

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103721.D
 Acq On : 17 Mar 2018 2:26
 Operator : JU/SJ
 Sample : J1915-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 17 03:24:36 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	168375	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	668465	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	278848	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	401451	20.00	ng	0.00
75) Chrysene-d12	14.16	240	303366	20.00	ng	0.00
86) Perylene-d12	15.69	264	242169	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1282868	115.89	ng	0.02
7) Phenol-d6	6.60	99	1588952	117.32	ng	0.01
23) Nitrobenzene-d5	7.54	82	991715	103.46	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	285389	119.03	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1512953	86.55	ng	0.00
78) Terphenyl-d14	13.09	244	1089603	83.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	151865	27.860	ng	93
3) Pyridine	3.70	79	43946	2.931	ng	89
4) n-Nitrosodimethylamine	3.59	42	199233	36.040	ng	88
6) Aniline	6.63	93	65673	3.396	ng	97
8) 2-Chlorophenol	6.76	128	426402	36.770	ng	92
9) Benzaldehyde	6.52	77	190775	21.441	ng	98
10) Phenol	6.61	94	539847	37.512	ng	99
11) bis(2-Chloroethyl)ether	6.71	93	440898	37.111	ng	94
12) 1,3-Dichlorobenzene	6.92	146	441203	33.405	ng	99
13) 1,4-Dichlorobenzene	6.99	146	445366	33.557	ng	99
14) 1,2-Dichlorobenzene	7.15	146	410124	33.301	ng	100
15) Benzyl Alcohol	7.11	79	366285	34.906	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	581953	34.440	ng	95
17) 2-Methylphenol	7.22	107	350097	33.901	ng	99
18) Hexachloroethane	7.49	117	129248	27.685	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	290469	33.466	ng	95
20) 3+4-Methylphenols	7.37	107	430037	32.813	ng	92
22) Acetophenone	7.38	105	575019	33.470	ng	# 95
24) Nitrobenzene	7.56	77	442778	39.345	ng	98
25) Isophorone	7.79	82	815355	36.744	ng	99
26) 2-Nitrophenol	7.87	139	180956	43.392	ng	97
27) 2,4-Dimethylphenol	7.90	122	356164	37.466	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	530401	39.473	ng	99
29) 2,4-Dichlorophenol	8.11	162	327642	37.883	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	343802	34.273	ng	98
31) Naphthalene	8.28	128	1155194	34.210	ng	99
32) Benzoic acid	7.95	122	15535	11.743	ng	98
33) 4-Chloroaniline	8.33	127	153586	10.841	ng	98
34) Hexachlorobutadiene	8.39	225	184246	33.500	ng	99
35) Caprolactam	8.68	113	27179	9.126	ng	94
36) 4-Chloro-3-methylphenol	8.79	107	344704	36.153	ng	94
37) 2-Methylnaphthalene	8.97	142	738851	34.504	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	305246	38.371	ng	99
40) Hexachlorocyclopentadiene	9.12	237	55879	13.613	ng	99

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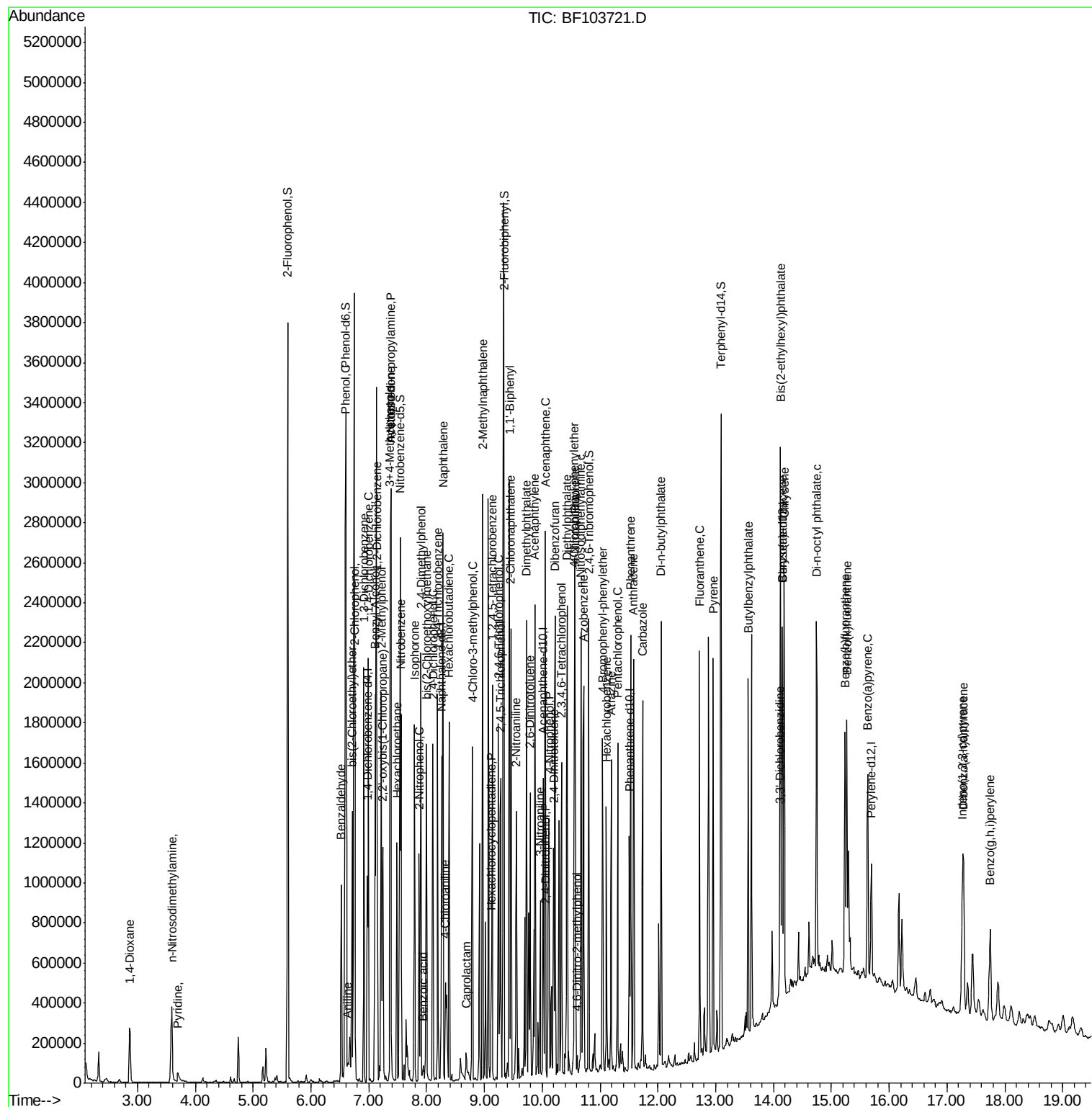
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	209535	41.179	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	217424	37.858	ng	95
45) 1,1'-Biphenyl	9.43	154	849418	36.531	ng	99
46) 2-Chloronaphthalene	9.46	162	659951	35.735	ng	98
47) 2-Nitroaniline	9.55	65	218496	45.620	ng	95
48) Acenaphthylene	9.87	152	973772	34.003	ng	100
49) Dimethylphthalate	9.73	163	902845	42.438	ng	100
50) 2,6-Dinitrotoluene	9.79	165	155973	38.737	ng	97
51) Acenaphthene	10.05	154	567631	33.381	ng	99
52) 3-Nitroaniline	9.96	138	134349	28.888	ng	98
53) 2,4-Dinitrophenol	10.06	184	5398	15.118	ng	# 51
54) Dibenzofuran	10.22	168	849809	34.992	ng	99
55) 4-Nitrophenol	10.12	139	244101	63.747	ng	93
56) 2,4-Dinitrotoluene	10.20	165	187597	37.536	ng	93
57) Fluorene	10.56	166	627625	33.304	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	153496	37.719	ng	98
59) Diethylphthalate	10.43	149	756657	35.834	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	310060	36.001	ng	98
61) 4-Nitroaniline	10.57	138	141328	31.195	ng	98
62) Azobenzene	10.72	77	711053	33.122	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	8555	14.234	ng	90
65) n-Nitrosodiphenylamine	10.67	169	564392	41.303	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	171617	41.636	ng	93
67) Hexachlorobenzene	11.12	284	174729	37.141	ng	# 88
68) Atrazine	11.19	200	169345	40.062	ng	100
69) Pentachlorophenol	11.30	266	160470	59.331	ng	97
70) Phenanthrene	11.53	178	787879	35.877	ng	99
71) Anthracene	11.59	178	807125	36.187	ng	99
72) Carbazole	11.73	167	708482	32.681	ng	99
73) Di-n-butylphthalate	12.06	149	1045397	40.189	ng	99
74) Fluoranthene	12.72	202	756660	33.445	ng	99
77) Pyrene	12.96	202	766022	34.383	ng	99
79) Butylbenzylphthalate	13.56	149	384946	38.999	ng	99
80) Benzo(a)anthracene	14.14	228	695439	36.215	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	62549	9.738	ng	98
82) Chrysene	14.19	228	647254	35.359	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	776982	55.100	ng	100
84) Di-n-octyl phthalate	14.74	149	892123	43.487	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	498328	31.173	ng	97
87) Benzo(b)fluoranthene	15.24	252	601709	39.328	ng	98
88) Benzo(k)fluoranthene	15.27	252	571909	38.887	ng	99
89) Benzo(a)pyrene	15.63	252	526258	37.923	ng	# 96
90) Dibenzo(a,h)anthracene	17.29	278	413058	34.376	ng	99
91) Benzo(g,h,i)perylene	17.75	276	403480	34.516	ng	96

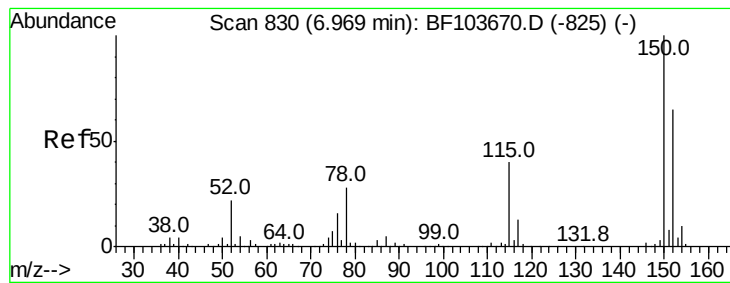
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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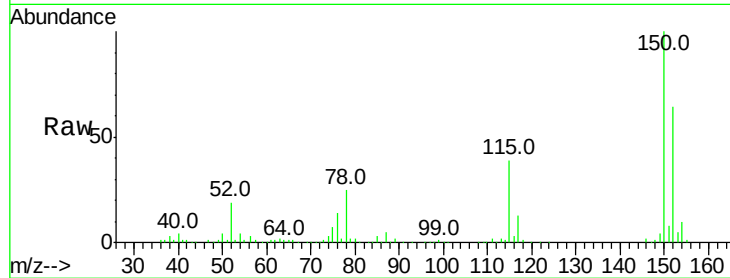


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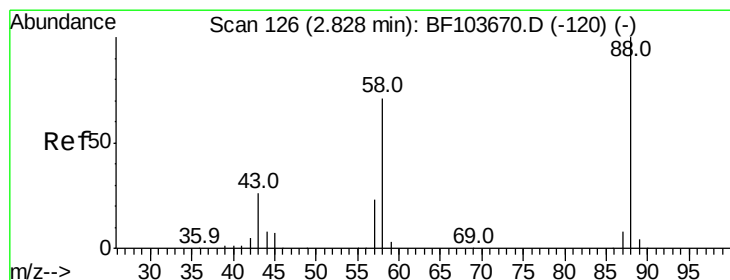
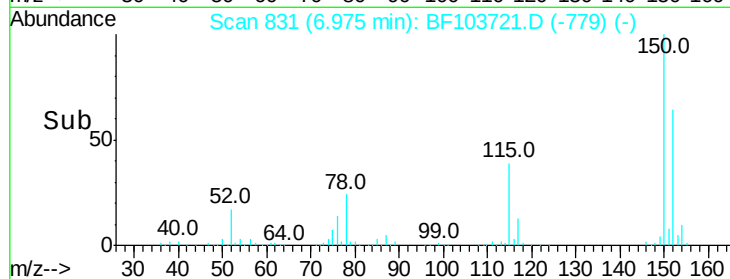
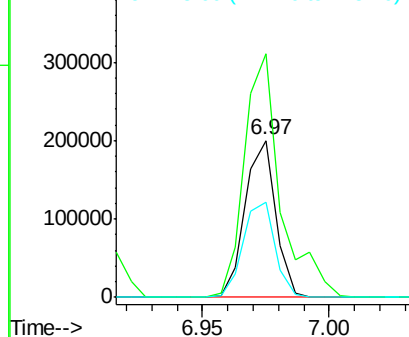
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168375
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.9 50.1 75.1



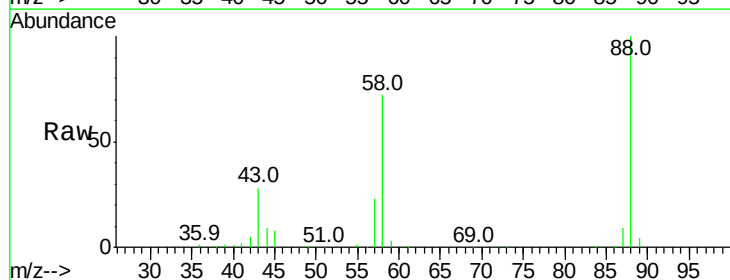
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



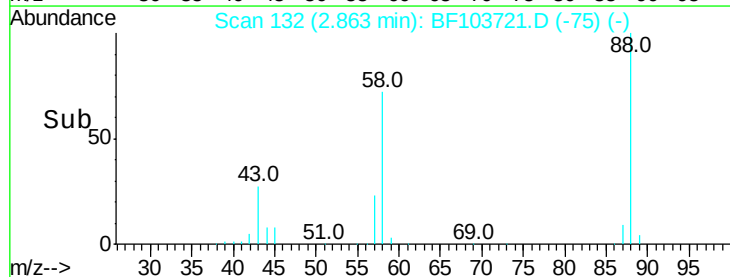
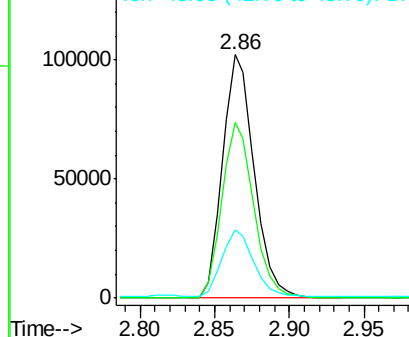
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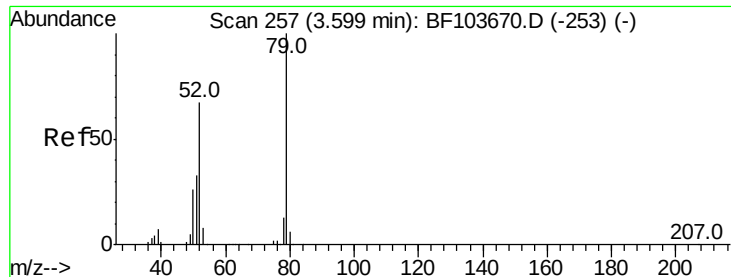
1,4-Dioxane
Concen: 27.860 ng
RT: 2.86 min Scan# 132
Delta R.T. 0.04 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion: 88 Resp: 151865
Ion Ratio Lower Upper
88 100
58 72.3 62.6 93.8
43 27.5 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: 2.931 ng

RT: 3.70 min Scan# 274

Delta R.T. 0.10 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

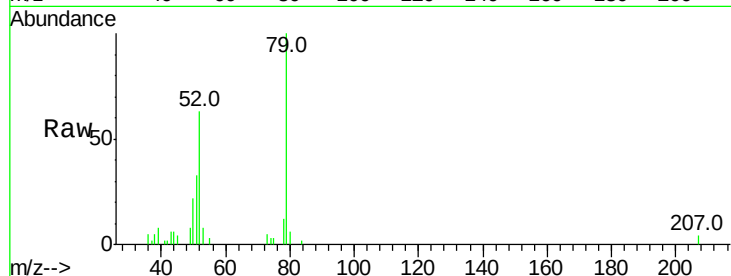
Tot Ion: 79 Resp: 43946

Ion Ratio Lower Upper

79 100

52 63.4 59.8 89.6

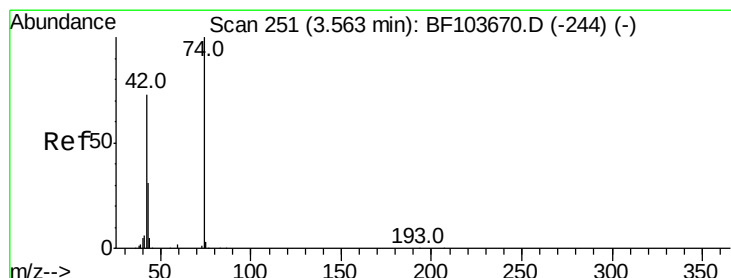
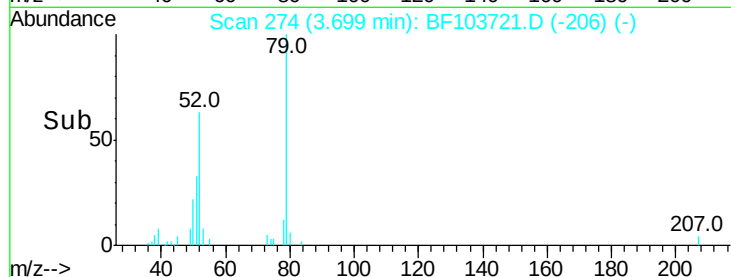
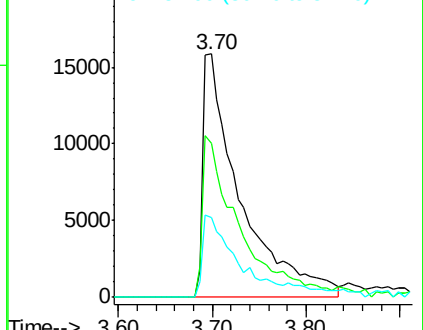
51 32.8 29.8 44.8



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: 36.040 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.03 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

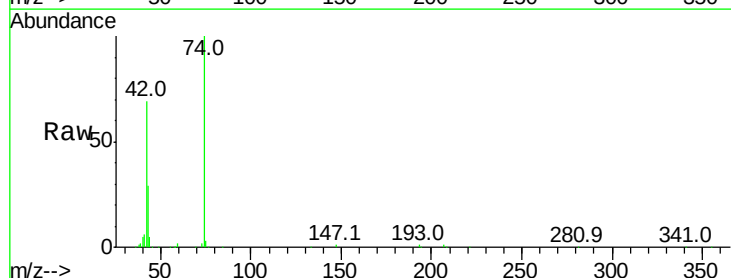
Tgt Ion: 42 Resp: 199233

Ion Ratio Lower Upper

42 100

74 145.8 104.9 157.3

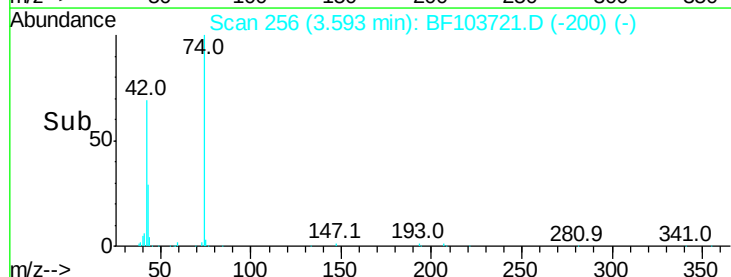
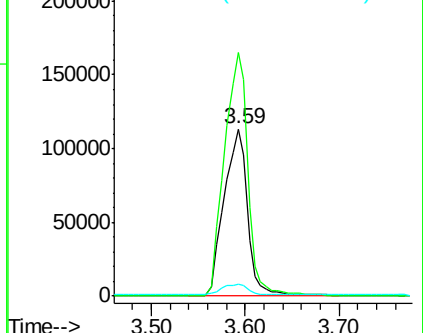
44 7.2 6.9 10.3

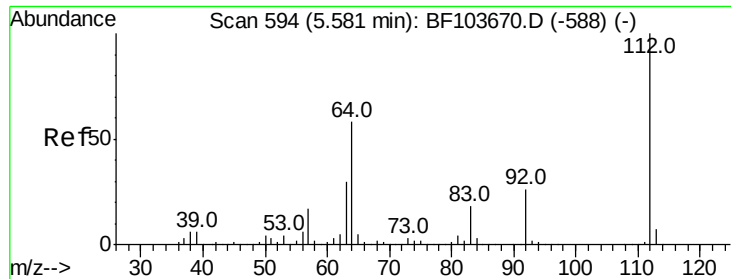


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

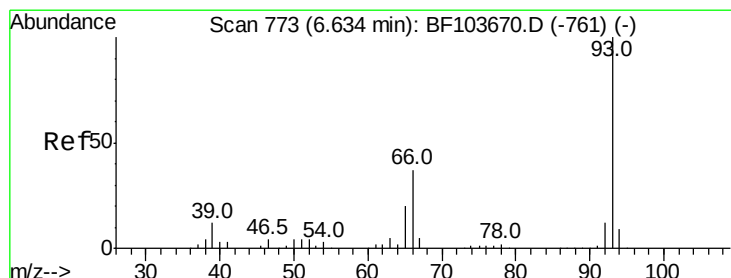
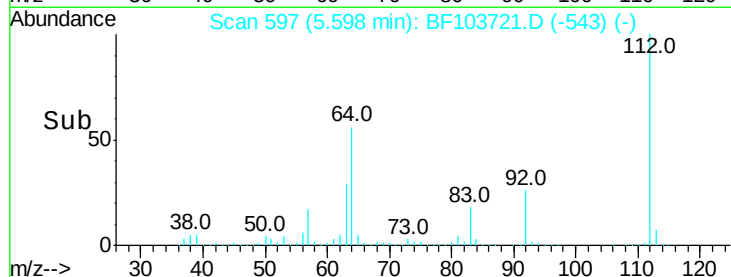
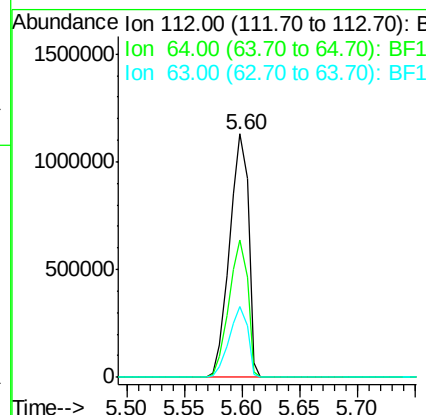
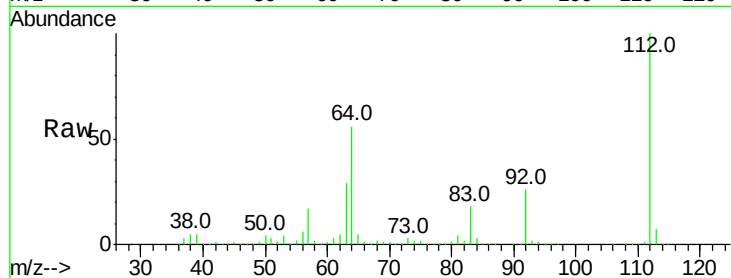




#5
 2-Fluorophenol
 Concen: 115.886 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.02 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

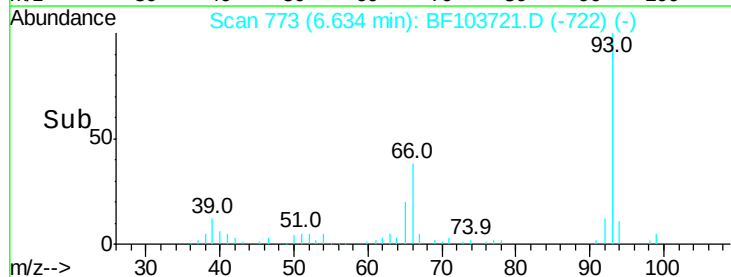
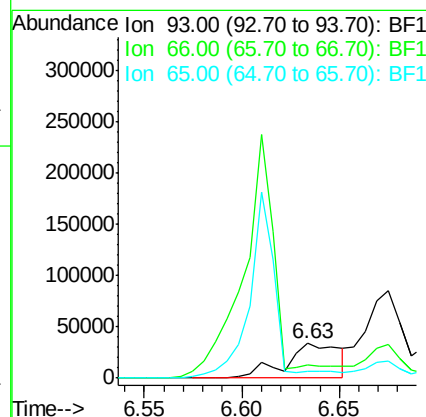
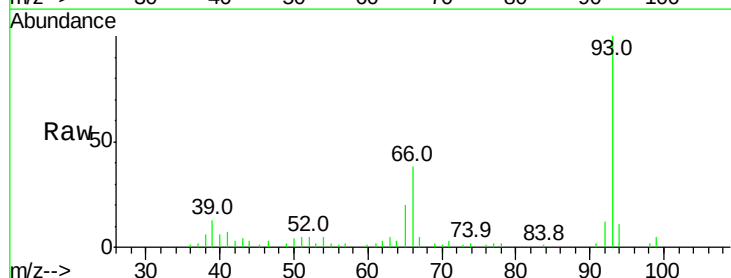
Instrument :
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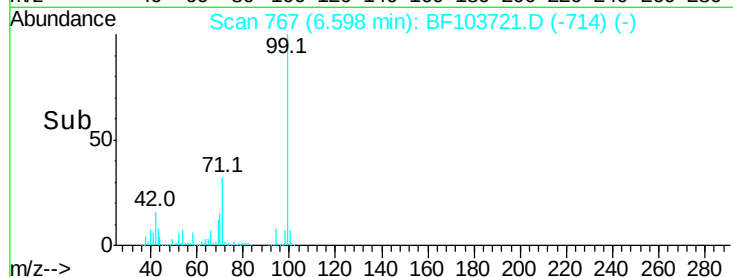
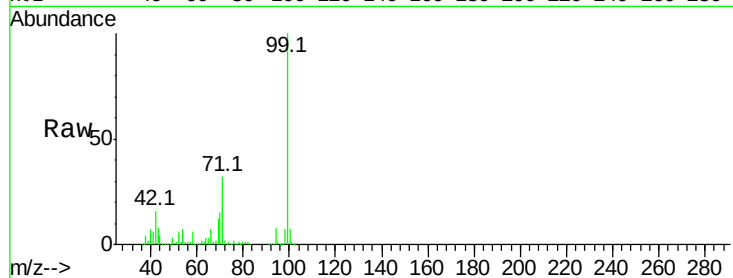
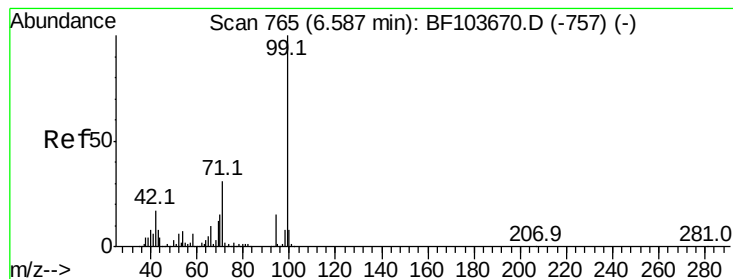
Tot Ion:112 Resp: 1282868
 Ion Ratio Lower Upper
 112 100
 64 56.3 47.9 71.9
 63 28.9 23.7 35.5



#6
 Aniline
 Concen: 3.396 ng
 RT: 6.63 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion: 93 Resp: 65673
 Ion Ratio Lower Upper
 93 100
 66 37.6 32.2 48.2
 65 19.8 16.4 24.6





#7

Phenol-d6

Concen: 117.323 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

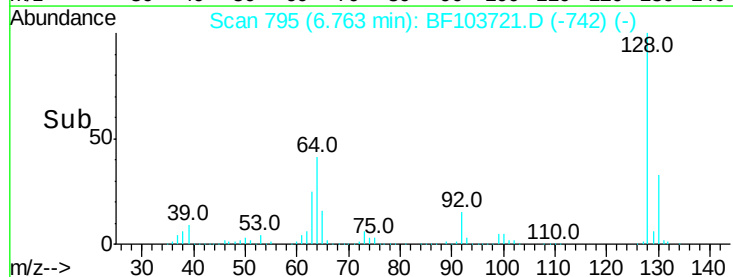
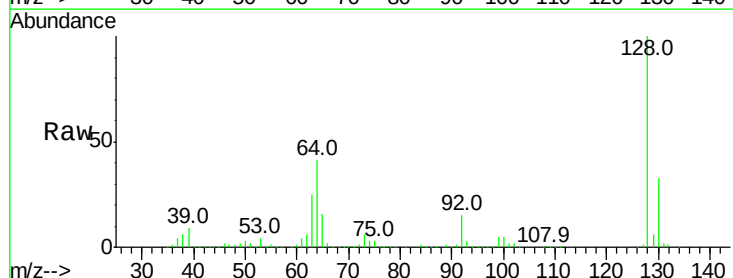
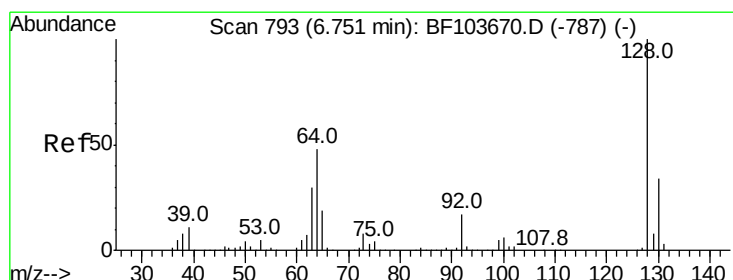
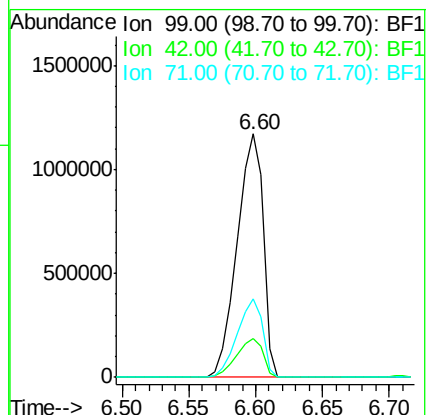
Tot Ion: 99 Resp: 1588952

