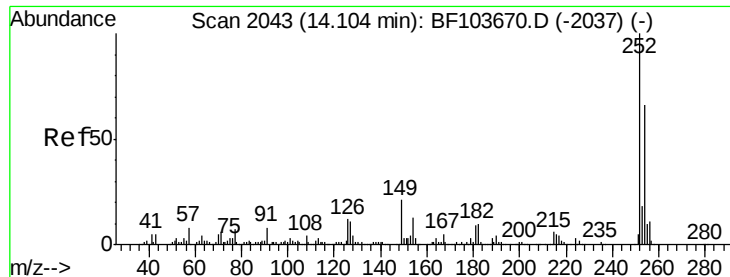
Tot Ion:149 Resp: 740373
Ion Ratio Lower Upper
149 100
91 73.6 56.8 85.2
206 19.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 49.229 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:228 Resp: 1325625
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.3 15.8 23.6

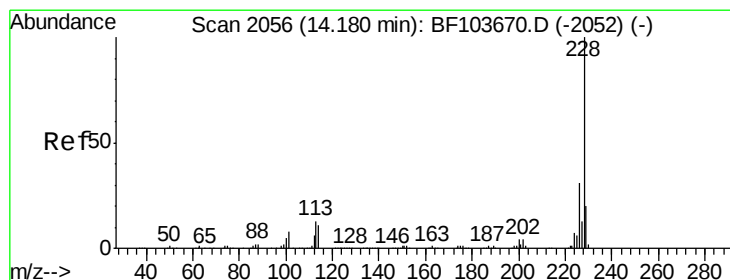
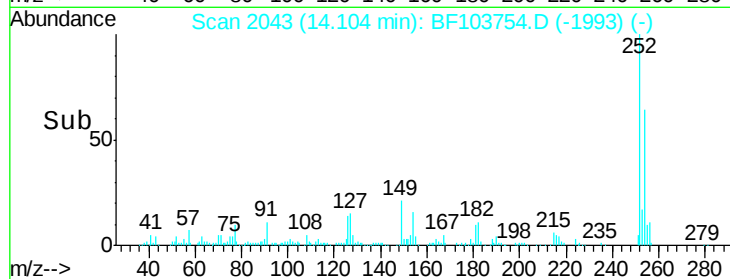
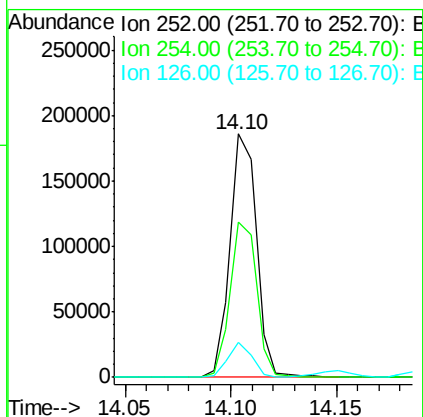
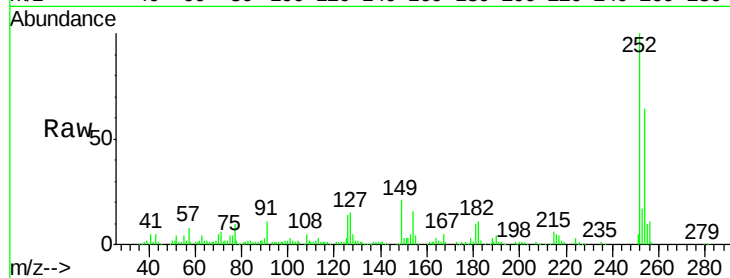




#81
 3,3'-Dichlorobenzidine
 Concen: 17.856 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

