

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103719.D
 Acq On : 17 Mar 2018 1:33
 Operator : JU/SJ
 Sample : J1945-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 17 03:23:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147605	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	556722	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	212816	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	315812	20.00	ng	0.00
75) Chrysene-d12	14.16	240	290689	20.00	ng	0.00
86) Perylene-d12	15.70	264	248034	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1139921	117.46	ng	0.02
7) Phenol-d6	6.60	99	1369961	115.39	ng	0.01
23) Nitrobenzene-d5	7.54	82	813121	101.85	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	224410	122.64	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1202876	90.16	ng	0.00
78) Terphenyl-d14	13.09	244	945778	75.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	176525	36.941	ng	92
3) Pyridine	3.65	79	482112	36.681	ng	89
4) n-Nitrosodimethylamine	3.60	42	211587	43.661	ng	85
6) Aniline	6.63	93	327064	19.292	ng	97
8) 2-Chlorophenol	6.76	128	420555	41.369	ng	98
9) Benzaldehyde	6.52	77	171659	22.008	ng	99
10) Phenol	6.61	94	589672	46.740	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	424212	40.731	ng	97
12) 1,3-Dichlorobenzene	6.92	146	437398	37.777	ng	99
13) 1,4-Dichlorobenzene	6.99	146	438214	37.664	ng	100
14) 1,2-Dichlorobenzene	7.15	146	401702	37.207	ng	99
15) Benzyl Alcohol	7.11	79	363536	39.519	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	569440	38.441	ng	96
17) 2-Methylphenol	7.22	107	349141	38.566	ng	98
18) Hexachloroethane	7.49	117	125167	30.584	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	280846	36.910	ng	96
20) 3+4-Methylphenols	7.36	107	431855	37.588	ng	98
22) Acetophenone	7.38	105	561863	39.269	ng	# 94
24) Nitrobenzene	7.56	77	433074	46.207	ng	97
25) Isophorone	7.79	82	784344	42.441	ng	98
26) 2-Nitrophenol	7.87	139	177774	49.489	ng	96
27) 2,4-Dimethylphenol	7.90	122	371900	46.974	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	510141	45.586	ng	99
29) 2,4-Dichlorophenol	8.10	162	312733	43.417	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	324035	38.787	ng	99
31) Naphthalene	8.28	128	1112190	39.548	ng	100
32) Benzoic acid	7.90	122	371900	62.740	ng	# 14
33) 4-Chloroaniline	8.32	127	161322	13.673	ng	97
34) Hexachlorobutadiene	8.39	225	173644	37.910	ng	99
35) Caprolactam	8.63	113	5481	2.210	ng	91
36) 4-Chloro-3-methylphenol	8.79	107	318644	40.128	ng	99
37) 2-Methylnaphthalene	8.97	142	692456	38.827	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	271505	44.719	ng	99
40) Hexachlorocyclopentadiene	9.12	237	57818	18.455	ng	98

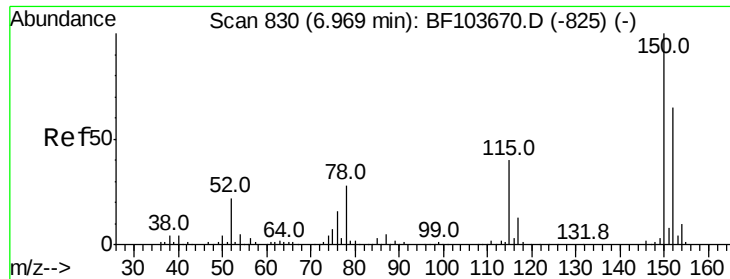
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
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 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	189010	48.671	ng	100
43) 2,4,5-Trichlorophenol	9.28	196	191674	43.730	ng	97
45) 1,1'-Biphenyl	9.43	154	768249	43.292	ng	98
46) 2-Chloronaphthalene	9.46	162	591330	41.954	ng	100
47) 2-Nitroaniline	9.55	65	189022	50.801	ng	97
48) Acenaphthylene	9.87	152	852448	39.002	ng	99
49) Dimethylphthalate	9.73	163	831331	51.201	ng	99
50) 2,6-Dinitrotoluene	9.79	165	137446	44.112	ng	98
51) Acenaphthene	10.05	154	499530	38.491	ng	99
52) 3-Nitroaniline	9.96	138	133624	36.491	ng	95
53) 2,4-Dinitrophenol	10.06	184	5777	18.016	ng	# 36
54) Dibenzofuran	10.22	168	745534	40.223	ng	100
55) 4-Nitrophenol	10.11	139	225699	76.178	ng	99
56) 2,4-Dinitrotoluene	10.19	165	160196	41.260	ng	# 94
57) Fluorene	10.56	166	546904	38.025	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	136731	44.024	ng	98
59) Diethylphthalate	10.43	149	653271	40.537	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	260745	39.668	ng	98
61) 4-Nitroaniline	10.57	138	134639	38.009	ng	98
62) Azobenzene	10.71	77	599922	36.616	ng	98
64) 4,6-Dinitro-2-methylphenol	10.60	198	10207	17.182	ng	80
65) n-Nitrosodiphenylamine	10.67	169	494684	46.018	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	142882	44.065	ng	91
67) Hexachlorobenzene	11.11	284	148385	40.095	ng	98
68) Atrazine	11.19	200	137012	41.203	ng	100
69) Pentachlorophenol	11.30	266	162951	76.586	ng	97
70) Phenanthrene	11.53	178	792751	45.888	ng	99
71) Anthracene	11.58	178	739839	42.165	ng	99
72) Carbazole	11.73	167	691701	40.559	ng	100
73) Di-n-butylphthalate	12.06	149	877200	42.868	ng	99
74) Fluoranthene	12.72	202	833886	46.853	ng	99
76) Benzidine	12.85	184	491138	39.614	ng	98
77) Pyrene	12.96	202	849876	39.811	ng	99
79) Butylbenzylphthalate	13.56	149	367814	38.888	ng	98
80) Benzo(a)anthracene	14.14	228	782763	42.540	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	251337	40.835	ng	98
82) Chrysene	14.19	228	725281	41.349	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	535605	39.639	ng	99
84) Di-n-octyl phthalate	14.75	149	952631	48.461	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	551327	35.992	ng	98
87) Benzo(b)fluoranthene	15.24	252	731363	46.672	ng	98
88) Benzo(k)fluoranthene	15.27	252	605862	40.221	ng	99
89) Benzo(a)pyrene	15.63	252	607446	42.739	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	458636	37.266	ng	98
91) Benzo(g,h,i)perylene	17.75	276	446412	37.285	ng	97

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

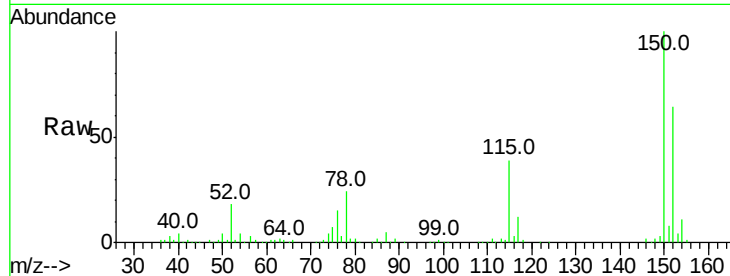


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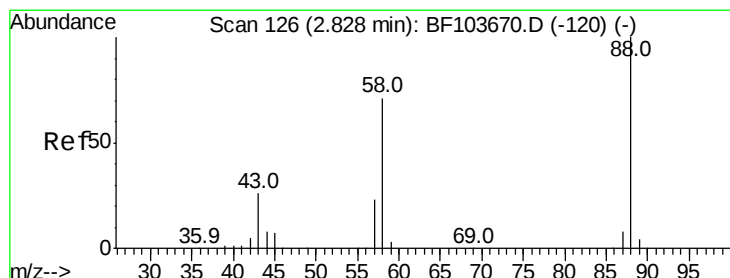
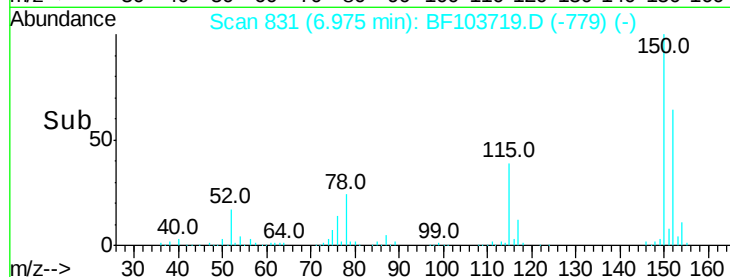
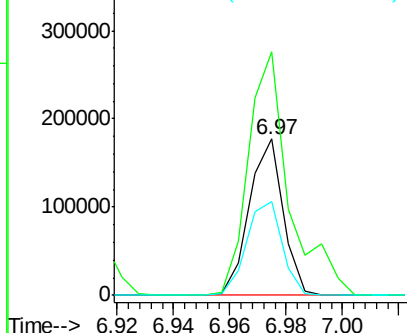
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147605
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 60.3 50.1 75.1



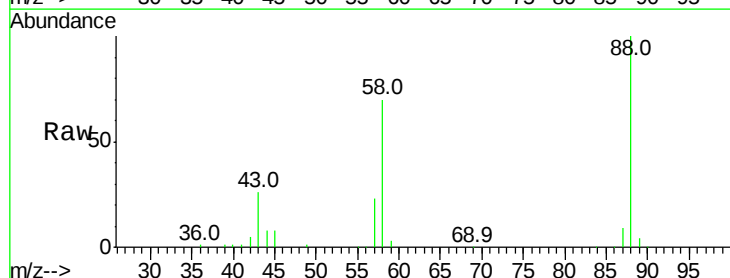
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



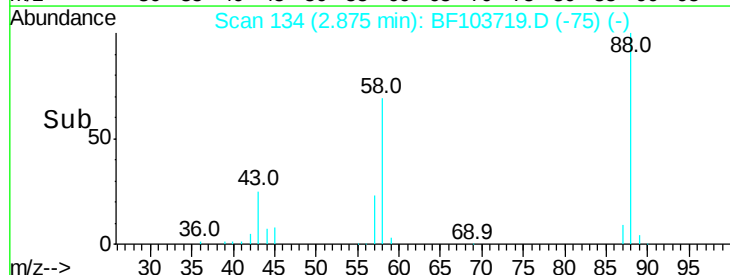
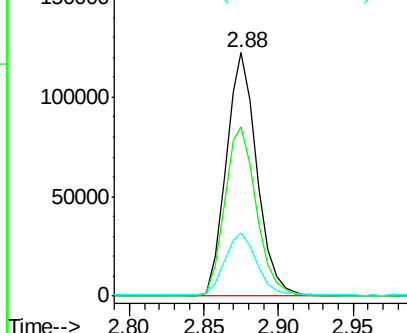
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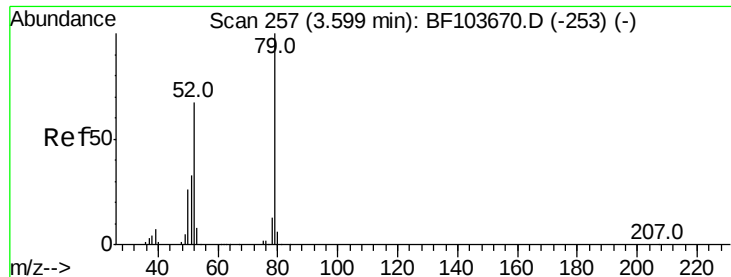
1,4-Dioxane
Concen: 36.941 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.05 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion: 88 Resp: 176525
Ion Ratio Lower Upper
88 100
58 71.5 62.6 93.8
43 26.1 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: 36.681 ng

RT: 3.65 min Scan# 265

Delta R.T. 0.05 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

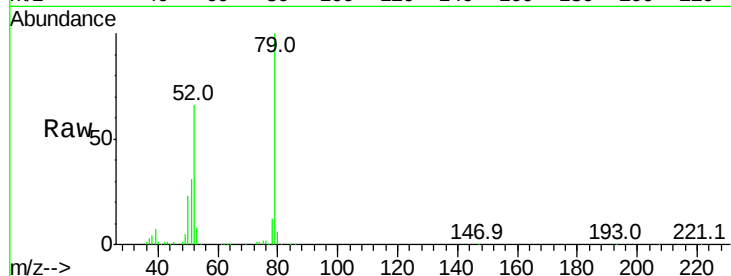
Tot Ion: 79 Resp: 482112

Ion Ratio Lower Upper

79 100

52 65.8 59.8 89.6

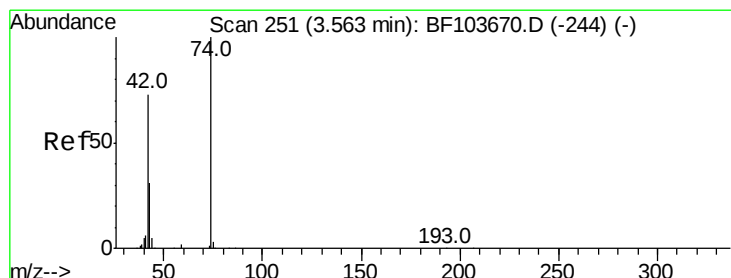
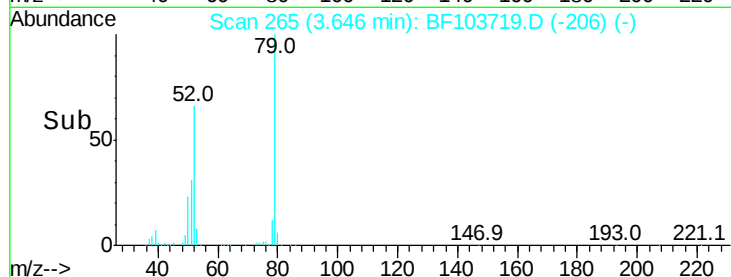
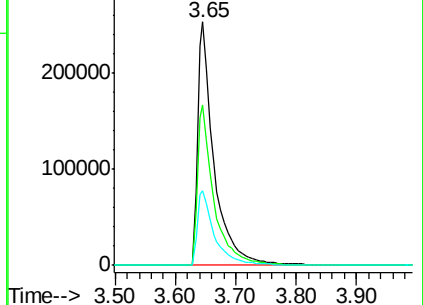
51 30.9 29.8 44.8



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: 43.661 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.04 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

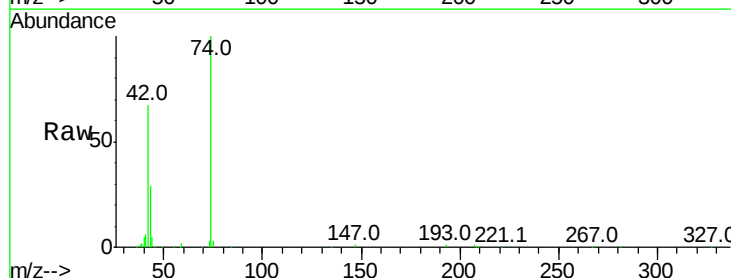
Tgt Ion: 42 Resp: 211587

Ion Ratio Lower Upper

42 100

74 149.3 104.9 157.3

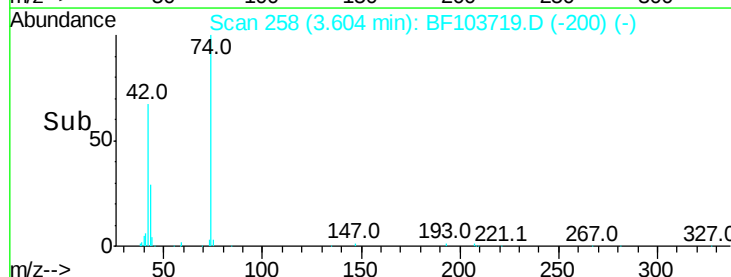
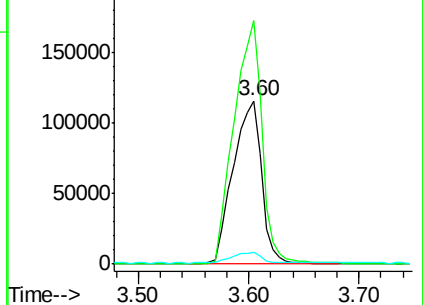
44 7.2 6.9 10.3

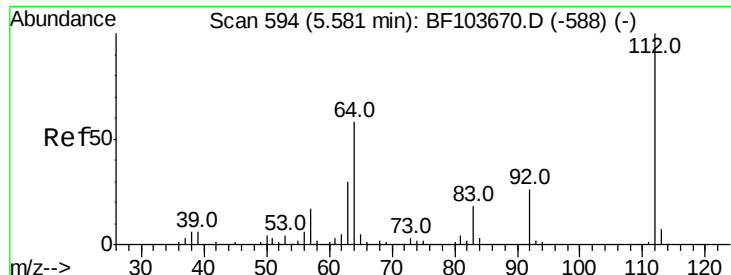


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

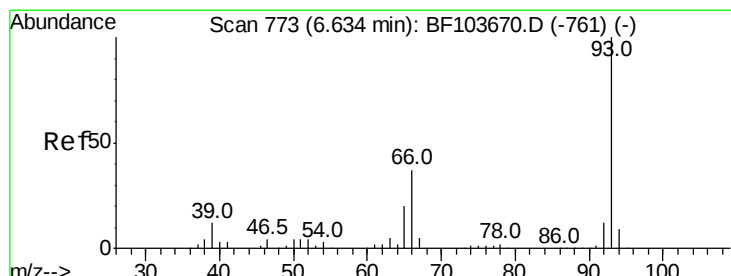
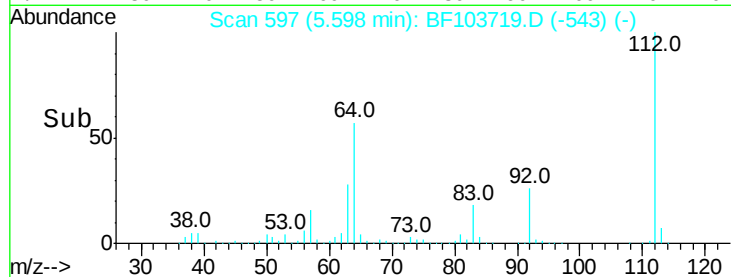
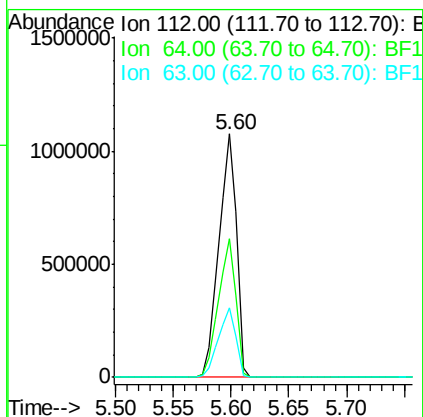
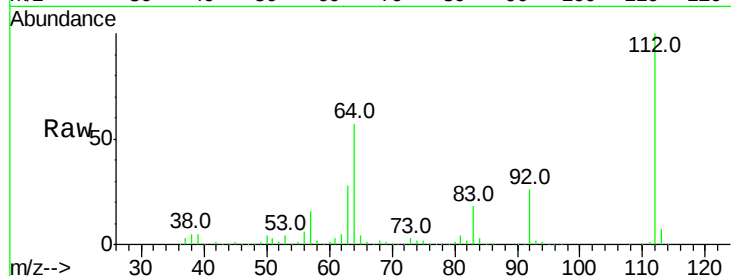




#5
 2-Fluorophenol
 Concen: 117.463 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.02 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

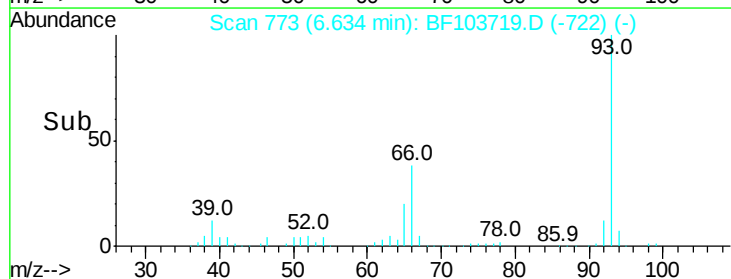
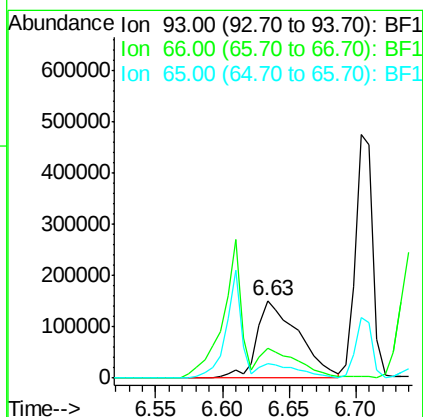
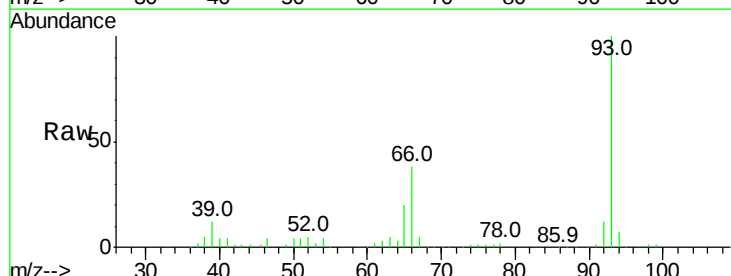
Instrument :
 BNA_F
 ClientSampled :

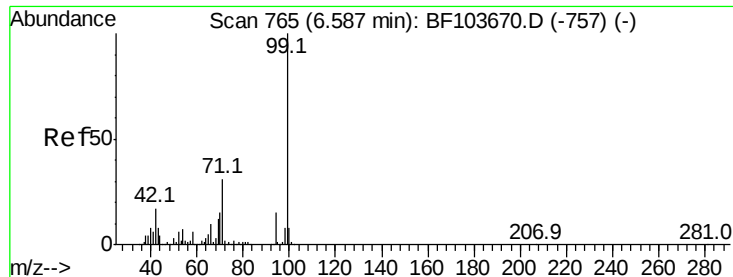
Tot Ion:112 Resp: 1139921
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 28.3 23.7 35.5



#6
 Aniline
 Concen: 19.292 ng
 RT: 6.63 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Tgt Ion: 93 Resp: 327064
 Ion Ratio Lower Upper
 93 100
 66 38.0 32.2 48.2
 65 19.6 16.4 24.6





#7

Phenol-d6

Concen: 115.387 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampled :

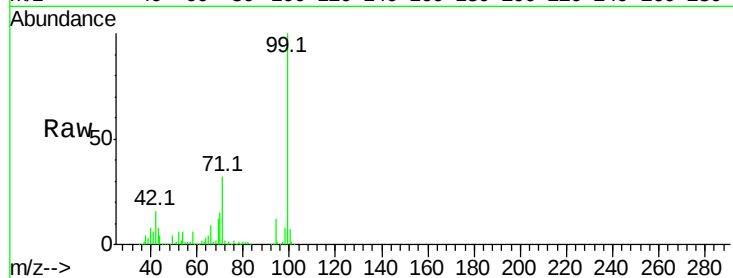
Tot Ion: 99 Resp: 1369961

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	31.6	25.4	38.0

99 100

42 16.1 14.5 21.7

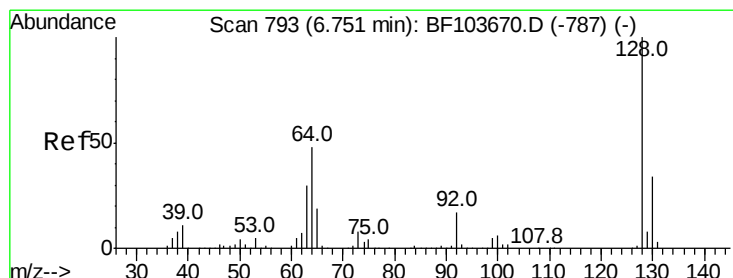
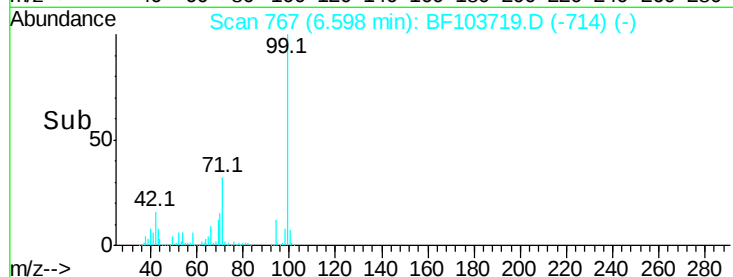
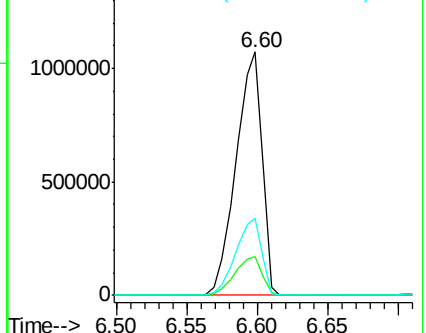
71 31.6 25.4 38.0



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: 41.369 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

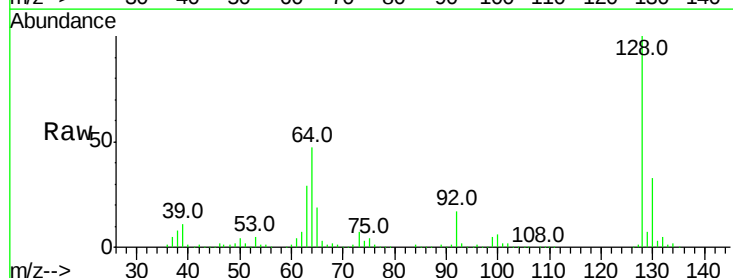
Tgt Ion: 128 Resp: 420555

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	47.5	29.4	69.4

128 100

130 33.1 13.0 53.0

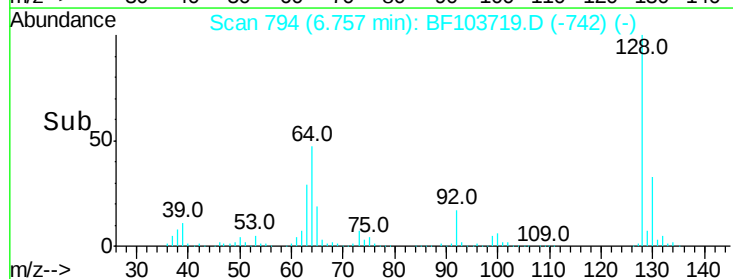
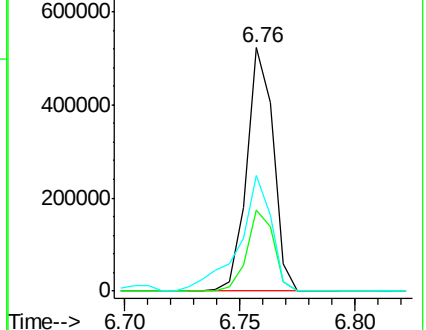
64 47.5 29.4 69.4

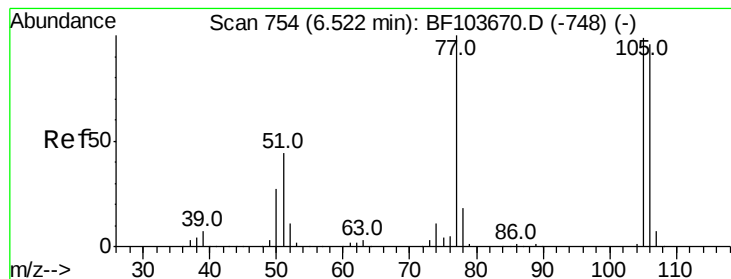


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.008 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

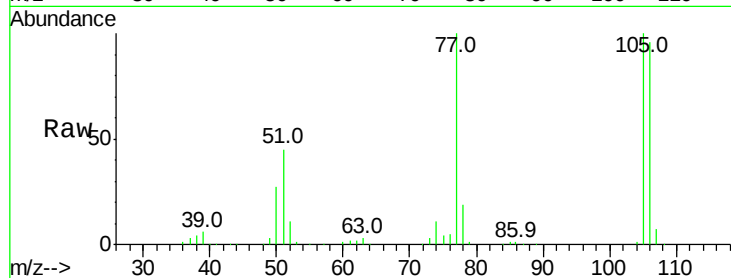
Tot Ion: 77 Resp: 171659

Ion Ratio Lower Upper

77 100

105 100.1 81.1 121.1

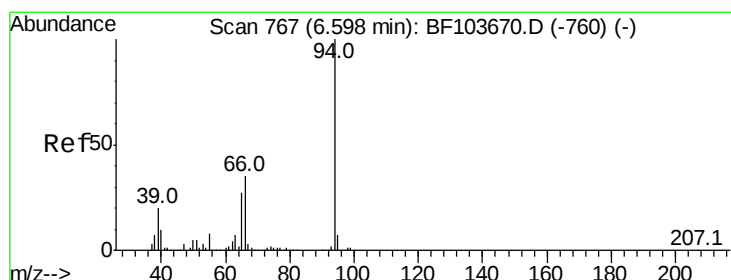
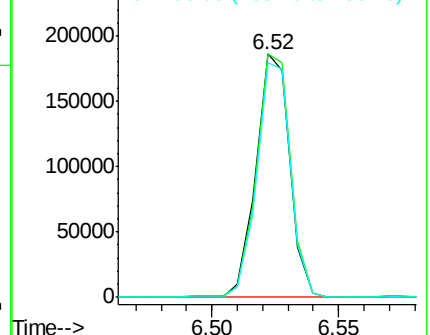
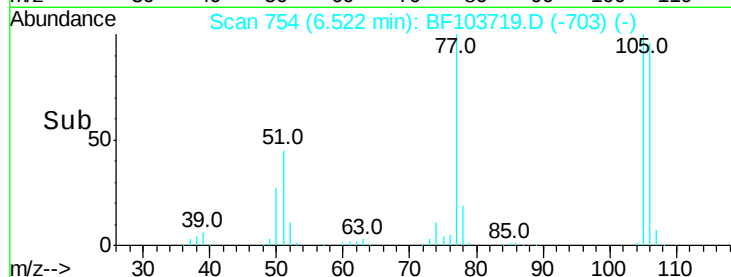
106 96.4 74.5 114.5



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: 46.740 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

