

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103753.D
 Acq On : 19 Mar 2018 13:30
 Operator : JU/SJ
 Sample : J1750-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 16:49:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172928	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	726635	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	338111	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	598039	20.00	ng	0.00
75) Chrysene-d12	14.16	240	459794	20.00	ng	0.00
86) Perylene-d12	15.70	264	411242	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1293590	113.78	ng	0.02
7) Phenol-d6	6.60	99	1534020	110.28	ng	0.01
23) Nitrobenzene-d5	7.54	82	1126818	108.14	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	441724	151.95	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1858773	87.69	ng	0.00
78) Terphenyl-d14	13.10	244	1846735	93.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	195487	34.919	ng	# 78
3) Pyridine	3.73	79	362551	23.545	ng	89
4) n-Nitrosodimethylamine	3.69	42	225090	39.645	ng	# 74
6) Aniline	6.64	93	167584	8.437	ng	94
8) 2-Chlorophenol	6.76	128	530508	44.543	ng	95
9) Benzaldehyde	6.53	77	111880	12.243	ng	95
10) Phenol	6.62	94	554674	37.527	ng	96
11) bis(2-Chloroethyl)ether	6.71	93	541954	44.416	ng	96
12) 1,3-Dichlorobenzene	6.92	146	557669	41.111	ng	99
13) 1,4-Dichlorobenzene	6.99	146	564369	41.404	ng	98
14) 1,2-Dichlorobenzene	7.15	146	518600	41.000	ng	99
15) Benzyl Alcohol	7.11	79	473686	43.952	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	739836	42.631	ng	95
17) 2-Methylphenol	7.22	107	462269	43.585	ng	99
18) Hexachloroethane	7.49	117	213995	44.631	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	368234	41.308	ng	94
20) 3+4-Methylphenols	7.37	107	539298	40.066	ng	94
22) Acetophenone	7.38	105	723432	38.738	ng	# 96
24) Nitrobenzene	7.56	77	585736	47.882	ng	99
25) Isophorone	7.79	82	1109544	45.999	ng	100
26) 2-Nitrophenol	7.87	139	298266	60.920	ng	96
27) 2,4-Dimethylphenol	7.90	122	524999	50.806	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	712229	48.762	ng	99
29) 2,4-Dichlorophenol	8.11	162	468337	49.816	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	467656	42.888	ng	99
31) Naphthalene	8.28	128	1643894	44.786	ng	99
32) Benzoic acid	7.98	122	81660	18.794	ng	98
33) 4-Chloroaniline	8.32	127	49483	3.213	ng	98
34) Hexachlorobutadiene	8.39	225	247629	41.420	ng	99
35) Caprolactam	8.70	113	64243	19.845	ng	# 85
36) 4-Chloro-3-methylphenol	8.80	107	509492	49.159	ng	98
37) 2-Methylnaphthalene	8.97	142	1063498	45.688	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	422032	43.752	ng	98
40) Hexachlorocyclopentadiene	9.12	237	466322	93.689	ng	99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
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 ALS Vial : 11 Sample Multiplier: 1

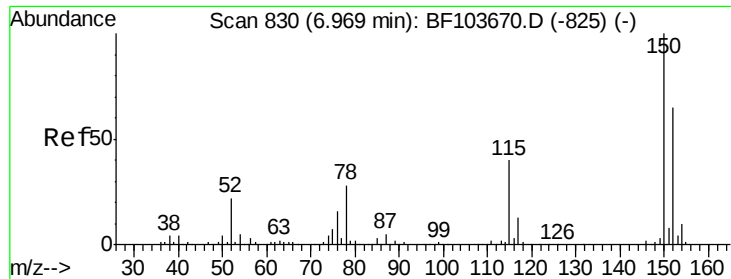
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 16:49:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.25	196	323592	52.448	nq	100
43) 2,4,5-Trichlorophenol	9.29	196	344128	49.417	nq	98
45) 1,1'-Biphenyl	9.43	154	1225288	43.460	nq	100
46) 2-Chloronaphthalene	9.46	162	974147	43.502	nq	99
47) 2-Nitroaniline	9.56	65	313104	52.675	nq	96
48) Acenaphthylene	9.88	152	1489265	42.888	nq	99
49) Dimethylphthalate	9.73	163	1183455	45.877	nq	99
50) 2,6-Dinitrotoluene	9.80	165	274450	54.418	nq	95
51) Acenaphthene	10.05	154	968665	46.981	nq	99
52) 3-Nitroaniline	9.96	138	98123	18.917	nq	99
53) 2,4-Dinitrophenol	10.07	184	144835	87.467	nq #	20
54) Dibenzofuran	10.23	168	1333045	45.268	nq	100
55) 4-Nitrophenol	10.13	139	424509	89.271	nq	95
56) 2,4-Dinitrotoluene	10.20	165	360553	55.863	nq	98
57) Fluorene	10.57	166	1015734	44.451	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	265916	53.891	nq	96
59) Diethylphthalate	10.43	149	1123073	43.864	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	462415	44.280	nq	96
61) 4-Nitroaniline	10.59	138	286073	49.567	nq	96
62) Azobenzene	10.72	77	1103182	42.381	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	123475	53.280	nq	82
65) n-Nitrosodiphenylamine	10.68	169	934212	45.893	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	292440	47.626	nq #	87
67) Hexachlorobenzene	11.12	284	320469	45.728	nq	95
68) Atrazine	11.20	200	288339	45.790	nq	98
69) Pentachlorophenol	11.31	266	331121	82.183	nq	99
70) Phenanthrene	11.54	178	1453779	44.439	nq	99
71) Anthracene	11.59	178	1489116	44.817	nq	100
72) Carbazole	11.74	167	1438168	44.533	nq	99
73) Di-n-butylphthalate	12.06	149	1743091	44.983	nq	100
74) Fluoranthene	12.73	202	1507993	44.744	nq	100
77) Pyrene	12.96	202	1519391	44.996	nq	99
79) Butylbenzylphthalate	13.56	149	768508	51.369	nq	96
80) Benzo(a)anthracene	14.15	228	1358469	46.675	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	115186	11.832	nq	99
82) Chrysene	14.19	228	1267536	45.686	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	1050010	49.129	nq	99
84) Di-n-octyl phthalate	14.75	149	1696936	54.576	nq	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	1162634	47.985	nq	98
87) Benzo(b)fluoranthene	15.24	252	1240634	47.751	nq	98
88) Benzo(k)fluoranthene	15.27	252	1125223	45.054	nq	100
89) Benzo(a)pyrene	15.63	252	1117031	47.402	nq	97
90) Dibenzo(a,h)anthracene	17.30	278	949483	46.532	nq	99
91) Benzo(g,h,i)perylene	17.76	276	973354	49.033	nq	98

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

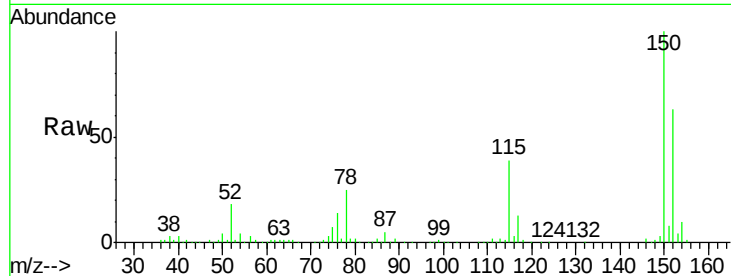


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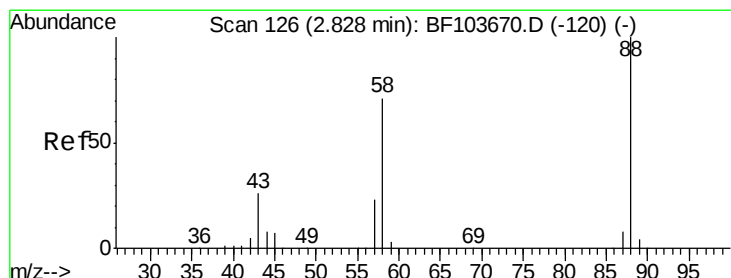
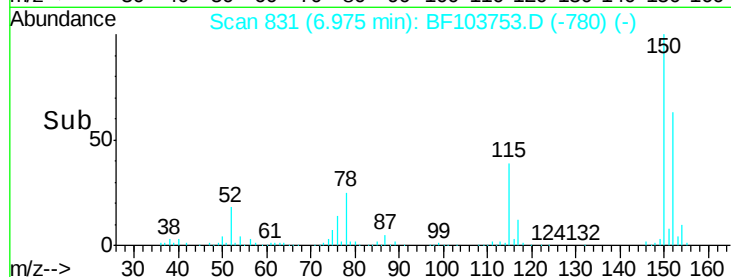
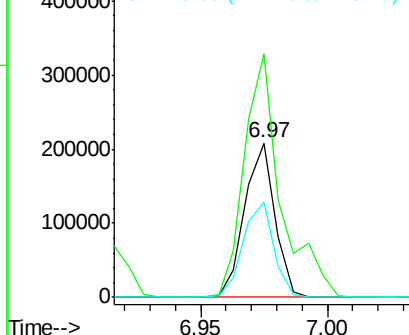
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172928
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 61.7 50.1 75.1



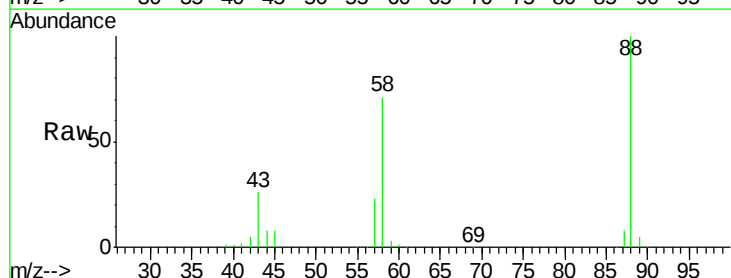
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



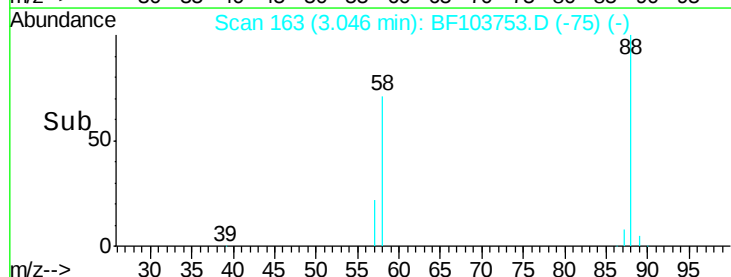
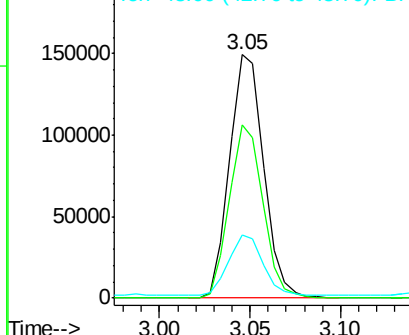
#2

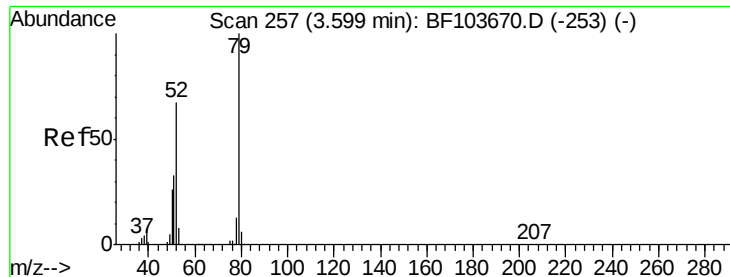
1,4-Dioxane
Concen: 34.919 ng
RT: 3.05 min Scan# 163
Delta R.T. 0.22 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion: 88 Resp: 195487
Ion Ratio Lower Upper
88 100
58 70.2 62.6 93.8
43 0.0 24.6 37.0#



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





#3

Pvridine

Concen: 23.545 ng

RT: 3.73 min Scan# 279

Delta R.T. 0.12 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

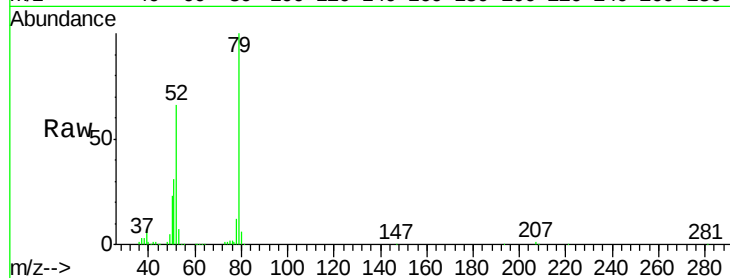
Tot Ion: 79 Resp: 362551

Ion Ratio Lower Upper

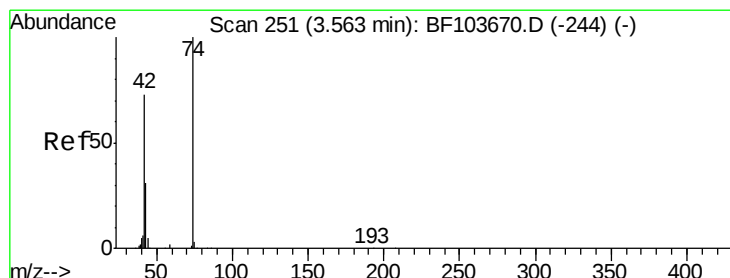
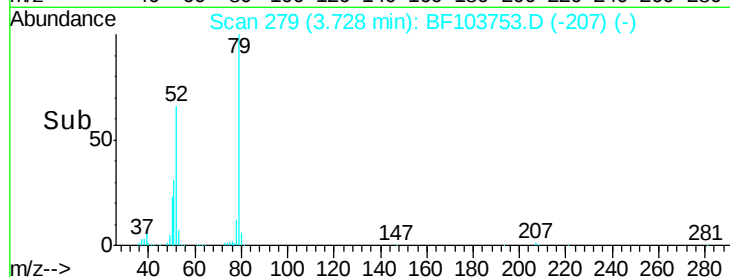
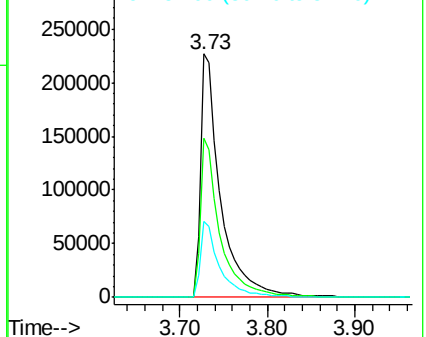
79 100

52 65.6 59.8 89.6

51 31.1 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 39.645 ng

RT: 3.69 min Scan# 273

Delta R.T. 0.12 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

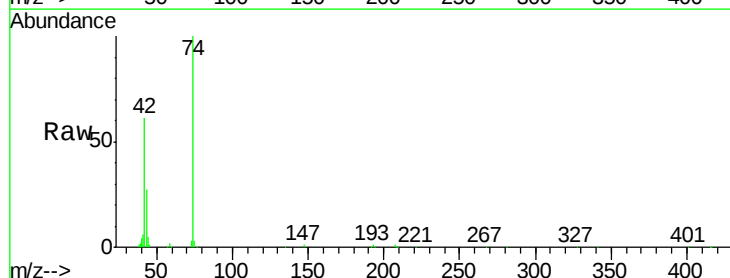
Tgt Ion: 42 Resp: 225090

Ion Ratio Lower Upper

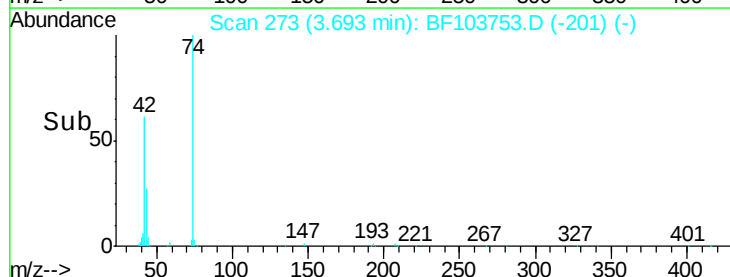
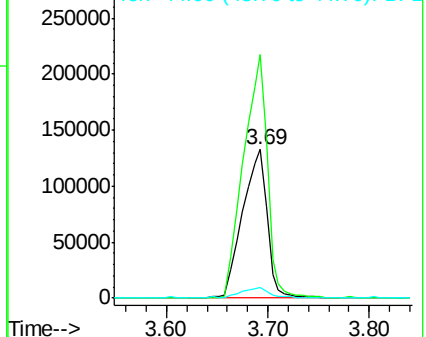
42 100