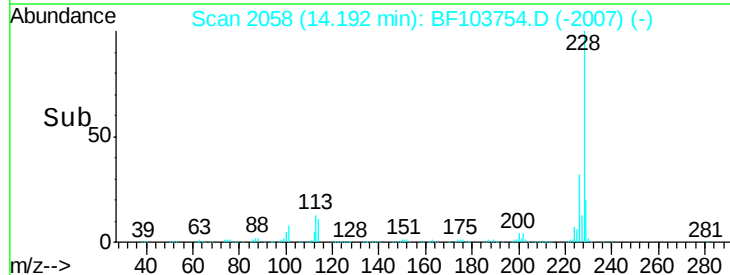
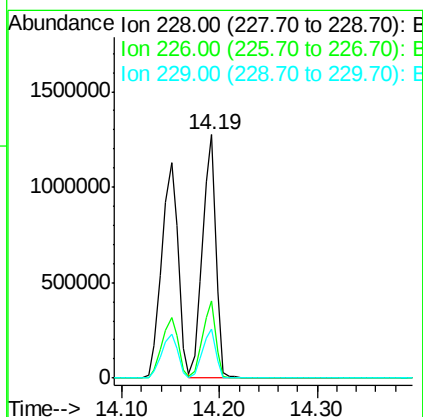
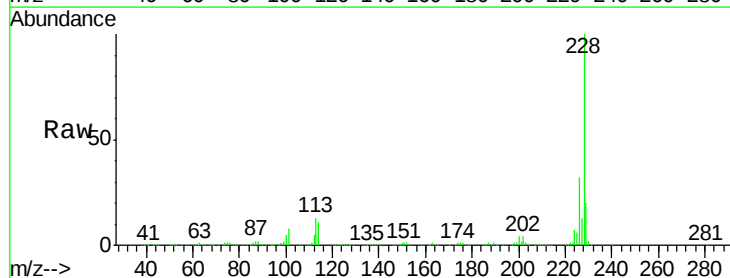
Instrument :
 BNA_F
 ClientSampleId :

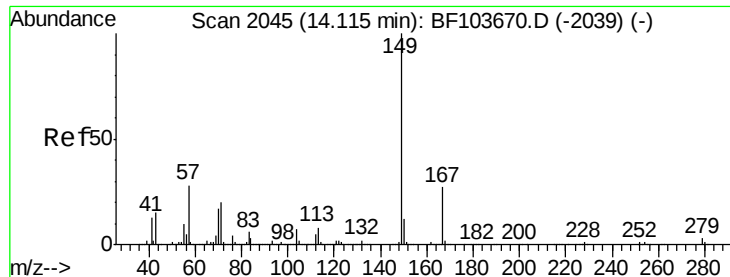
Tot Ion:252 Resp: 160829
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.4 75.6
 126 14.3 11.3 16.9



#82
 Chrysene
 Concen: 47.205 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion:228 Resp: 1211718
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.6
 229 20.1 16.2 24.4

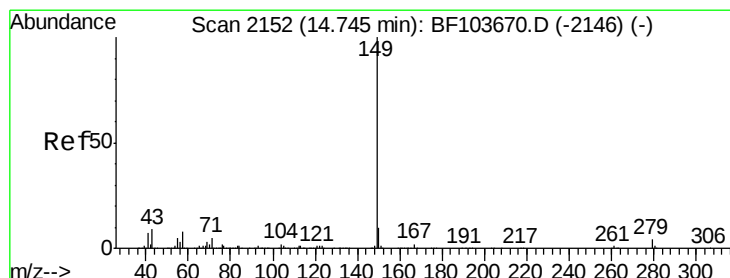
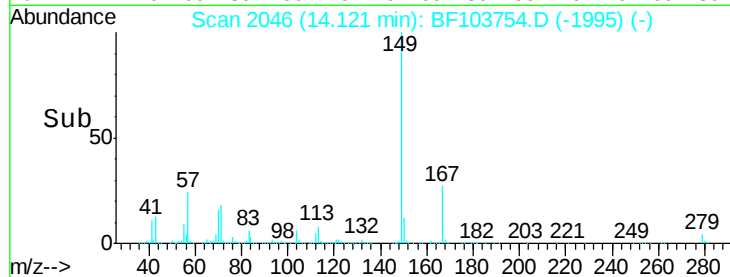
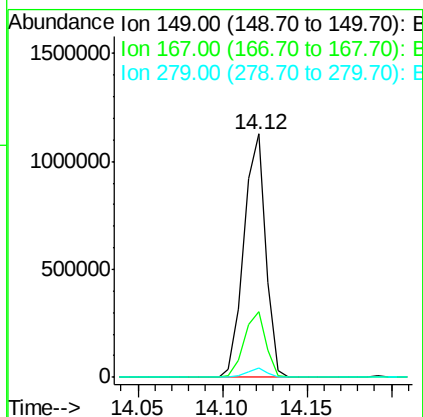
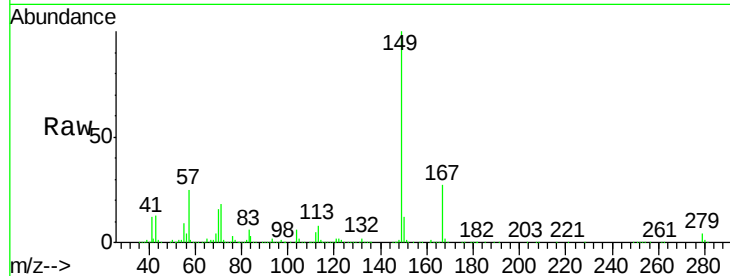




