

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103879.D
 Acq On : 23 Mar 2018 14:47
 Operator : JU/SJ
 Sample : J1998-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 18:10:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152737	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	616879	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	278747	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	439520	20.00	ng	0.00
75) Chrysene-d12	14.17	240	278726	20.00	ng	0.00
86) Perylene-d12	15.71	264	290827	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1213644	120.86	ng	0.02
7) Phenol-d6	6.61	99	1539782	125.33	ng	0.01
23) Nitrobenzene-d5	7.55	82	953140	107.75	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	356557	148.77	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1545484	88.44	ng	0.00
78) Terphenyl-d14	13.10	244	1164670	96.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	150953	30.529	ng	# 89
3) Pyridine	3.65	79	440769	32.408	ng	87
4) n-Nitrosodimethylamine	3.61	42	172665	34.432	ng	# 70
6) Aniline	6.64	93	388397	22.140	ng	97
8) 2-Chlorophenol	6.76	128	444340	42.240	ng	97
9) Benzaldehyde	6.53	77	129276	16.017	ng	95
10) Phenol	6.62	94	563495	43.164	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	428474	39.758	ng	96
12) 1,3-Dichlorobenzene	6.92	146	455048	37.980	ng	99
13) 1,4-Dichlorobenzene	6.99	146	456313	37.902	ng	100
14) 1,2-Dichlorobenzene	7.15	146	425191	38.059	ng	99
15) Benzyl Alcohol	7.12	79	383620	40.301	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	562713	36.711	ng	93
17) 2-Methylphenol	7.22	107	377076	40.252	ng	98
18) Hexachloroethane	7.49	117	157524	37.197	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	289537	36.774	ng	93
20) 3+4-Methylphenols	7.37	107	454658	38.243	ng	# 88
22) Acetophenone	7.39	105	579519	36.553	ng	# 93
24) Nitrobenzene	7.56	77	456732	43.979	ng	94
25) Isophorone	7.79	82	842249	41.130	ng	99
26) 2-Nitrophenol	7.87	139	240183	58.271	ng	91
27) 2,4-Dimethylphenol	7.90	122	393235	44.825	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	556053	44.843	ng	99
29) 2,4-Dichlorophenol	8.12	162	369585	46.307	ng	95
30) 1,2,4-Trichlorobenzene	8.20	180	367568	39.707	ng	100
31) Naphthalene	8.28	128	1227355	39.387	ng	99
32) Benzoic acid	7.97	122	35472	14.453	ng	98
33) 4-Chloroaniline	8.32	127	140997	10.785	ng	97
34) Hexachlorobutadiene	8.39	225	196320	38.681	ng	99
35) Caprolactam	8.70	113	99137	36.072	ng	# 84
36) 4-Chloro-3-methylphenol	8.80	107	397992	45.233	ng	98
37) 2-Methylnaphthalene	8.97	142	816160	41.301	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	343146	43.150	ng	98
40) Hexachlorocyclopentadiene	9.12	237	126106	30.732	ng	98

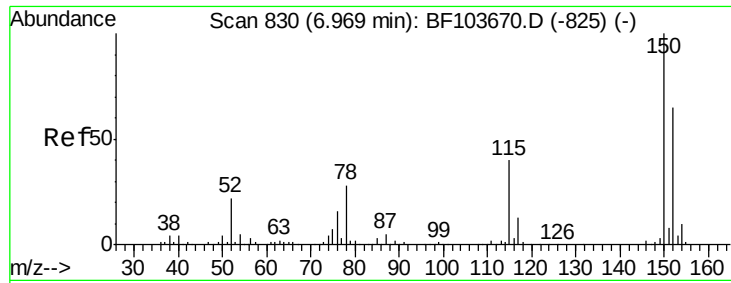
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103879.D
 Acq On : 23 Mar 2018 14:47
 Operator : JU/SJ
 Sample : J1998-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 18:10:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	248449	48.844	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	266488	46.418	ng	97
45) 1,1'-Biphenyl	9.43	154	943116	40.576	ng	99
46) 2-Chloronaphthalene	9.46	162	754902	40.891	ng	99
47) 2-Nitroaniline	9.56	65	236329	48.802	ng	98
48) Acenaphthylene	9.88	152	1132024	39.543	ng	99
49) Dimethylphthalate	9.73	163	1049957	49.370	ng	99
50) 2,6-Dinitrotoluene	9.80	165	200841	48.751	ng	98
51) Acenaphthene	10.06	154	687973	40.473	ng	99
52) 3-Nitroaniline	9.97	138	148646	31.566	ng	97
53) 2,4-Dinitrophenol	10.07	184	57291	57.632	ng	# 20
54) Dibenzofuran	10.23	168	1003588	41.339	ng	100
55) 4-Nitrophenol	10.13	139	342821	87.547	ng	87
56) 2,4-Dinitrotoluene	10.21	165	260546	49.732	ng	# 85
57) Fluorene	10.57	166	763228	40.514	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	199748	49.102	ng	95
59) Diethylphthalate	10.43	149	857713	40.635	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	363340	42.202	ng	96
61) 4-Nitroaniline	10.59	138	181947	39.096	ng	97
62) Azobenzene	10.72	77	802191	37.381	ng	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	58343	39.762	ng	# 77
65) n-Nitrosodiphenylamine	10.67	169	698943	46.719	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	212621	47.116	ng	# 88
67) Hexachlorobenzene	11.12	284	224375	43.563	ng	96
68) Atrazine	11.20	200	214328	46.312	ng	99
69) Pentachlorophenol	11.32	266	224407	75.785	ng	98
70) Phenanthrene	11.54	178	991386	41.234	ng	99
71) Anthracene	11.59	178	1020101	41.774	ng	98
72) Carbazole	11.75	167	928458	39.119	ng	99
73) Di-n-butylphthalate	12.06	149	1242837	43.641	ng	100
74) Fluoranthene	12.73	202	873483	35.264	ng	100
76) Benzidine	12.85	184	523513	44.038	ng	98
77) Pyrene	12.96	202	855136	41.776	ng	100
79) Butylbenzylphthalate	13.57	149	423242	46.669	ng	92
80) Benzo(a)anthracene	14.16	228	742308	42.073	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	264323	44.789	ng	99
82) Chrysene	14.19	228	699238	41.575	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	580489	44.805	ng	99
84) Di-n-octyl phthalate	14.75	149	982812	52.143	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.29	276	670258	45.634	ng	98
87) Benzo(b)fluoranthene	15.25	252	733924	39.944	ng	99
88) Benzo(k)fluoranthene	15.28	252	736666	41.709	ng	99
89) Benzo(a)pyrene	15.64	252	704453	42.271	ng	98
90) Dibenzo(a,h)anthracene	17.31	278	570081	39.506	ng	99
91) Benzo(g,h,i)perylene	17.78	276	519310	36.992	ng	95

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

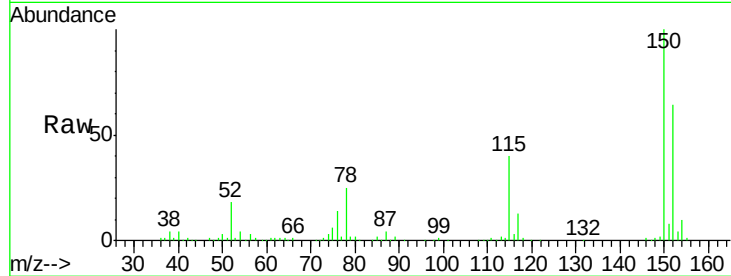


#1

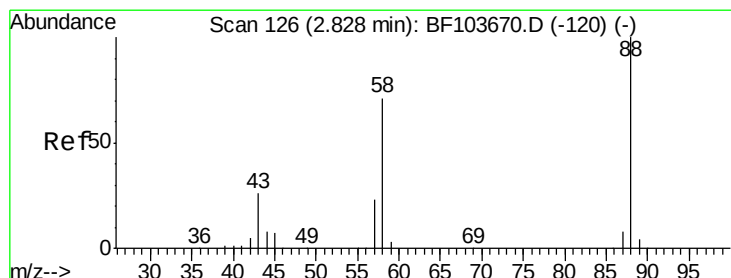
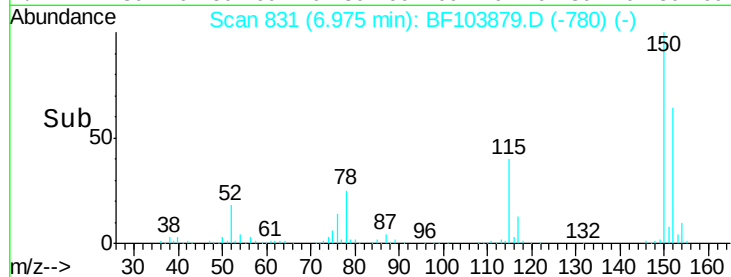
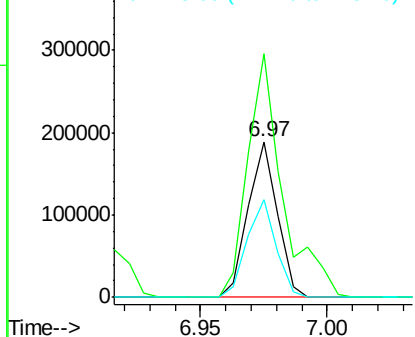
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	62.7	50.1	75.1



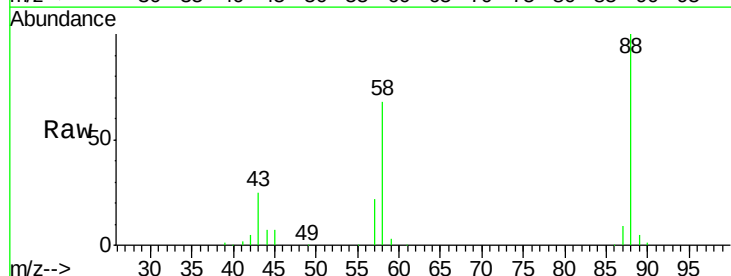
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



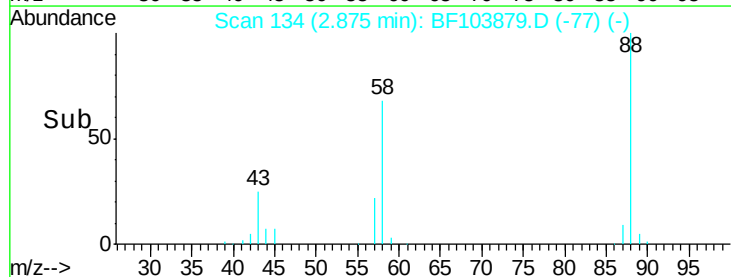
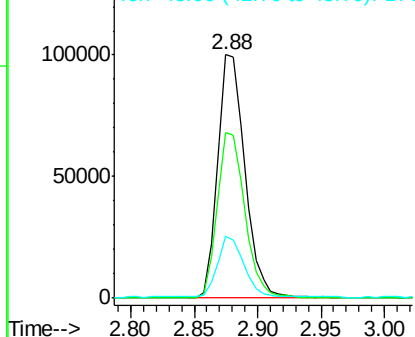
#2

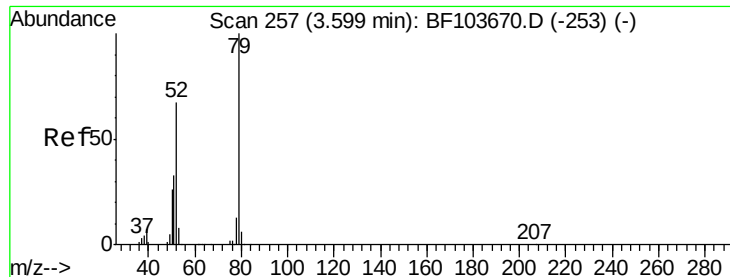
1,4-Dioxane
Concen: 30.529 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.04 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	62.6	93.8
43	24.4	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: 32.408 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.04 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

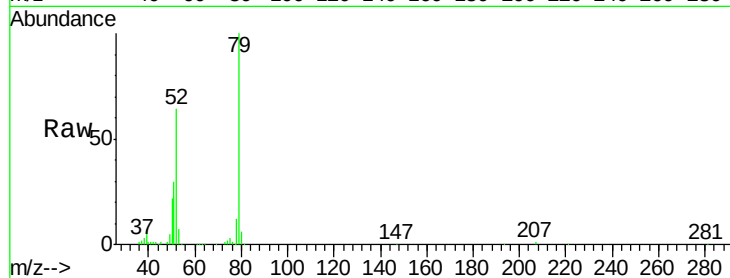
Tot Ion: 79 Resp: 440769

Ion Ratio Lower Upper

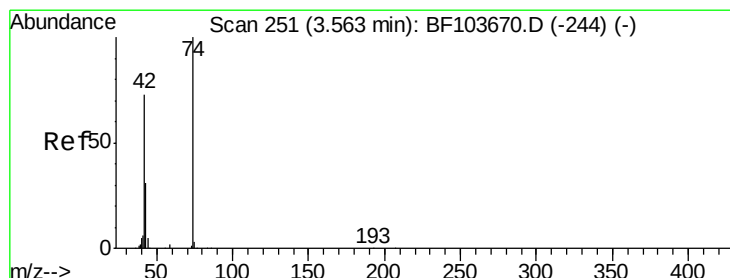
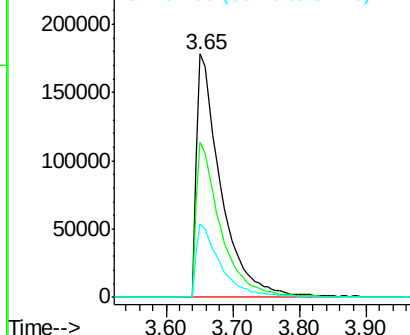
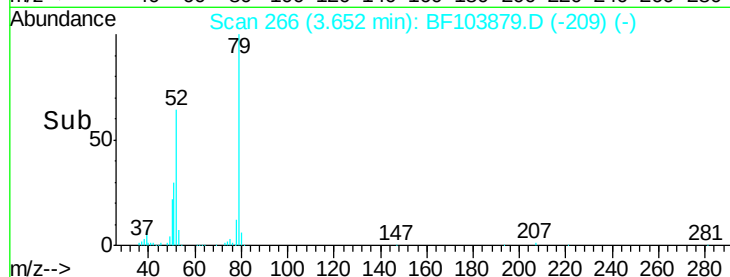
79 100

52 63.7 59.8 89.6

51 30.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.432 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.03 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

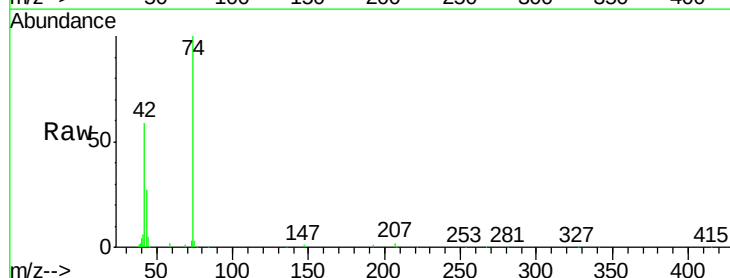
Tgt Ion: 42 Resp: 172665

Ion Ratio Lower Upper

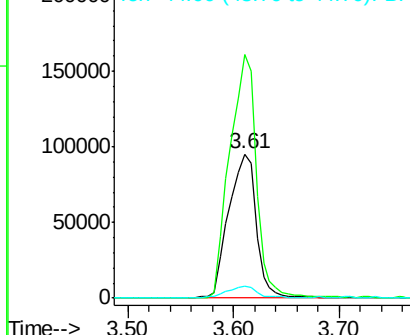
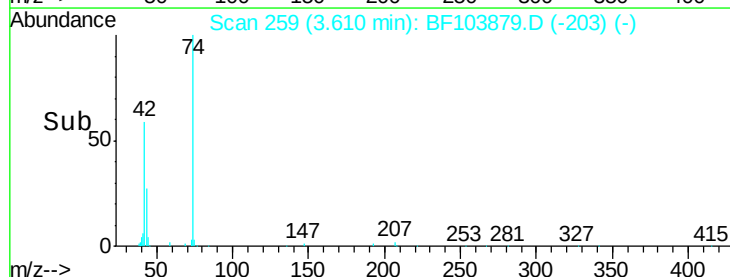
42 100

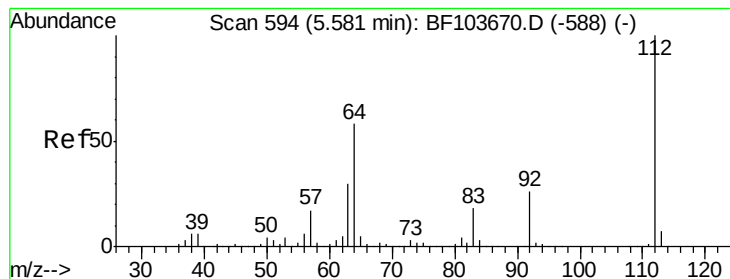
74 168.9 104.9 157.3#

44 8.0 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.858 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.02 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

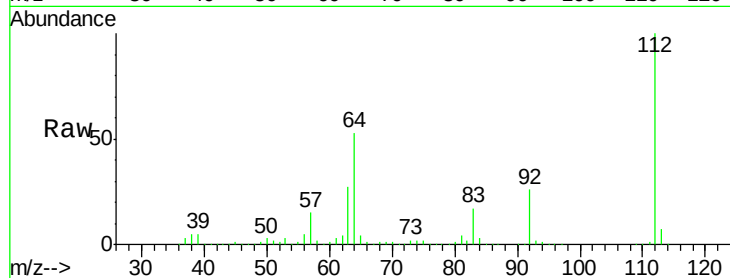
Tot Ion:112 Resp: 1213644

Ion Ratio Lower Upper

112 100

64 53.1 47.9 71.9

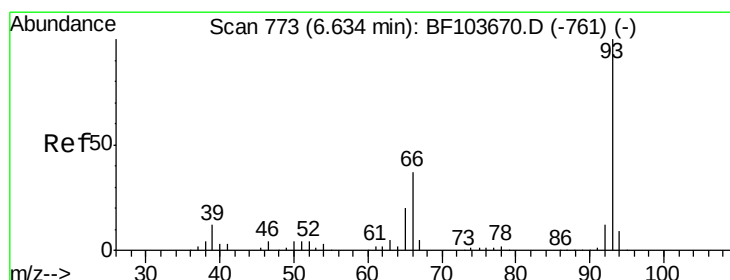
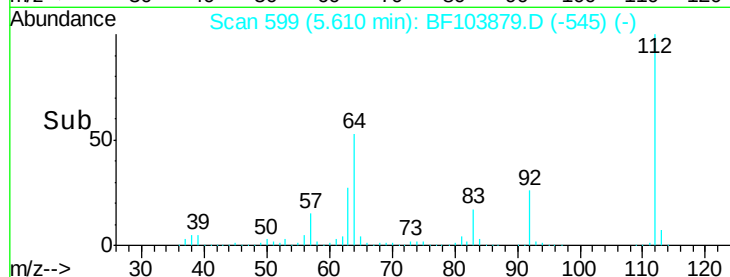
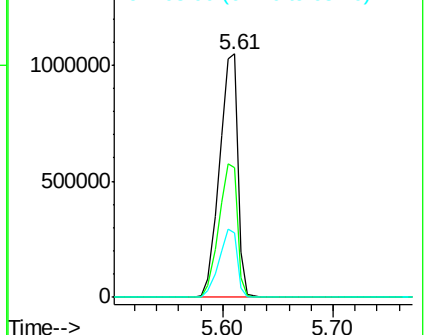
63 26.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.140 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

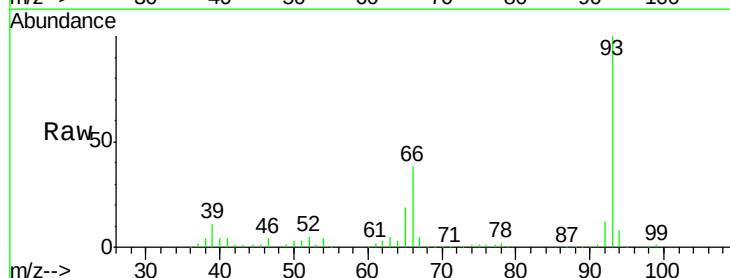
Tgt Ion: 93 Resp: 388397

Ion Ratio Lower Upper

93 100

66 38.1 32.2 48.2

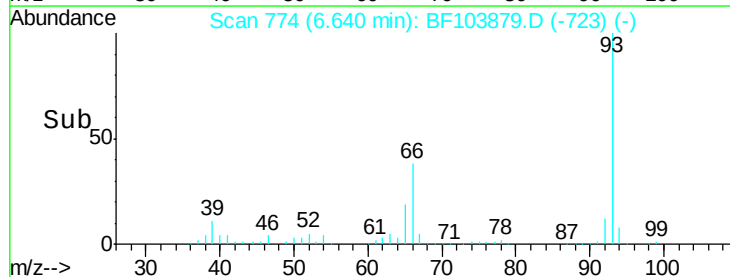
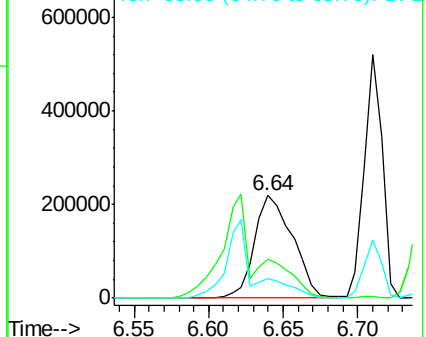
65 19.4 16.4 24.6

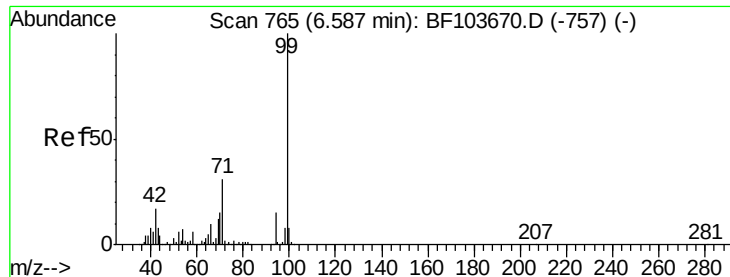


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.332 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampled :

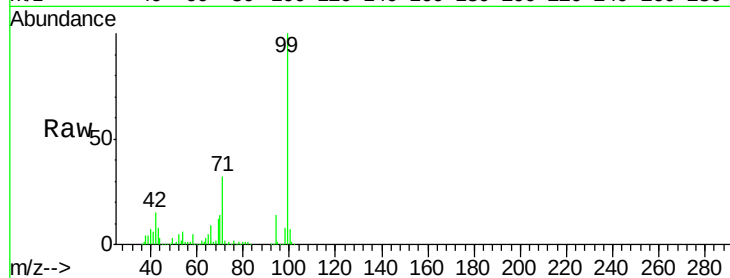
Tot Ion: 99 Resp: 1539782

Ion Ratio Lower Upper

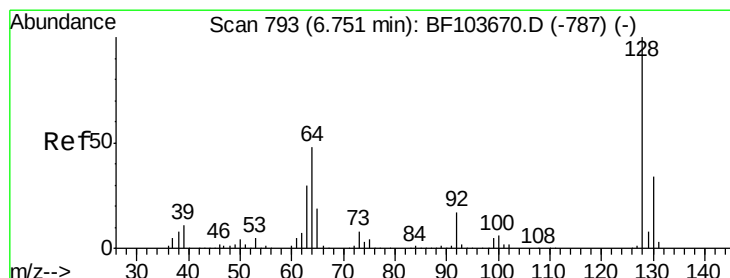
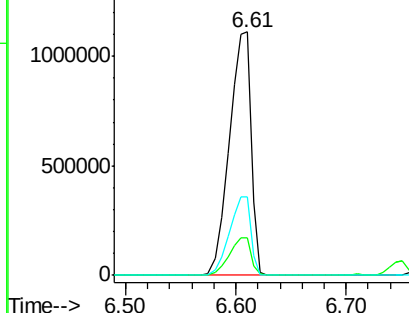
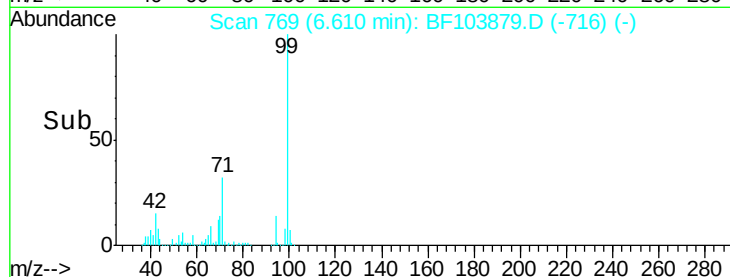
99 100

42 15.2 14.5 21.7

71 32.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 42.240 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

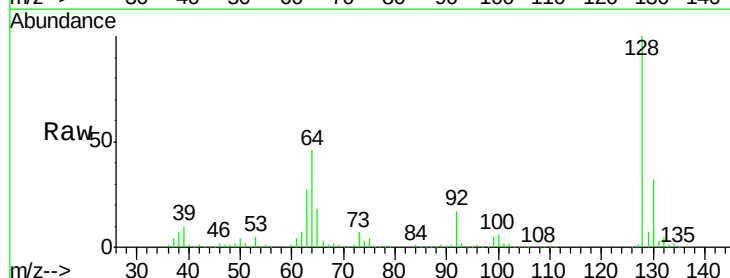
Tgt Ion: 128 Resp: 444340

Ion Ratio Lower Upper

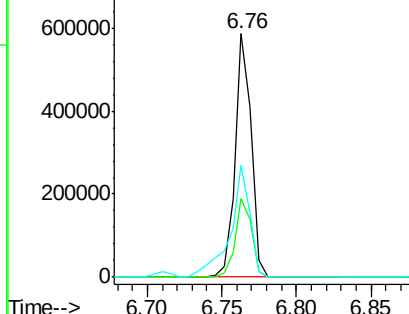
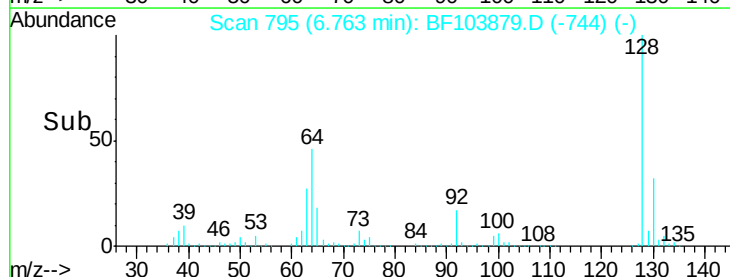
128 100

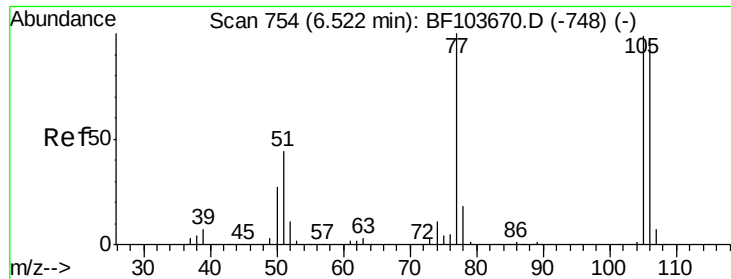
130 32.5 13.0 53.0

64 46.0 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: 16.017 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

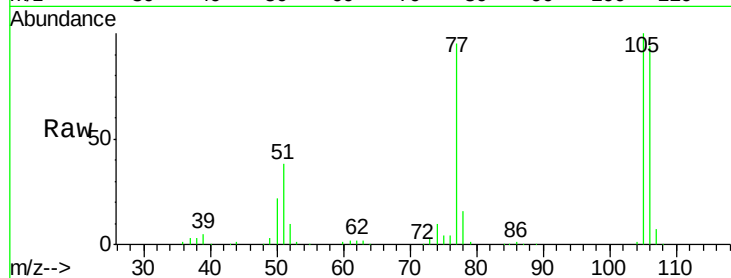
Tot Ion: 77 Resp: 129276

Ion Ratio Lower Upper

77 100

105 105.6 81.1 121.1

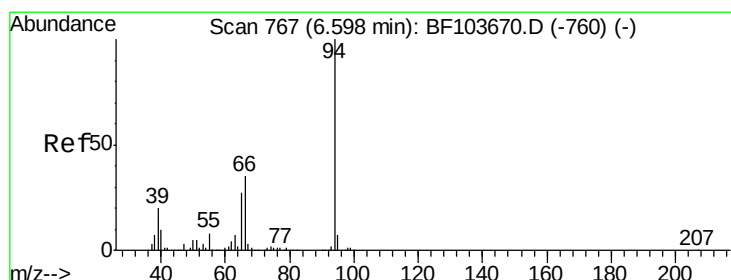
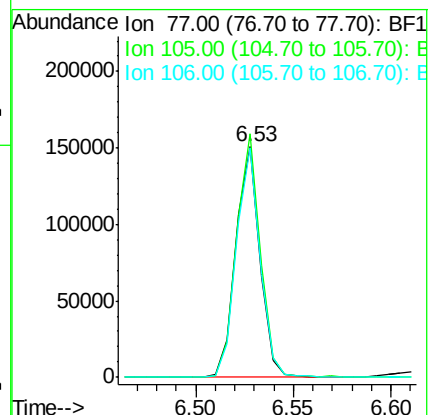
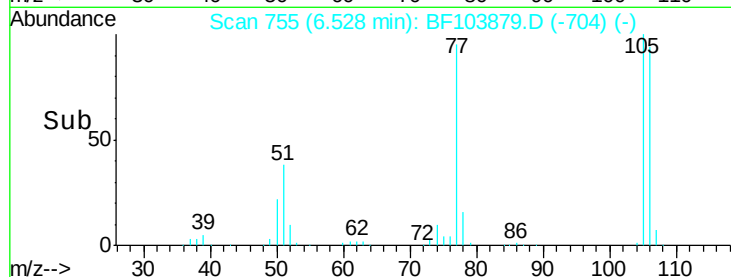
106 99.5 74.5 114.5



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: 43.164 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