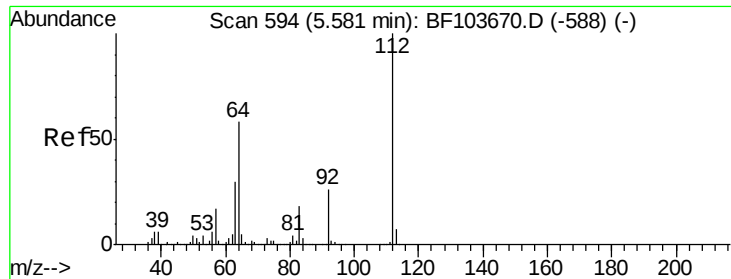
74 163.8 104.9 157.3#

44 7.5 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: 113.778 ng

RT: 5.62 min Scan# 600

Delta R.T. 0.02 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

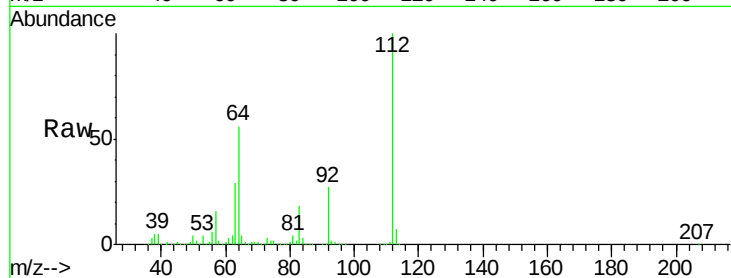
Tot Ion:112 Resp: 1293590

Ion Ratio Lower Upper

112 100

64 55.6 47.9 71.9

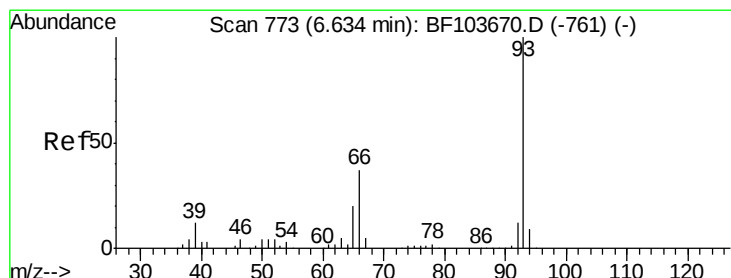
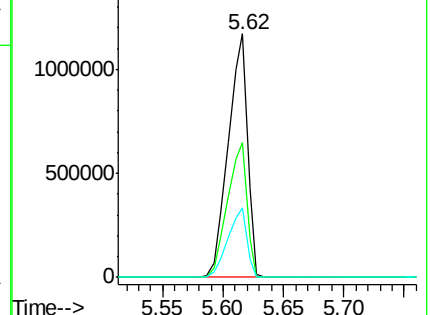
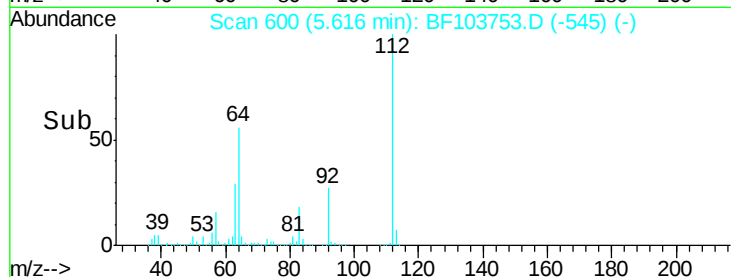
63 28.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.437 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

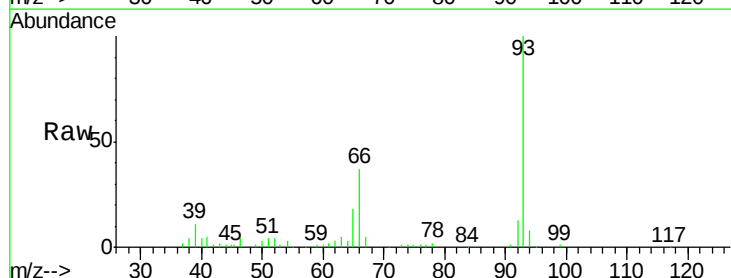
Tgt Ion: 93 Resp: 167584

Ion Ratio Lower Upper

93 100

66 36.7 32.2 48.2

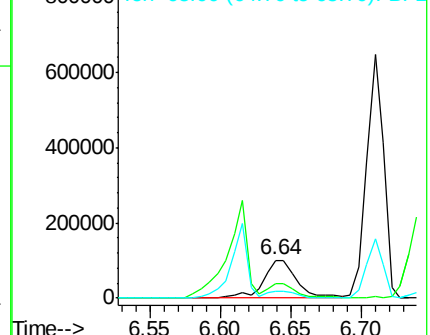
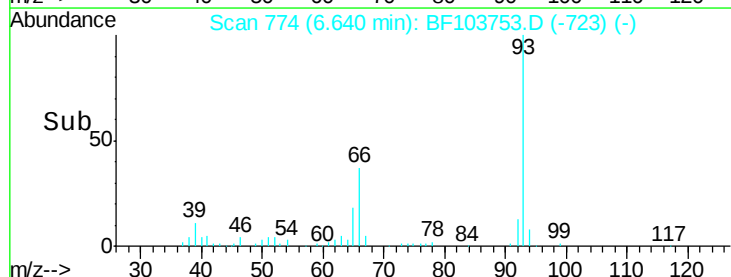
65 18.0 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.284 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

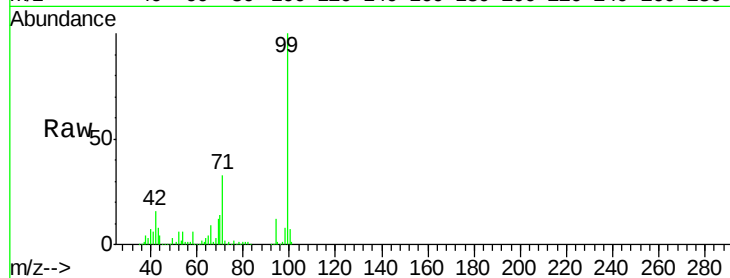
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1534020

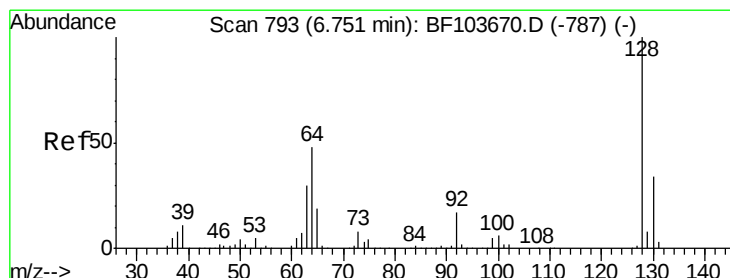
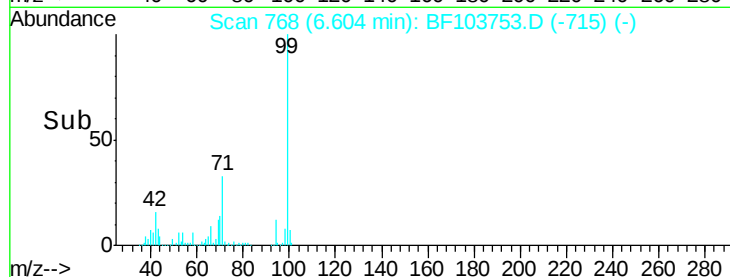
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	32.6	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.543 ng

RT: 6.76 min Scan# 795

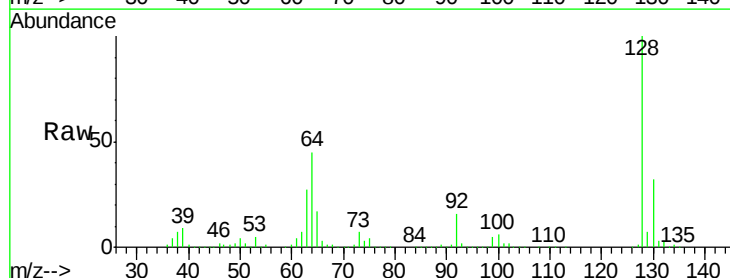
Delta R.T. 0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tgt Ion:128 Resp: 530508

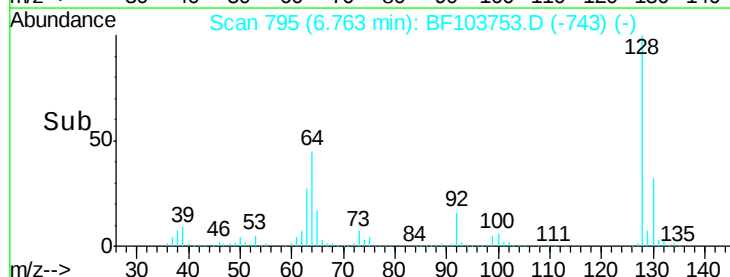
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	44.7	29.4	69.4

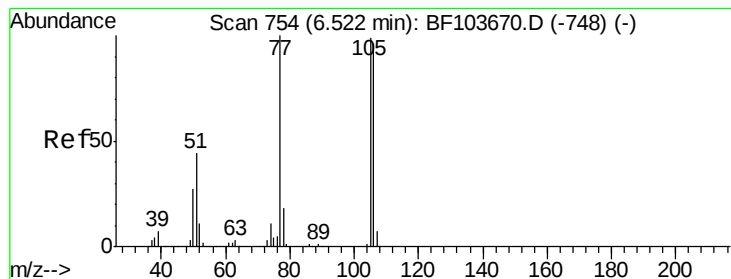


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.243 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

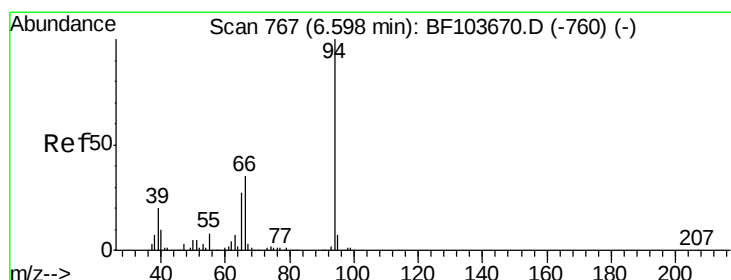
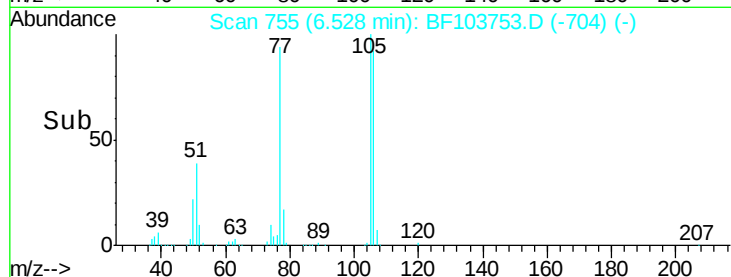
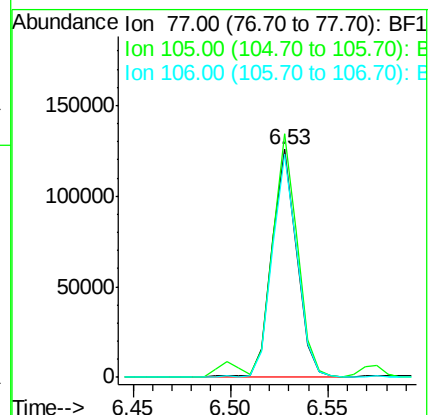
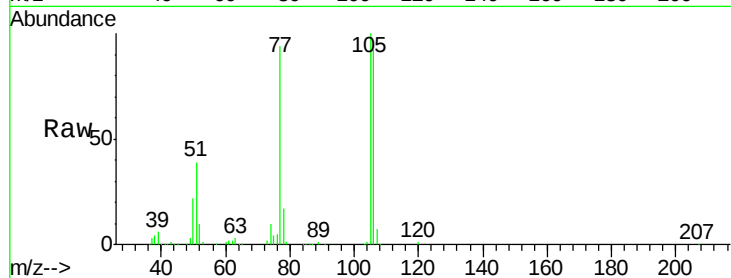
Tot Ion: 77 Resp: 111880

Ion Ratio Lower Upper

77 100

105 106.7 81.1 121.1

106 98.0 74.5 114.5



#10

Phenol

Concen: 37.527 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

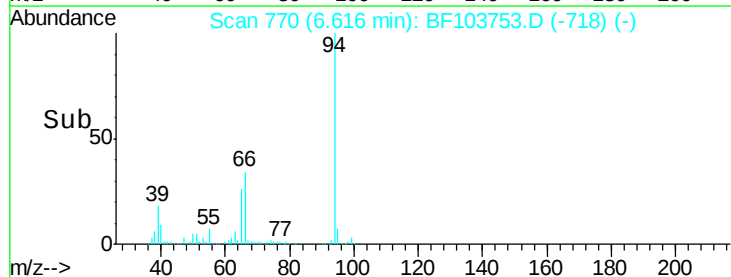
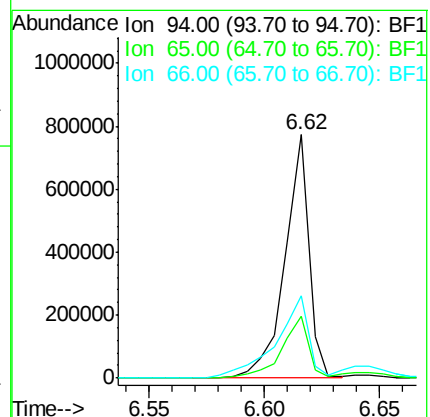
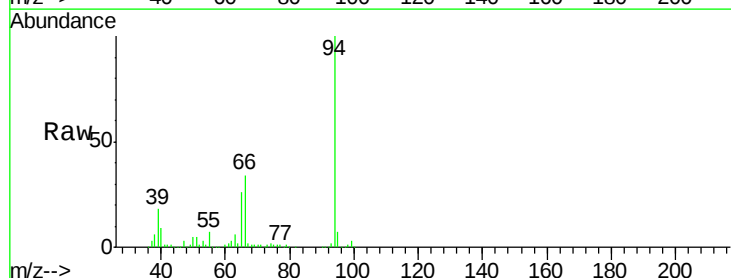
Tgt Ion: 94 Resp: 554674

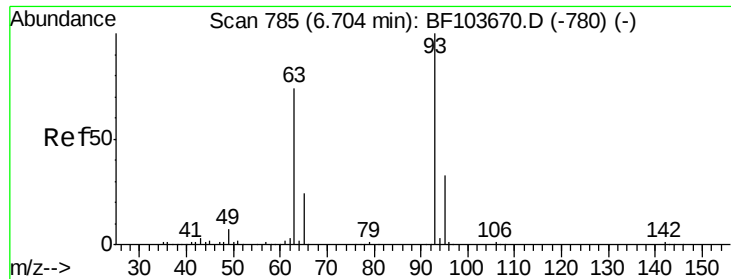
Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