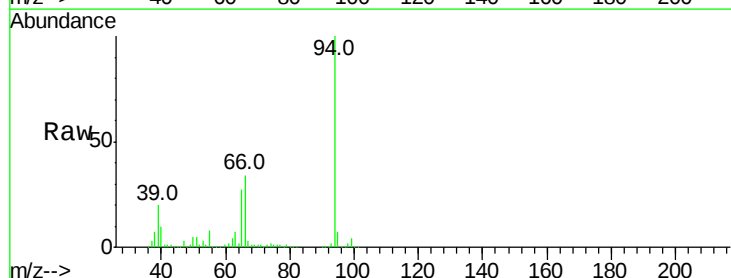
Tgt Ion: 94 Resp: 589672

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

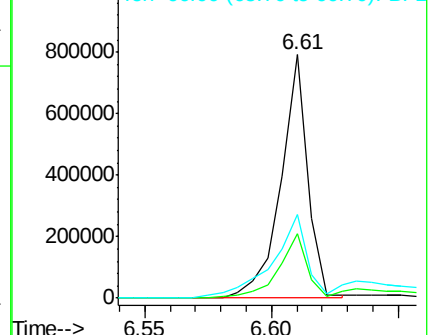
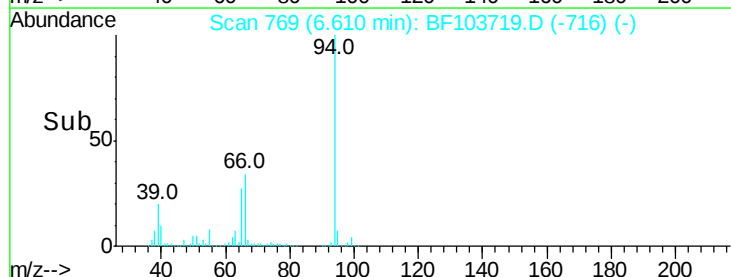
66 34.1 16.2 56.2

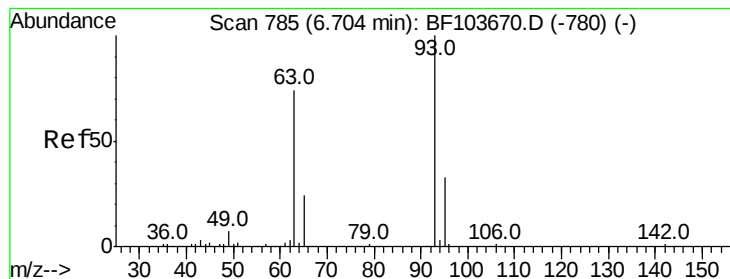


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.731 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

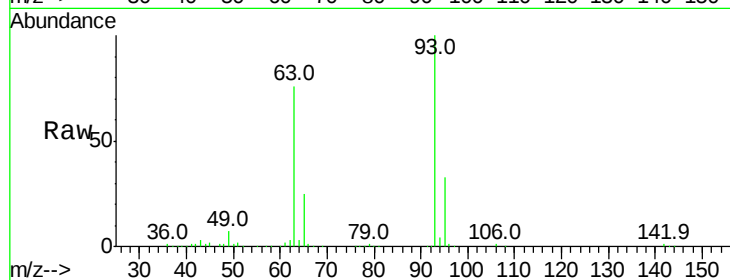
Tot Ion: 93 Resp: 424212

Ion Ratio Lower Upper

93 100

63 76.0 58.6 98.6

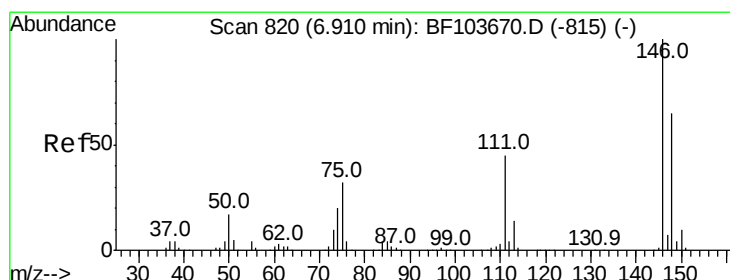
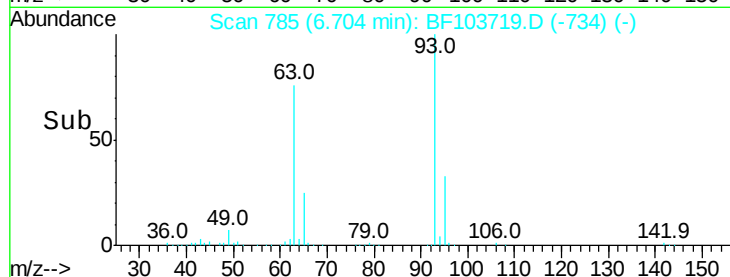
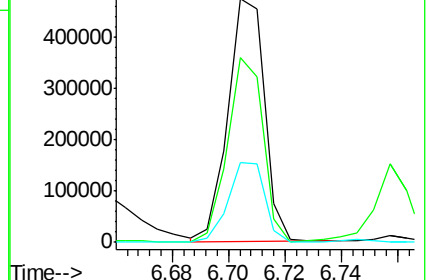
95 33.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.777 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

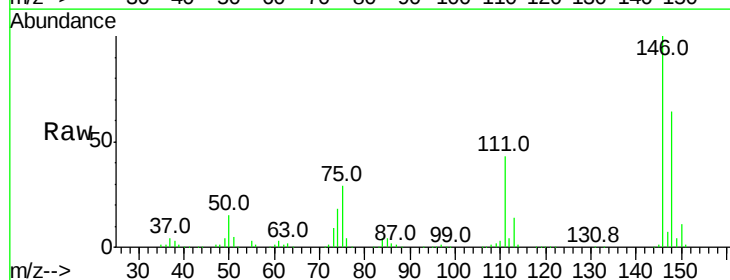
Tgt Ion: 146 Resp: 437398

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

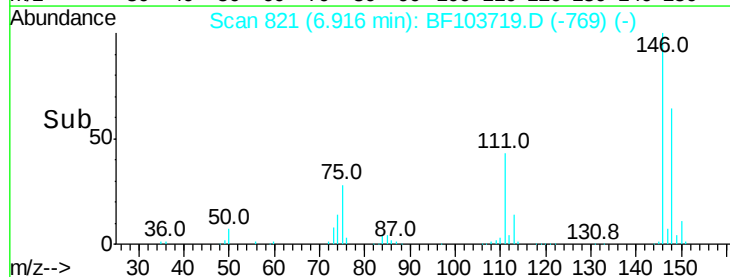
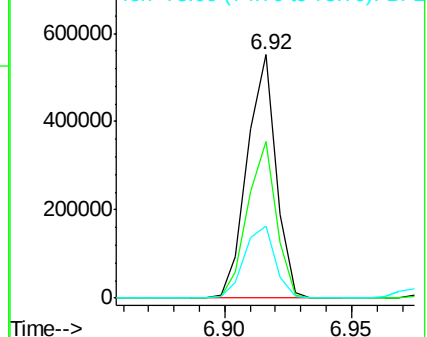
75 29.5 24.2 36.4

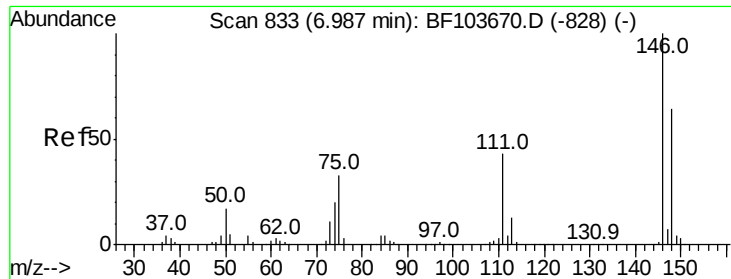


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

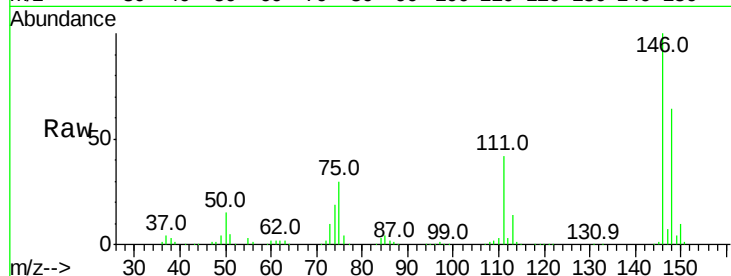




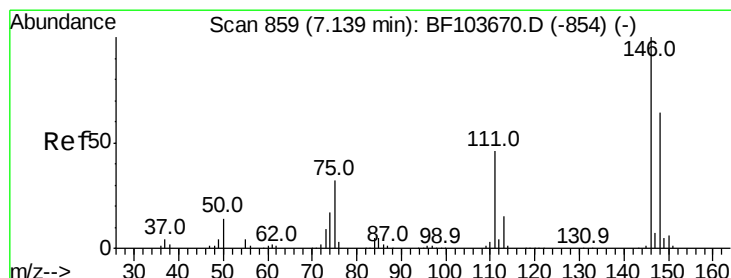
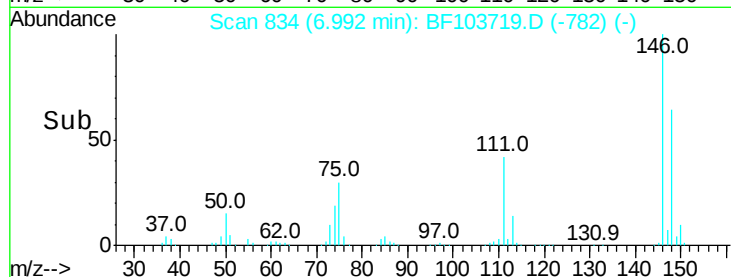
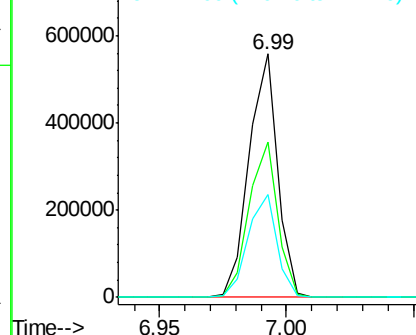
#13
 1,4-Dichlorobenzene
 Concen: 37.664 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 438214
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 42.1 34.2 51.2

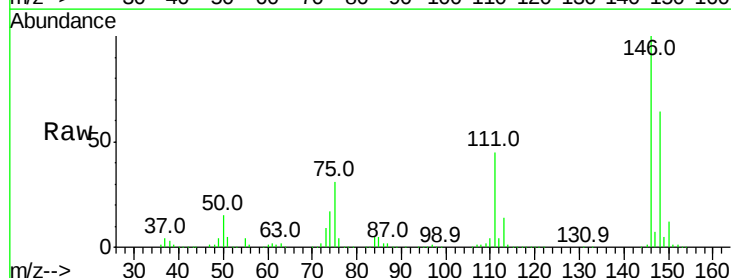


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

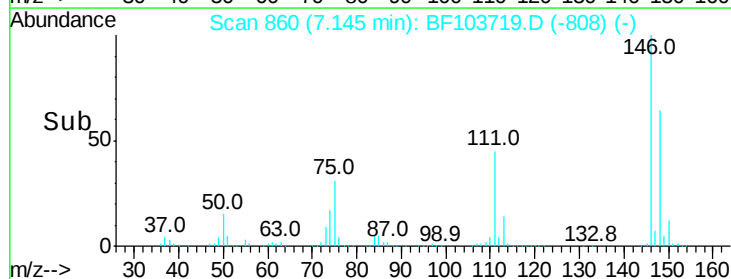
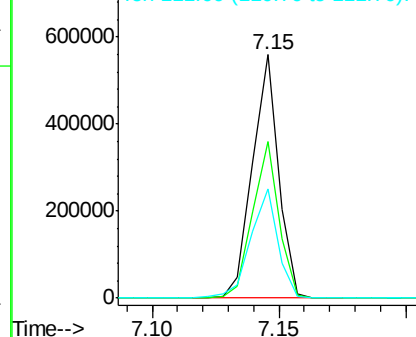


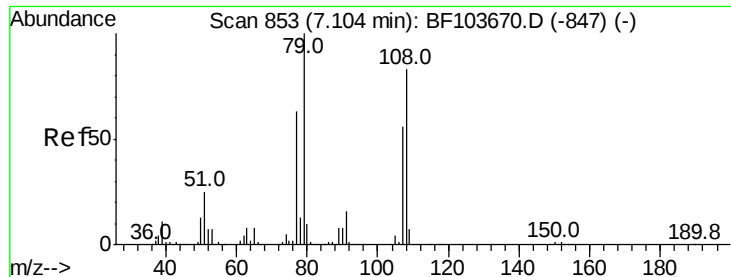
#14
 1,2-Dichlorobenzene
 Concen: 37.207 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Tgt Ion:146 Resp: 401702
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 45.0 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: 39.519 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

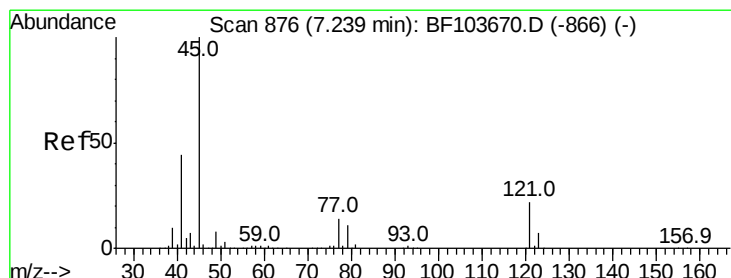
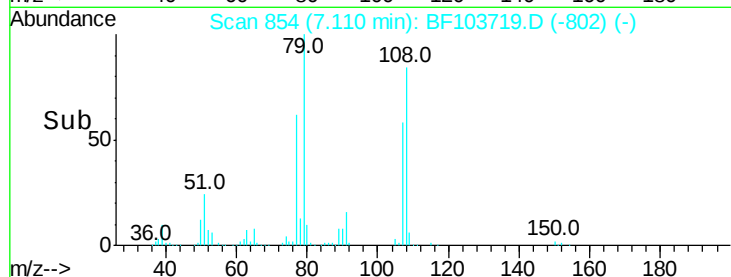
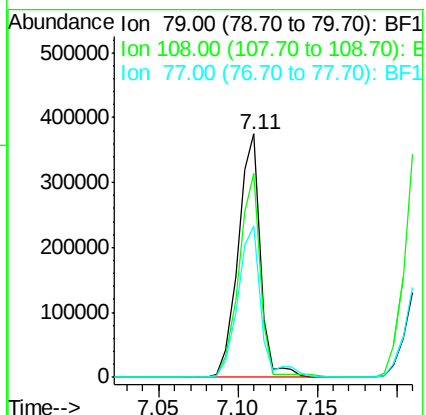
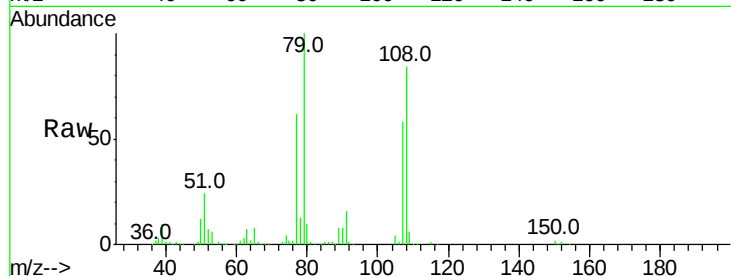
Tot Ion: 79 Resp: 363536

Ion Ratio Lower Upper

79 100

108 83.8 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.441 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

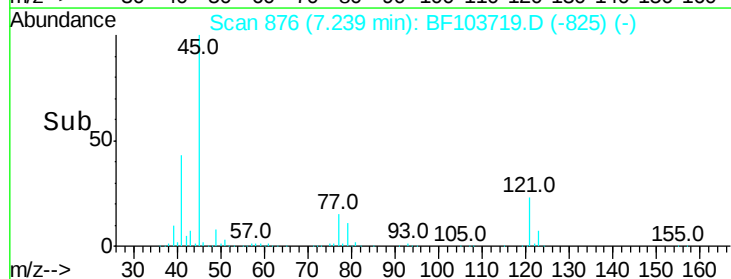
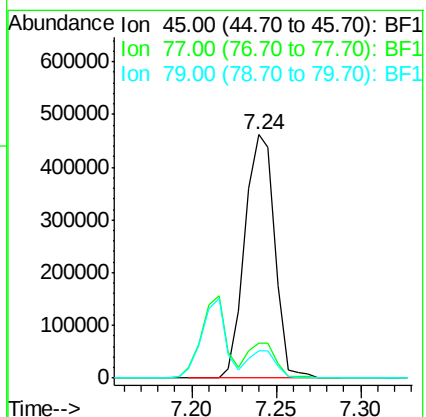
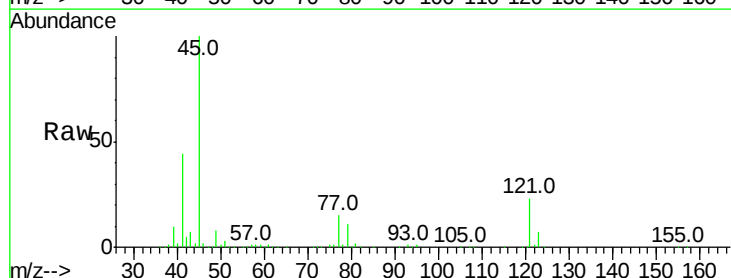
Tgt Ion: 45 Resp: 569440

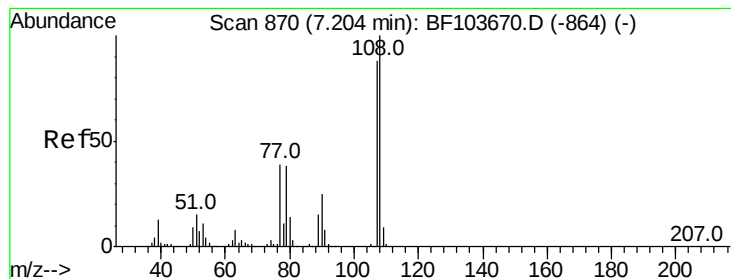
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.9

79 11.0 0.0 29.6

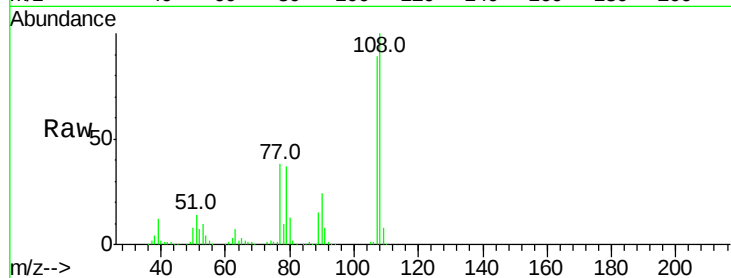




#17
2-Methylphenol
Concen: 38.566 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.7	137.5
77	43.0	33.8	50.8
79	41.3	33.8	50.8



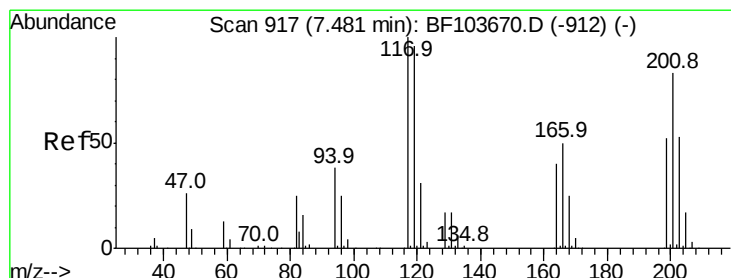
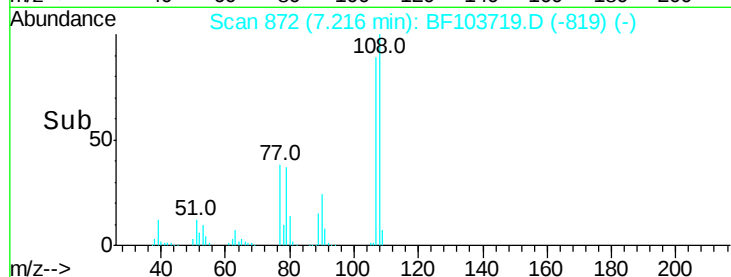
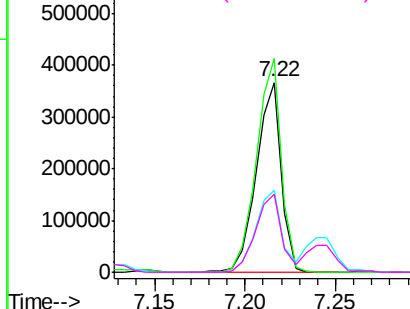
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

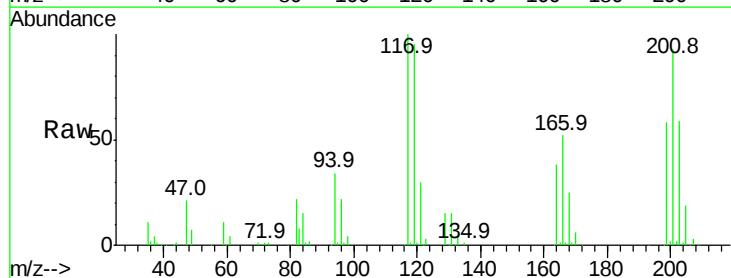
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 30.584 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.8	113.8
201	92.9	75.7	113.5

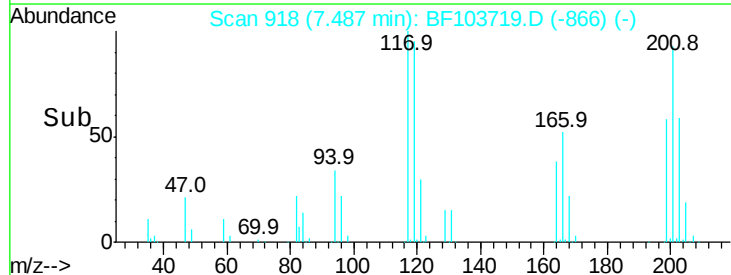
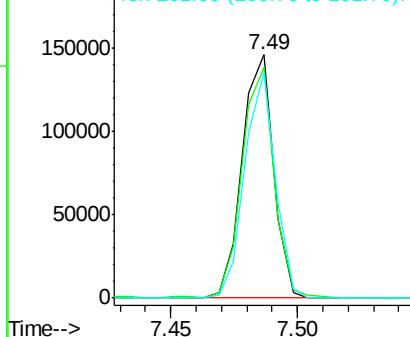


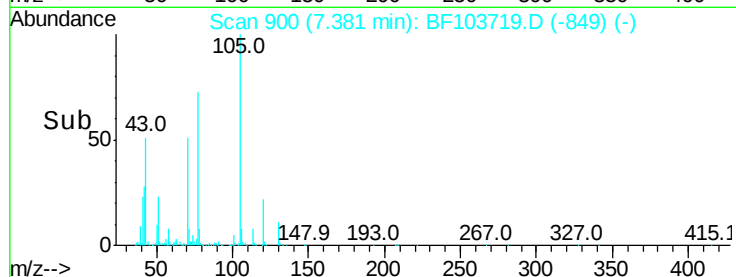
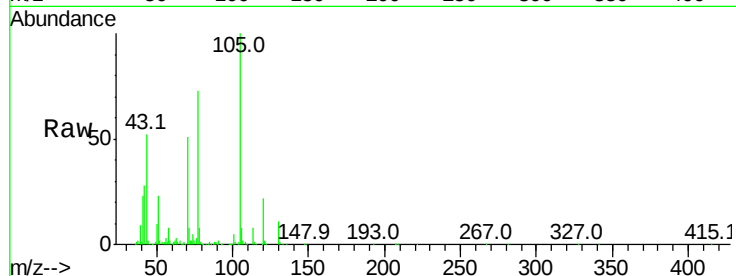
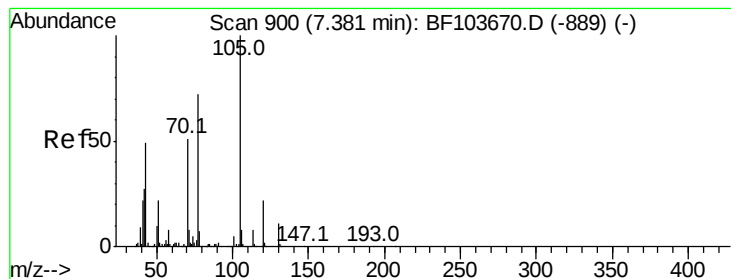
Abundance

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: 36.910 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 280846

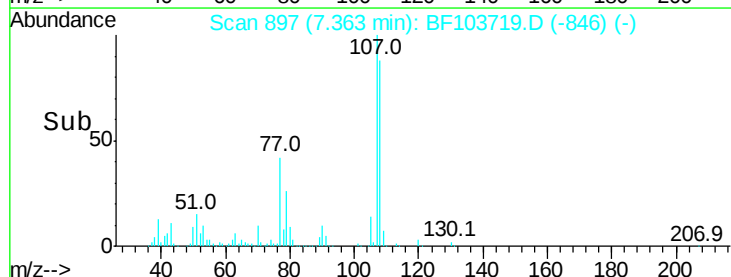
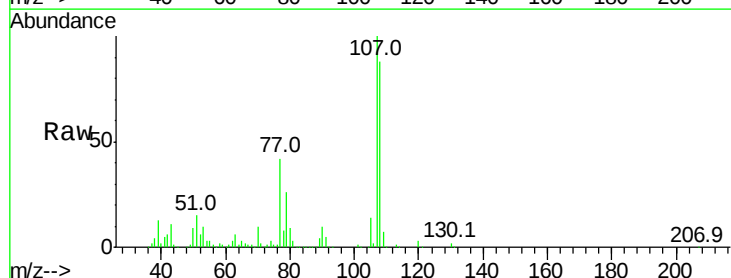
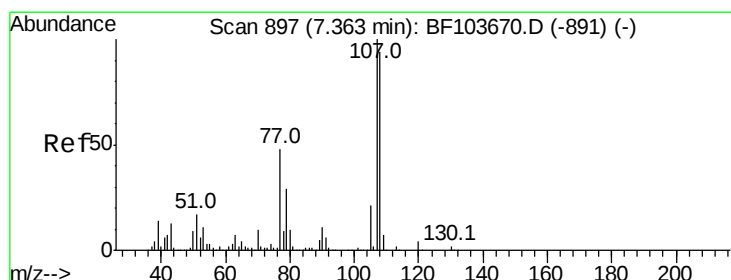
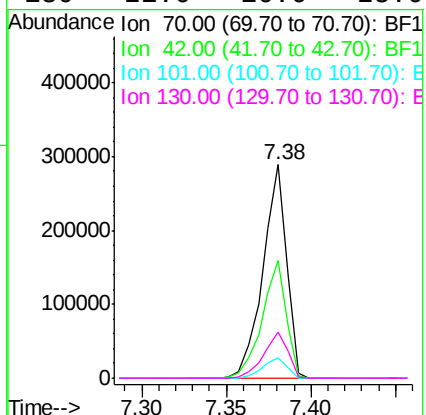
Ion Ratio Lower Upper

70 100

42 55.1 47.5 71.3

101 9.8 7.4 11.2

130 21.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.588 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Tgt Ion: 107 Resp: 431855

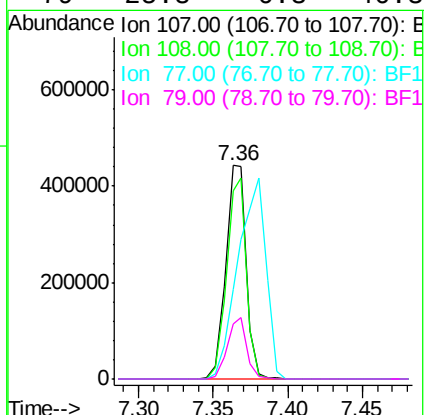
Ion Ratio Lower Upper

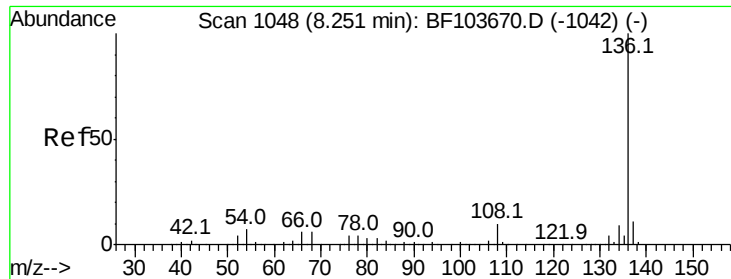
107 100

108 87.9 68.2 108.2

77 42.0 26.7 66.7

79 25.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 556722

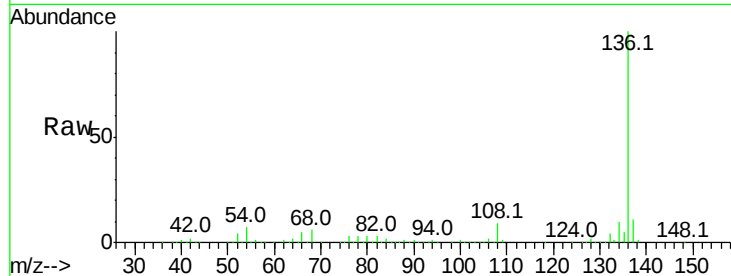
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.7 6.6 9.8

68 5.8 5.0 7.4

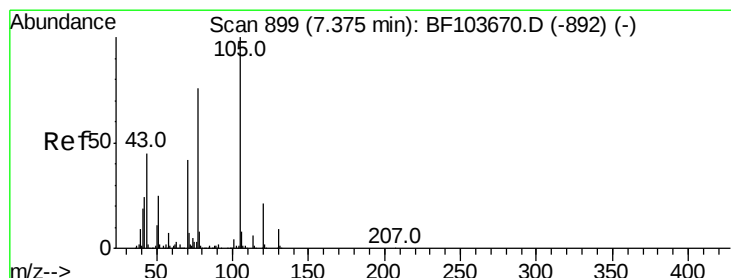
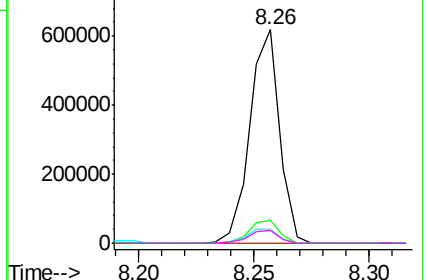
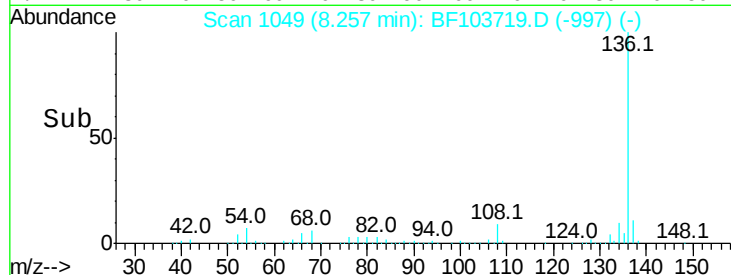