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.682 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

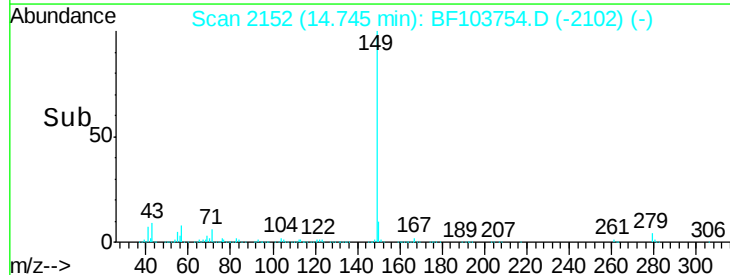
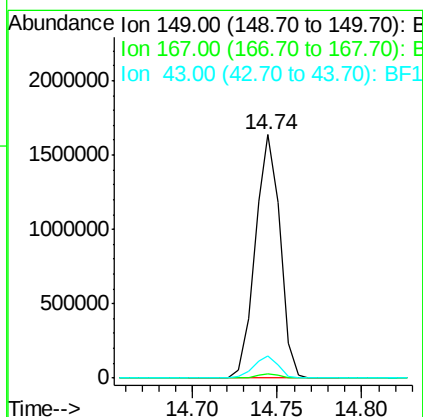
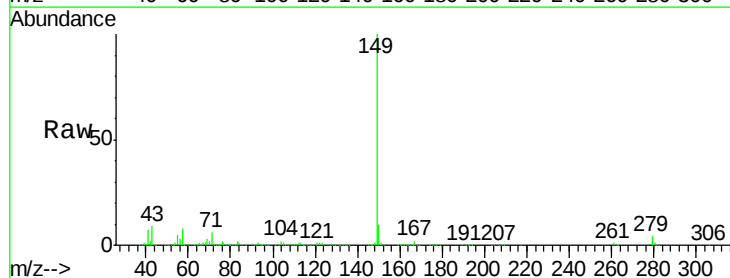
Instrument :
 BNA_F
 ClientSampleId :

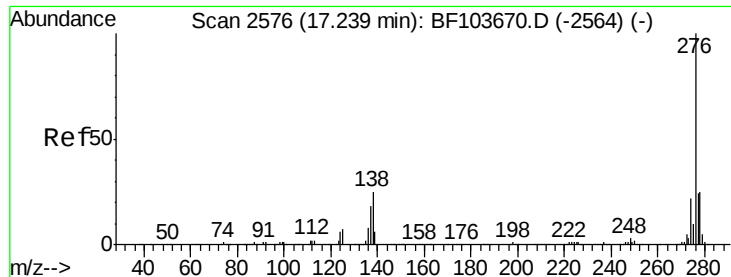
Tot Ion:149 Resp: 1021941
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.8 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 58.156 ng
 RT: 14.74 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Tgt Ion:149 Resp: 1672986
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.8 8.4 12.6