66 33.7 16.2 56.2

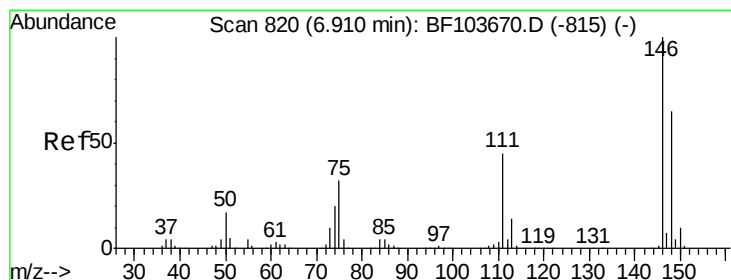
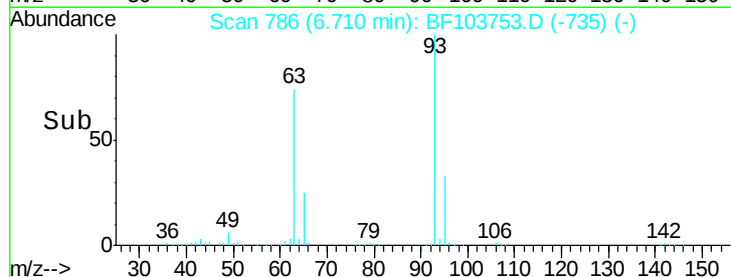
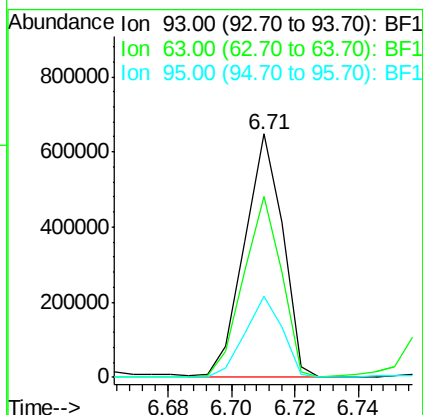
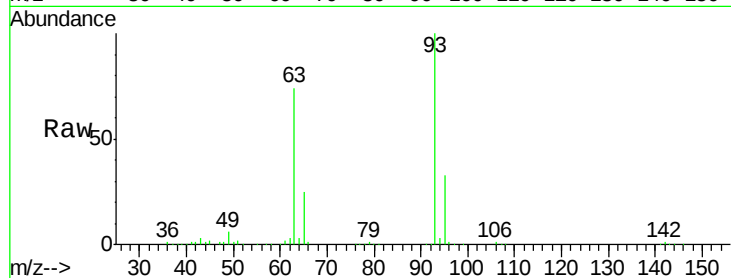




#11
bis(2-Chloroethyl)ether
Concen: 44.416 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

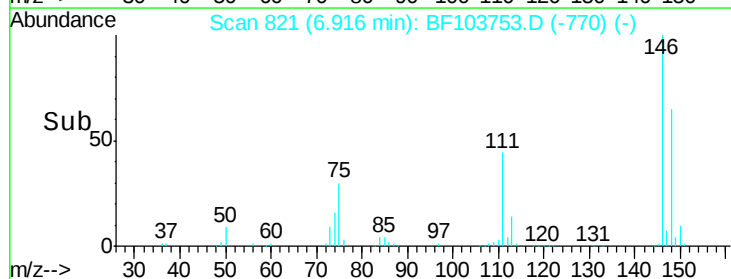
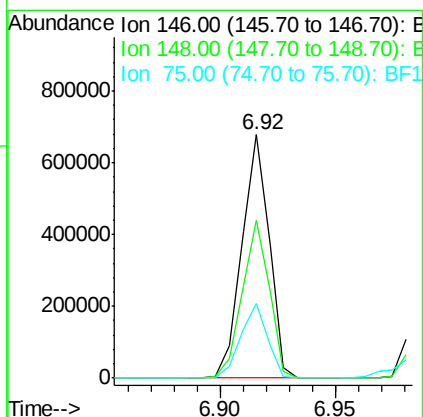
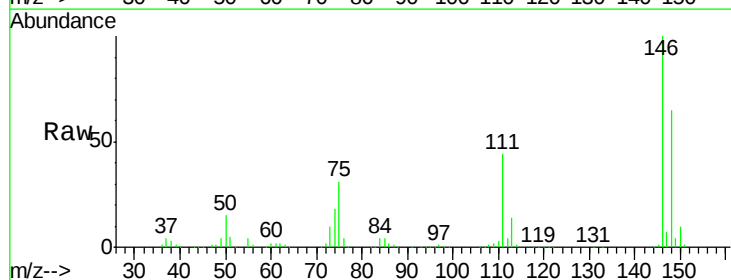
Instrument :
BNA_F
ClientSampleId :

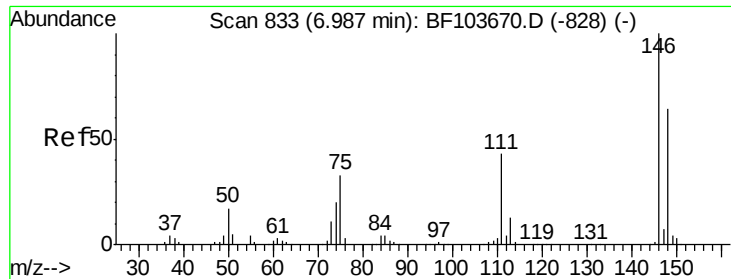
Tot Ion: 93 Resp: 541954
Ion Ratio Lower Upper
93 100
63 74.2 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.111 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion: 146 Resp: 557669
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 30.8 24.2 36.4

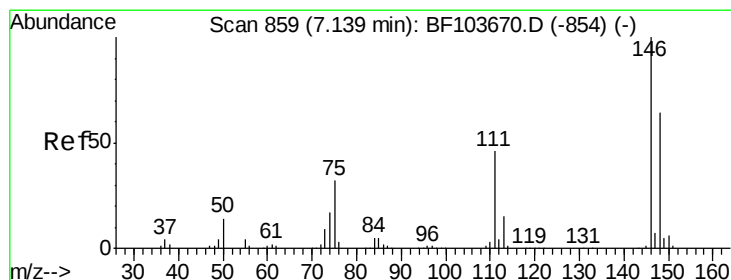
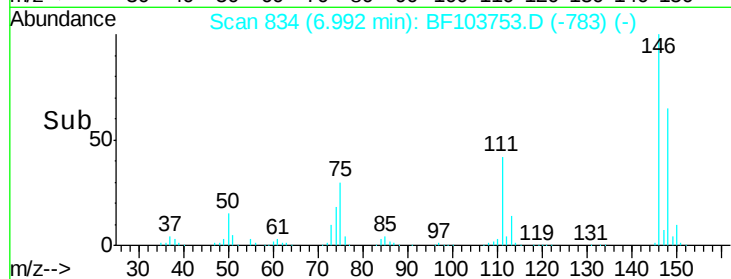
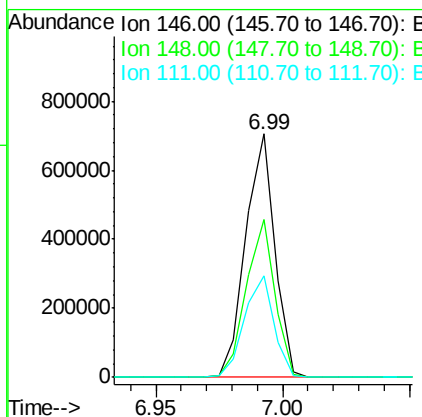
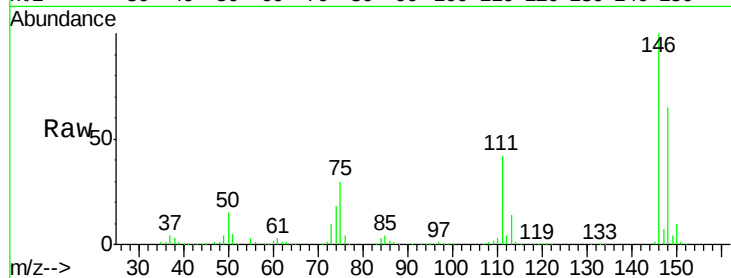




#13
 1,4-Dichlorobenzene
 Concen: 41.404 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

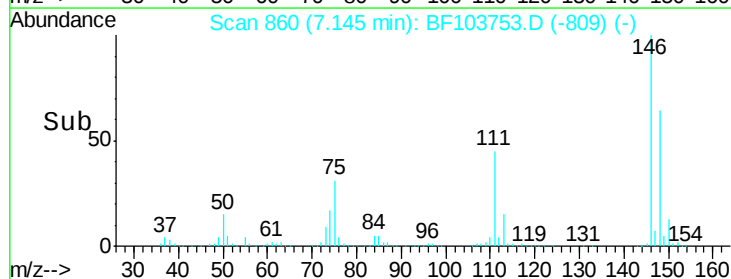
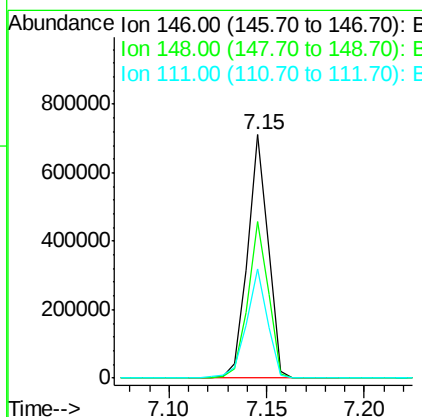
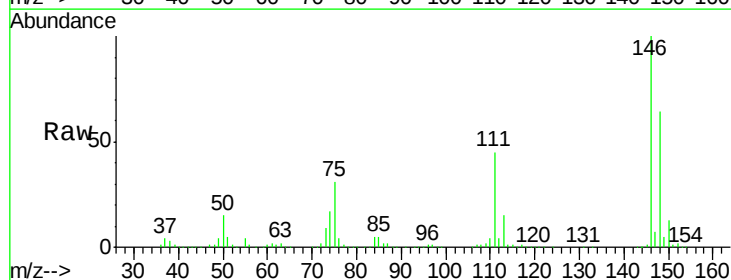
Instrument :
 BNA_F
 ClientSampleId :

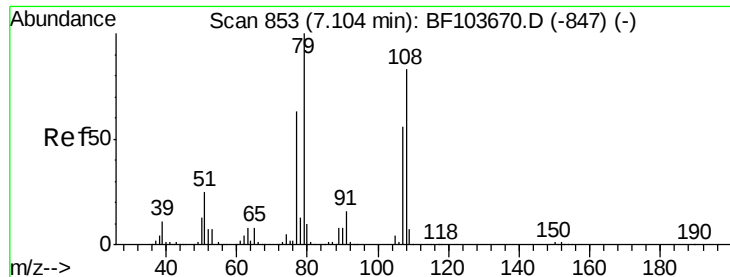
Tot Ion:146 Resp: 564369
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 41.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.000 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:146 Resp: 518600
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 44.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 43.952 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

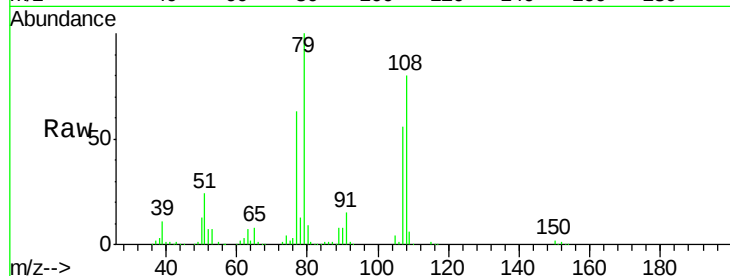
Tot Ion: 79 Resp: 473686

Ion Ratio Lower Upper

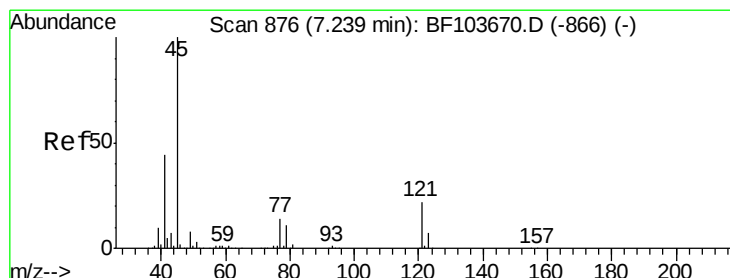
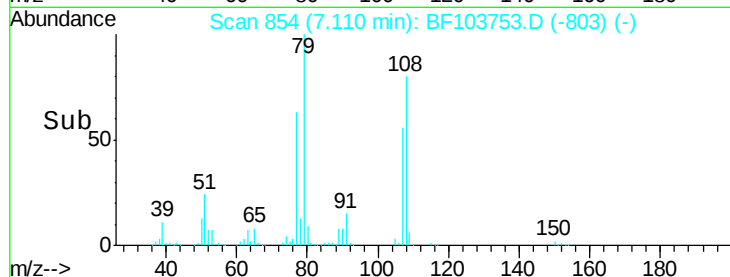
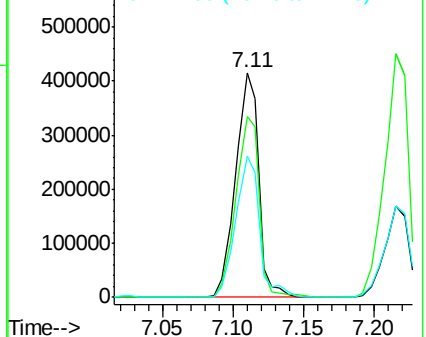
79 100

108 80.5 65.1 97.7

77 63.0 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.631 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

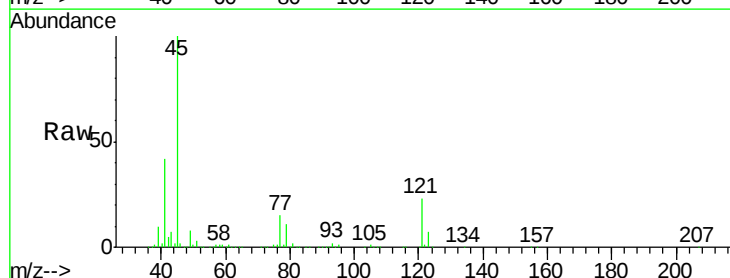
Tgt Ion: 45 Resp: 739836

Ion Ratio Lower Upper

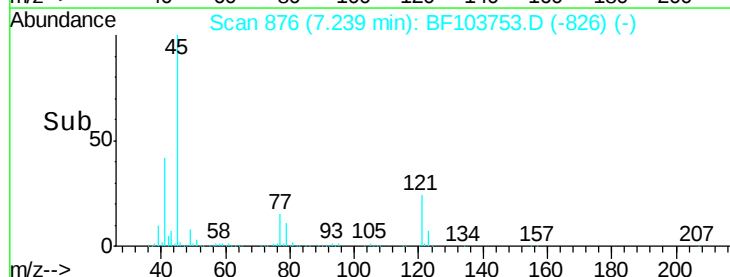
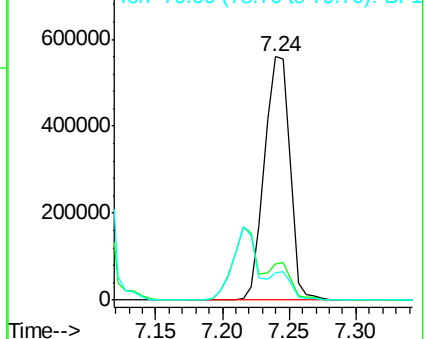
45 100

77 14.8 0.0 32.9

79 11.3 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 43.585 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 462269

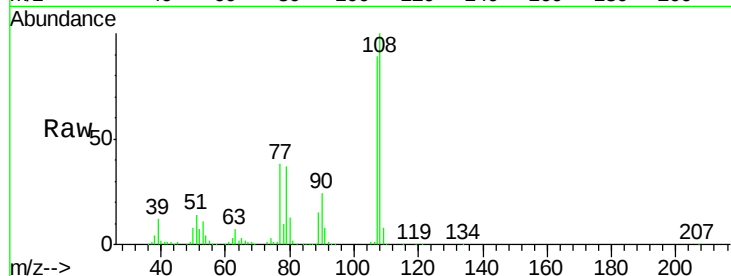
Ion Ratio Lower Upper

107 100

108 112.3 91.7 137.5

77 42.2 33.8 50.8

79 41.8 33.8 50.8

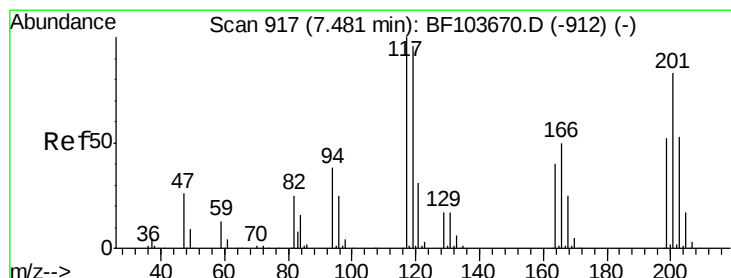
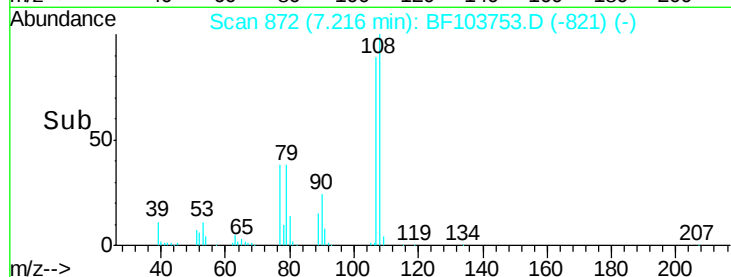
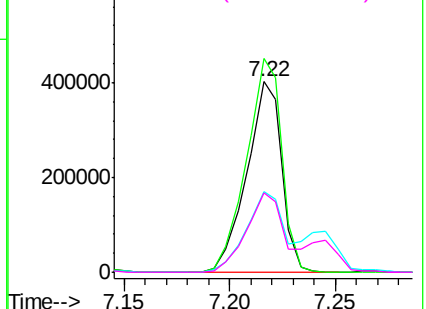