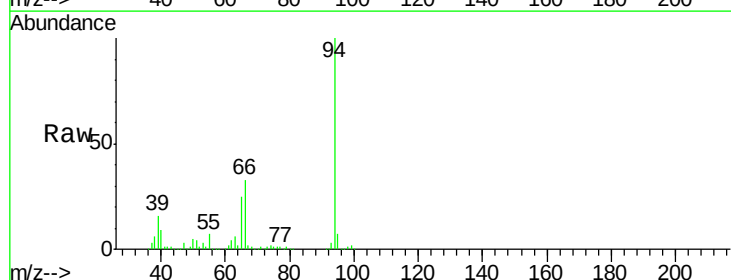
Tgt Ion: 94 Resp: 563495

Ion Ratio Lower Upper

94 100

65 24.6 7.9 47.9

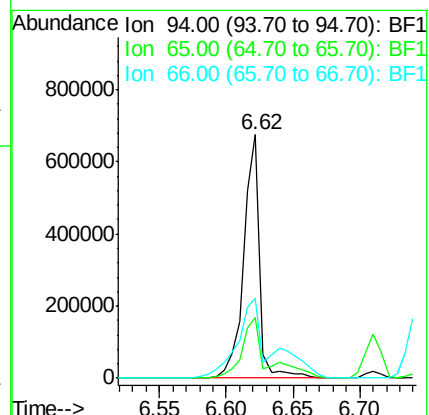
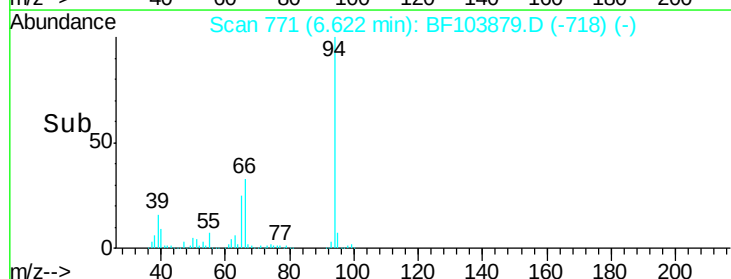
66 32.8 16.2 56.2

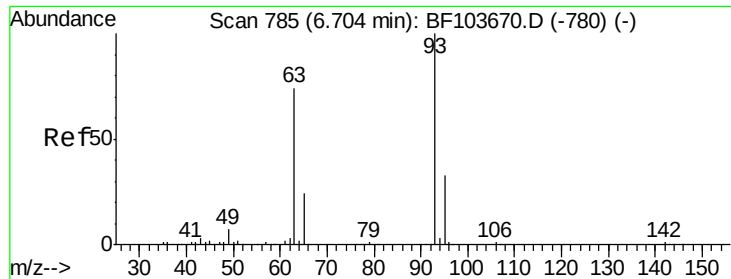


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.758 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

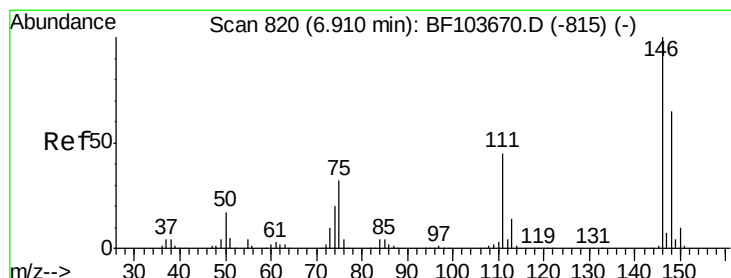
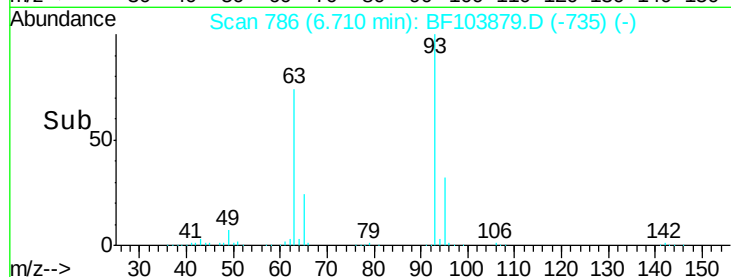
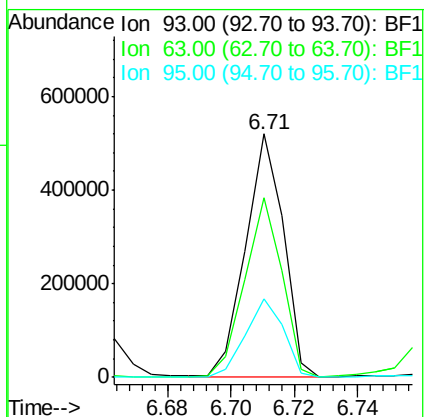
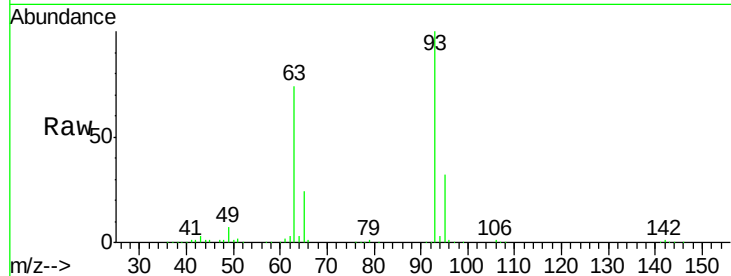
Tot Ion: 93 Resp: 428474

Ion Ratio Lower Upper

93 100

63 73.8 58.6 98.6

95 32.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.980 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

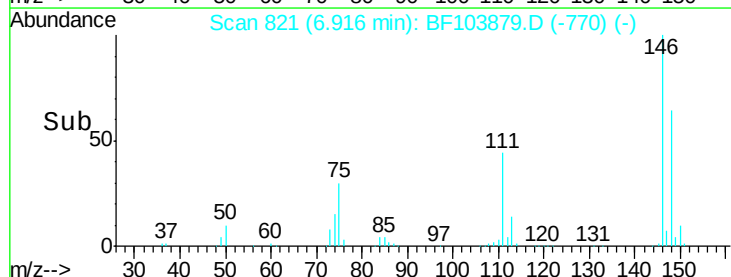
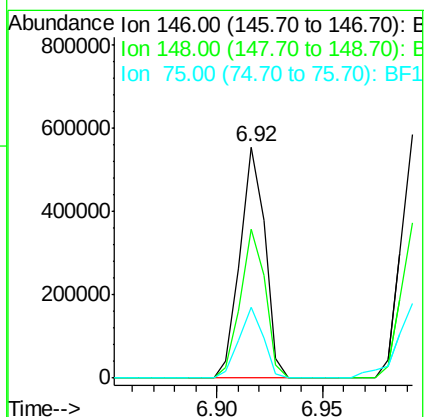
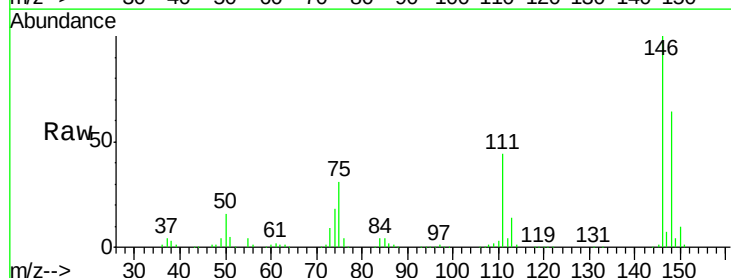
Tgt Ion: 146 Resp: 455048

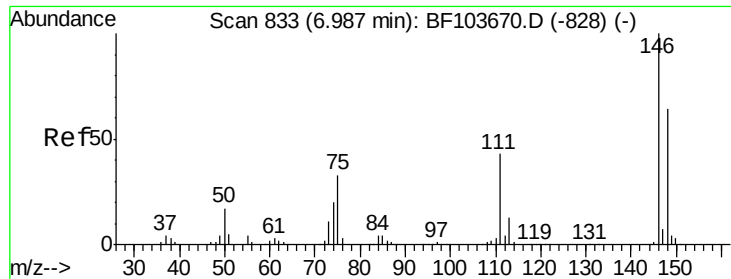
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

75 30.8 24.2 36.4

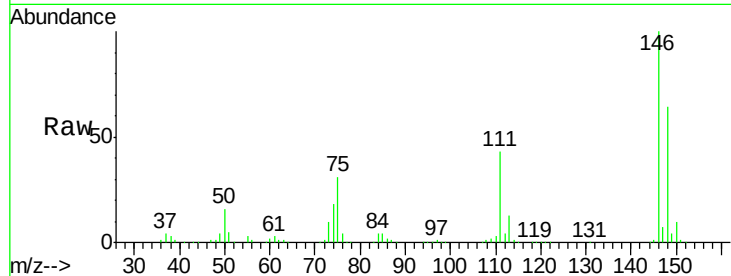




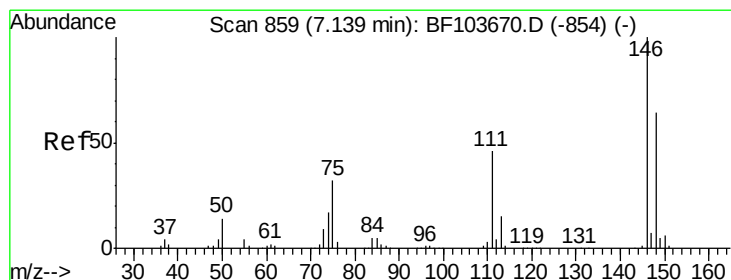
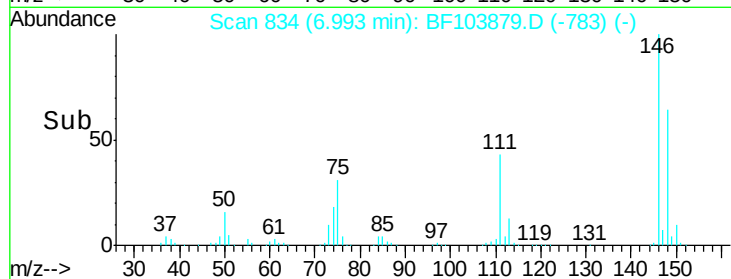
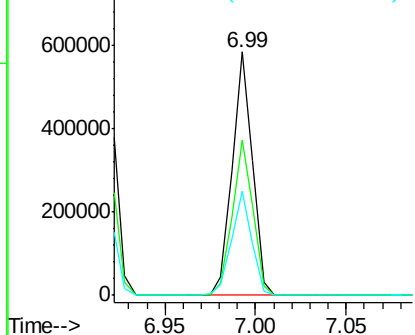
#13
 1,4-Dichlorobenzene
 Concen: 37.902 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 456313
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 42.6 34.2 51.2

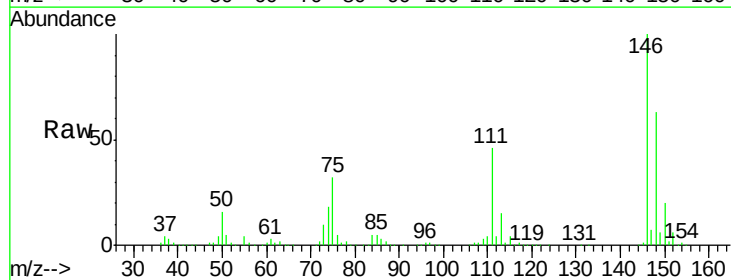


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

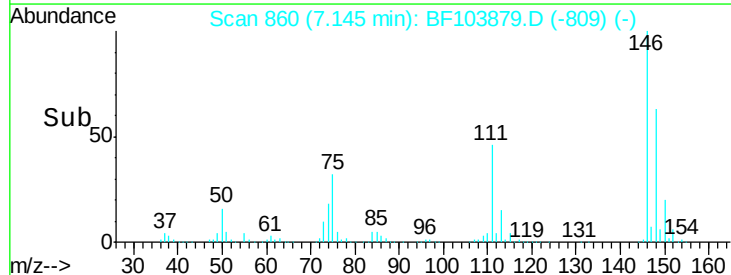
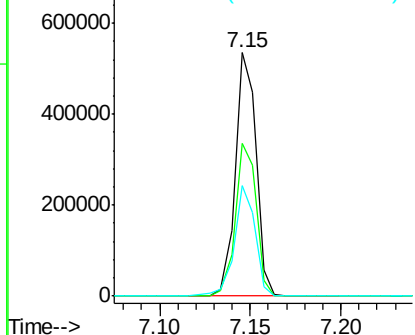


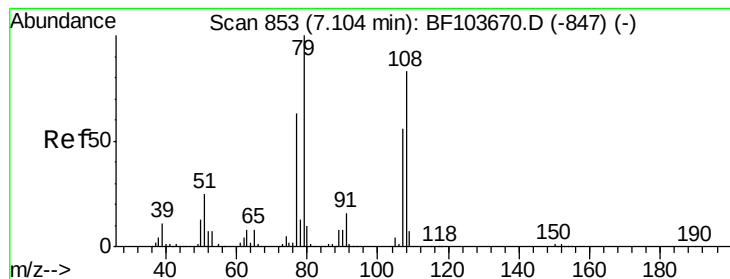
#14
 1,2-Dichlorobenzene
 Concen: 38.059 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:146 Resp: 425191
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 75.8
 111 45.6 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 40.301 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

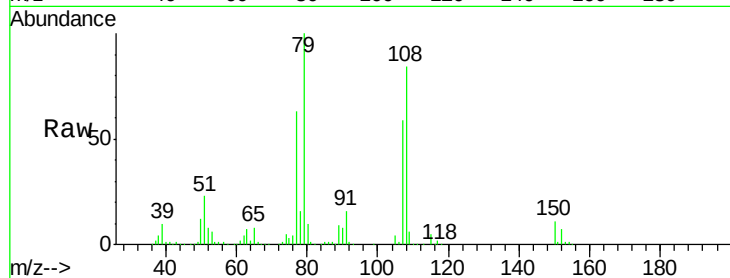
Tot Ion: 79 Resp: 383620

Ion Ratio Lower Upper

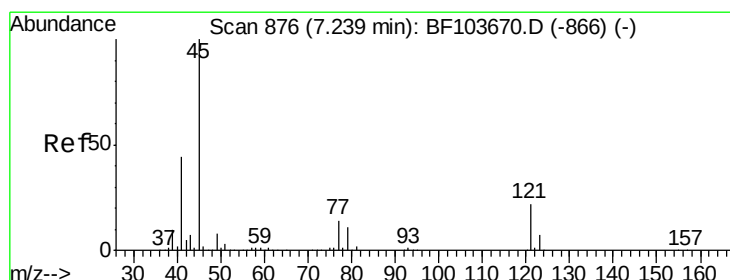
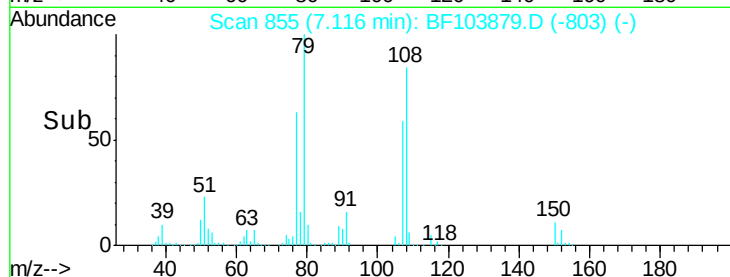
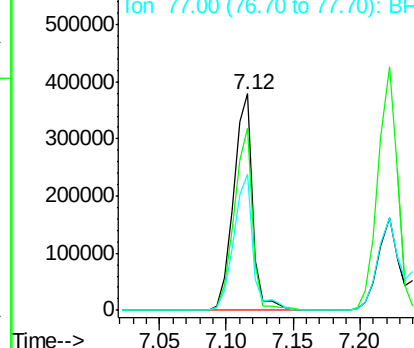
79 100

108 84.4 65.1 97.7

77 63.0 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: 36.711 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

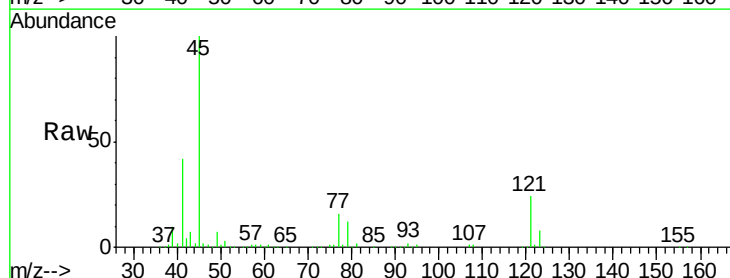
Tgt Ion: 45 Resp: 562713

Ion Ratio Lower Upper

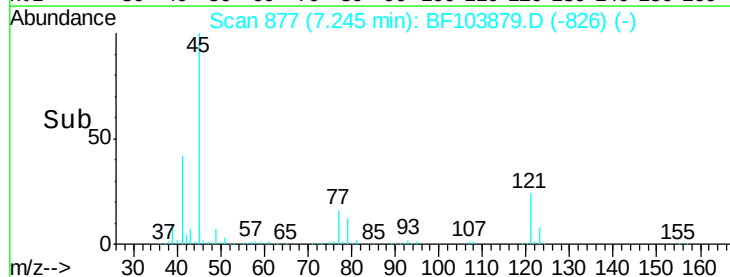
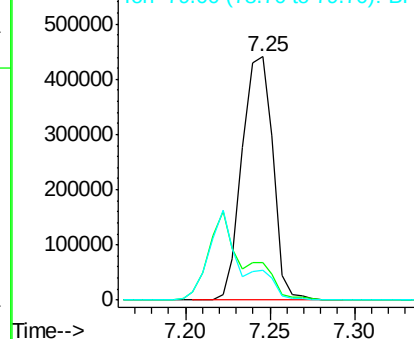
45 100

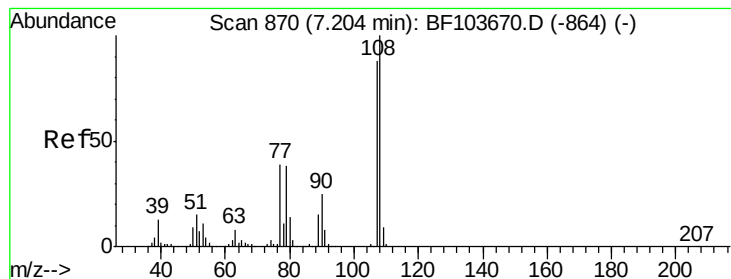
77 15.5 0.0 32.9

79 12.2 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

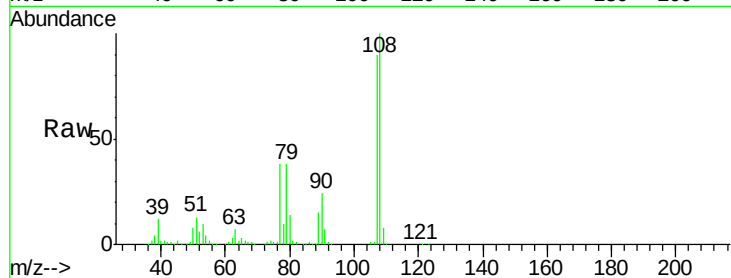




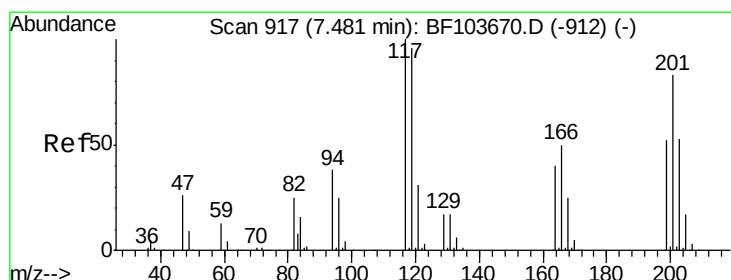
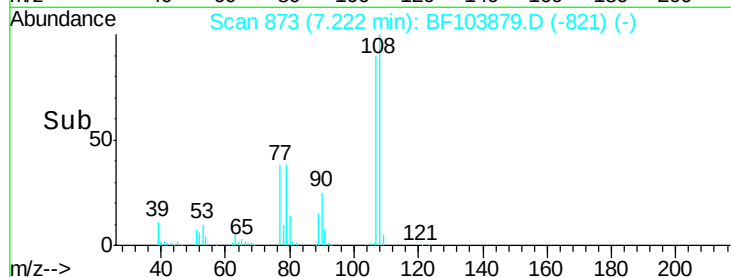
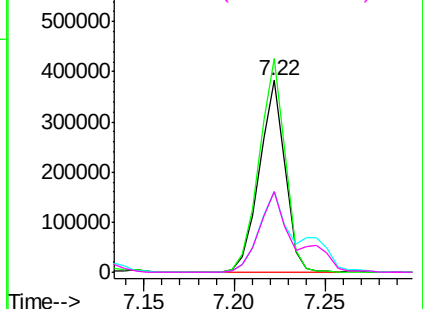
#17
2-Methylphenol
Concen: 40.252 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.7	137.5
77	42.2	33.8	50.8
79	42.4	33.8	50.8

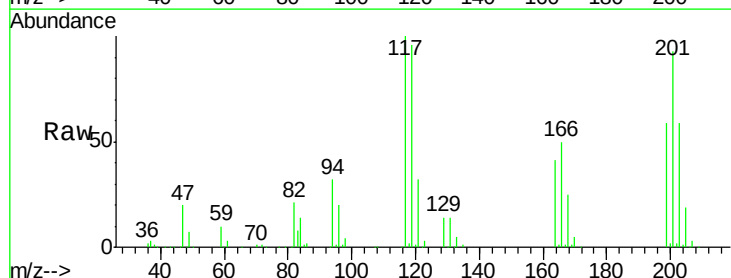


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

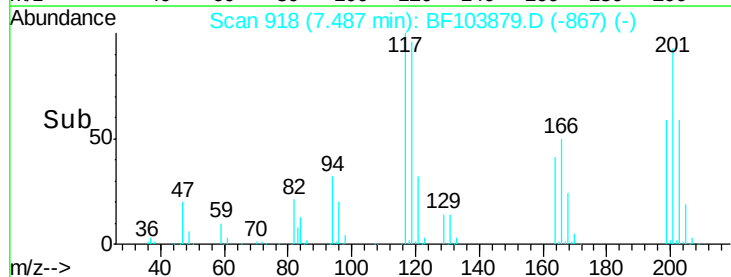
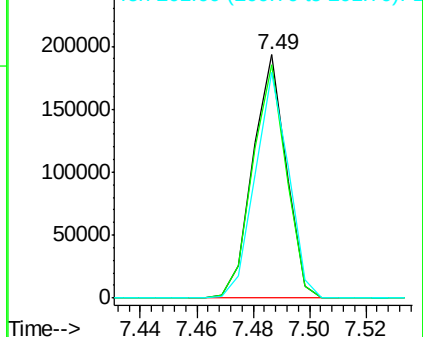


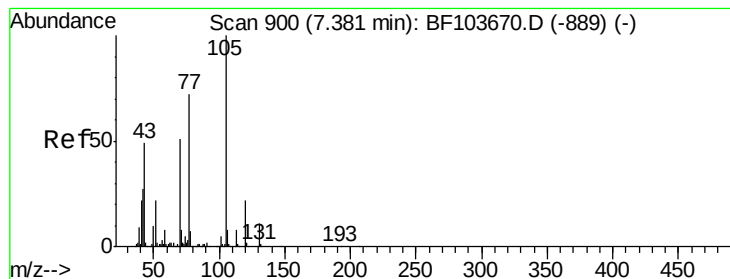
#18
Hexachloroethane
Concen: 37.197 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	92.7	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: 36.774 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 289537

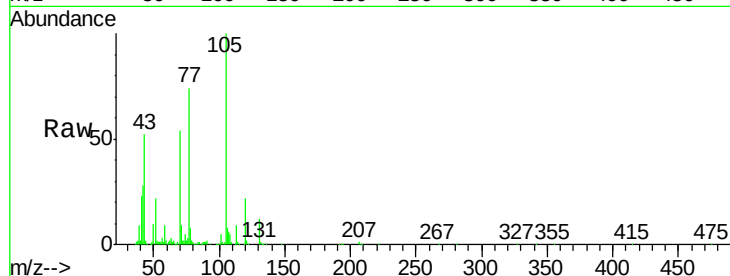
Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.5	71.3
101	9.7	7.4	11.2
130	22.0	16.6	25.0

70 100

42 52.3 47.5 71.3

101 9.7 7.4 11.2

130 22.0 16.6 25.0



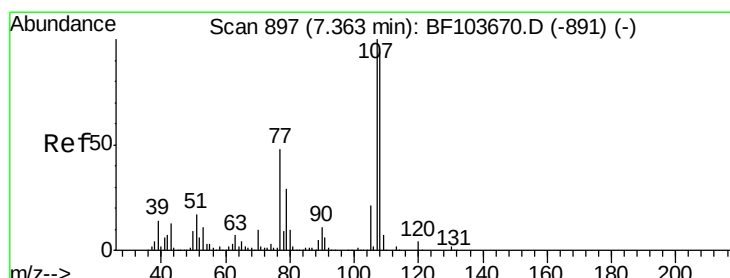
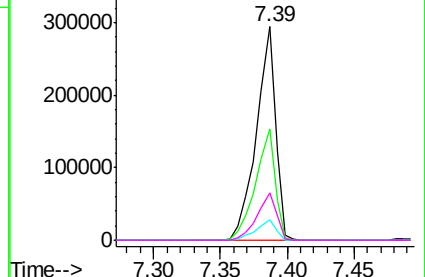
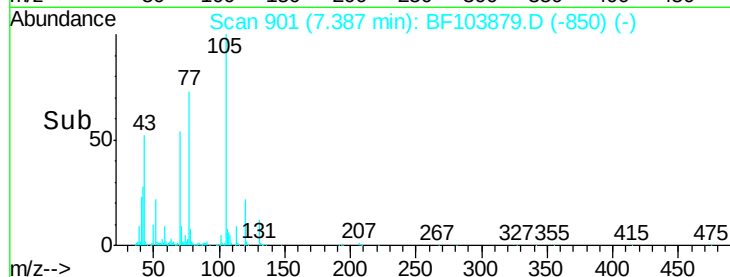
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.243 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion: 107 Resp: 454658

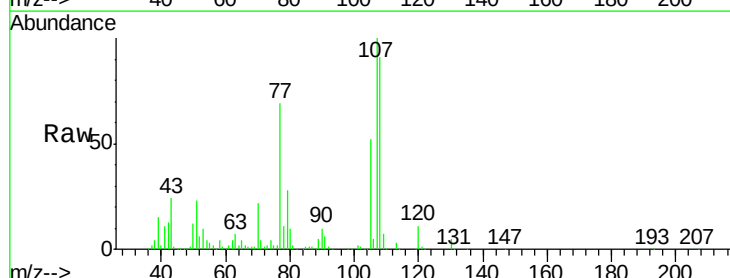
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	68.7	26.7	66.7#
79	28.2	6.3	46.3

107 100

108 90.6 68.2 108.2

77 68.7 26.7 66.7#

79 28.2 6.3 46.3



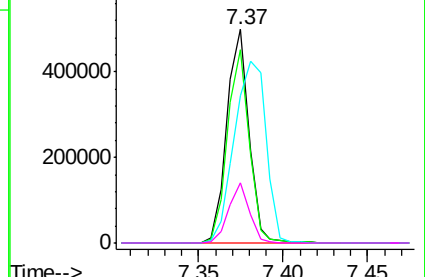
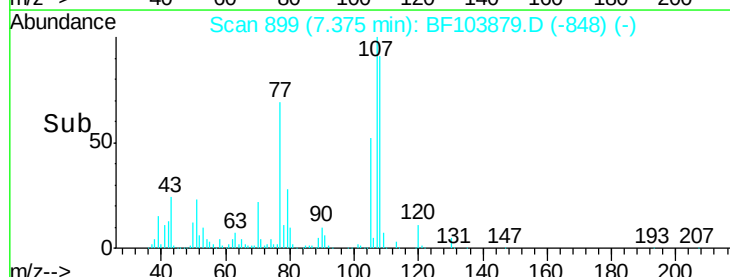
Abundance

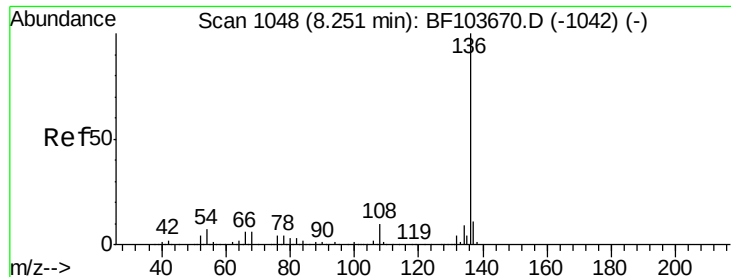
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 616879

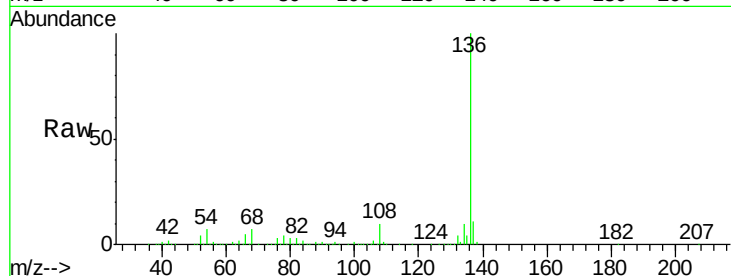
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.6 9.8

68 6.6 5.0 7.4

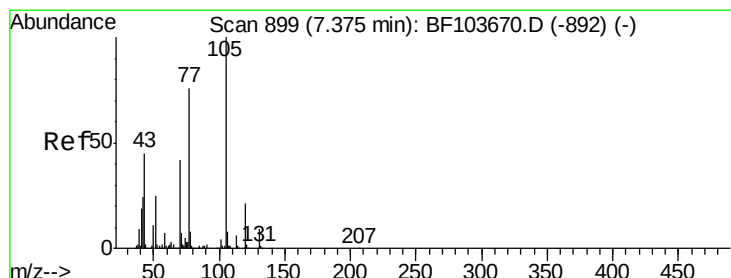
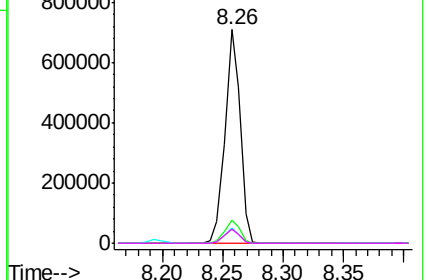
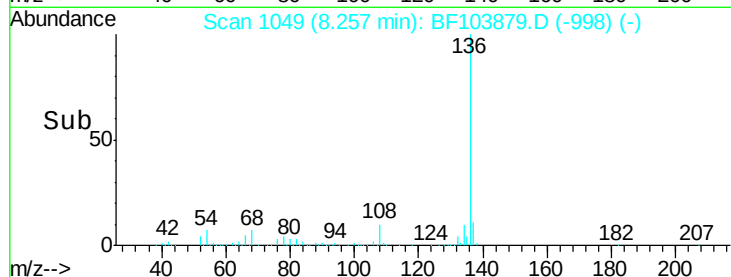