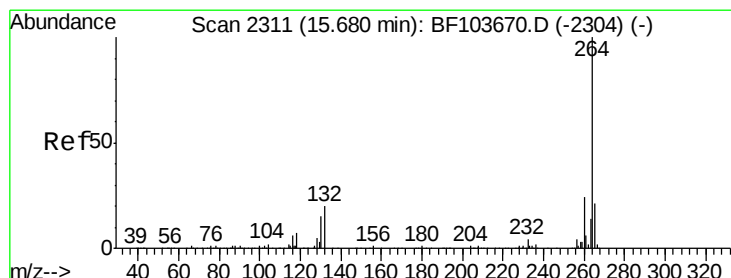
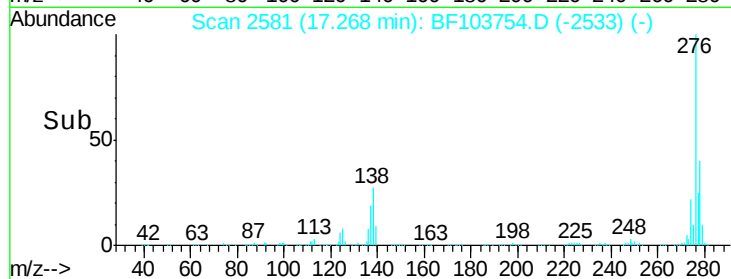
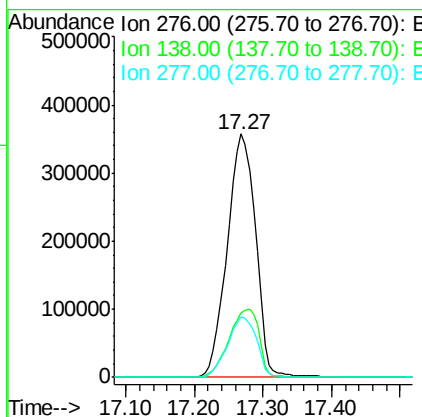
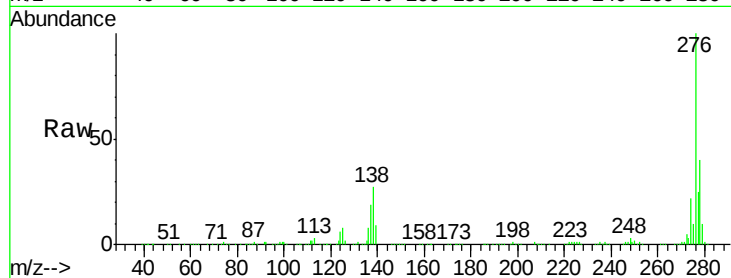




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.925 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.02 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

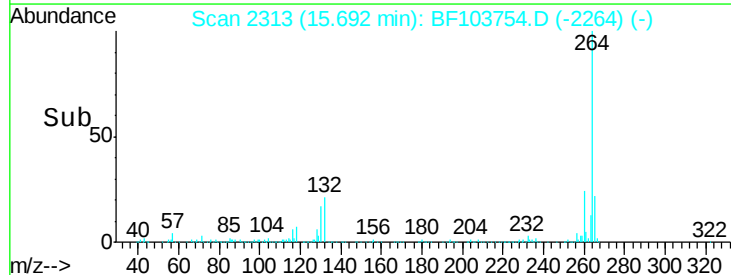
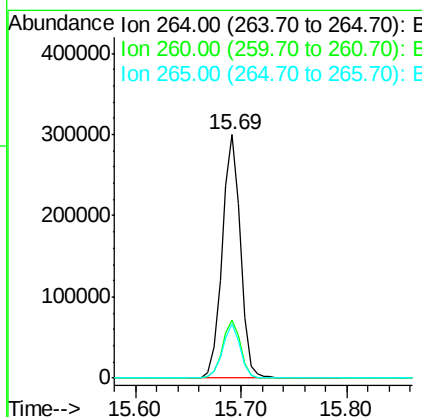
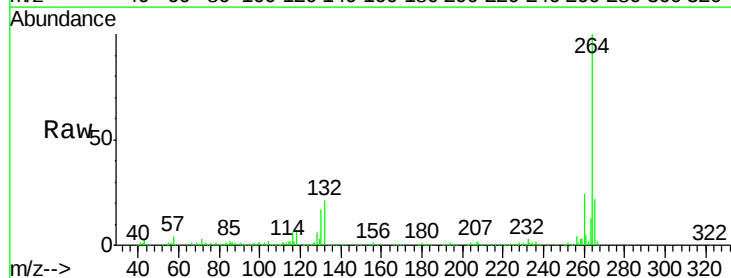
Instrument :
BNA_F
ClientSampleId :