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.269 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Tgt Ion:105 Resp: 561863

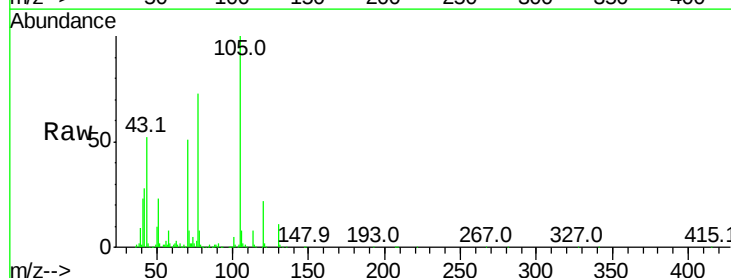
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 23.5 22.3 33.5

120 22.0 16.9 25.3

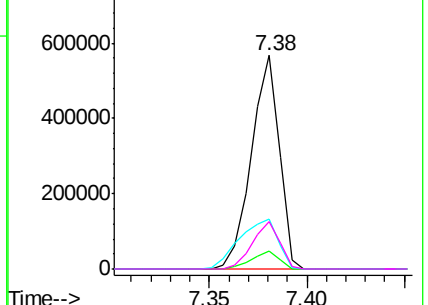
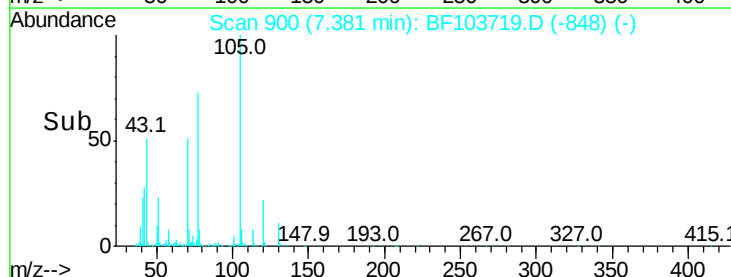


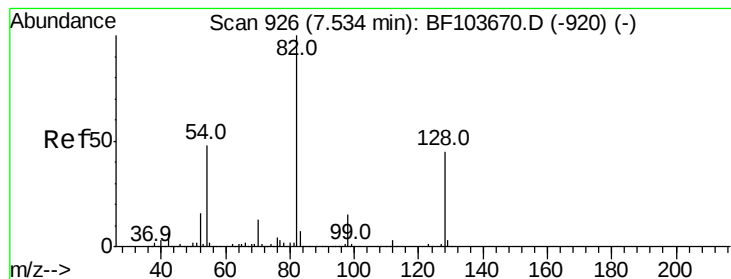
Abundance Ion 105.00 (104.70 to 105.70): E

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: 101.853 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

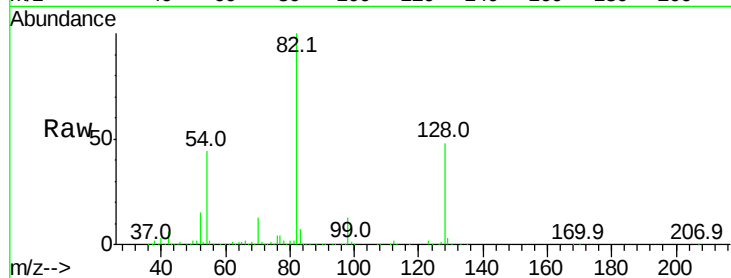
Tot Ion: 82 Resp: 813121

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

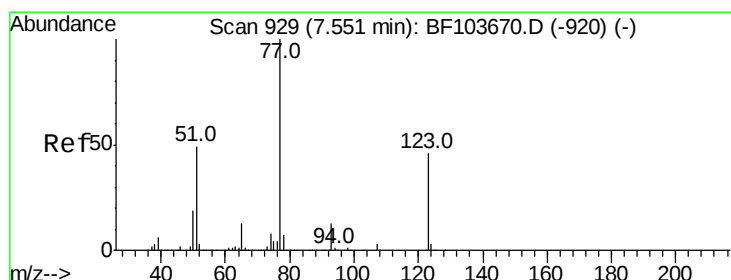
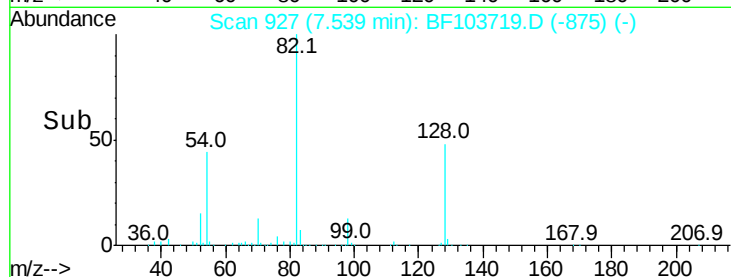
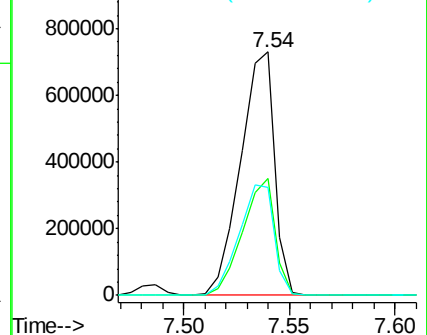
54 44.4 41.4 62.2



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: 46.207 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

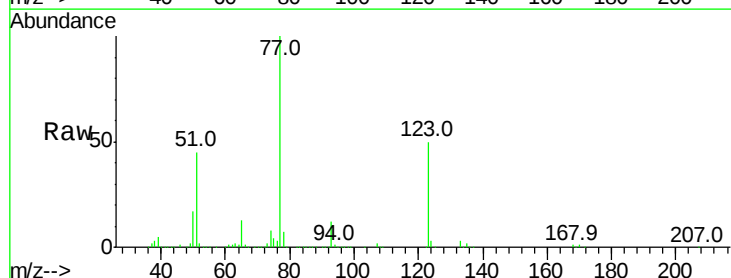
Tgt Ion: 77 Resp: 433074

Ion Ratio Lower Upper

77 100

123 49.9 37.9 56.9

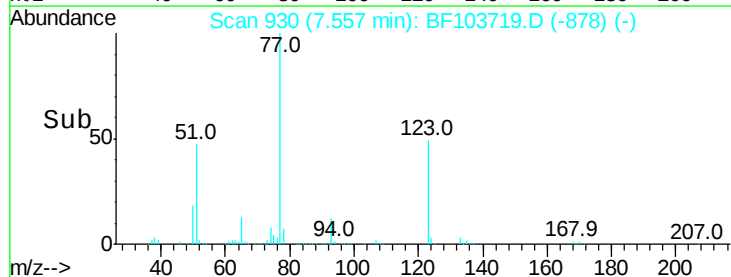
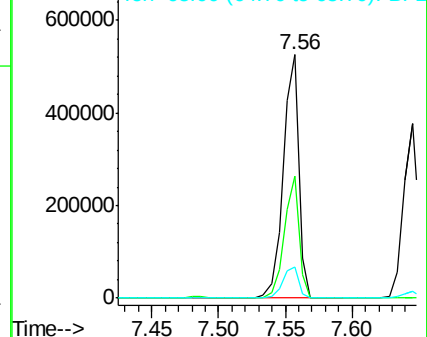
65 12.7 11.0 16.4

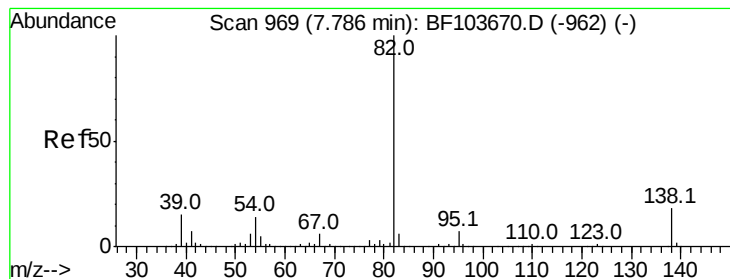


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.441 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampled :

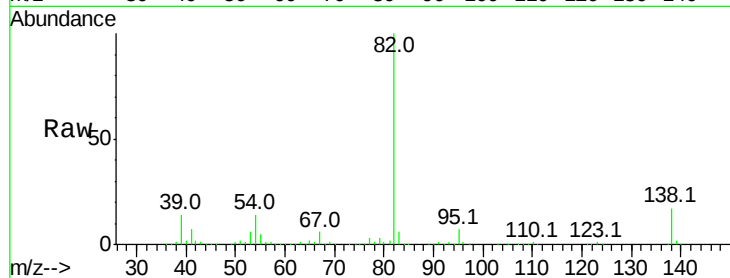
Tot Ion: 82 Resp: 784344

Ion Ratio Lower Upper

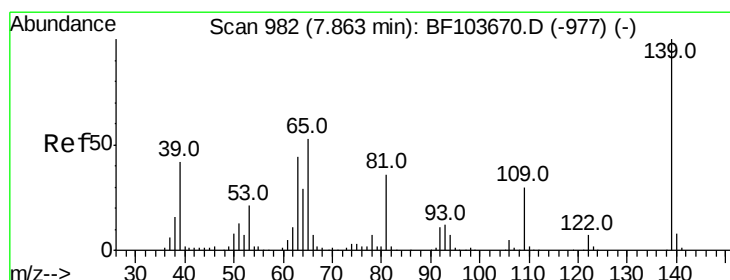
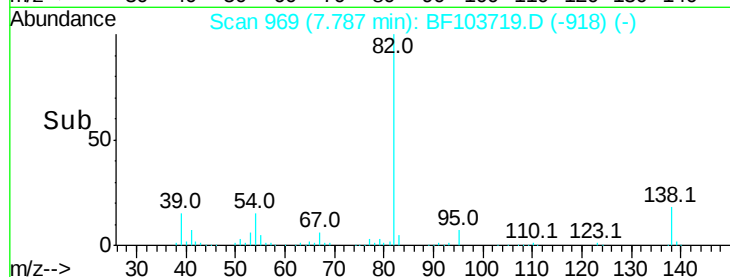
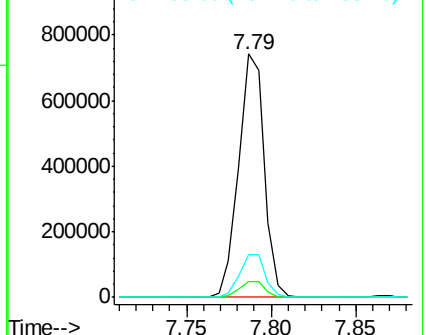
82 100

95 6.7 5.2 7.8

138 17.4 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: 49.489 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

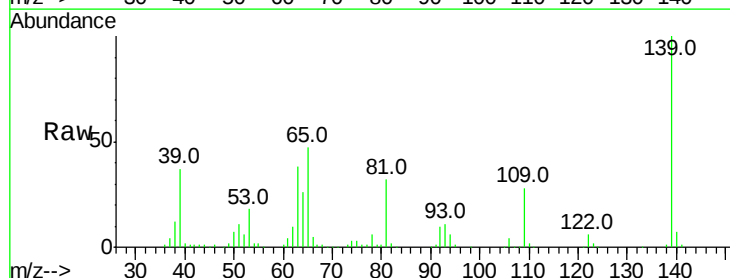
Tgt Ion: 139 Resp: 177774

Ion Ratio Lower Upper

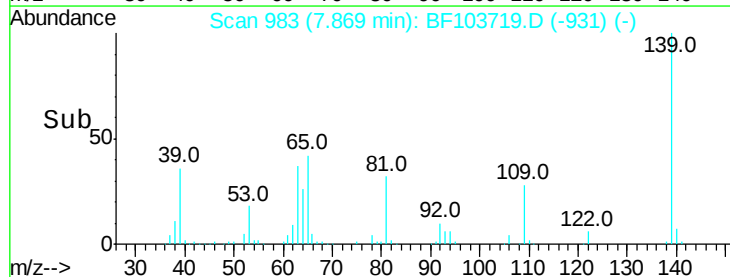
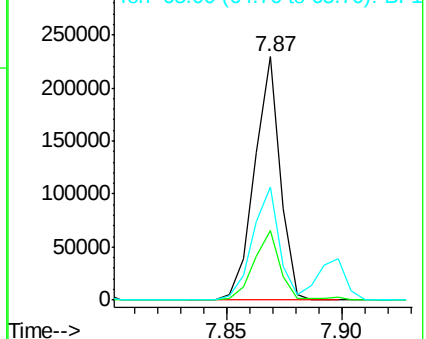
139 100

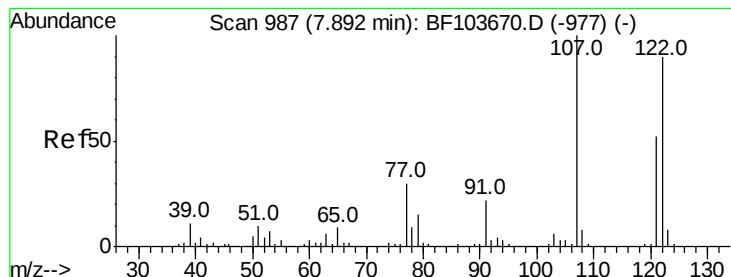
109 28.4 22.7 34.1

65 46.5 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 46.974 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

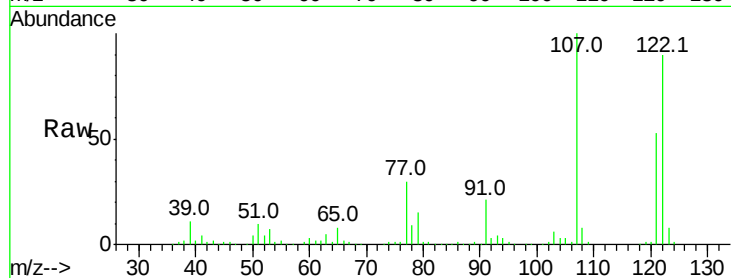
Tot Ion:122 Resp: 371900

Ion Ratio Lower Upper

122 100

107 111.7 91.2 136.8

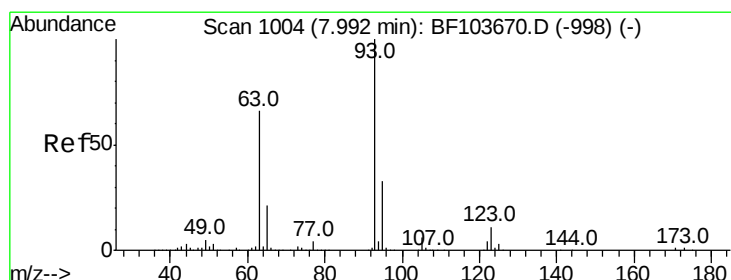
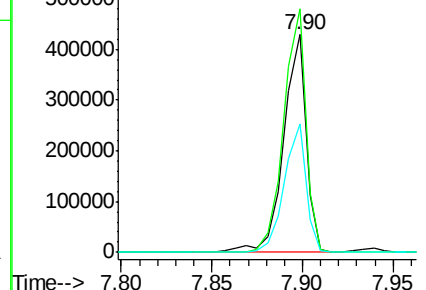
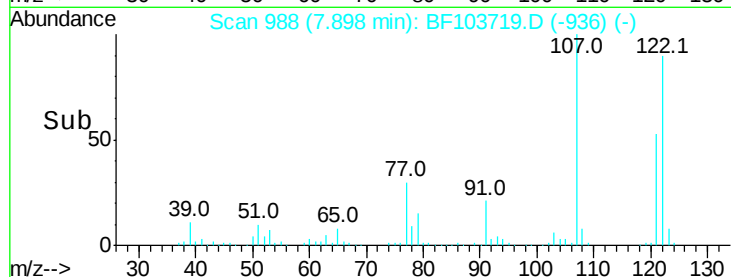
121 58.7 47.2 70.8



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: 45.586 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

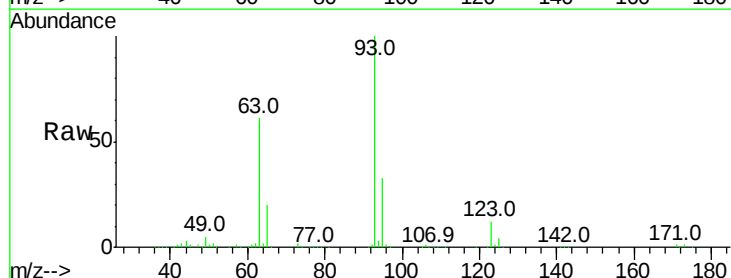
Tgt Ion: 93 Resp: 510141

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

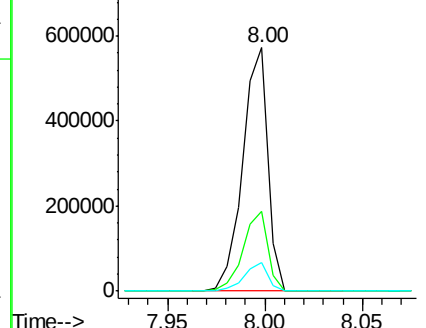
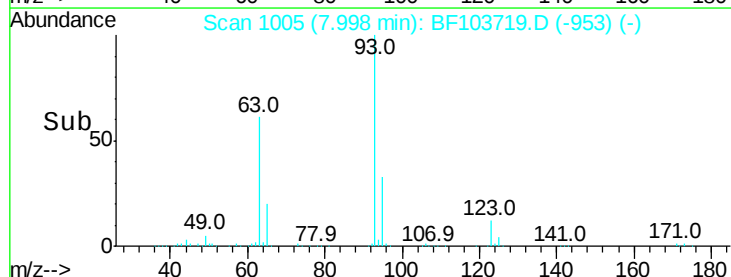
123 11.7 9.8 14.6

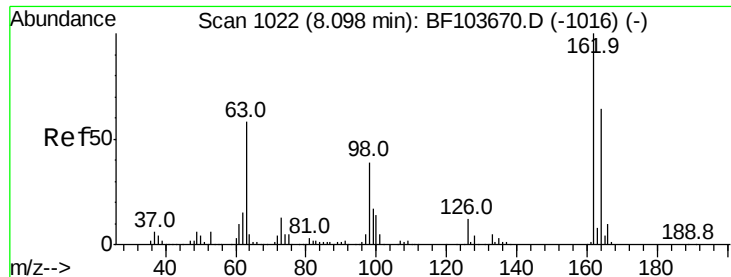


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

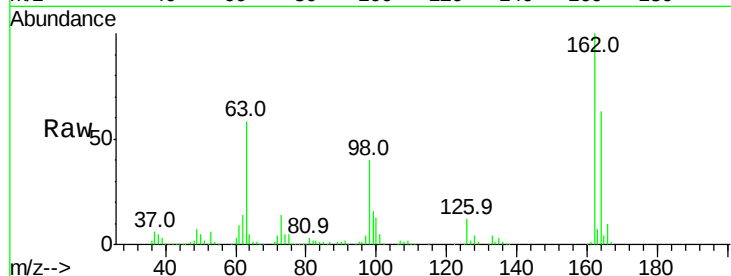




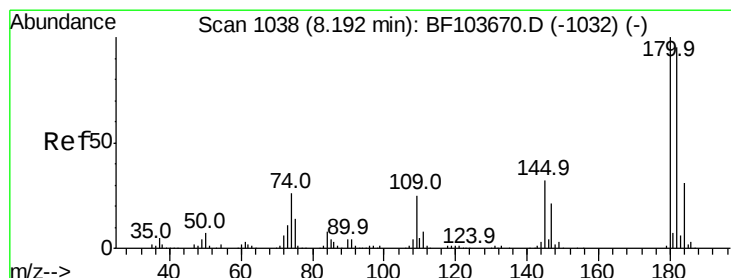
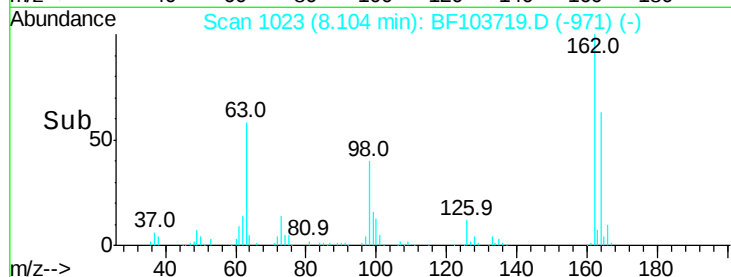
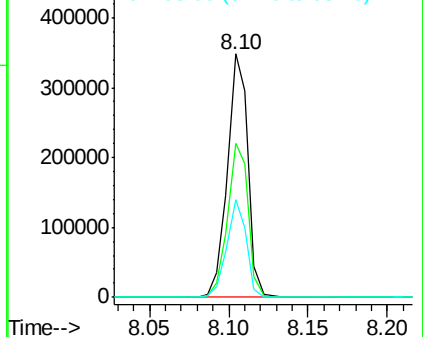
#29
 2,4-Dichlorophenol
 Concen: 43.417 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	40.0	18.1	58.1

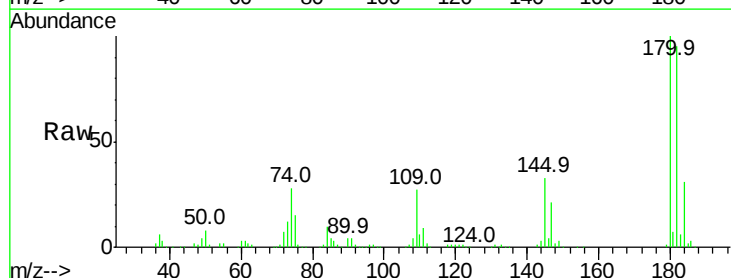


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

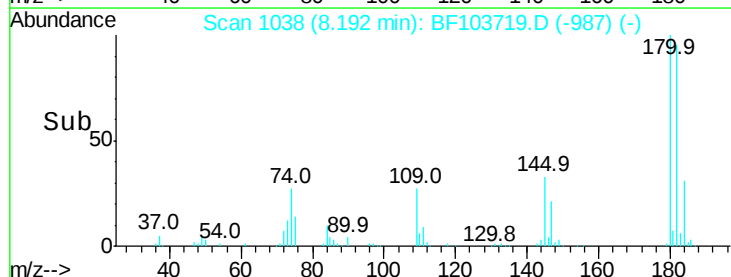
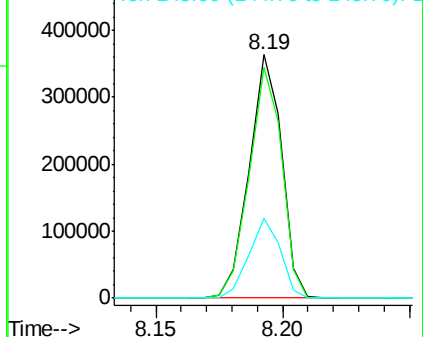


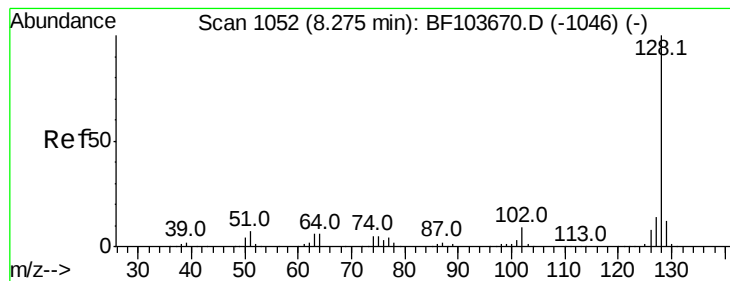
#30
 1,2,4-Trichlorobenzene
 Concen: 38.787 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	32.8	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: 39.548 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

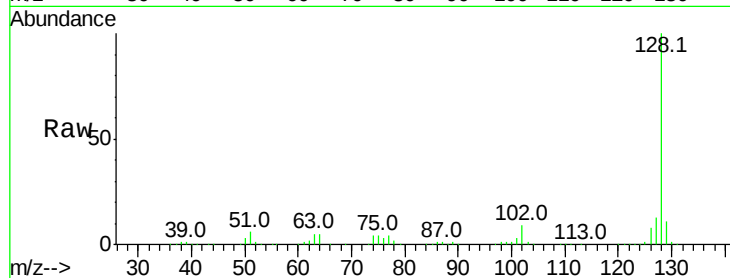
Tot Ion:128 Resp: 1112190

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

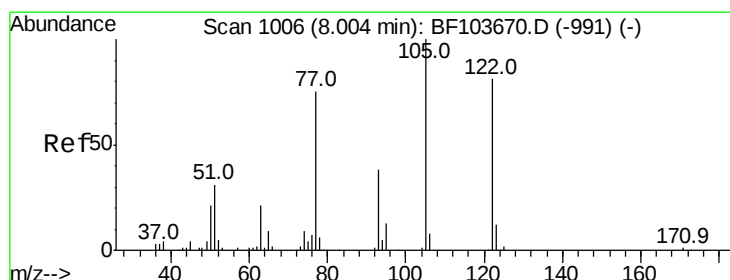
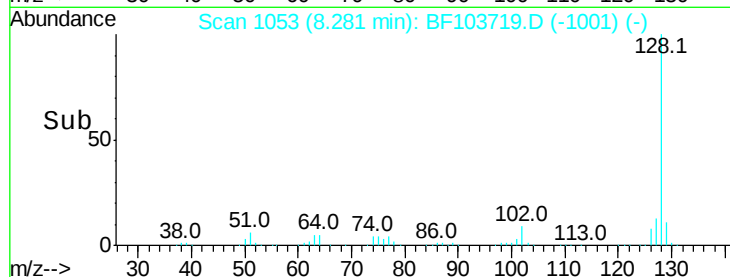
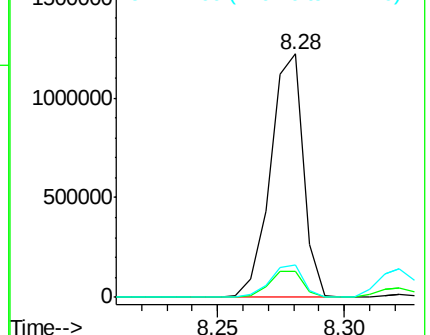
127 13.5 10.9 16.3



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: 62.740 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.11 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

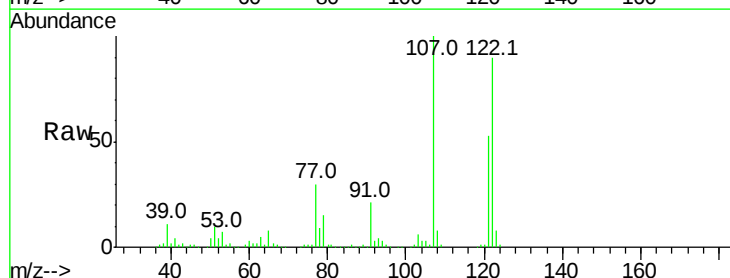
Tgt Ion:122 Resp: 371900

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

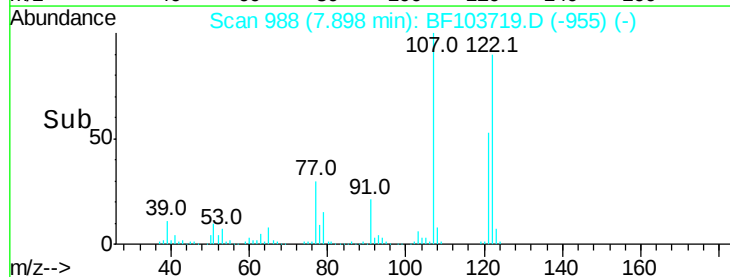
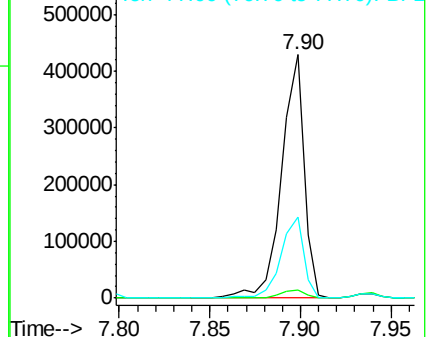
77 33.2 70.7 110.7#

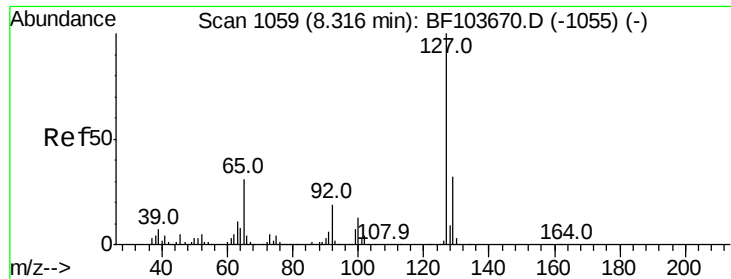


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

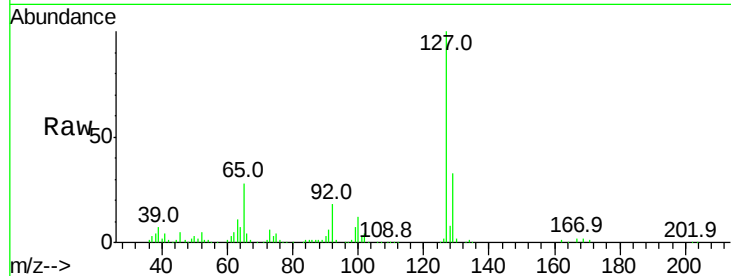




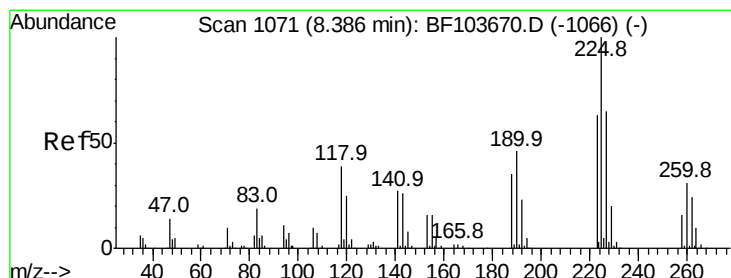
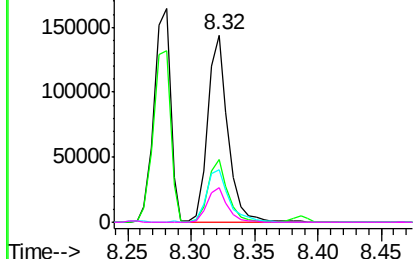
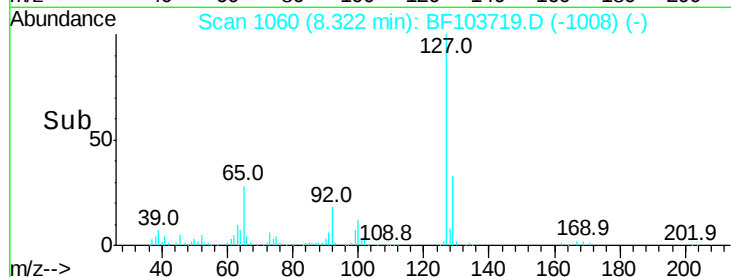
#33
4-Chloroaniline
Concen: 13.673 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	161322
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	28.3	25.0	37.4
92	18.5	15.2	22.8