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.553 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion:105 Resp: 579519

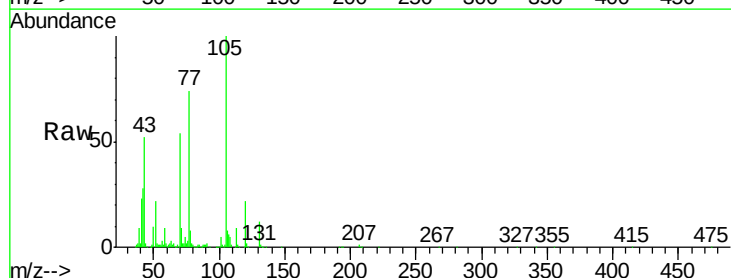
Ion Ratio Lower Upper

105 100

71 9.2 4.4 6.6#

51 22.2 22.3 33.5#

120 21.8 16.9 25.3

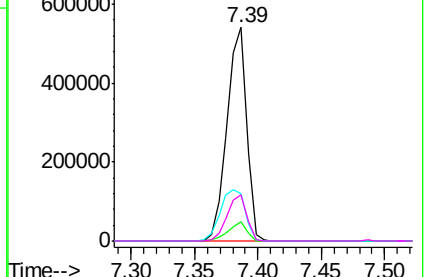
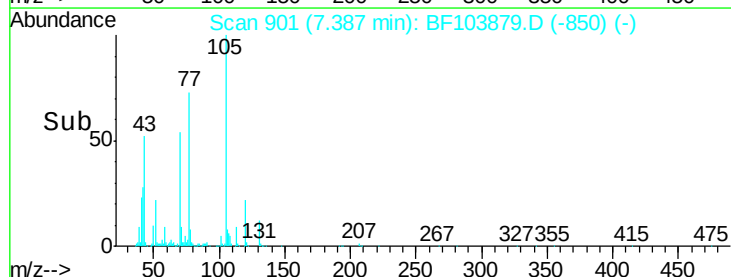


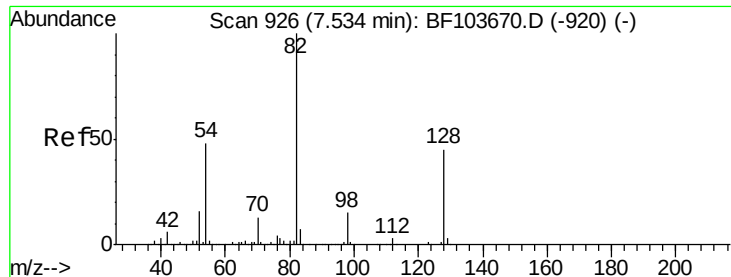
Abundance Ion 105.00 (104.70 to 105.70): E

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

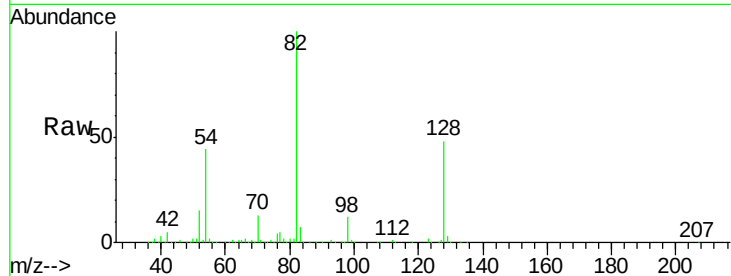




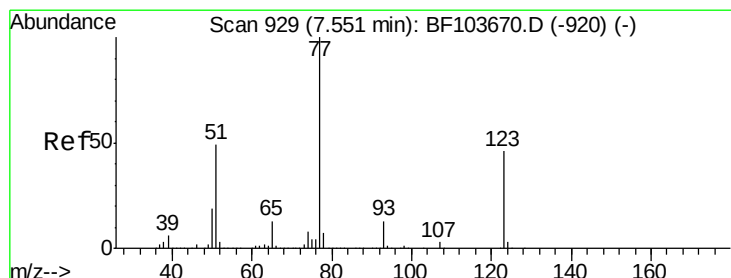
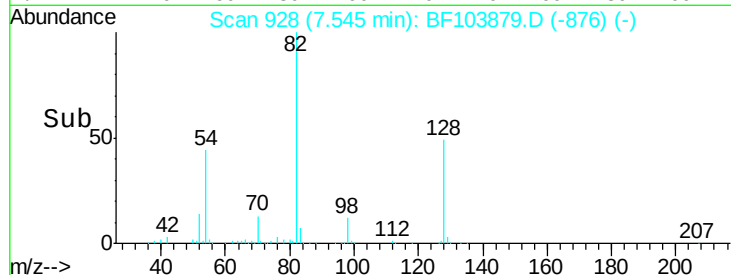
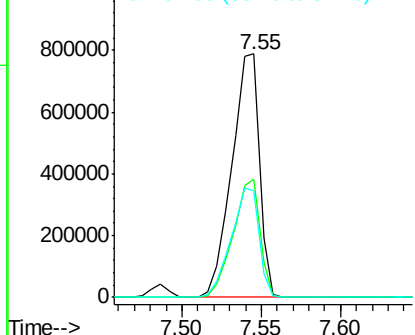
#23
 Nitrobenzene-d5
 Concen: 107.749 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 953140
 Ion Ratio Lower Upper
 82 100
 128 48.5 36.1 54.1
 54 43.9 41.4 62.2

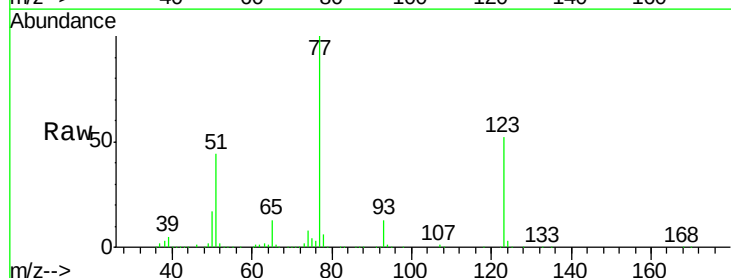


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

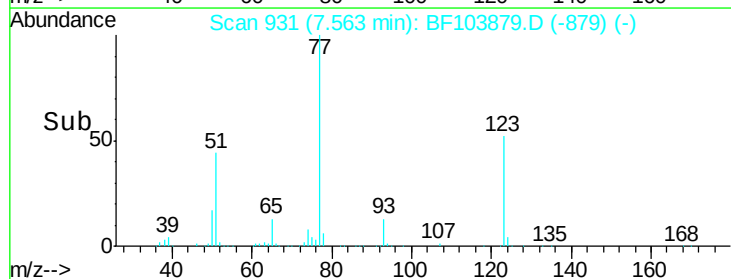
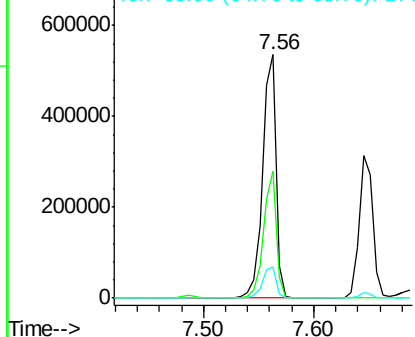


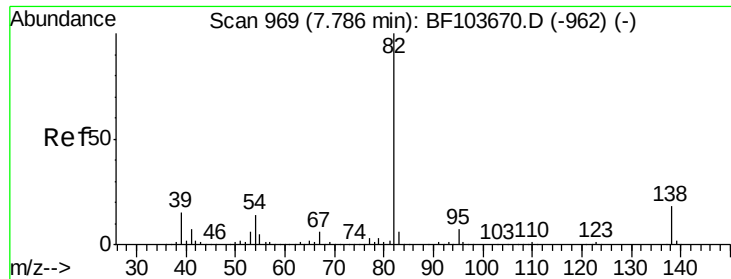
#24
 Nitrobenzene
 Concen: 43.979 ng
 RT: 7.56 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion: 77 Resp: 456732
 Ion Ratio Lower Upper
 77 100
 123 52.5 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: 41.130 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampled :

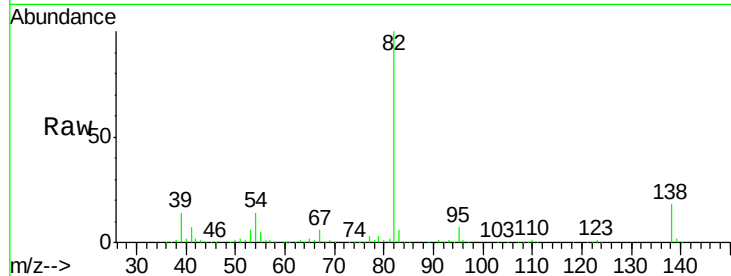
Tot Ion: 82 Resp: 842249

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

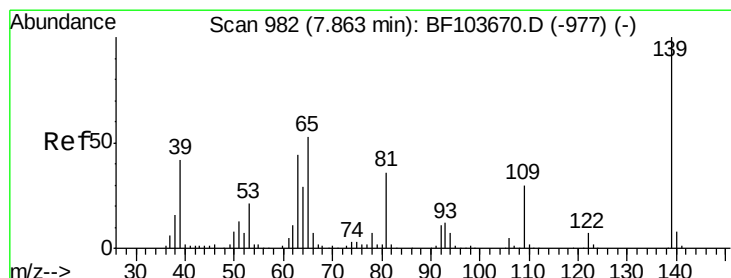
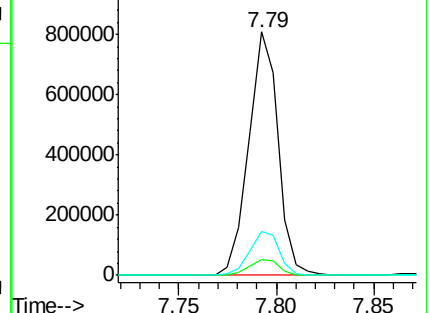
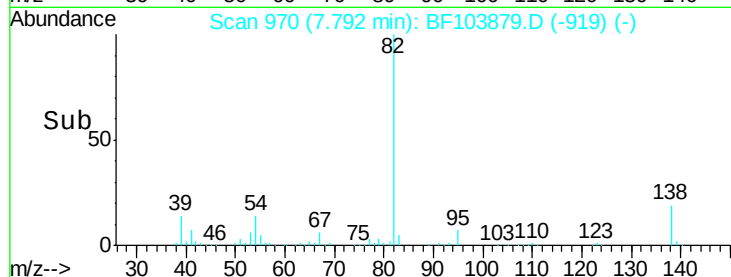
138 18.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 58.271 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

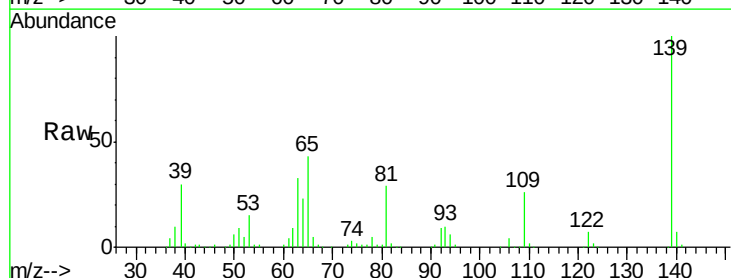
Tgt Ion: 139 Resp: 240183

Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

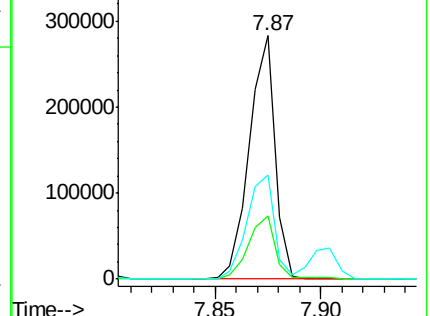
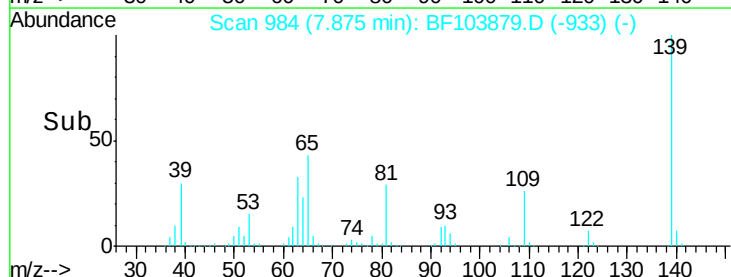
65 42.7 40.5 60.7

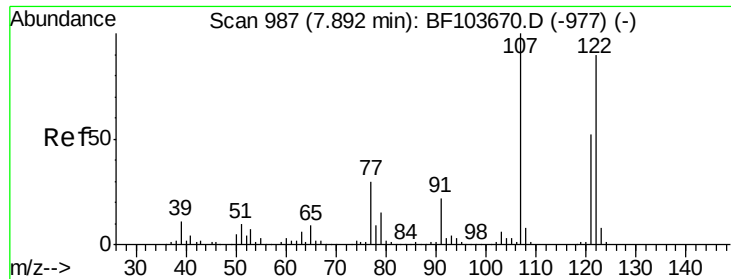


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

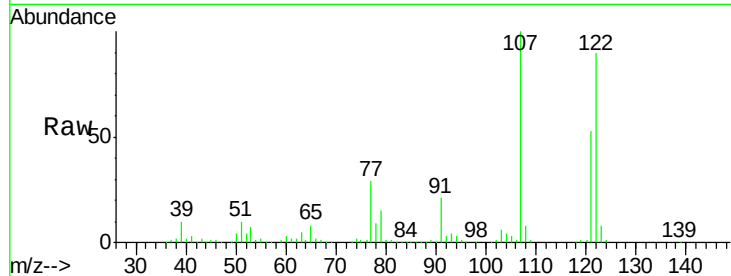




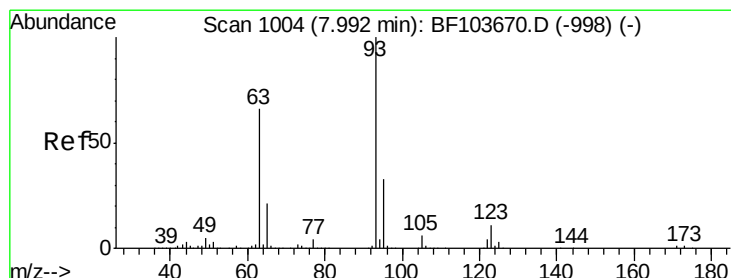
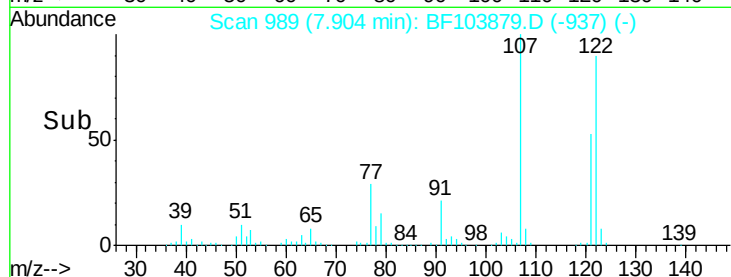
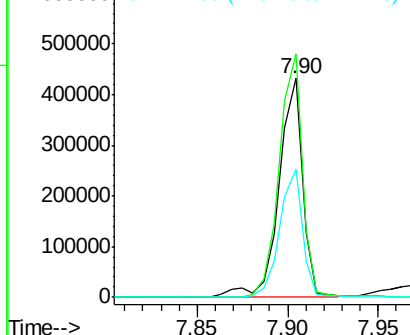
#27
2,4-Dimethylphenol
Concen: 44.825 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 393235
Ion Ratio Lower Upper
122 100
107 111.2 91.2 136.8
121 58.6 47.2 70.8

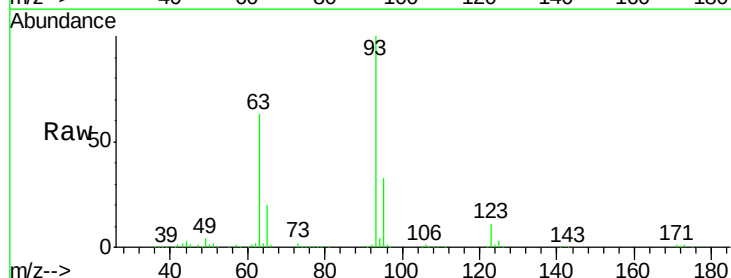


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

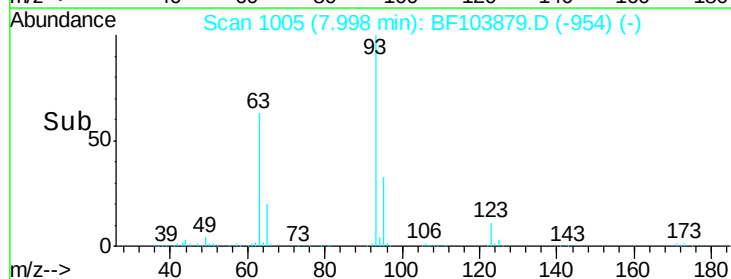
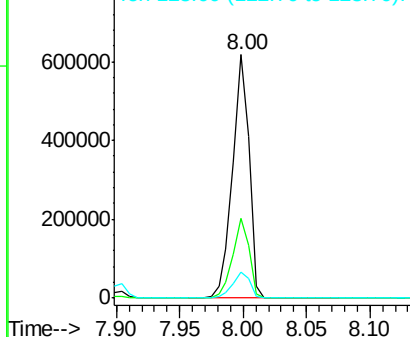


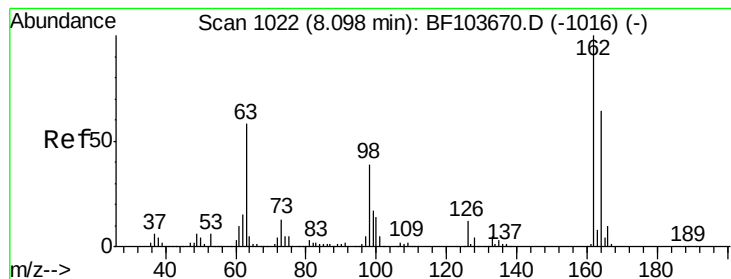
#28
bis(2-Chloroethoxy)methane
Concen: 44.843 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion: 93 Resp: 556053
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.9 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: 46.307 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

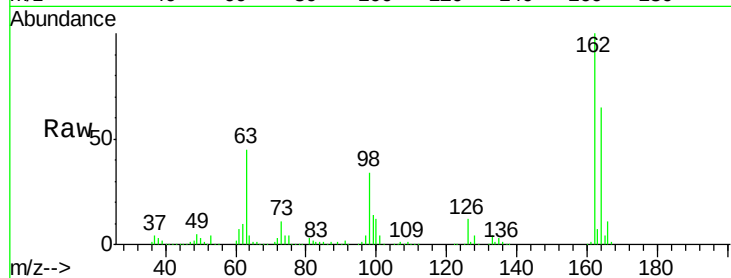
Tot Ion:162 Resp: 369585

Ion Ratio Lower Upper

162 100

164 65.1 42.7 82.7

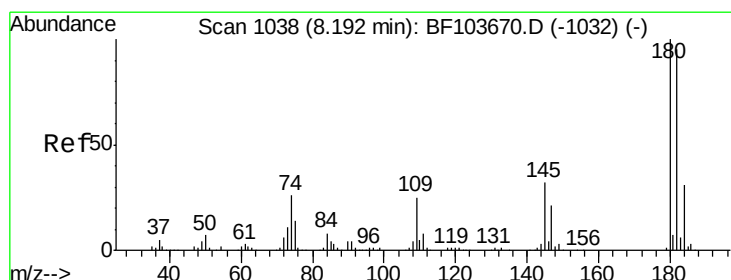
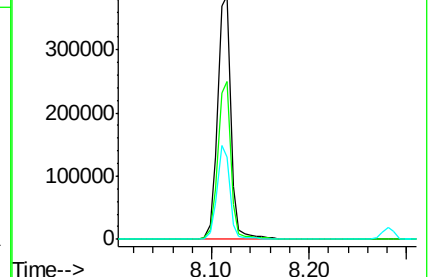
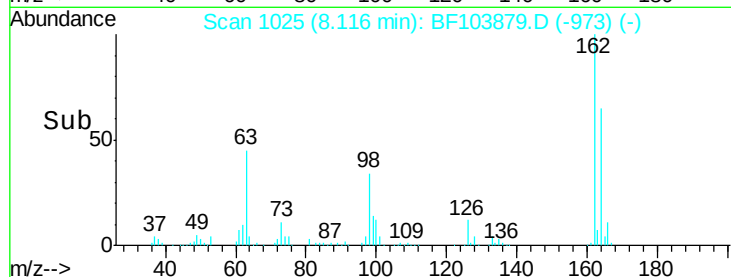
98 33.6 18.1 58.1



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: 39.707 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

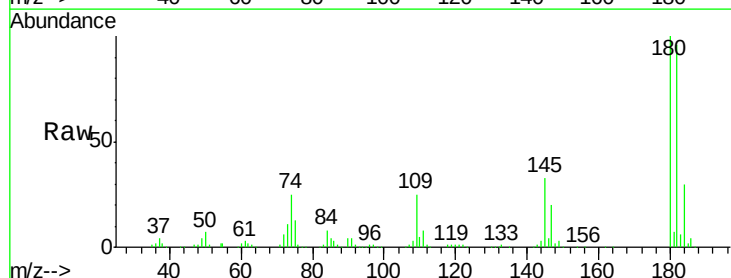
Tgt Ion:180 Resp: 367568

Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

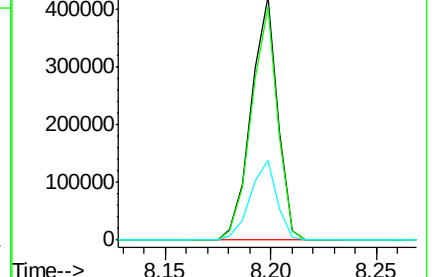
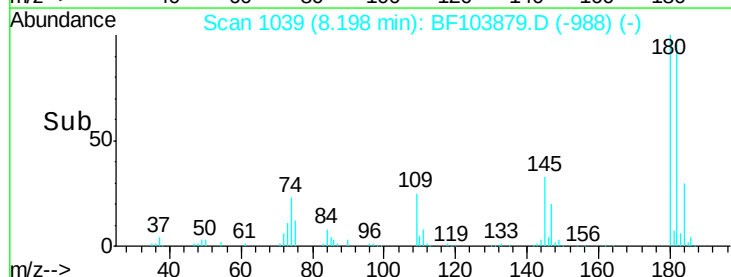
145 32.5 26.5 39.7

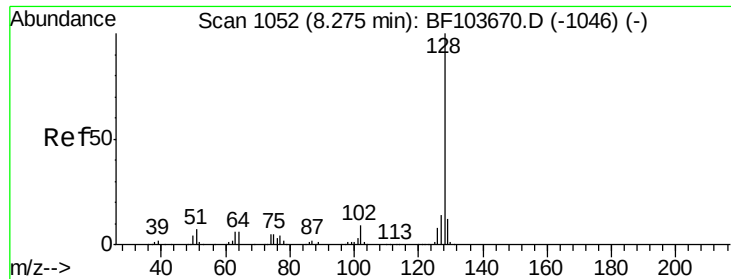


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

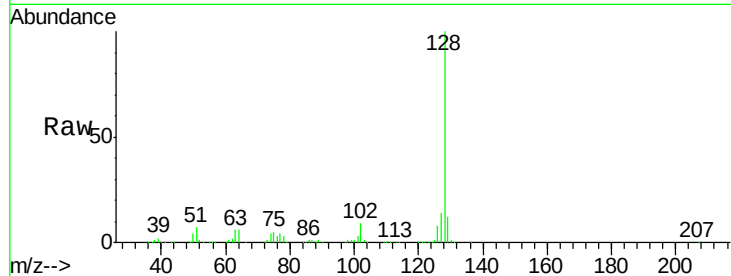




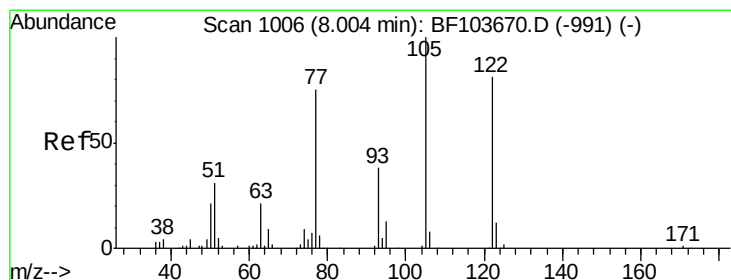
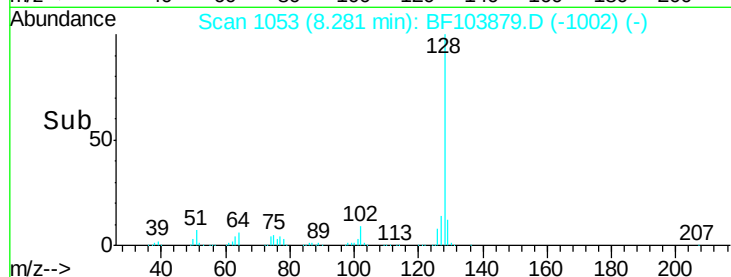
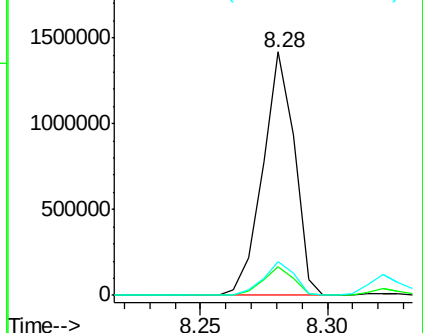
#31
Naphthalene
Concen: 39.387 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1227355
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.7 10.9 16.3

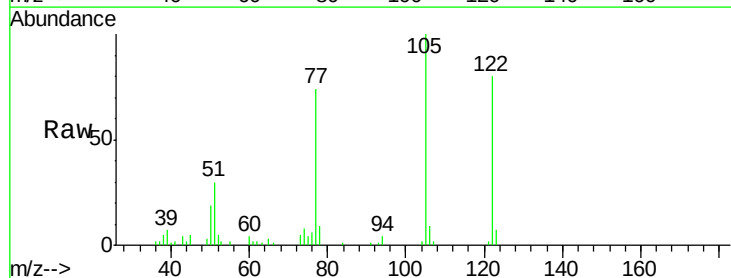


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

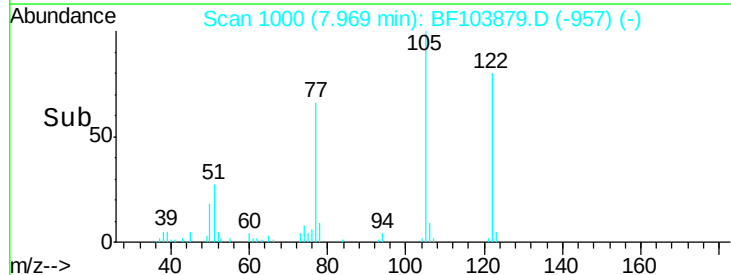
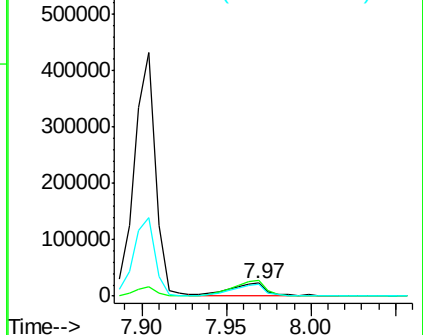


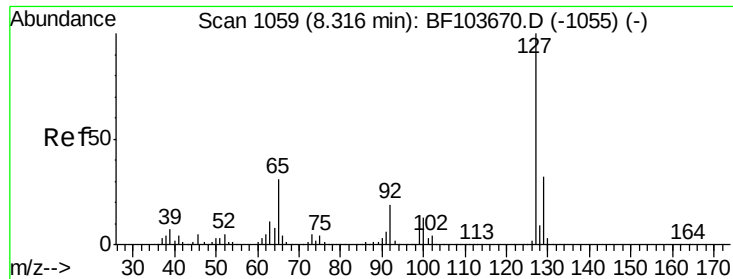
#32
Benzoic acid
Concen: 14.453 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.05 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:122 Resp: 35472
Ion Ratio Lower Upper
122 100
105 124.4 101.1 141.1
77 92.0 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

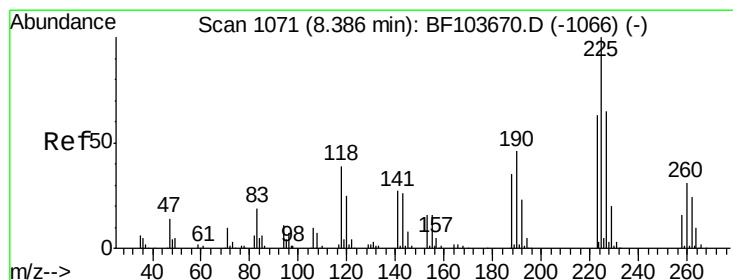
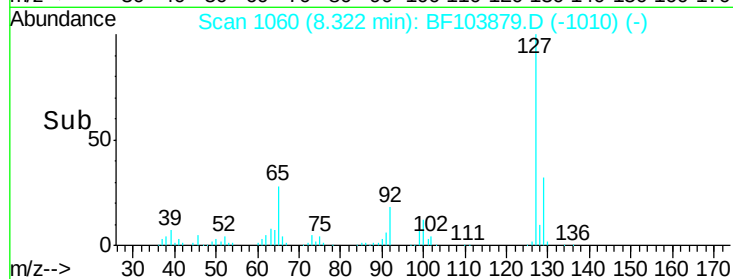
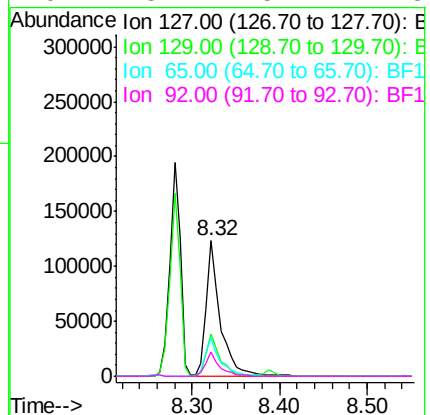
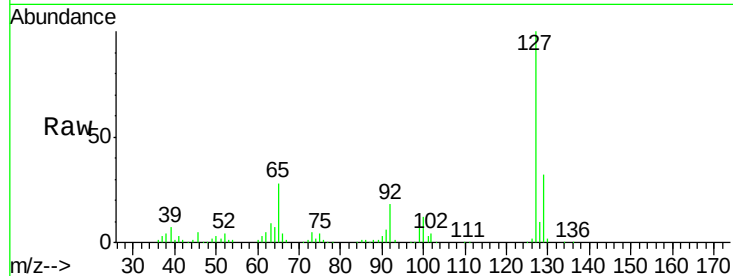