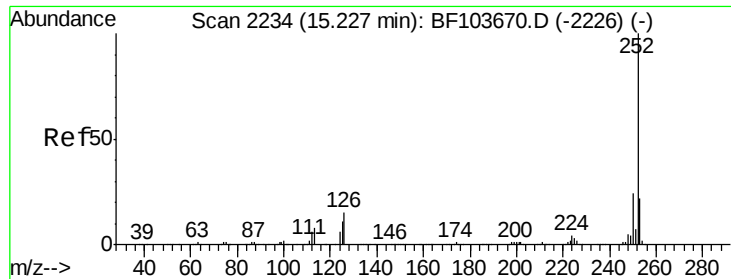
Tot Ion:276 Resp: 1029489
Ion Ratio Lower Upper
276 100
138 29.8 25.0 37.6
277 25.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:264 Resp: 361285
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 54.107 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

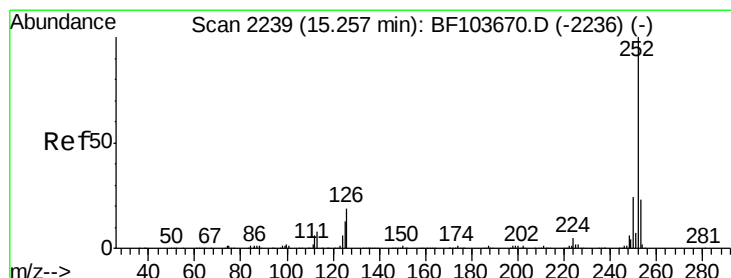
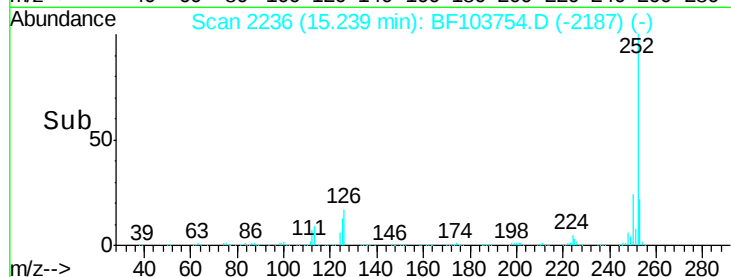
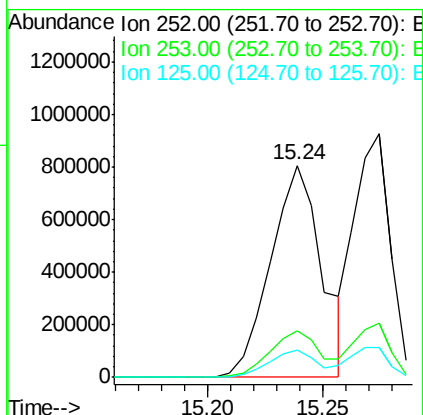
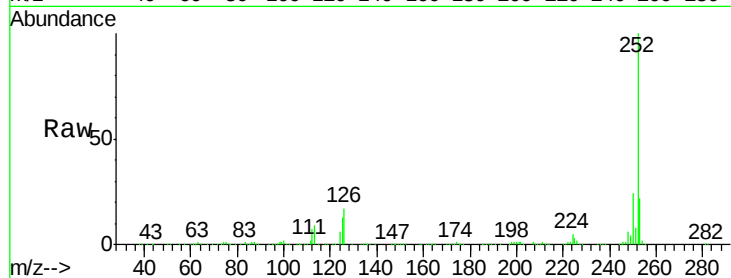
Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1235009