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 32.1 25.4 38.0



#8

2-Chlorophenol

Concen: 36.770 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

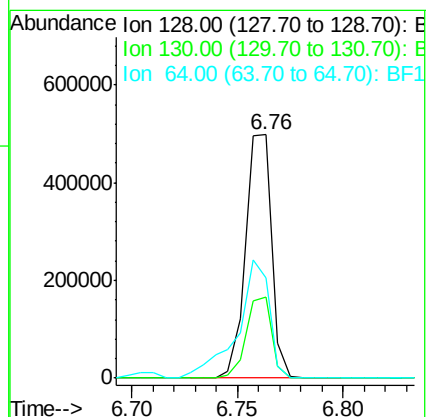
Tgt Ion: 128 Resp: 426402

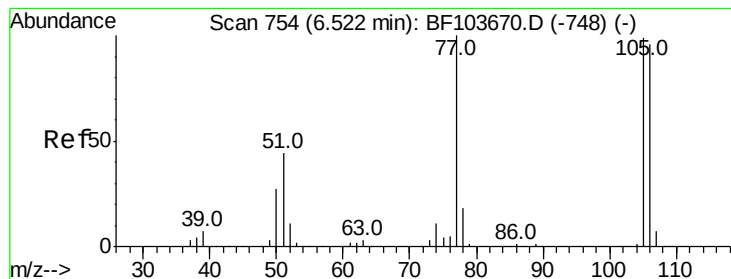
Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

64 41.0 29.4 69.4





#9

Benzaldehyde

Concen: 21.441 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

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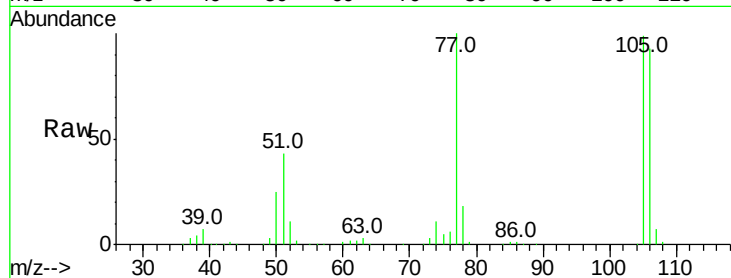
Tot Ion: 77 Resp: 190775

Ion Ratio Lower Upper

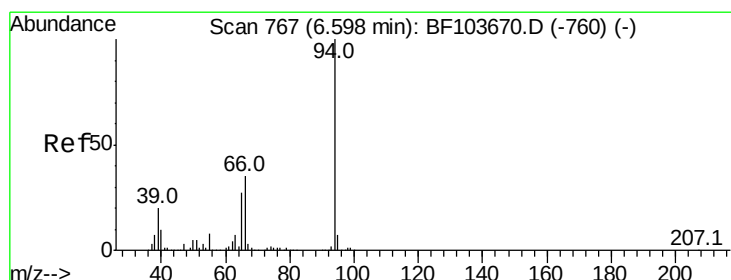
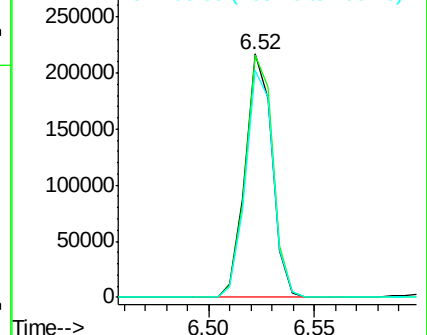
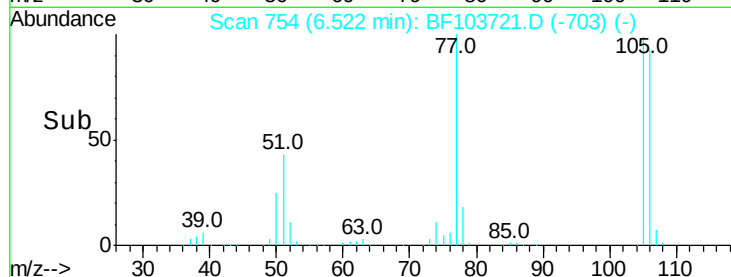
77 100

105 99.5 81.1 121.1

106 93.0 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: 37.512 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

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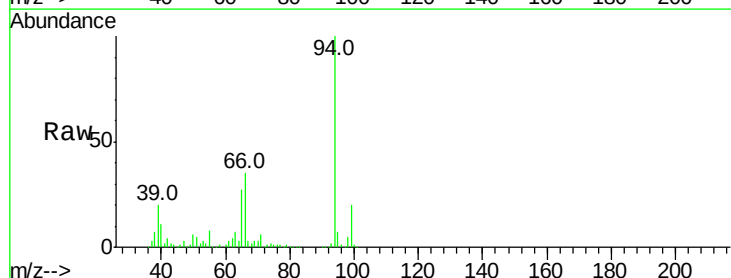
Tgt Ion: 94 Resp: 539847

Ion Ratio Lower Upper

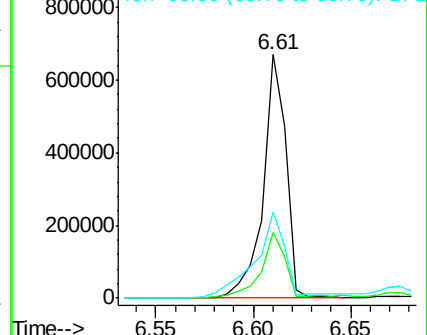
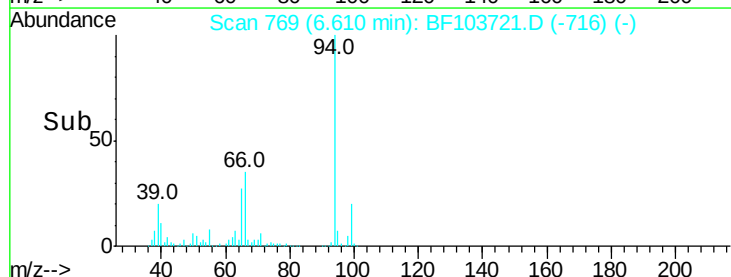
94 100

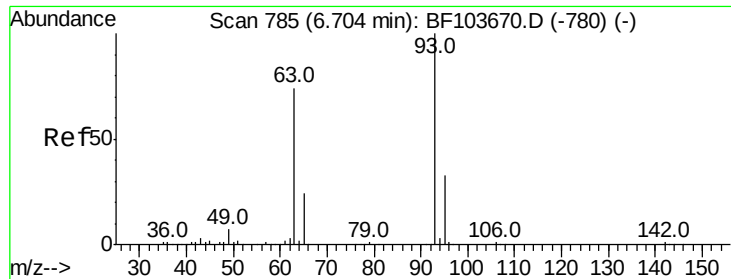
65 27.1 7.9 47.9

66 35.5 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

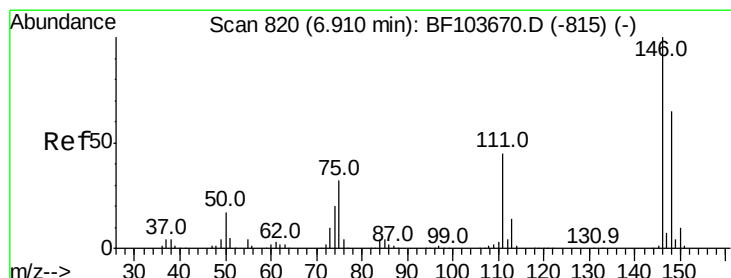
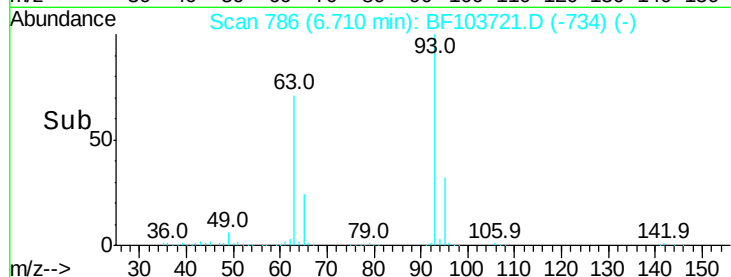
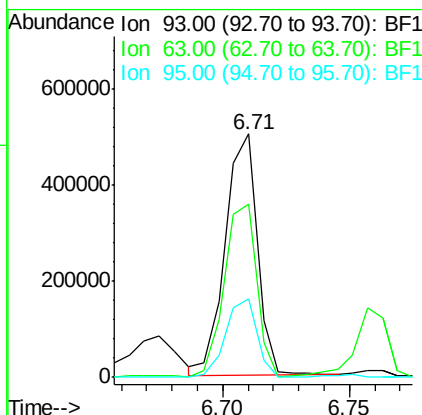
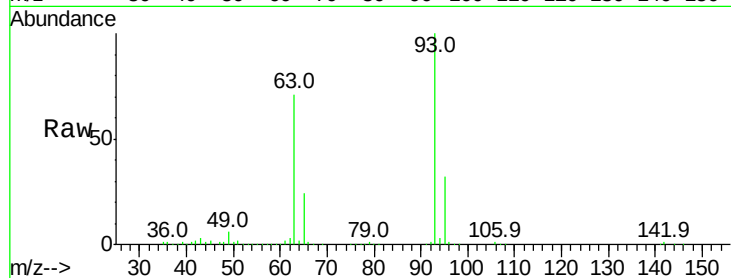




#11
bis(2-Chloroethyl)ether
Concen: 37.111 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

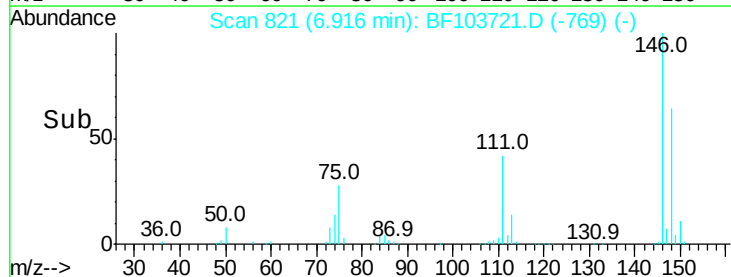
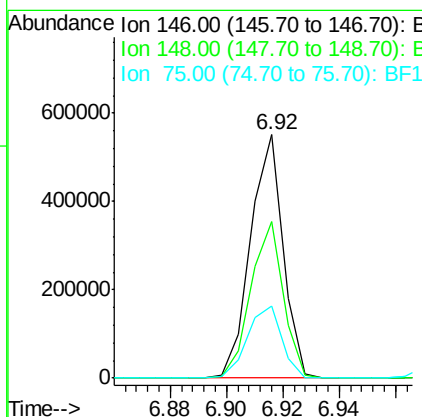
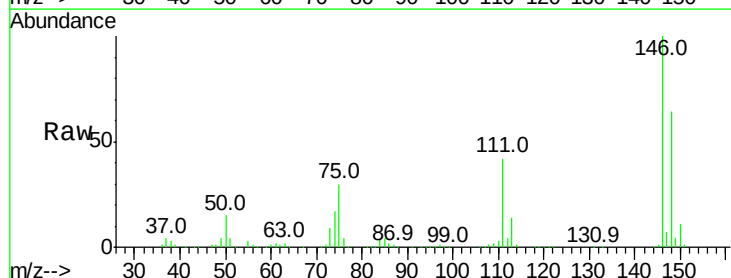
Instrument :
BNA_F
ClientSampleId :

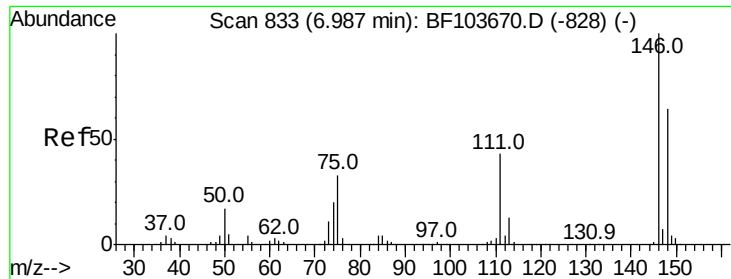
Tot Ion: 93 Resp: 440898
Ion Ratio Lower Upper
93 100
63 70.9 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 33.405 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion: 146 Resp: 441203
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 29.5 24.2 36.4

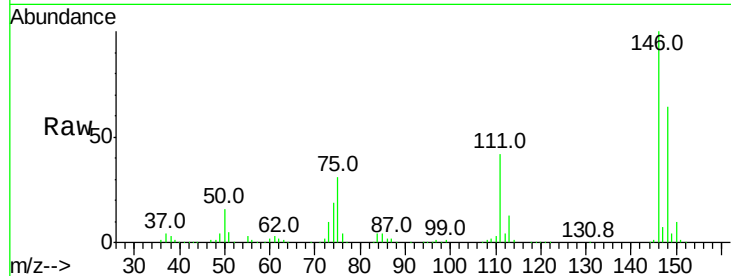




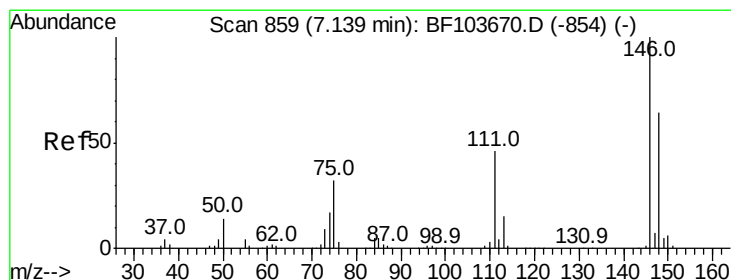
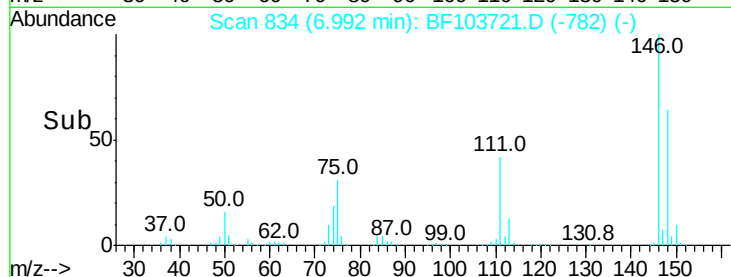
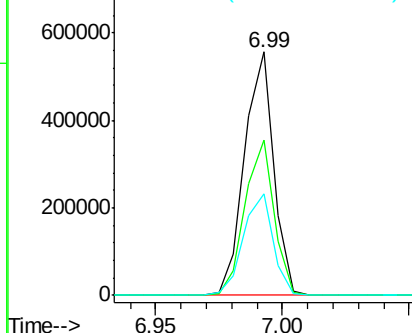
#13
 1,4-Dichlorobenzene
 Concen: 33.557 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 445366
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 42.0 34.2 51.2

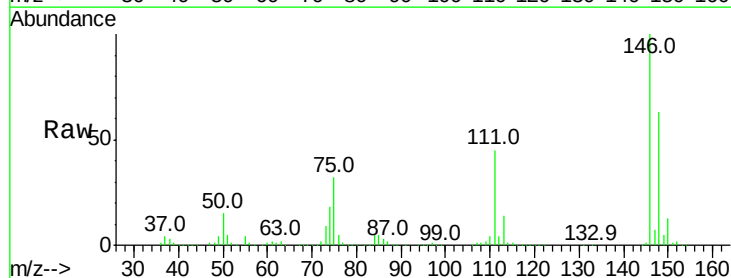


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

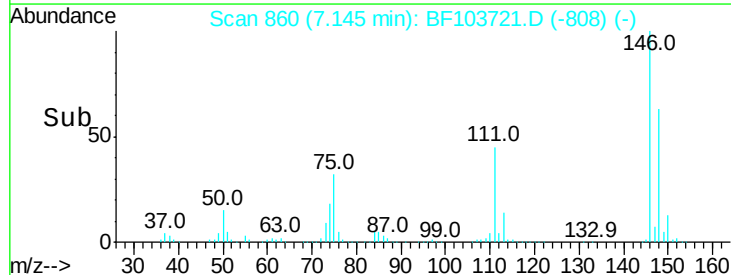
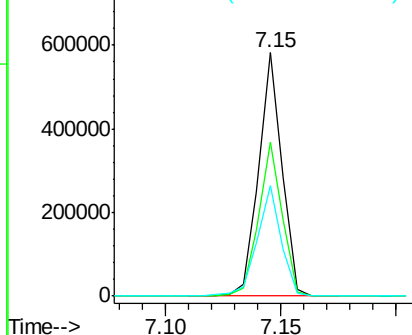


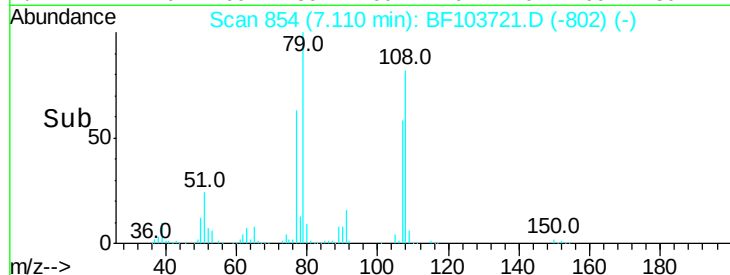
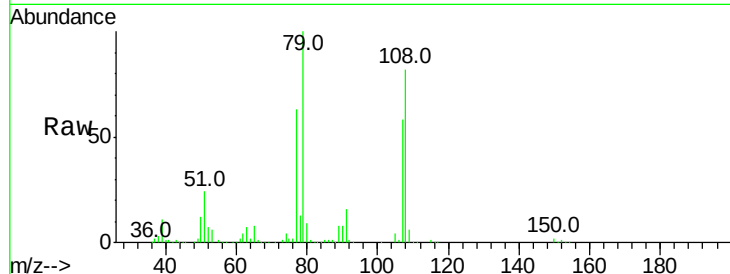
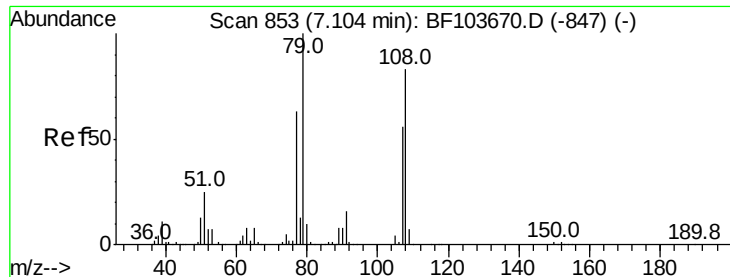
#14
 1,2-Dichlorobenzene
 Concen: 33.301 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion:146 Resp: 410124
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 45.2 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

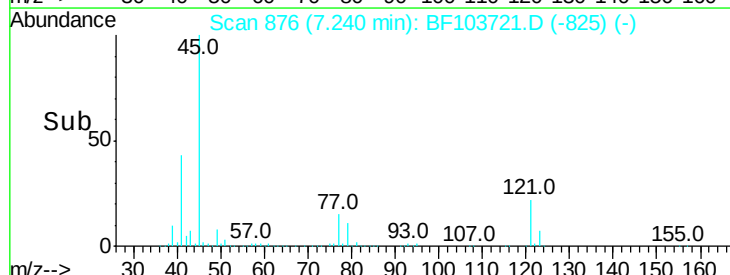
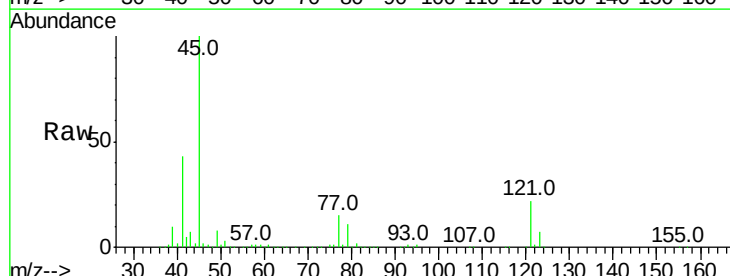
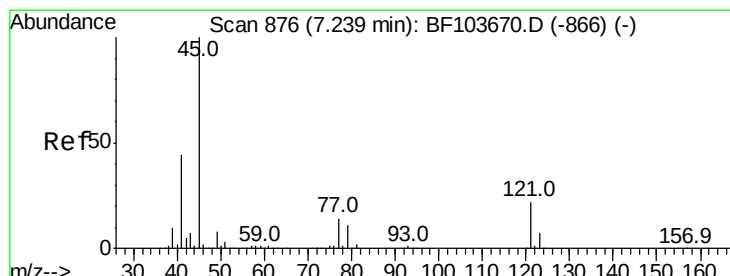
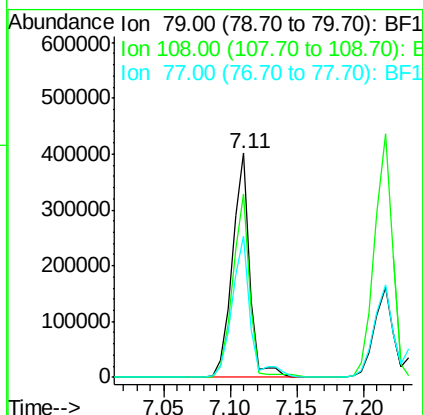




#15
Benzyl Alcohol
Concen: 34.906 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

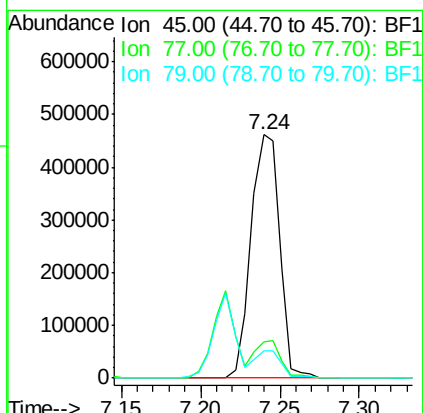
Instrument :
BNA_F
ClientSampled :

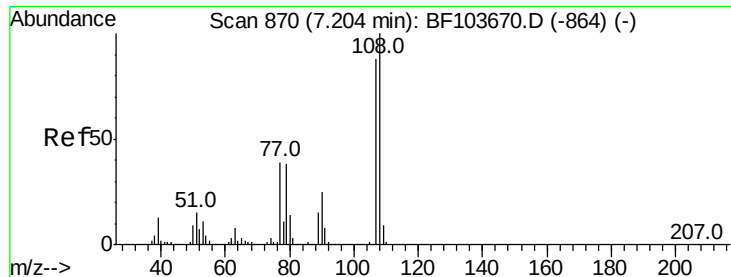
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.8	65.1	97.7
77	63.1	50.6	75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.440 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	32.9
79	11.1	0.0	29.6

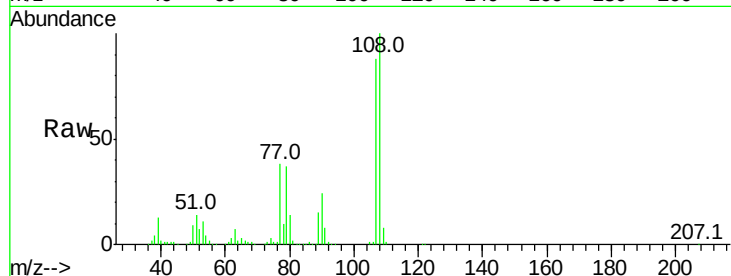




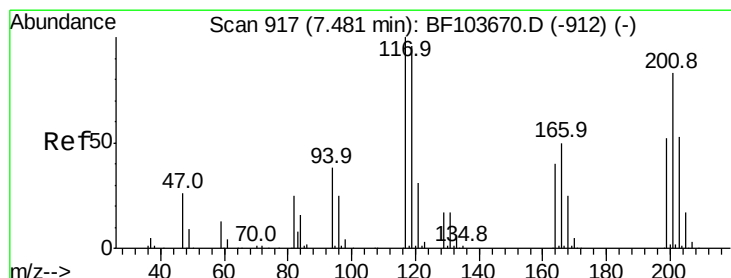
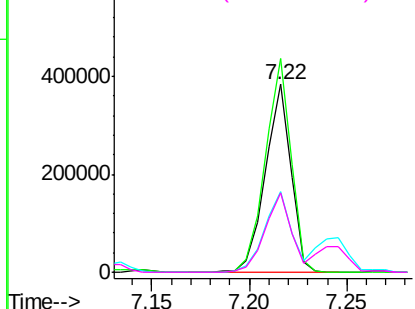
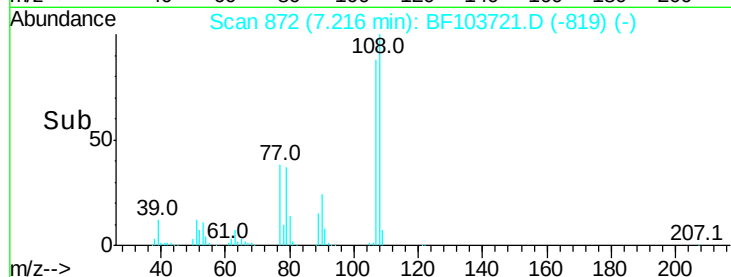
#17
2-Methylphenol
Concen: 33.901 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	43.2	33.8	50.8
79	42.1	33.8	50.8

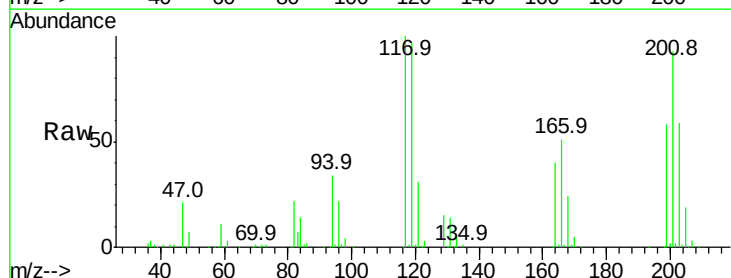


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

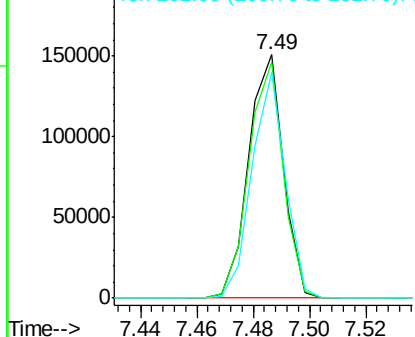
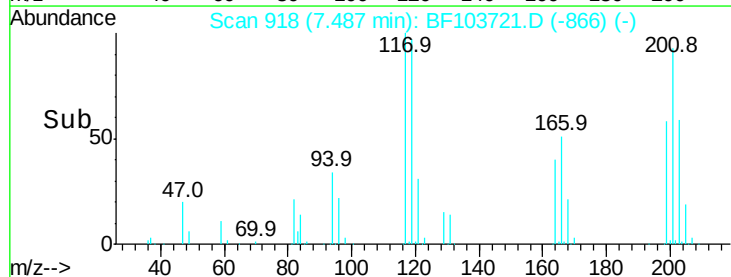


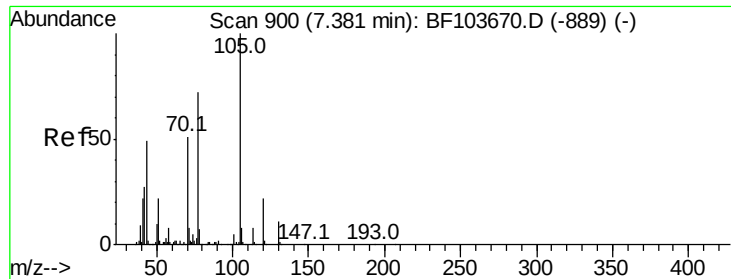
#18
Hexachloroethane
Concen: 27.685 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	92.8	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

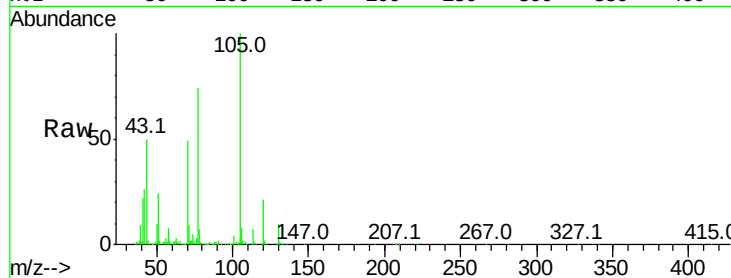




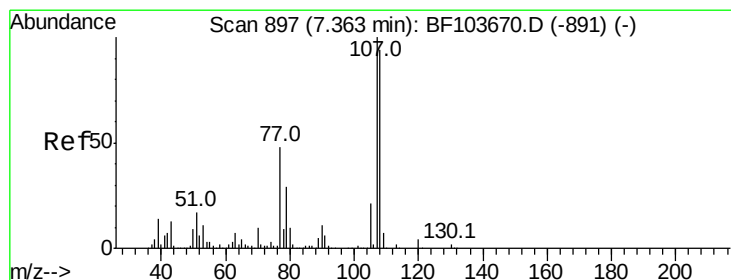
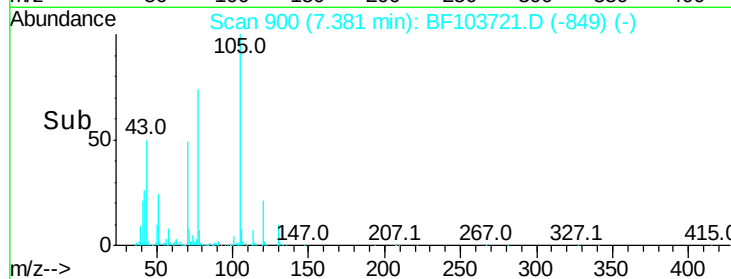
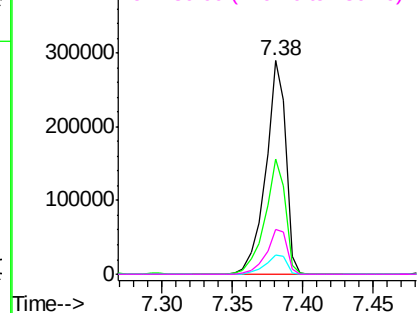
#19
n-Nitroso-di-n-propylamine
Concen: 33.466 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 290469
Ion Ratio Lower Upper
70 100
42 53.9 47.5 71.3
101 9.0 7.4 11.2
130 21.0 16.6 25.0