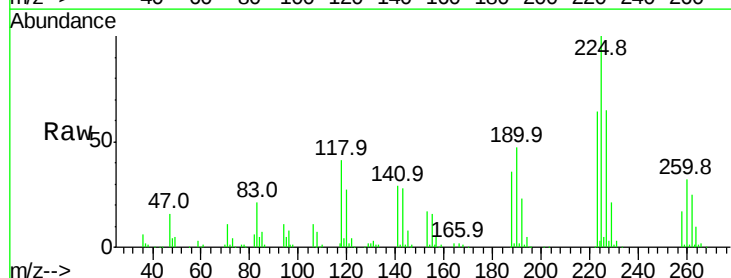


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

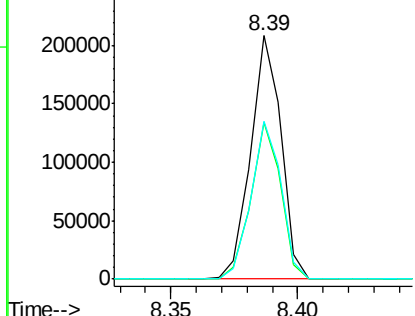
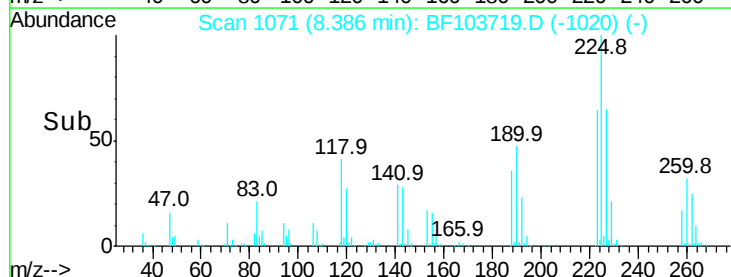


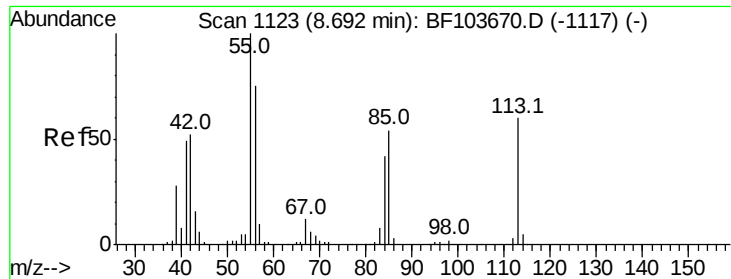
#34
Hexachlorobutadiene
Concen: 37.910 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion:	225	Resp:	173644
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	64.6	51.9	77.9



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





#35

Caprolactam

Concen: 2.210 ng

RT: 8.63 min Scan# 1113

Delta R.T. -0.06 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

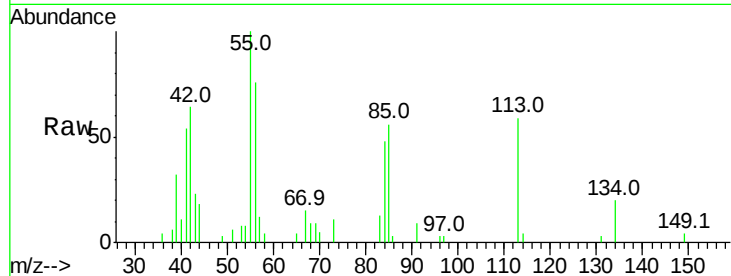
Tot Ion:113 Resp: 5481

Ion Ratio Lower Upper

113 100

55 168.7 163.3 203.3

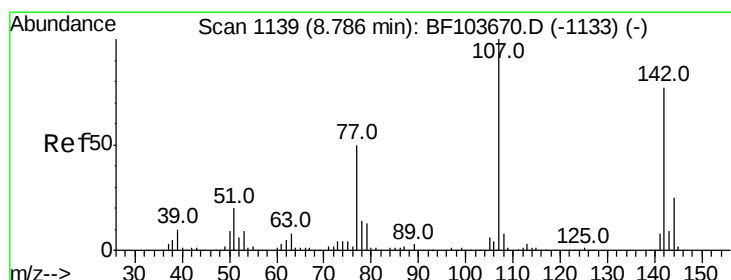
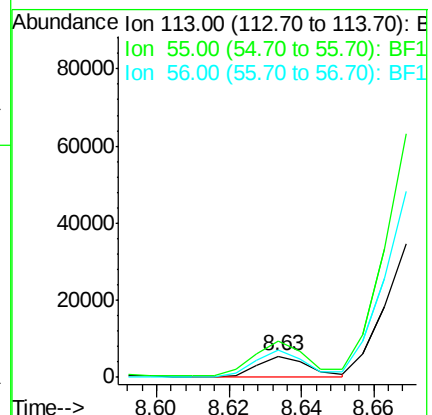
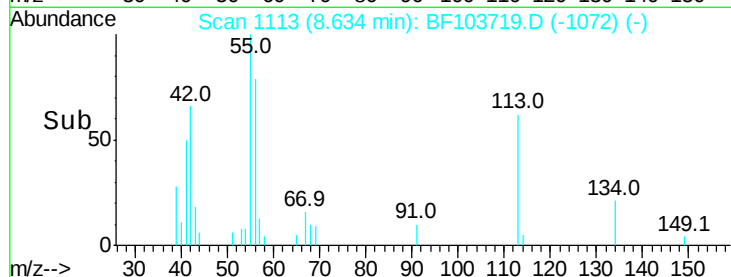
56 128.1 115.7 155.7



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: 40.128 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

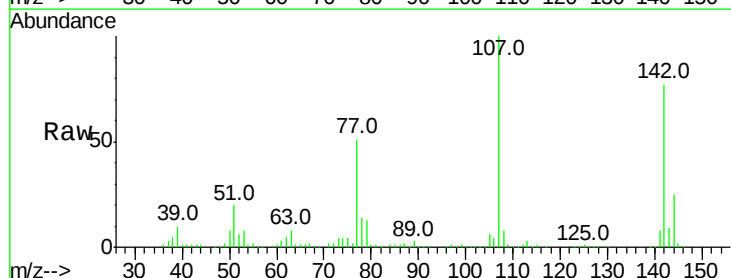
Tgt Ion:107 Resp: 318644

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

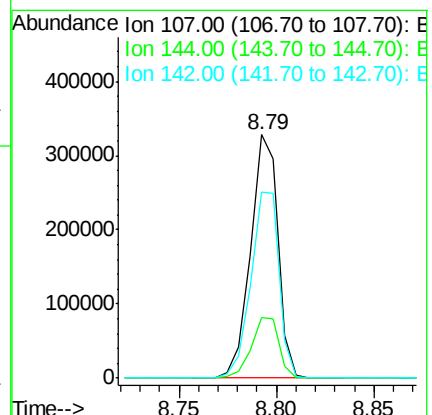
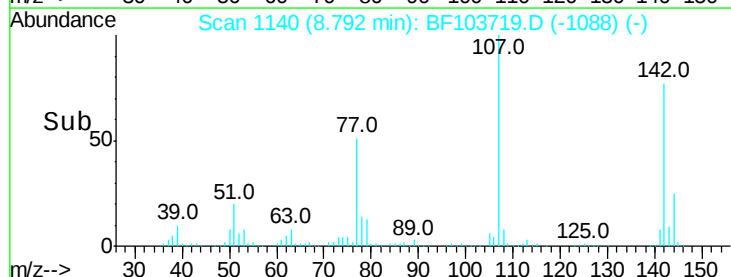
142 76.6 62.0 93.0

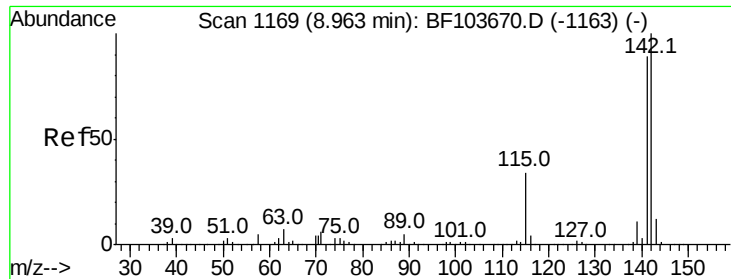


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

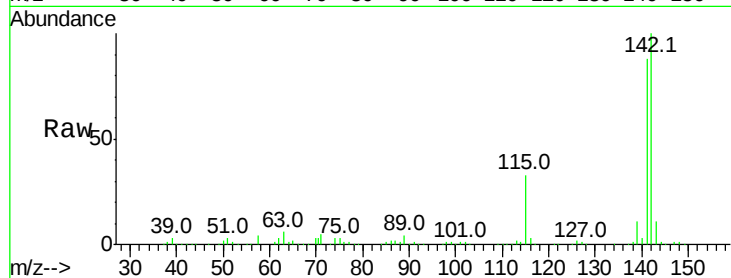




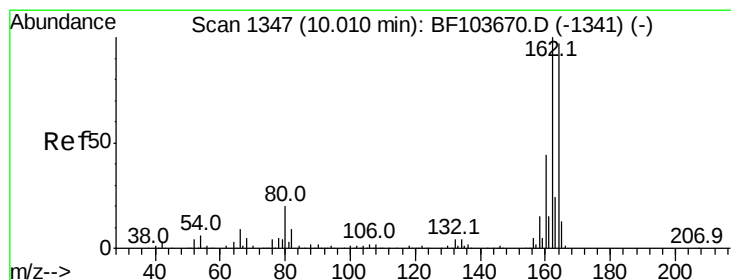
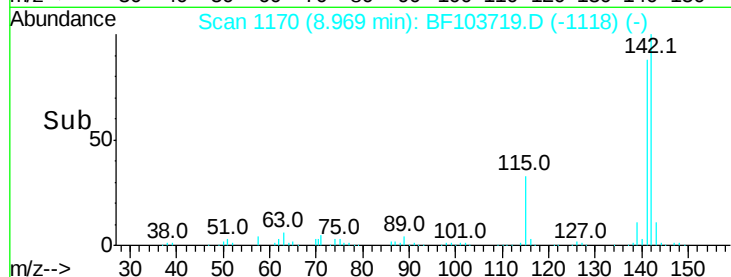
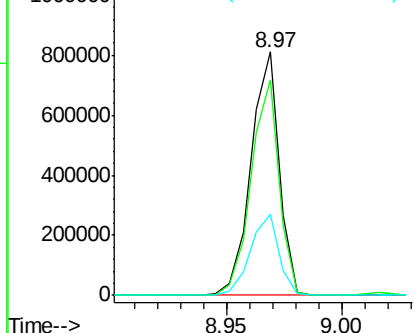
#37
2-Methylnaphthalene
Concen: 38.827 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 692456
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2
115 33.1 26.1 39.1

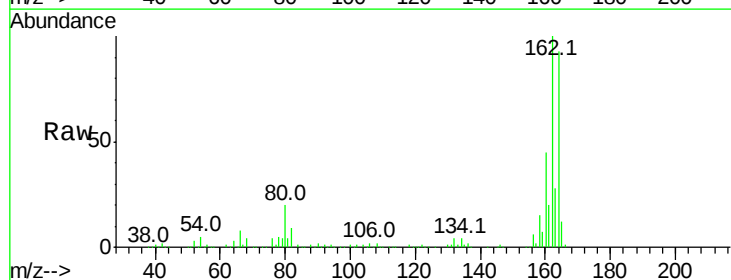


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

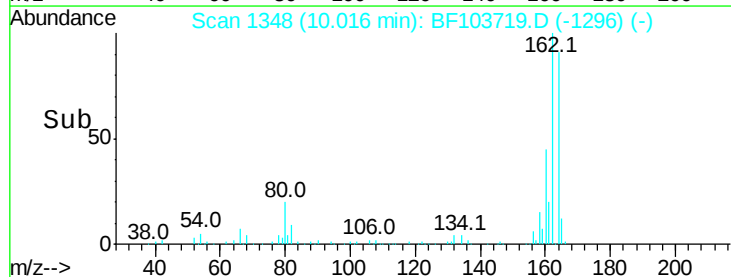
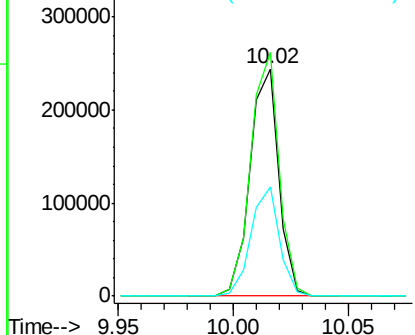


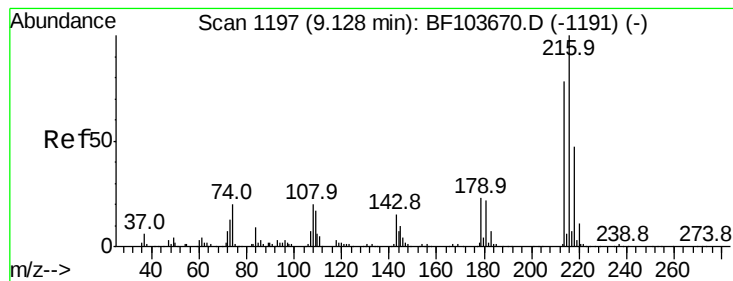
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion:164 Resp: 212816
Ion Ratio Lower Upper
164 100
162 107.2 86.1 129.1
160 48.2 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: 44.719 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 271505

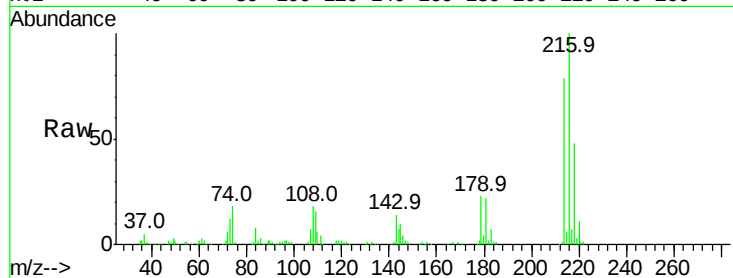
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 22.8 18.1 27.1

108 20.5 17.2 25.8

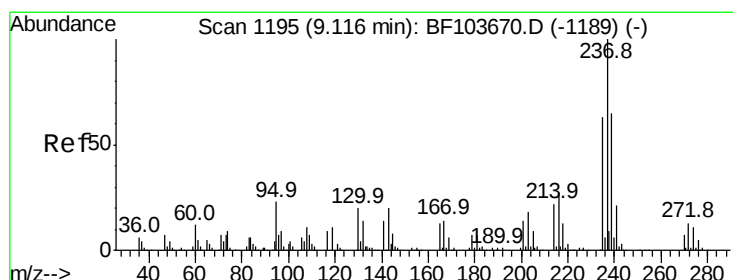
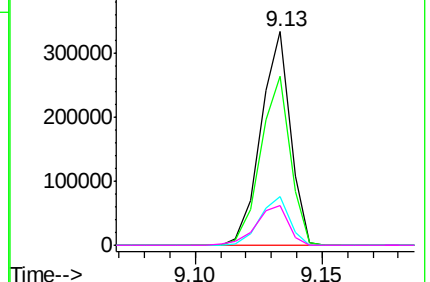
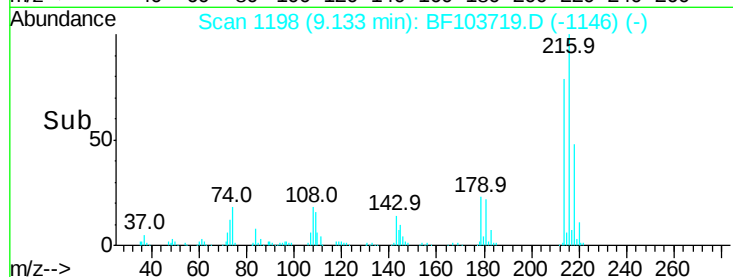


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 18.455 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

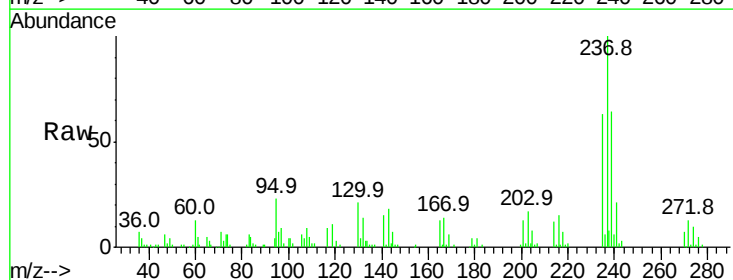
Tgt Ion:237 Resp: 57818

Ion Ratio Lower Upper

237 100

235 63.2 44.8 84.8

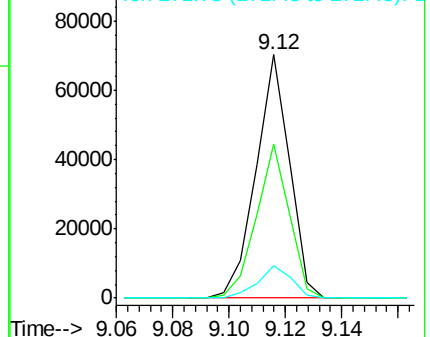
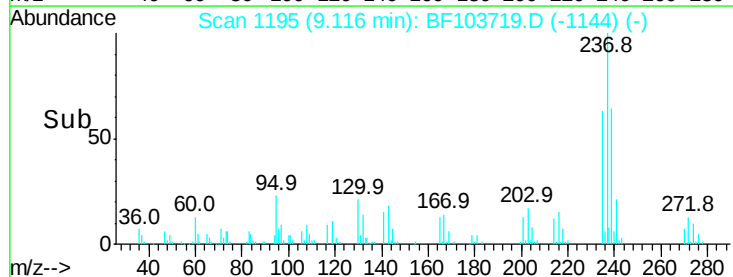
272 13.4 0.0 33.3

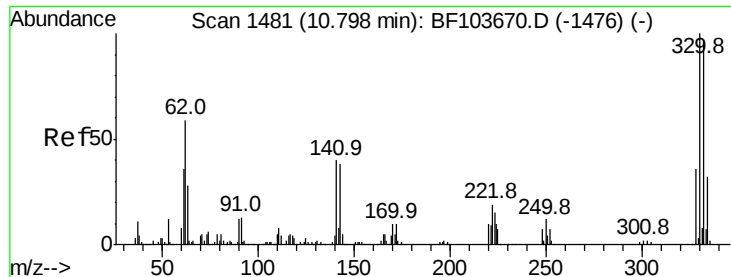


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

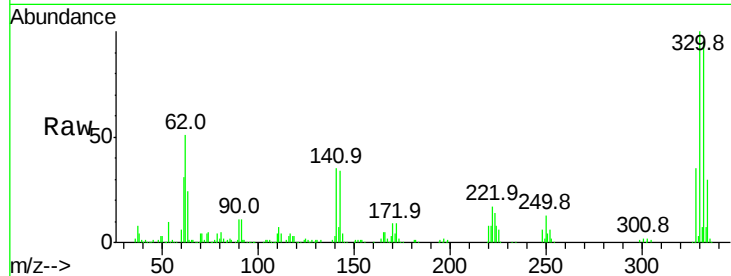




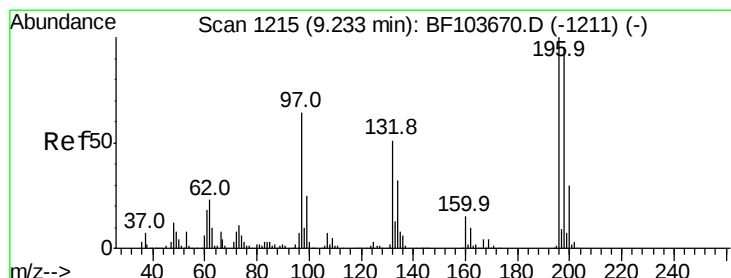
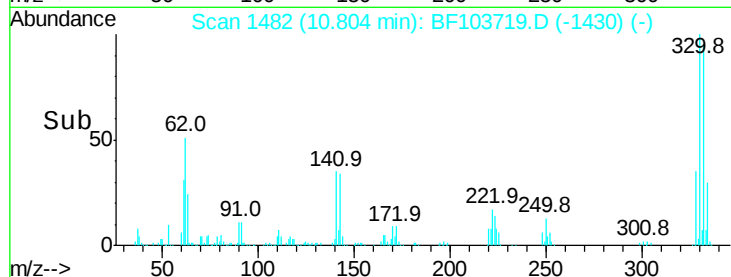
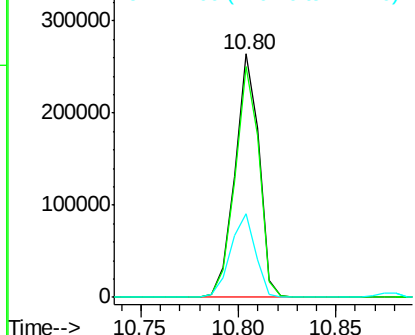
#41
 2,4,6-Tribromophenol
 Concen: 122.641 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 224410
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 36.1 29.9 44.9

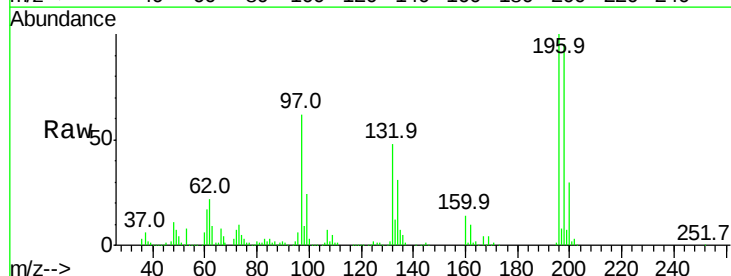


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

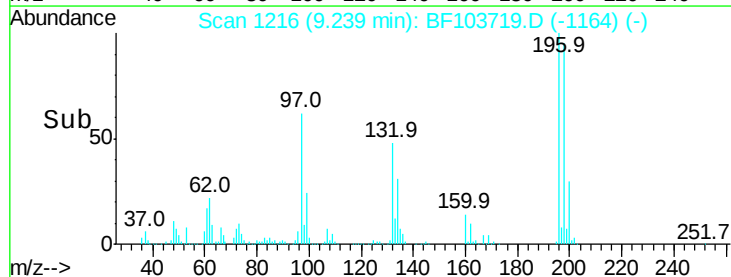
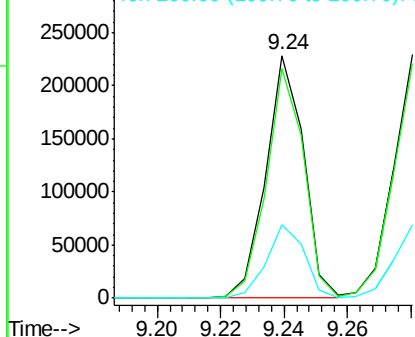


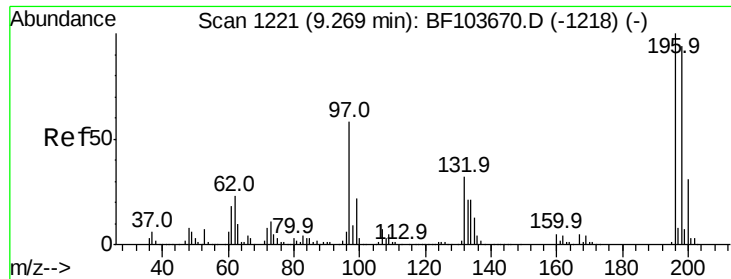
#42
 2,4,6-Trichlorophenol
 Concen: 48.671 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Tgt Ion:196 Resp: 189010
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 30.3 24.5 36.7



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

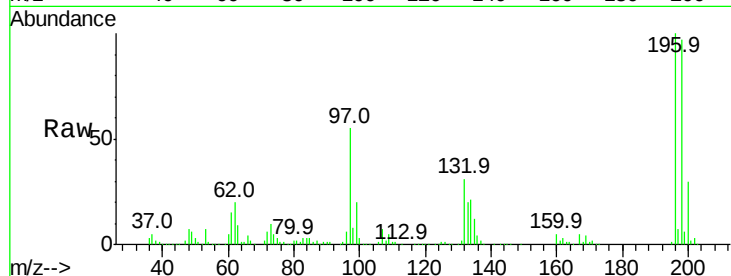




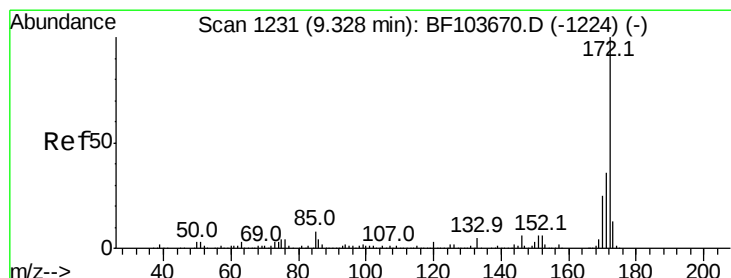
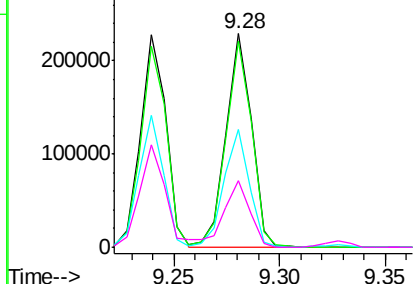
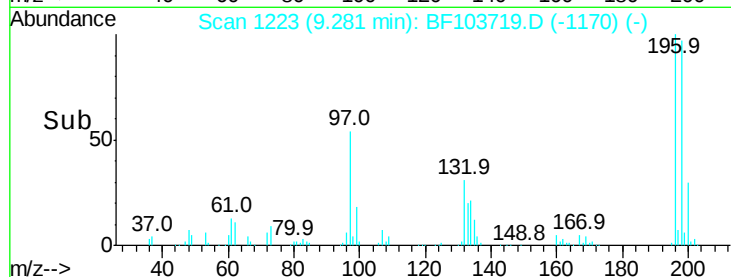
#43
 2,4,5-Trichlorophenol
 Concen: 43.730 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 191674
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.6 112.0
 97 54.9 42.9 64.3
 132 30.9 26.3 39.5

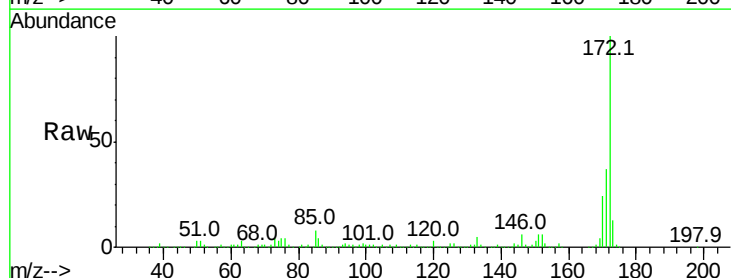


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

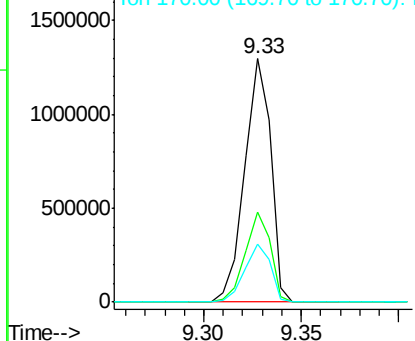
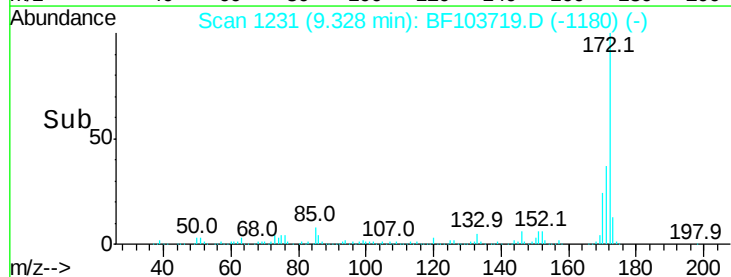


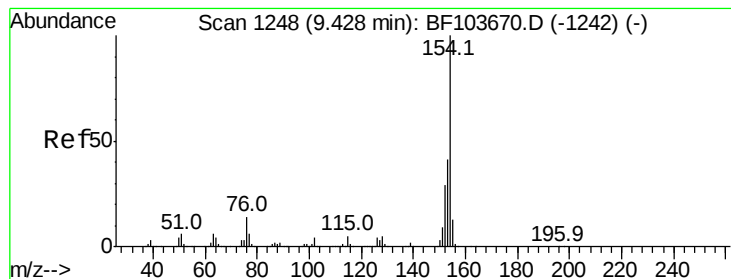
#44
 2-Fluorobiphenyl
 Concen: 90.161 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Tgt Ion:172 Resp: 1202876
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.0 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: 43.292 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampled :