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.631 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

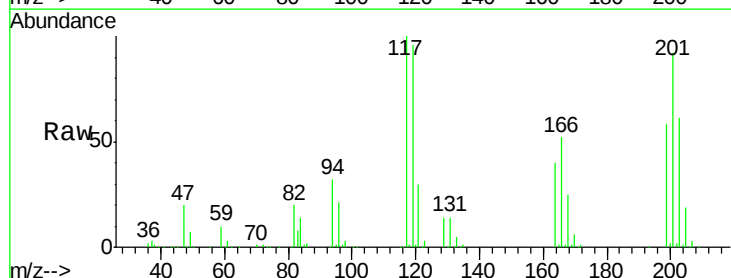
Tgt Ion:117 Resp: 213995

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

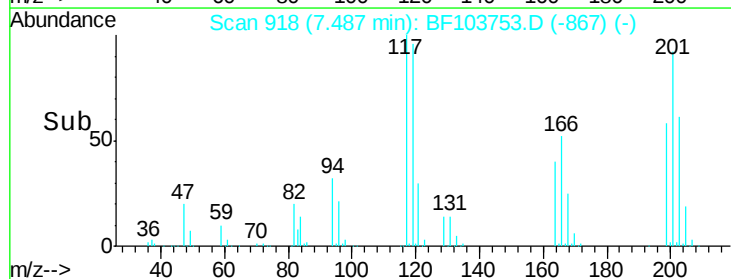
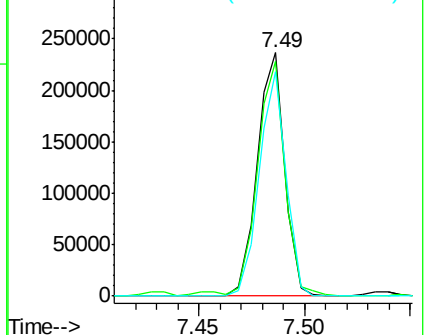
201 92.3 75.7 113.5

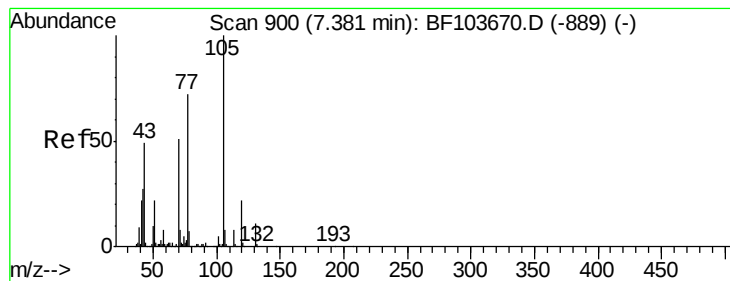


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.308 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 368234

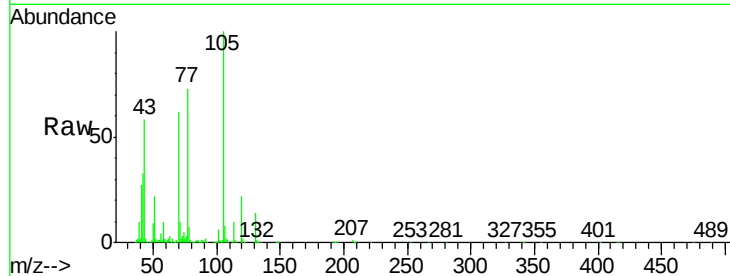
Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	9.6	7.4	11.2
130	22.6	16.6	25.0

70 100

42 53.2 47.5 71.3

101 9.6 7.4 11.2

130 22.6 16.6 25.0



Abundance

Ion 70.00 (69.70 to 70.70): BF1

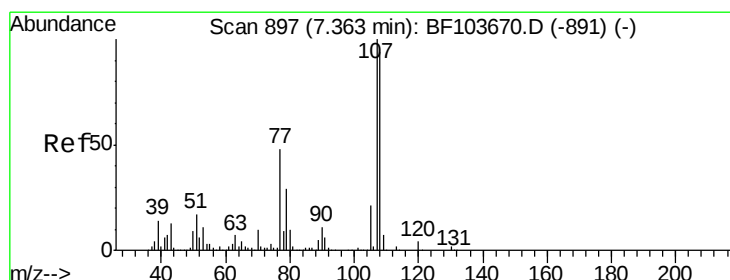
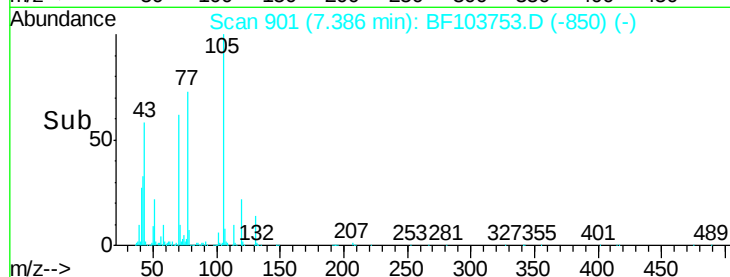
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

7.39

Time-->



#20

3+4-Methylphenols

Concen: 40.066 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tgt Ion:107 Resp: 539298

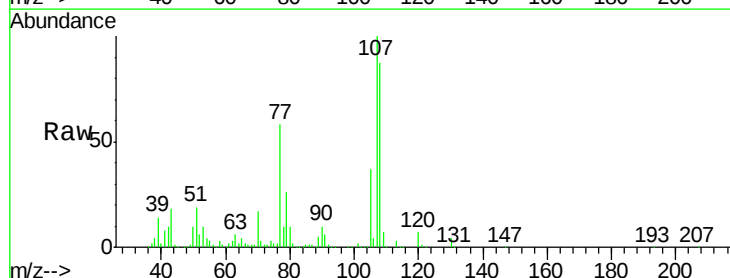
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	58.4	26.7	66.7
79	26.2	6.3	46.3

107 100

108 87.4 68.2 108.2

77 58.4 26.7 66.7

79 26.2 6.3 46.3



Abundance

Ion 107.00 (106.70 to 107.70): BF1

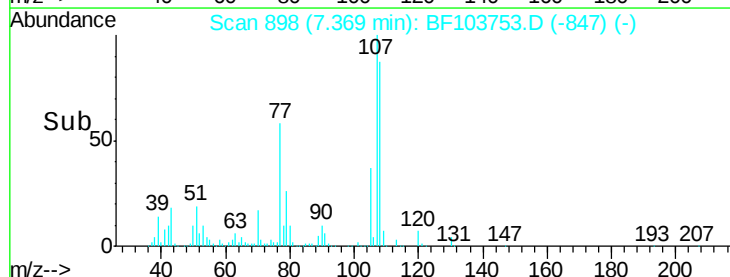
Ion 108.00 (107.70 to 108.70): BF1

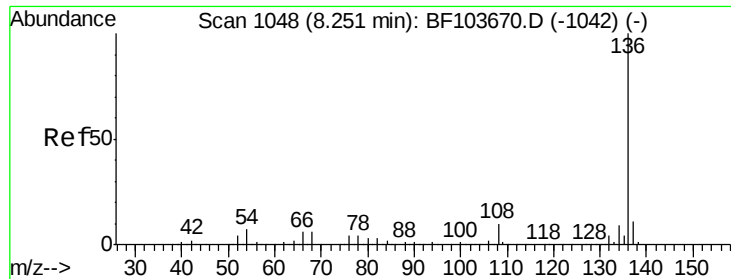
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.37

Time-->

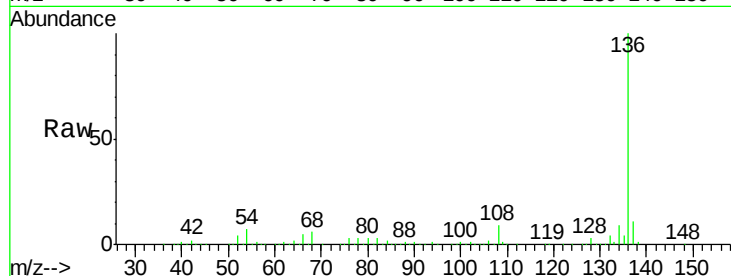




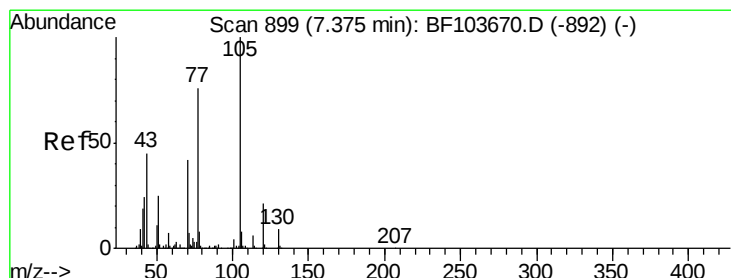
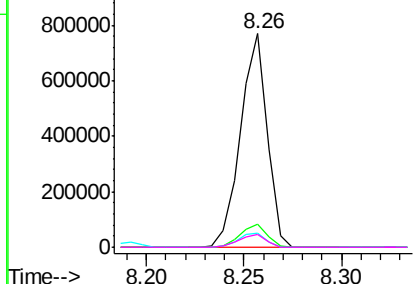
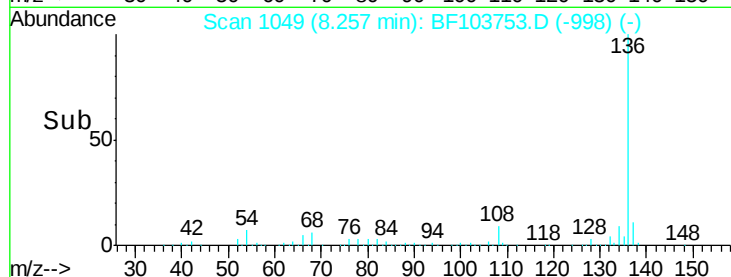
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	726635
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	6.8	6.6 9.8
68	6.2	5.0 7.4

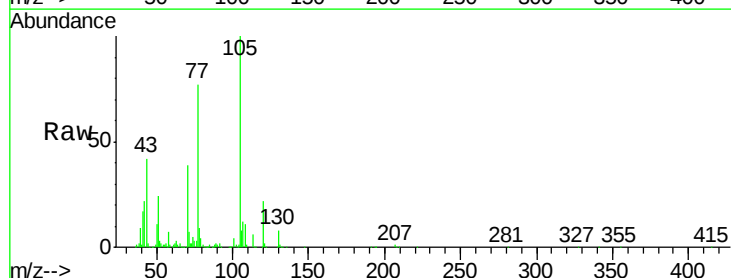


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

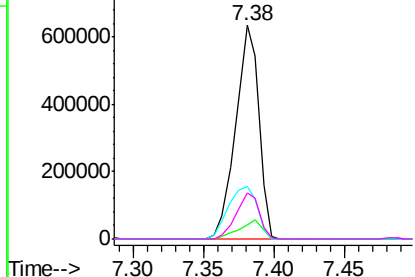
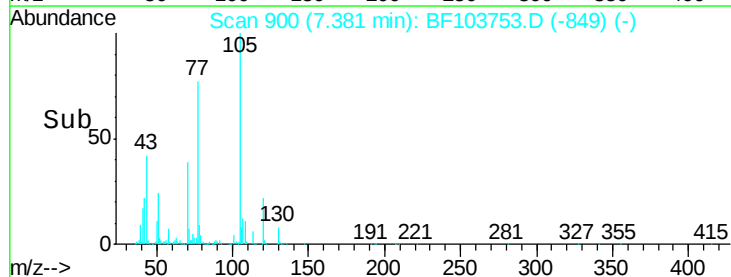


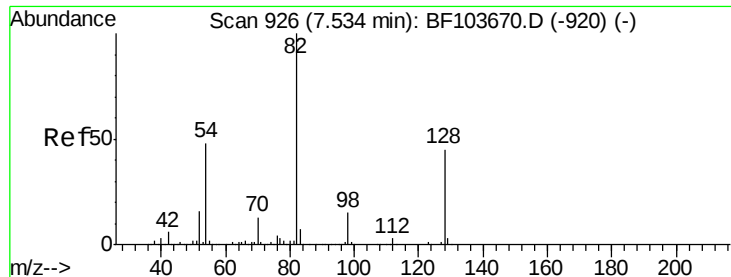
#22
Acetophenone
Concen: 38.738 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:105	Resp:	723432
Ion Ratio	Lower	Upper
105	100	
71	6.7	4.4 6.6#
51	24.3	22.3 33.5
120	21.5	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
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

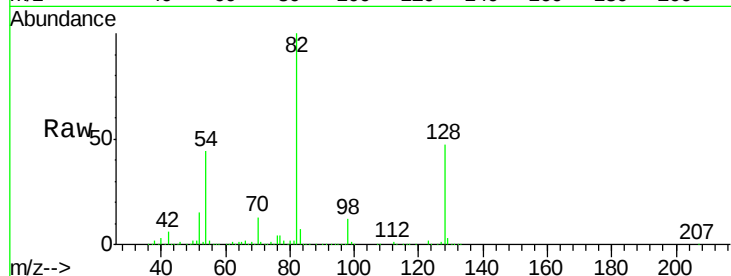




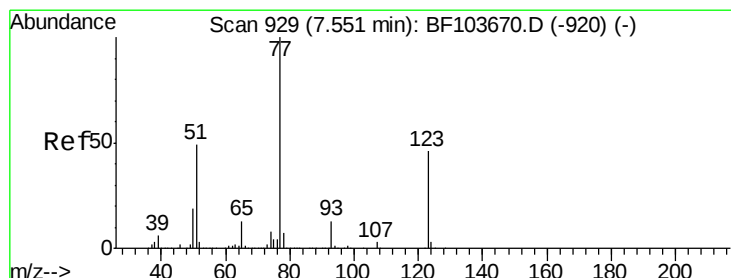
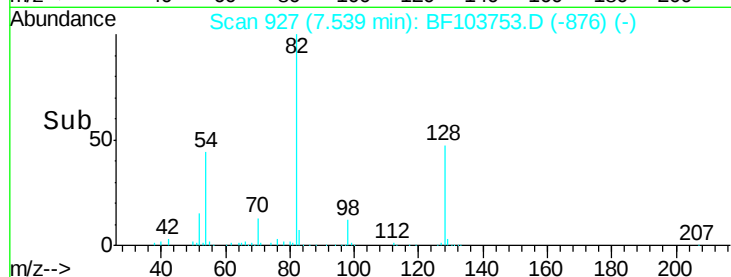
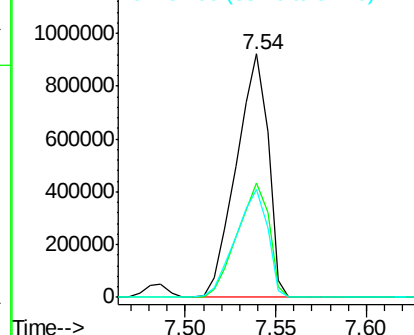
#23
Nitrobenzene-d5
Concen: 108.142 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1126818
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 44.1 41.4 62.2