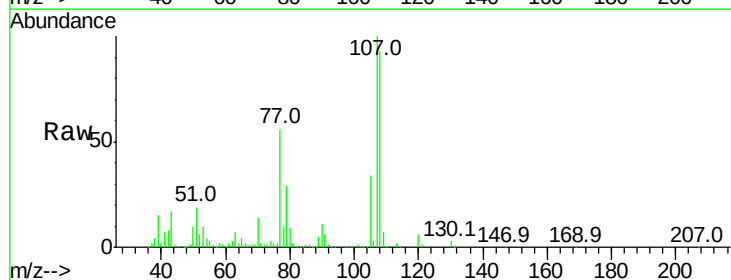


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

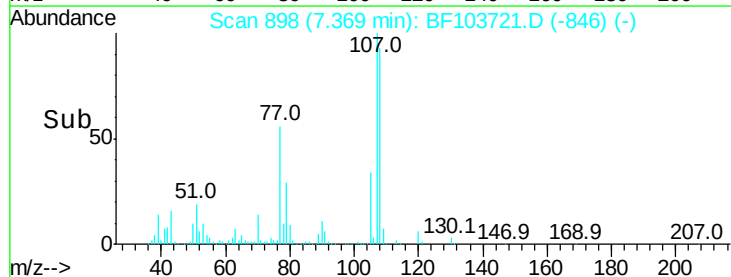
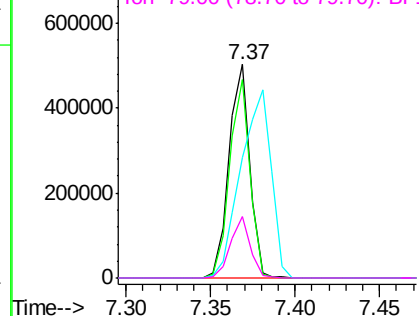


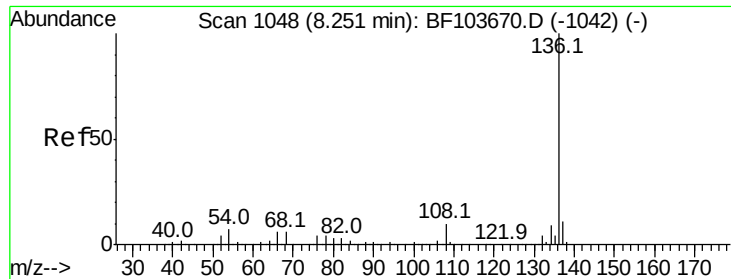
#20
3+4-Methylphenols
Concen: 32.813 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion: 107 Resp: 430037
Ion Ratio Lower Upper
107 100
108 92.9 68.2 108.2
77 56.1 26.7 66.7
79 29.0 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 668465

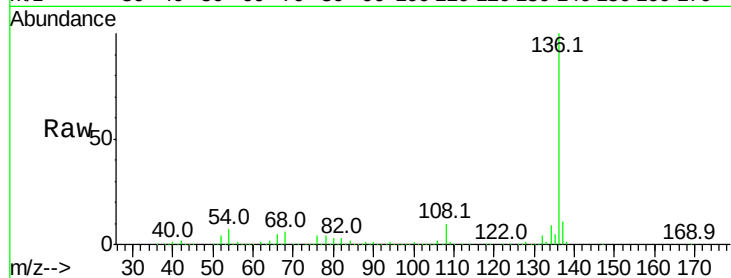
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.3 6.6 9.8

68 6.0 5.0 7.4

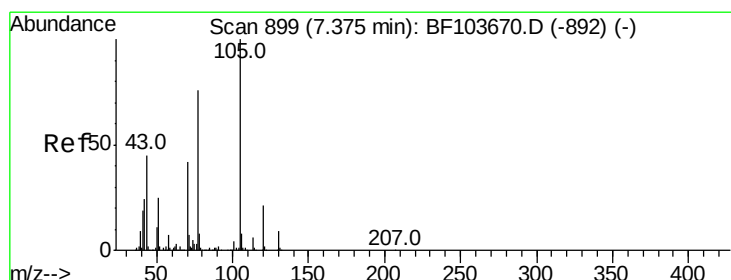
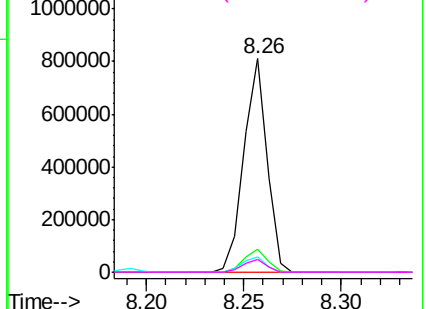
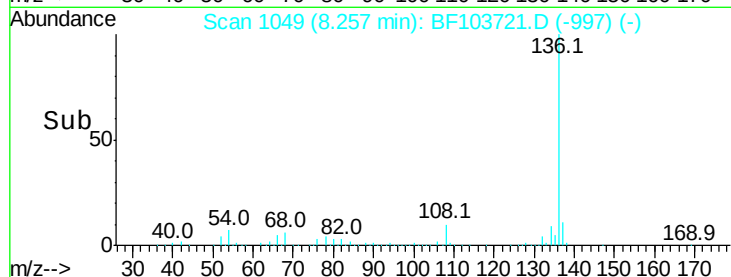


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.470 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:105 Resp: 575019

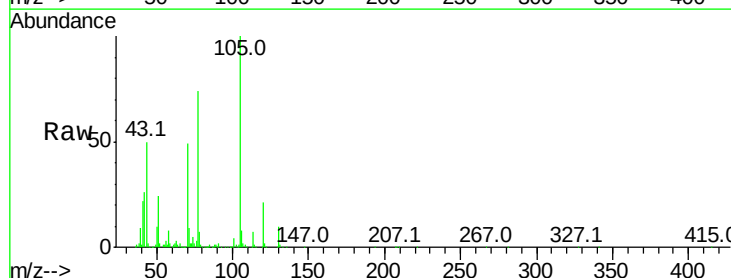
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 23.7 22.3 33.5

120 21.5 16.9 25.3

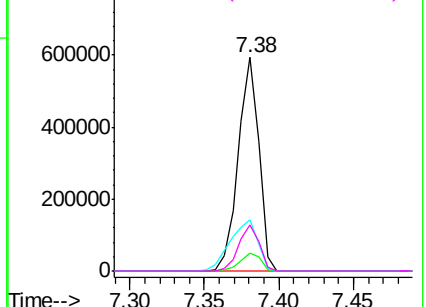
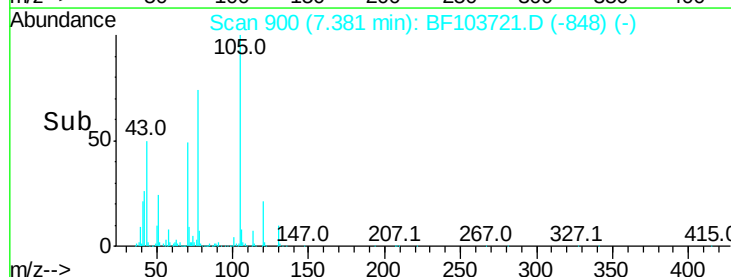


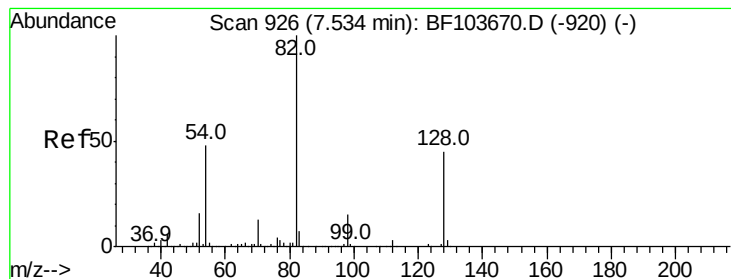
Abundance Ion 105.00 (104.70 to 105.70): E

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: 103.458 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampled :

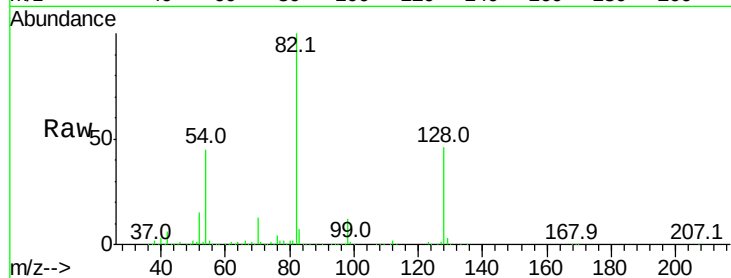
Tot Ion: 82 Resp: 991715

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

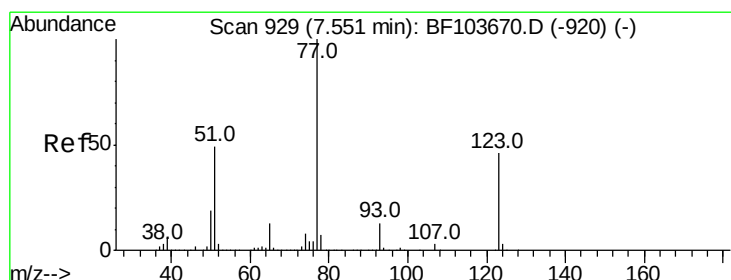
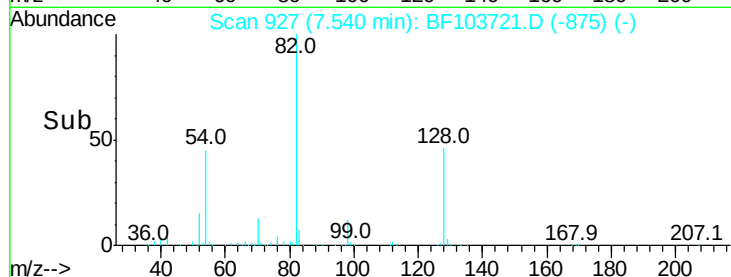
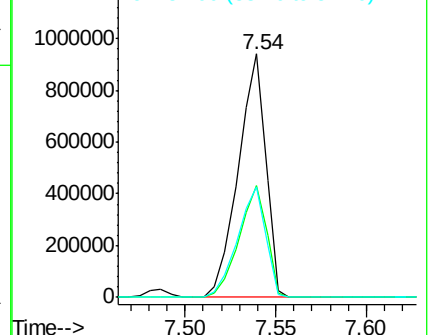
54 45.2 41.4 62.2



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: 39.345 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

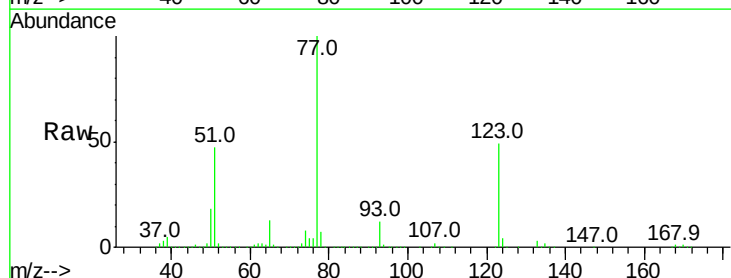
Tgt Ion: 77 Resp: 442778

Ion Ratio Lower Upper

77 100

123 48.8 37.9 56.9

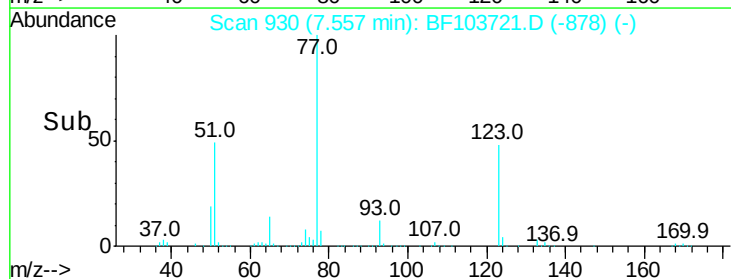
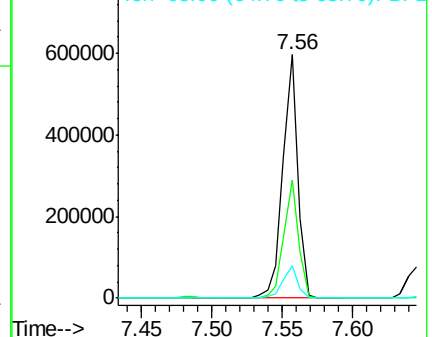
65 13.2 11.0 16.4

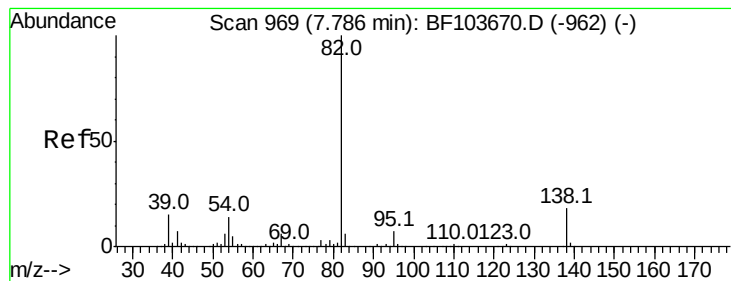


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.744 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampled :

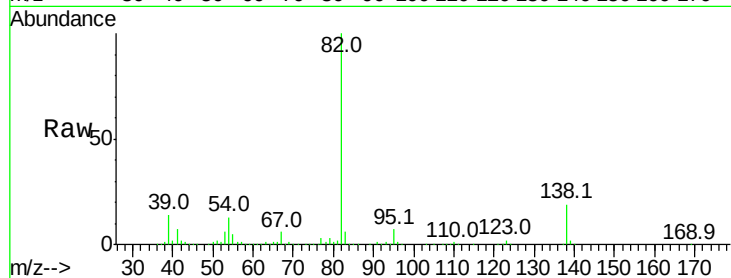
Tot Ion: 82 Resp: 815355

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

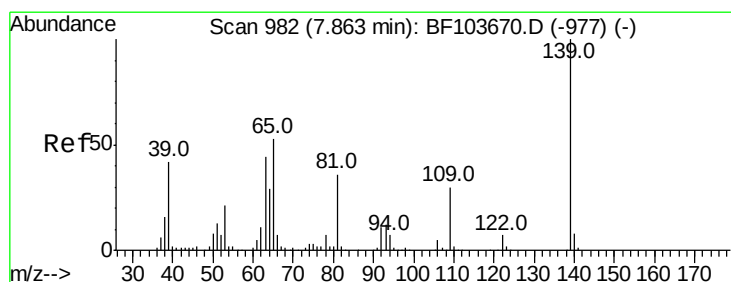
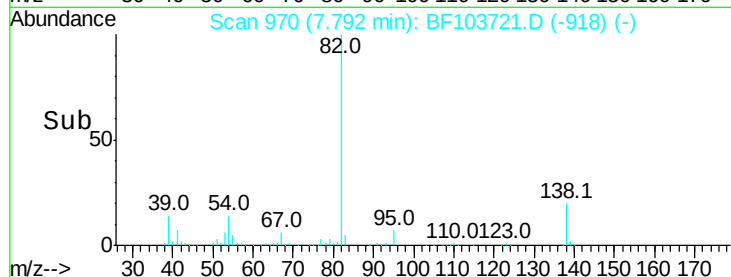
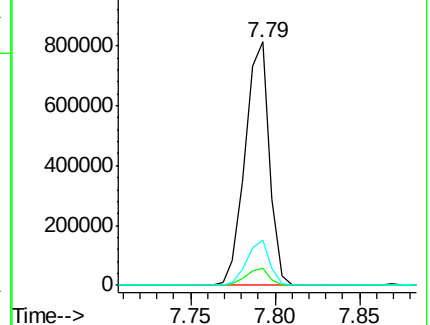
138 18.8 14.9 22.3



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: 43.392 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

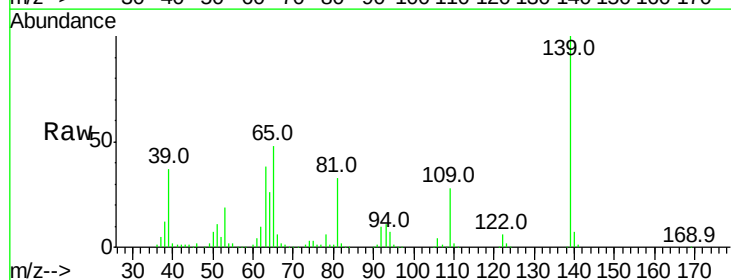
Tgt Ion: 139 Resp: 180956

Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

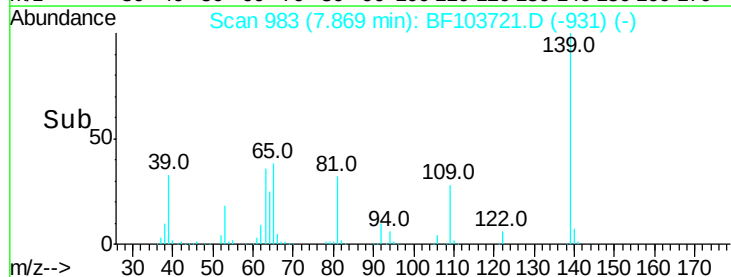
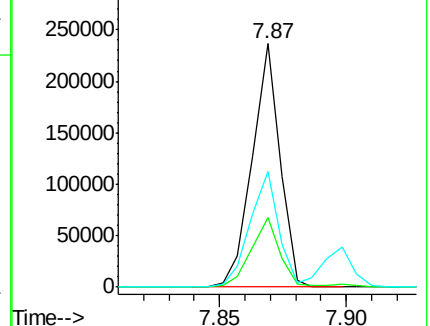
65 47.6 40.5 60.7

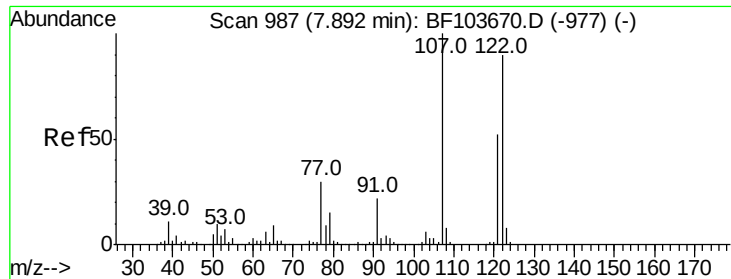


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

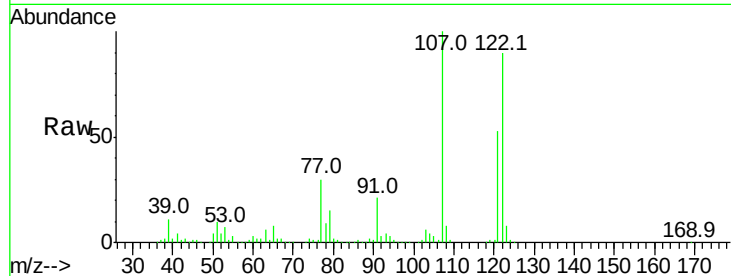




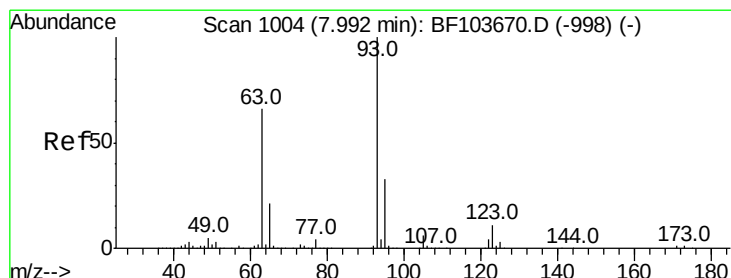
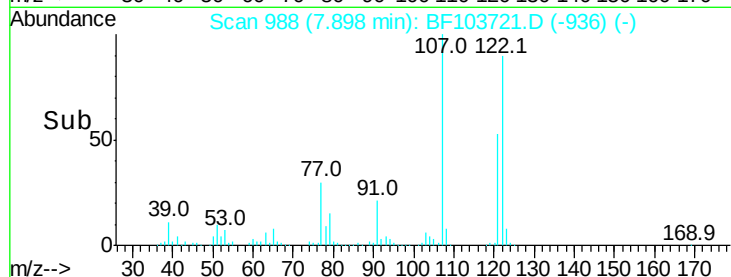
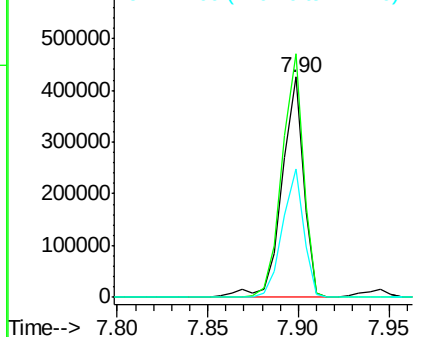
#27
2,4-Dimethylphenol
Concen: 37.466 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 356164
Ion Ratio Lower Upper
122 100
107 110.6 91.2 136.8
121 58.2 47.2 70.8

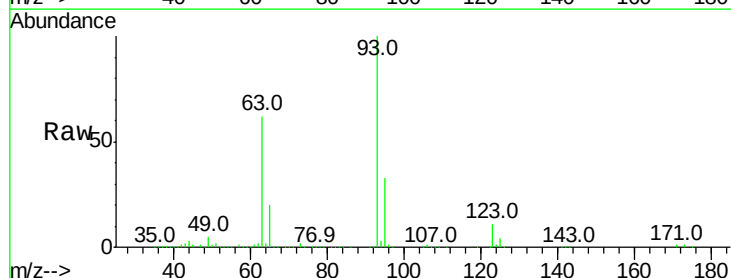


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

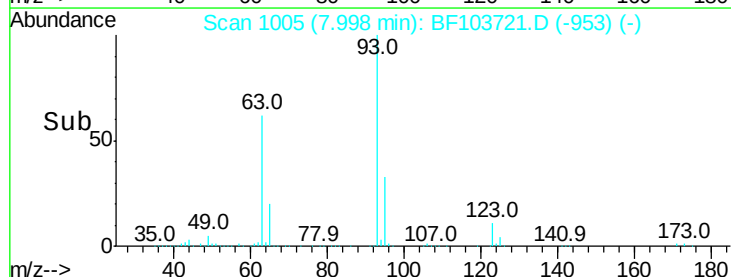
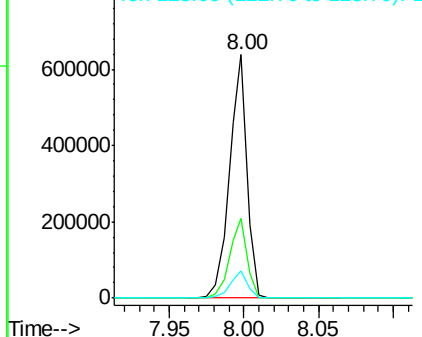


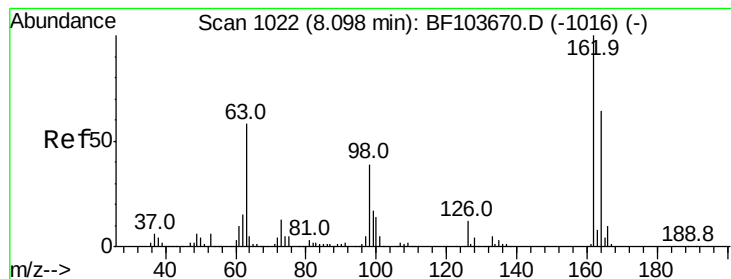
#28
bis(2-Chloroethoxy)methane
Concen: 39.473 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion: 93 Resp: 530401
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 11.3 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: 37.883 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

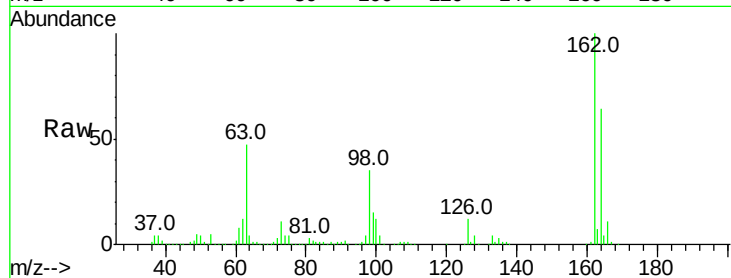
Tot Ion:162 Resp: 327642

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

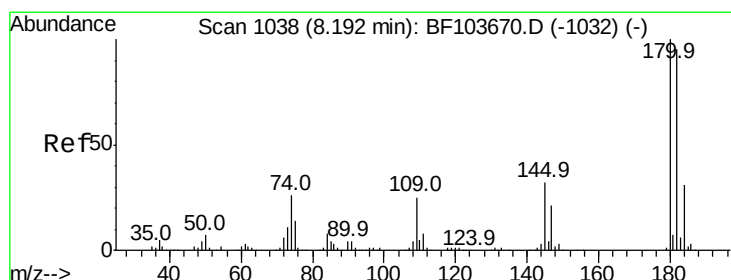
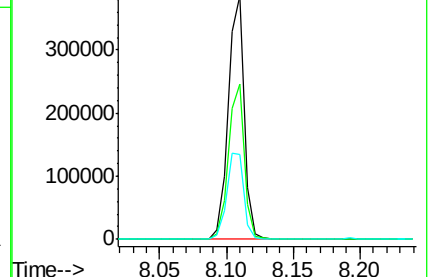
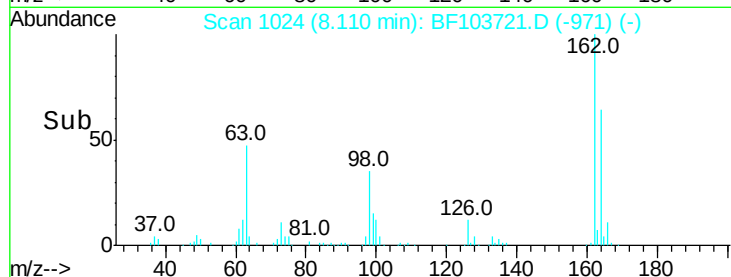
98 35.0 18.1 58.1



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: 34.273 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

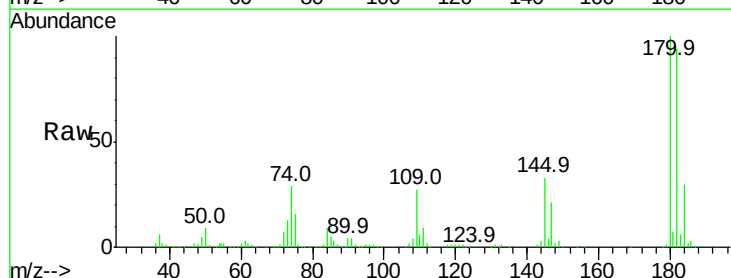
Tgt Ion:180 Resp: 343802

Ion Ratio Lower Upper

180 100

182 93.5 76.8 115.2

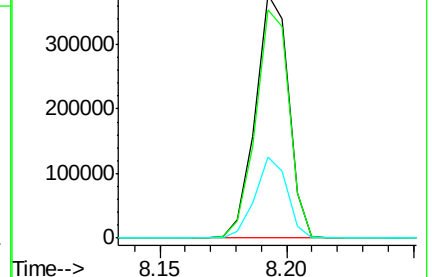
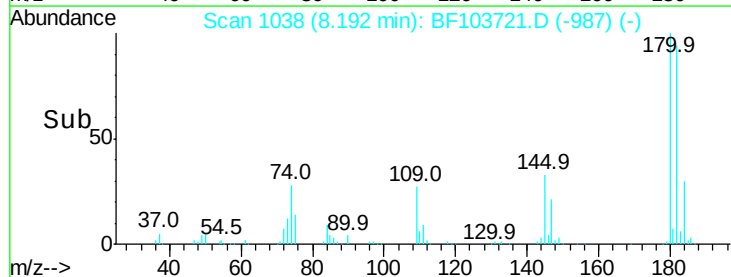
145 33.3 26.5 39.7

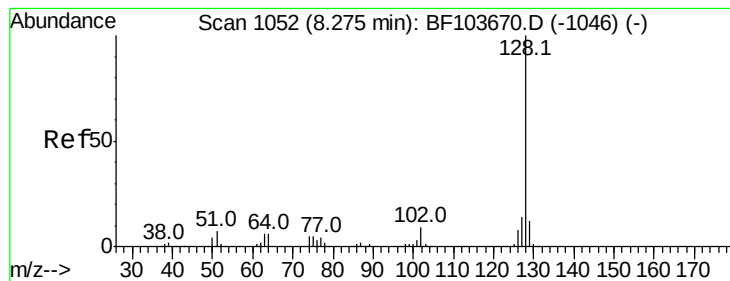


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.210 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

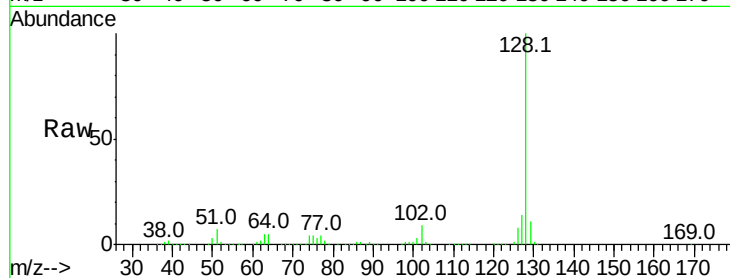
Tot Ion:128 Resp: 1155194

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

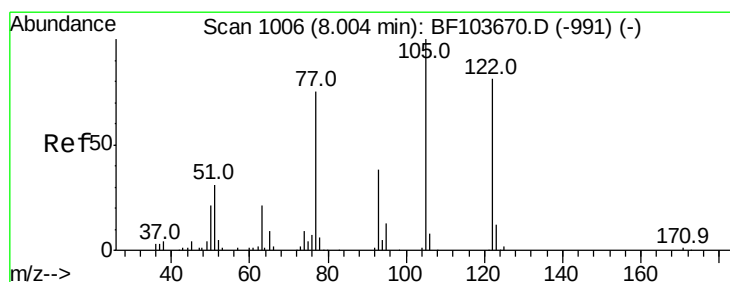
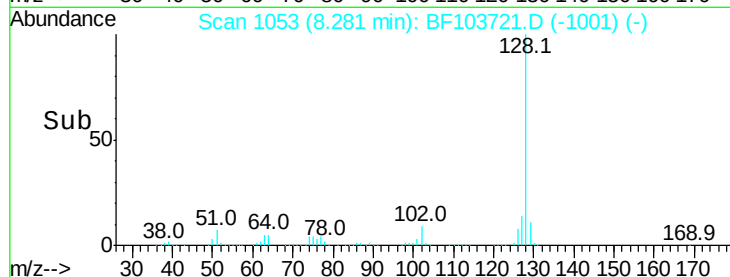
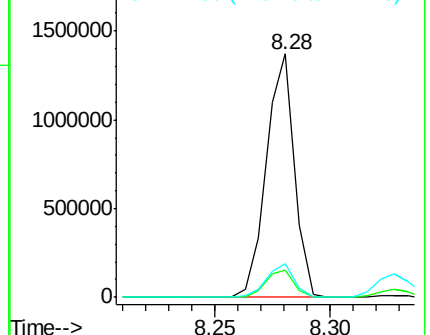
127 13.8 10.9 16.3