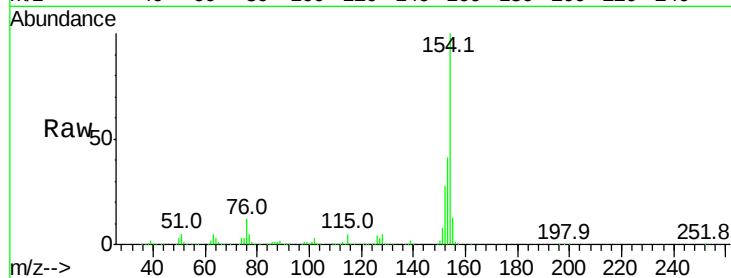
Tot Ion:154 Resp: 768249

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

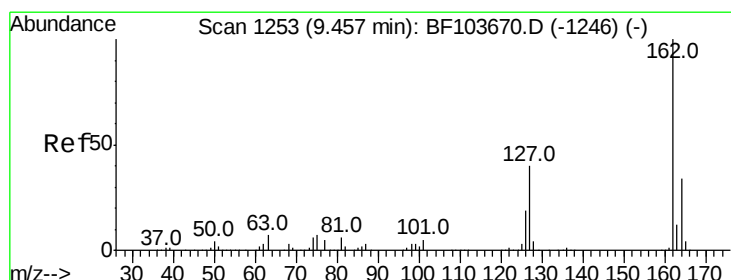
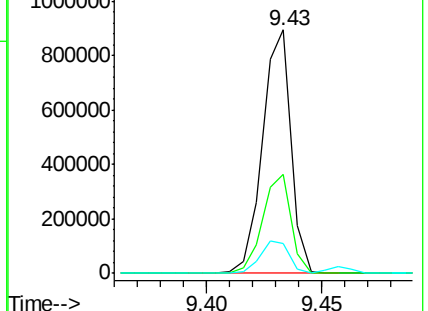
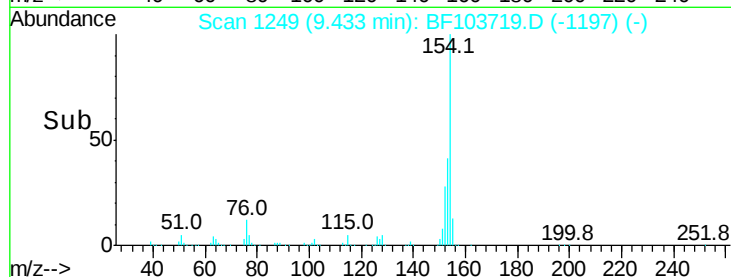
76 12.2 0.0 34.0



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: 41.954 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

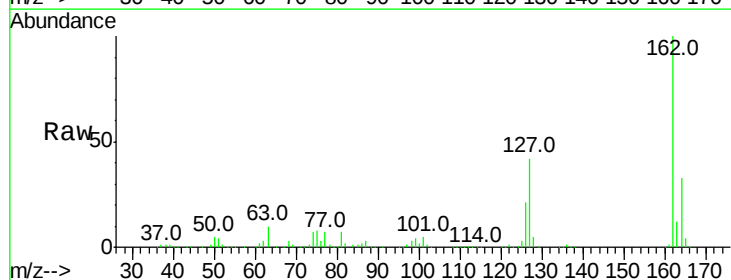
Tgt Ion:162 Resp: 591330

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

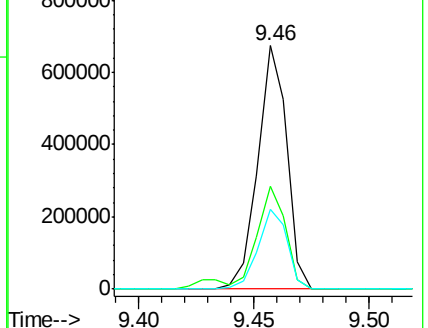
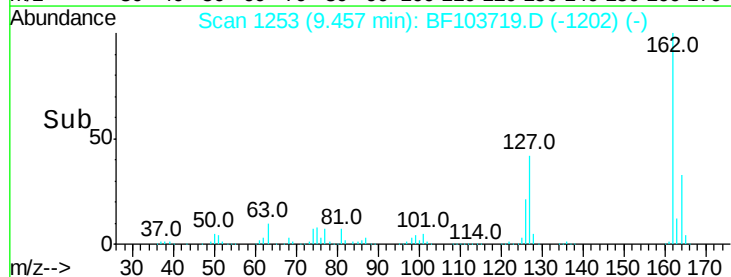
164 33.0 26.5 39.7

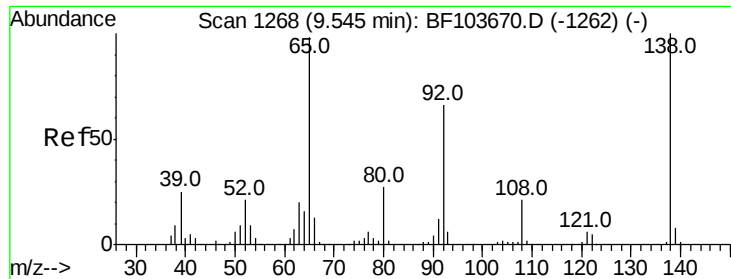


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

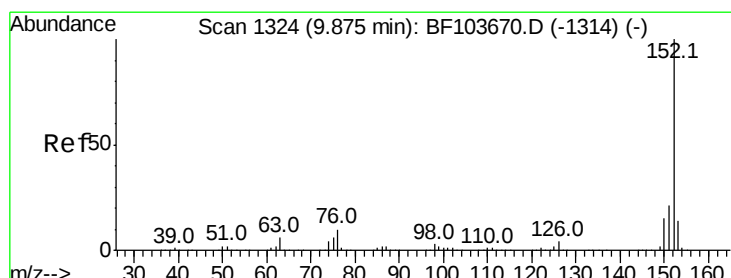
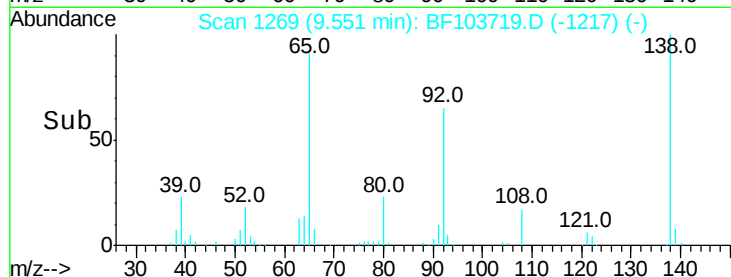
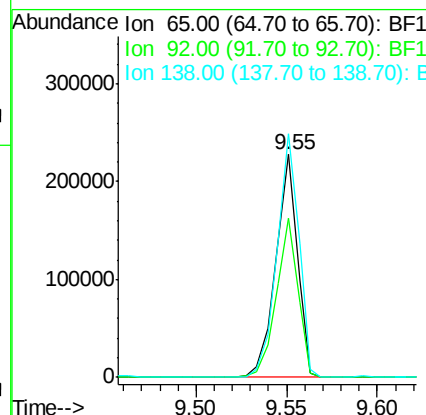
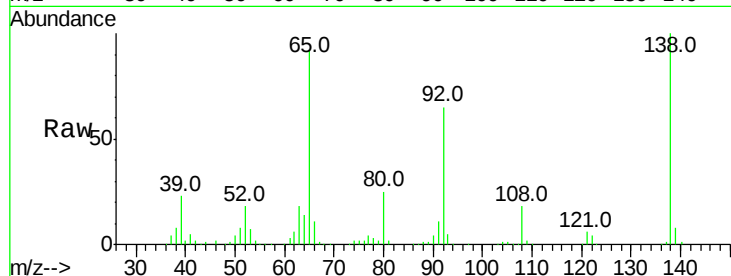




#47
2-Nitroaniline
Concen: 50.801 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

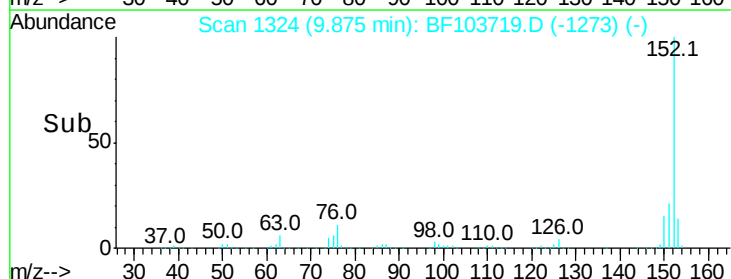
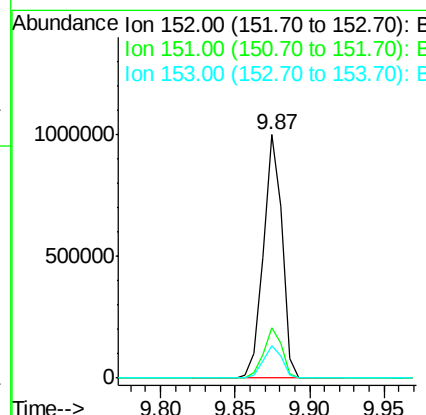
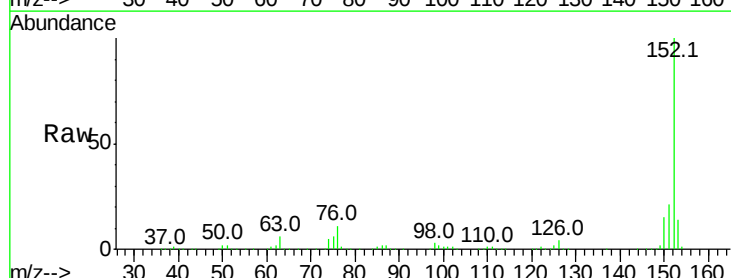
Instrument :
BNA_F
ClientSampleId :

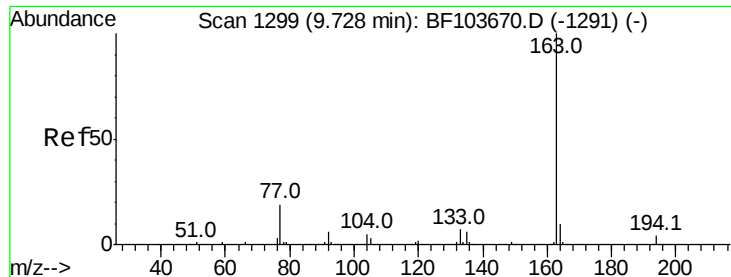
Tot Ion: 65 Resp: 189022
Ion Ratio Lower Upper
65 100
92 71.2 55.8 83.6
138 109.3 91.2 136.8



#48
Acenaphthylene
Concen: 39.002 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion:152 Resp: 852448
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.5 10.7 16.1

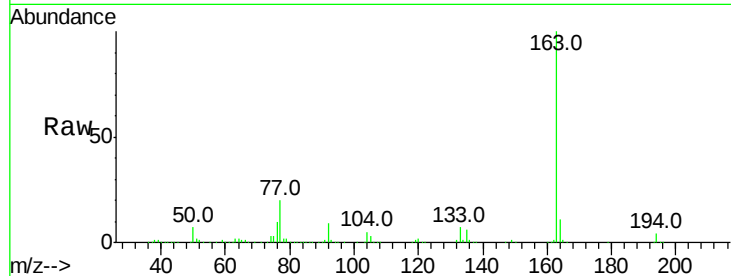




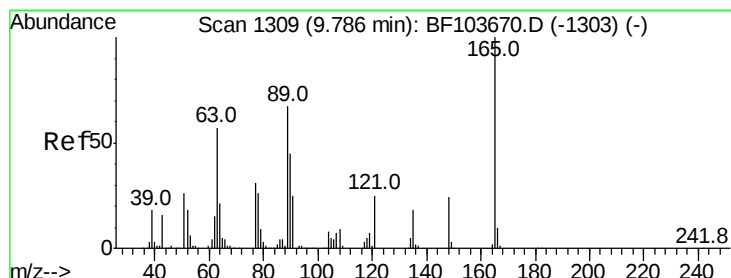
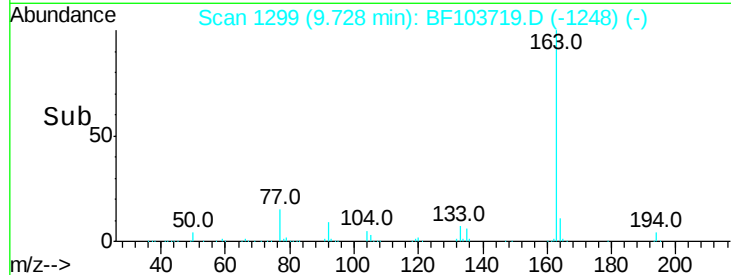
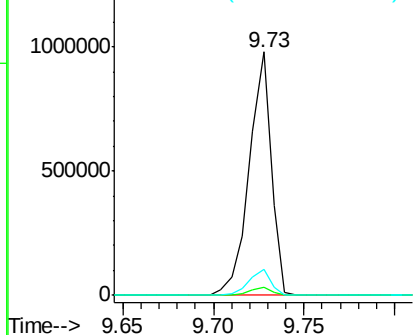
#49
Dimethylphthalate
Concen: 51.201 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 831331
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

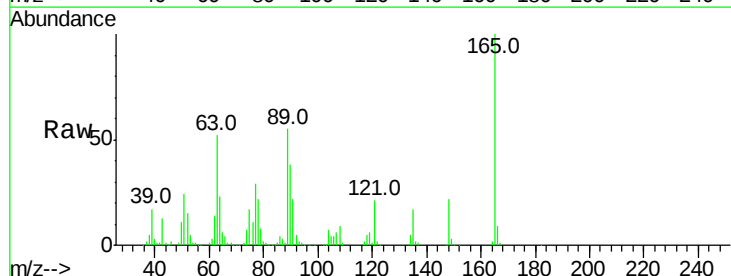


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

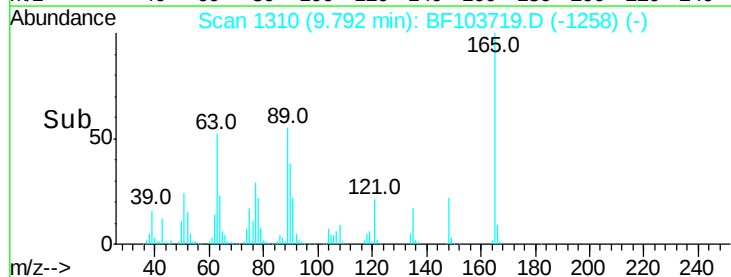
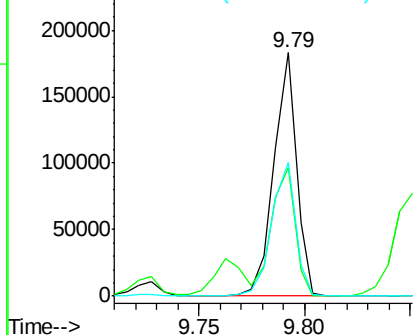


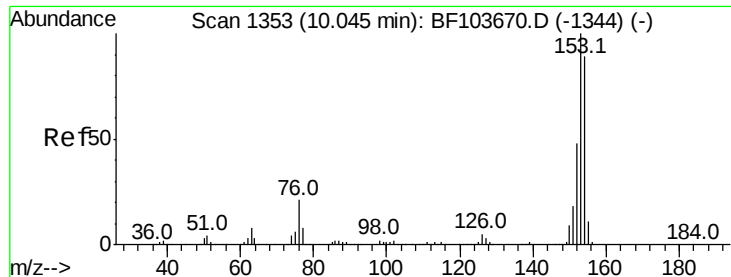
#50
2,6-Dinitrotoluene
Concen: 44.112 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion:165 Resp: 137446
Ion Ratio Lower Upper
165 100
63 52.5 44.7 67.1
89 54.9 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: 38.491 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

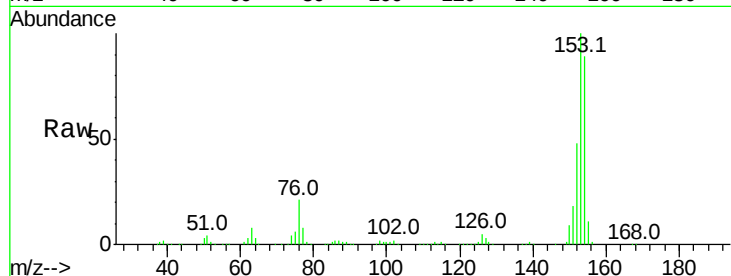
Tot Ion:154 Resp: 499530

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

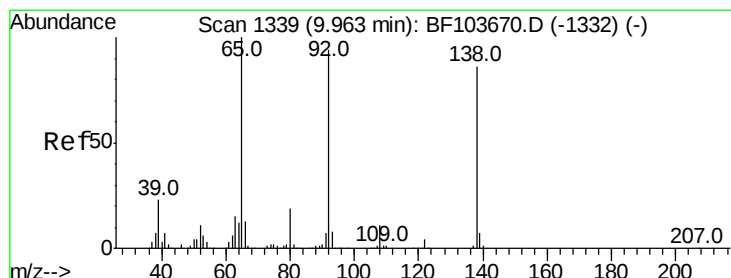
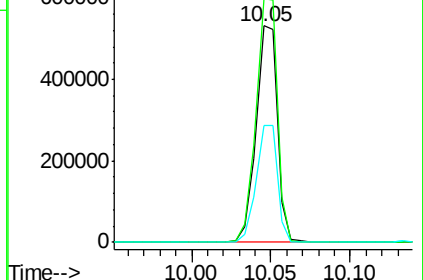
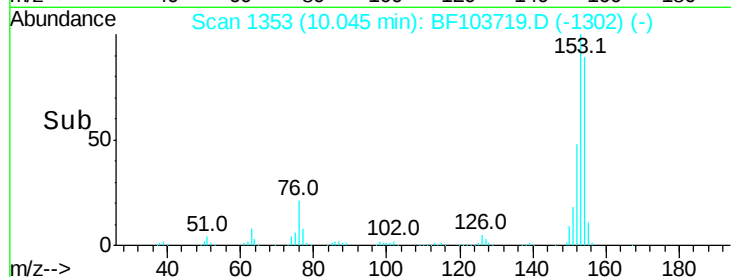
152 54.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.491 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

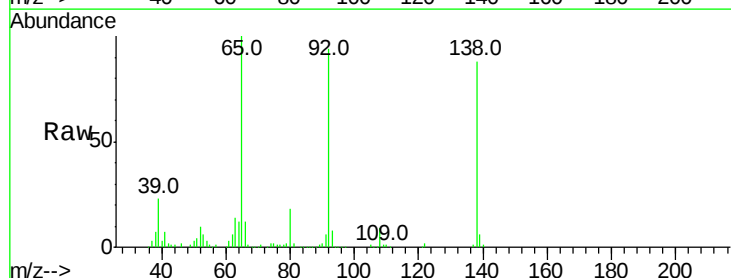
Tgt Ion:138 Resp: 133624

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

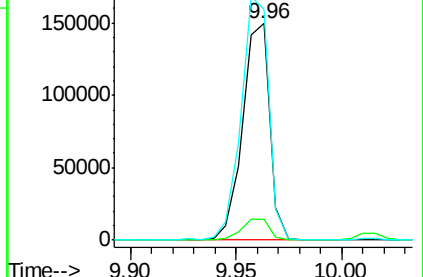
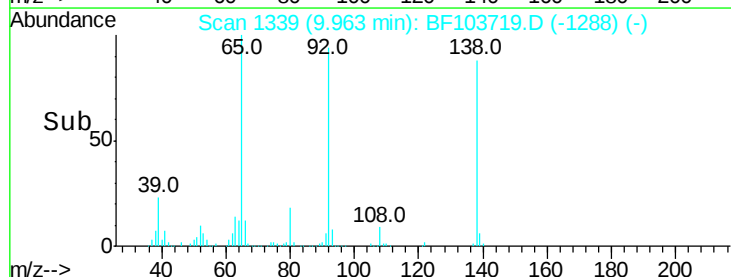
92 106.5 89.4 134.2

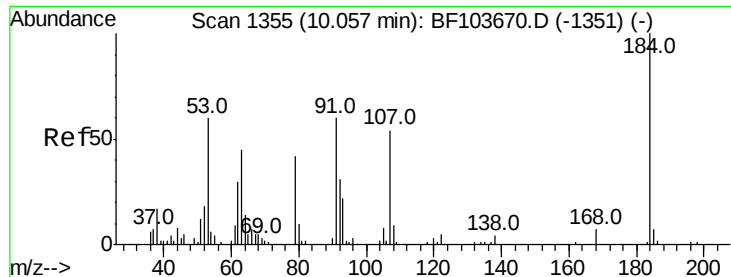


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

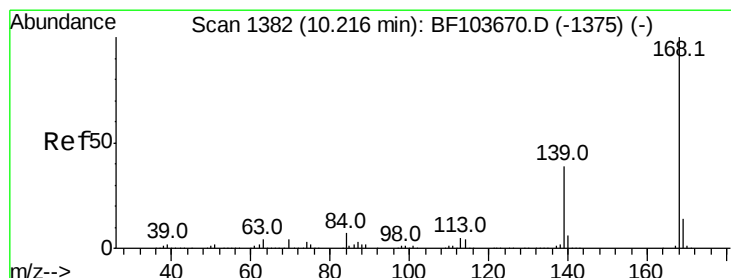
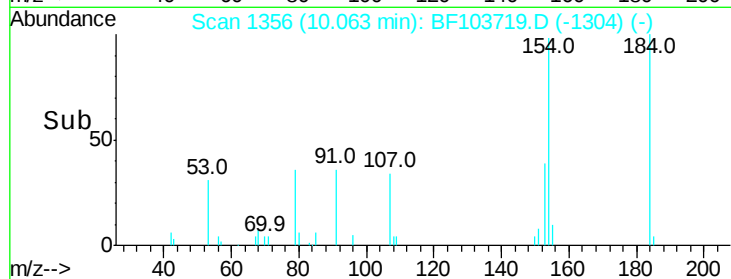
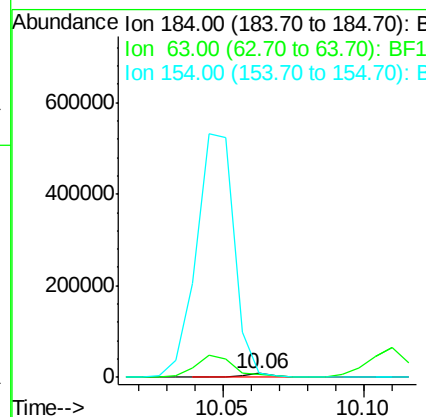
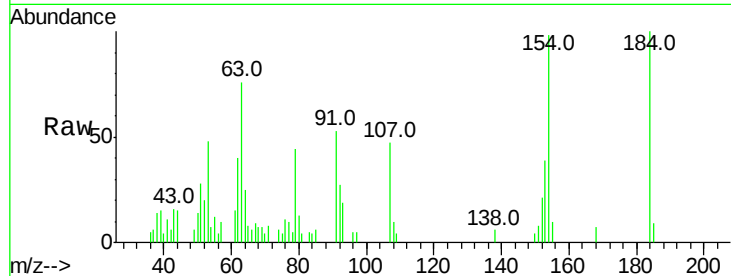




#53
2,4-Dinitrophenol
Concen: 18.016 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

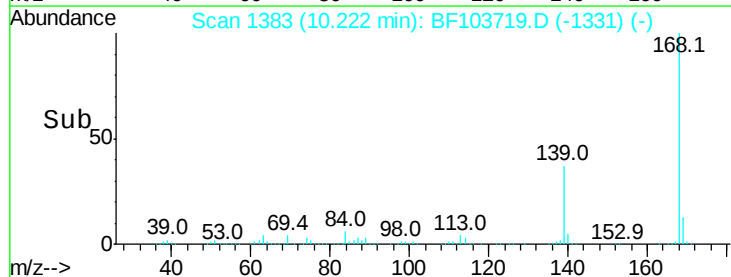
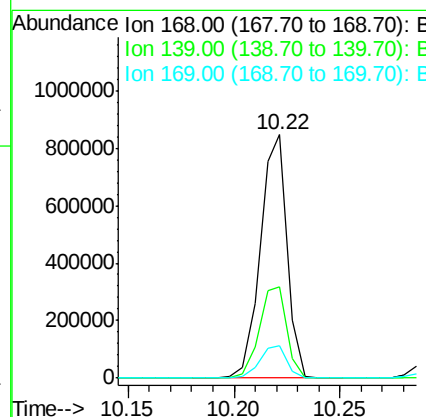
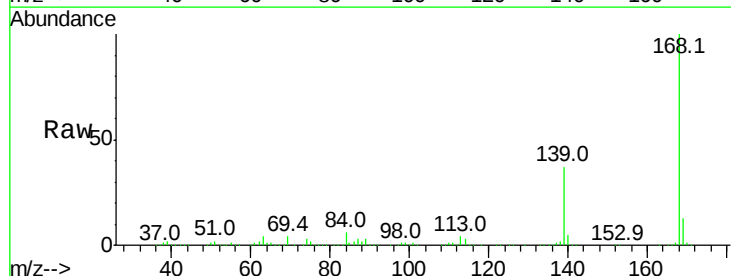
Instrument :
BNA_F
ClientSampleId :

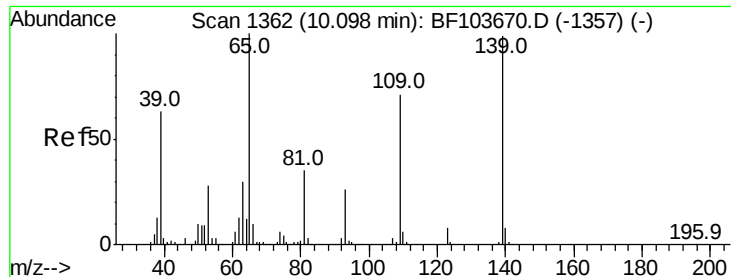
Tot Ion:184 Resp: 5777
Ion Ratio Lower Upper
184 100
63 76.3 54.2 81.2
154 97.7 184.0 276.0#



#54
Dibenzofuran
Concen: 40.223 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion:168 Resp: 745534
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.2 10.9 16.3

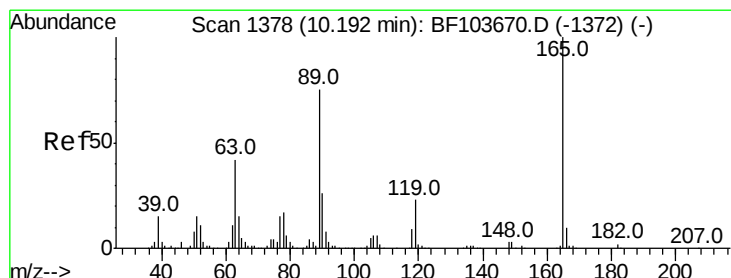
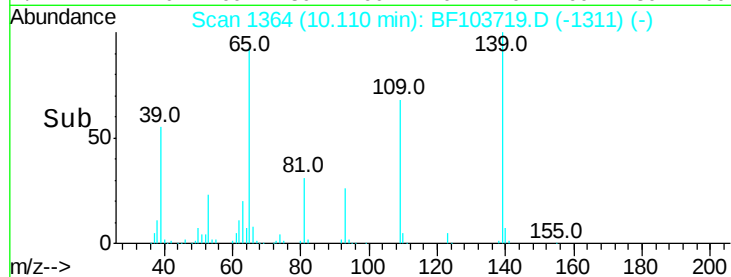
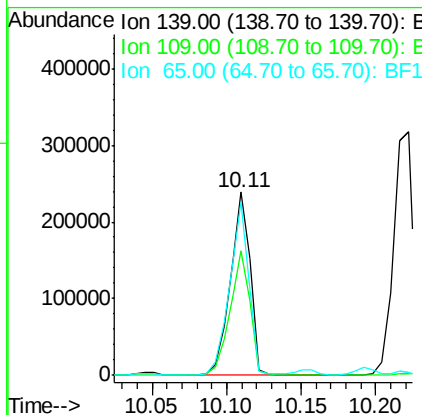
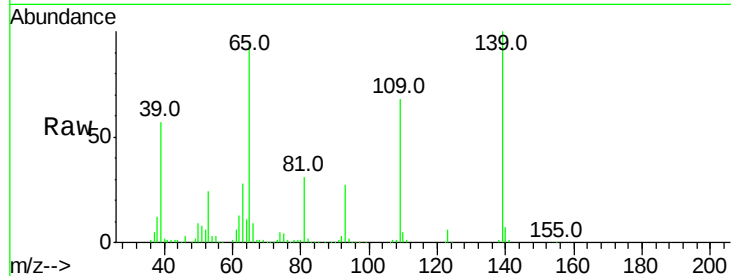




#55
4-Nitrophenol
Concen: 76.178 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

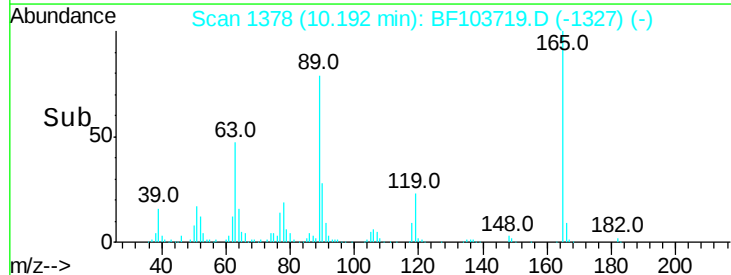
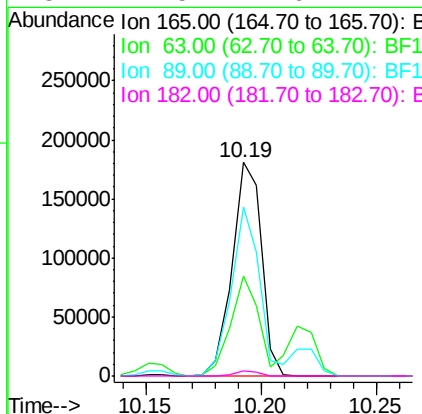
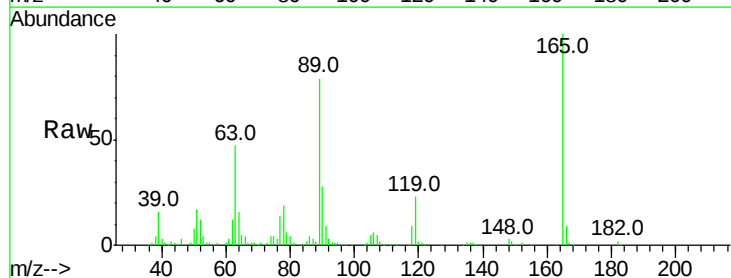
Instrument :
BNA_F
ClientSampleId :