#33
 4-Chloroaniline
 Concen: 10.785 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

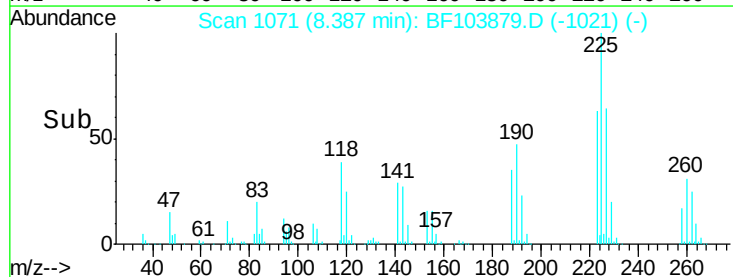
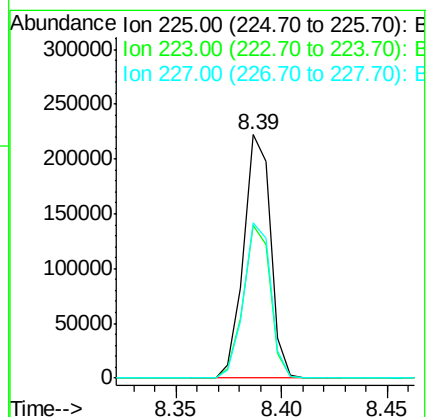
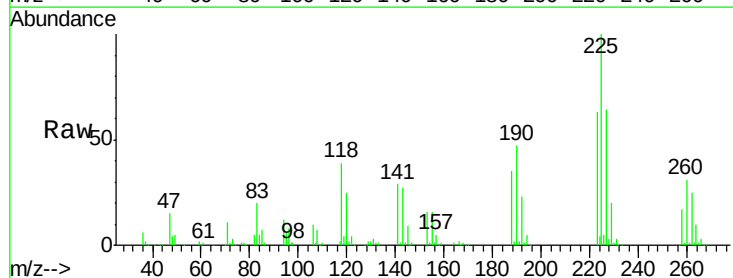
Instrument :
 BNA_F
 ClientSampled :

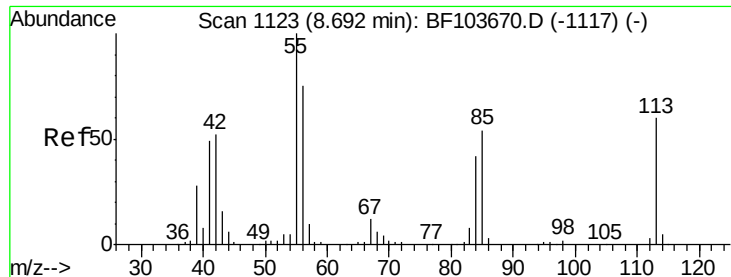
Tot Ion:	127	Resp:	140997
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	28.1	25.0	37.4
92	18.1	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 38.681 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:	225	Resp:	196320
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.6	51.9	77.9

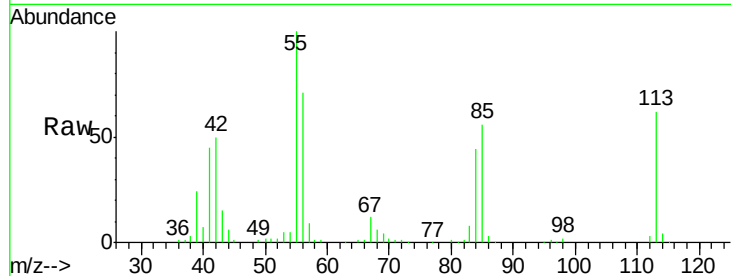




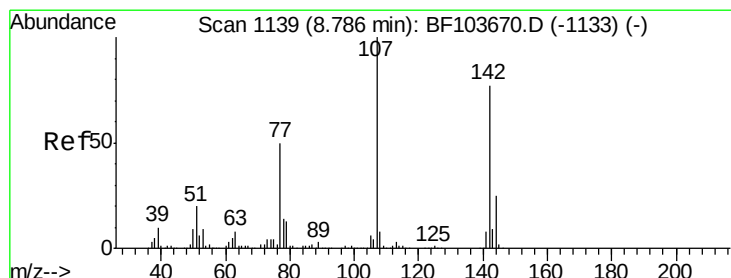
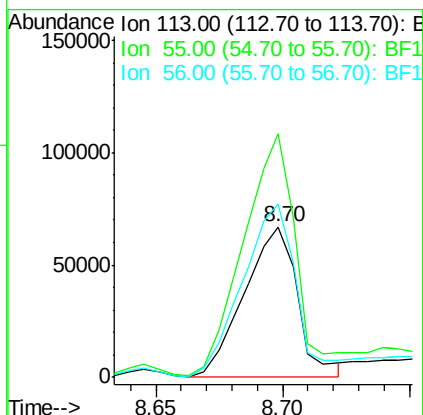
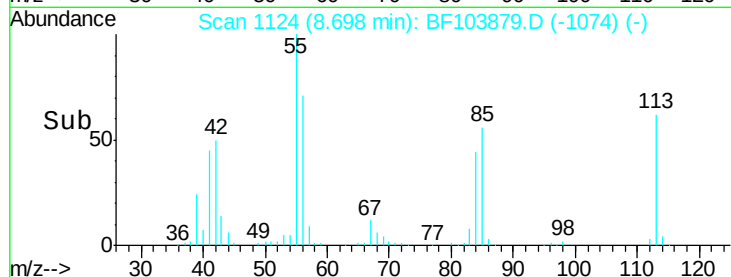
#35
Caprolactam
Concen: 36.072 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 99137
Ion Ratio Lower Upper
113 100
55 162.1 163.3 203.3#
56 115.6 115.7 155.7#

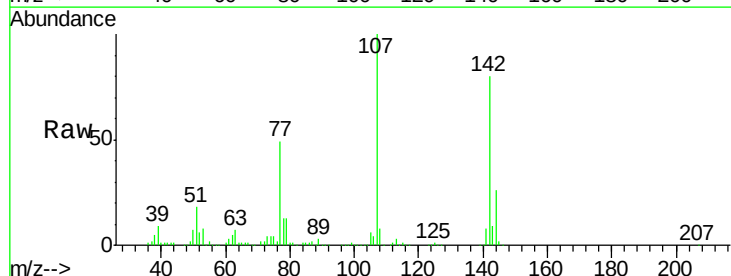


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

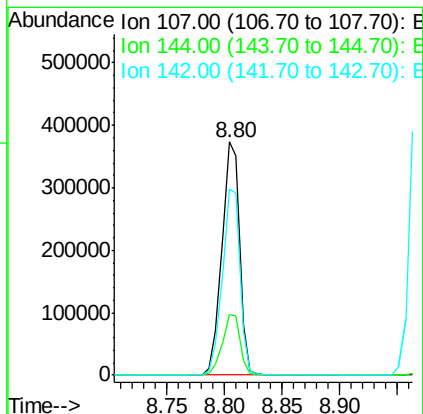
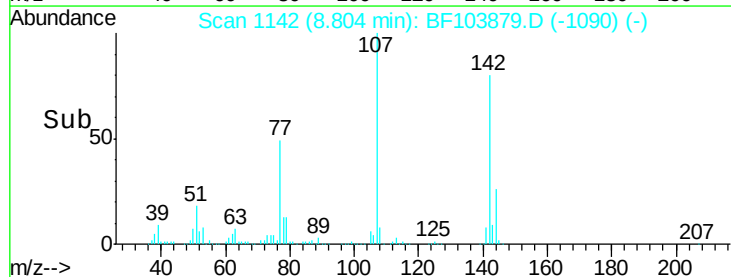


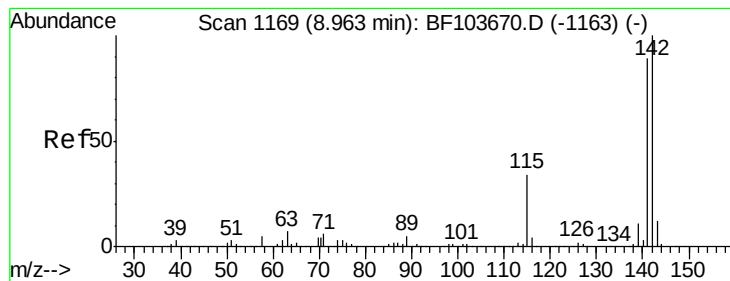
#36
4-Chloro-3-methylphenol
Concen: 45.233 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:107 Resp: 397992
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 79.7 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

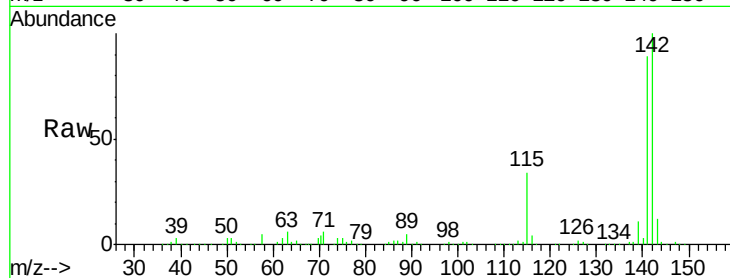




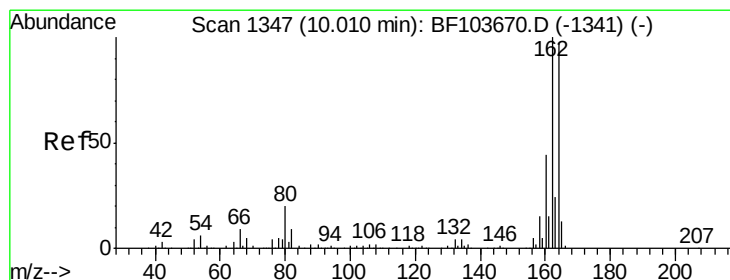
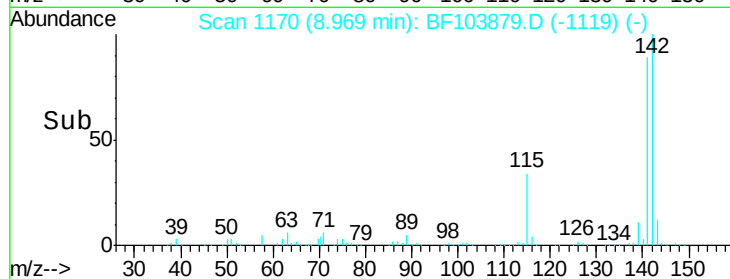
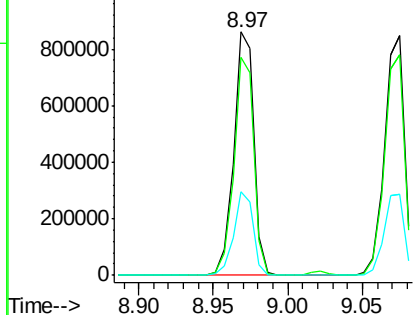
#37
 2-Methylnaphthalene
 Concen: 41.301 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	142	Resp:	816160
Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	34.3	26.1	39.1

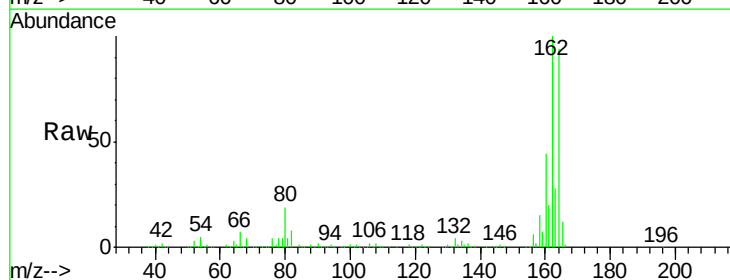


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

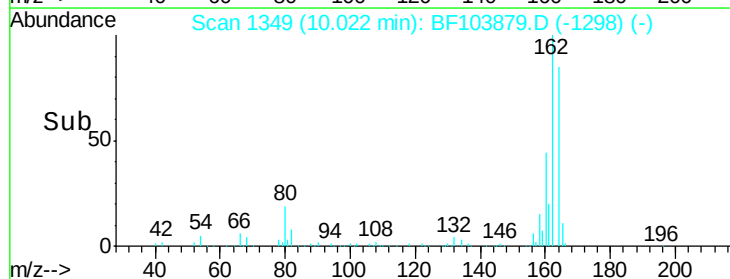
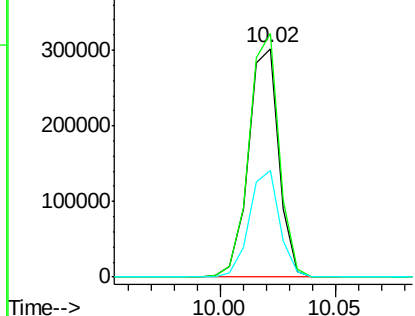


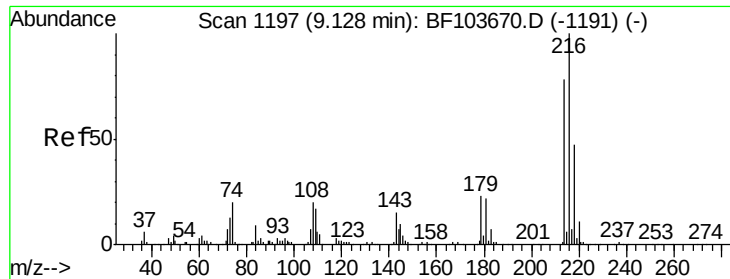
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:	164	Resp:	278747
Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	46.8	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

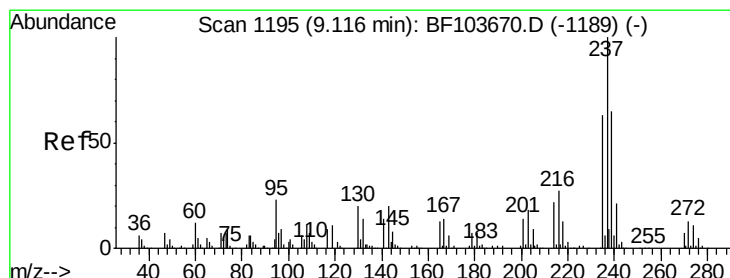
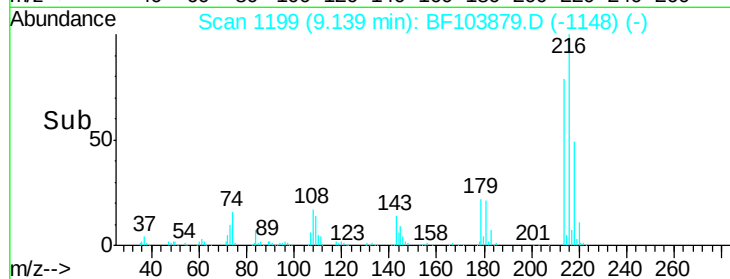
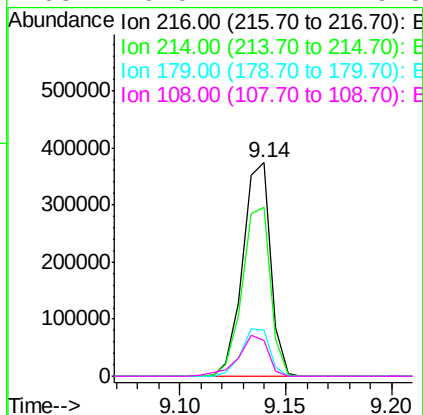
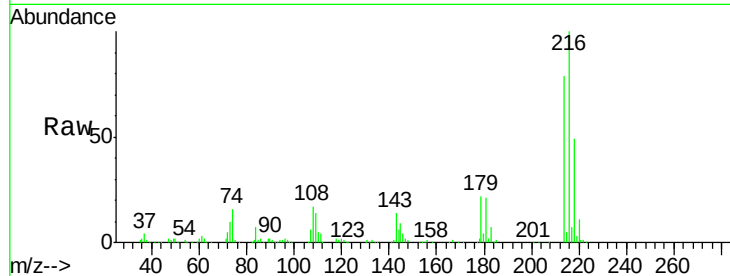




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.150 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

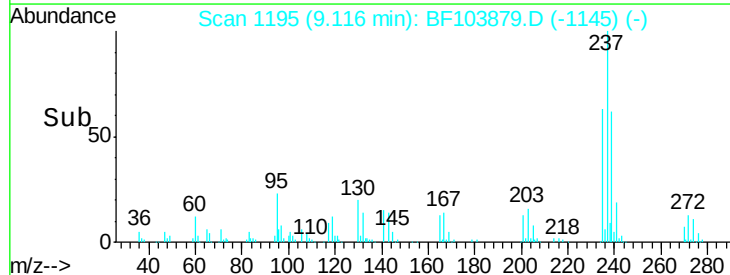
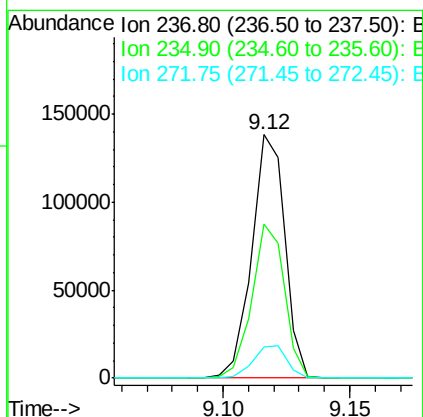
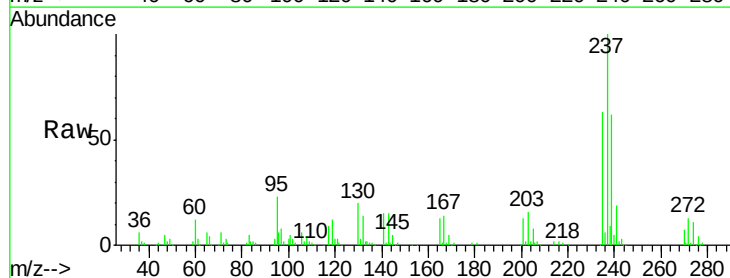
Instrument :
 BNA_F
 ClientSampleId :

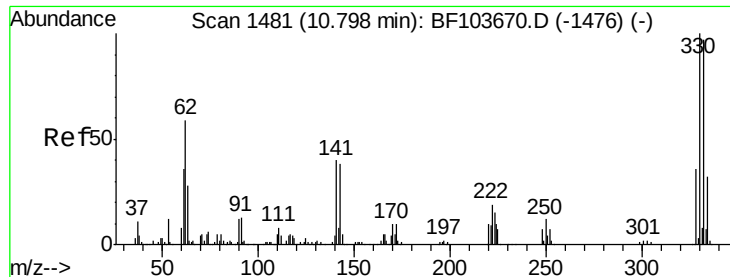
Tot Ion:	216	Resp:	343146
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	22.5	18.1	27.1
108	20.0	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 30.732 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:	237	Resp:	126106
Ion	Ratio	Lower	Upper
237	100		
235	63.5	44.8	84.8
272	12.7	0.0	33.3

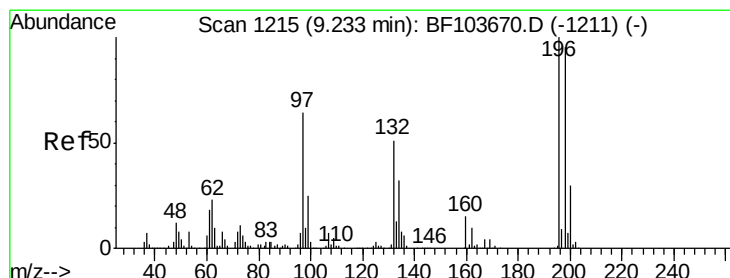
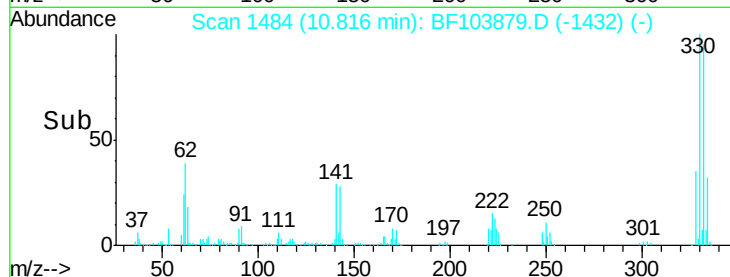
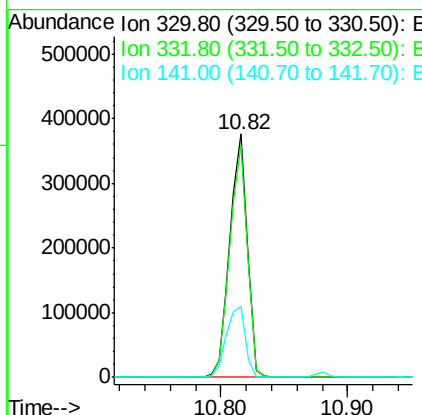
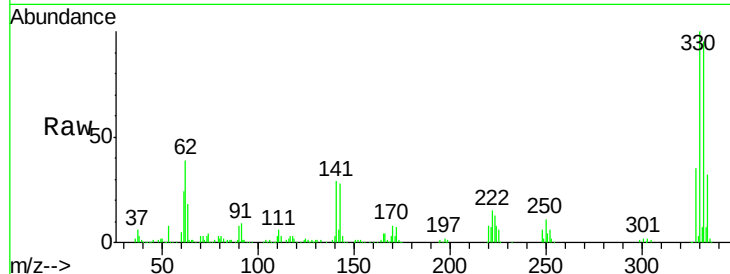




#41
 2,4,6-Tribromophenol
 Concen: 148.771 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

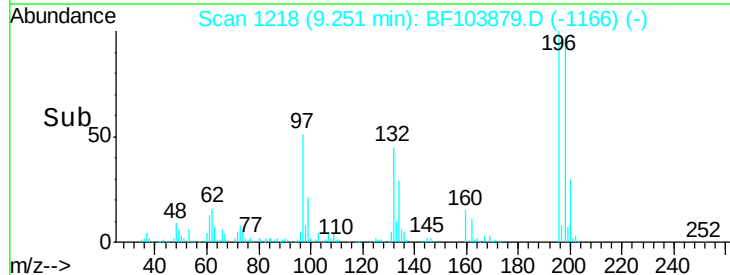
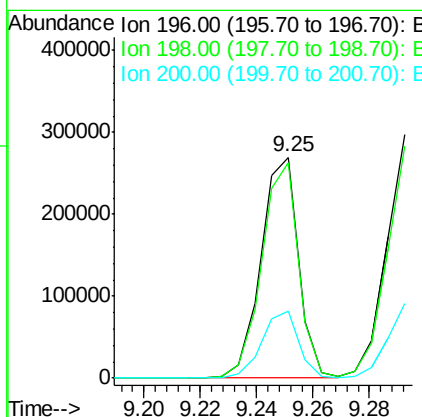
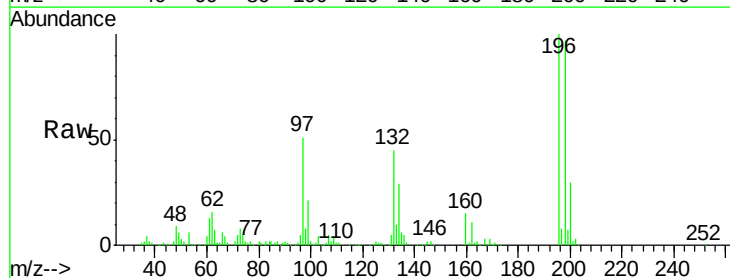
Instrument :
 BNA_F
 ClientSampled :

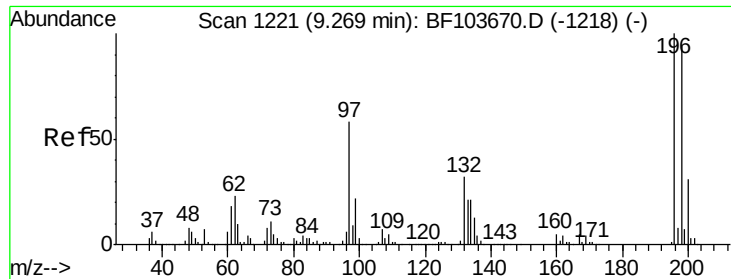
Tot Ion:330 Resp: 356557
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 31.9 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 48.844 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:196 Resp: 248449
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 200 30.5 24.5 36.7

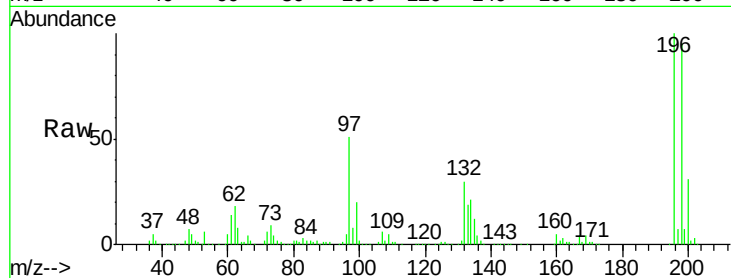




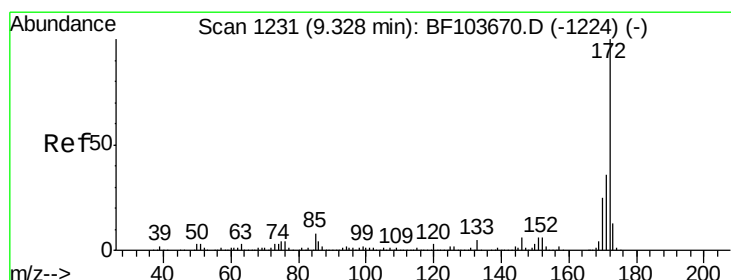
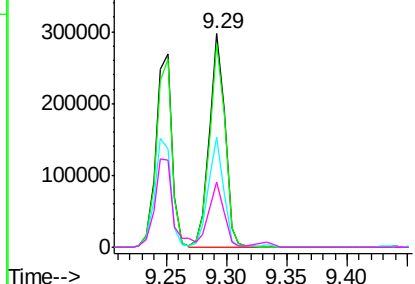
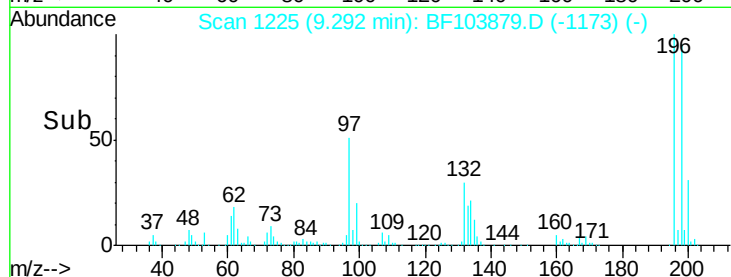
#43
2,4,5-Trichlorophenol
Concen: 46.418 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 266488
Ion Ratio Lower Upper
196 100
198 95.4 74.6 112.0
97 51.3 42.9 64.3
132 30.4 26.3 39.5

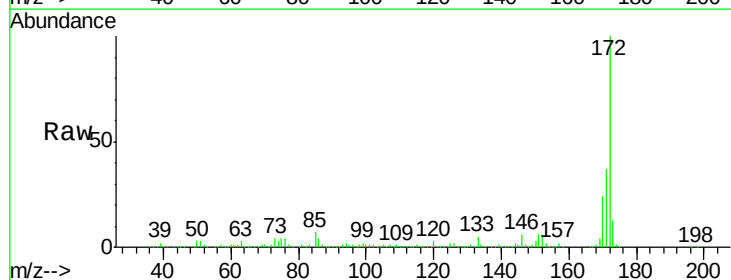


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

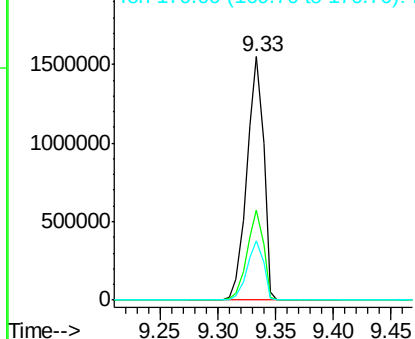
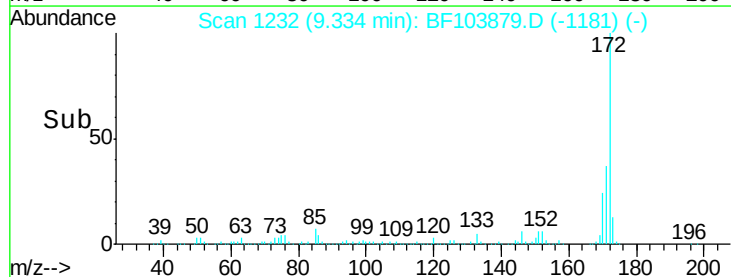


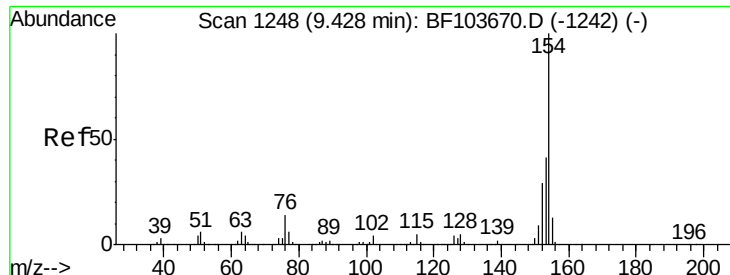
#44
2-Fluorobiphenyl
Concen: 88.441 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:172 Resp: 1545484
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.3 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