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 46.388 ng

RT: 15.27 min Scan# 2242

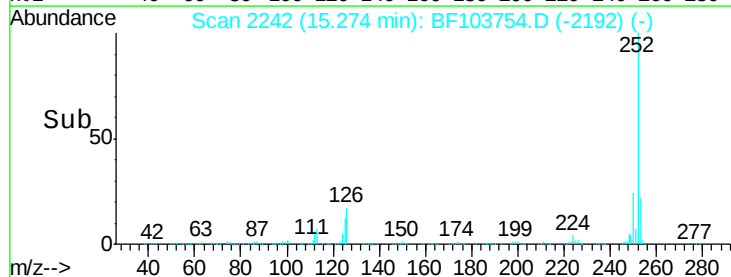
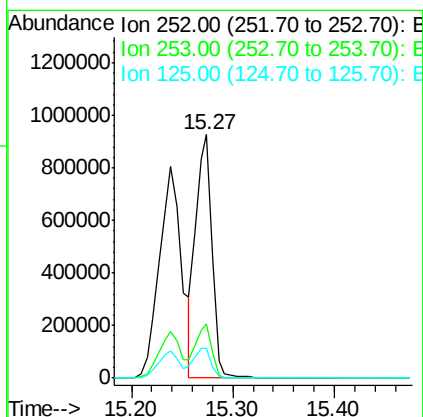
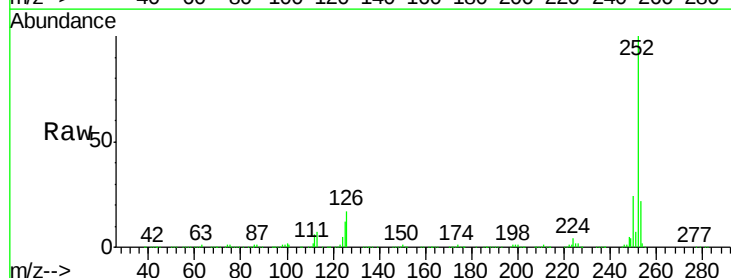
Delta R.T. -0.01 min

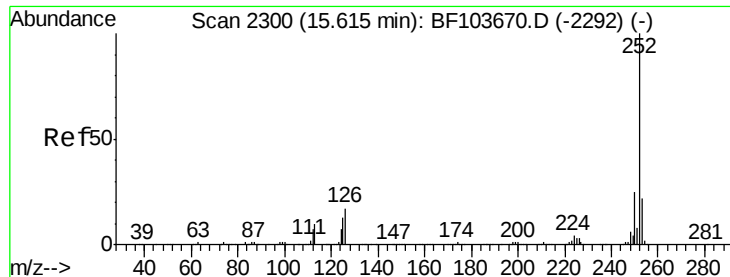
Lab File: BF103754.D

Acq: 19 Mar 2018 13:57

Tgt Ion:252 Resp: 1017798

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.2	10.2	15.2

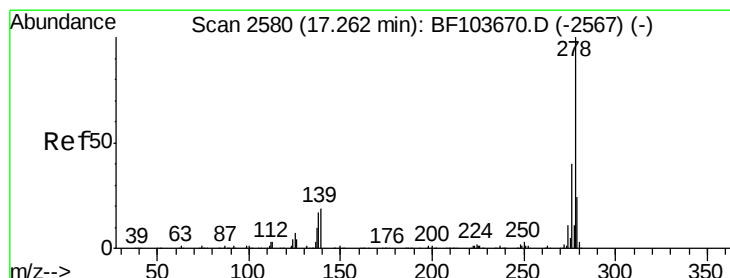
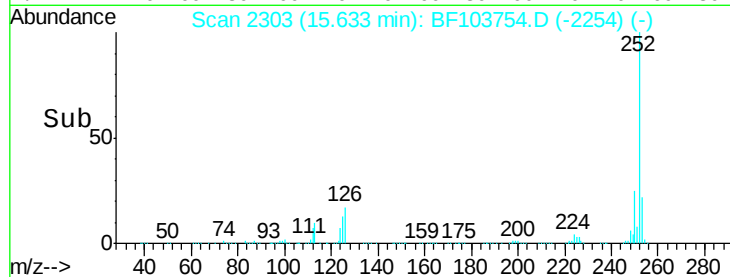
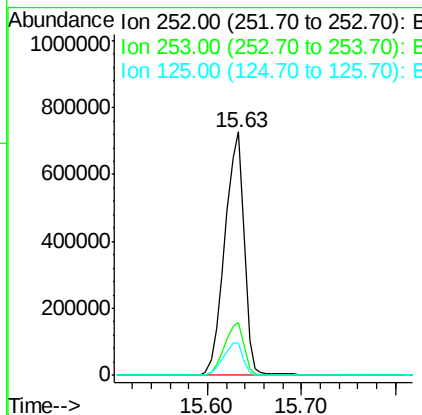
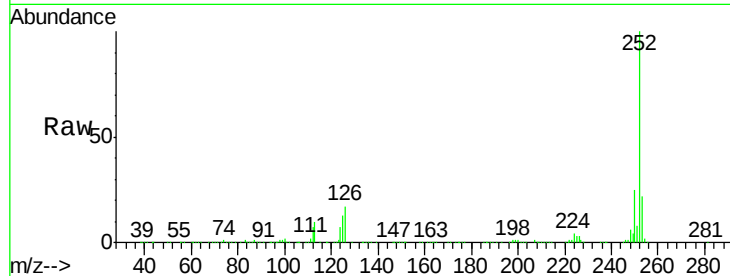