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: 11.743 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.06 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

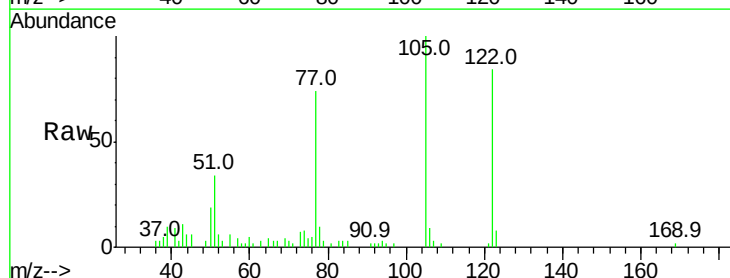
Tgt Ion:122 Resp: 15535

Ion Ratio Lower Upper

122 100

105 118.6 101.1 141.1

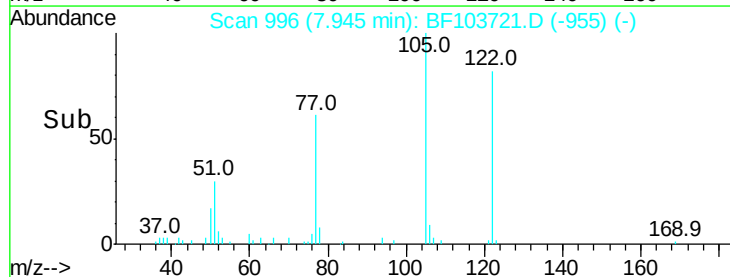
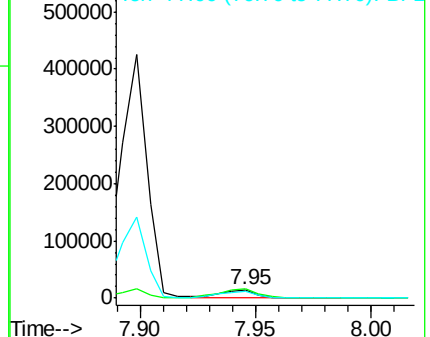
77 88.3 70.7 110.7

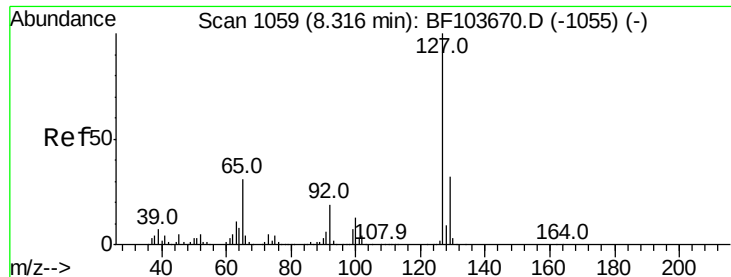


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

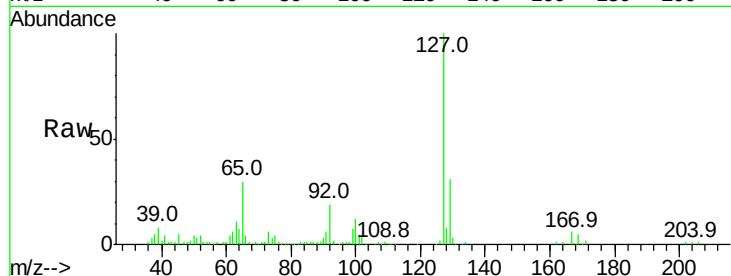




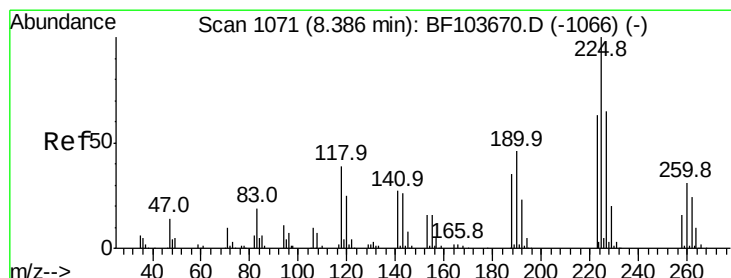
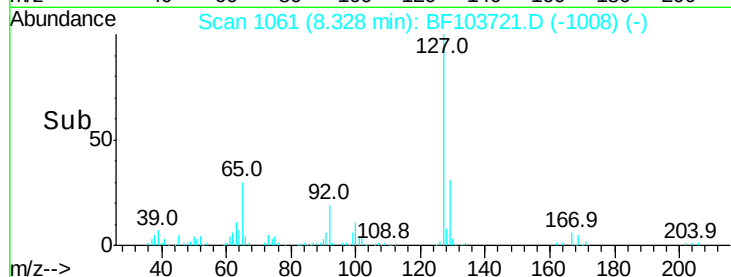
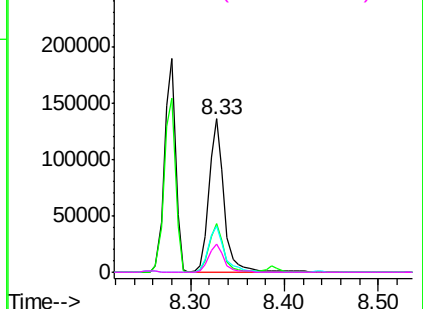
#33
4-Chloroaniline
Concen: 10.841 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	153586
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	30.3	25.0	37.4
92	18.5	15.2	22.8

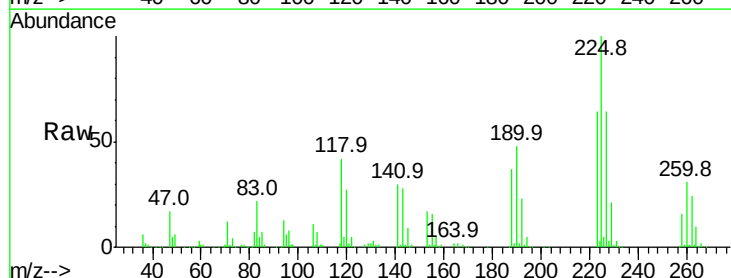


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

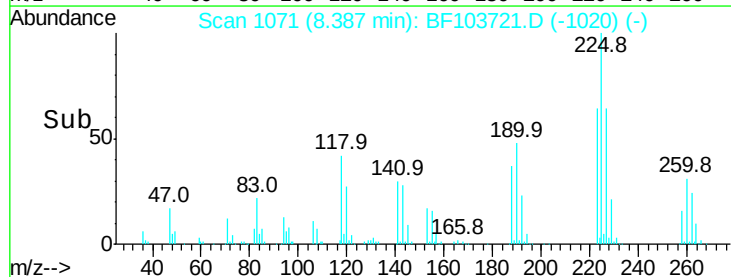
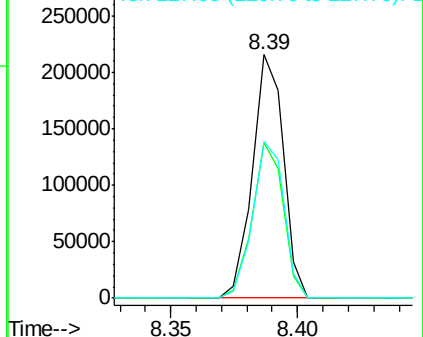


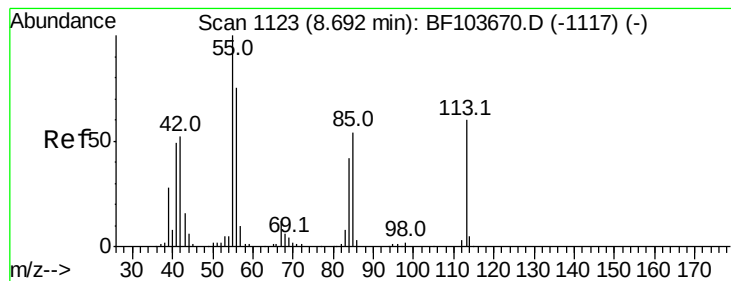
#34
Hexachlorobutadiene
Concen: 33.500 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion:	225	Resp:	184246
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	64.3	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: 9.126 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

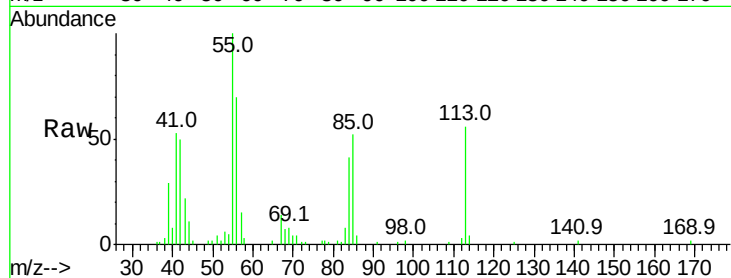
Tot Ion:113 Resp: 27179

Ion Ratio Lower Upper

113 100

55 178.0 163.3 203.3

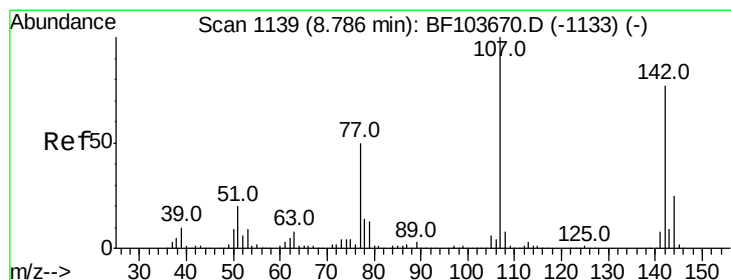
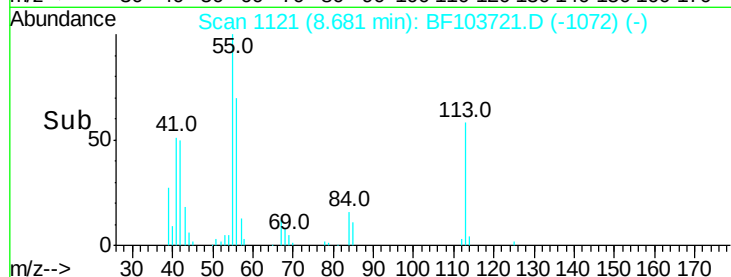
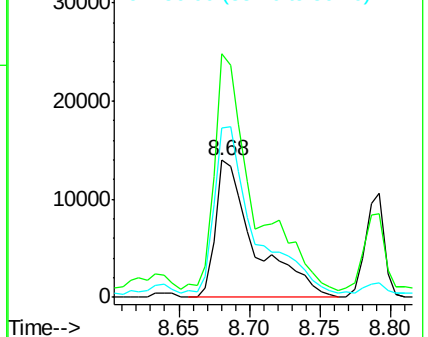
56 123.9 115.7 155.7



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: 36.153 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

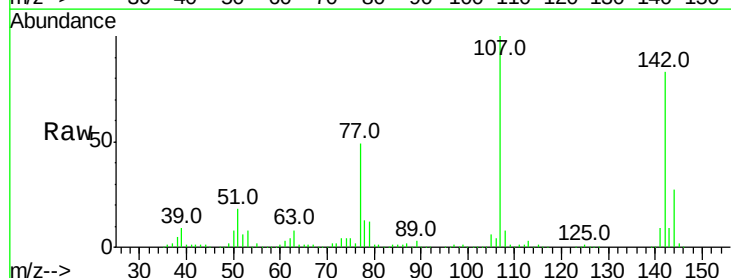
Tgt Ion:107 Resp: 344704

Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

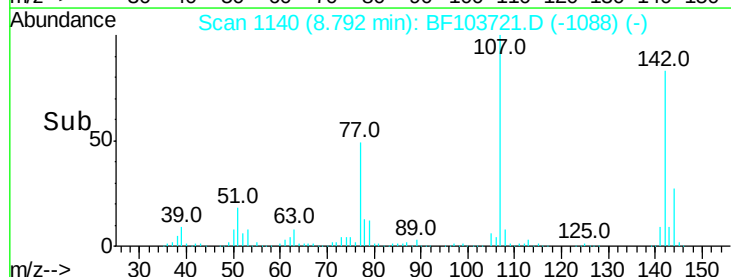
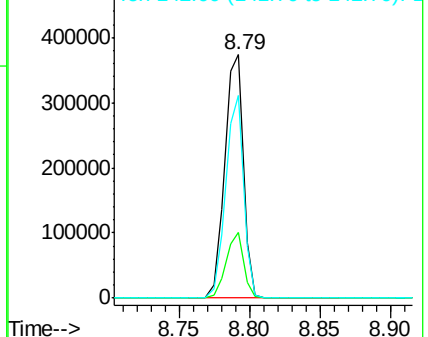
142 83.4 62.0 93.0

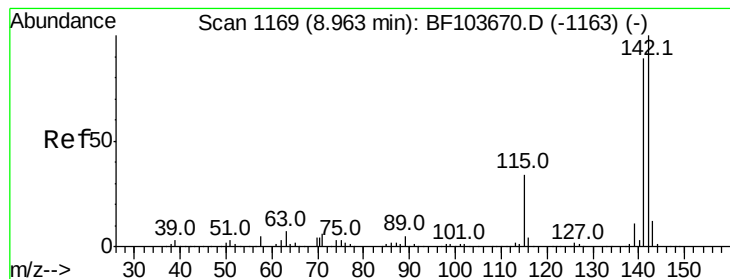


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.504 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampled :

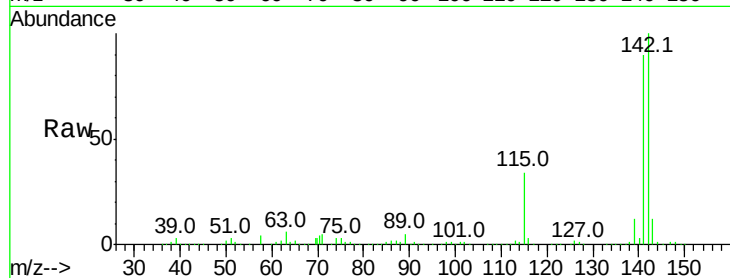
Tot Ion:142 Resp: 738851

Ion Ratio Lower Upper

142 100

141 89.7 70.8 106.2

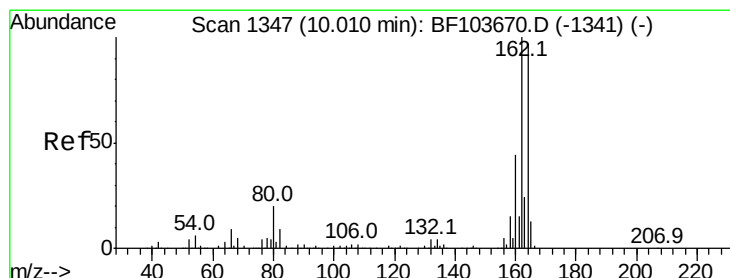
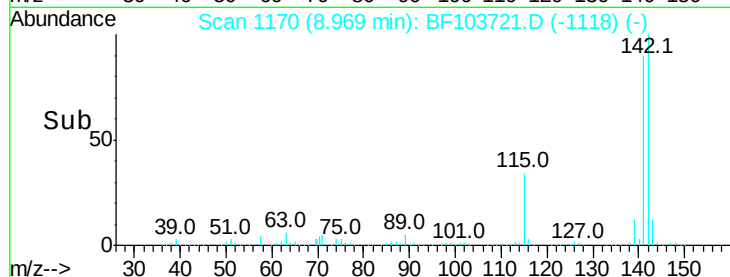
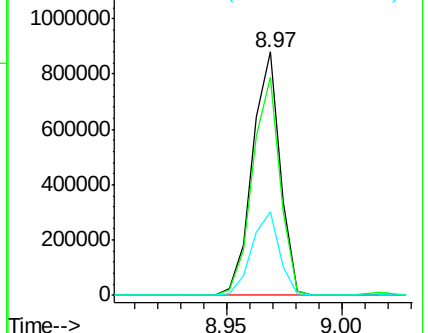
115 34.2 26.1 39.1



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: BF103721.D

Acq: 17 Mar 2018 2:26

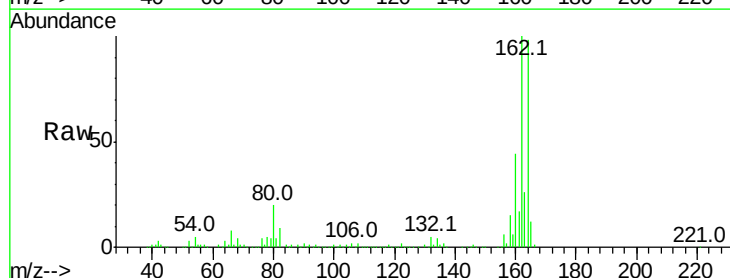
Tgt Ion:164 Resp: 278848

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

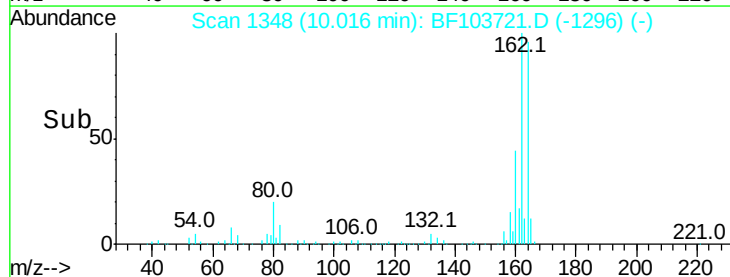
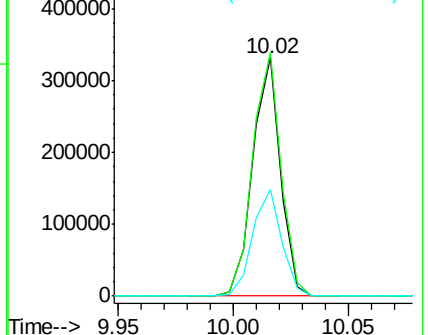
160 45.0 38.3 57.5

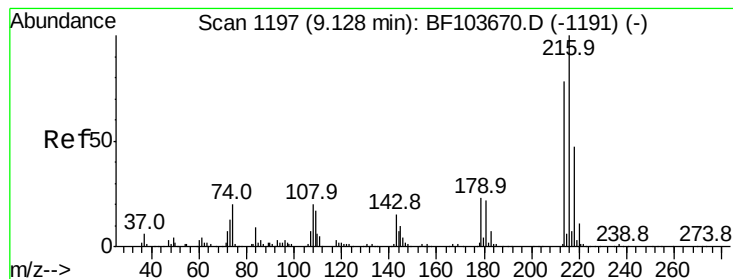


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.371 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 305246

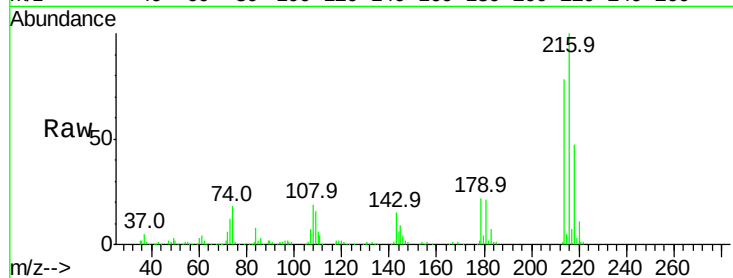
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.0 18.1 27.1

108 20.7 17.2 25.8

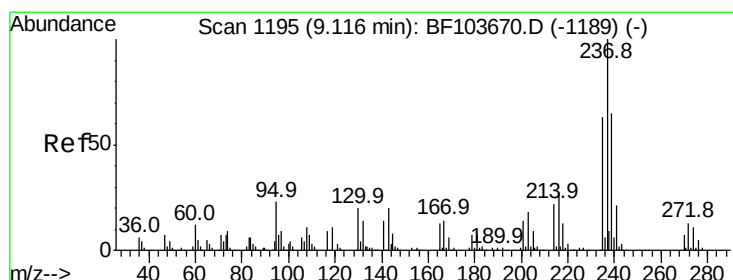
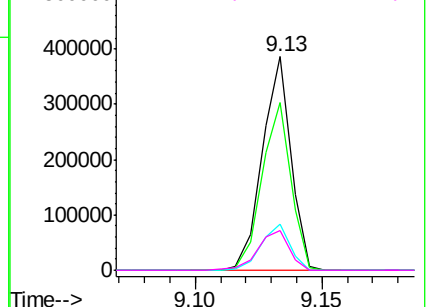
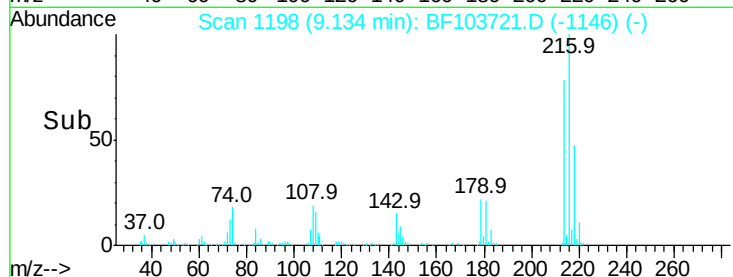


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.613 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

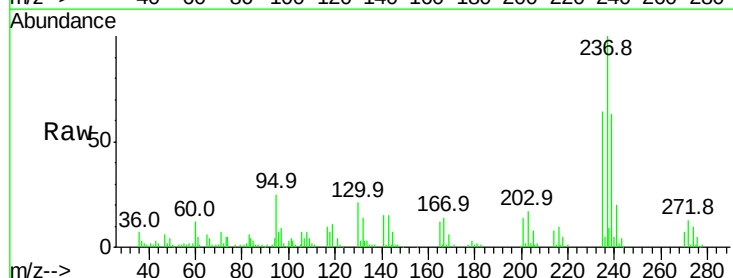
Tgt Ion:237 Resp: 55879

Ion Ratio Lower Upper

237 100

235 63.8 44.8 84.8

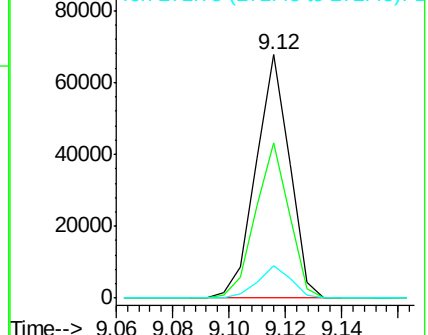
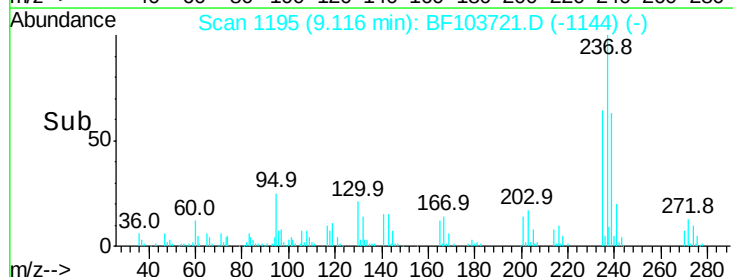
272 13.2 0.0 33.3

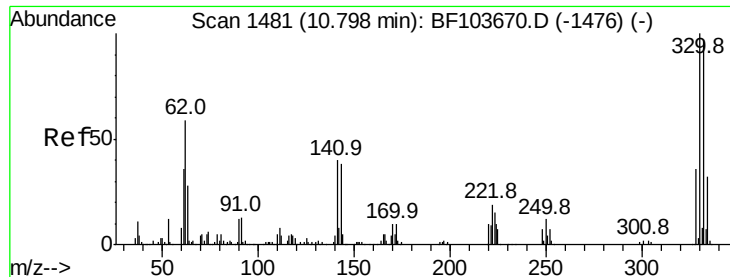


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

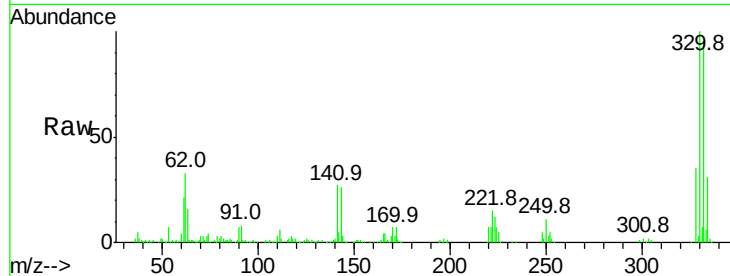




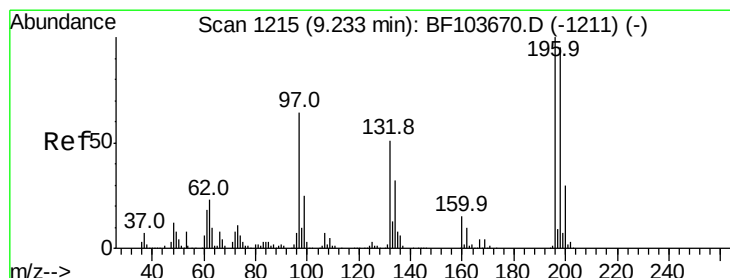
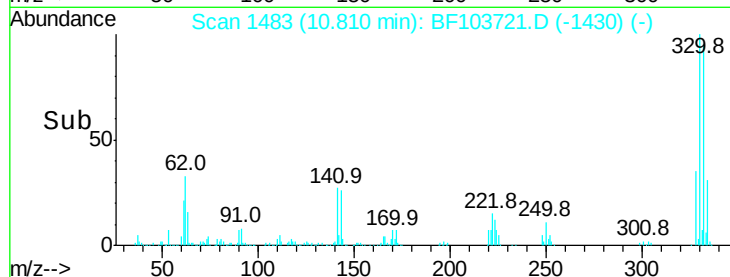
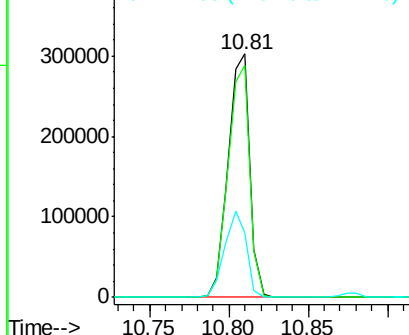
#41
 2,4,6-Tribromophenol
 Concen: 119.033 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	36.0	29.9	44.9

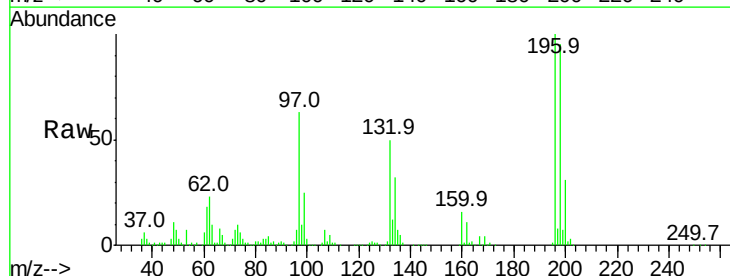


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

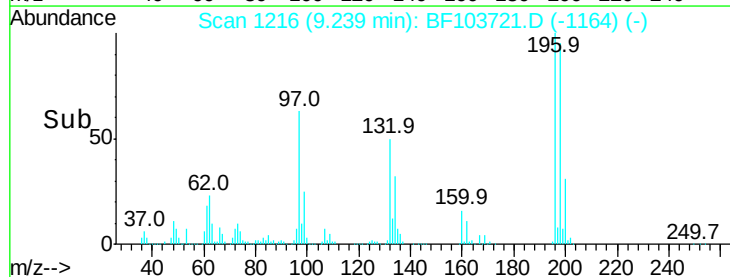
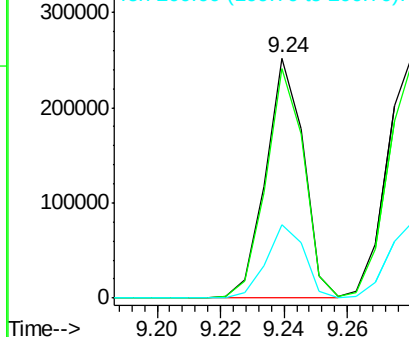


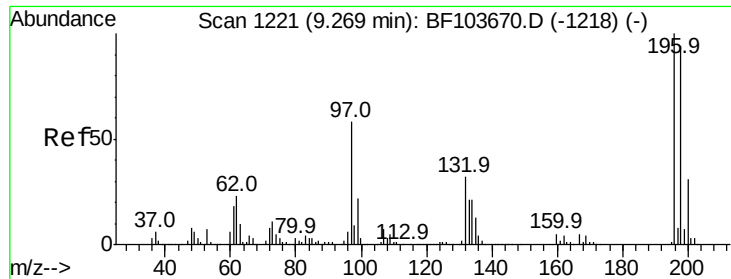
#42
 2,4,6-Trichlorophenol
 Concen: 41.179 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
200	30.7	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

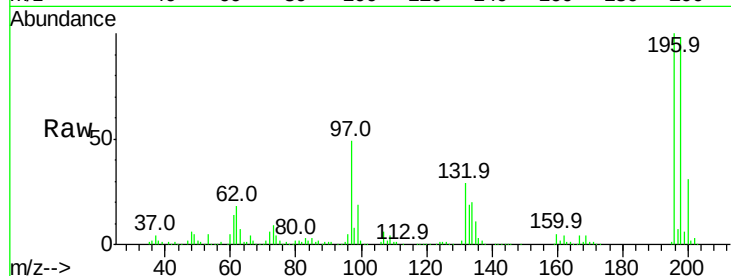




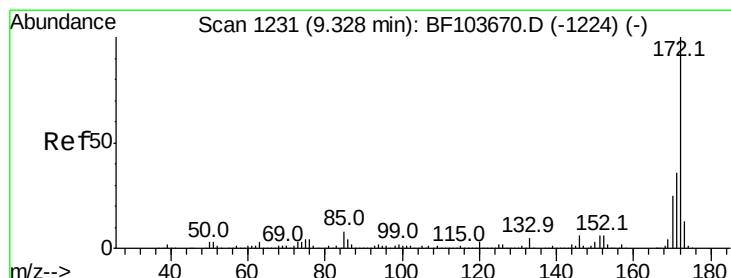
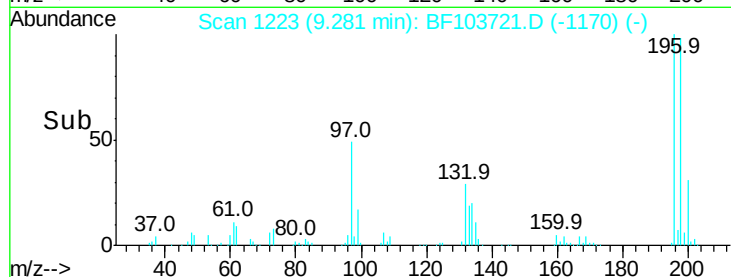
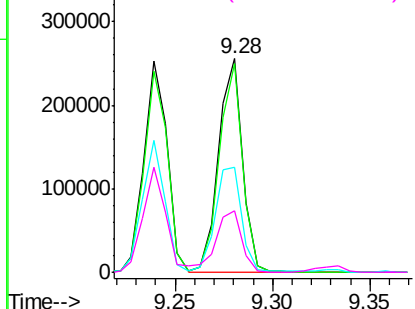
#43
 2,4,5-Trichlorophenol
 Concen: 37.858 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 217424
 Ion Ratio Lower Upper
 196 100
 198 97.6 74.6 112.0
 97 49.1 42.9 64.3
 132 29.0 26.3 39.5