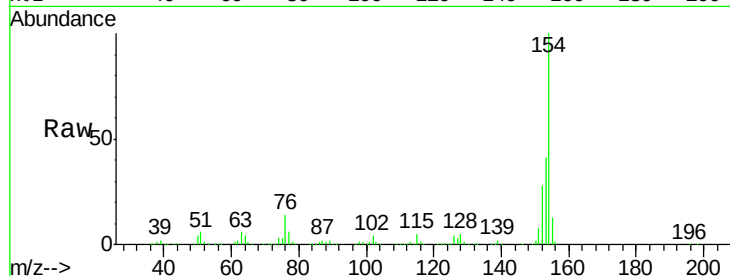




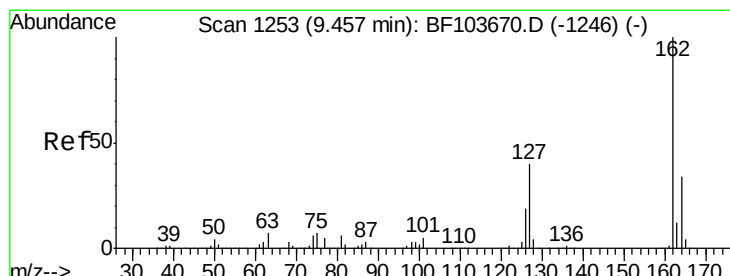
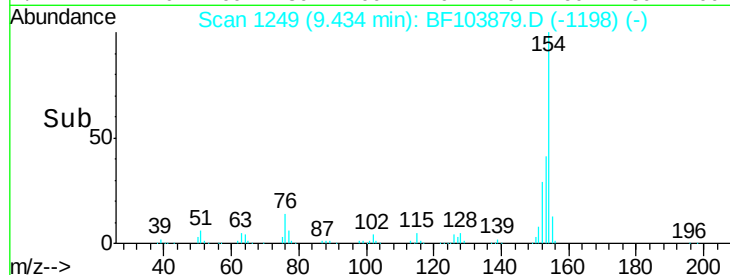
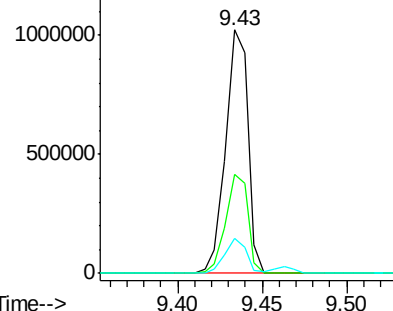
#45
 1,1'-Biphenyl
 Concen: 40.576 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 943116
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 14.4 0.0 34.0

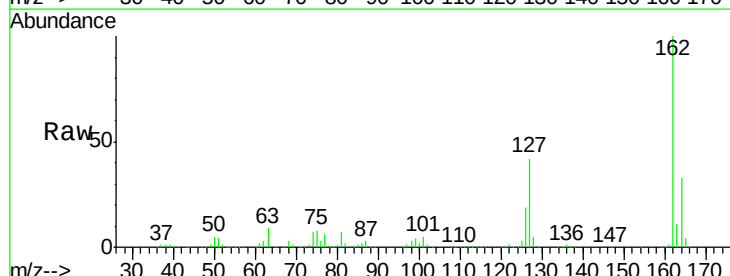


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

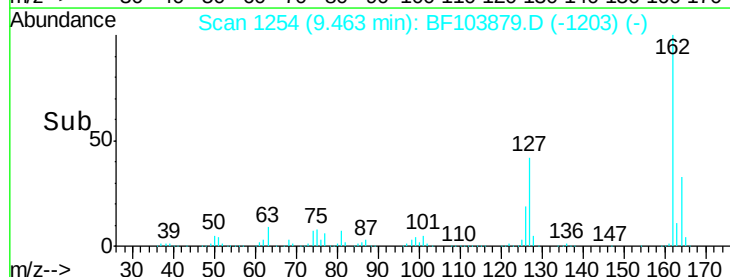
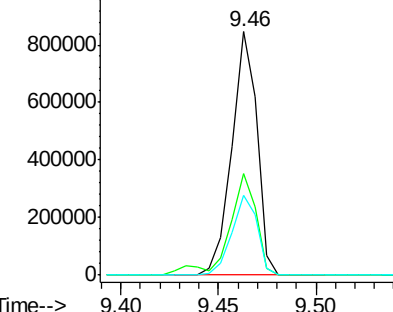


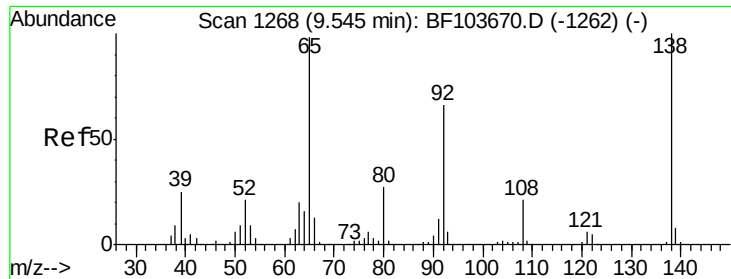
#46
 2-Chloronaphthalene
 Concen: 40.891 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:162 Resp: 754902
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.9 50.9
 164 33.0 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

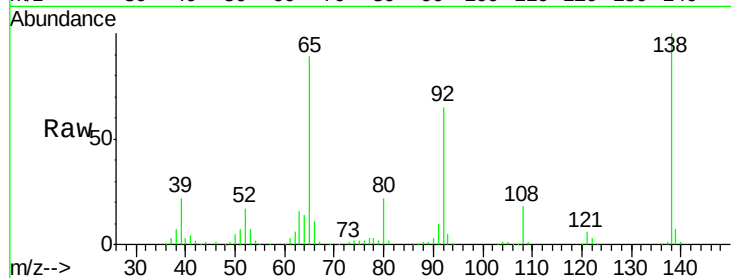




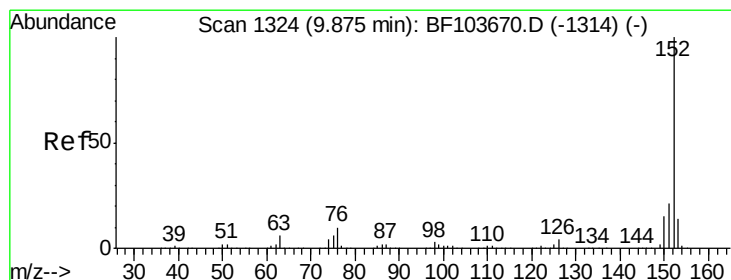
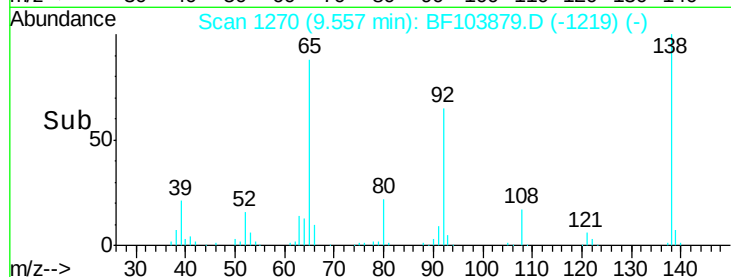
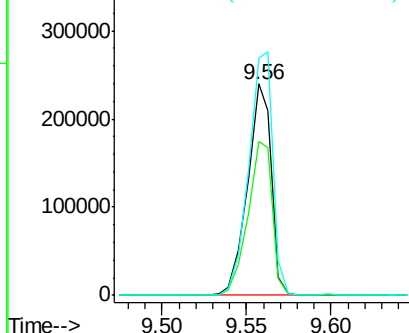
#47
2-Nitroaniline
Concen: 48.802 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 236329
Ion Ratio Lower Upper
65 100
92 73.0 55.8 83.6
138 112.4 91.2 136.8

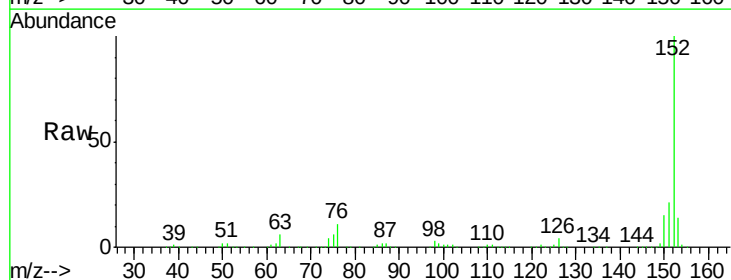


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

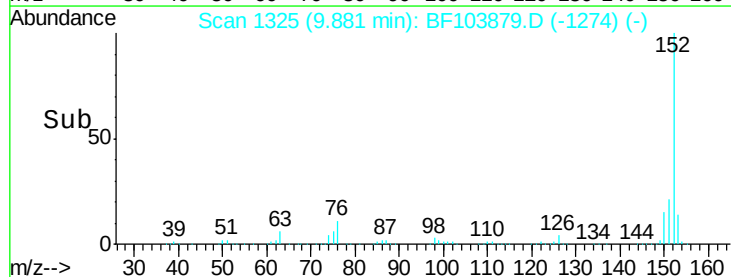
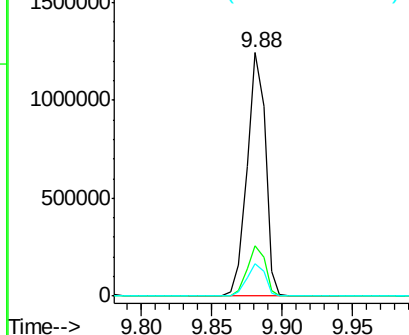


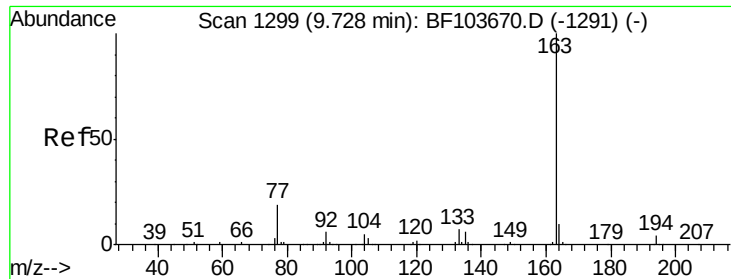
#48
Acenaphthylene
Concen: 39.543 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion: 152 Resp: 1132024
Ion Ratio Lower Upper
152 100
151 20.9 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

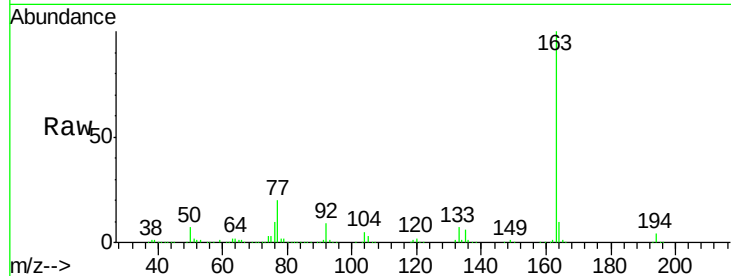




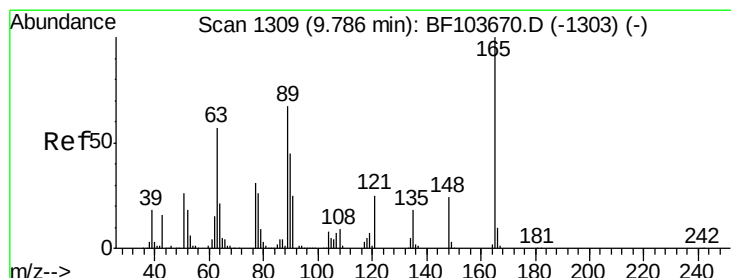
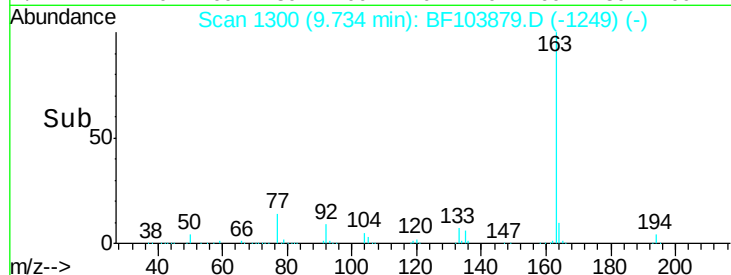
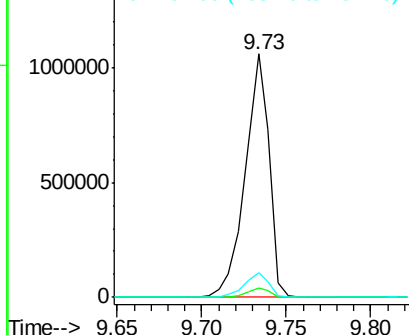
#49
Dimethylphthalate
Concen: 49.370 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1049957
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.2 12.2

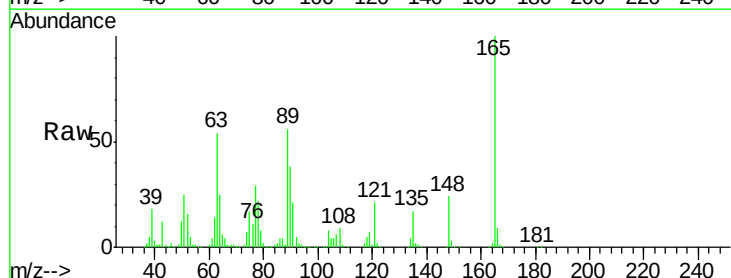


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

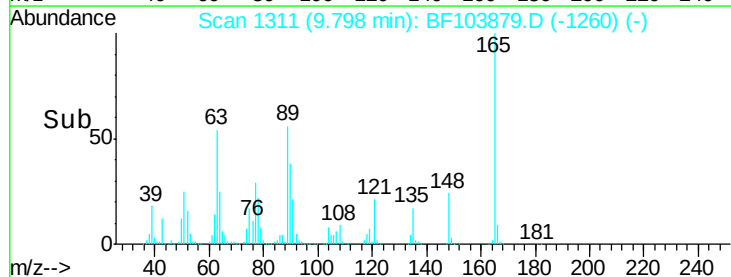
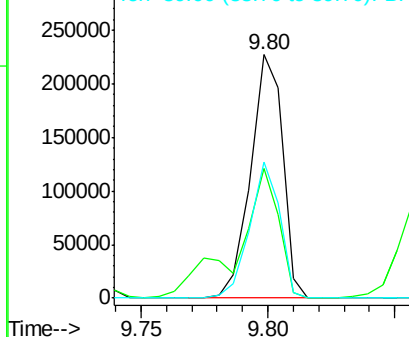


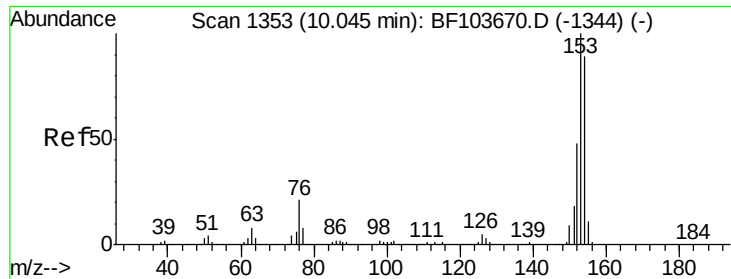
#50
2,6-Dinitrotoluene
Concen: 48.751 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:165 Resp: 200841
Ion Ratio Lower Upper
165 100
63 53.5 44.7 67.1
89 55.8 44.0 66.0



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





#51

Acenaphthene

Concen: 40.473 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

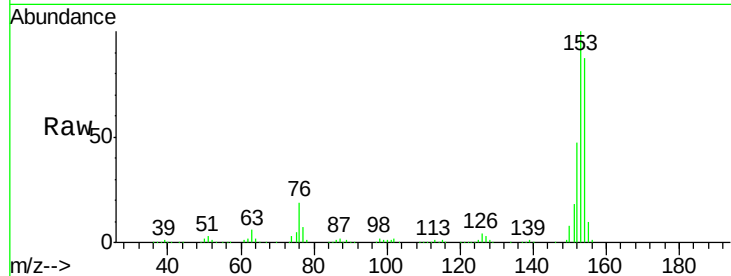
Tot Ion:154 Resp: 687973

Ion Ratio Lower Upper

154 100

153 115.4 91.2 136.8

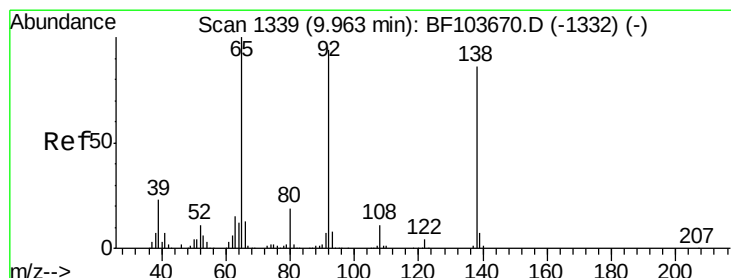
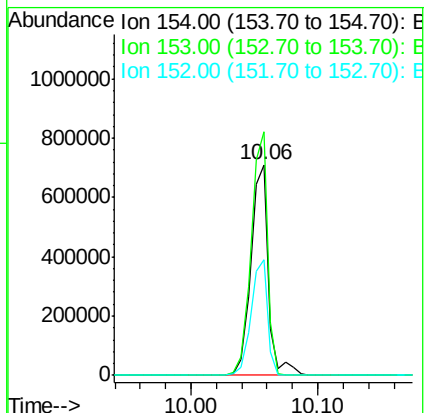
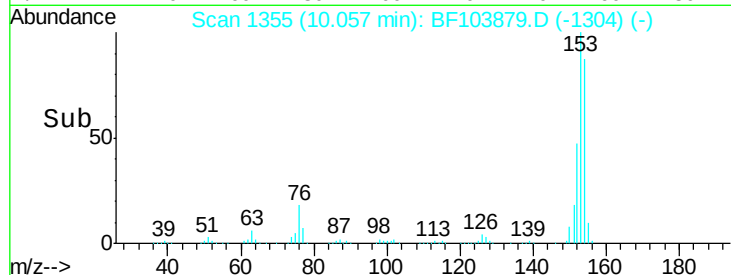
152 54.7 43.8 65.8



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: 31.566 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

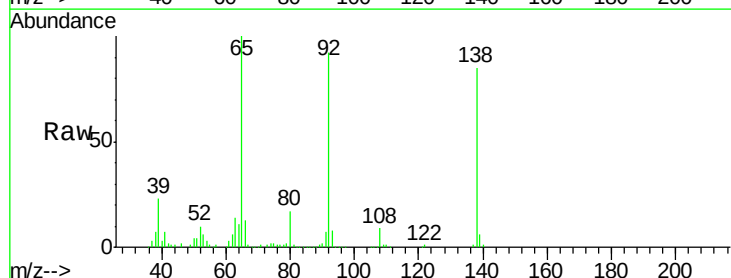
Tgt Ion:138 Resp: 148646

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

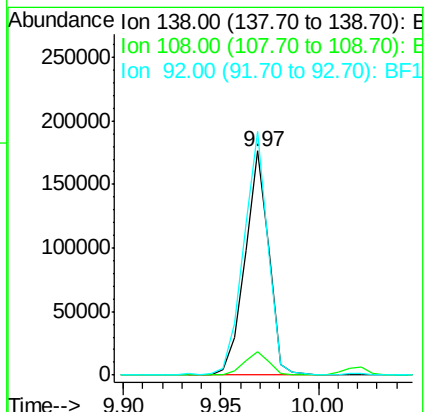
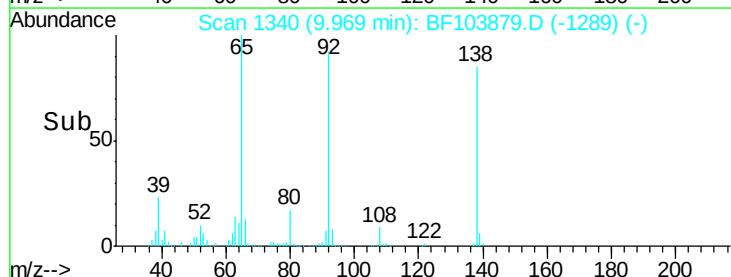
92 108.7 89.4 134.2

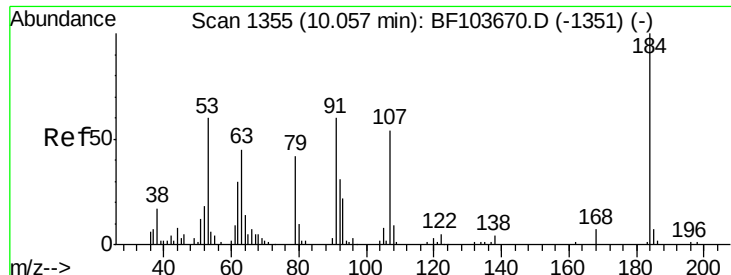


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

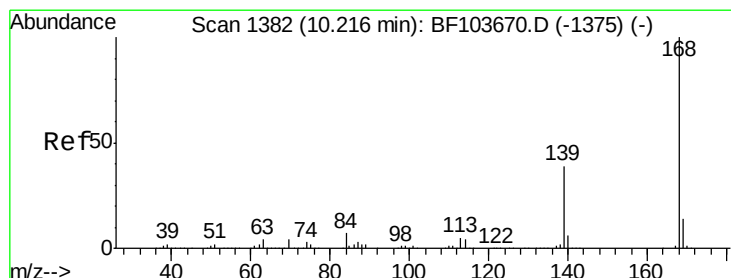
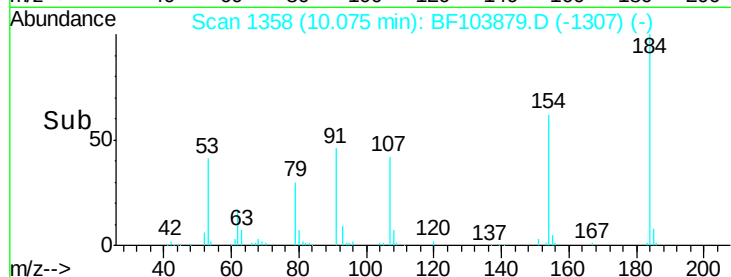
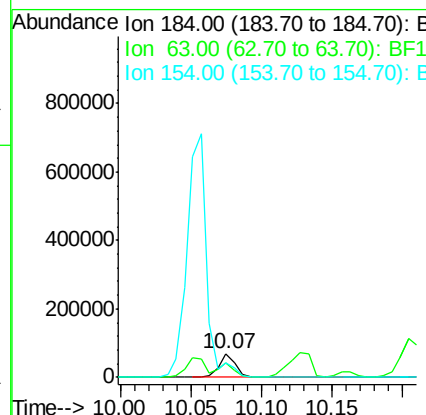
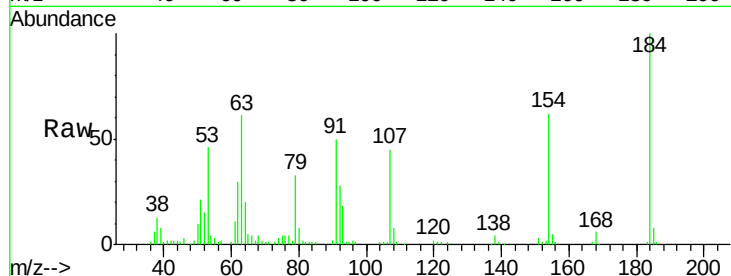




#53
2,4-Dinitrophenol
Concen: 57.632 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

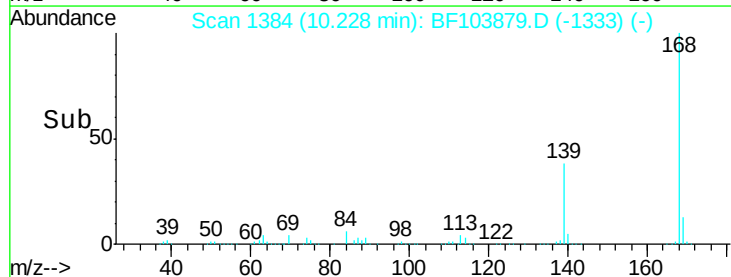
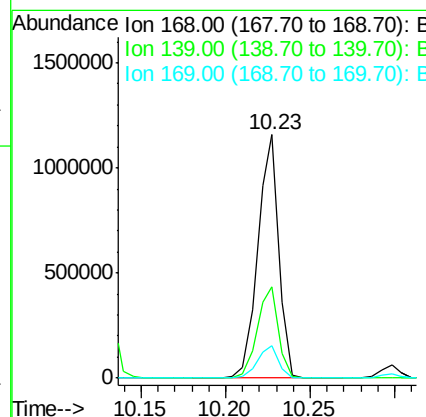
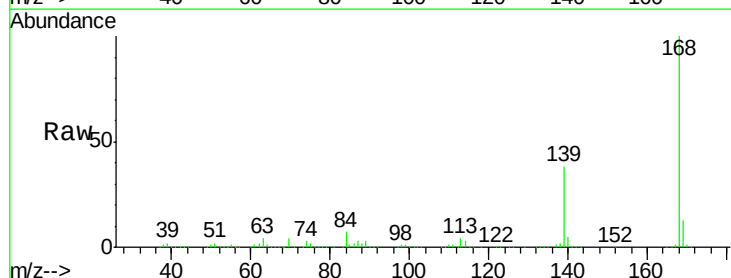
Instrument :
BNA_F
ClientSampled :

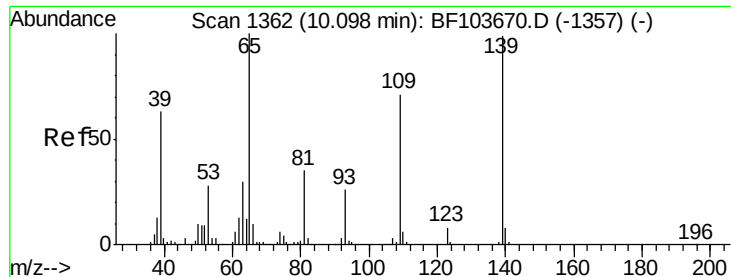
Tot Ion:184 Resp: 57291
Ion Ratio Lower Upper
184 100
63 61.2 54.2 81.2
154 62.4 184.0 276.0#



#54
Dibenzofuran
Concen: 41.339 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:168 Resp: 1003588
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.3 10.9 16.3

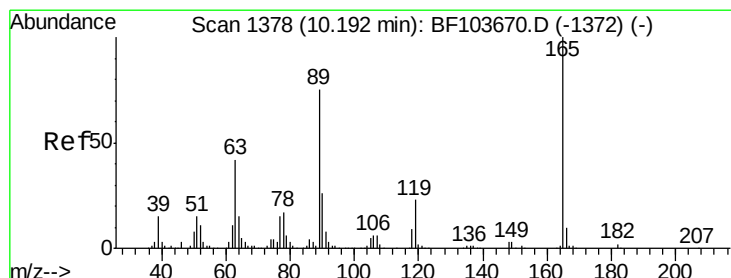
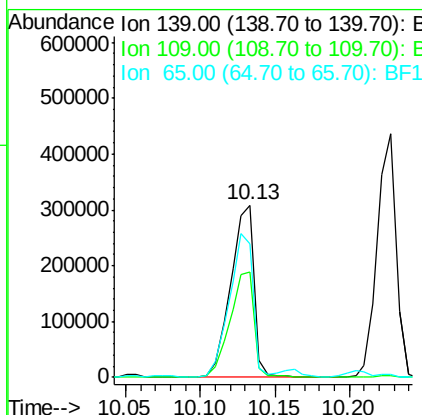
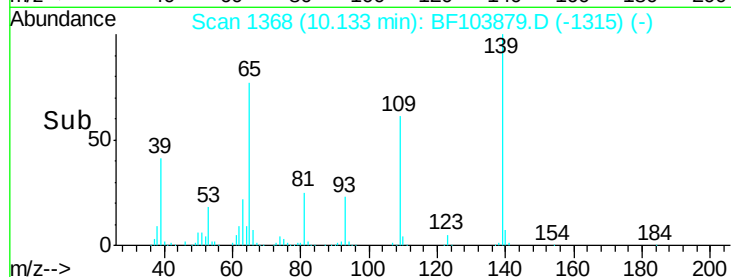
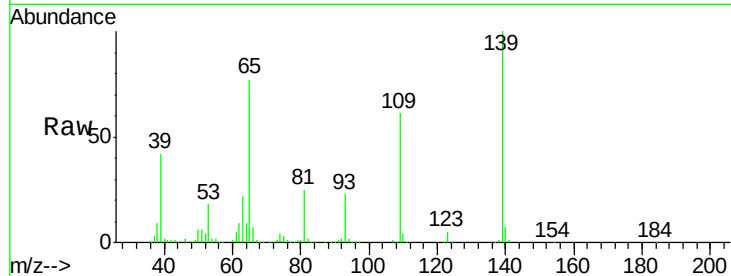




#55
4-Nitrophenol
Concen: 87.547 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

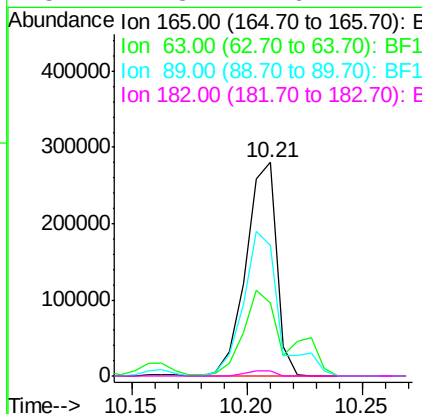
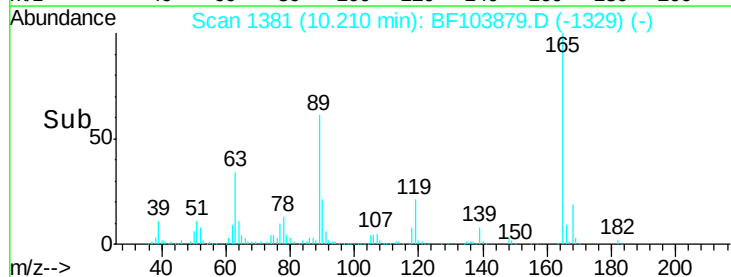
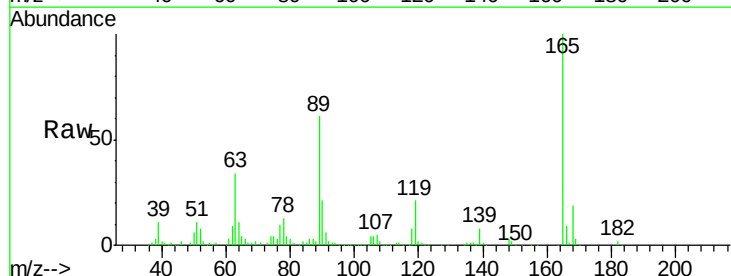
Instrument :
BNA_F
ClientSampled :