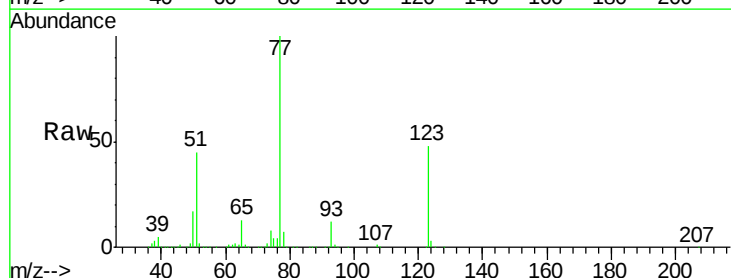


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

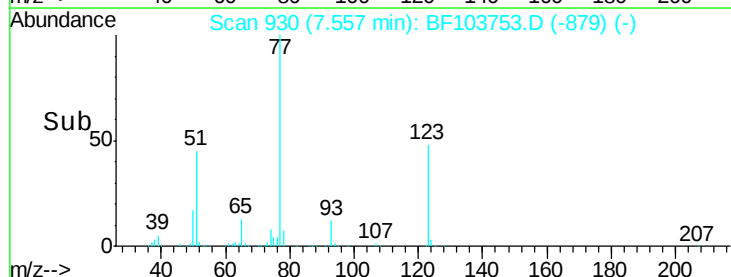
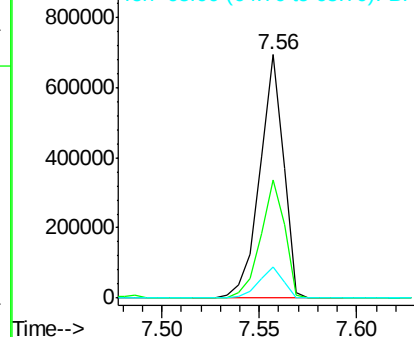


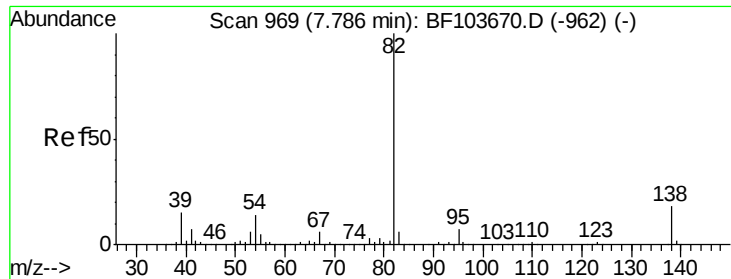
#24
Nitrobenzene
Concen: 47.882 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion: 77 Resp: 585736
Ion Ratio Lower Upper
77 100
123 48.3 37.9 56.9
65 13.0 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

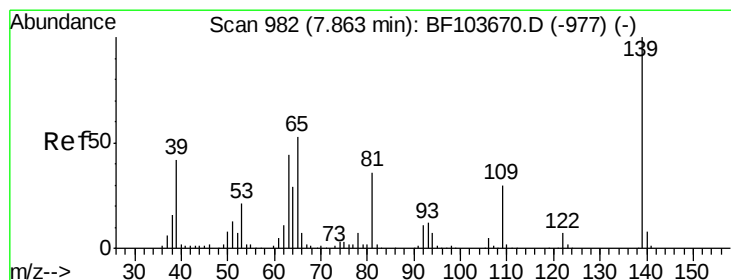
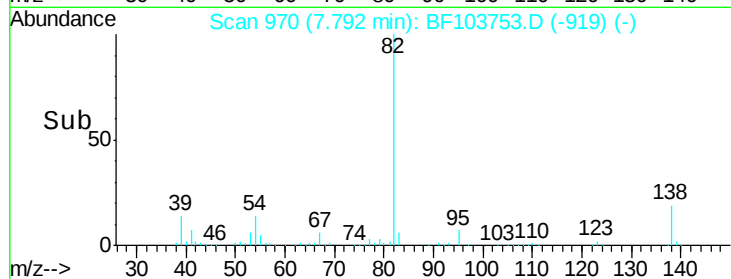
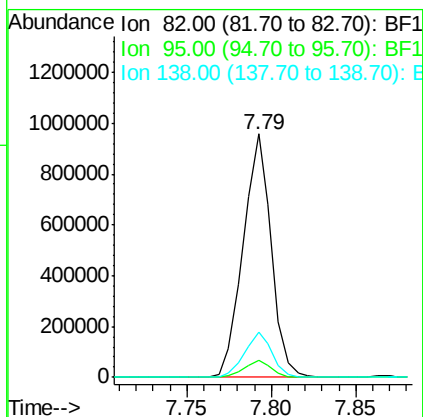
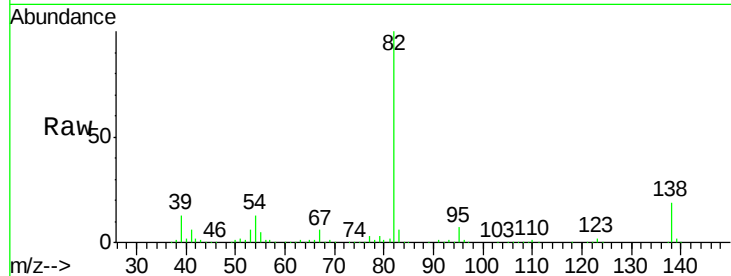




#25
Isophorone
Concen: 45.999 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

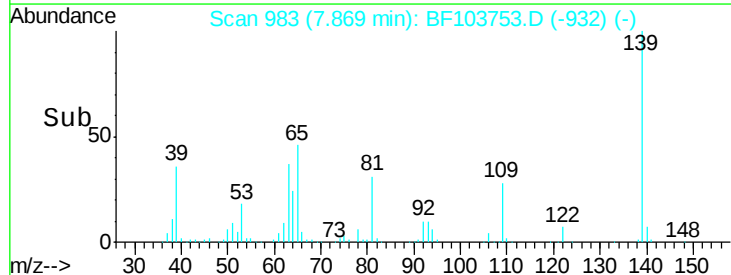
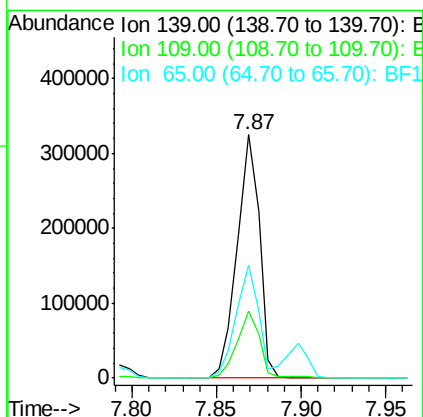
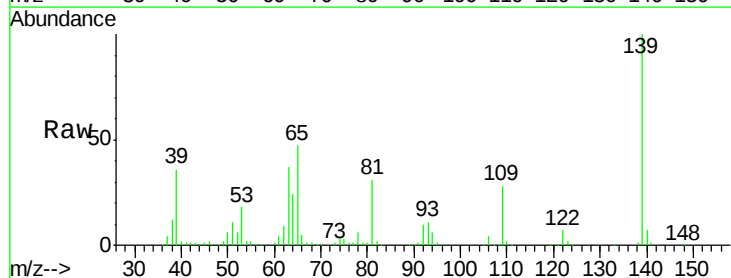
Instrument :
BNA_F
ClientSampleId :

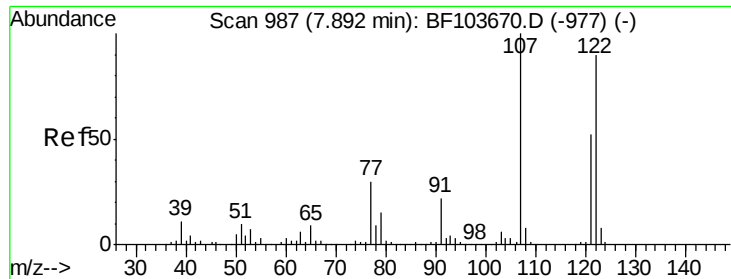
Tot Ion: 82 Resp: 1109544
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.7 14.9 22.3



#26
2-Nitrophenol
Concen: 60.920 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion: 139 Resp: 298266
Ion Ratio Lower Upper
139 100
109 27.6 22.7 34.1
65 46.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 50.806 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

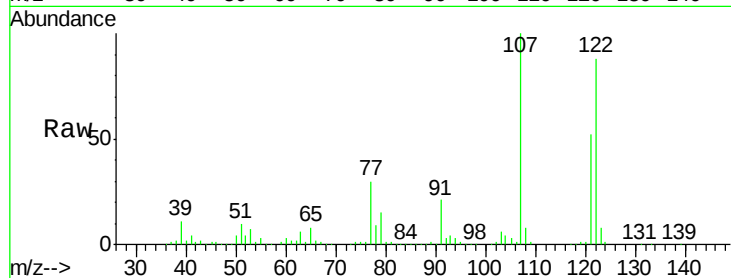
Tot Ion:122 Resp: 524999

Ion Ratio Lower Upper

122 100

107 113.3 91.2 136.8

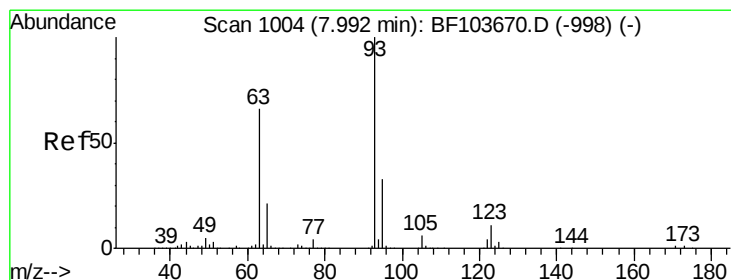
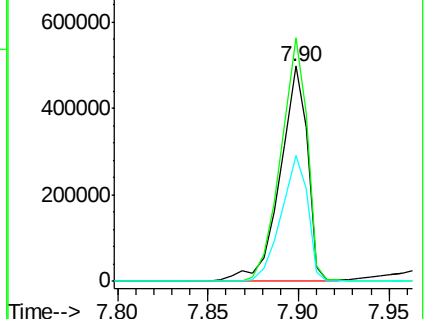
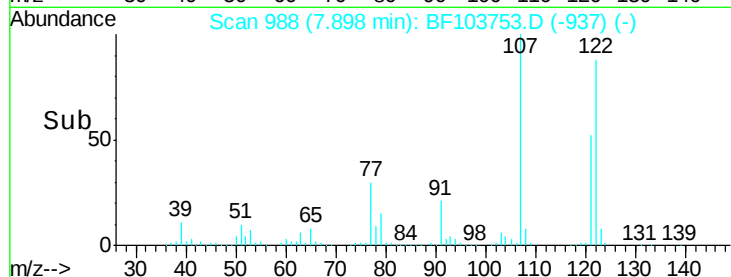
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.762 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

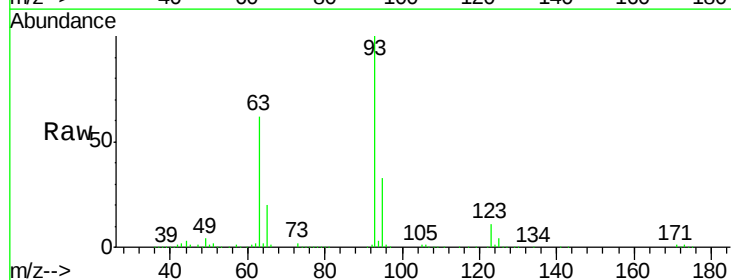
Tgt Ion: 93 Resp: 712229

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

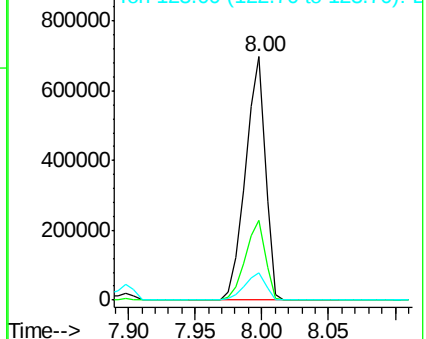
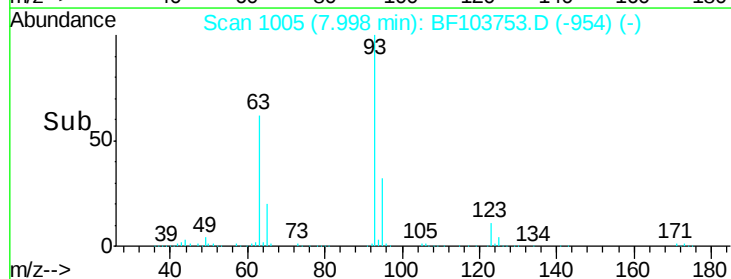
123 11.5 9.8 14.6

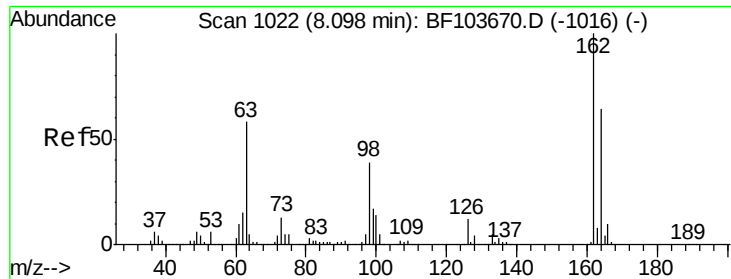


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

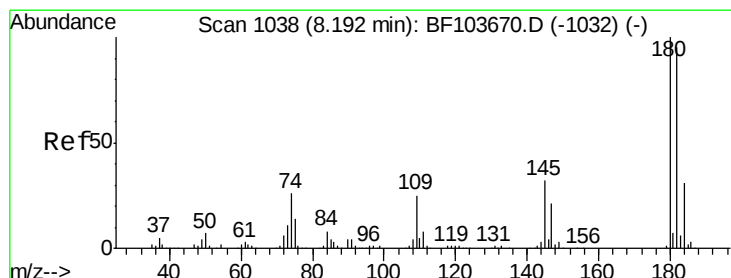
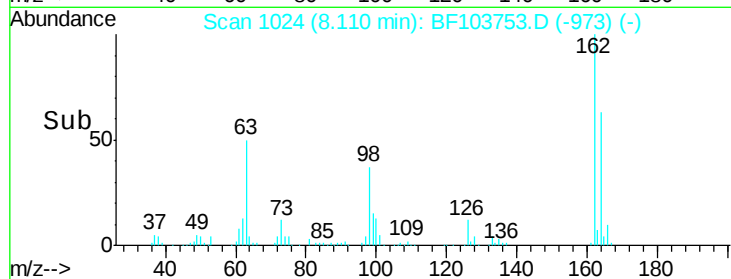
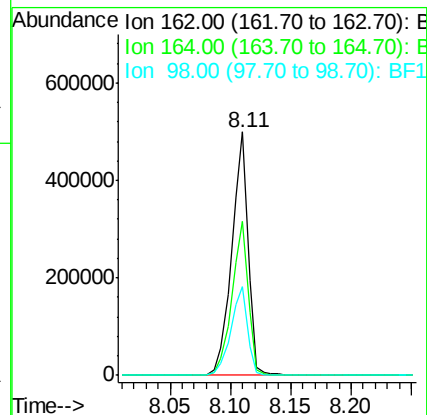
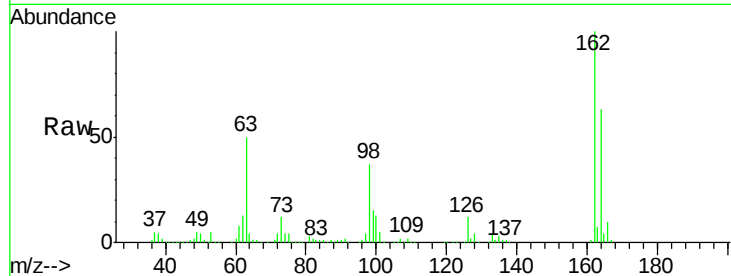




#29
 2,4-Dichlorophenol
 Concen: 49.816 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