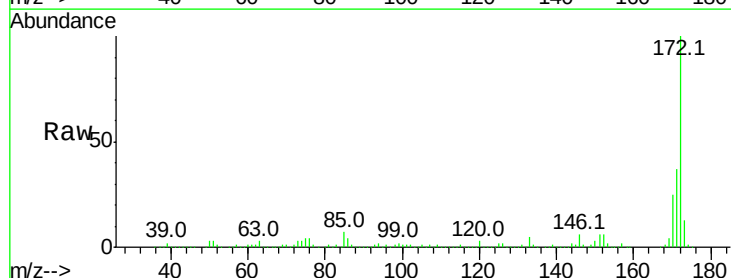


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

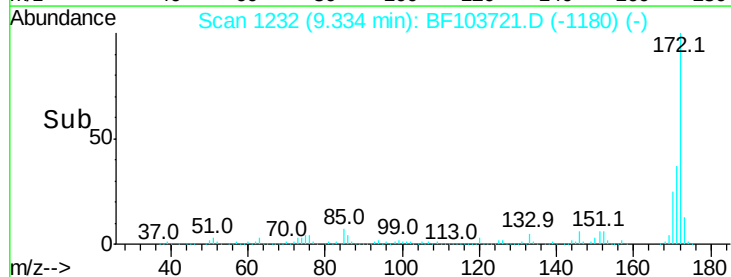
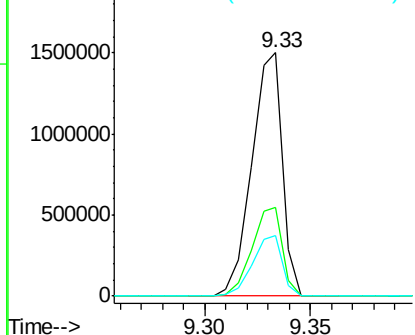


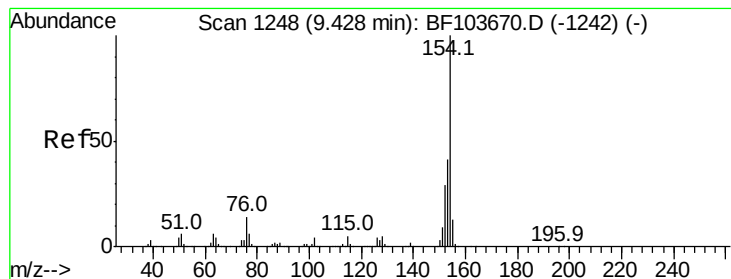
#44
 2-Fluorobiphenyl
 Concen: 86.548 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion:172 Resp: 1512953
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.7 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: 36.531 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampled :

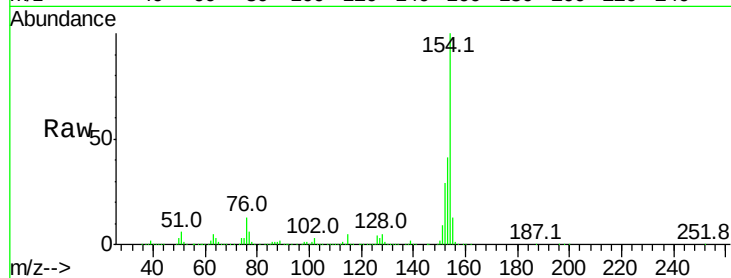
Tot Ion:154 Resp: 849418

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

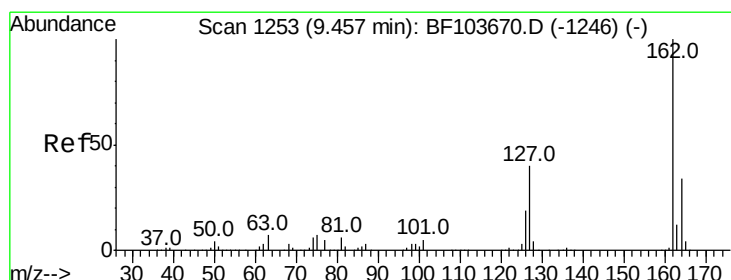
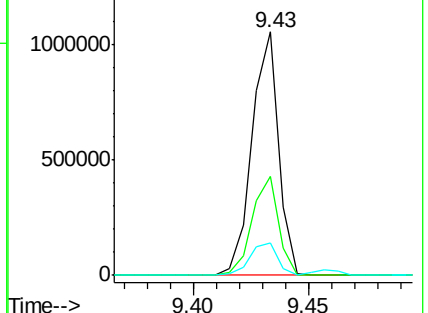
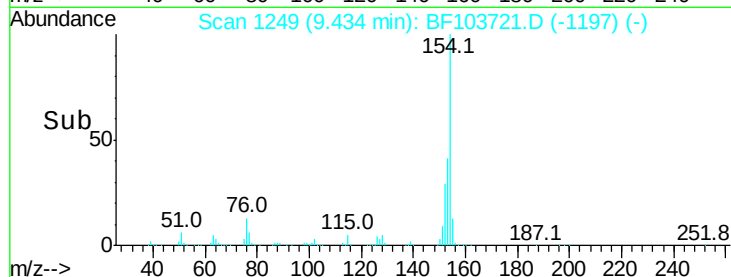
76 13.1 0.0 34.0



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: 35.735 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

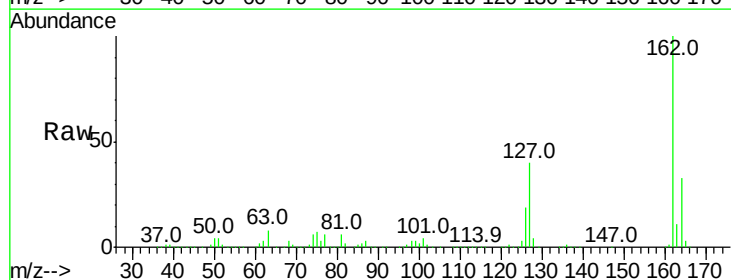
Tgt Ion:162 Resp: 659951

Ion Ratio Lower Upper

162 100

127 39.8 33.9 50.9

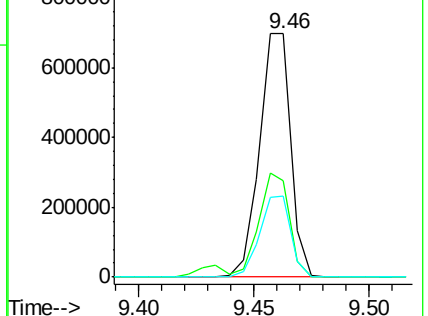
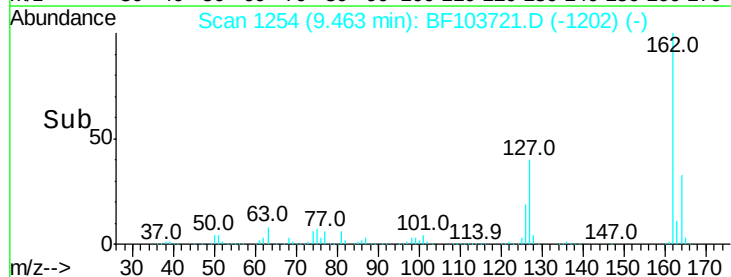
164 33.2 26.5 39.7

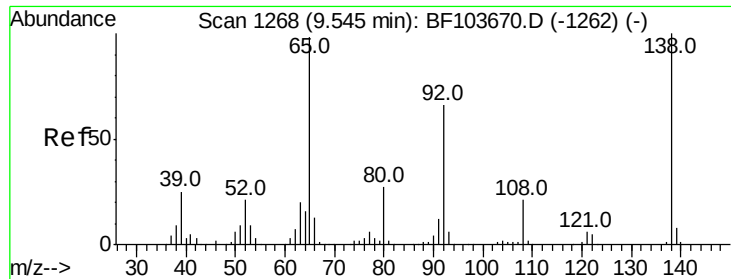


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

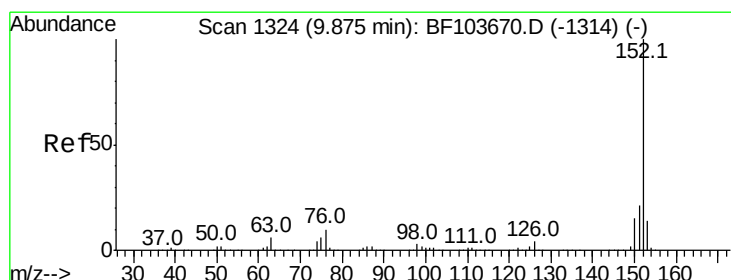
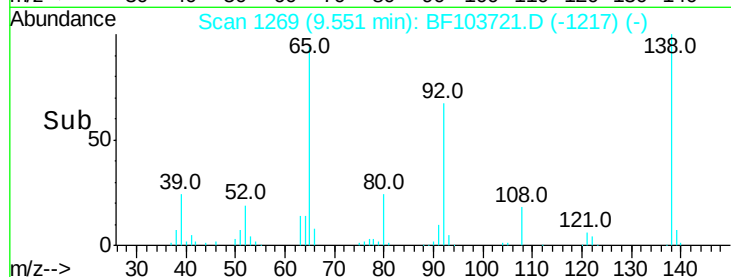
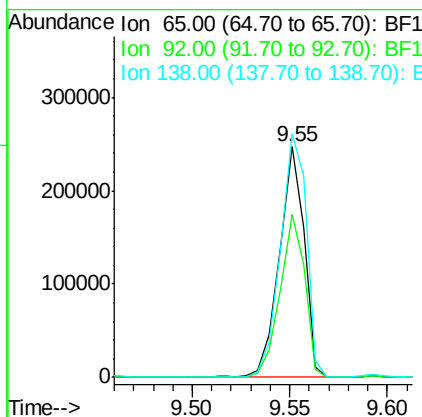
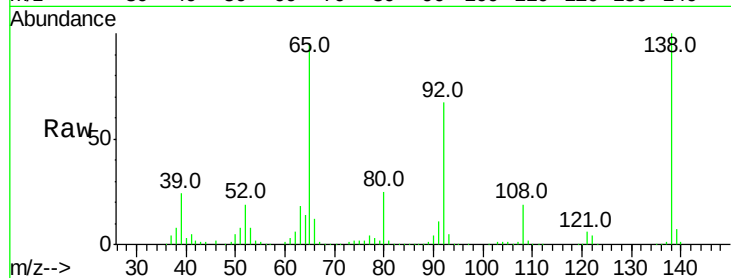




#47
 2-Nitroaniline
 Concen: 45.620 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

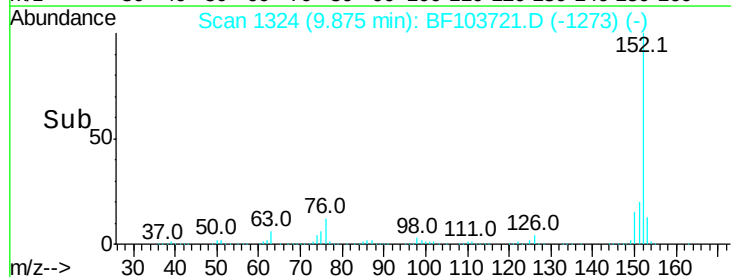
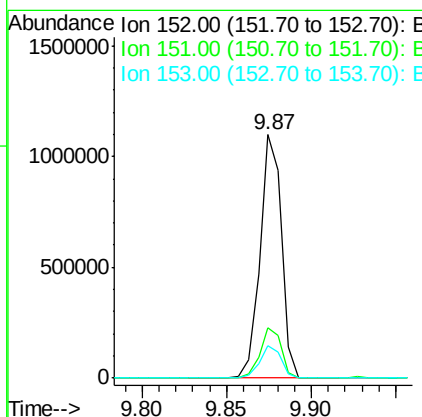
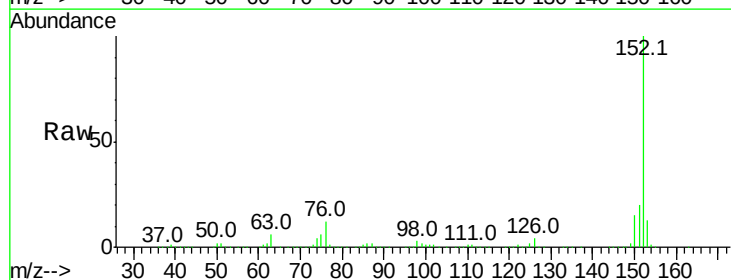
Instrument :
 BNA_F
 ClientSampleId :

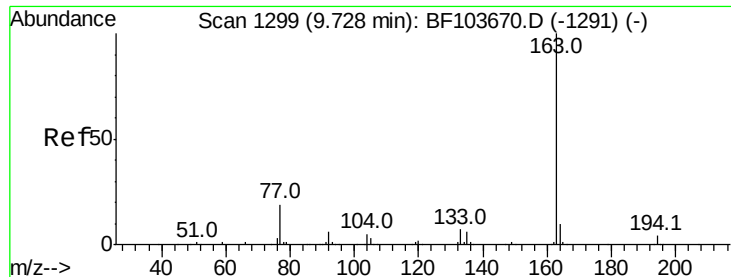
Tot Ion: 65 Resp: 218496
 Ion Ratio Lower Upper
 65 100
 92 70.6 55.8 83.6
 138 105.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 34.003 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion: 152 Resp: 973772
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.5 10.7 16.1

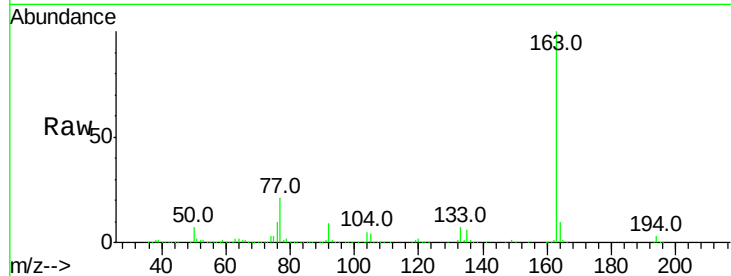




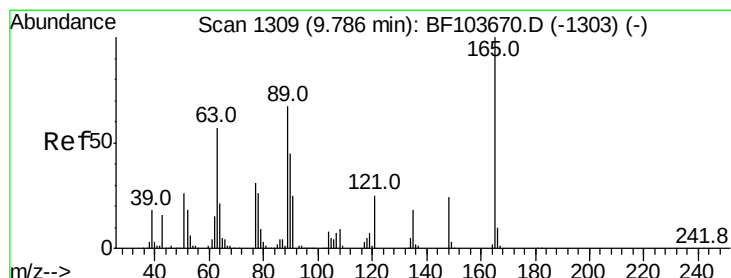
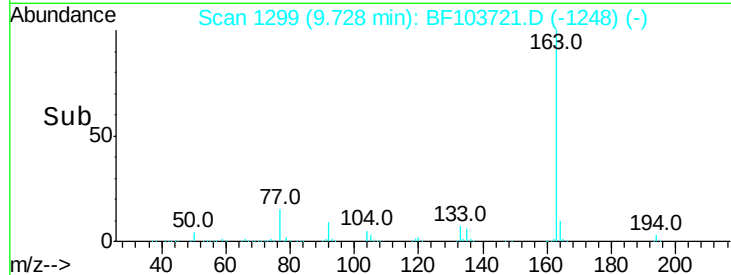
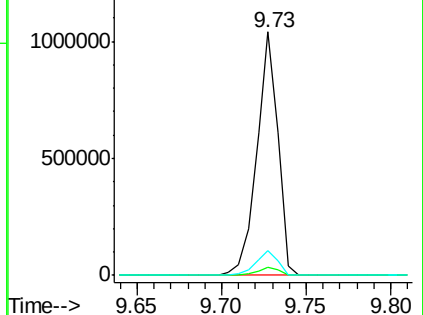
#49
Dimethylphthalate
Concen: 42.438 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 902845
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

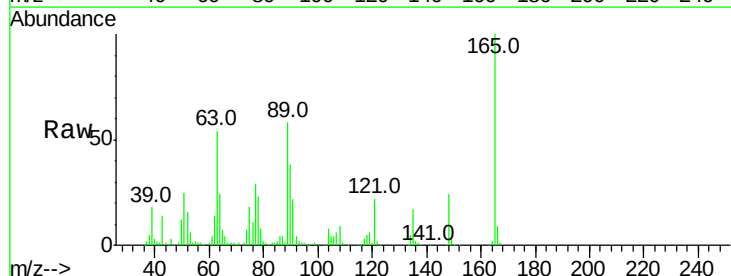


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

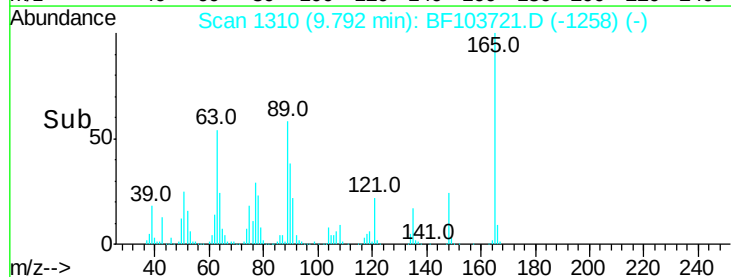
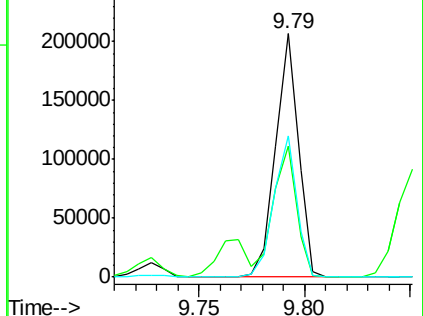


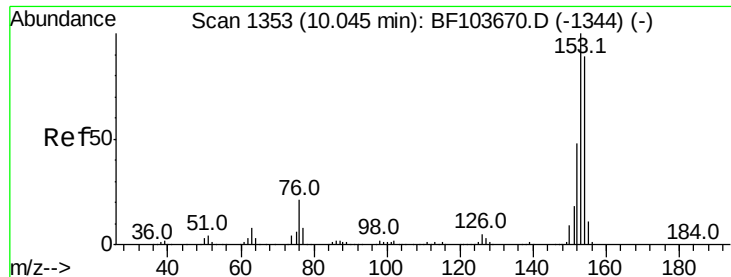
#50
2,6-Dinitrotoluene
Concen: 38.737 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion:165 Resp: 155973
Ion Ratio Lower Upper
165 100
63 53.9 44.7 67.1
89 57.8 44.0 66.0



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





#51

Acenaphthene

Concen: 33.381 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

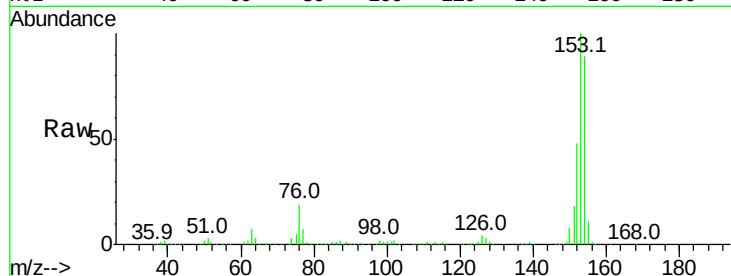
Tot Ion:154 Resp: 567631

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

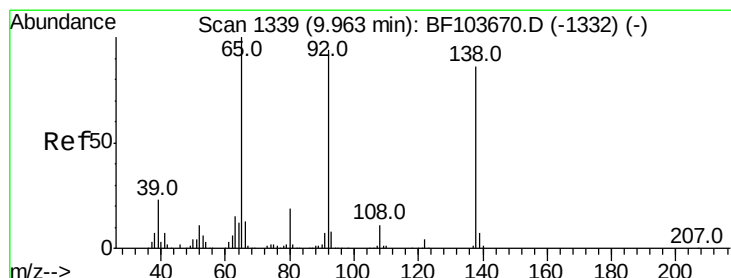
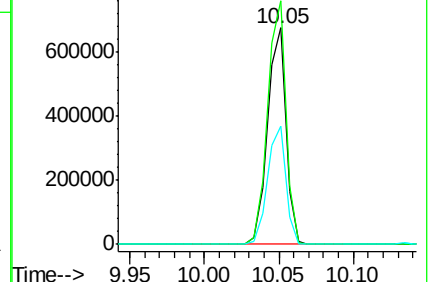
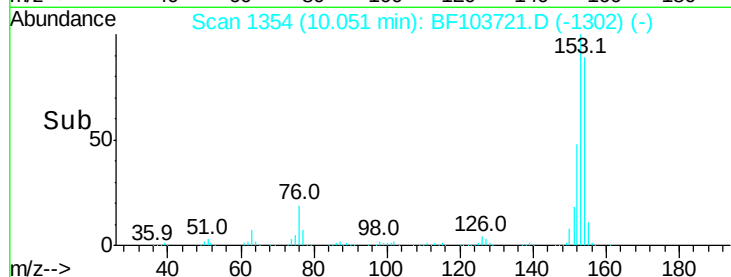
152 54.6 43.8 65.8



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: 28.888 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

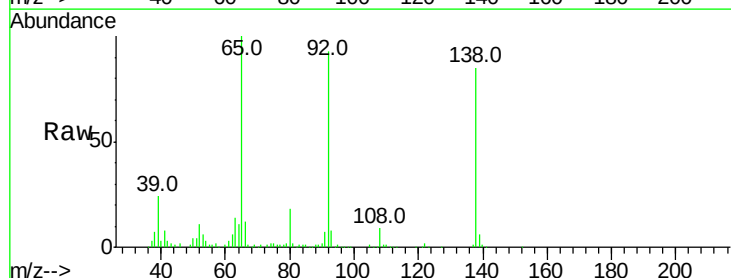
Tgt Ion:138 Resp: 134349

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

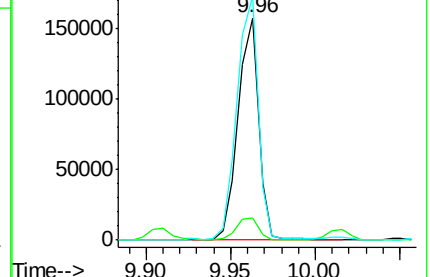
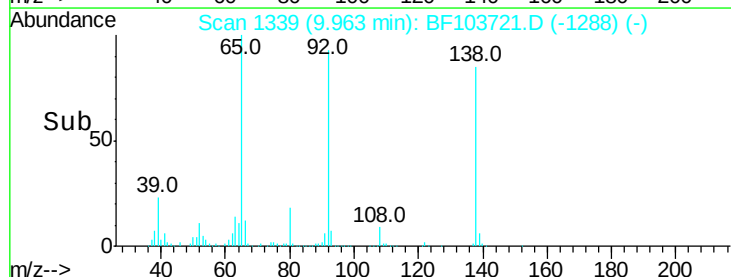
92 109.4 89.4 134.2

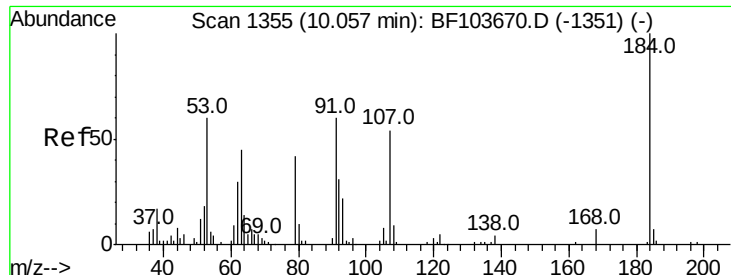


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 15.118 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampled :

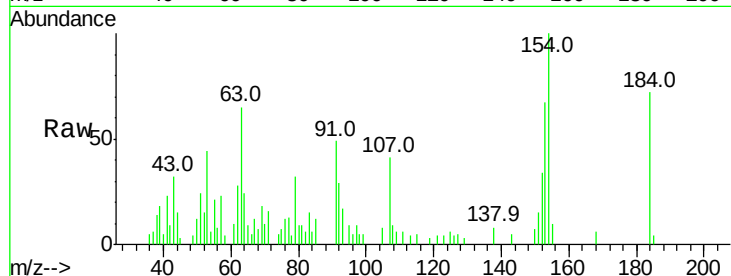
Tot Ion:184 Resp: 5398

Ion Ratio Lower Upper

184 100

63 90.4 54.2 81.2#

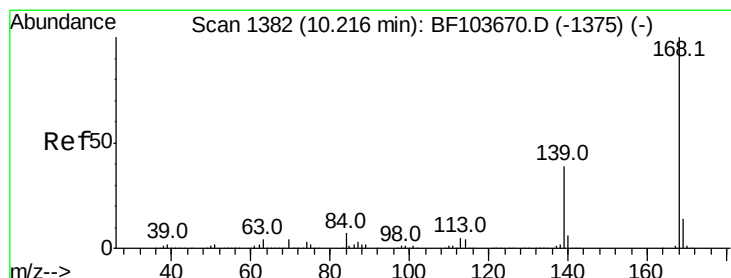
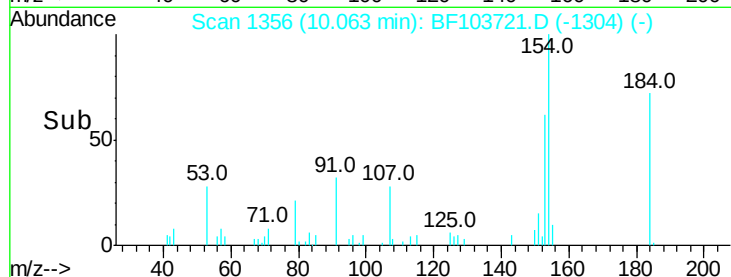
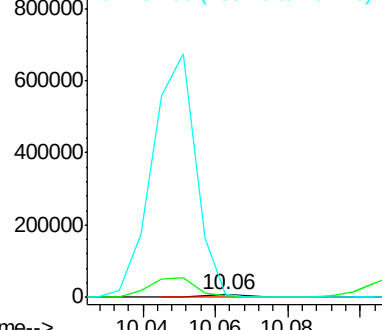
154 138.4 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 34.992 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

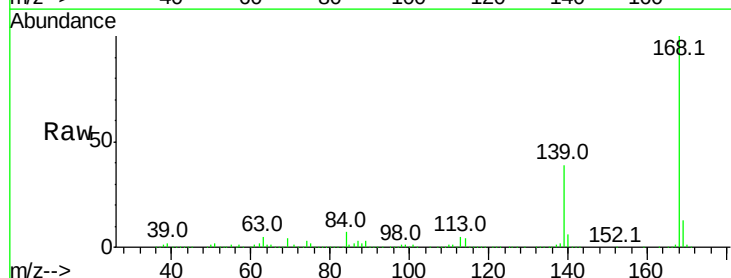
Tgt Ion:168 Resp: 849809

Ion Ratio Lower Upper

168 100

139 38.7 30.1 45.1

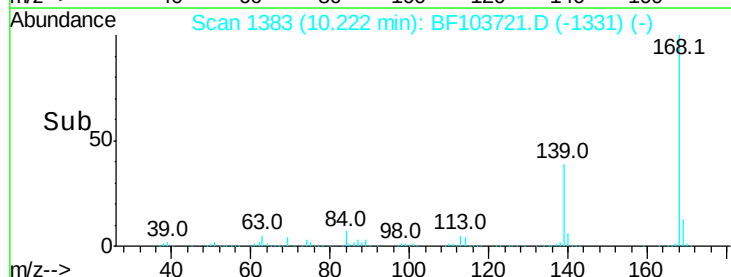
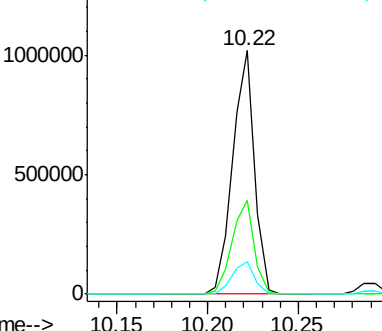
169 13.4 10.9 16.3

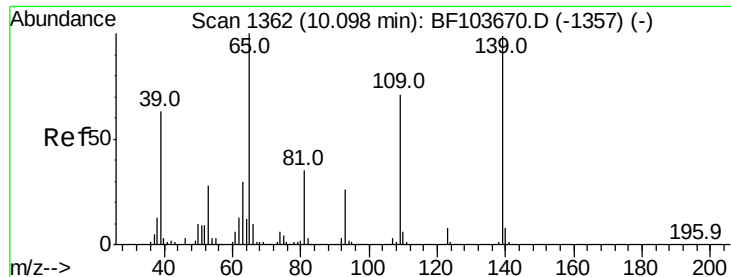


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

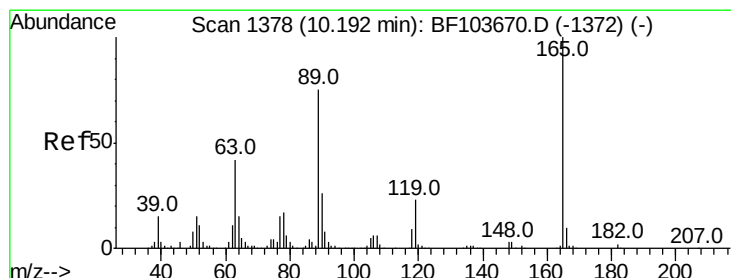
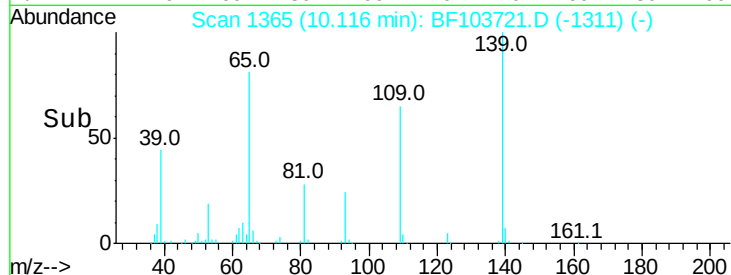
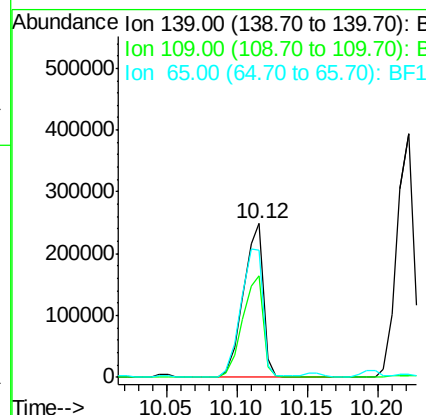
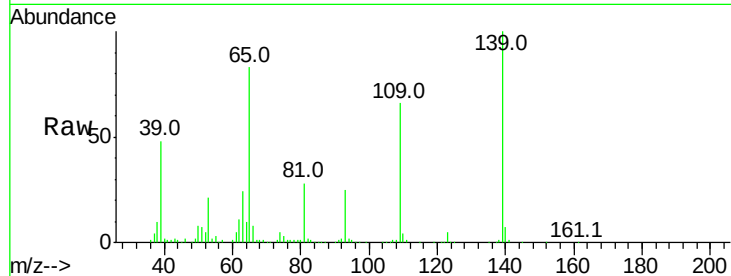