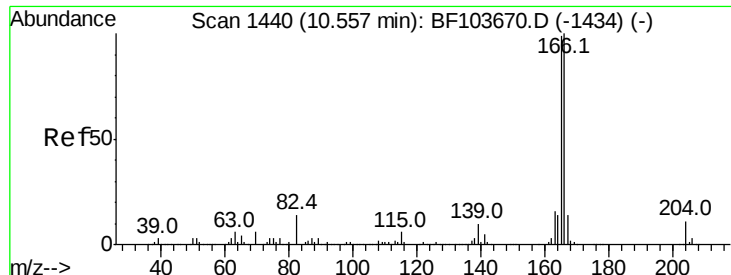
Tot Ion:139 Resp: 225699
Ion Ratio Lower Upper
139 100
109 68.1 48.4 88.4
65 94.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.260 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion:165 Resp: 160196
Ion Ratio Lower Upper
165 100
63 46.8 36.4 54.6
89 78.8 57.8 86.6
182 2.5 1.6 2.4#

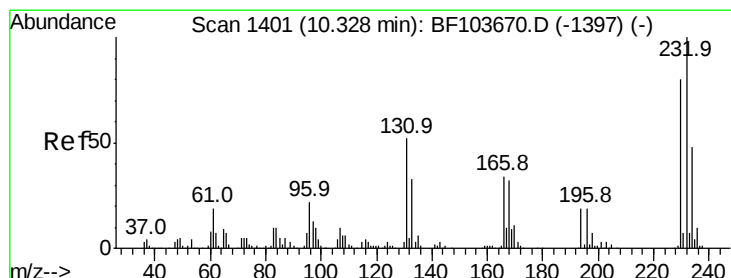
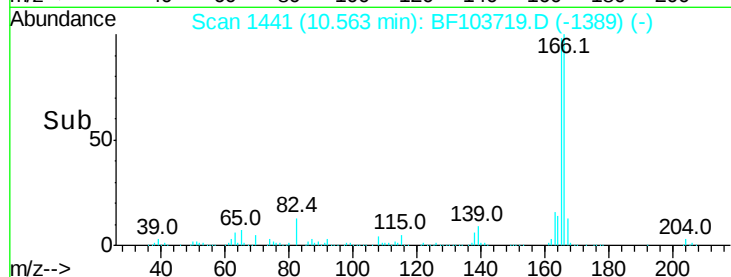
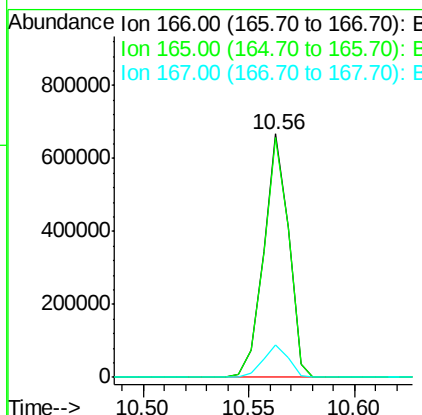
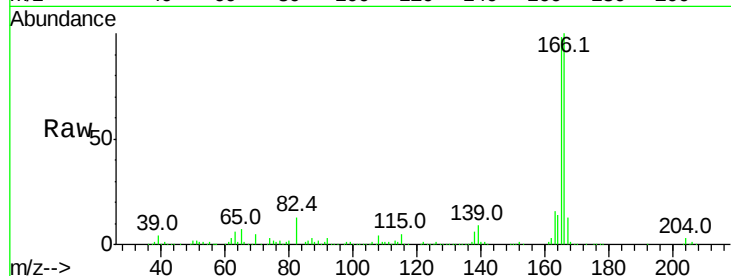




#57
 Fluorene
 Concen: 38.025 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

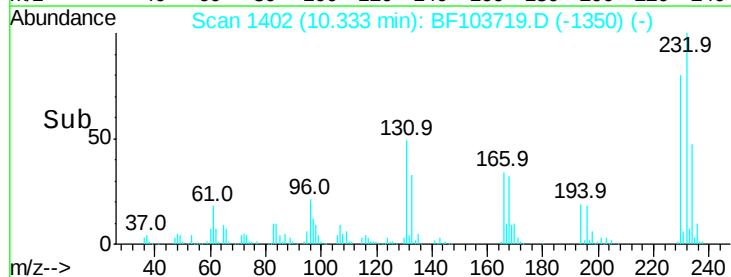
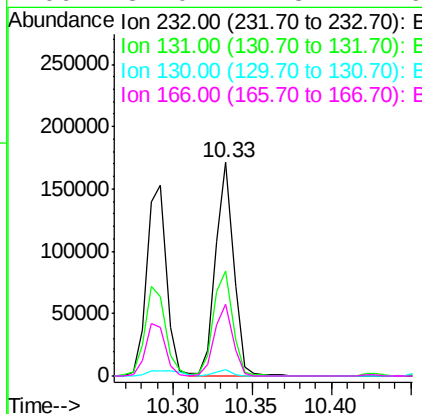
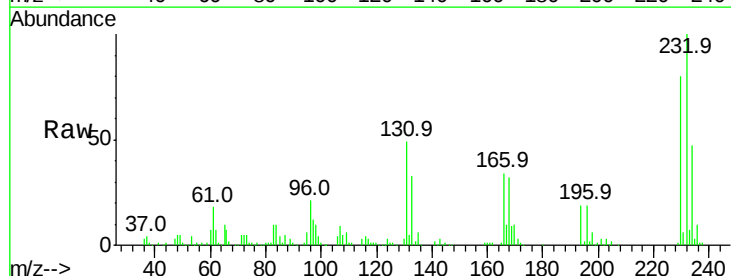
Instrument :
 BNA_F
 ClientSampleId :

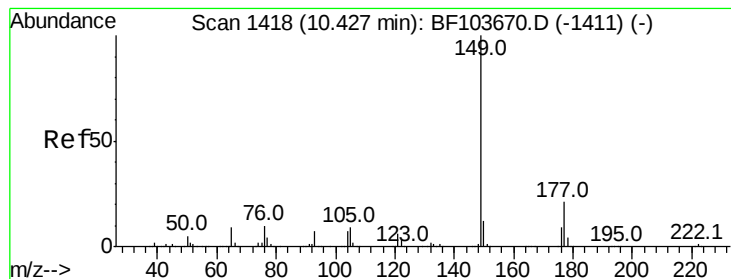
Tot Ion:166 Resp: 546904
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.024 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Tgt Ion:232 Resp: 136731
 Ion Ratio Lower Upper
 232 100
 131 53.1 43.8 65.8
 130 2.6 2.1 3.1
 166 34.0 27.8 41.6





#59

Diethylphthalate

Concen: 40.537 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampled :

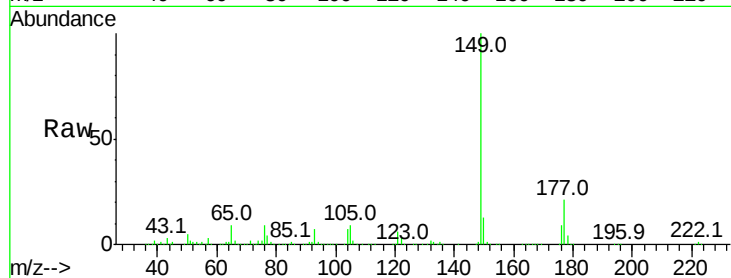
Tot Ion:149 Resp: 653271

Ion Ratio Lower Upper

149 100

177 21.3 16.1 24.1

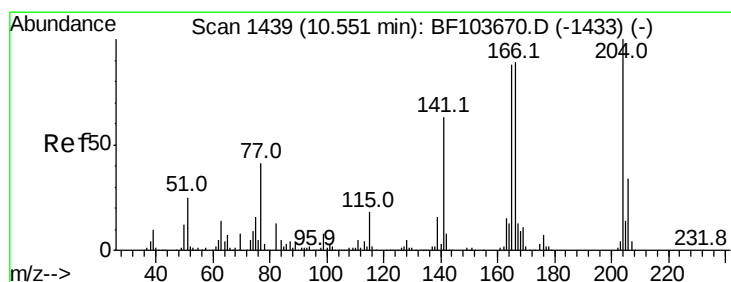
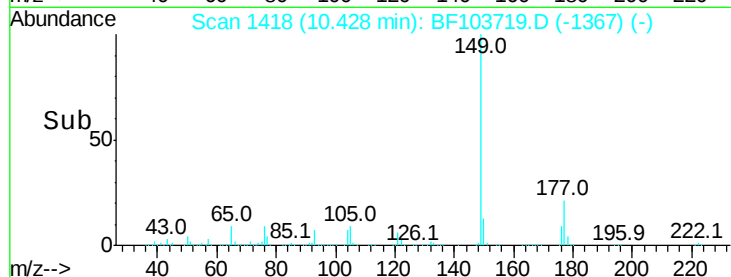
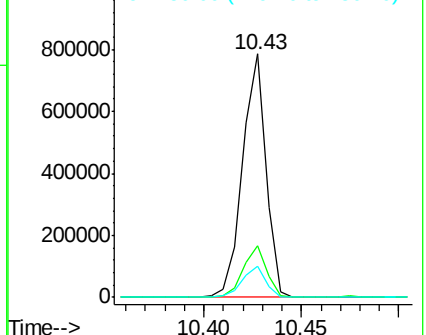
150 12.7 10.1 15.1



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: 39.668 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

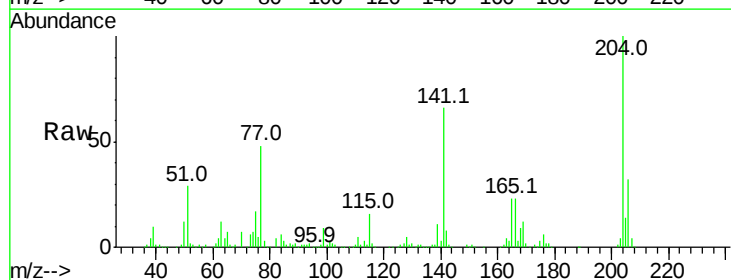
Tgt Ion:204 Resp: 260745

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

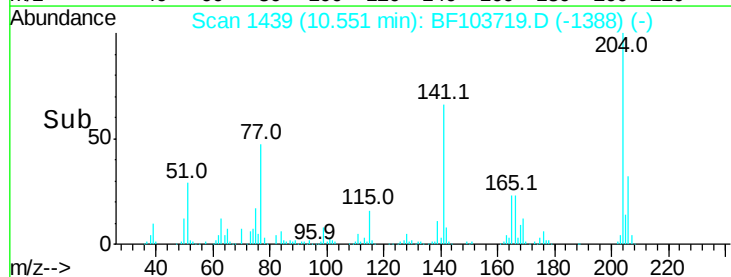
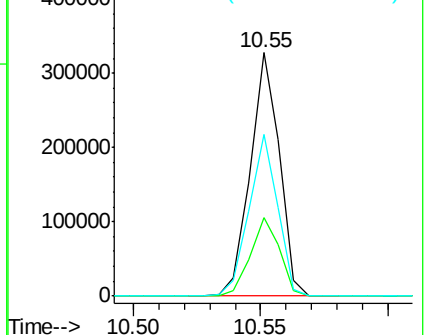
141 66.4 54.6 81.8

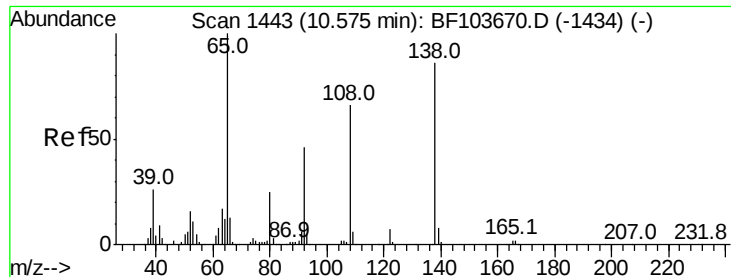


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

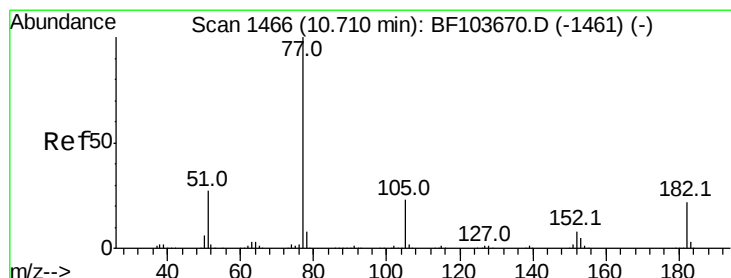
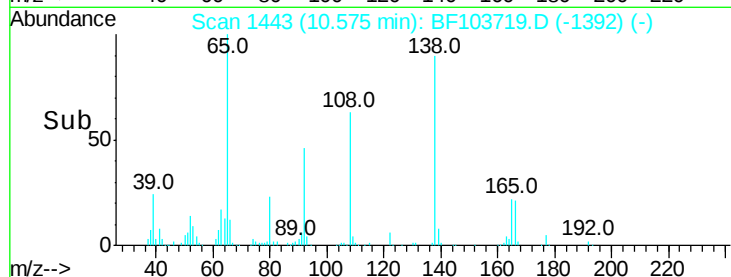
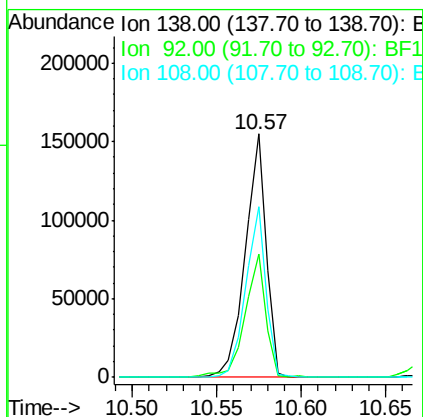
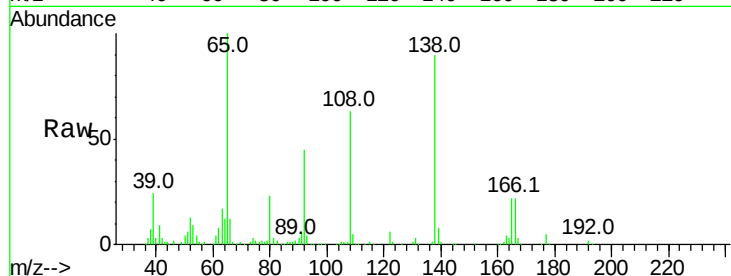




#61
4-Nitroaniline
Concen: 38.009 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

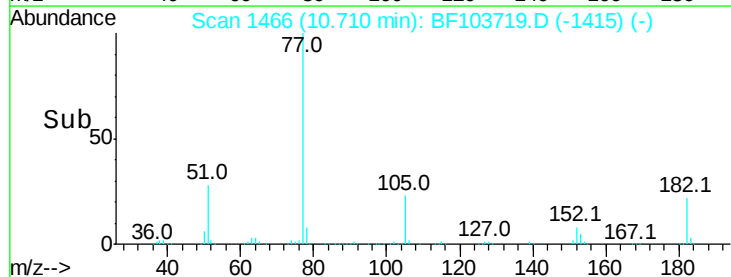
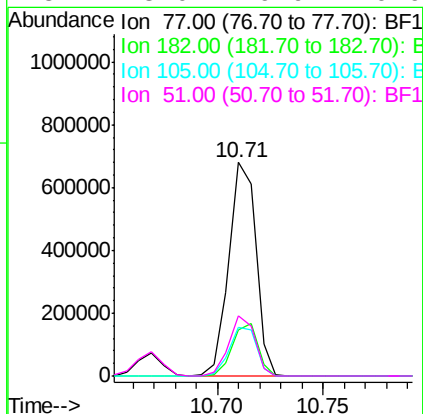
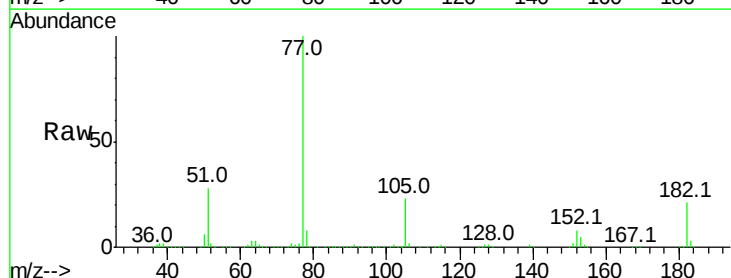
Instrument :
BNA_F
ClientSampleId :

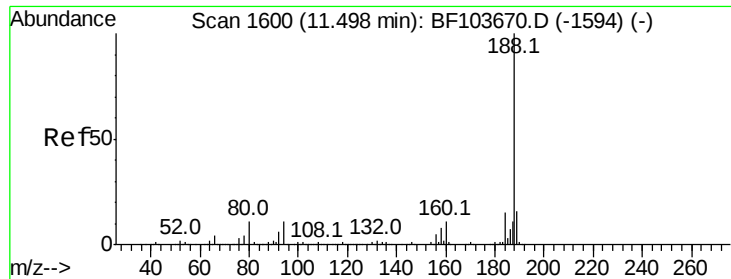
Tot Ion:138 Resp: 134639
Ion Ratio Lower Upper
138 100
92 50.4 30.2 70.2
108 70.1 52.5 92.5



#62
Azobenzene
Concen: 36.616 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion: 77 Resp: 599922
Ion Ratio Lower Upper
77 100
182 21.5 1.7 41.7
105 23.0 3.0 43.0
51 28.0 9.9 49.9

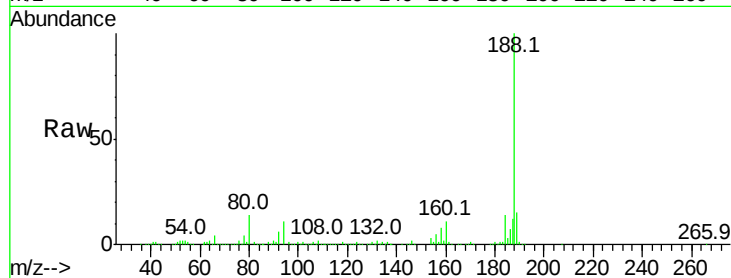




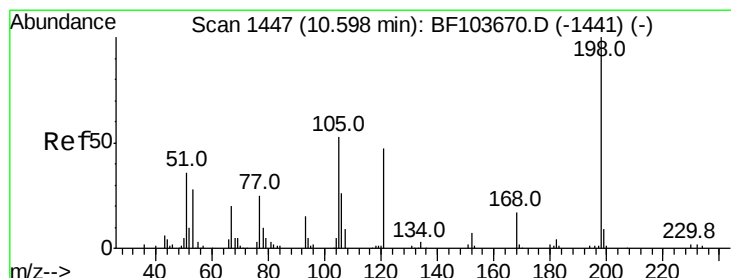
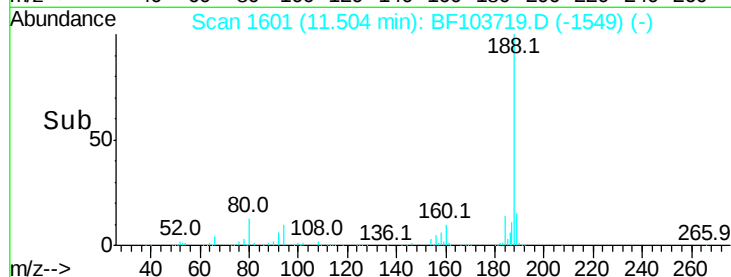
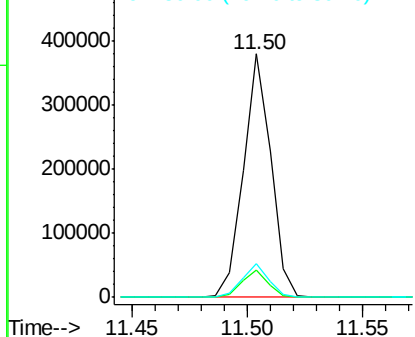
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 315812
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 13.7 9.2 13.8

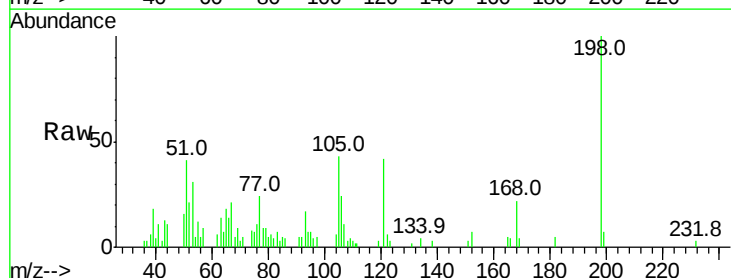


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

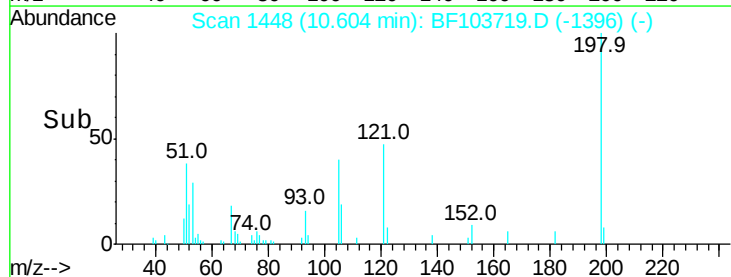
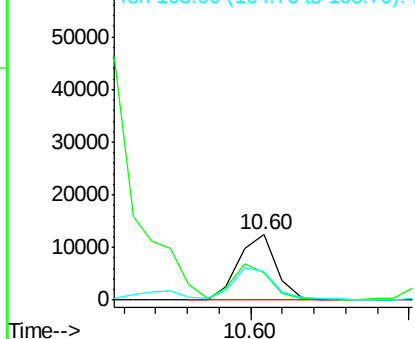


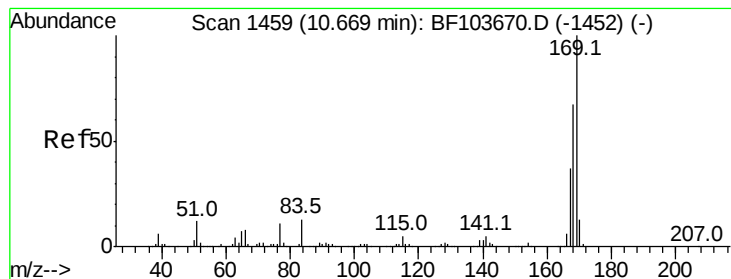
#64
4,6-Dinitro-2-methylphenol
Concen: 17.182 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion:198 Resp: 10207
Ion Ratio Lower Upper
198 100
51 41.1 37.7 77.7
105 43.2 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 46.018 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

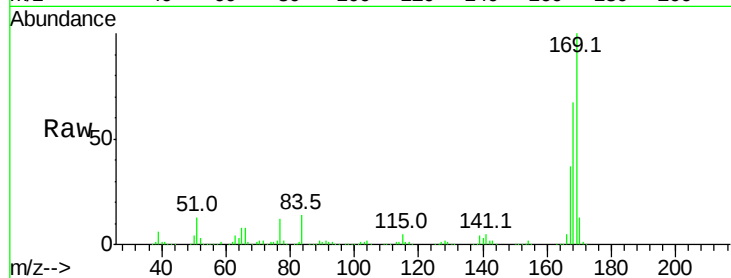
Tot Ion:169 Resp: 494684

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

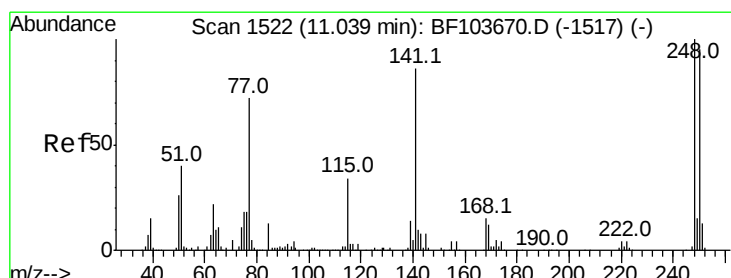
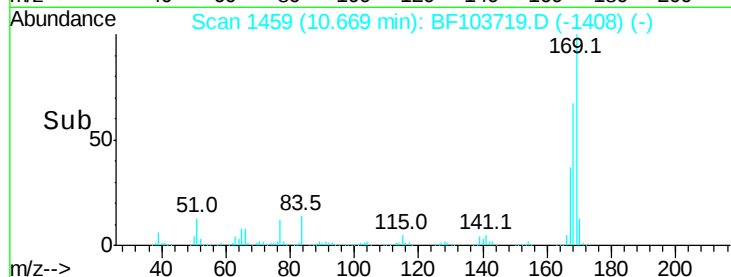
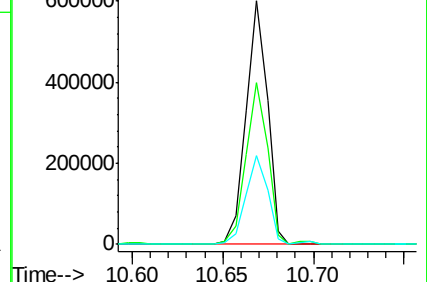
167 36.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.065 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

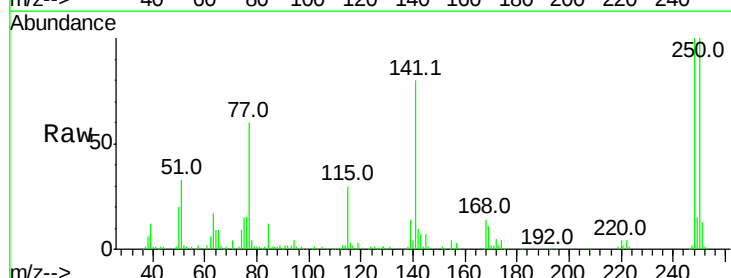
Tgt Ion:248 Resp: 142882

Ion Ratio Lower Upper

248 100

250 100.0 76.9 115.3

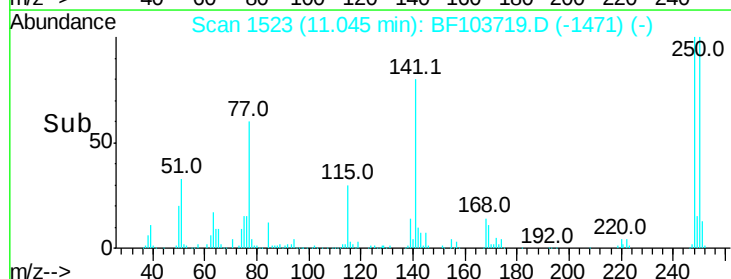
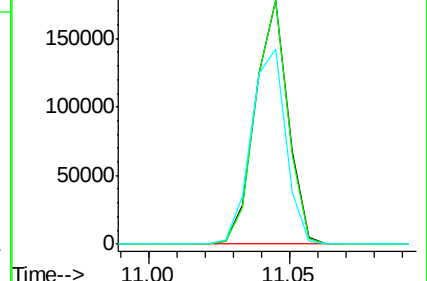
141 79.9 74.4 111.6

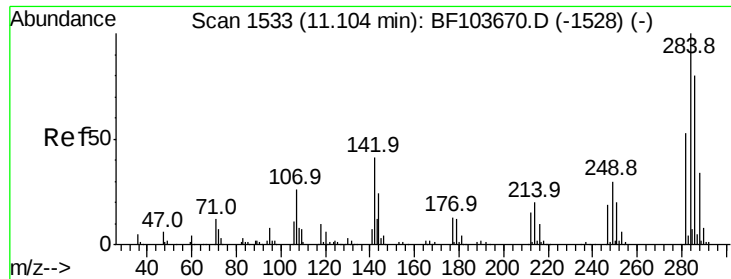


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

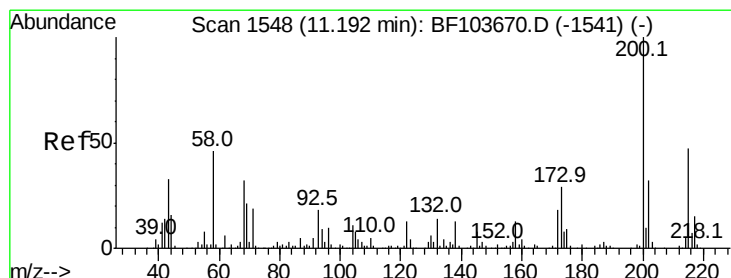
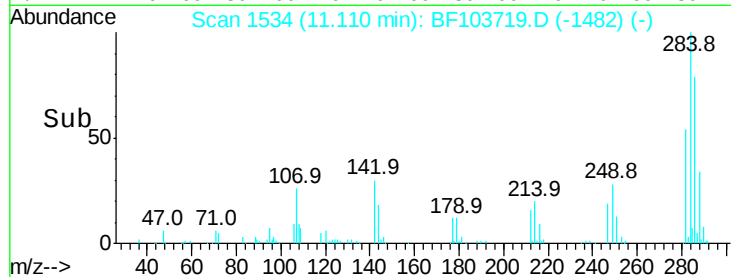
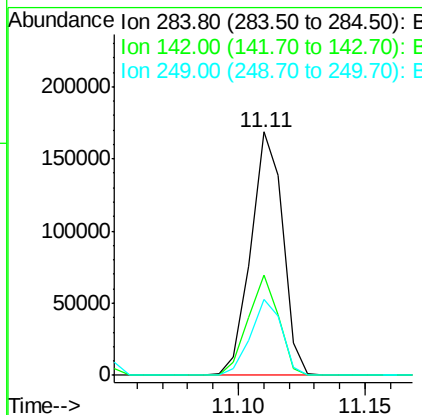
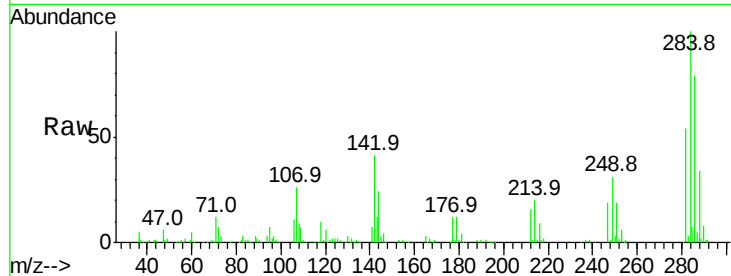




#67
Hexachlorobenzene
Concen: 40.095 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