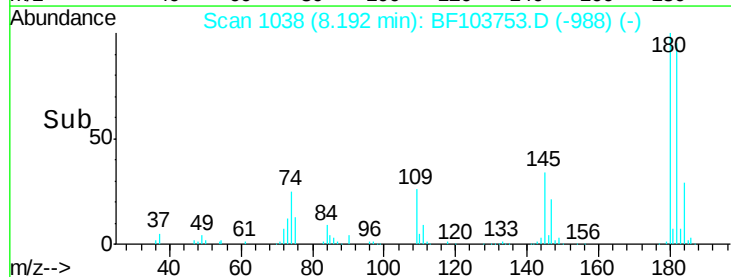
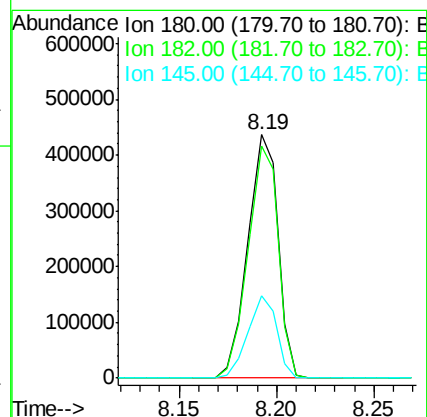
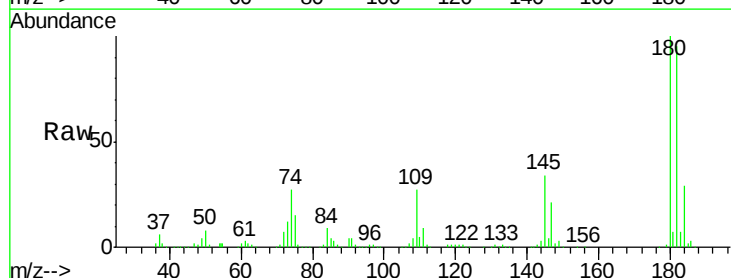
Instrument :
 BNA_F
 ClientSampleId :

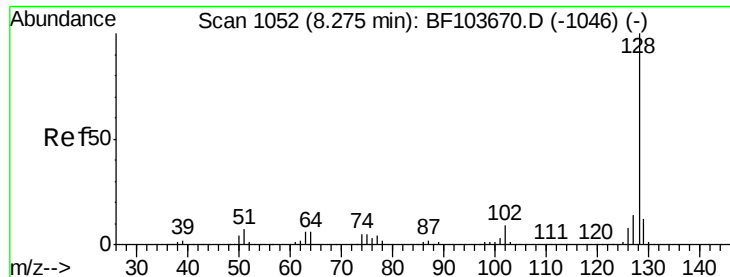
Tot Ion:162 Resp: 468337
 Ion Ratio Lower Upper
 162 100
 164 63.5 42.7 82.7
 98 36.6 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.888 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:180 Resp: 467656
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.8 115.2
 145 33.8 26.5 39.7





#31

Naphthalene

Concen: 44.786 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

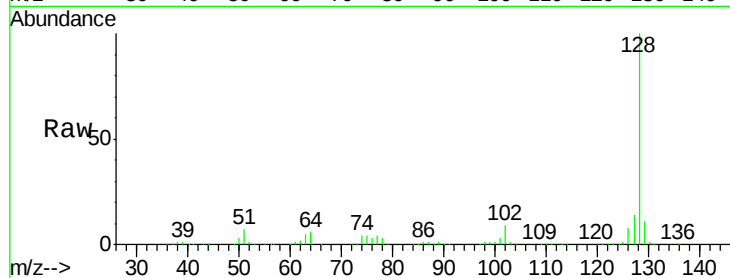
Tot Ion:128 Resp: 1643894

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

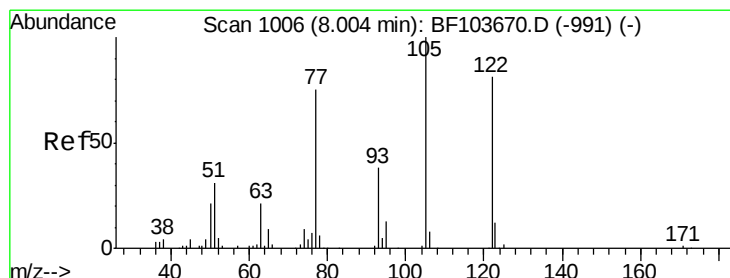
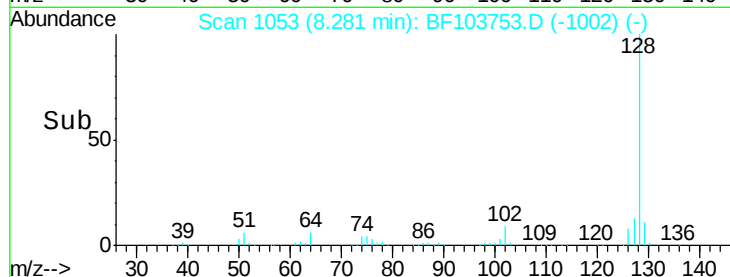
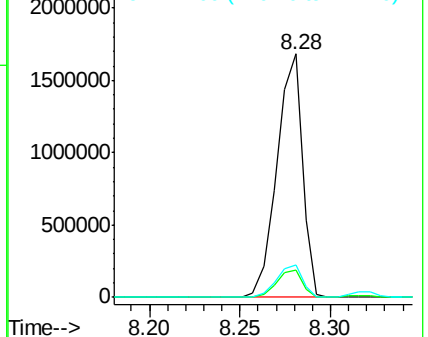
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.794 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.04 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

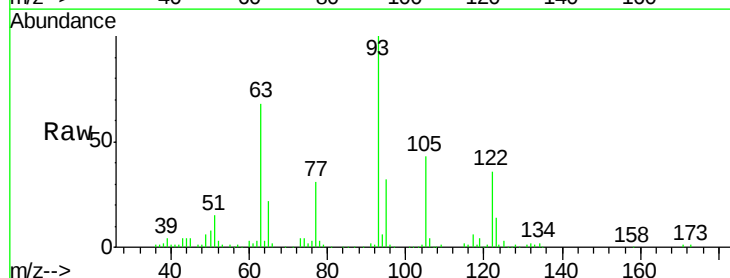
Tgt Ion:122 Resp: 81660

Ion Ratio Lower Upper

122 100

105 120.0 101.1 141.1

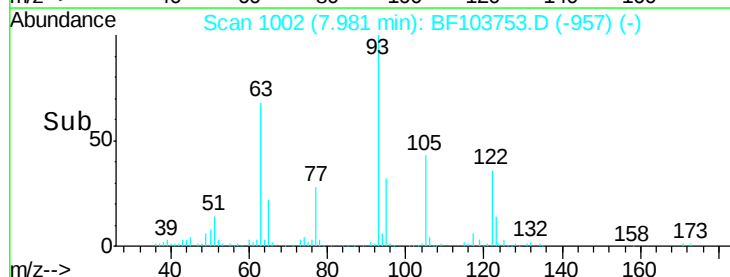
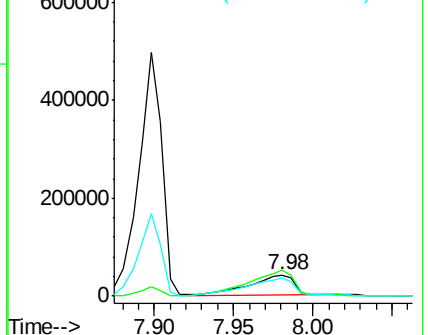
77 86.9 70.7 110.7

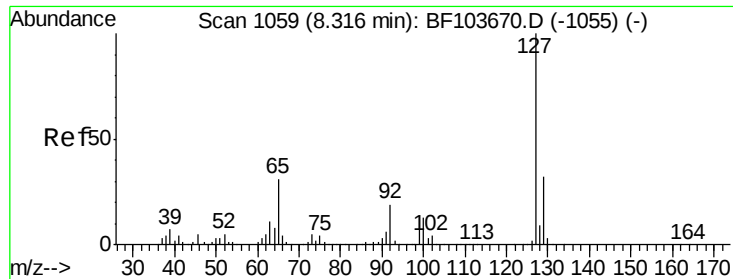


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

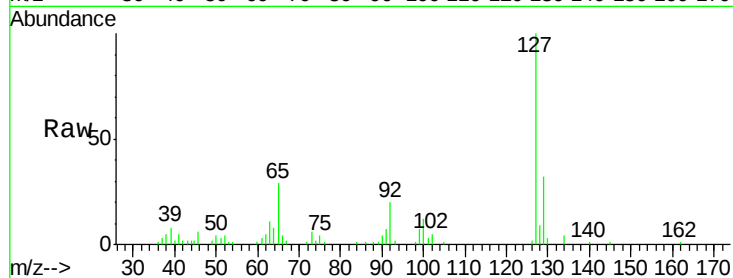




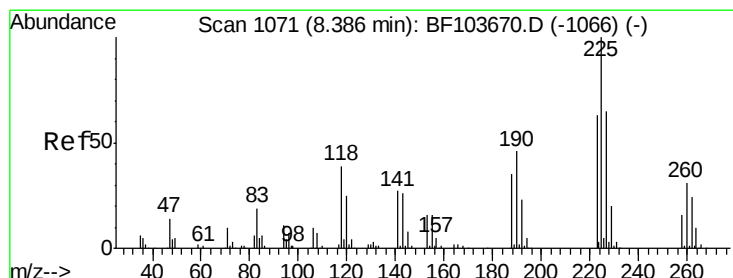
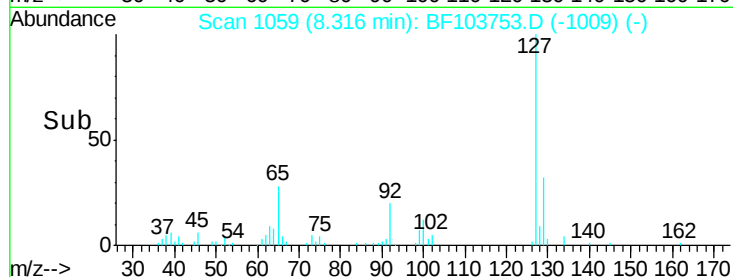
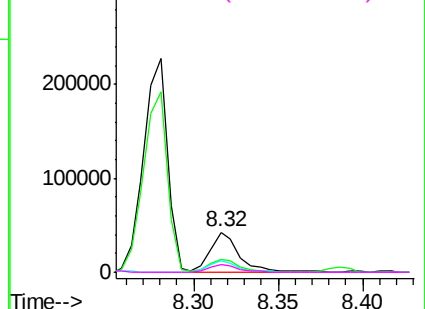
#33
4-Chloroaniline
Concen: 3.213 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	49483
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	29.2	25.0	37.4
92	19.6	15.2	22.8

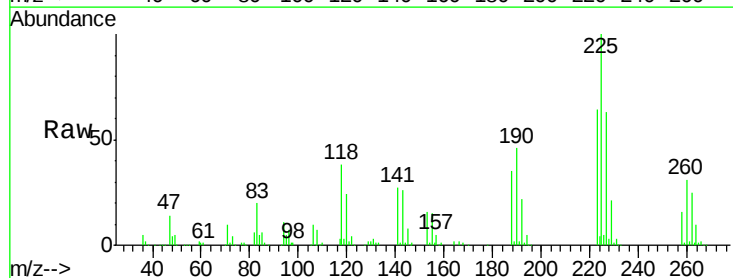


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

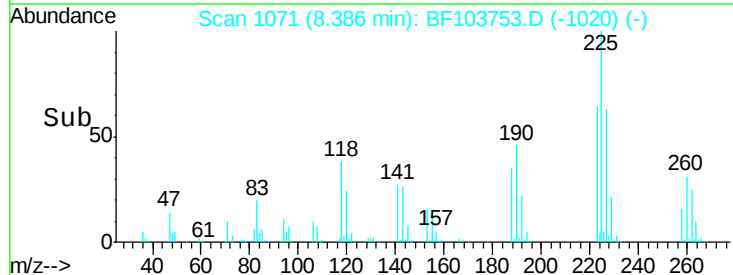
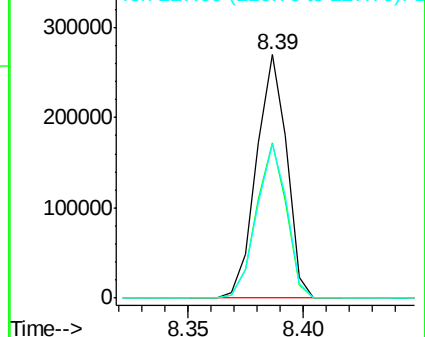


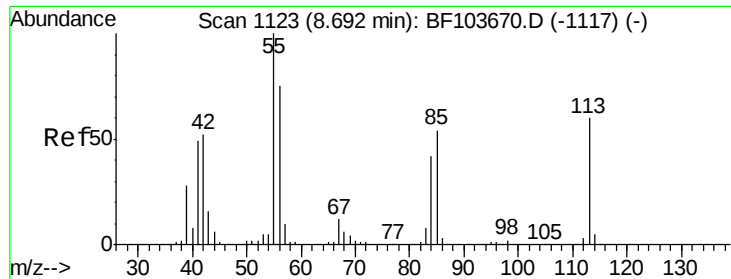
#34
Hexachlorobutadiene
Concen: 41.420 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:	225	Resp:	247629
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.3	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

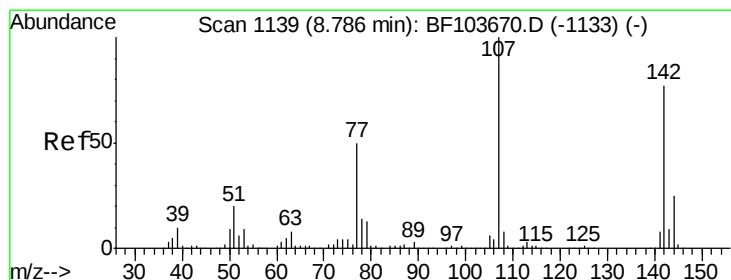
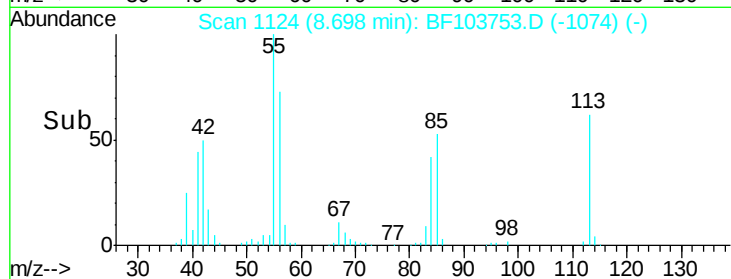
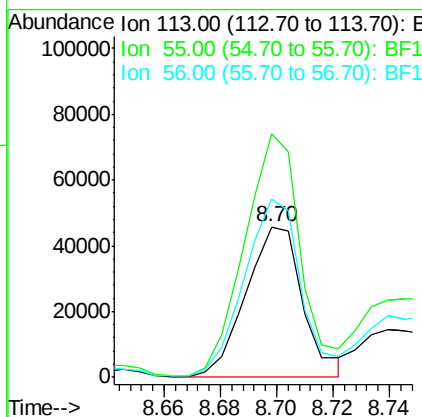
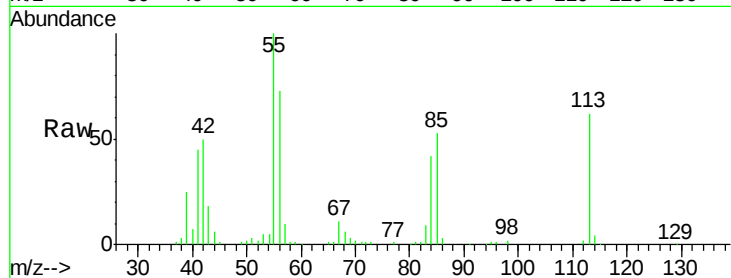




#35
 Caprolactam
 Concen: 19.845 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

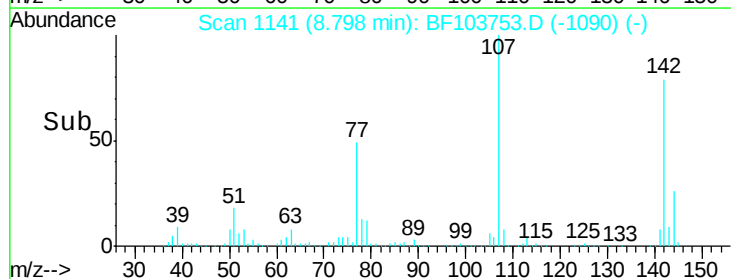
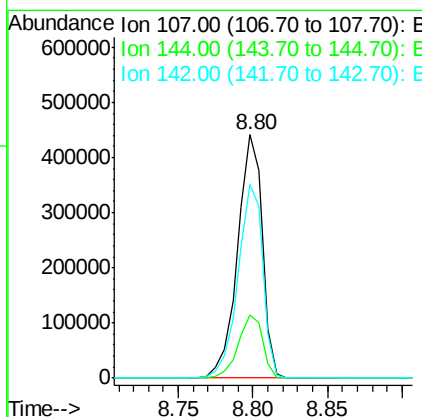
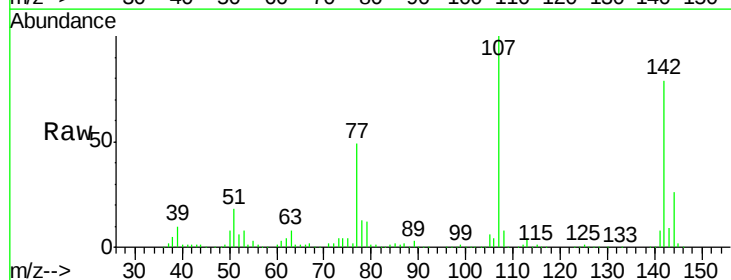
Instrument :
 BNA_F
 ClientSampleId :