#55
4-Nitrophenol
Concen: 63.747 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

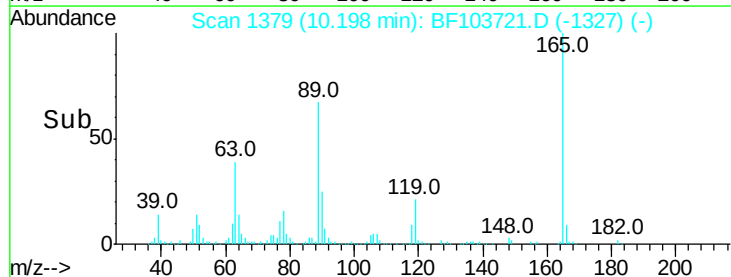
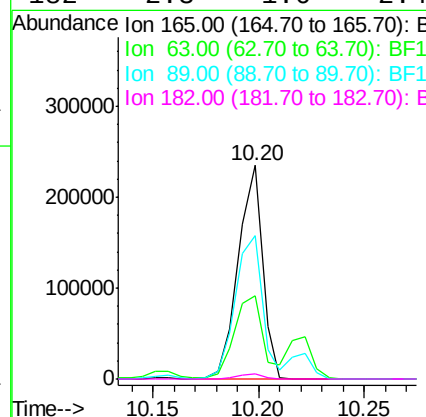
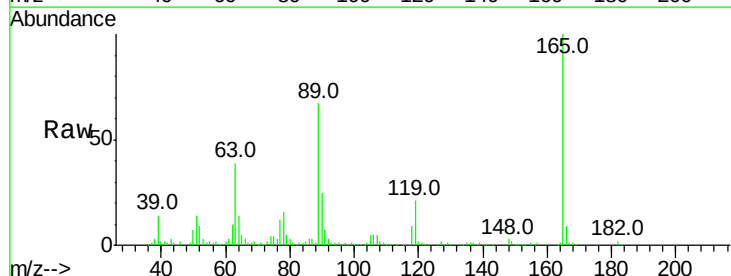
Instrument :
BNA_F
ClientSampleId :

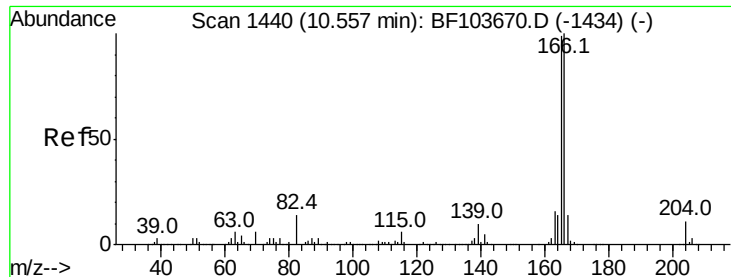
Tot Ion:139 Resp: 244101
Ion Ratio Lower Upper
139 100
109 65.9 48.4 88.4
65 83.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.536 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion:165 Resp: 187597
Ion Ratio Lower Upper
165 100
63 38.9 36.4 54.6
89 67.3 57.8 86.6
182 2.3 1.6 2.4

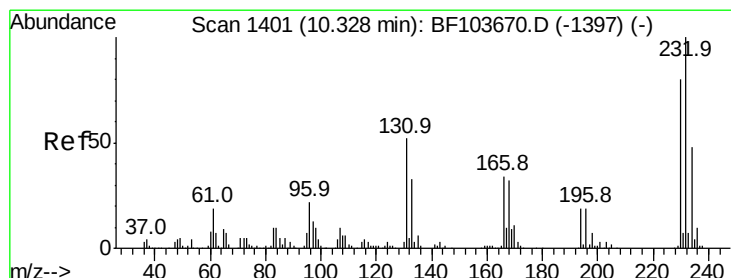
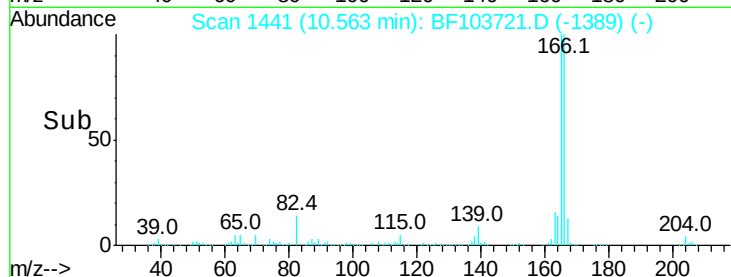
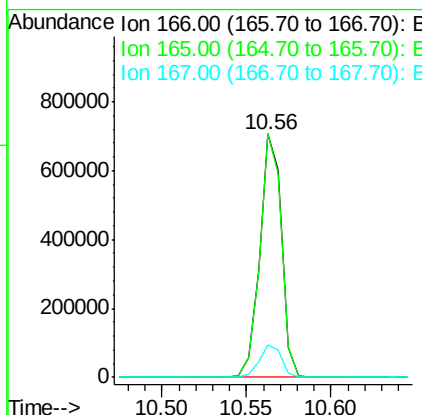
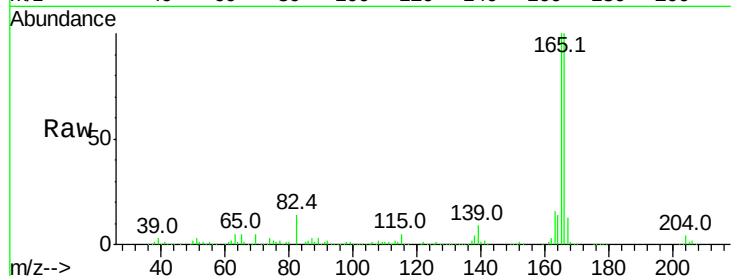




#57
 Fluorene
 Concen: 33.304 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

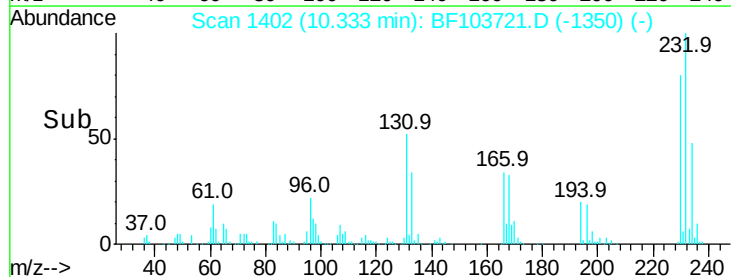
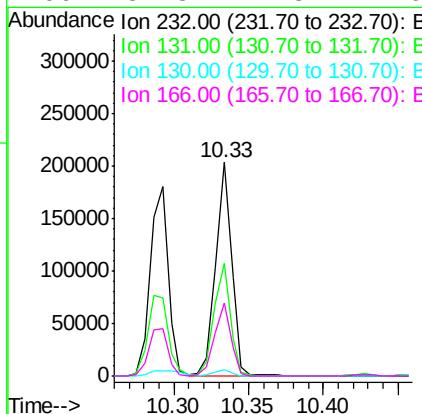
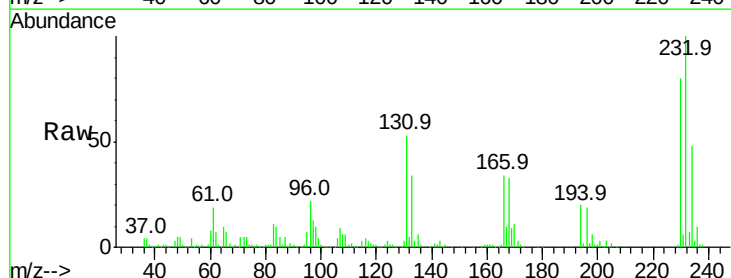
Instrument :
 BNA_F
 ClientSampleId :

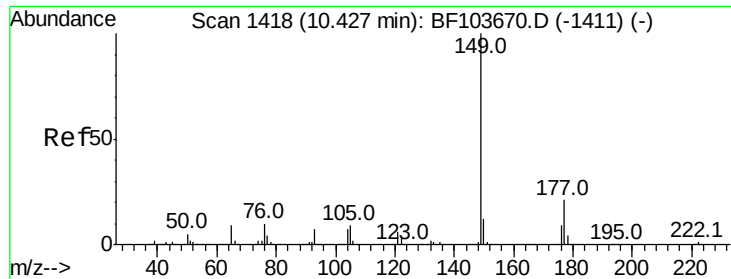
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.719 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.2	43.8	65.8
130	2.8	2.1	3.1
166	34.3	27.8	41.6

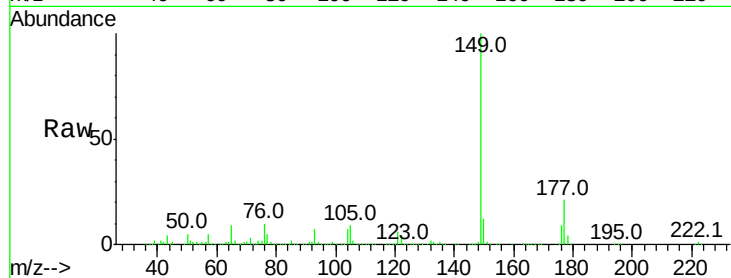




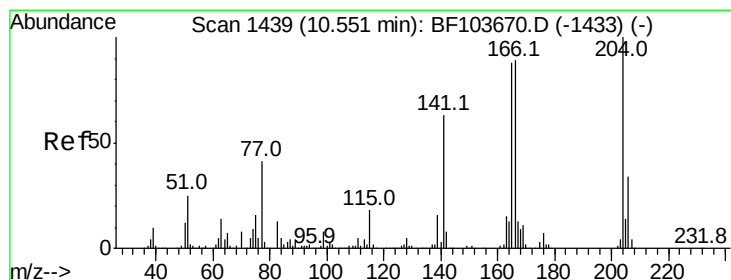
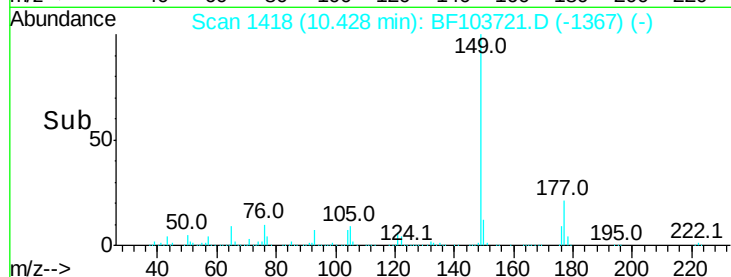
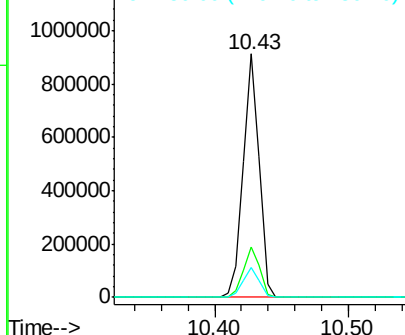
#59
Diethylphthalate
Concen: 35.834 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 756657
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.5 10.1 15.1

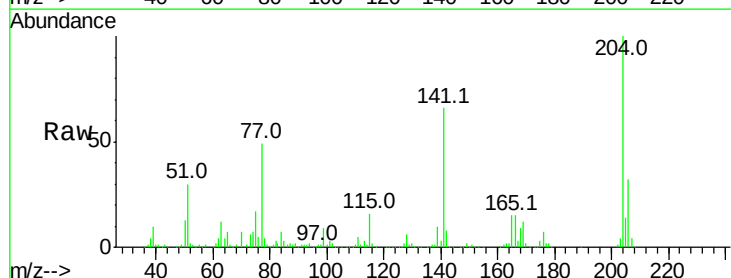


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

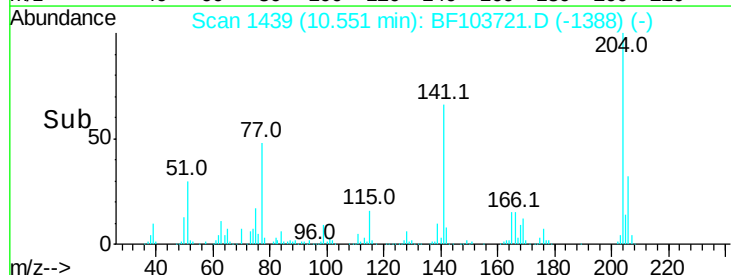
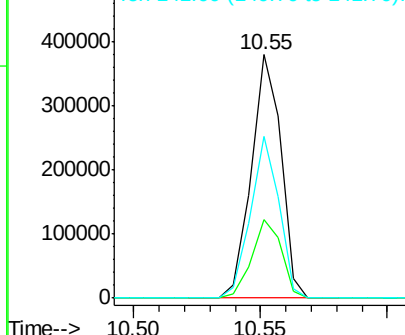


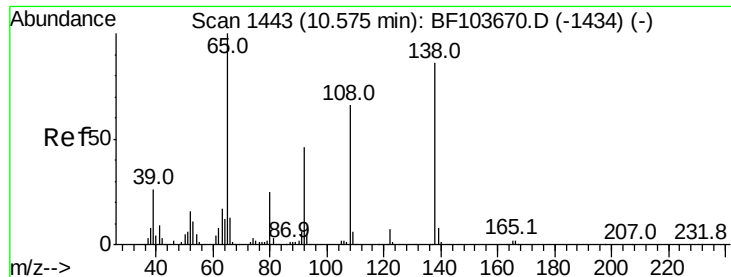
#60
4-Chlorophenyl-phenylether
Concen: 36.001 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion:204 Resp: 310060
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 66.3 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

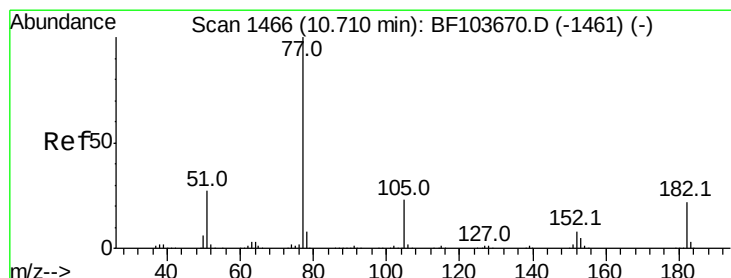
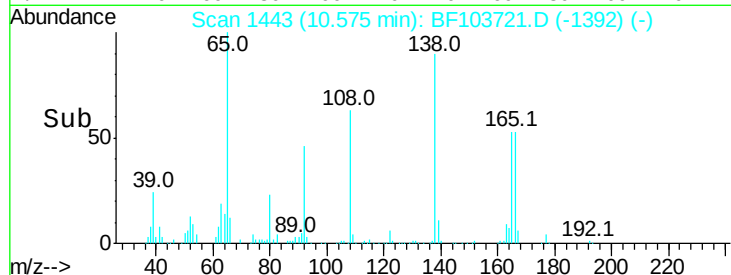
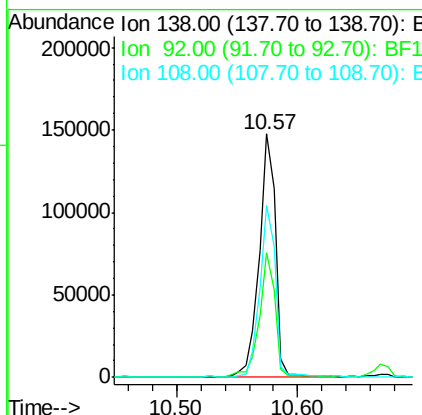
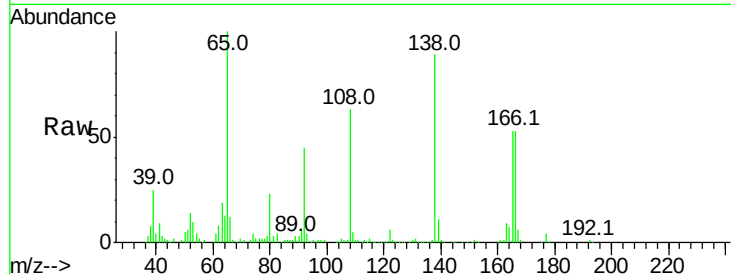




#61
4-Nitroaniline
Concen: 31.195 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

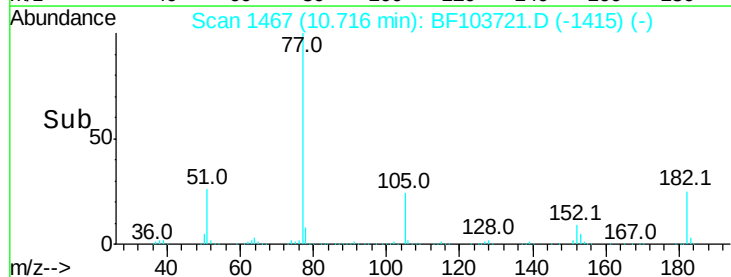
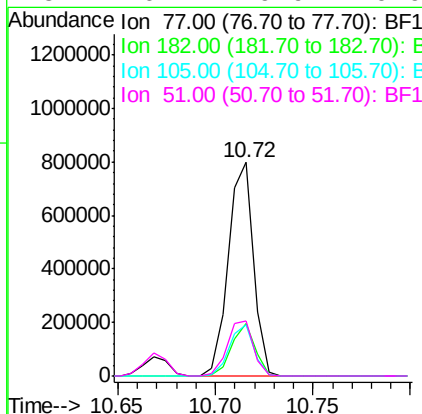
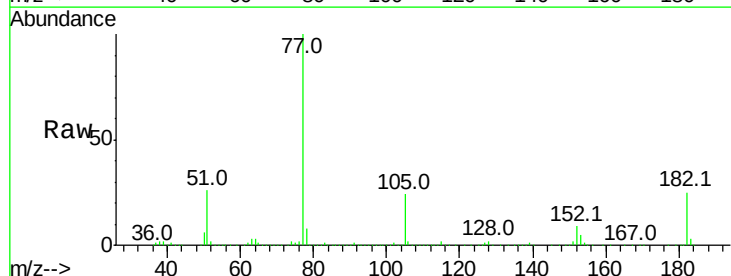
Instrument :
BNA_F
ClientSampled :

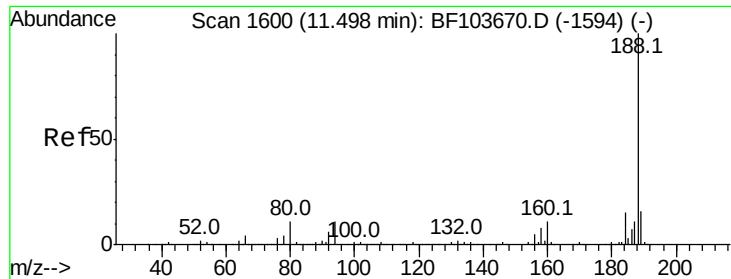
Tot Ion:138 Resp: 141328
Ion Ratio Lower Upper
138 100
92 50.9 30.2 70.2
108 70.7 52.5 92.5



#62
Azobenzene
Concen: 33.122 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion: 77 Resp: 711053
Ion Ratio Lower Upper
77 100
182 24.8 1.7 41.7
105 24.1 3.0 43.0
51 26.1 9.9 49.9

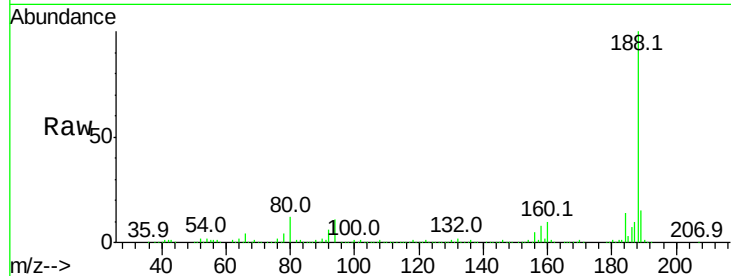




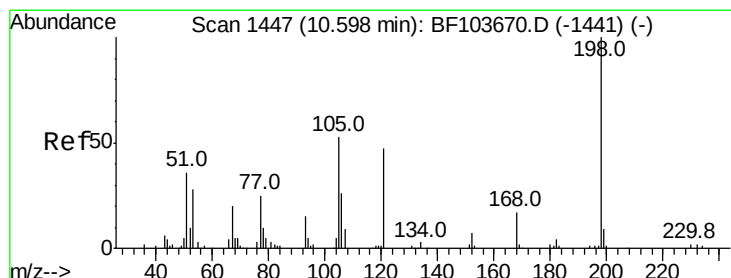
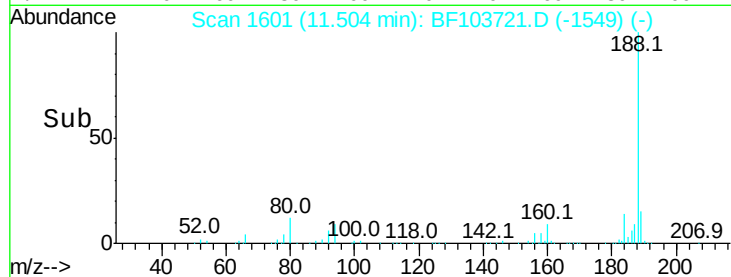
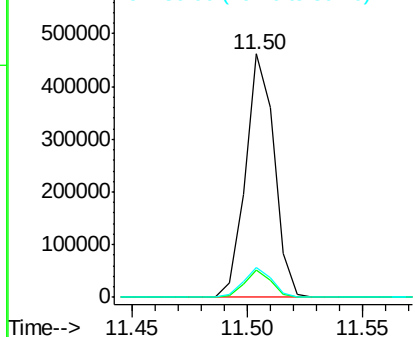
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 401451
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.0 9.2 13.8

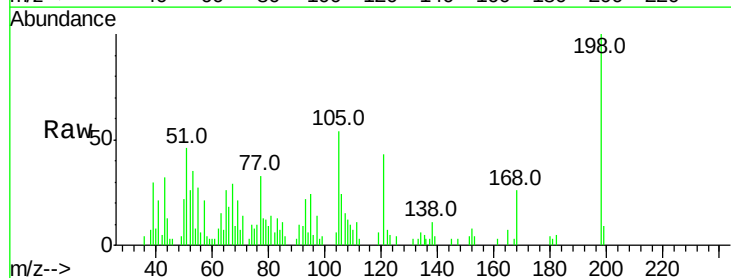


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

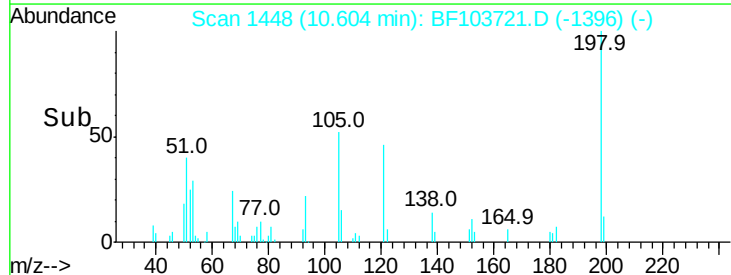
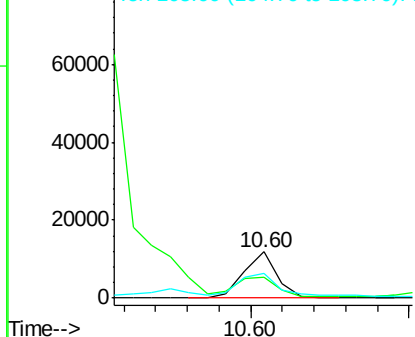


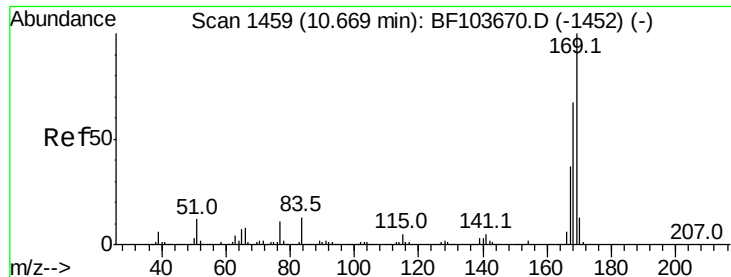
#64
 4,6-Dinitro-2-methylphenol
 Concen: 14.234 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion:198 Resp: 8555
 Ion Ratio Lower Upper
 198 100
 51 46.3 37.7 77.7
 105 53.6 36.3 76.3



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

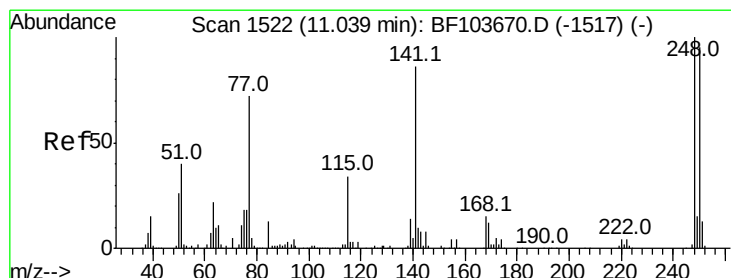
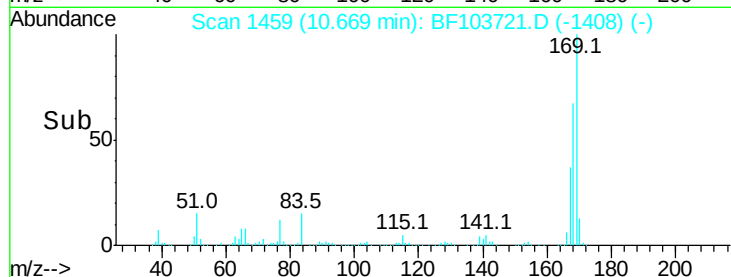
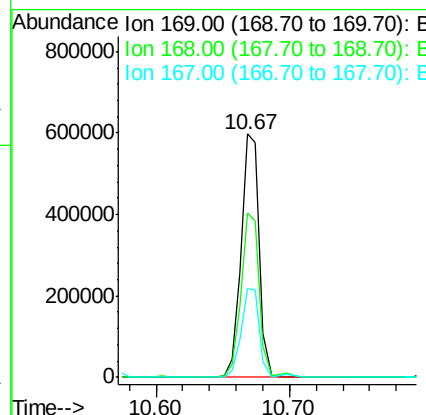
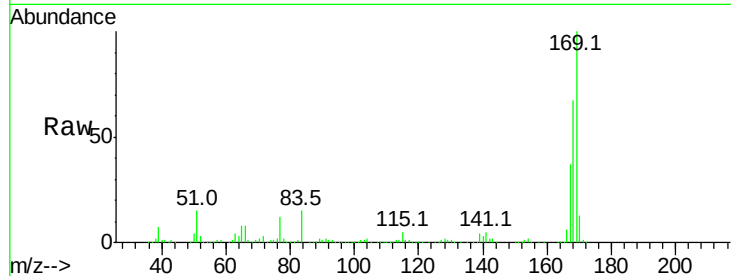




#65
 n-Nitrosodiphenylamine
 Concen: 41.303 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

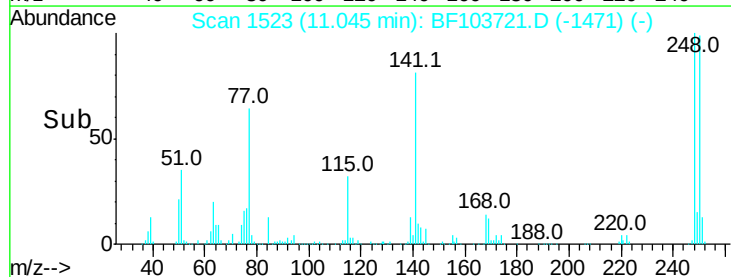
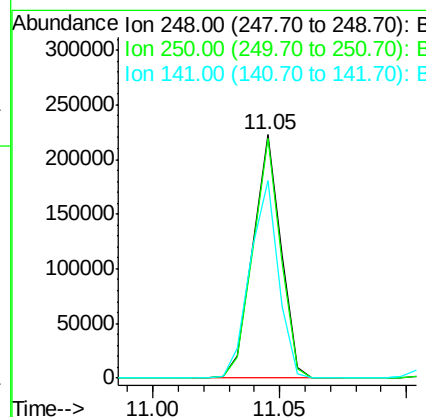
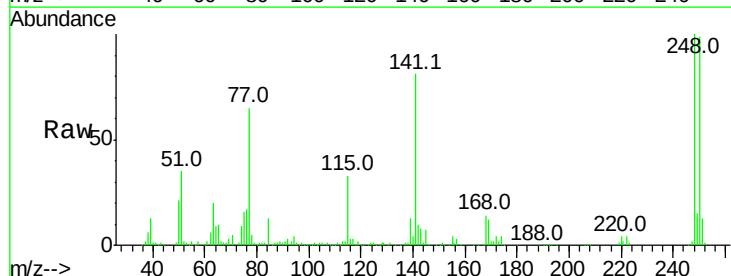
Instrument :
 BNA_F
 ClientSampleId :