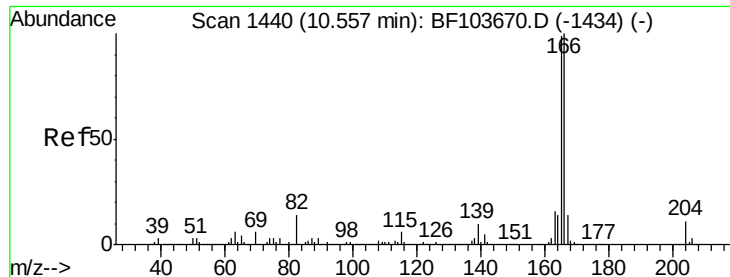
Tot Ion:139 Resp: 342821
Ion Ratio Lower Upper
139 100
109 61.0 48.4 88.4
65 77.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.732 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:165 Resp: 260546
Ion Ratio Lower Upper
165 100
63 34.0 36.4 54.6#
89 61.0 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 40.514 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampled :

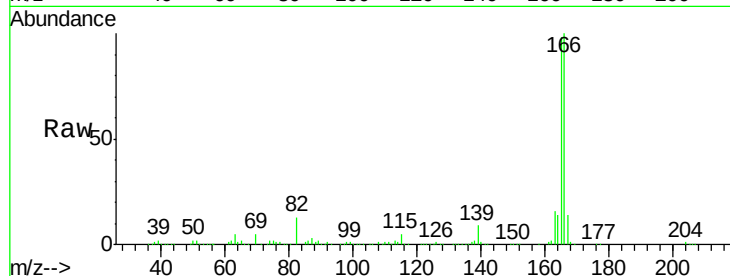
Tot Ion:166 Resp: 763228

Ion Ratio Lower Upper

166 100

165 98.0 79.8 119.8

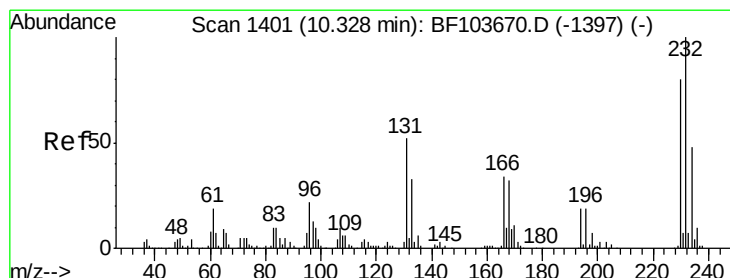
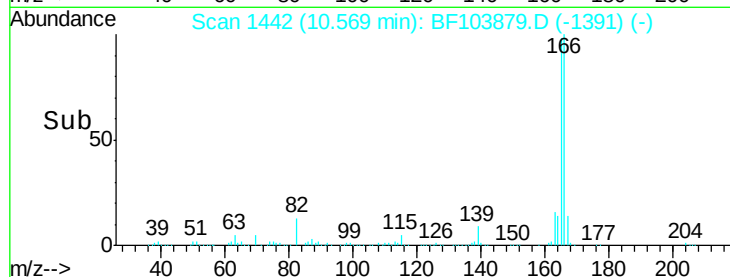
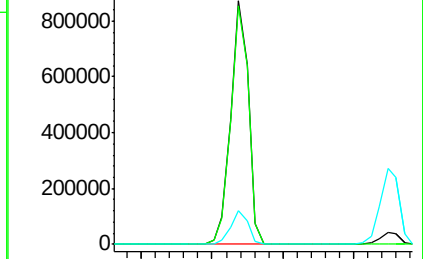
167 13.7 10.6 16.0



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: 49.102 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion:232 Resp: 199748

Ion Ratio Lower Upper

232 100

131 49.1 43.8 65.8

130 2.3 2.1 3.1

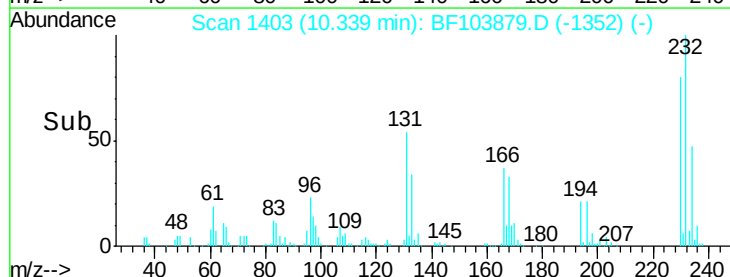
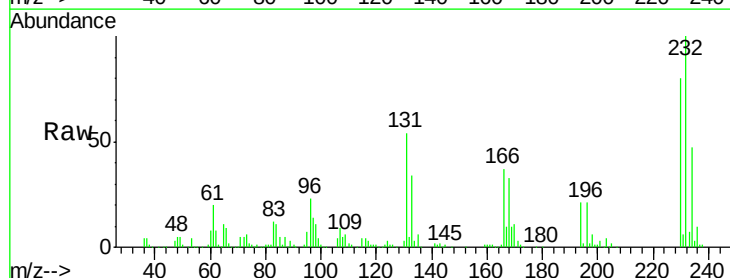
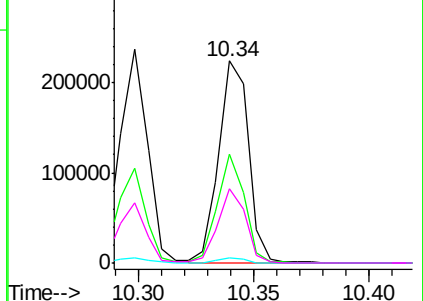
166 34.5 27.8 41.6

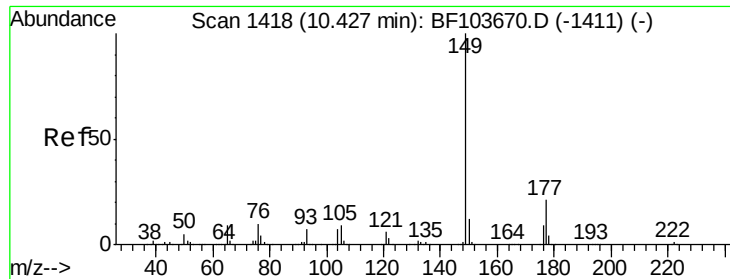
Abundance Ion 232.00 (231.70 to 232.70): E

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

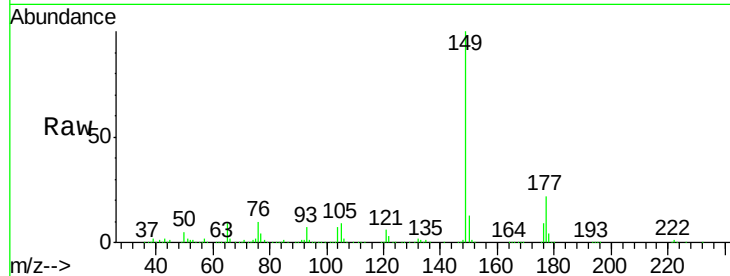




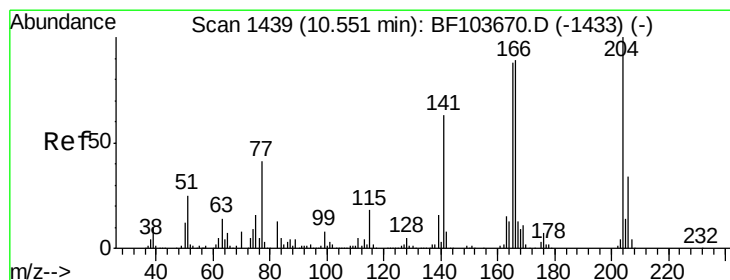
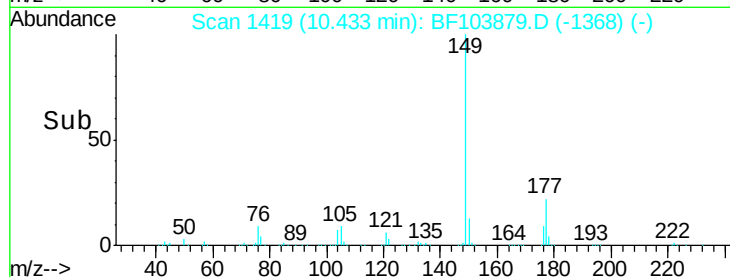
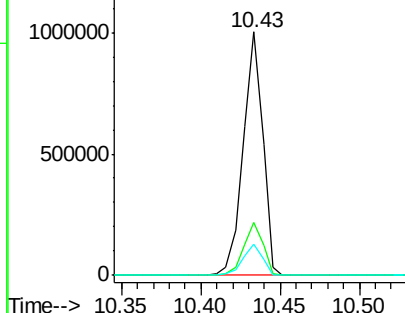
#59
Diethylphthalate
Concen: 40.635 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 857713
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.9 10.1 15.1

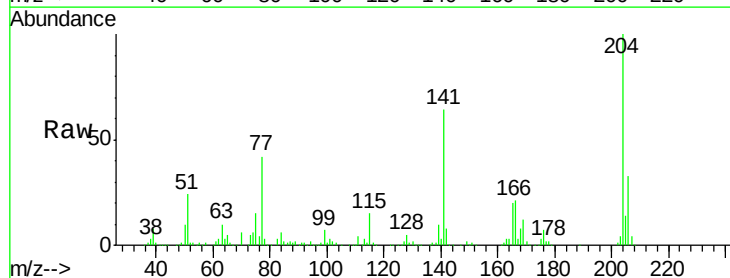


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

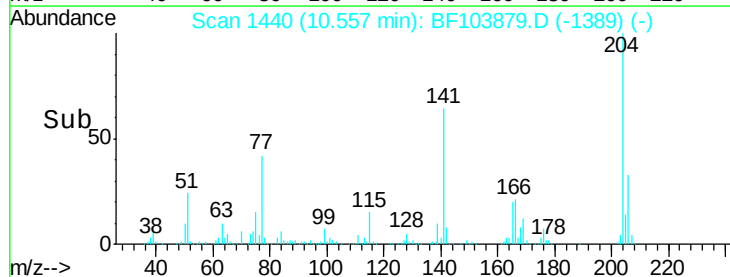
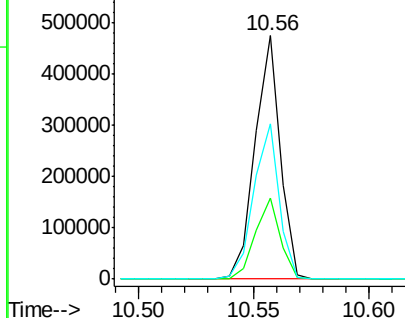


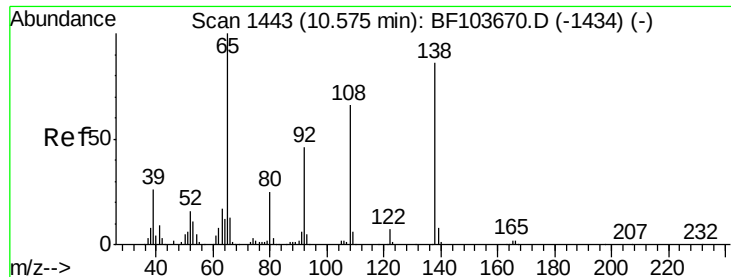
#60
4-Chlorophenyl-phenylether
Concen: 42.202 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:204 Resp: 363340
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 63.7 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

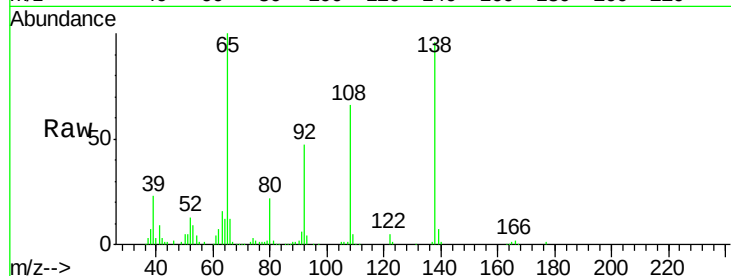




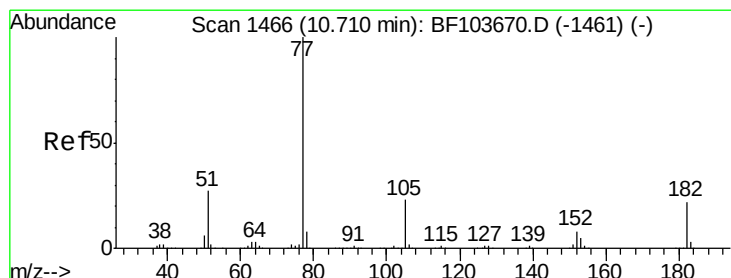
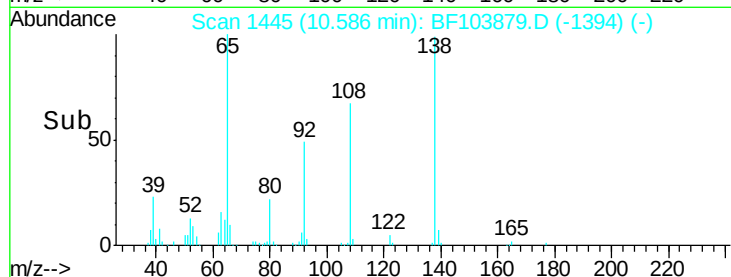
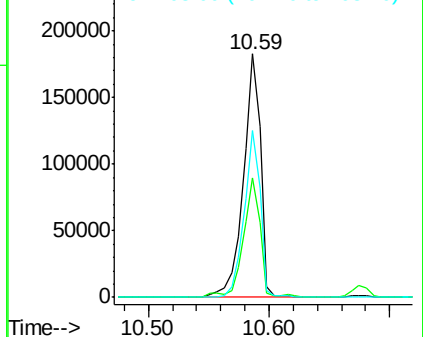
#61
4-Nitroaniline
Concen: 39.096 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 181947
Ion Ratio Lower Upper
138 100
92 49.1 30.2 70.2
108 68.6 52.5 92.5

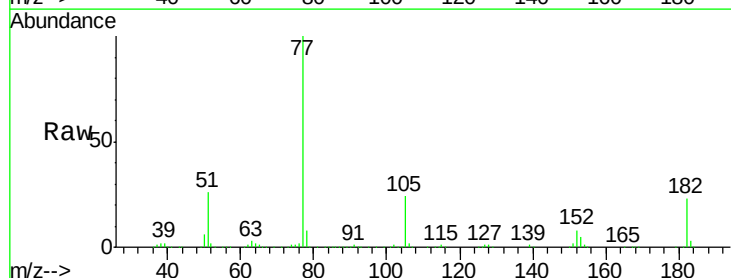


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

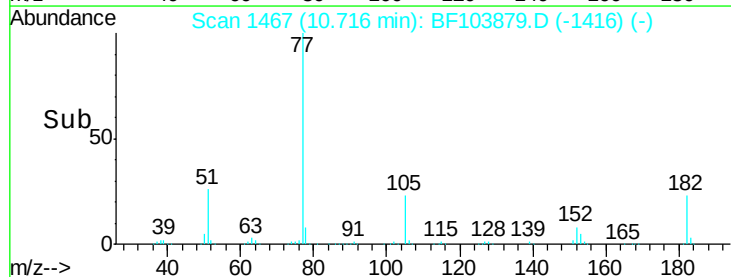
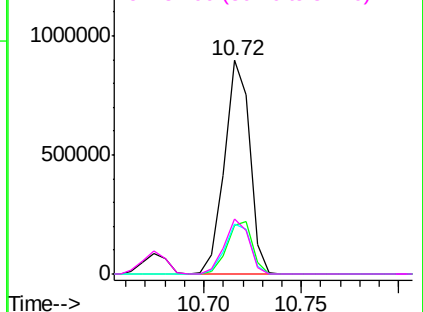


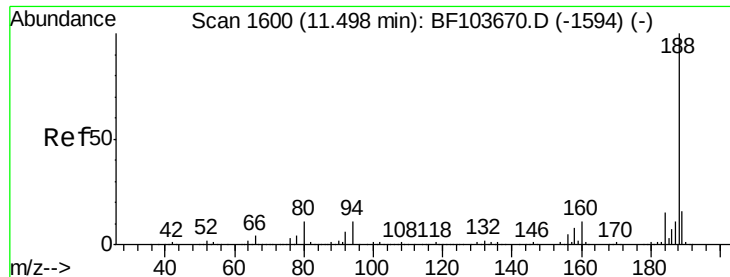
#62
Azobenzene
Concen: 37.381 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion: 77 Resp: 802191
Ion Ratio Lower Upper
77 100
182 23.1 1.7 41.7
105 23.6 3.0 43.0
51 25.8 9.9 49.9



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

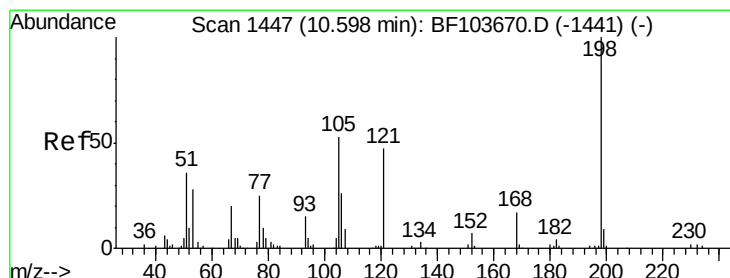
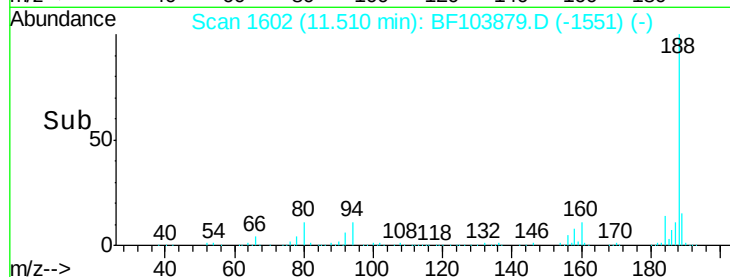
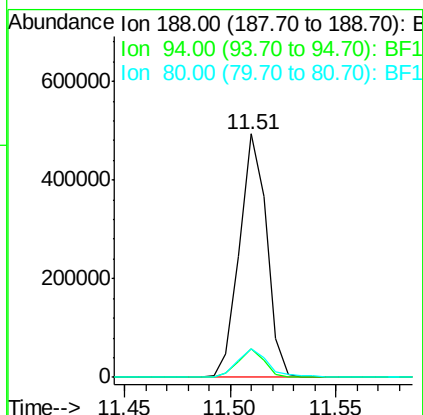
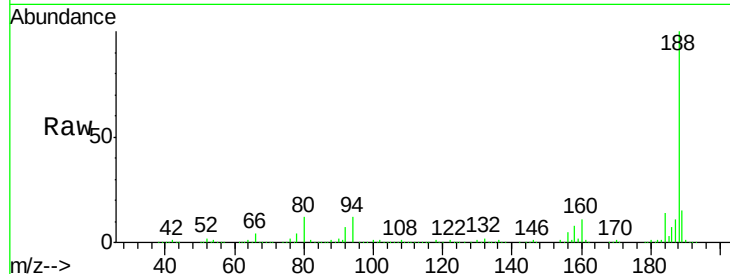




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

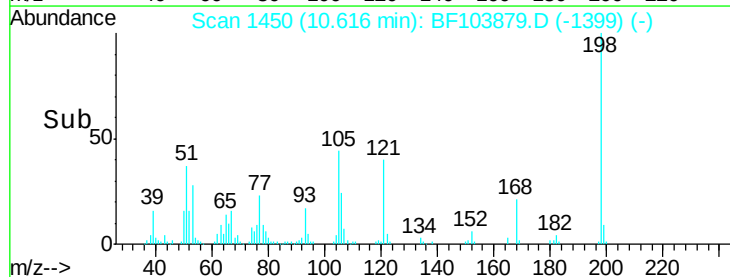
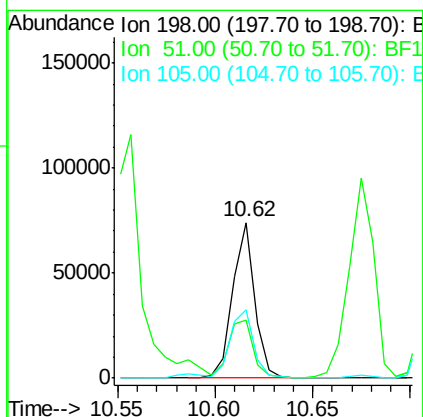
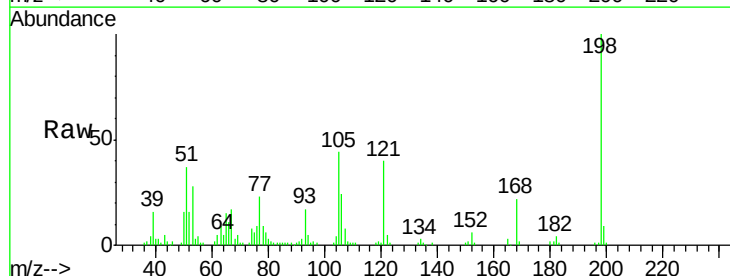
Instrument :
 BNA_F
 ClientSampleId :

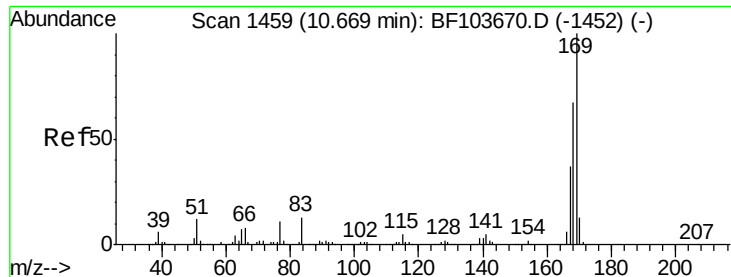
Tot Ion:188 Resp: 439520
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.5 12.7
 80 11.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.762 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:198 Resp: 58343
 Ion Ratio Lower Upper
 198 100
 51 37.2 37.7 77.7#
 105 43.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 46.719 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampled :

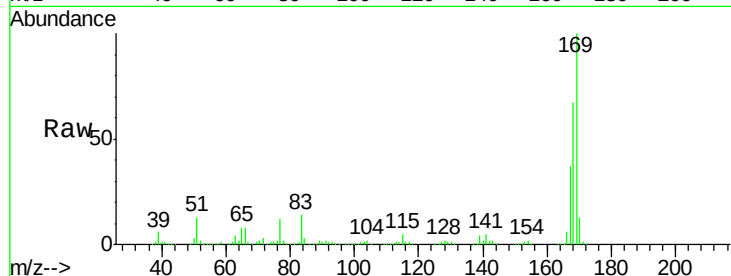
Tot Ion:169 Resp: 698943

Ion Ratio Lower Upper

169 100

168 67.2 54.4 81.6

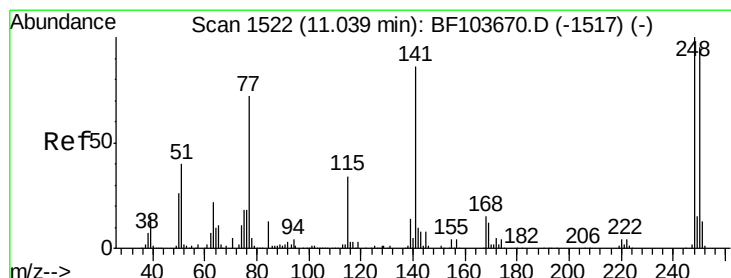
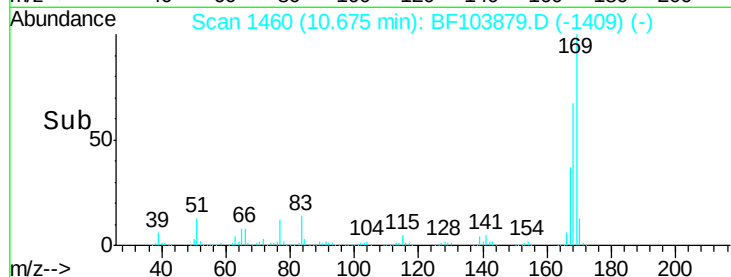
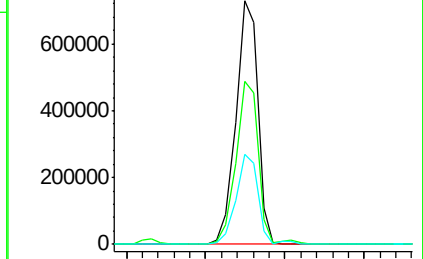
167 37.0 29.8 44.6



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: 47.116 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

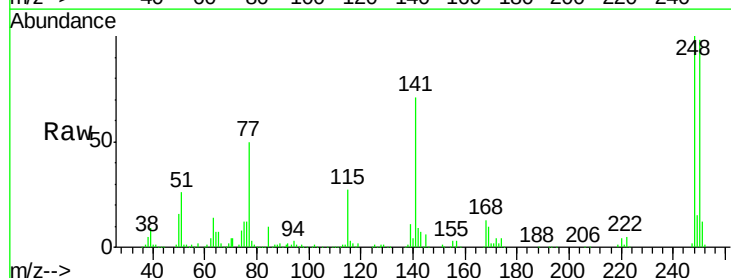
Tgt Ion:248 Resp: 212621

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

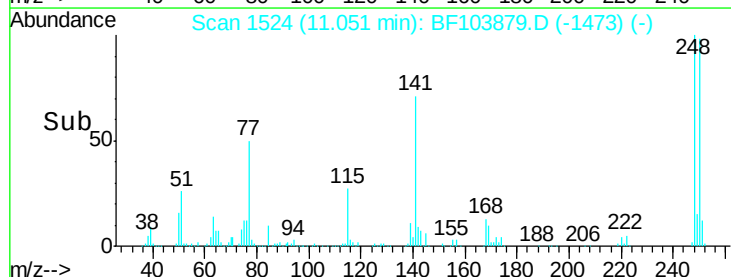
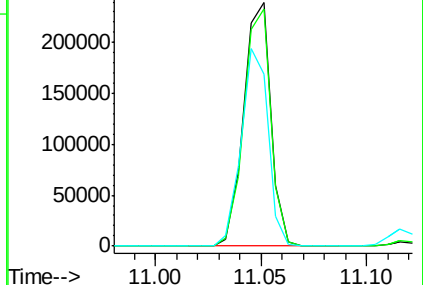
141 70.7 74.4 111.6#

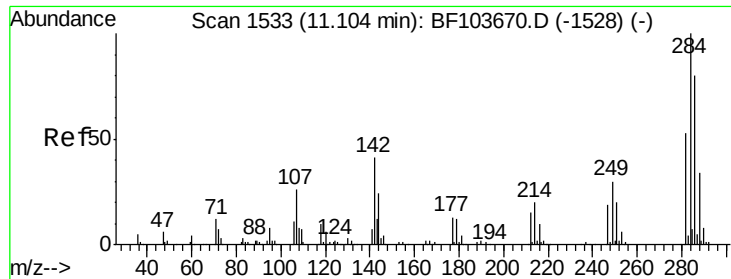


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

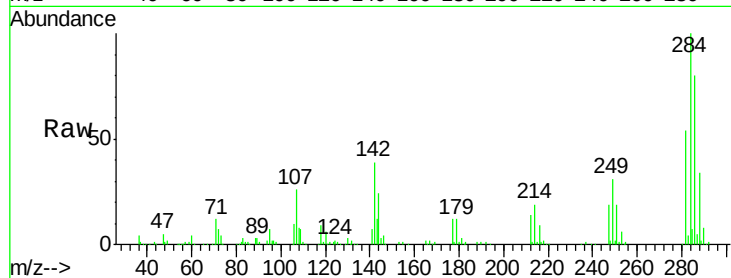




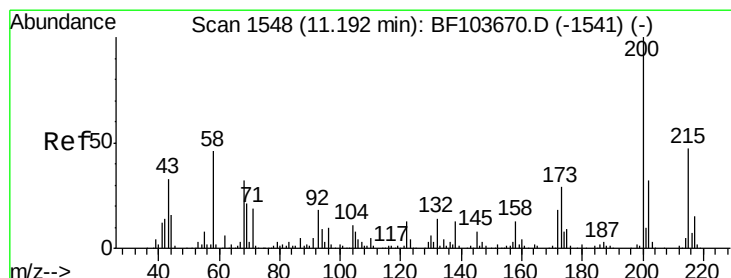
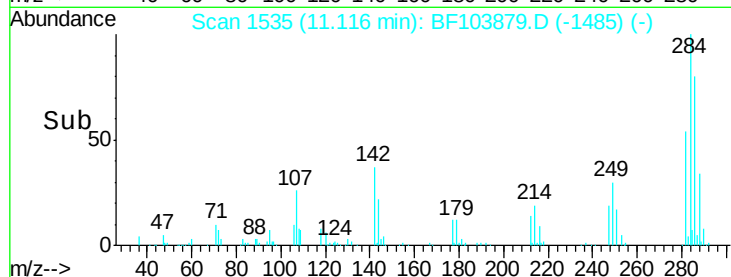
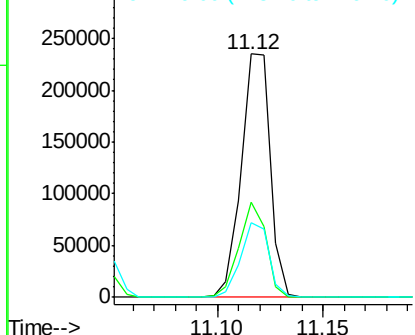
#67
Hexachlorobenzene
Concen: 43.563 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 224375
Ion Ratio Lower Upper
284 100
142 39.1 34.6 52.0
249 30.9 24.8 37.2