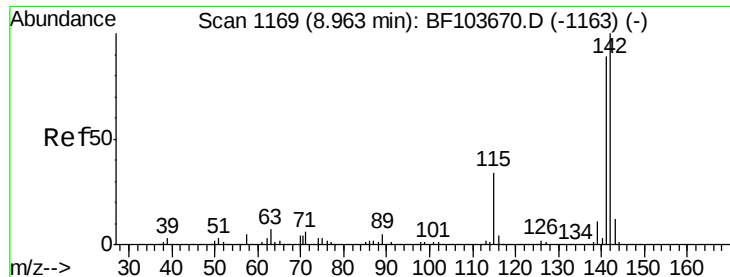
Tot Ion:113 Resp: 64243
 Ion Ratio Lower Upper
 113 100
 55 161.8 163.3 203.3#
 56 118.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.159 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:107 Resp: 509492
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 79.5 62.0 93.0

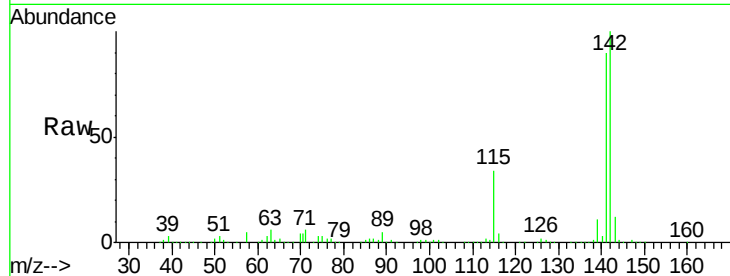




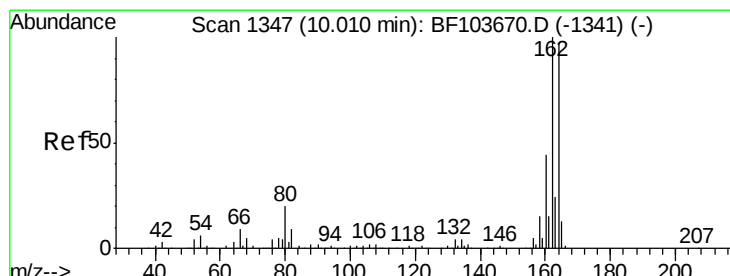
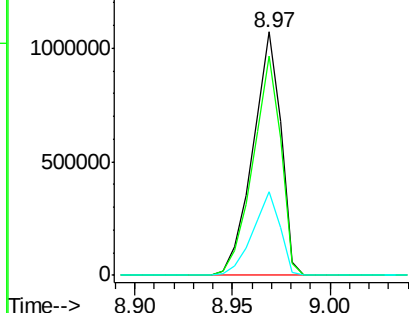
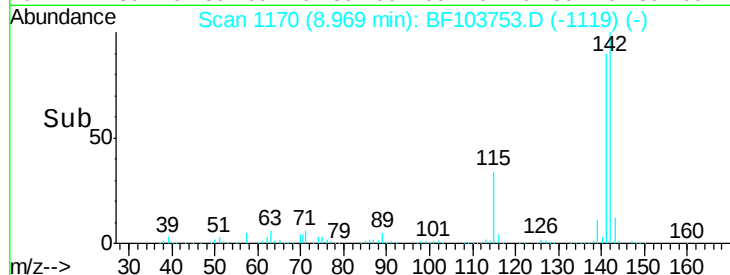
#37
 2-Methylnaphthalene
 Concen: 45.688 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1063498
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.8 106.2
 115 34.3 26.1 39.1

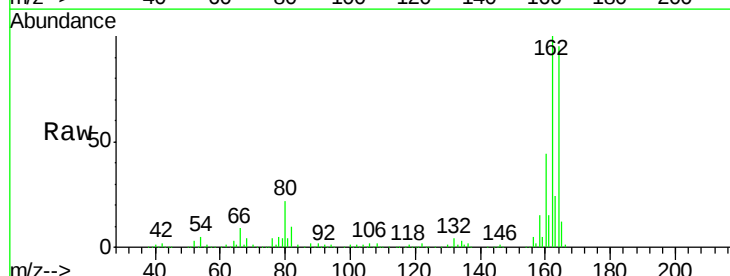


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

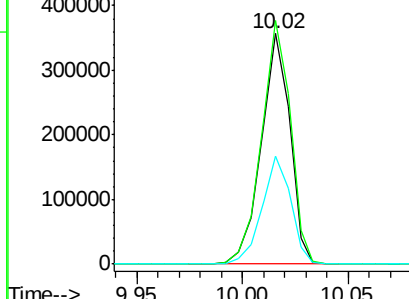
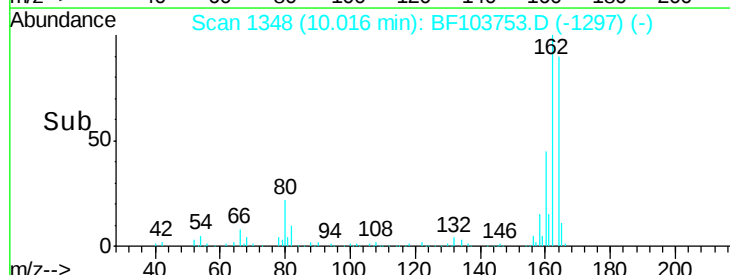


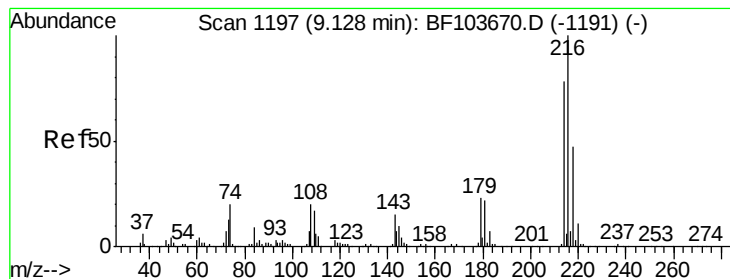
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:164 Resp: 338111
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 46.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.752 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 422032

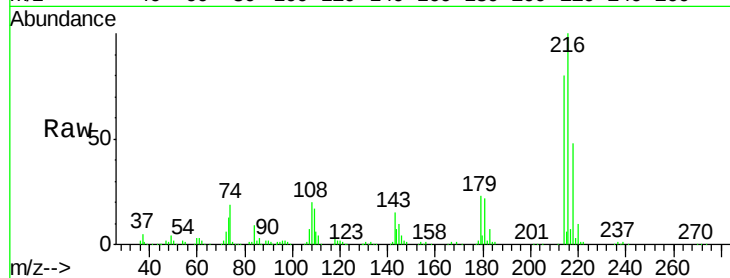
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 22.5 18.1 27.1

108 23.2 17.2 25.8

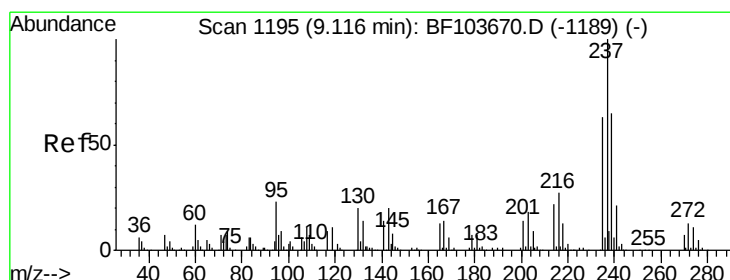
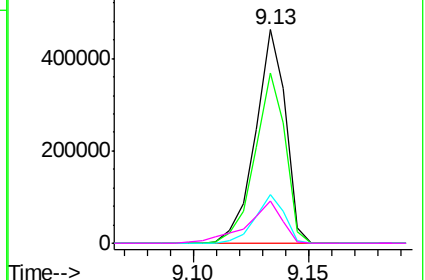
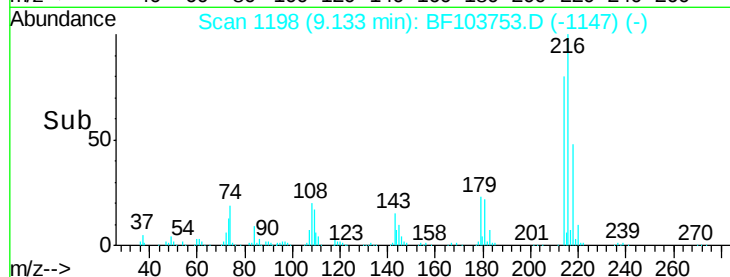


Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.689 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

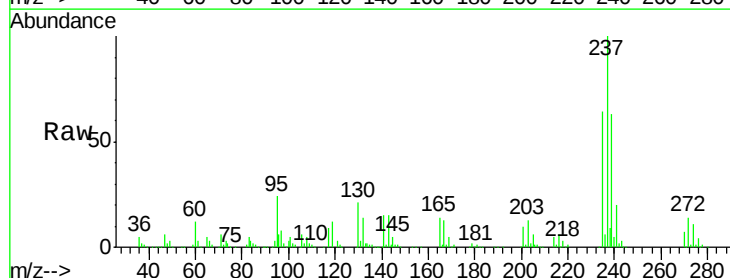
Tgt Ion:237 Resp: 466322

Ion Ratio Lower Upper

237 100

235 64.4 44.8 84.8

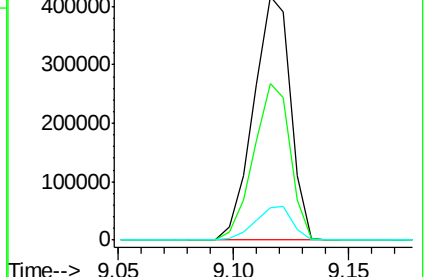
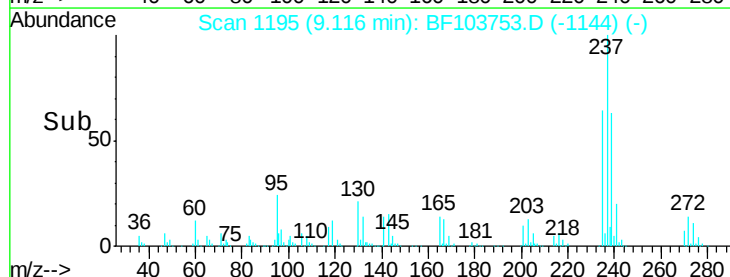
272 13.5 0.0 33.3

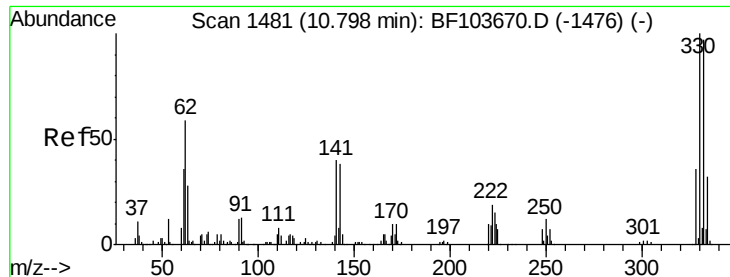


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

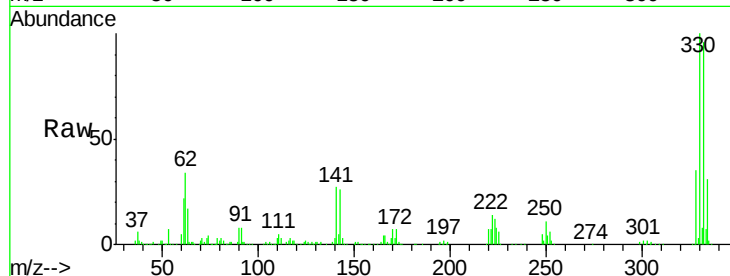




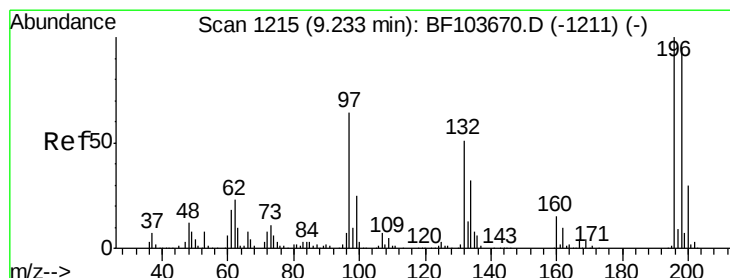
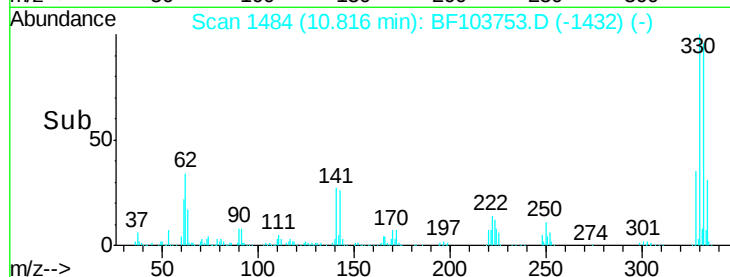
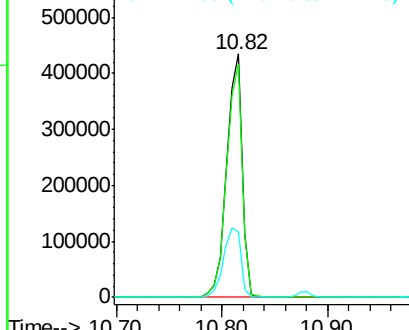
#41
 2,4,6-Tribromophenol
 Concen: 151.947 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 441724
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 32.3 29.9 44.9

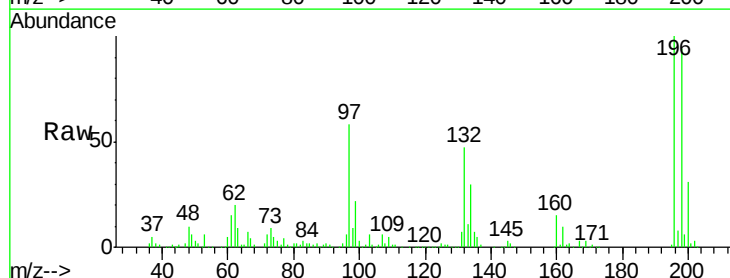


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

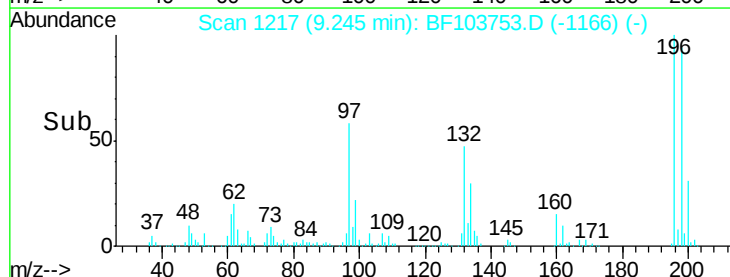
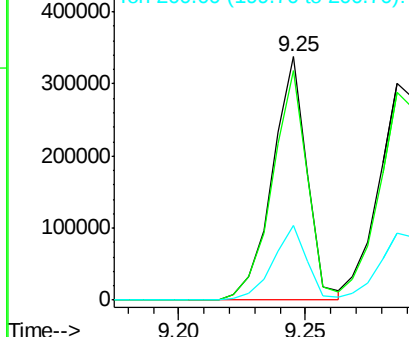