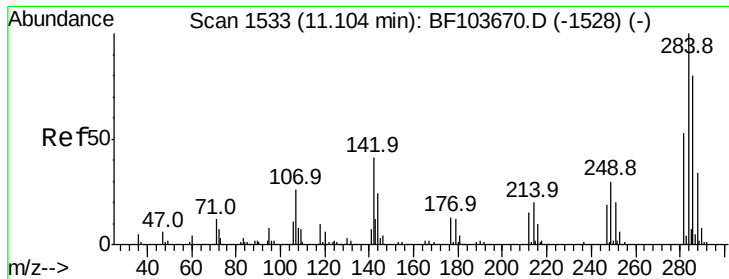
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	36.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.636 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.9	115.3
141	81.0	74.4	111.6





#67

Hexachlorobenzene

Concen: 37.141 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

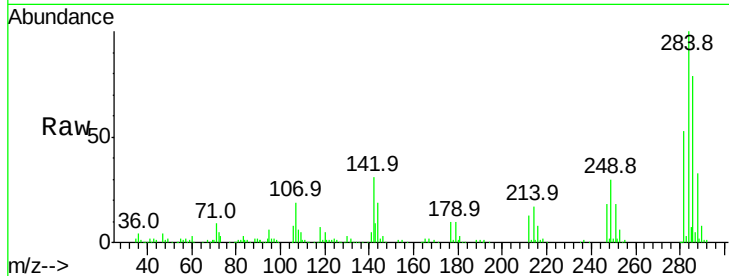
Tot Ion:284 Resp: 174729

Ion Ratio Lower Upper

284 100

142 30.8 34.6 52.0#

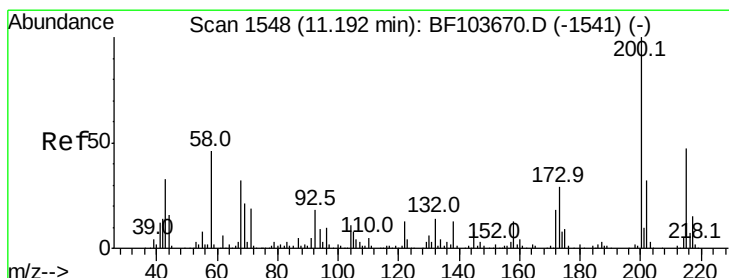
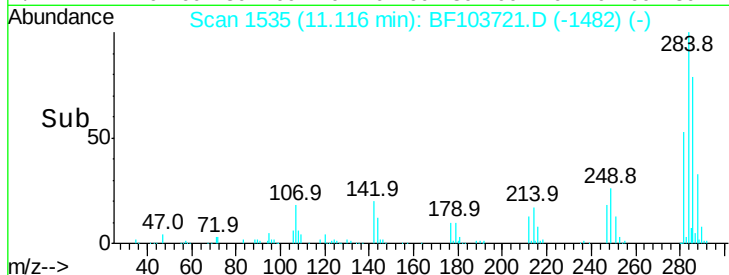
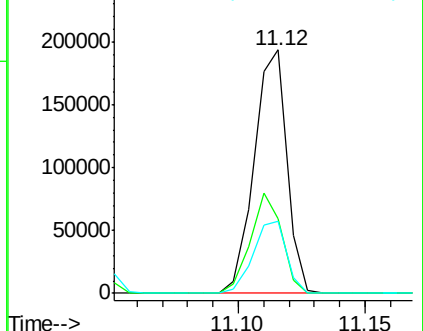
249 29.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.062 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

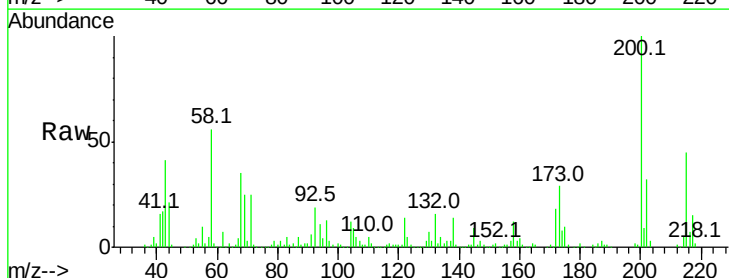
Tgt Ion:200 Resp: 169345

Ion Ratio Lower Upper

200 100

173 28.7 8.6 48.6

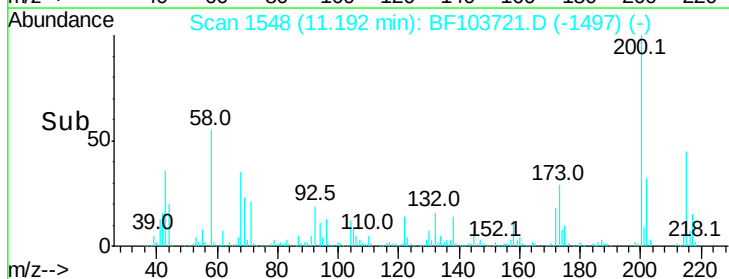
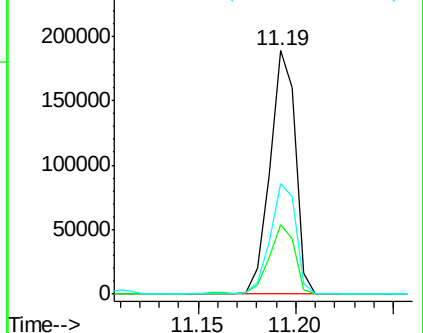
215 45.2 25.1 65.1

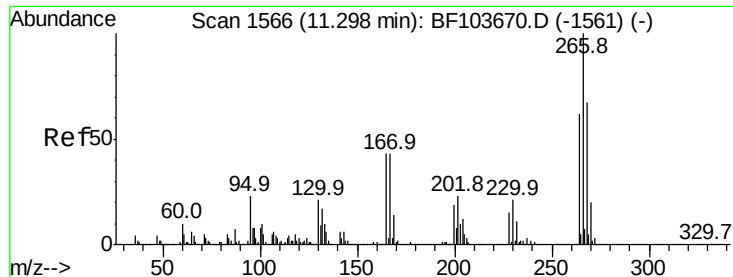


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

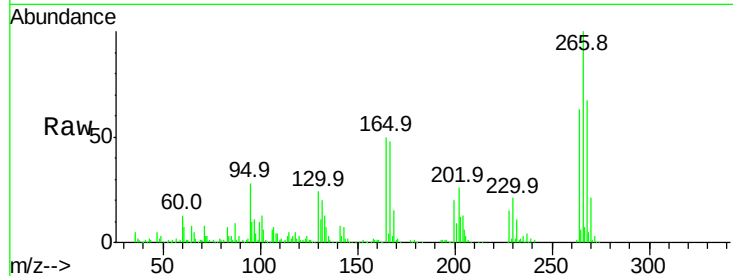




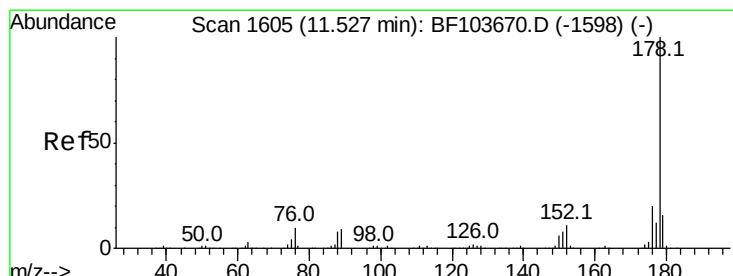
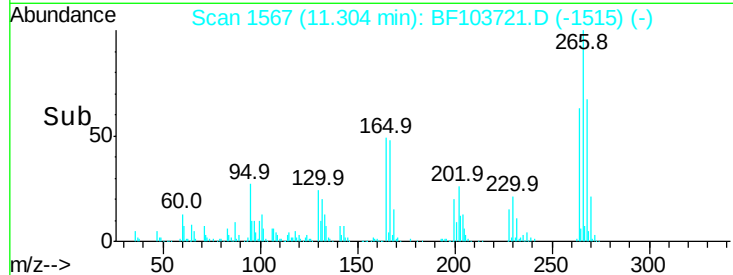
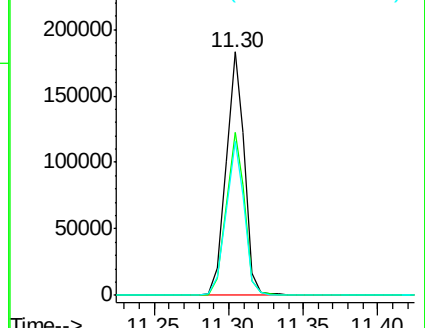
#69
 Pentachlorophenol
 Concen: 59.331 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	51.1	76.7
264	63.4	49.5	74.3

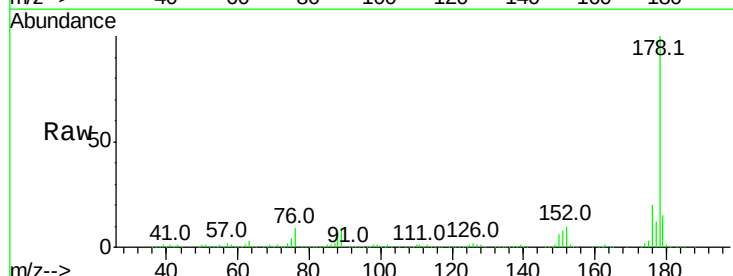


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

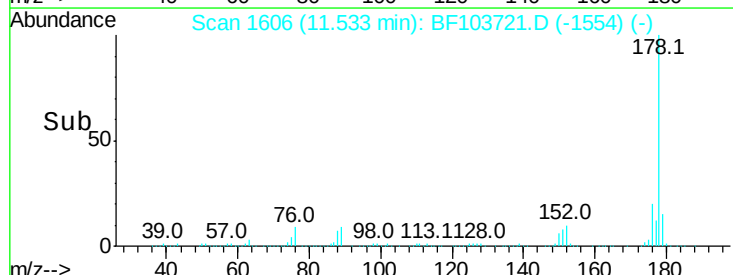
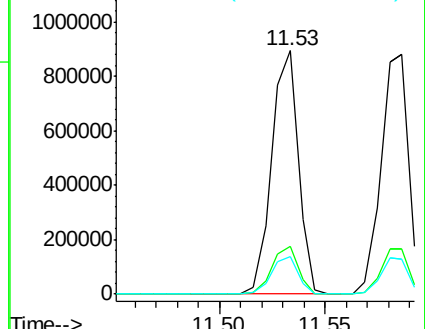


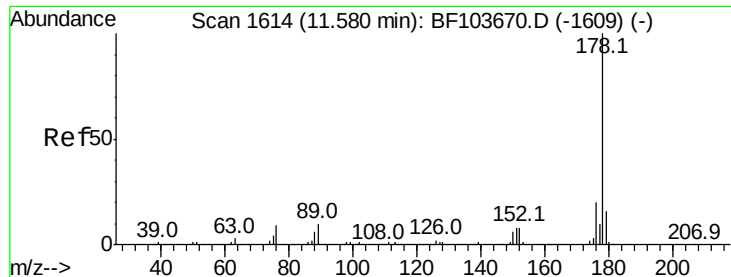
#70
 Phenanthrene
 Concen: 35.877 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	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

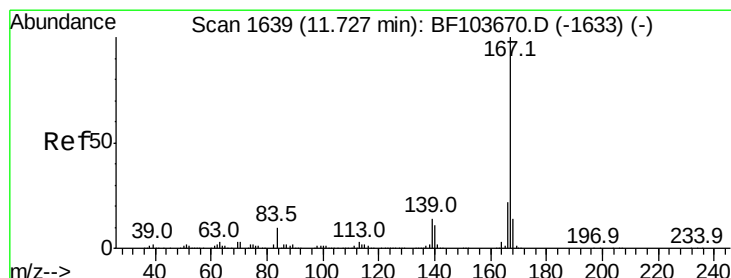
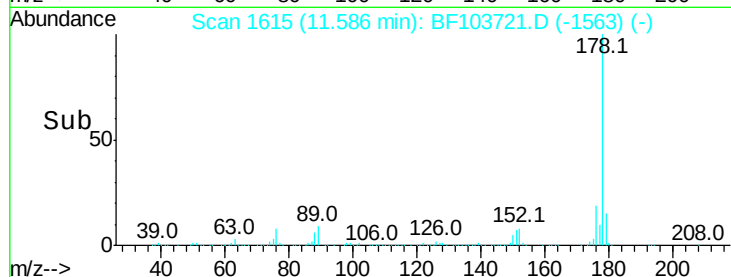
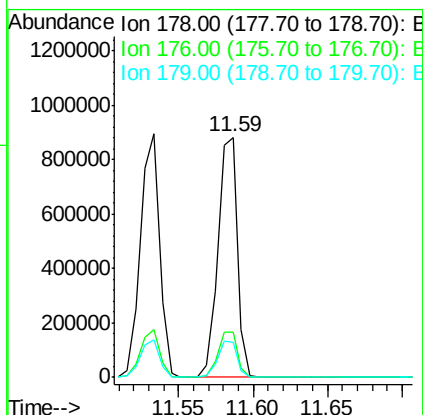
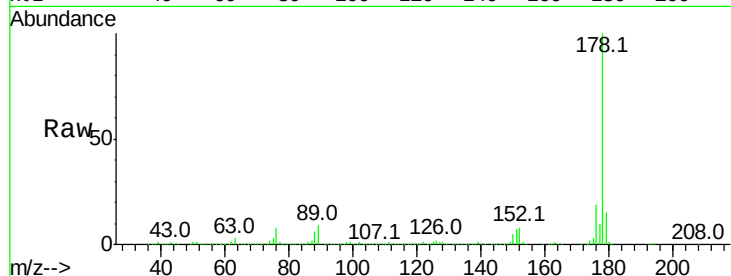




#71
 Anthracene
 Concen: 36.187 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

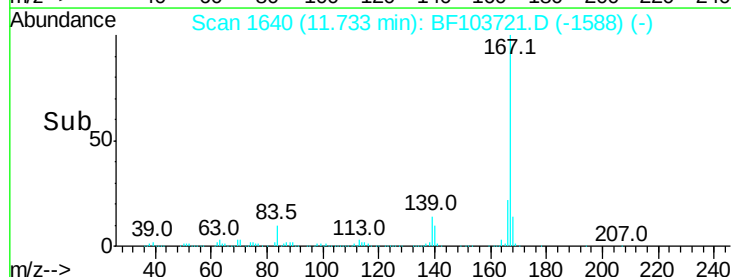
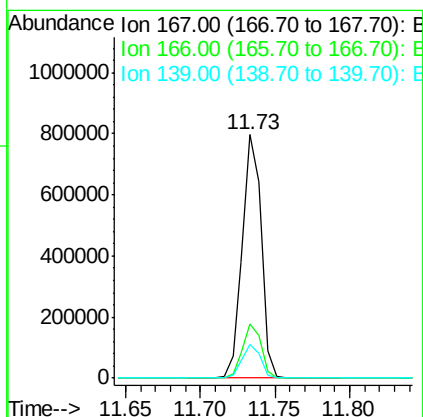
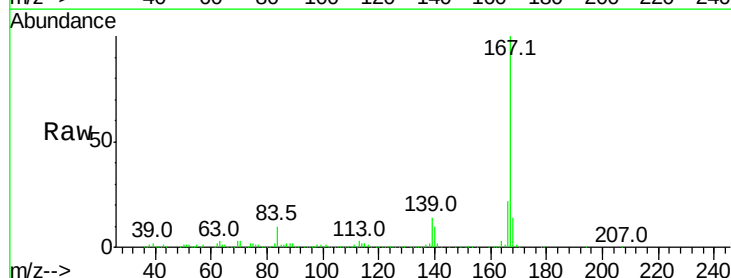
Instrument :
 BNA_F
 ClientSampled :

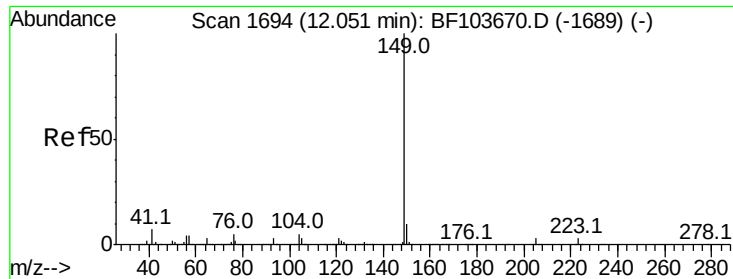
Tot Ion:178 Resp: 807125
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 32.681 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BF103721.D
 Acq: 17 Mar 2018 2:26

Tgt Ion:167 Resp: 708482
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.189 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

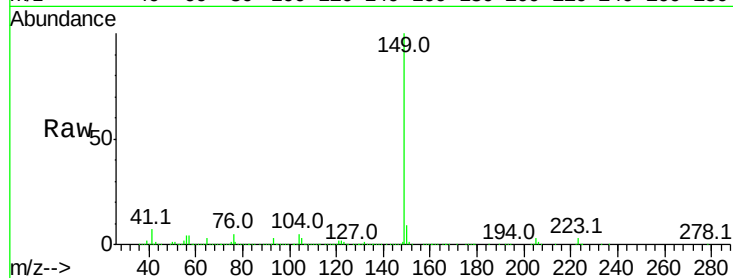
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1045397

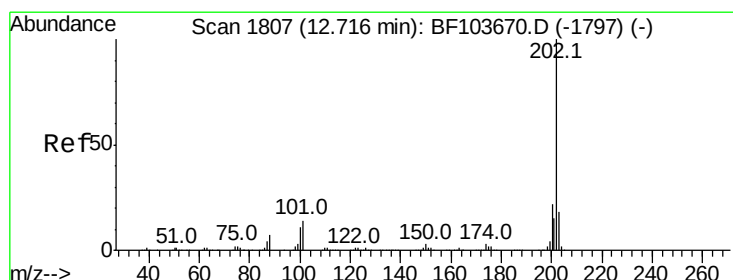
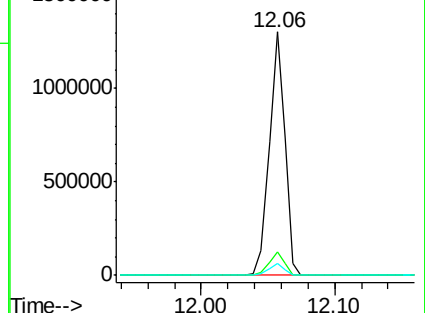
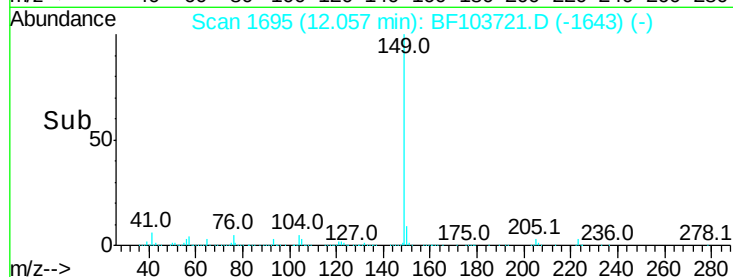
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.9	3.8	5.8



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: 33.445 ng

RT: 12.72 min Scan# 1808

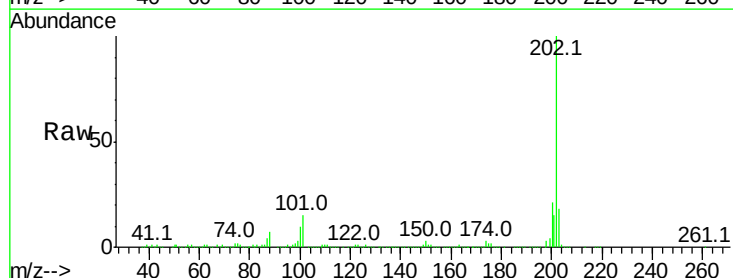
Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:202 Resp: 756660

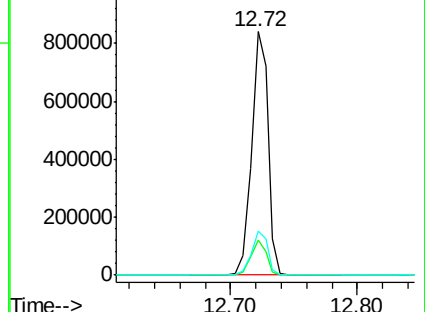
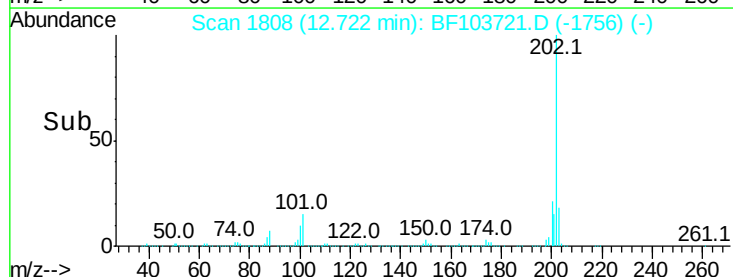
Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	18.1	0.0	38.1

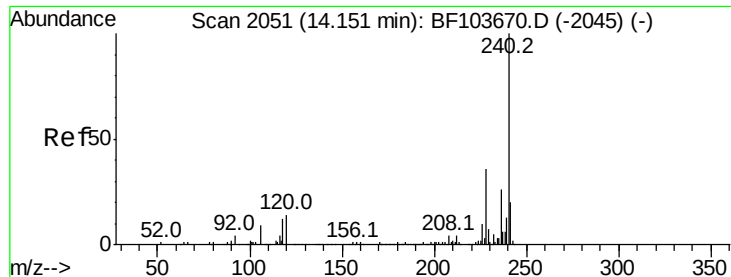


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

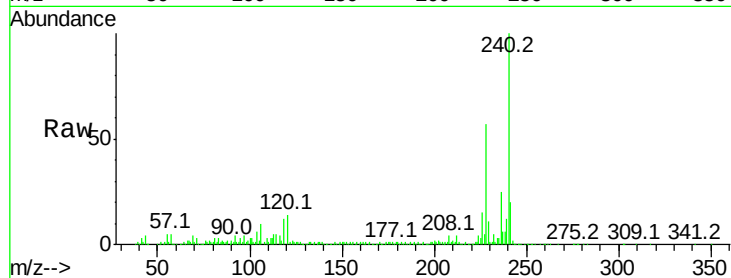
Tot Ion:240 Resp: 303366

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

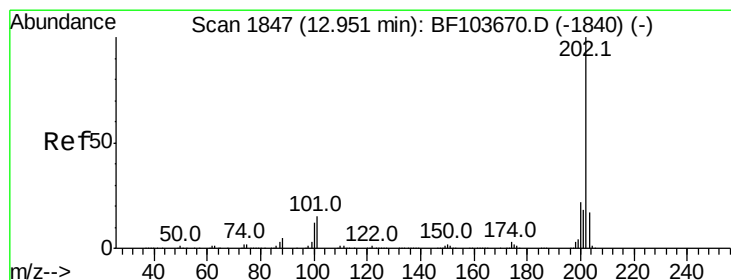
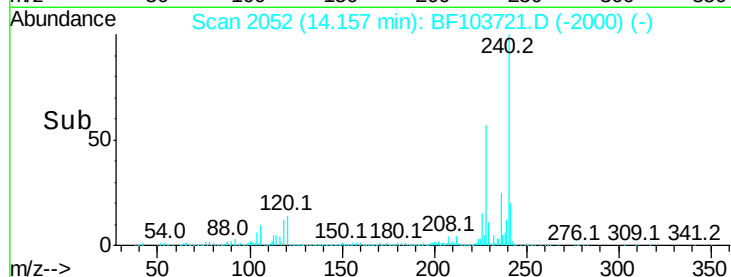
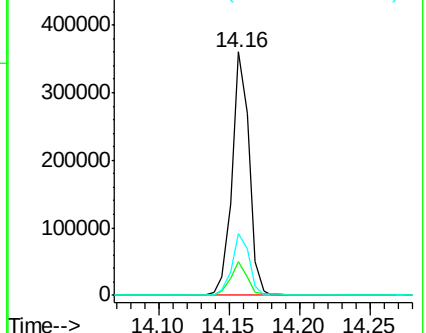
236 25.3 20.7 31.1



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



#77

Pyrene

Concen: 34.383 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

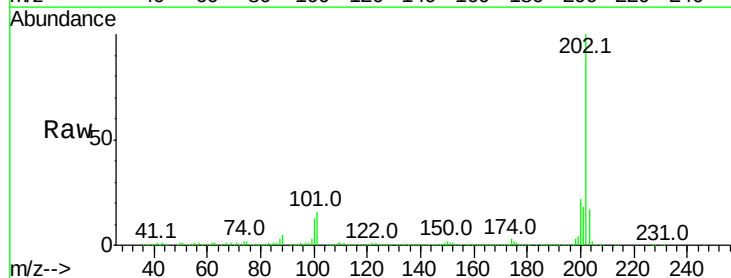
Tgt Ion:202 Resp: 766022

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

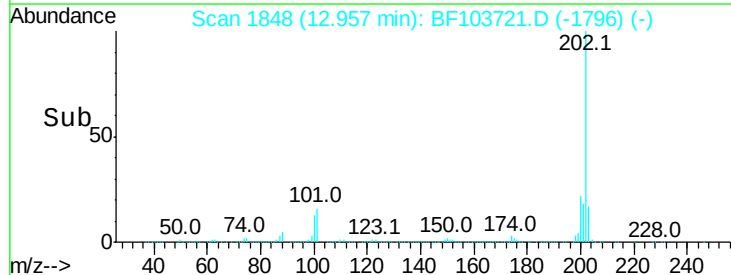
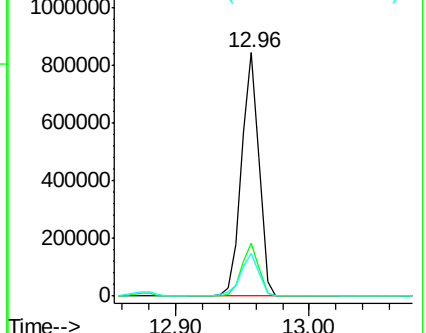
203 17.4 14.3 21.5

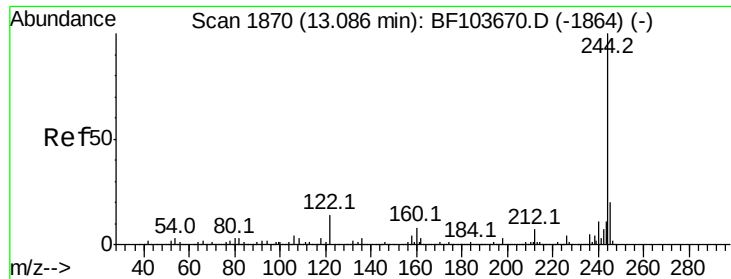


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 83.369 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

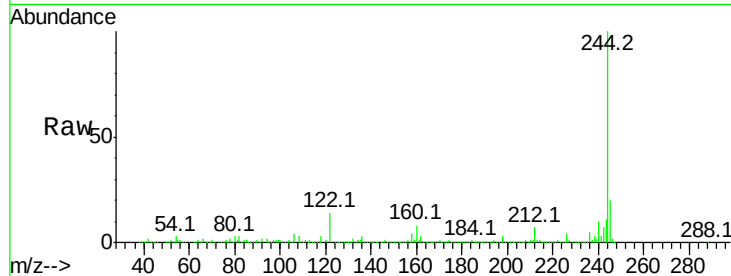
Tot Ion:244 Resp: 1089603

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

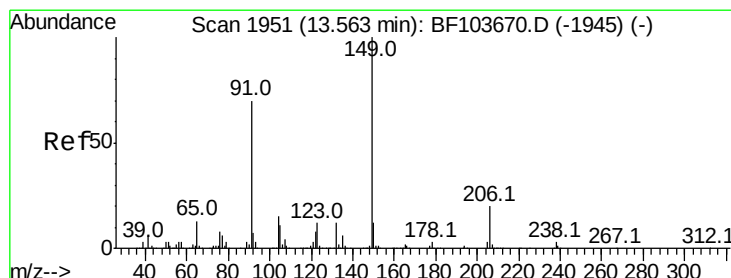
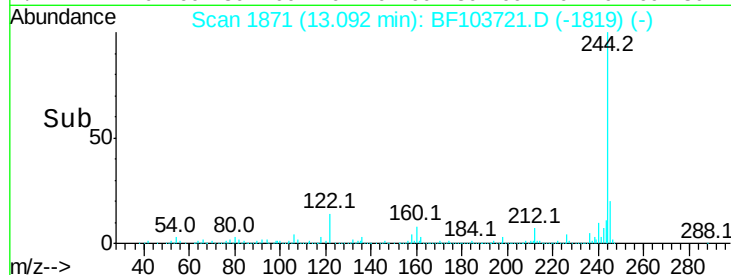
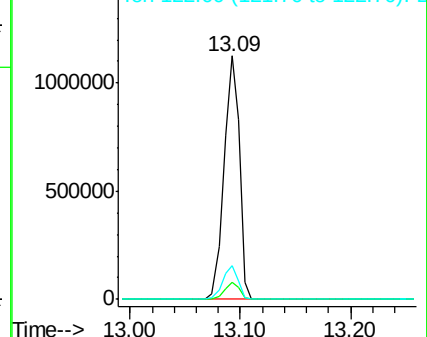
122 14.0 11.0 16.4



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: 38.999 ng

RT: 13.56 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

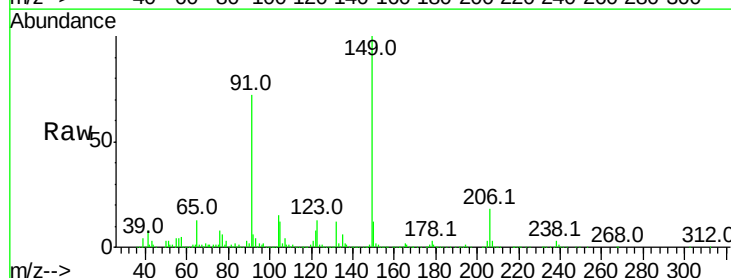
Tgt Ion:149 Resp: 384946

Ion Ratio Lower Upper

149 100

91 72.2 56.8 85.2

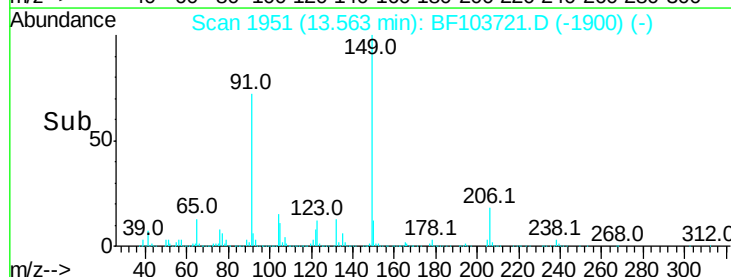
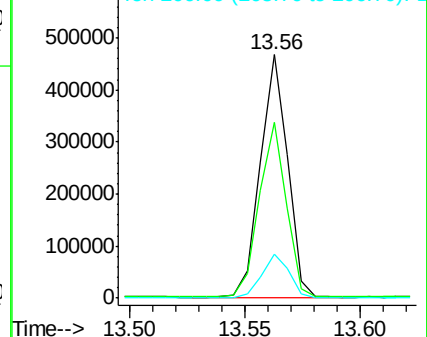
206 18.0 14.1 21.1