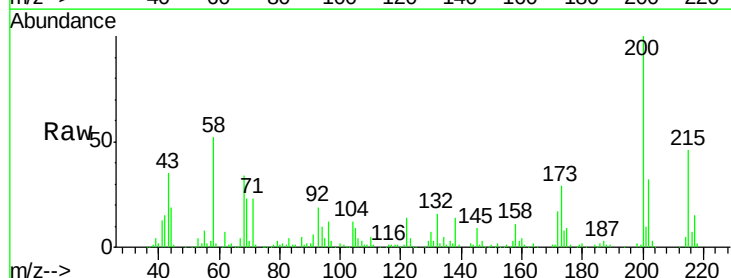


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

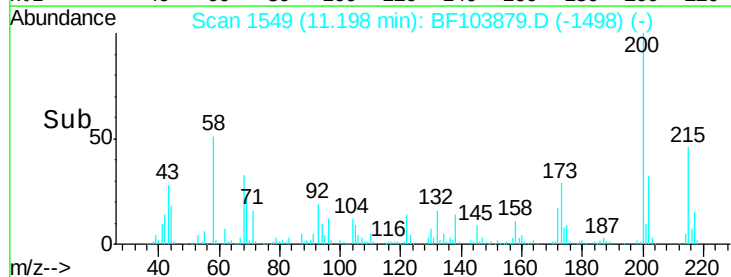
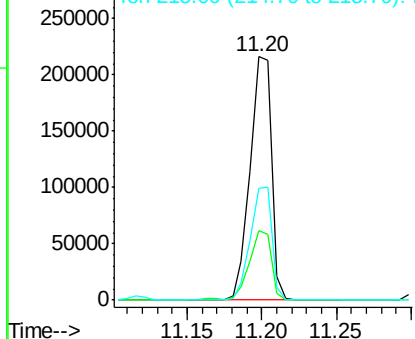


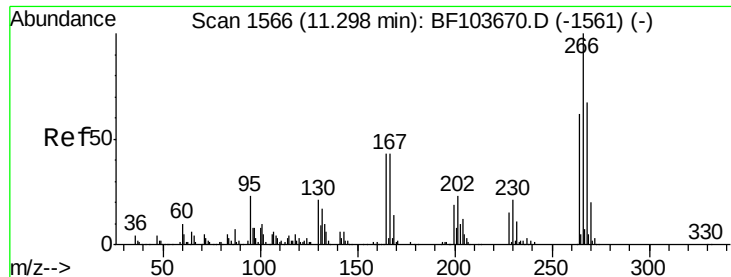
#68
Atrazine
Concen: 46.312 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:200 Resp: 214328
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 45.7 25.1 65.1



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





#69

Pentachlorophenol

Concen: 75.785 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampled :

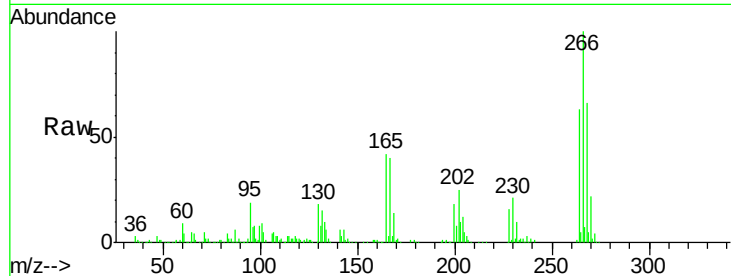
Tot Ion:266 Resp: 224407

Ion Ratio Lower Upper

266 100

268 66.3 51.1 76.7

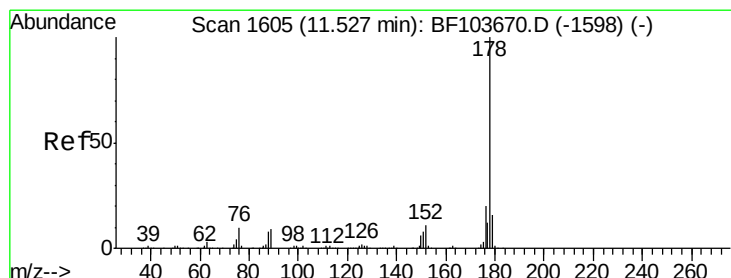
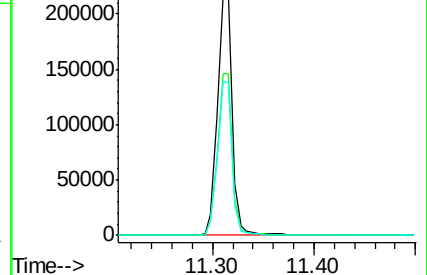
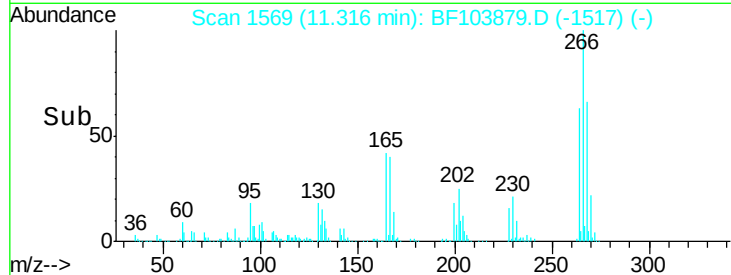
264 62.5 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.234 ng

RT: 11.54 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

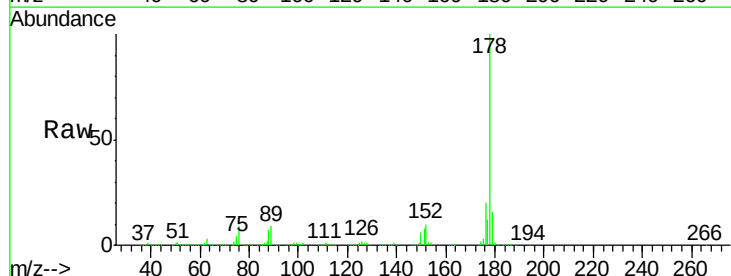
Tgt Ion:178 Resp: 991386

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

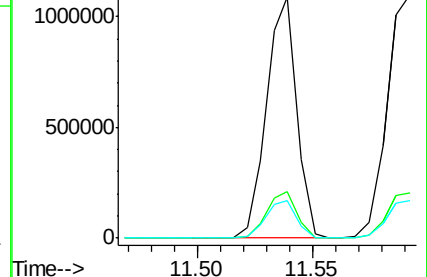
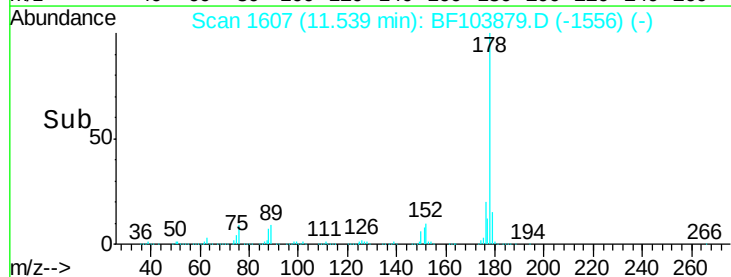
179 15.7 13.0 19.6

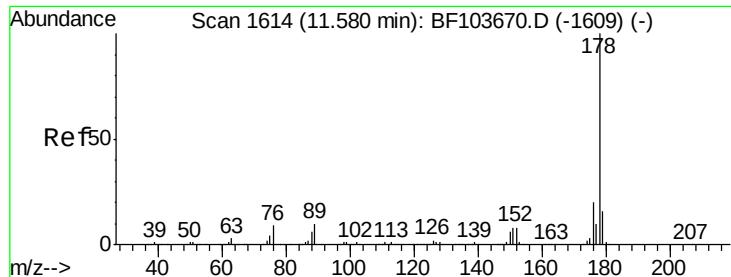


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

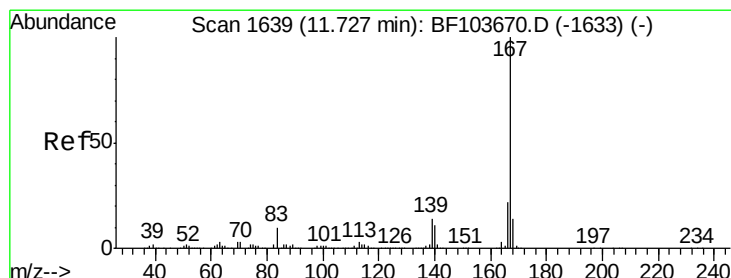
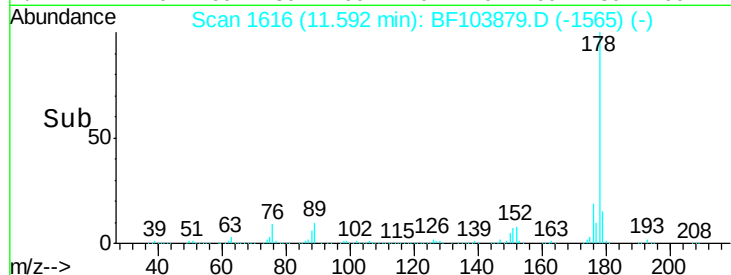
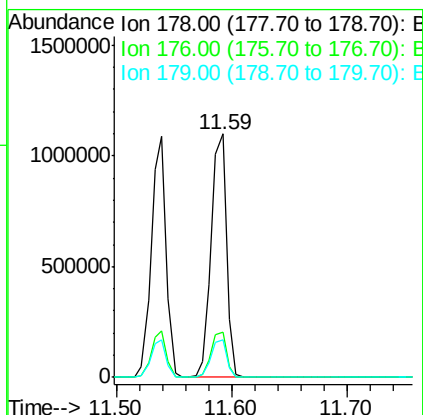
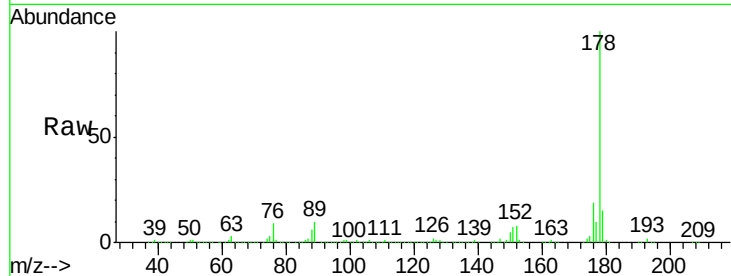




#71
 Anthracene
 Concen: 41.774 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

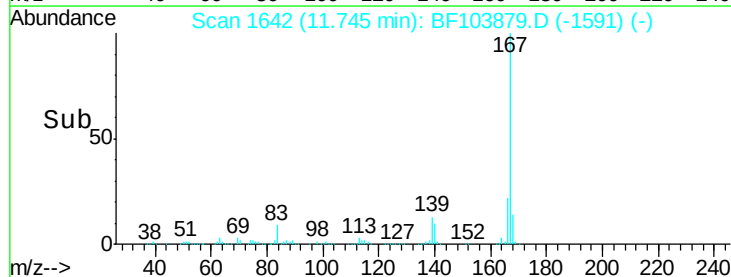
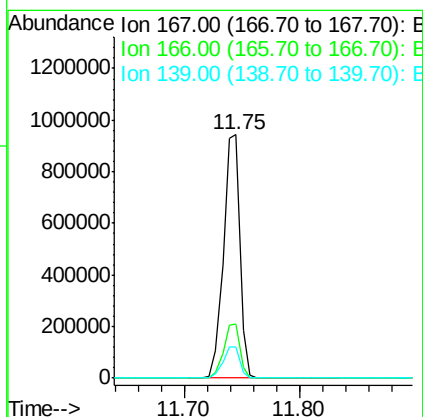
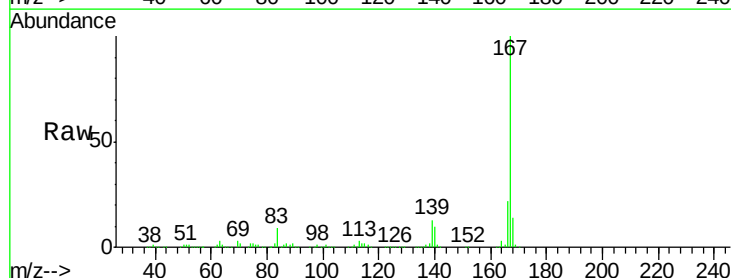
Instrument :
 BNA_F
 ClientSampleId :

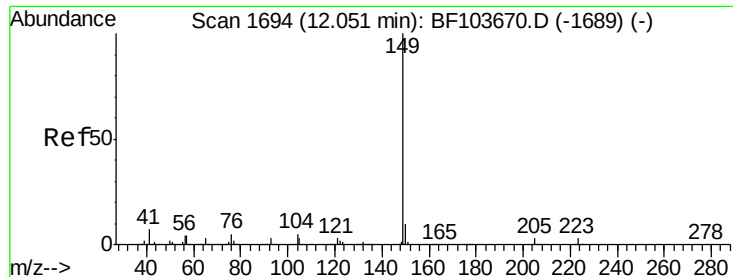
Tot Ion:178 Resp: 1020101
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 39.119 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:167 Resp: 928458
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.641 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

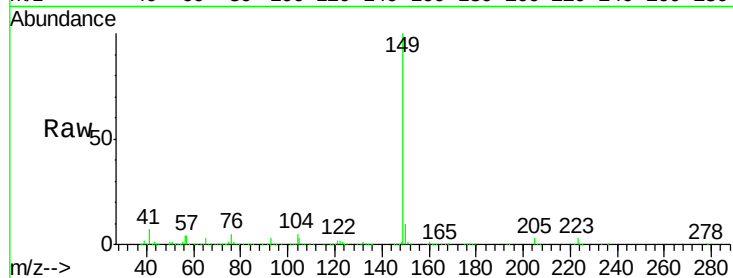
Tot Ion:149 Resp: 1242837

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

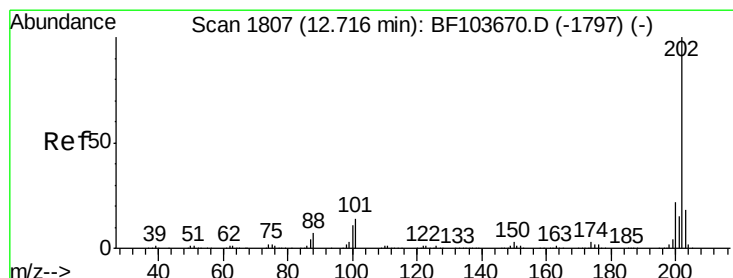
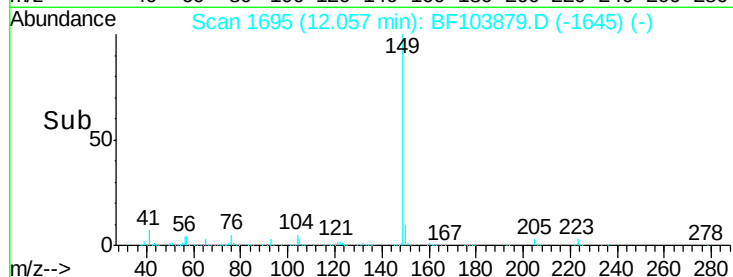
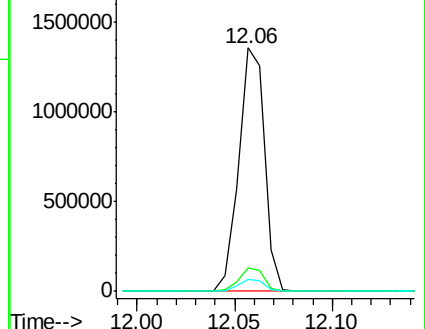
104 4.9 3.8 5.8



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: 35.264 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

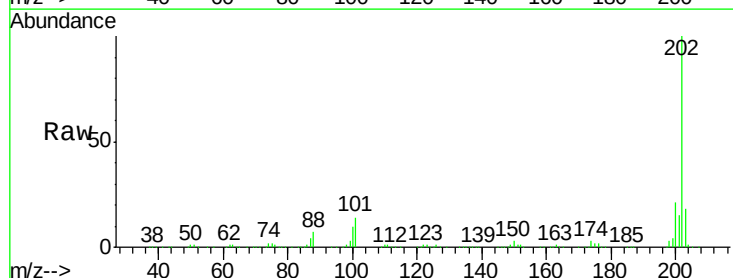
Tgt Ion:202 Resp: 873483

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

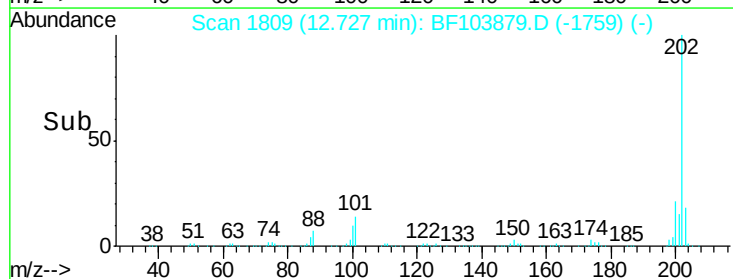
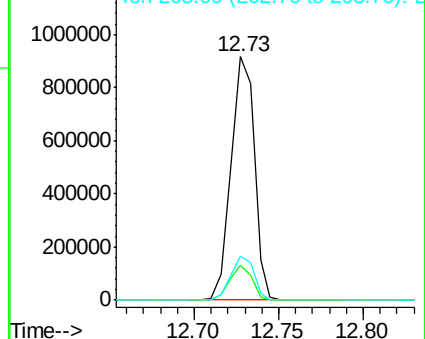
203 18.1 0.0 38.1

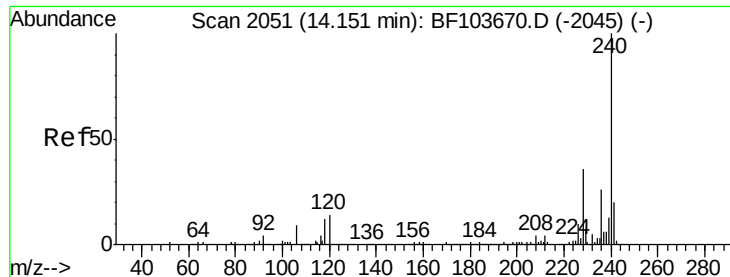


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.17 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

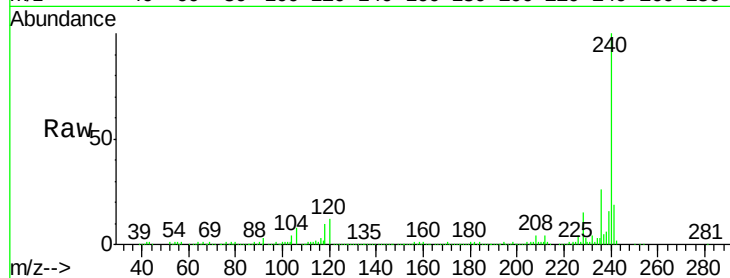
Tot Ion:240 Resp: 278726

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

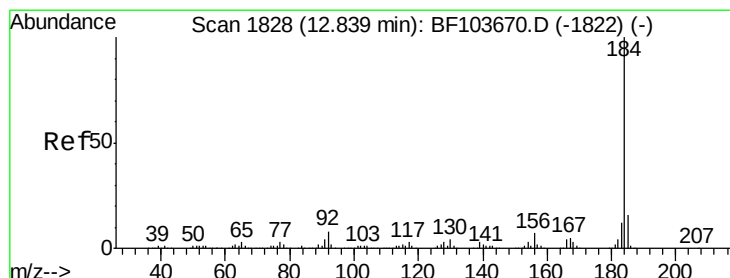
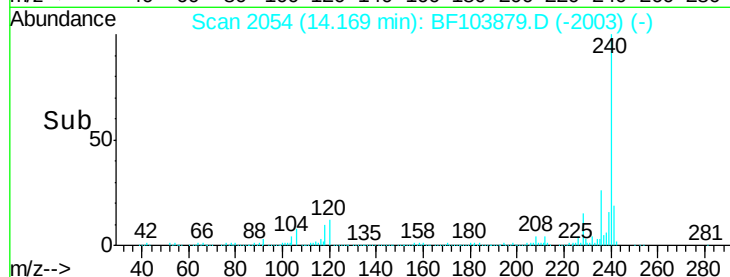
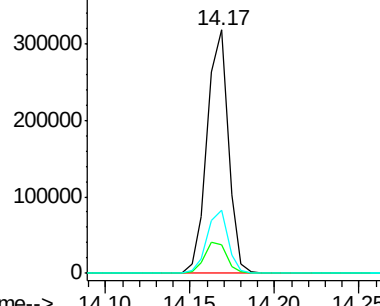
236 25.8 20.7 31.1



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: 44.038 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

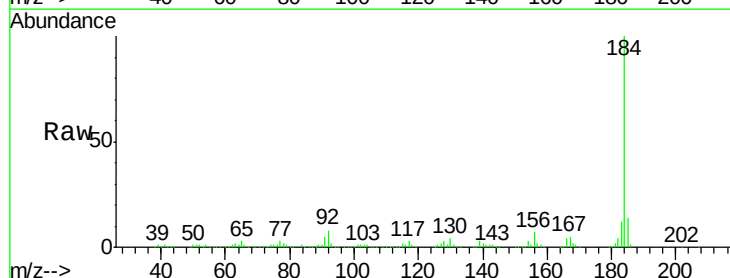
Tgt Ion:184 Resp: 523513

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

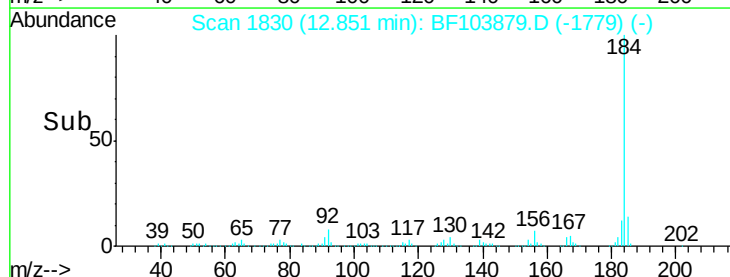
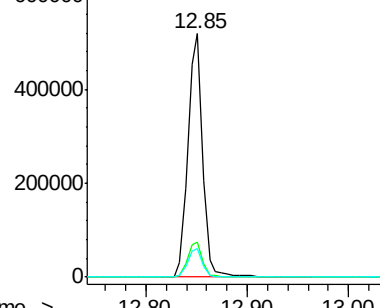
183 11.8 9.3 13.9

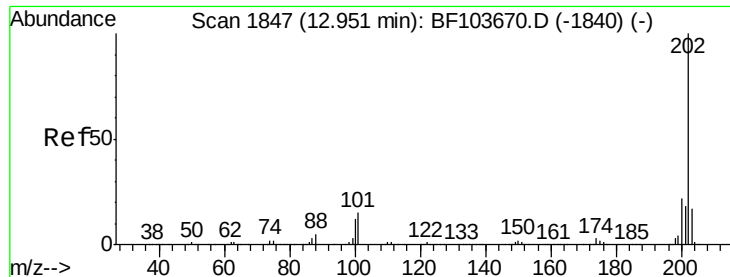


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

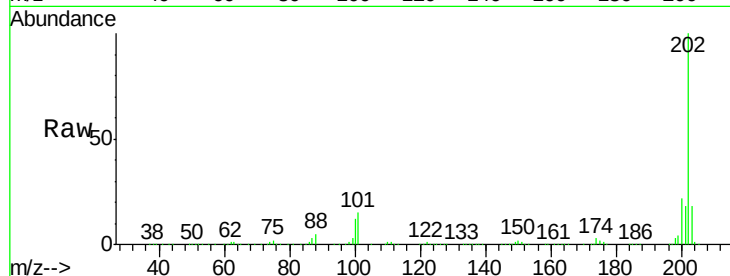




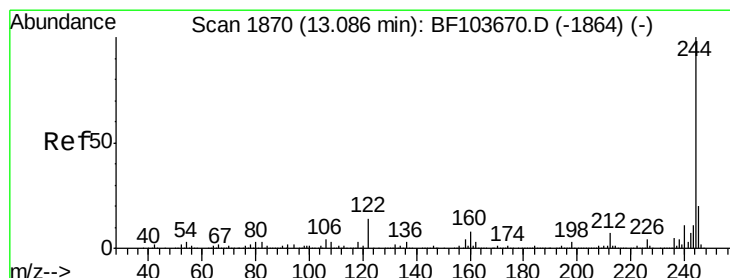
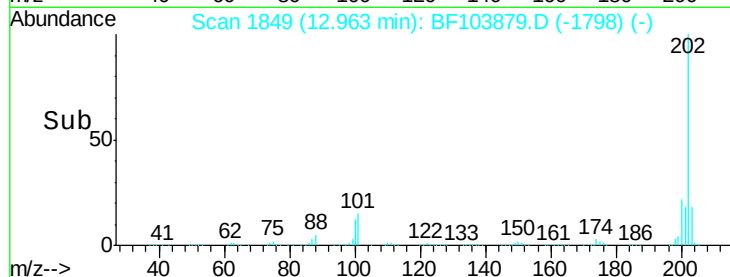
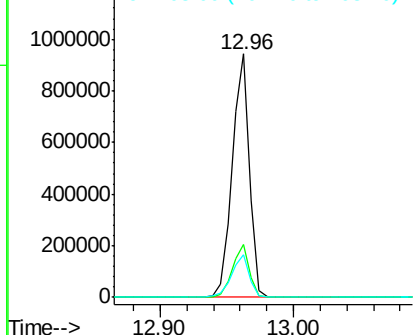
#77
Pvrene
Concen: 41.776 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 855136
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.7 14.3 21.5

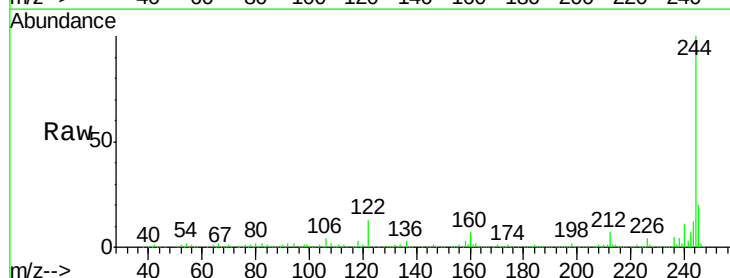


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

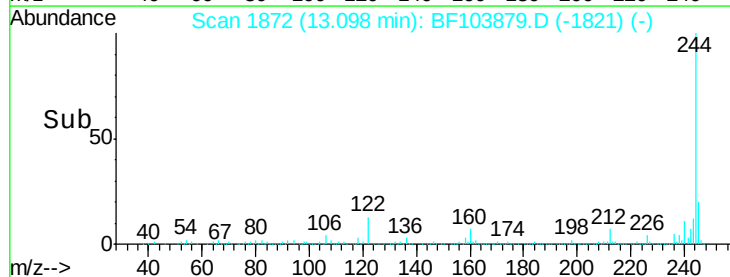
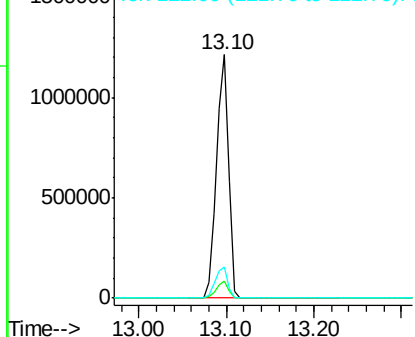


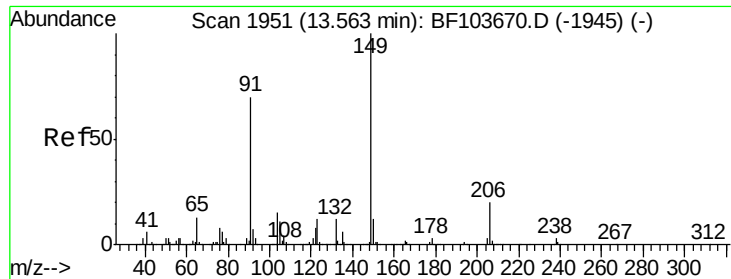
#78
Terphenyl-d14
Concen: 96.990 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:244 Resp: 1164670
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

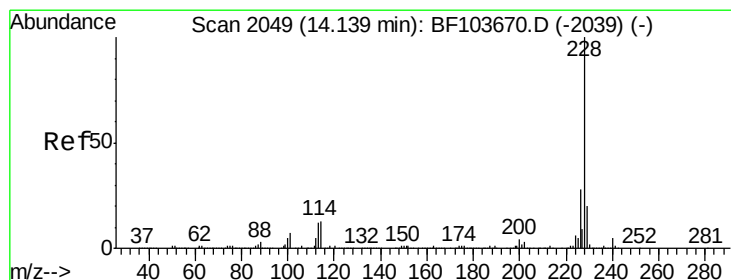
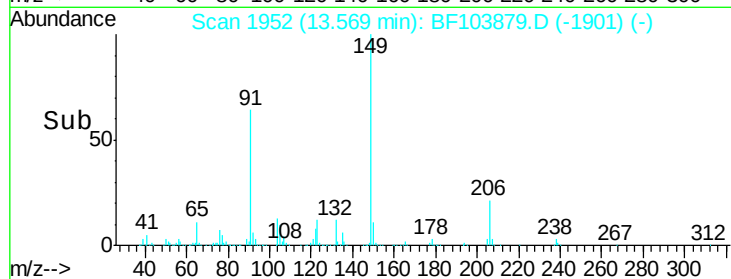
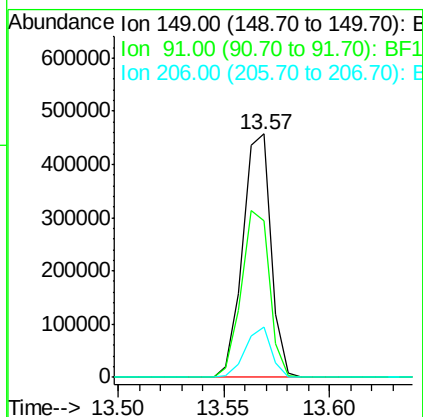
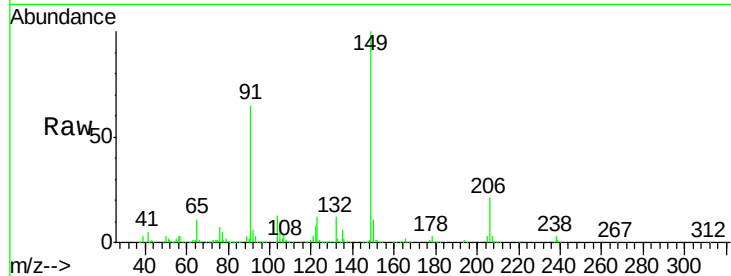