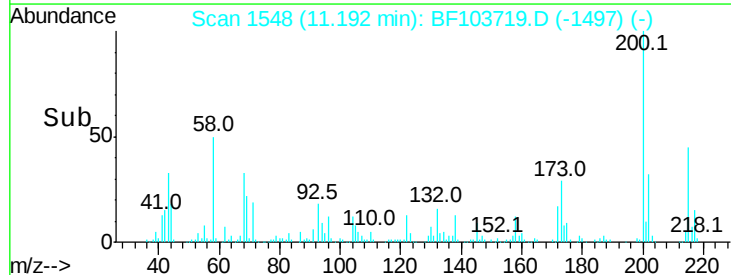
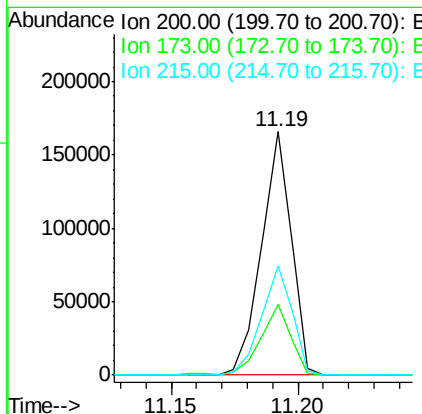
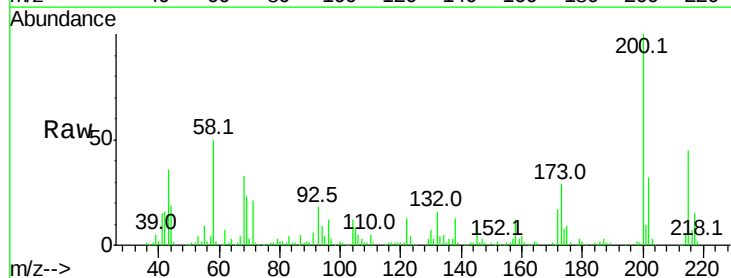
Instrument :
BNA_F
ClientSampleId :

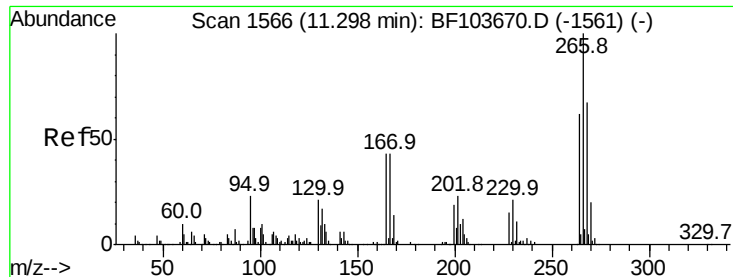
Tot Ion:284 Resp: 148385
Ion Ratio Lower Upper
284 100
142 41.3 34.6 52.0
249 31.0 24.8 37.2



#68
Atrazine
Concen: 41.203 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion:200 Resp: 137012
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 45.0 25.1 65.1





#69

Pentachlorophenol

Concen: 76.586 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampled :

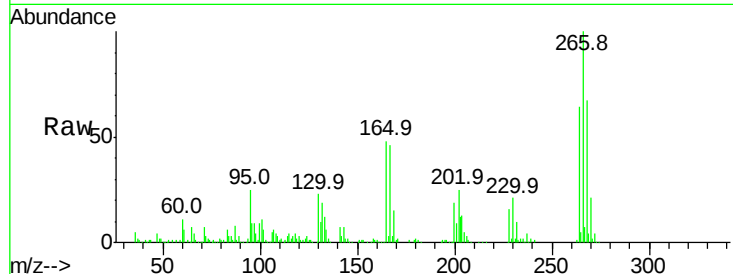
Tot Ion:266 Resp: 162951

Ion Ratio Lower Upper

266 100

268 67.2 51.1 76.7

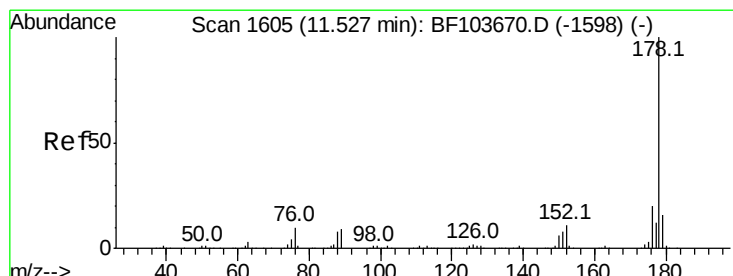
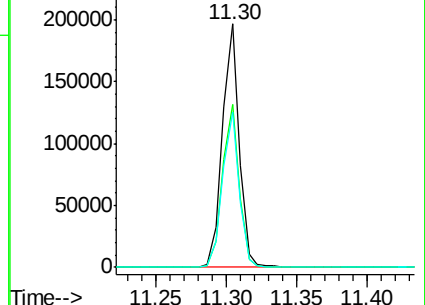
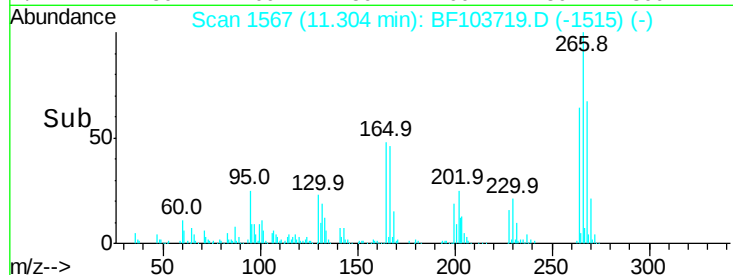
264 63.7 49.5 74.3



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: 45.888 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

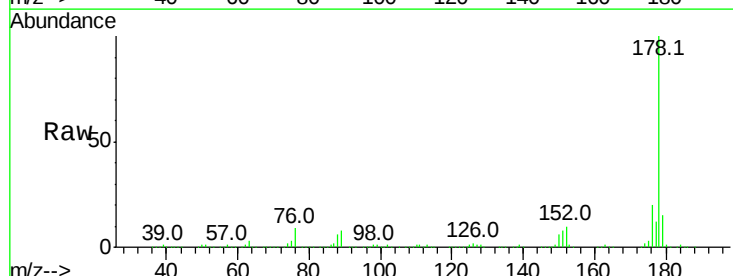
Tgt Ion:178 Resp: 792751

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

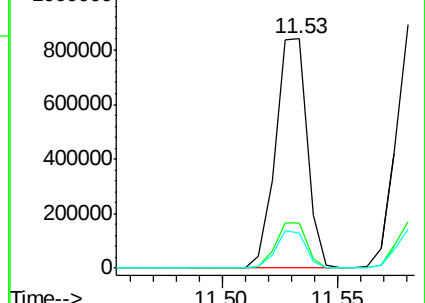
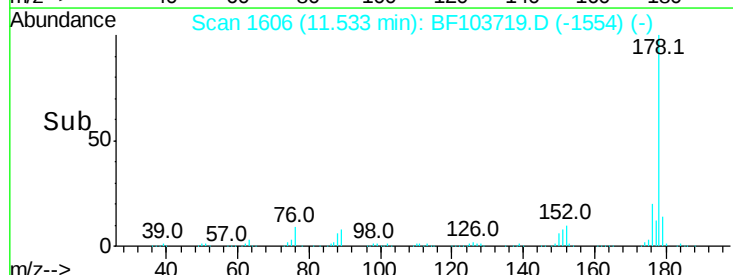
179 15.5 13.0 19.6

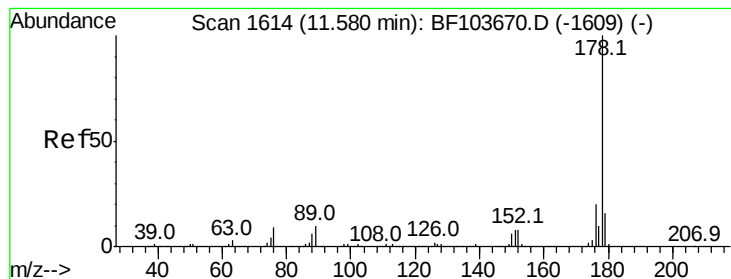


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.165 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

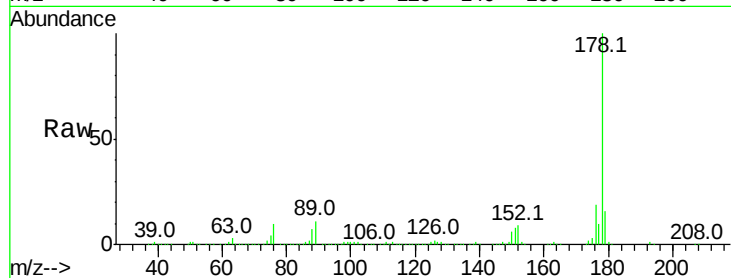
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 739839

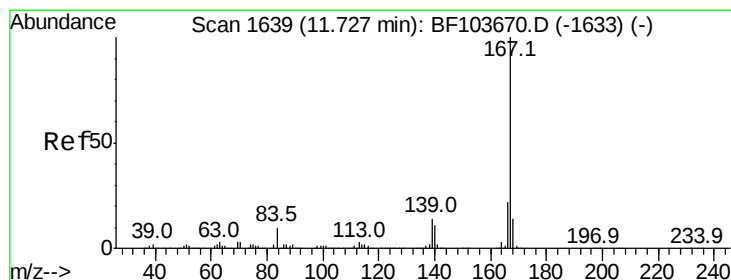
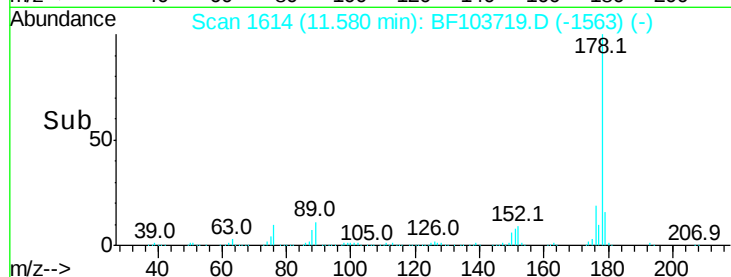
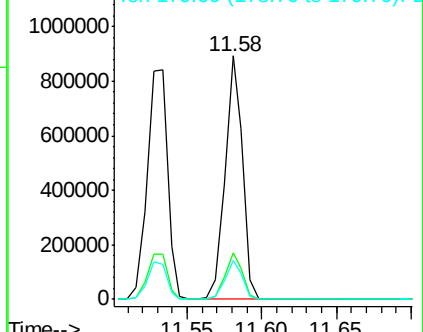
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.7	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.559 ng

RT: 11.73 min Scan# 1640

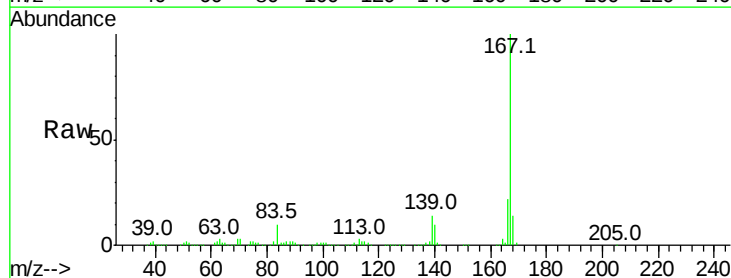
Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Tgt Ion:167 Resp: 691701

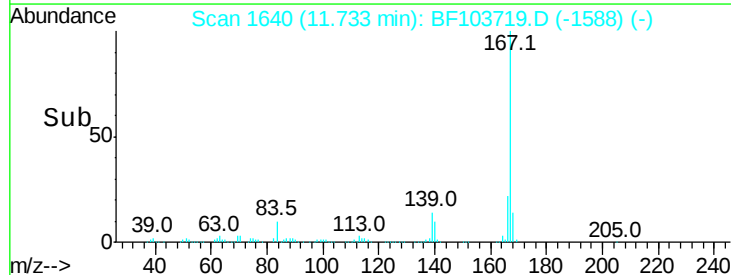
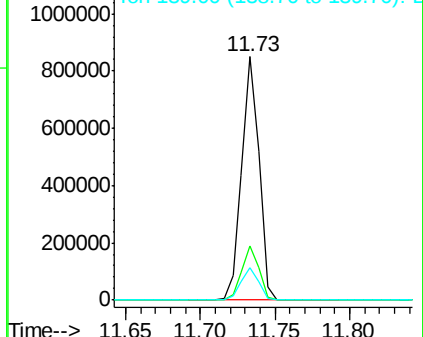
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.5	10.9	16.3

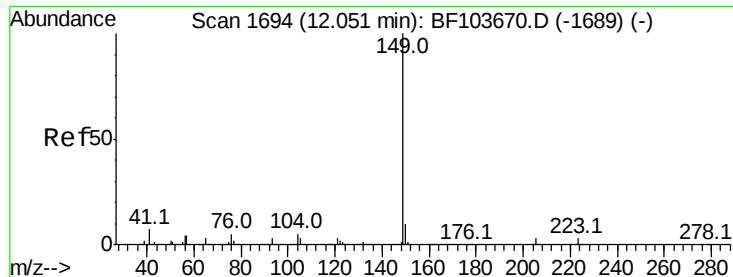


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.868 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

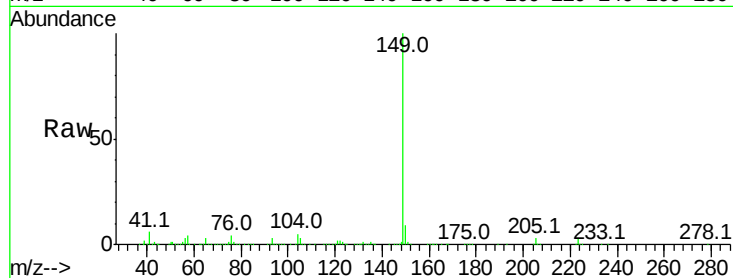
Tot Ion:149 Resp: 877200

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

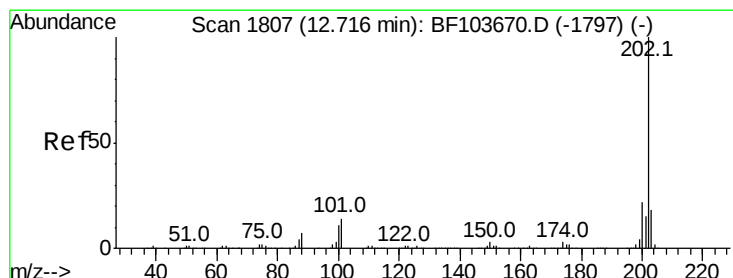
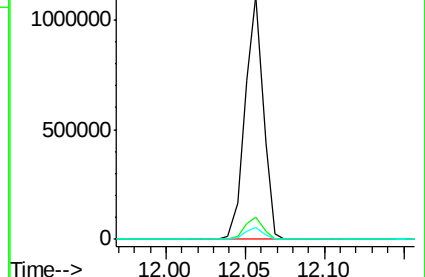
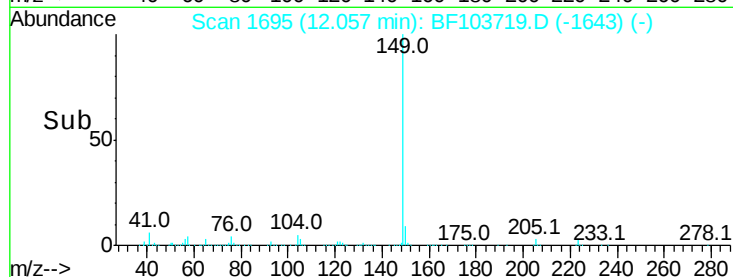
104 4.9 3.8 5.8



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: 46.853 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

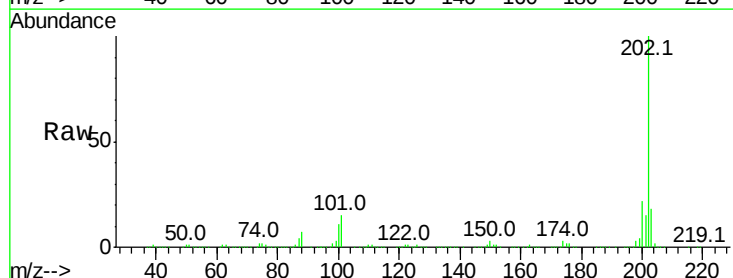
Tgt Ion:202 Resp: 833886

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

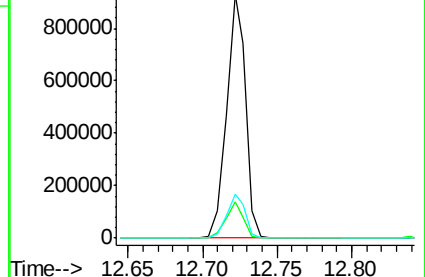
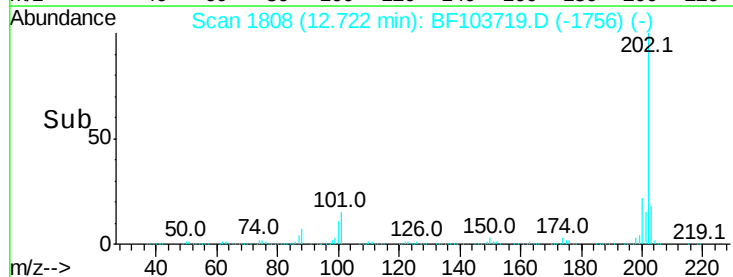
203 18.3 0.0 38.1

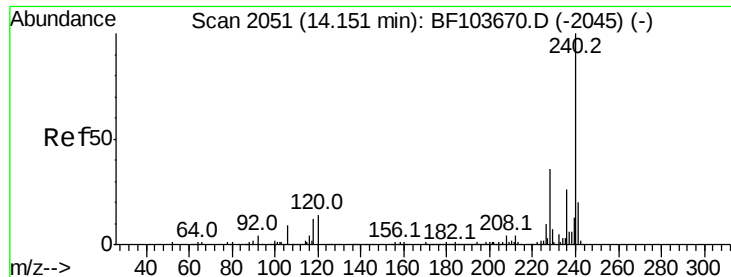


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

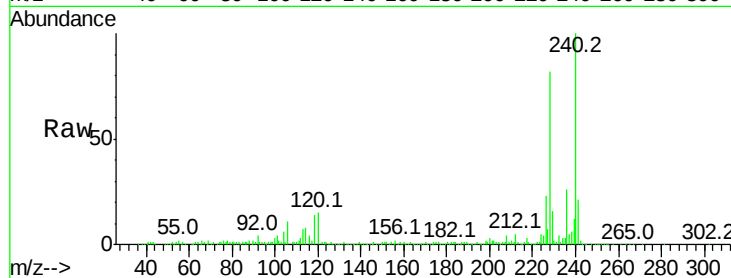
Tot Ion:240 Resp: 290689

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

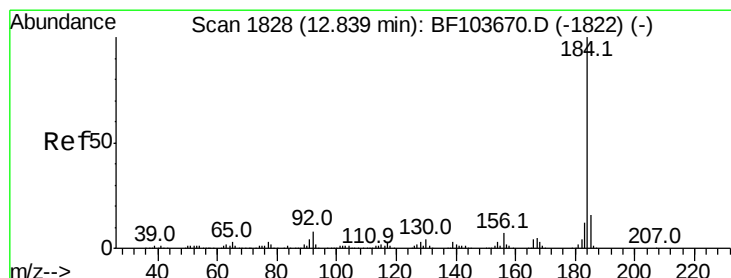
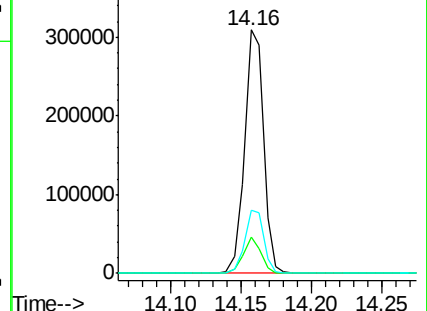
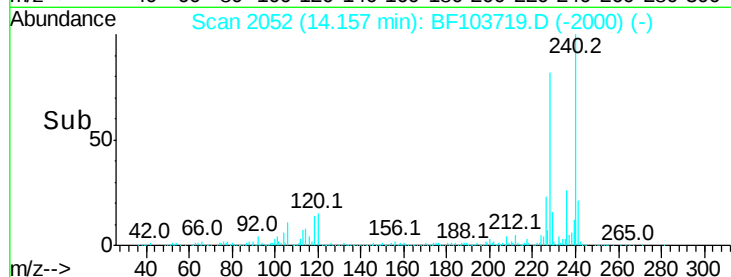
236 26.0 20.7 31.1



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: 39.614 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

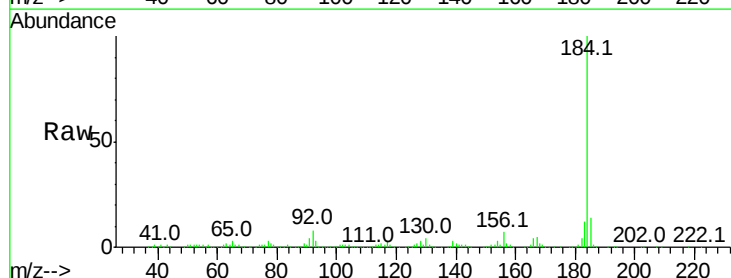
Tgt Ion:184 Resp: 491138

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

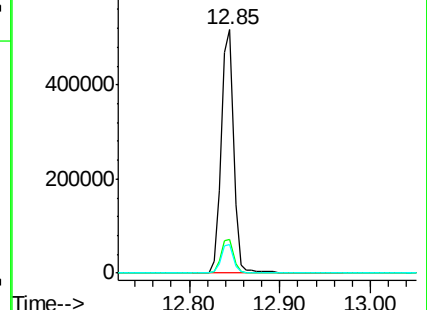
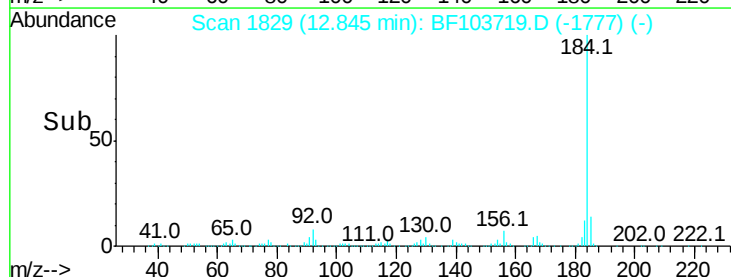
183 11.7 9.3 13.9

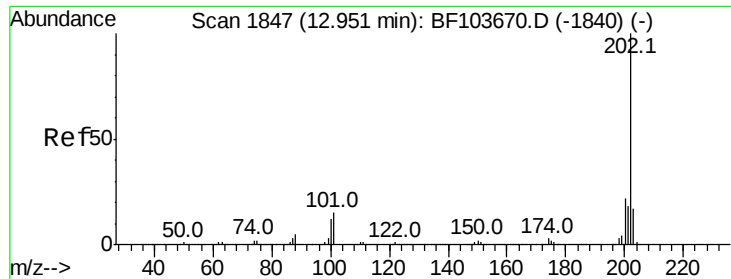


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.811 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

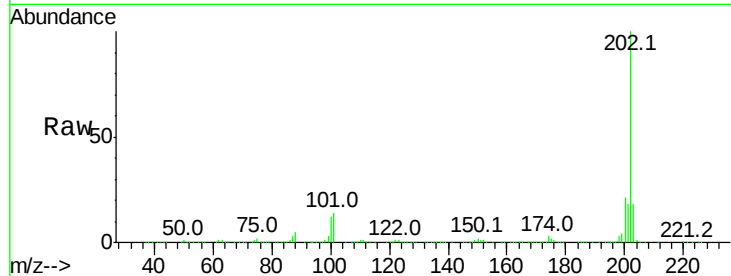
Tot Ion:202 Resp: 849876

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

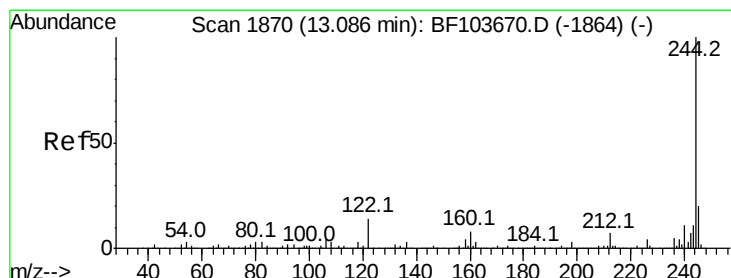
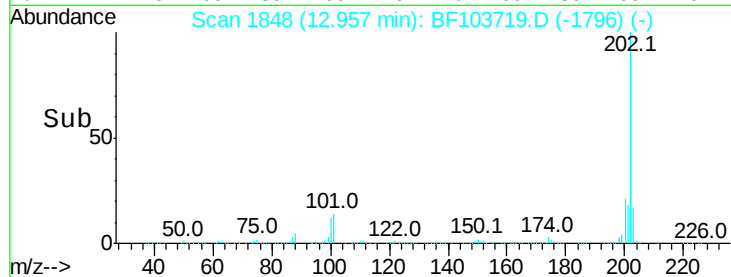
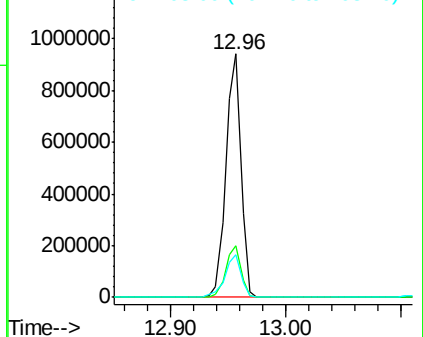
203 17.5 14.3 21.5



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: 75.520 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

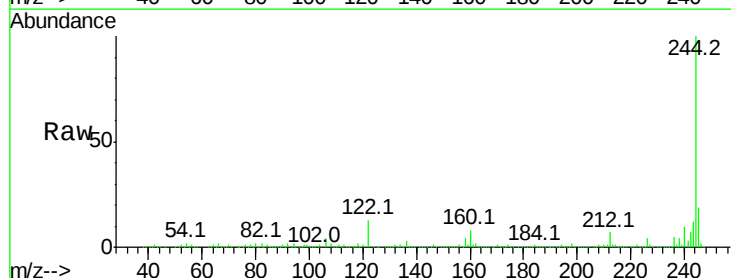
Tgt Ion:244 Resp: 945778

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

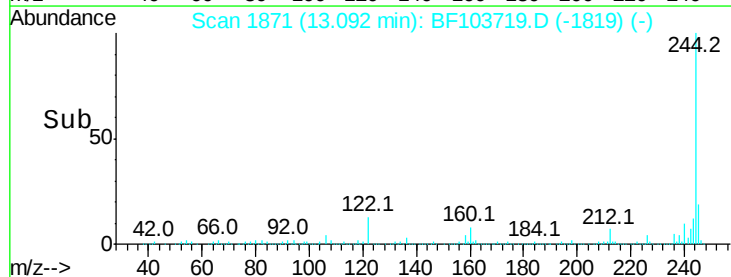
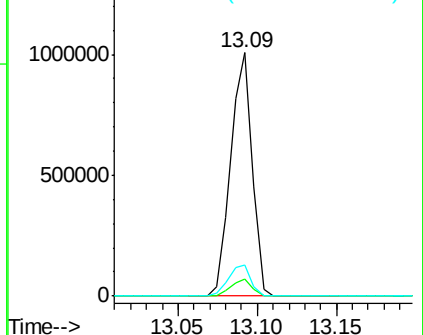
122 12.9 11.0 16.4

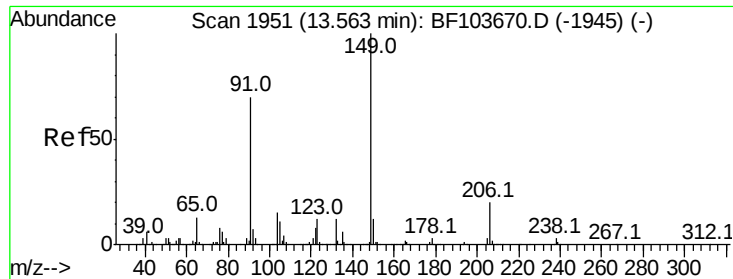


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

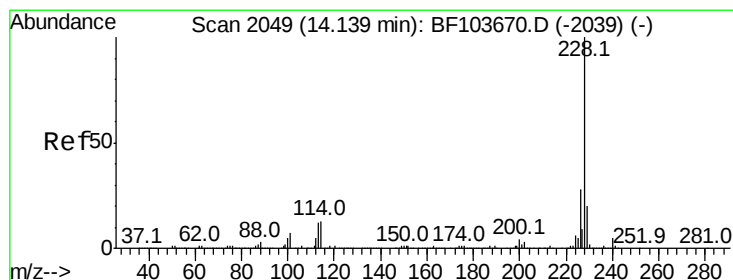
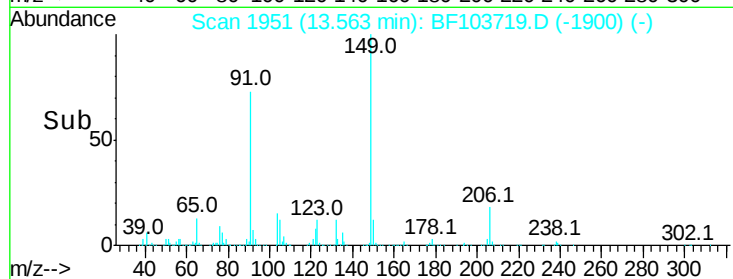
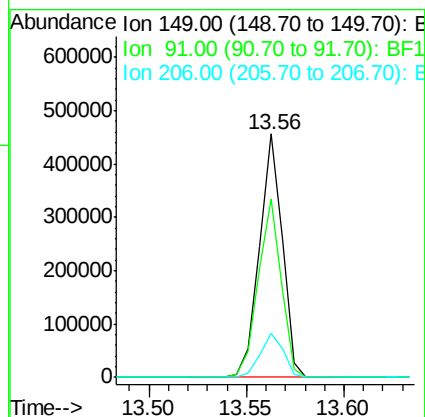
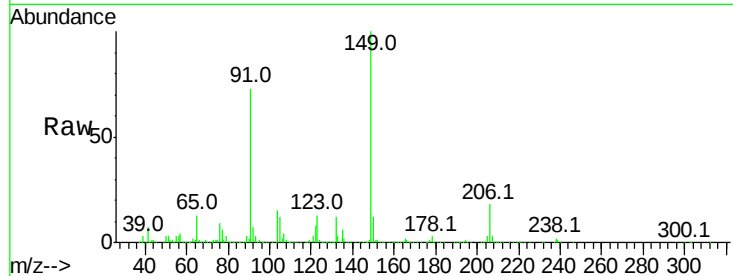