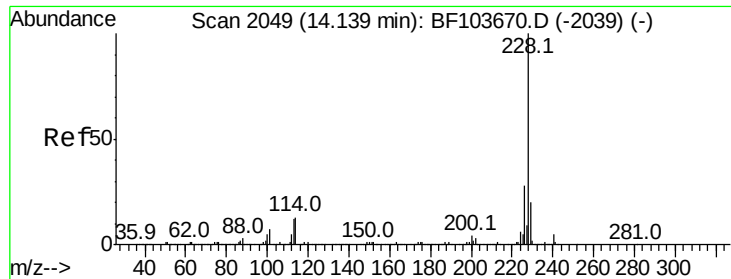


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 36.215 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

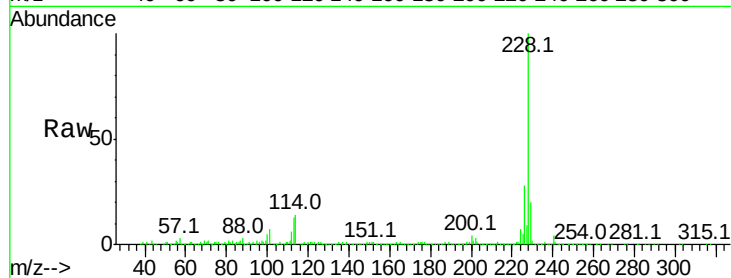
Tot Ion:228 Resp: 695439

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

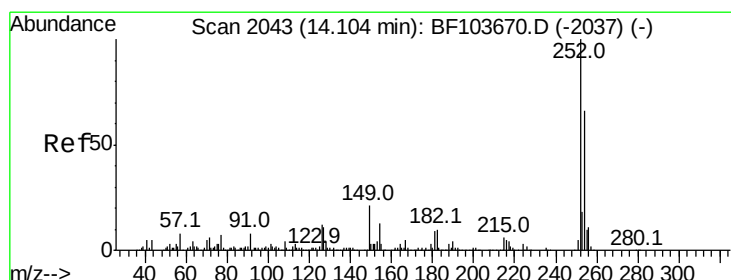
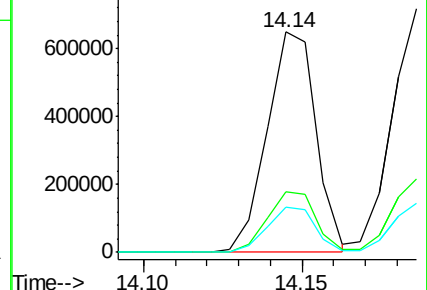
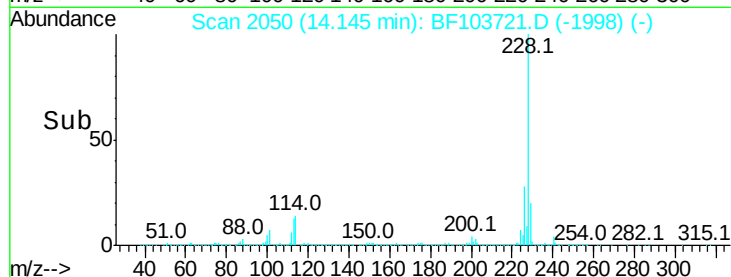
229 20.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 9.738 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

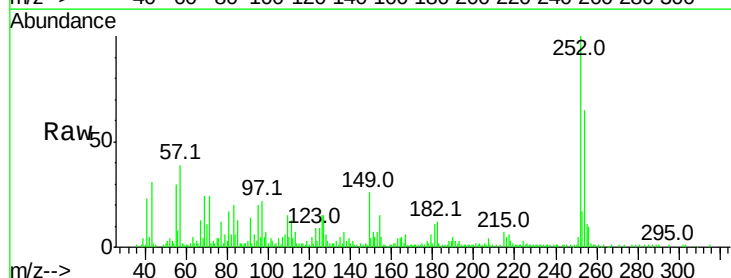
Tgt Ion:252 Resp: 62549

Ion Ratio Lower Upper

252 100

254 64.6 50.4 75.6

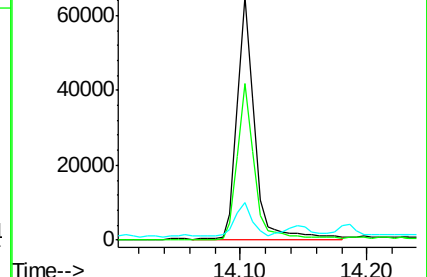
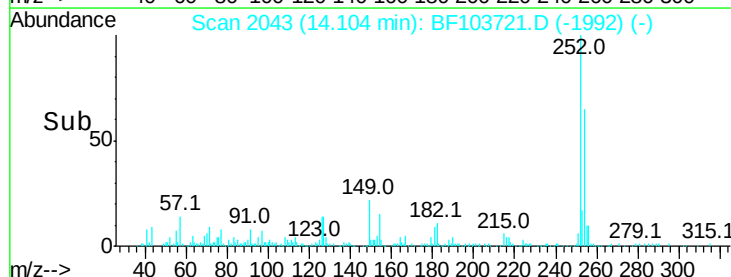
126 15.3 11.3 16.9

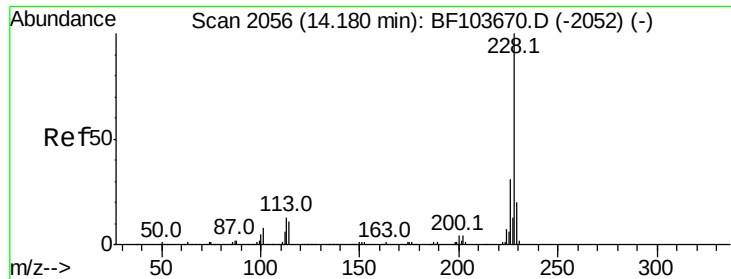


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 35.359 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

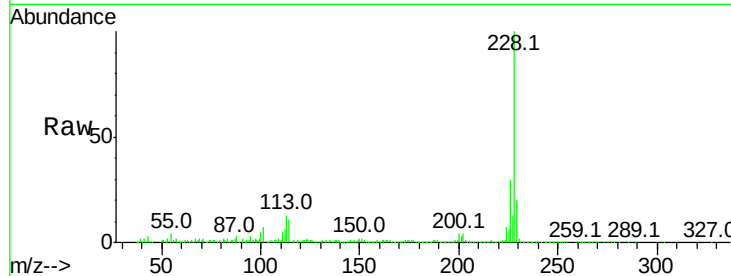
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 647254

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.3	16.2	24.4

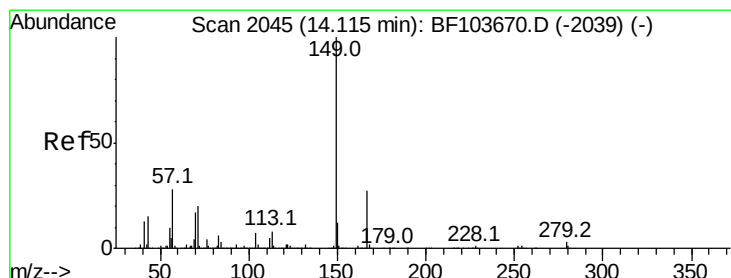
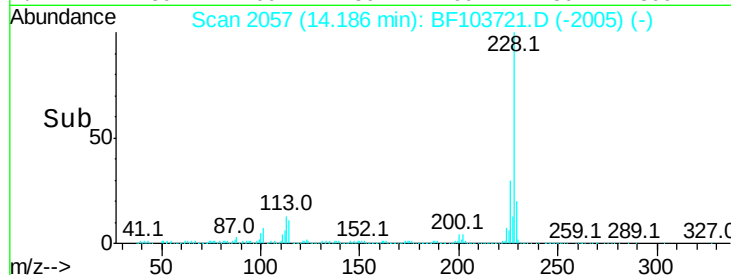
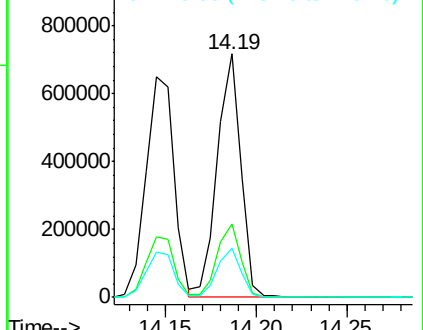


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 55.100 ng

RT: 14.12 min Scan# 2046

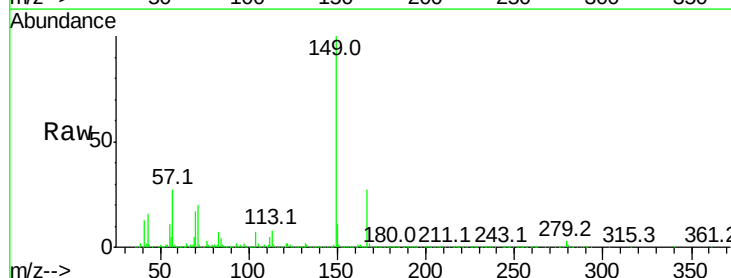
Delta R.T. 0.01 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:149 Resp: 776982

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.5	3.0	4.4

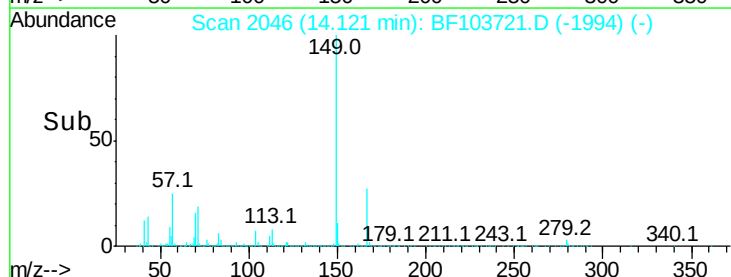
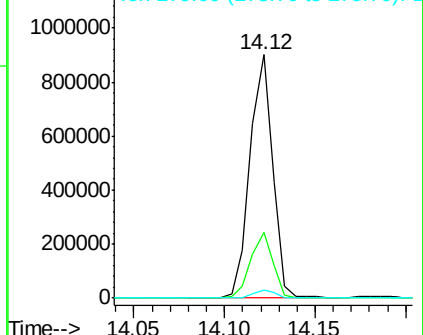


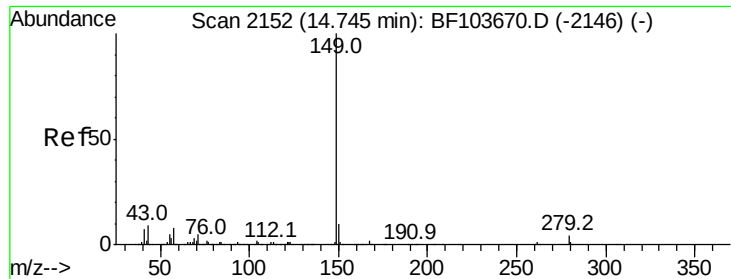
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 43.487 ng

RT: 14.74 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

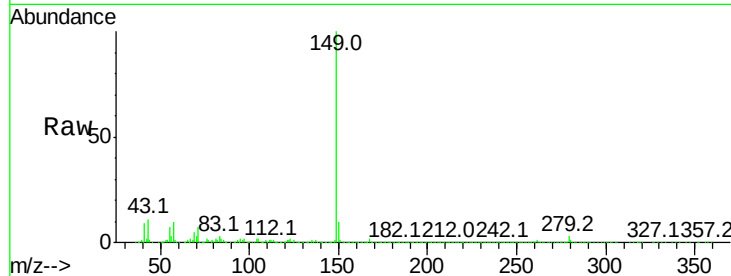
Tot Ion:149 Resp: 892123

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

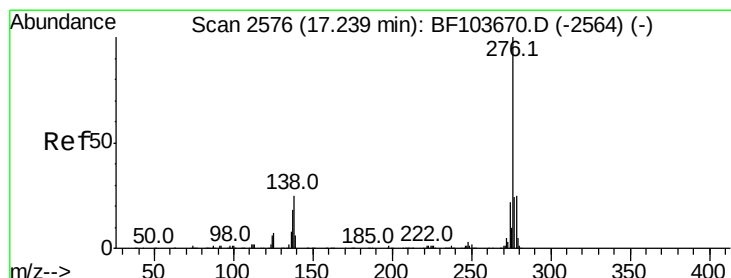
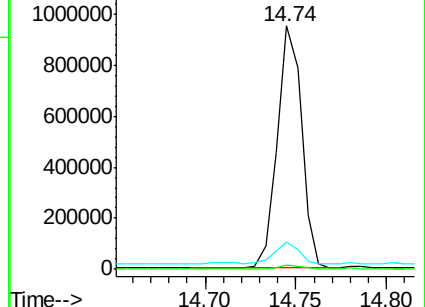
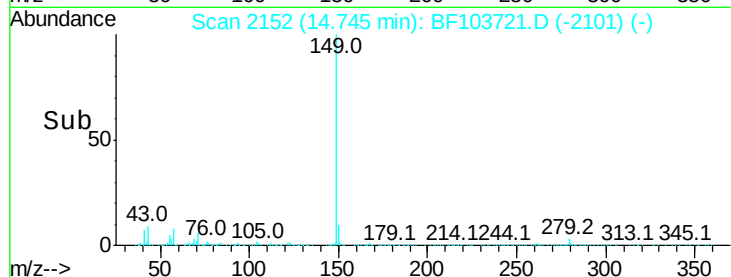
43 9.4 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 31.173 ng

RT: 17.27 min Scan# 2581

Delta R.T. 0.03 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

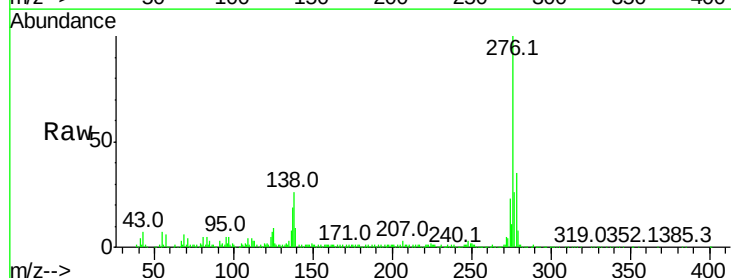
Tgt Ion:276 Resp: 498328

Ion Ratio Lower Upper

276 100

138 28.9 25.0 37.6

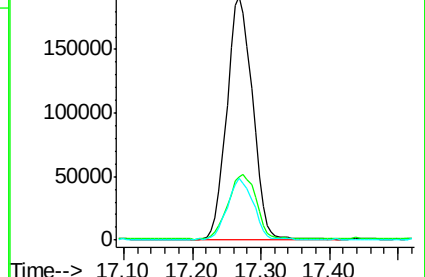
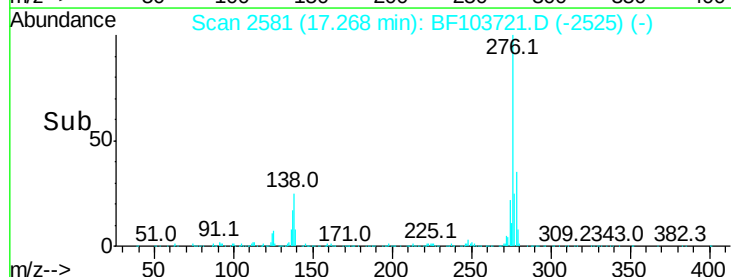
277 25.4 20.1 30.1

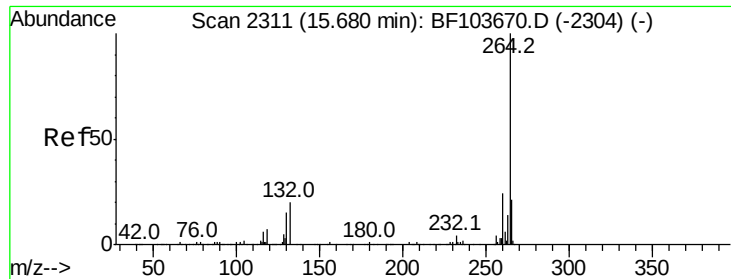


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

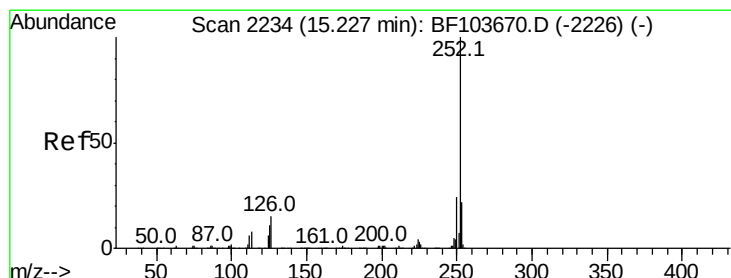
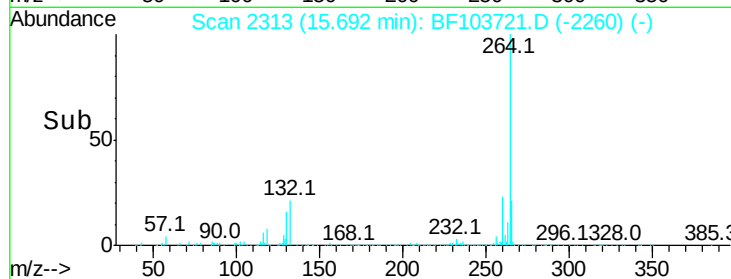
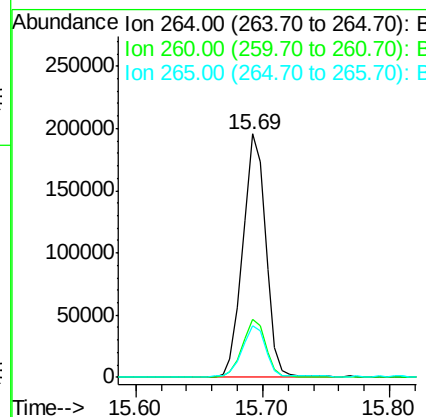
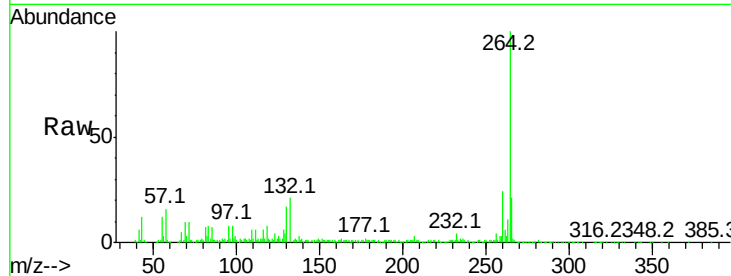




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

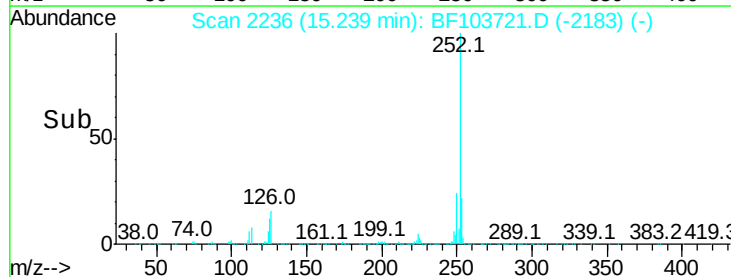
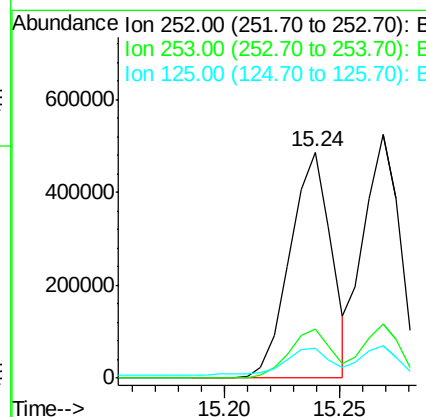
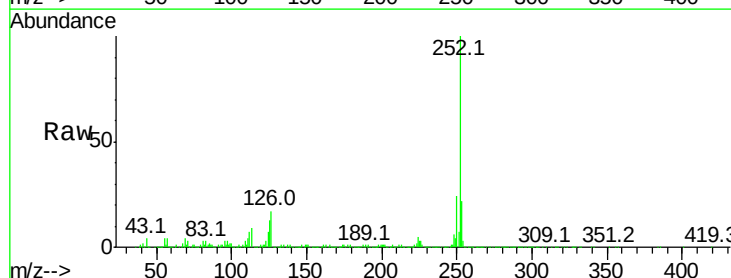
Instrument :
BNA_F
ClientSampled :

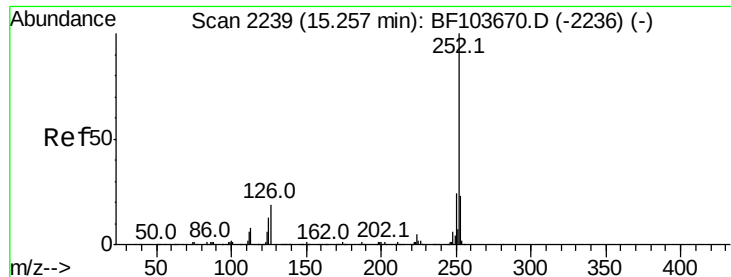
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 39.328 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103721.D
Acq: 17 Mar 2018 2:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	13.1	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 38.887 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.01 min

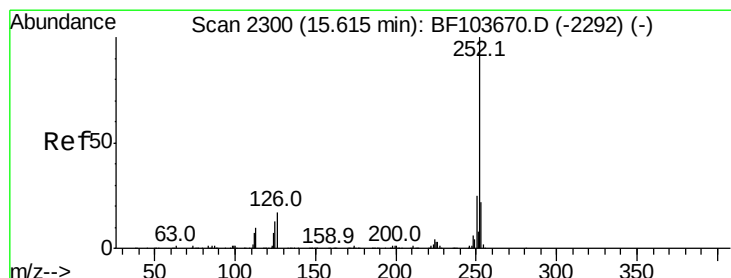
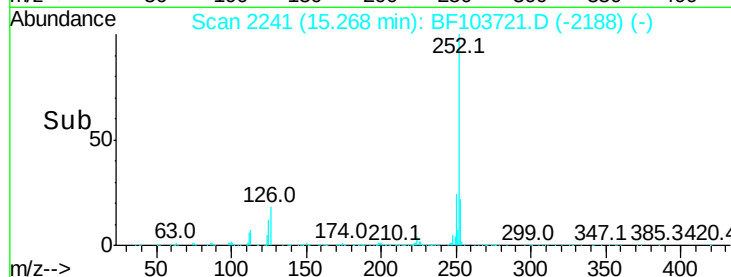
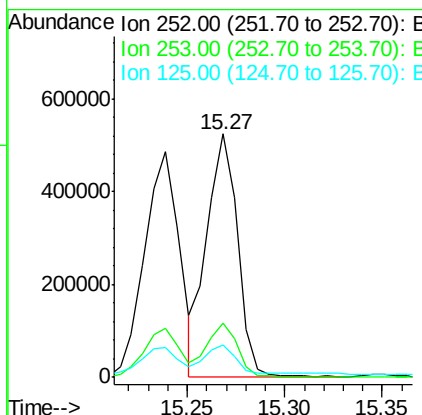
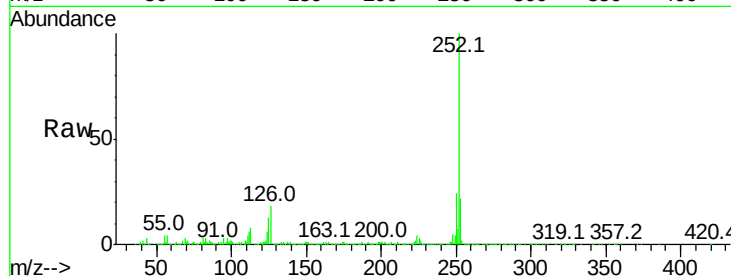
Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 571909

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.3	10.2	15.2



#89

Benzo(a)pyrene

Concen: 37.923 ng

RT: 15.63 min Scan# 2302

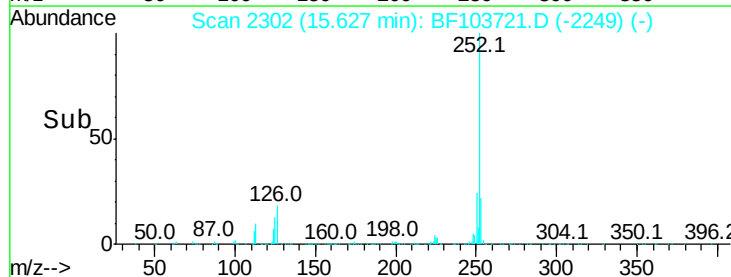
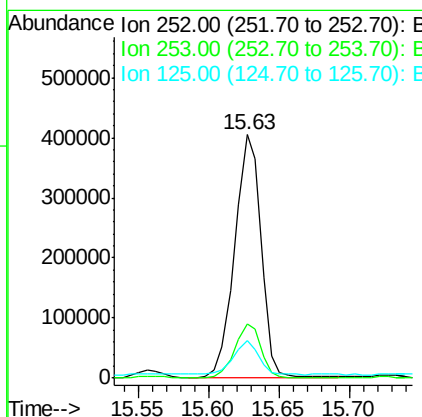
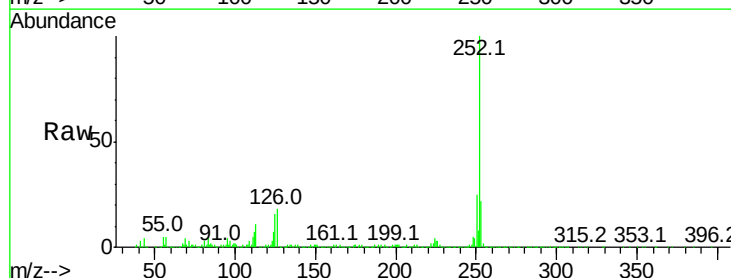
Delta R.T. 0.01 min

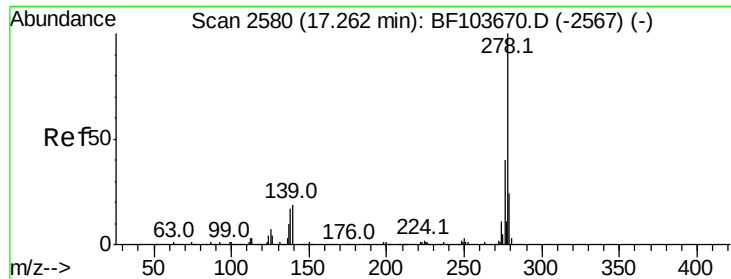
Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Tgt Ion:252 Resp: 526258

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	15.5	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 34.376 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.02 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

Instrument :

BNA_F

ClientSampleId :

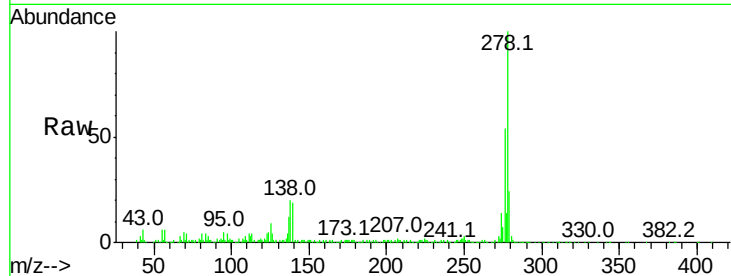
Tot Ion:278 Resp: 413058

Ion Ratio Lower Upper

278 100

139 19.3 15.9 23.9

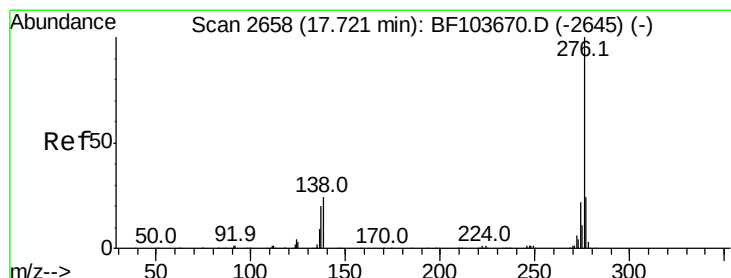
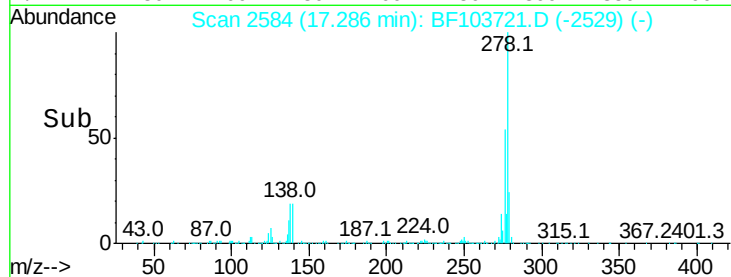
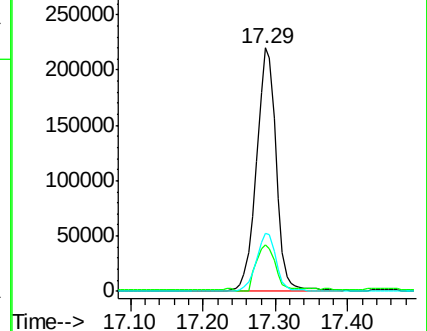
279 23.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 34.516 ng

RT: 17.75 min Scan# 2663

Delta R.T. 0.03 min

Lab File: BF103721.D

Acq: 17 Mar 2018 2:26

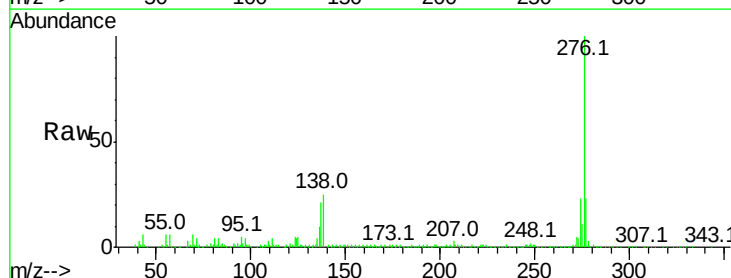
Tgt Ion:276 Resp: 403480

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 24.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