#89
Benzo(a)pyrene
Concen: 51.010 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

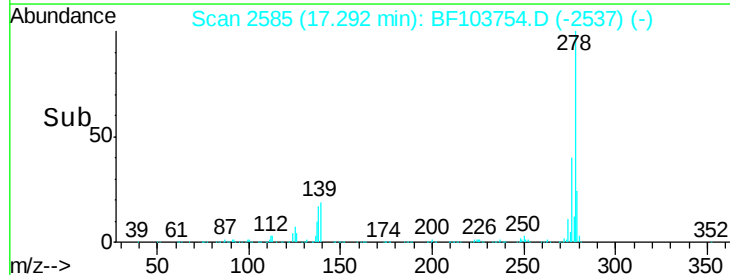
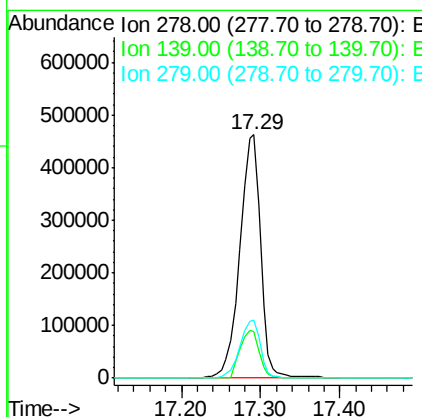
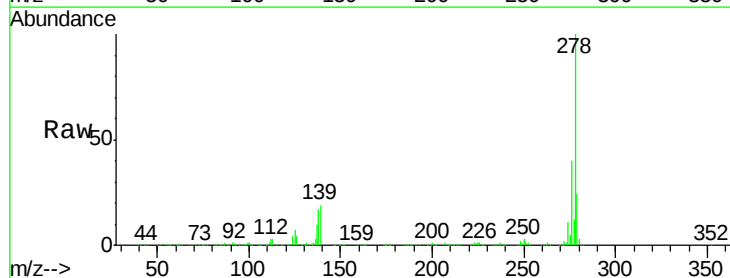
Instrument :
BNA_F
ClientSampled :

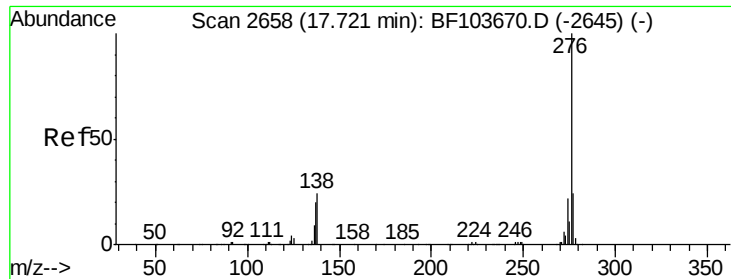
Tot Ion:252 Resp: 1056034
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 13.4 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 47.006 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BF103754.D
Acq: 19 Mar 2018 13:57

Tgt Ion:278 Resp: 842640
Ion Ratio Lower Upper
278 100
139 18.9 15.9 23.9
279 24.0 19.0 28.4

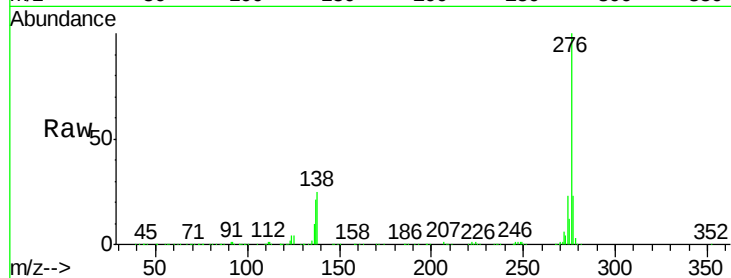




#91
 Benzo(a,h,i)perylene
 Concen: 49.621 ng
 RT: 17.76 min Scan# 2664
 Delta R.T. -0.02 min
 Lab File: BF103754.D
 Acq: 19 Mar 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	24.9	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