#79
Butylbenzylphthalate
Concen: 38.888 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

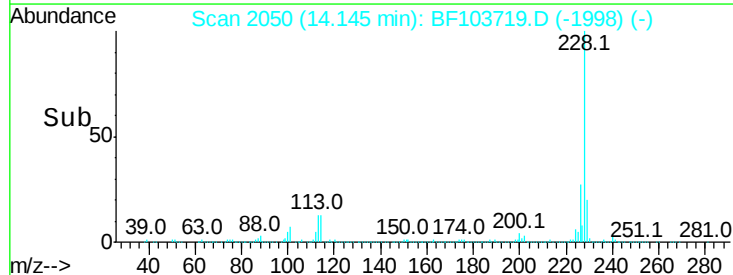
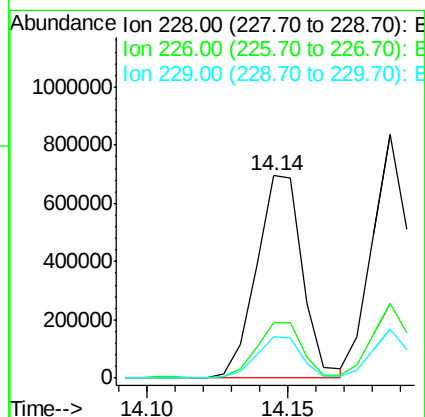
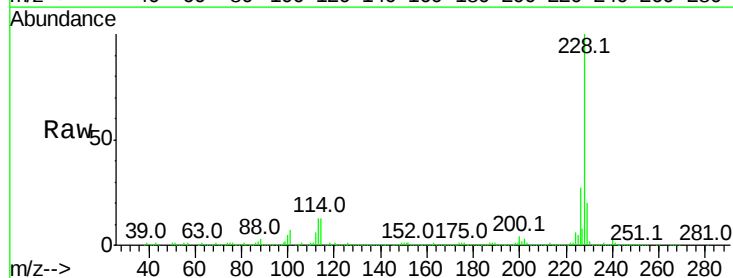
Instrument :
BNA_F
ClientSampleId :

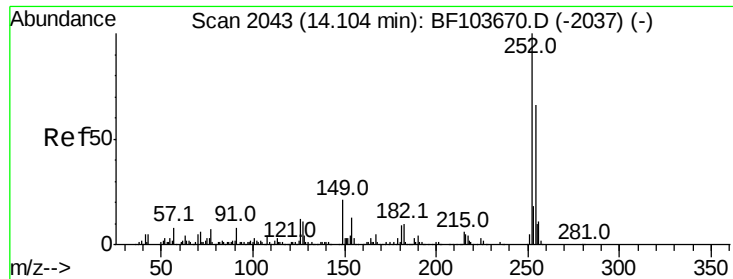
Tot Ion:149 Resp: 367814
Ion Ratio Lower Upper
149 100
91 73.0 56.8 85.2
206 18.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.540 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion:228 Resp: 782763
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.2 15.8 23.6

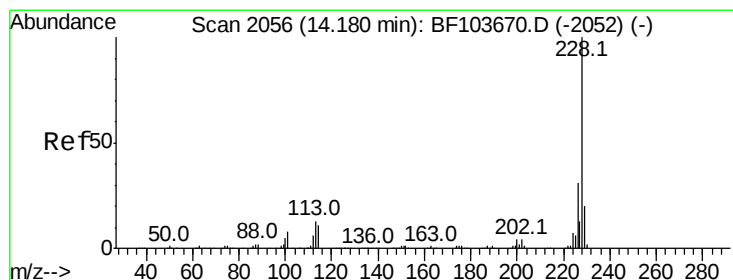
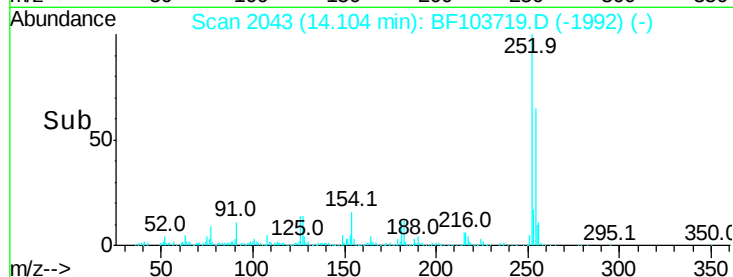
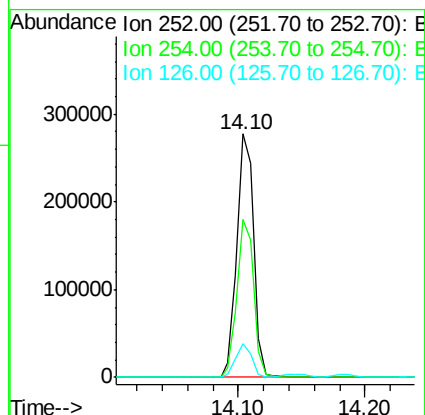
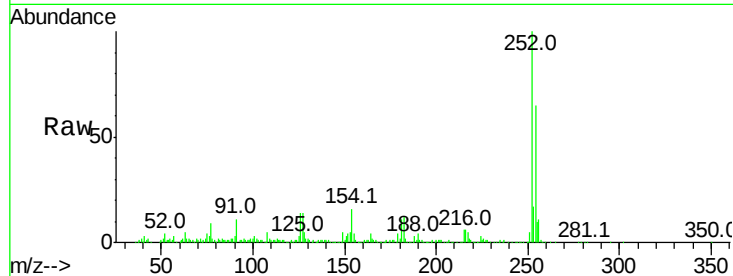




#81
 3,3'-Dichlorobenzidine
 Concen: 40.835 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

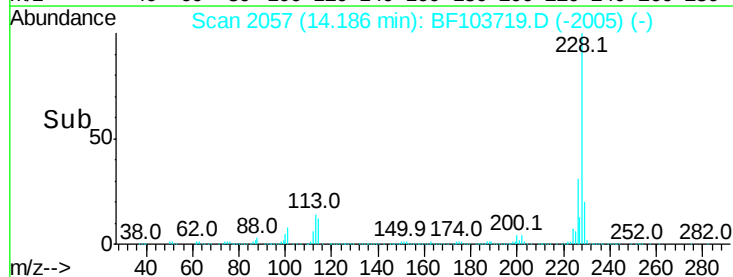
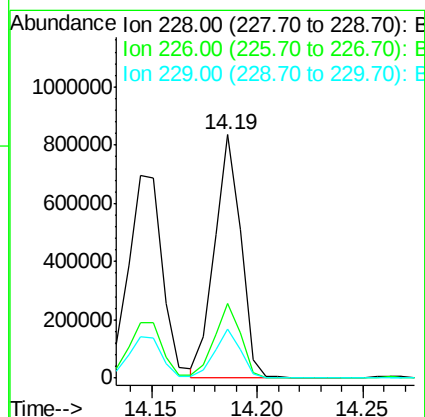
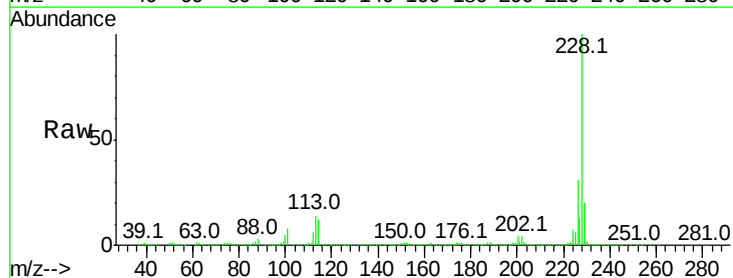
Instrument :
 BNA_F
 ClientSampleId :

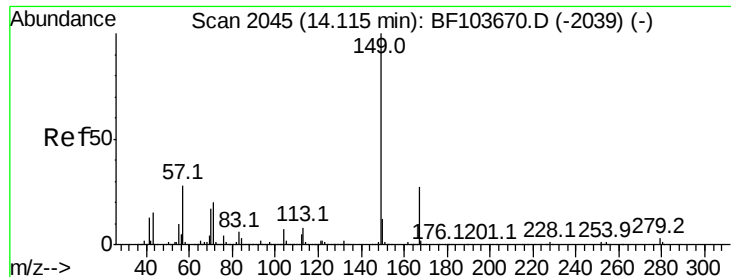
Tot Ion:252 Resp: 251337
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 14.0 11.3 16.9



#82
 Chrysene
 Concen: 41.349 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Tgt Ion:228 Resp: 725281
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.0 16.2 24.4

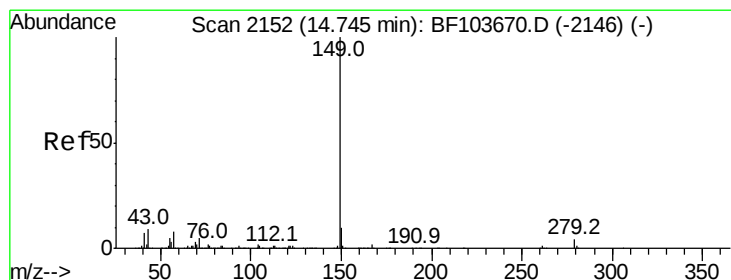
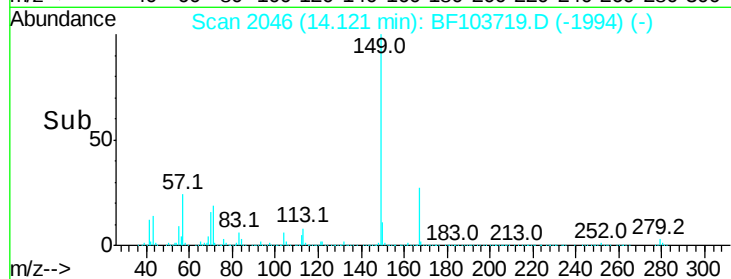
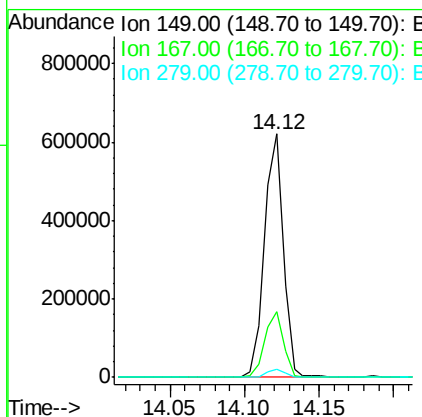
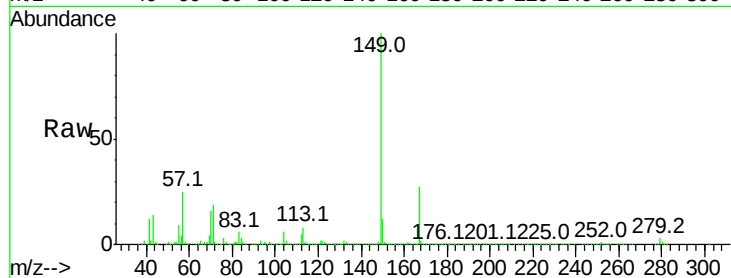




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.639 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

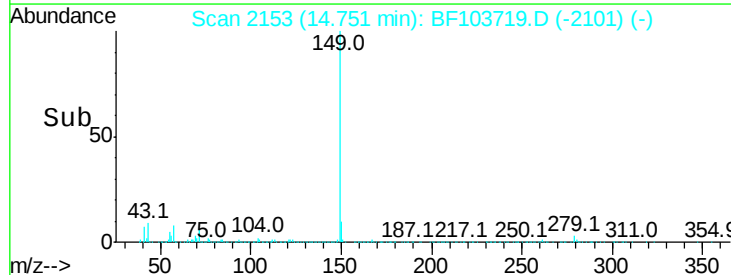
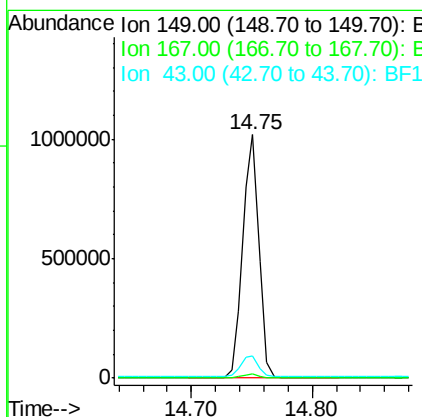
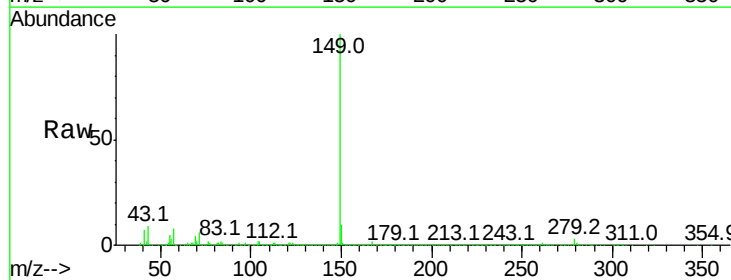
Instrument :
 BNA_F
 ClientSampleId :

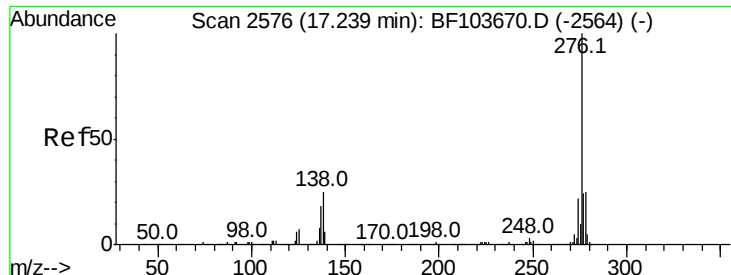
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 48.461 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.1	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.992 ng

RT: 17.27 min Scan# 2581

Delta R.T. 0.03 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

Instrument :

BNA_F

ClientSampleId :

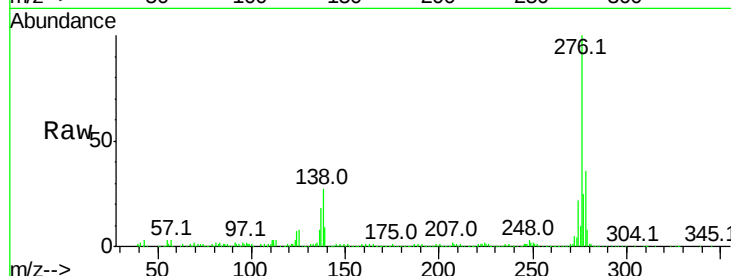
Tot Ion:276 Resp: 551327

Ion Ratio Lower Upper

276 100

138 29.5 25.0 37.6

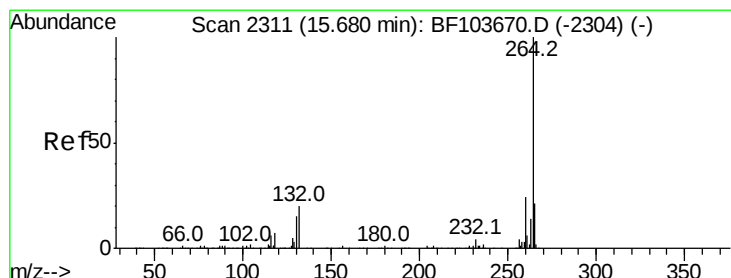
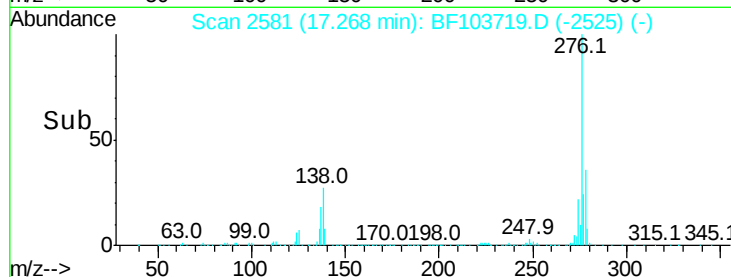
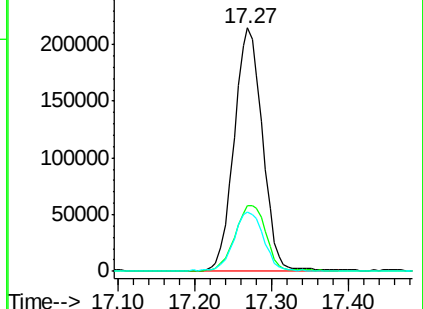
277 25.4 20.1 30.1



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: 15.70 min Scan# 2314

Delta R.T. 0.02 min

Lab File: BF103719.D

Acq: 17 Mar 2018 1:33

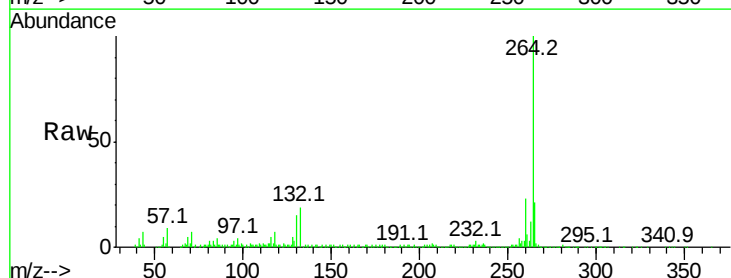
Tgt Ion:264 Resp: 248034

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

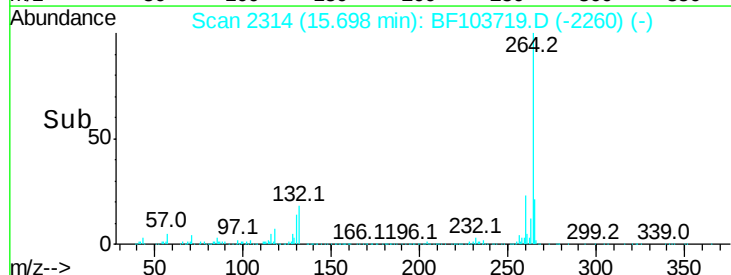
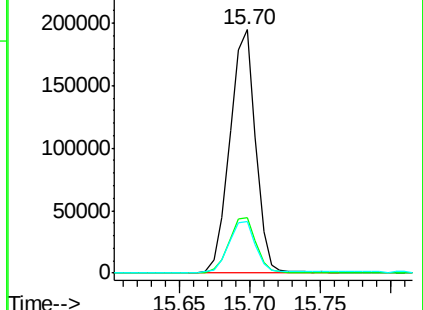
265 21.4 17.5 26.3

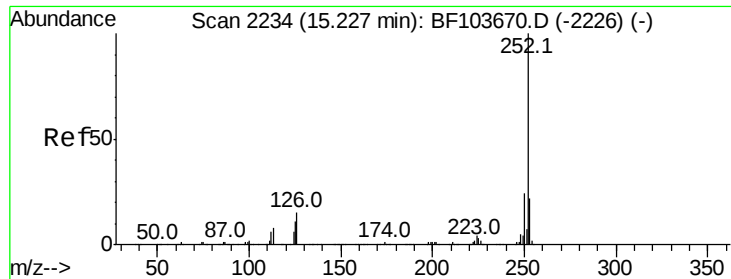


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

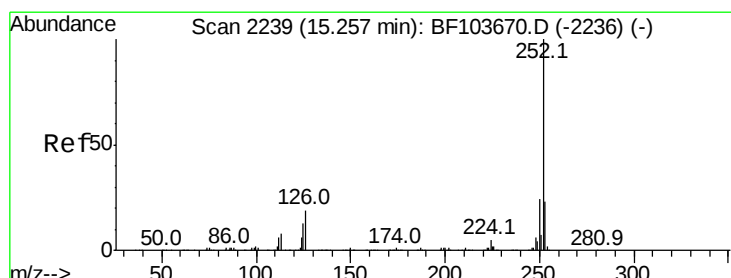
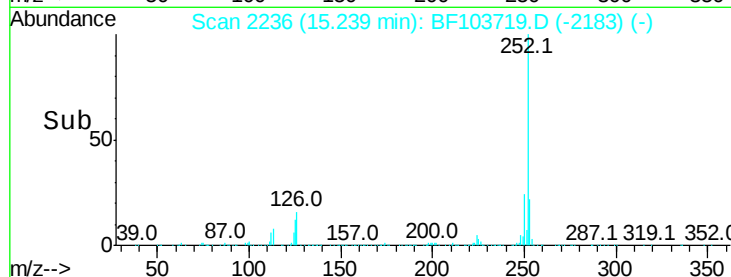
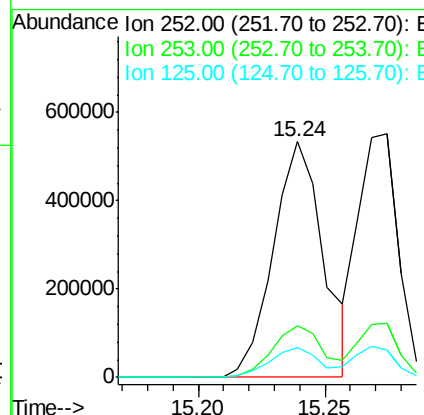
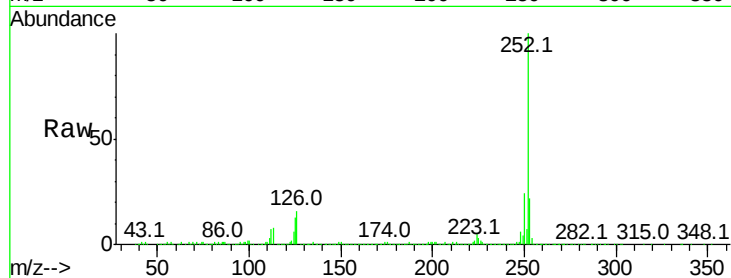




#87
Benzo(b)fluoranthene
Concen: 46.672 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

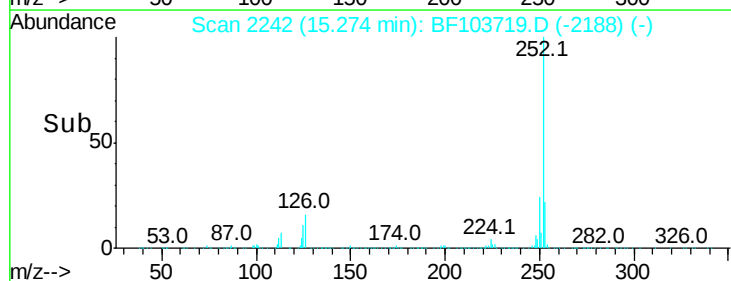
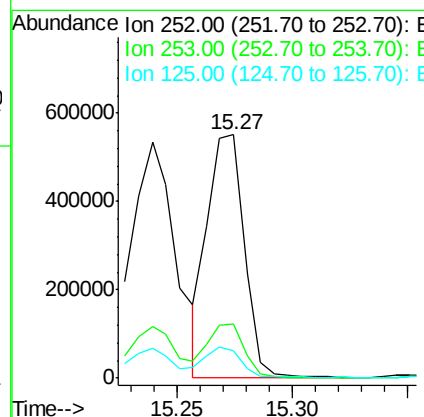
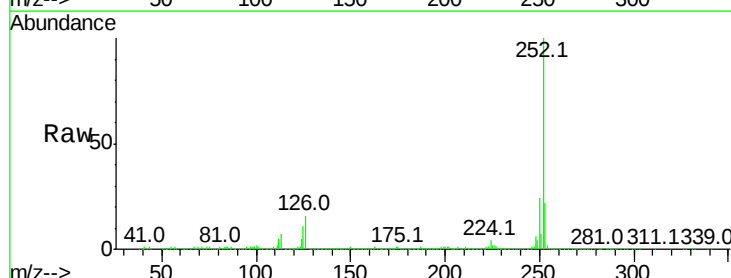
Instrument :
BNA_F
ClientSampleId :

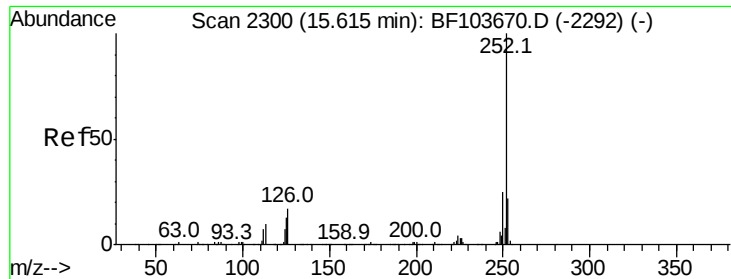
Tot Ion:252 Resp: 731363
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.221 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion:252 Resp: 605862
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 11.4 10.2 15.2

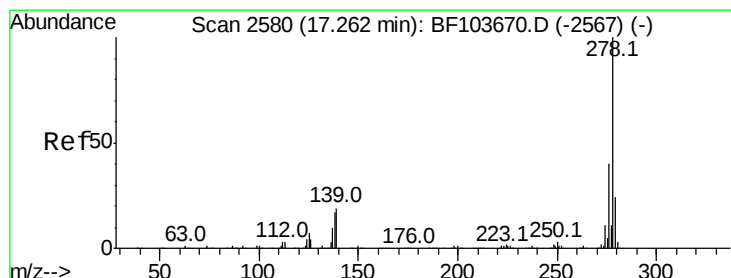
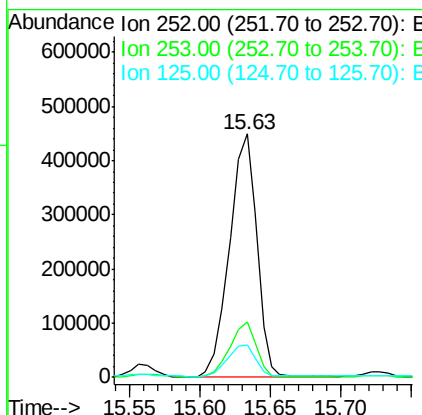
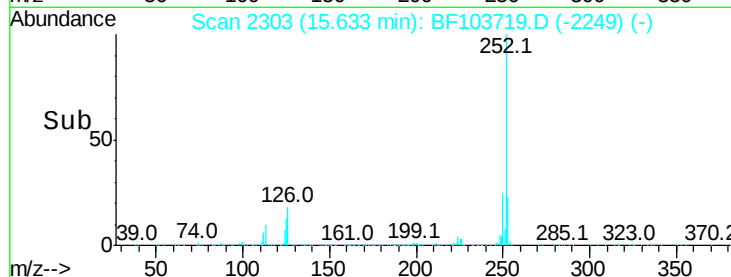
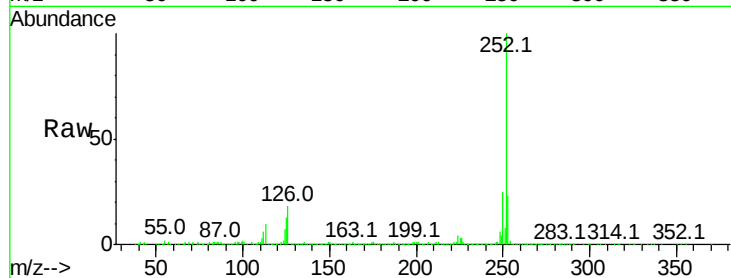




#89
Benzo(a)pyrene
Concen: 42.739 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

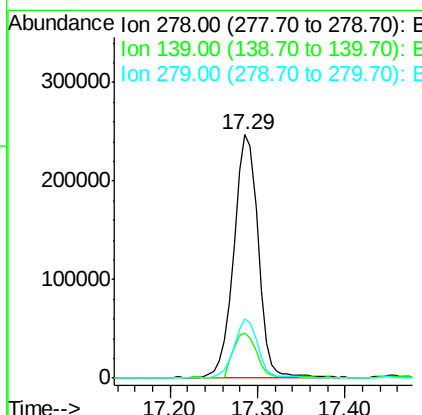
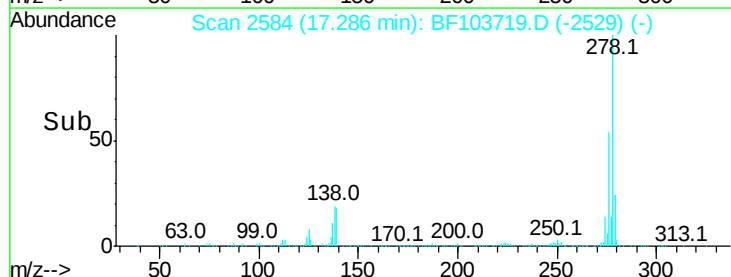
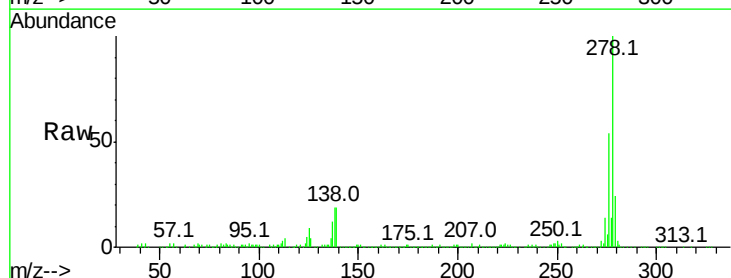
Instrument :
BNA_F
ClientSampleId :

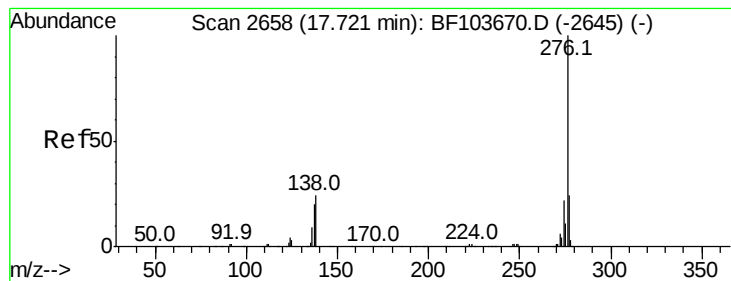
Tot Ion:252 Resp: 607446
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 13.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 37.266 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BF103719.D
Acq: 17 Mar 2018 1:33

Tgt Ion:278 Resp: 458636
Ion Ratio Lower Upper
278 100
139 18.8 15.9 23.9
279 24.4 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.285 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. 0.03 min
 Lab File: BF103719.D
 Acq: 17 Mar 2018 1:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 446412
 Ion Ratio Lower Upper
 276 100
 277 23.1 17.9 26.9
 138 25.2 21.8 32.8