#79
Butylbenzylphthalate
Concen: 46.669 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

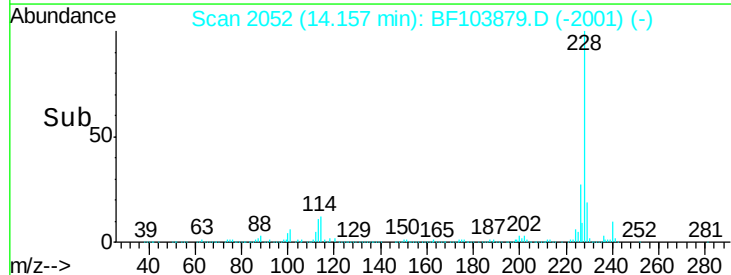
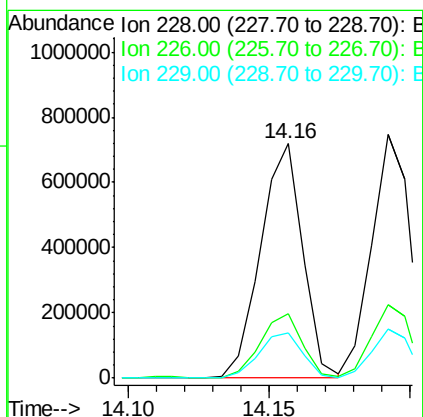
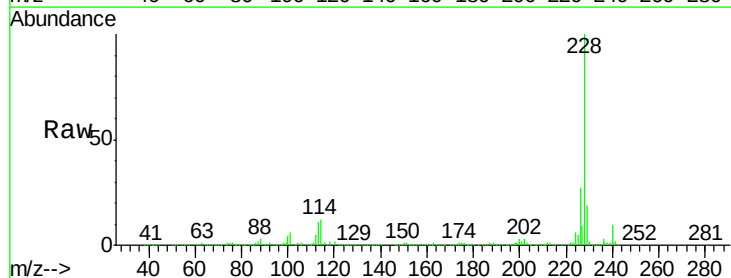
Instrument :
BNA_F
ClientSampleId :

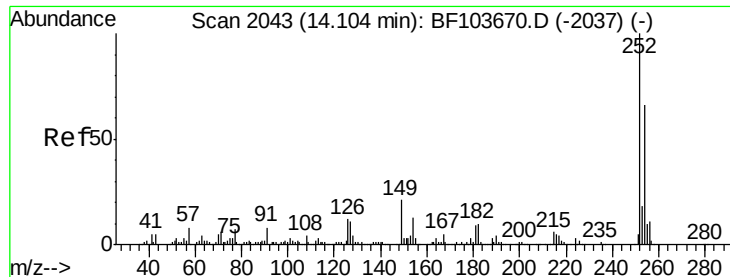
Tot Ion:149 Resp: 423242
Ion Ratio Lower Upper
149 100
91 64.5 56.8 85.2
206 20.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.073 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:228 Resp: 742308
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.5 15.8 23.6

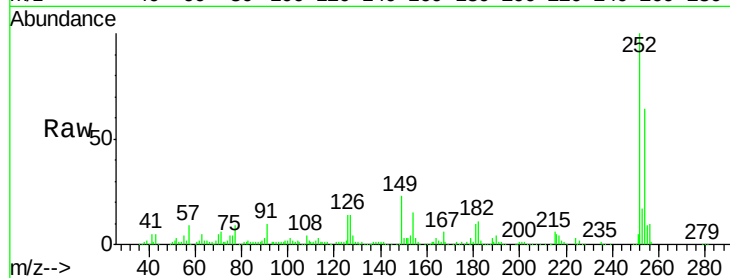




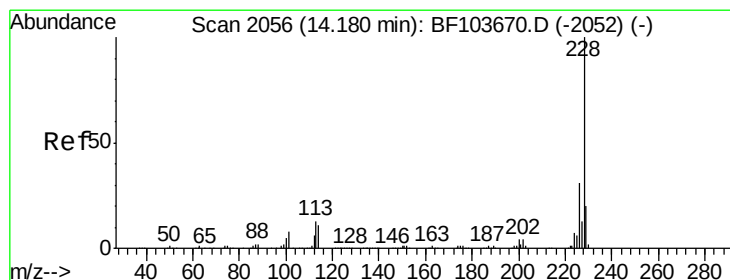
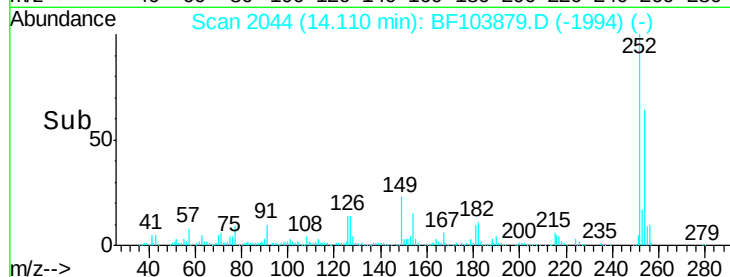
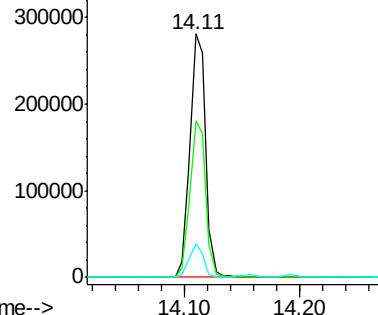
#81
 3,3'-Dichlorobenzidine
 Concen: 44.789 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 264323
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.4 75.6
 126 14.0 11.3 16.9

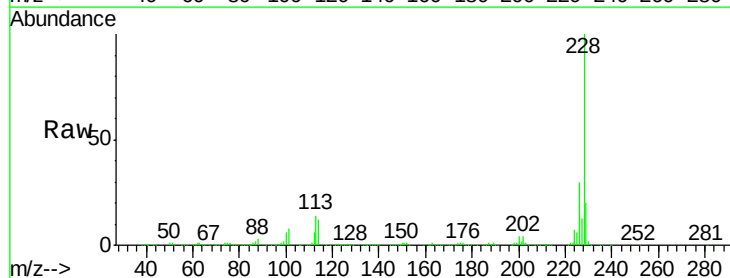


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

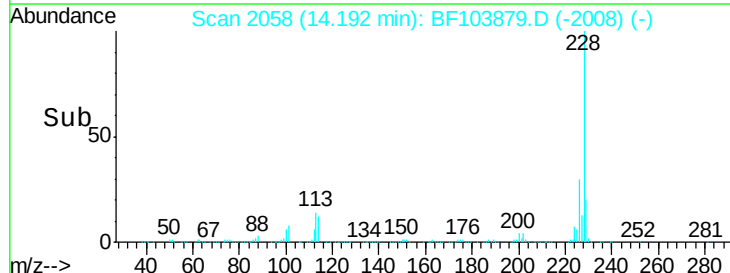
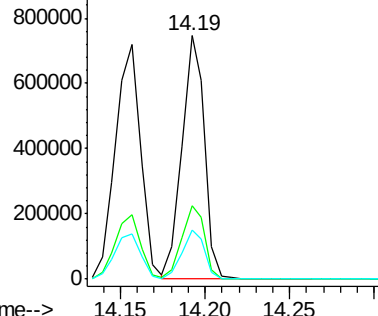


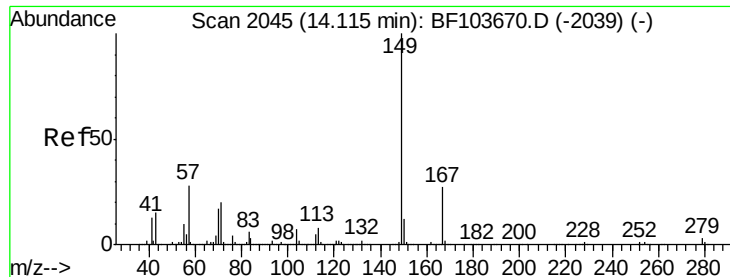
#82
 Chrysene
 Concen: 41.575 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:228 Resp: 699238
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

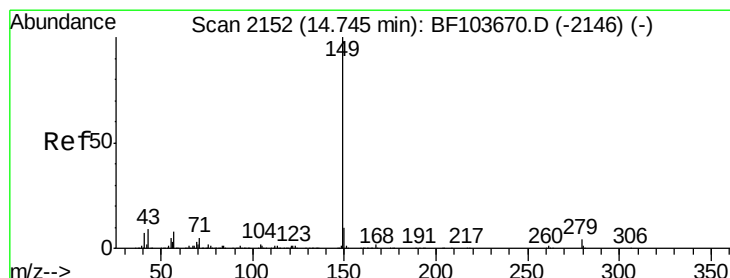
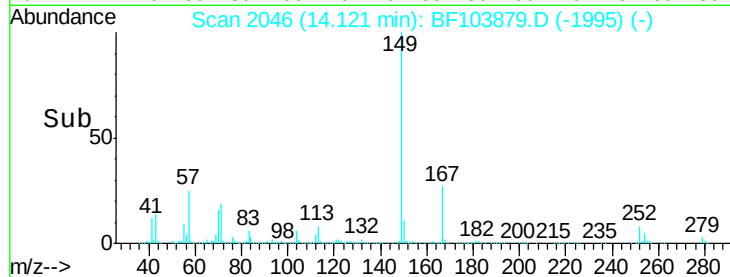
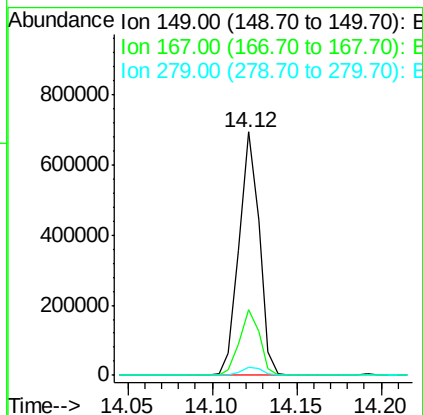
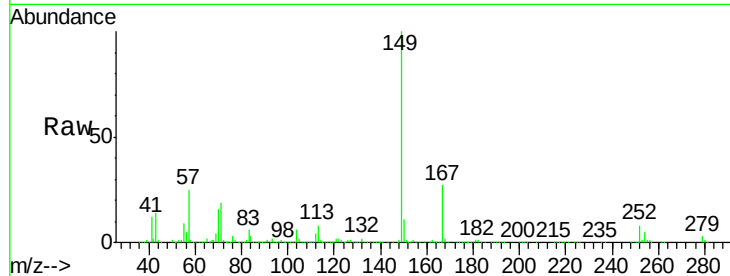




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.805 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

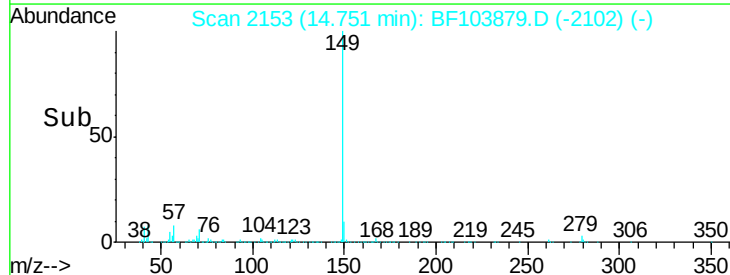
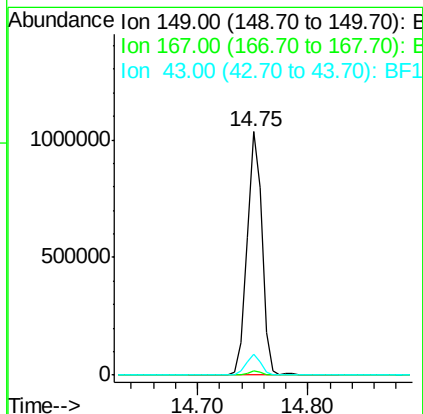
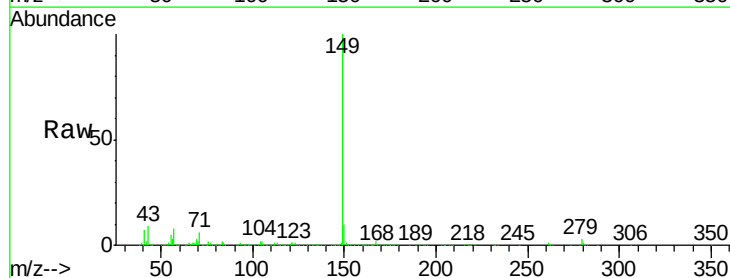
Instrument :
 BNA_F
 ClientSampleId :

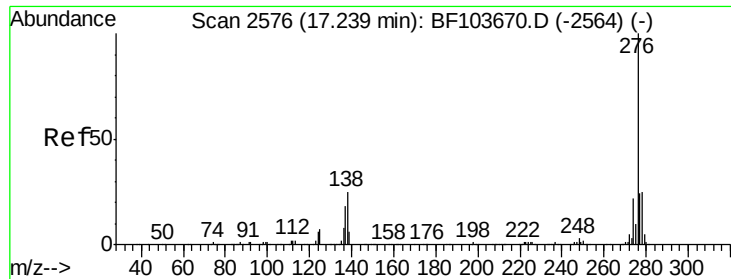
Tot Ion:149 Resp: 580489
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 52.143 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:149 Resp: 982812
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.3 8.4 12.6#

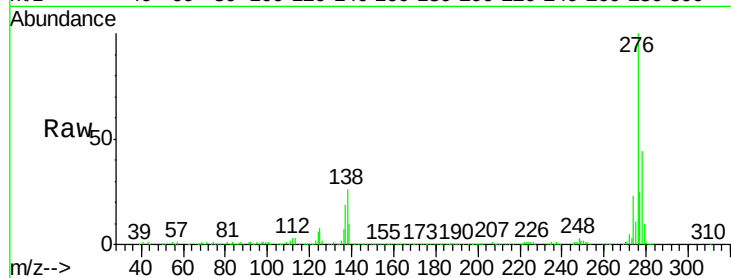




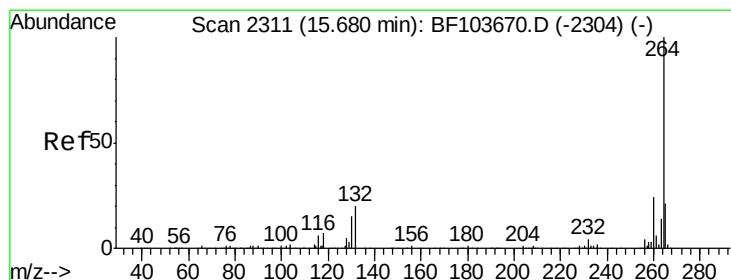
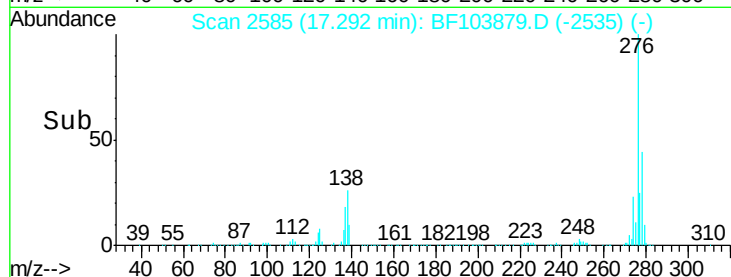
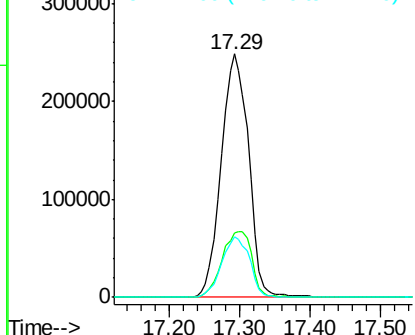
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.634 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	25.5	20.1	30.1

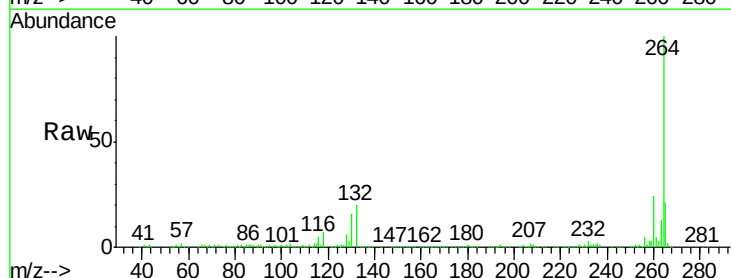


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

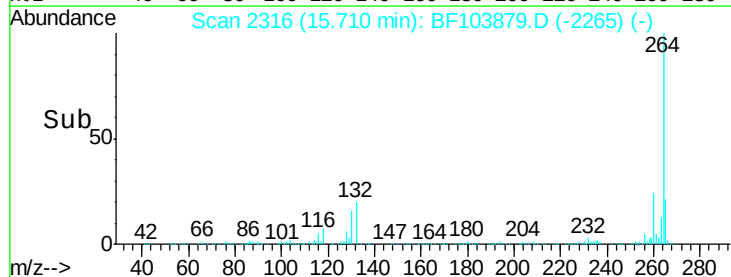
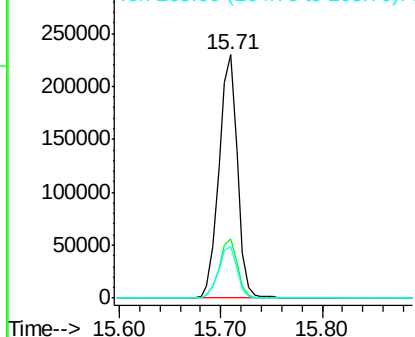


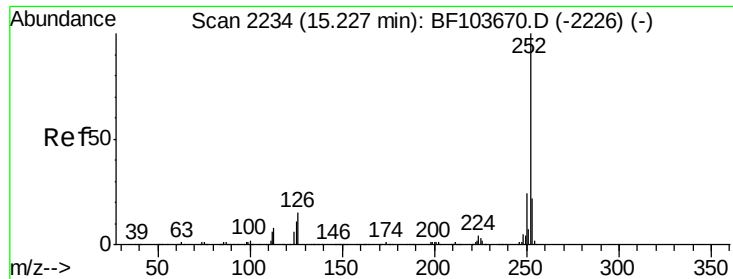
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

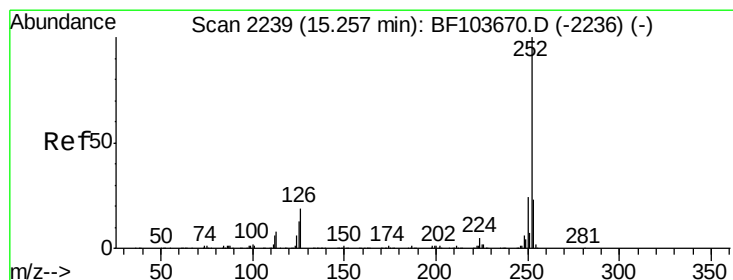
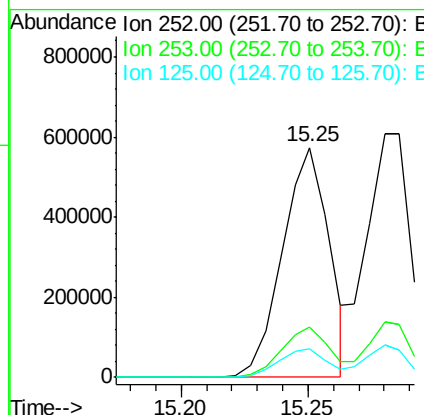
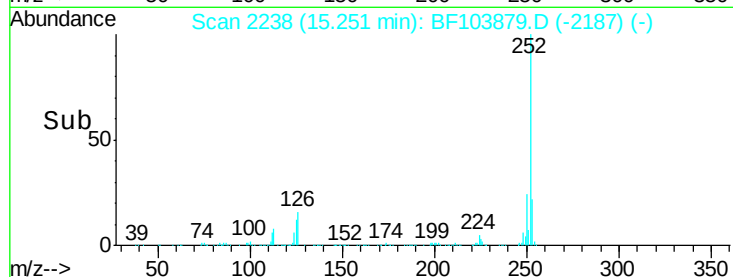
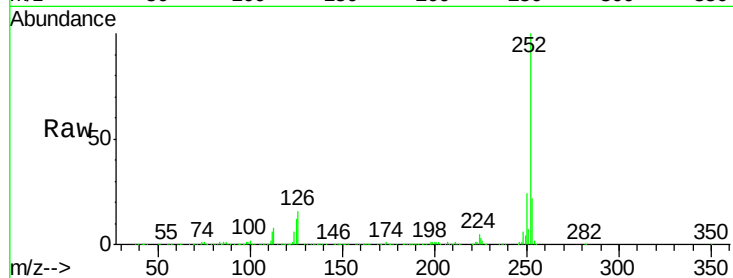




#87
Benzo(b)fluoranthene
Concen: 39.944 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

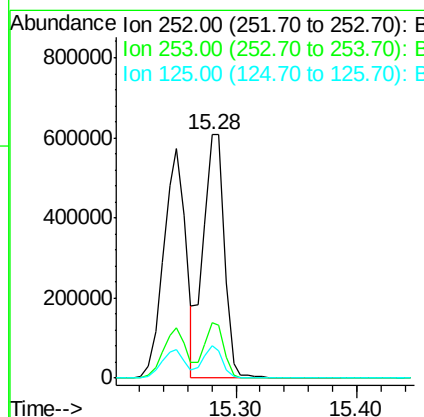
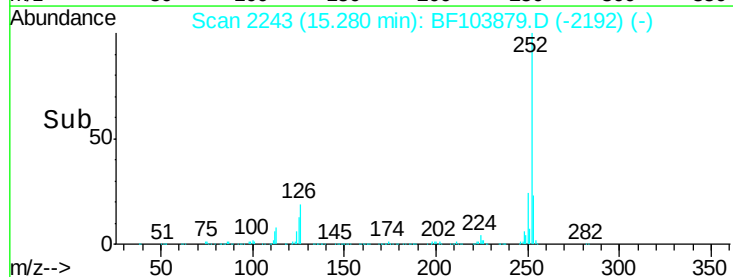
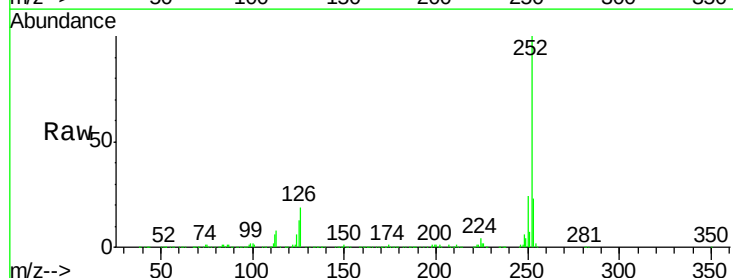
Instrument :
BNA_F
ClientSampleId :

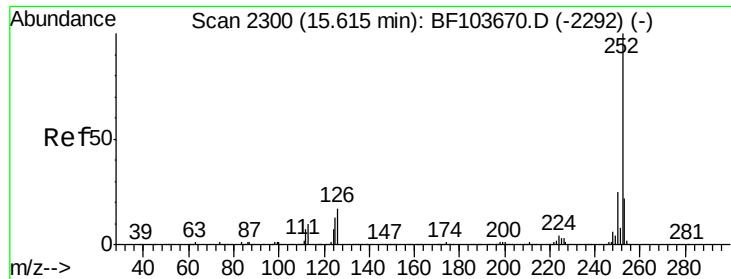
Tot Ion:252 Resp: 733924
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.709 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:252 Resp: 736666
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 13.2 10.2 15.2

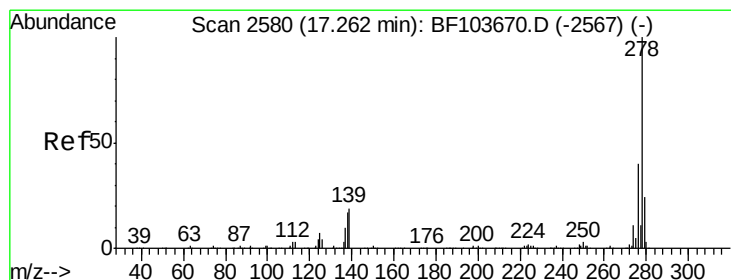
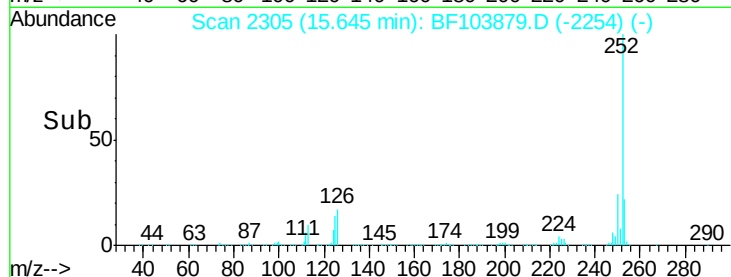
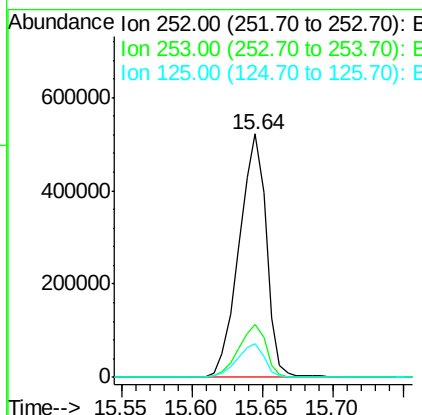
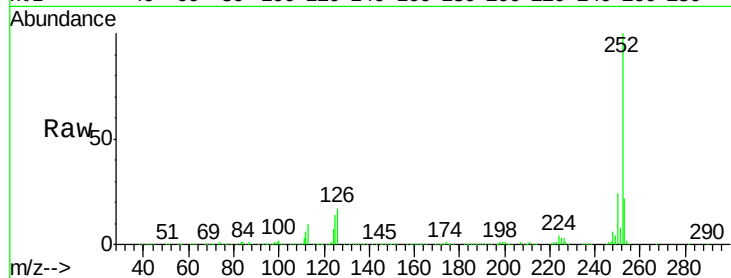




#89
Benzo(a)pyrene
Concen: 42.271 ng
RT: 15.64 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

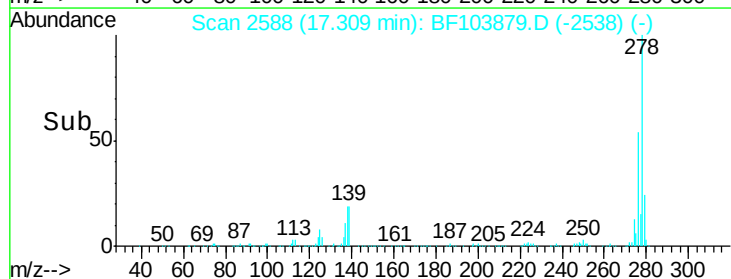
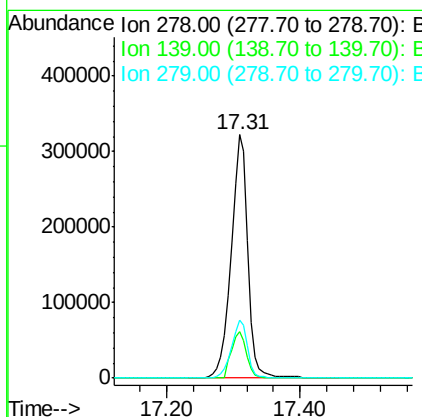
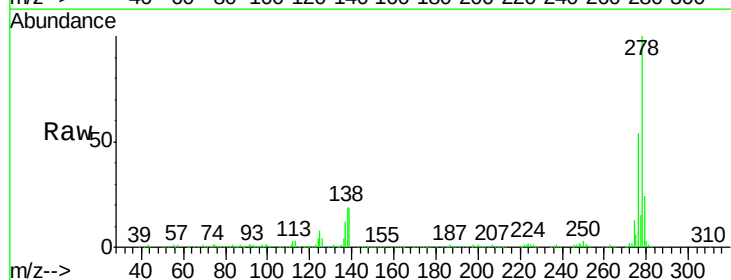
Instrument :
BNA_F
ClientSampleId :

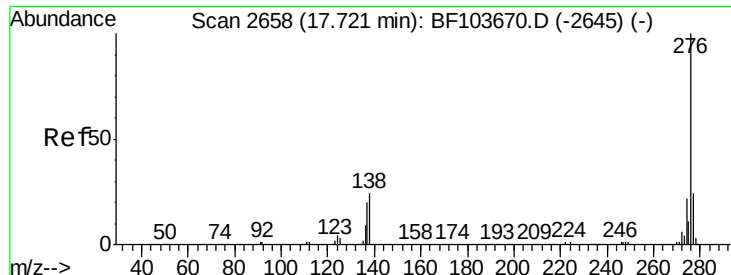
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.0	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.506 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.9	23.9
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 36.992 ng

RT: 17.78 min Scan# 2668

Delta R.T. 0.00 min

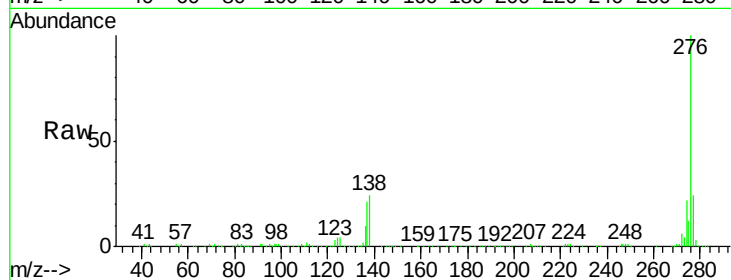
Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :



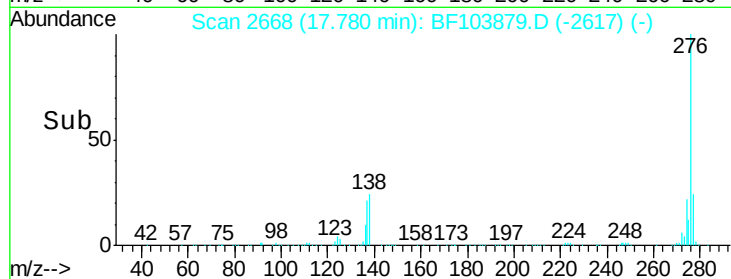
Tot Ion: 276 Resp: 519310

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 24.4 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