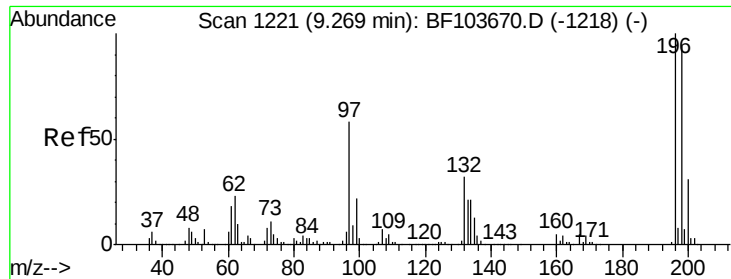
#42
 2,4,6-Trichlorophenol
 Concen: 52.448 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:196 Resp: 323592
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 30.5 24.5 36.7



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

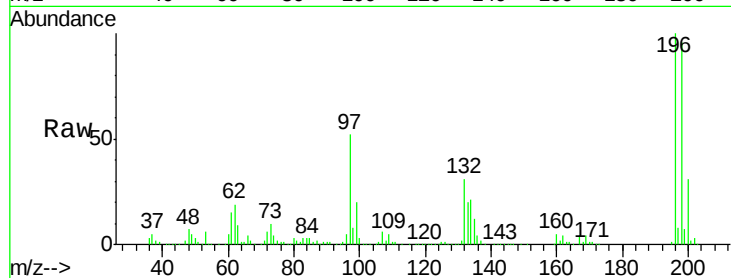




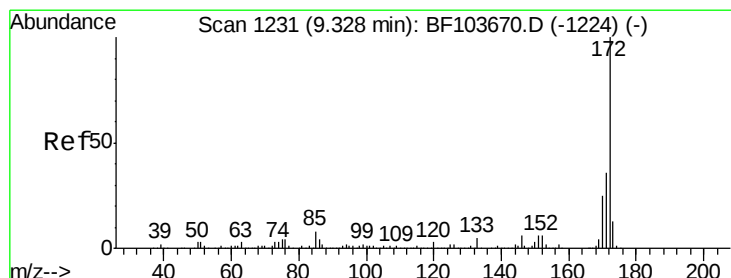
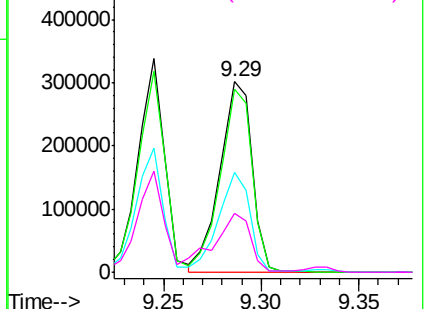
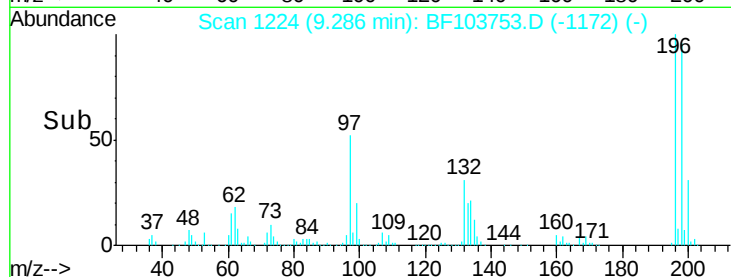
#43
2,4,5-Trichlorophenol
Concen: 49.417 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 344128
Ion Ratio Lower Upper
196 100
198 95.9 74.6 112.0
97 52.5 42.9 64.3
132 31.0 26.3 39.5

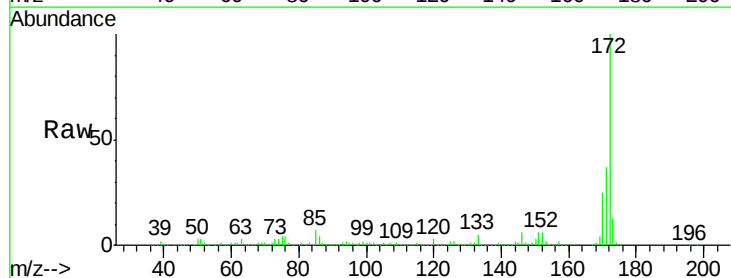


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

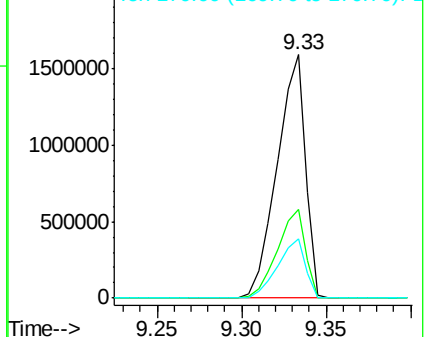
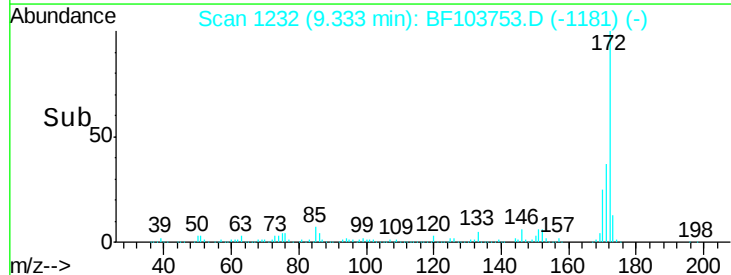


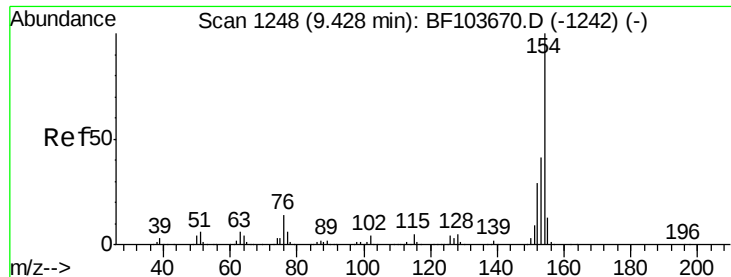
#44
2-Fluorobiphenyl
Concen: 87.694 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:172 Resp: 1858773
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.6 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

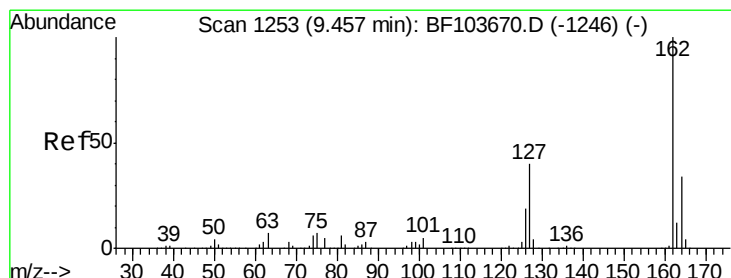
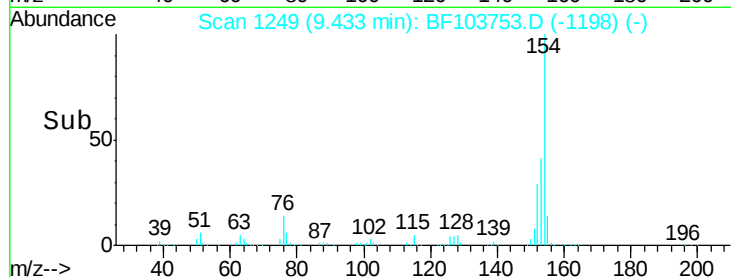
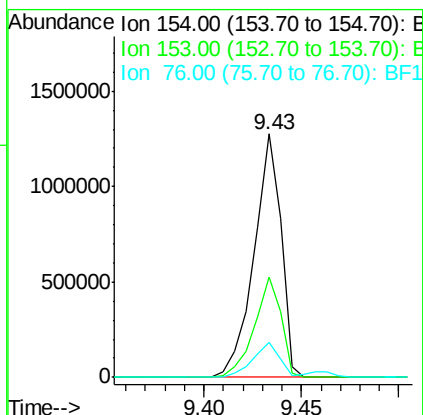
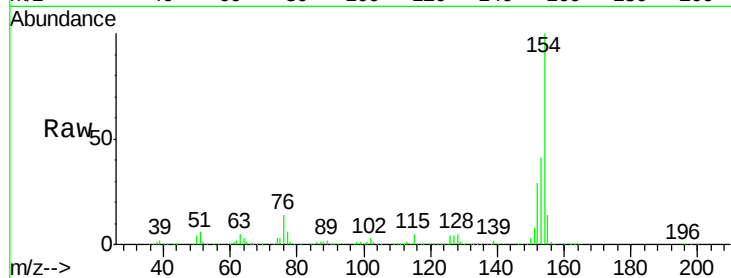




#45
 1,1'-Biphenyl
 Concen: 43.460 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

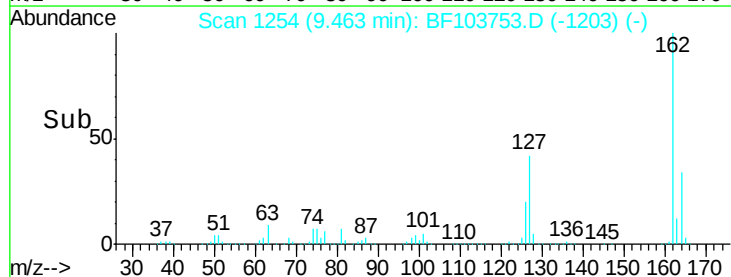
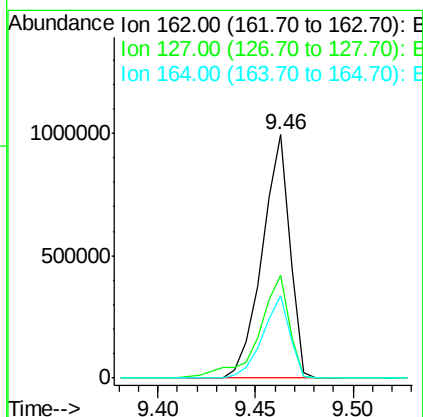
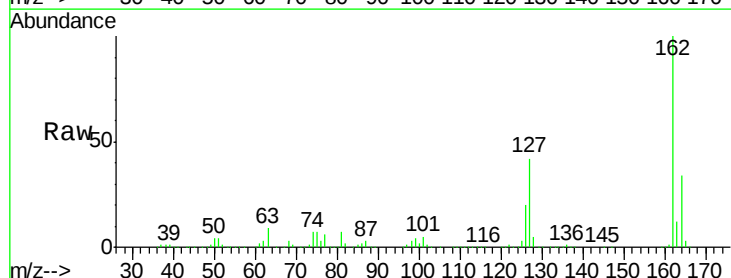
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1225288
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 14.4 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 43.502 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:162 Resp: 974147
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.9 50.9
 164 33.8 26.5 39.7

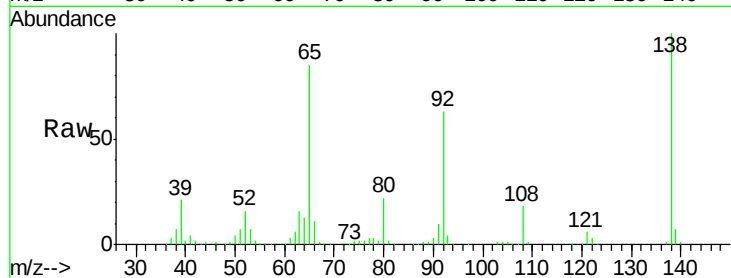




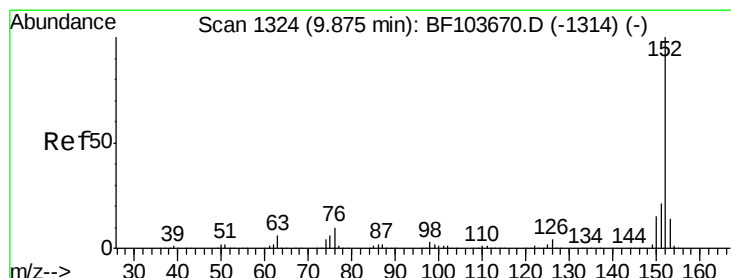
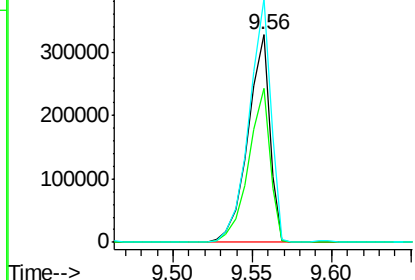
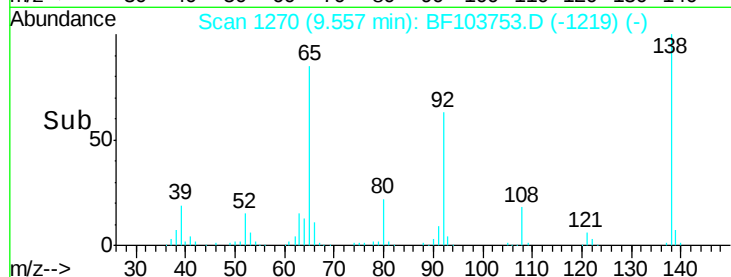
#47
 2-Nitroaniline
 Concen: 52.675 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 313104
 Ion Ratio Lower Upper
 65 100
 92 74.2 55.8 83.6
 138 117.4 91.2 136.8

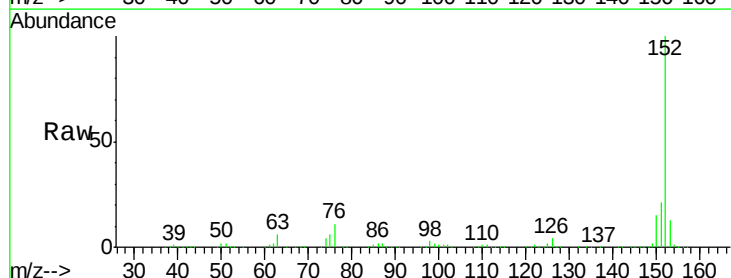


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

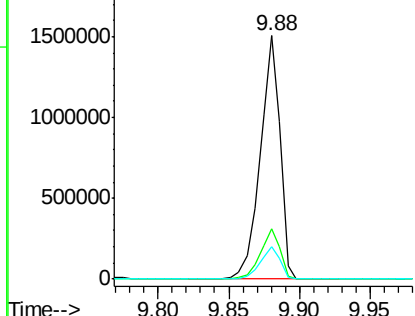
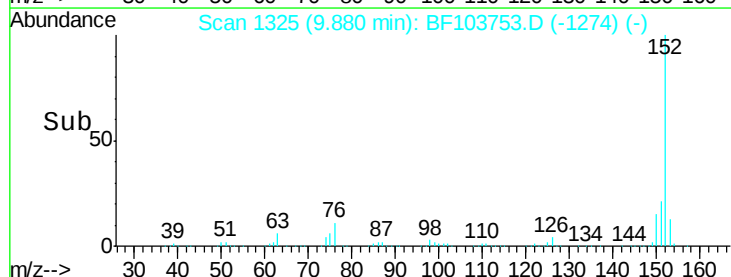


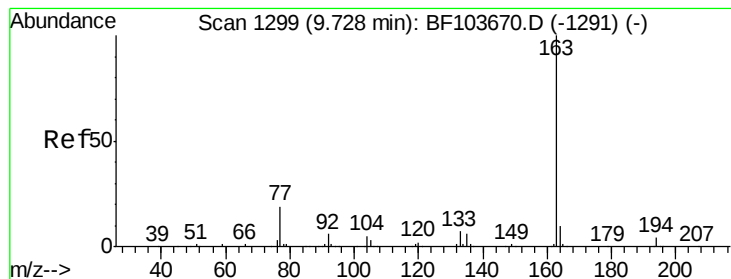
#48
 Acenaphthylene
 Concen: 42.888 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion: 152 Resp: 1489265
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.3 10.7 16.1



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





#49

Dimethylphthalate

Concen: 45.877 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampled :

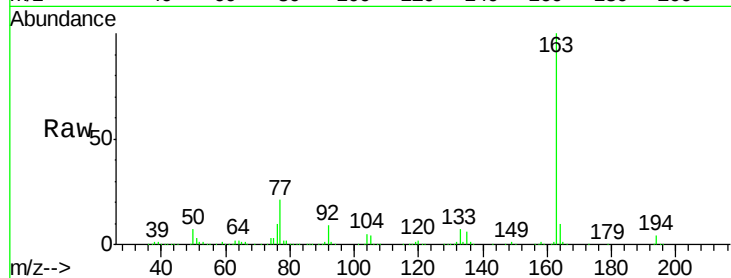
Tot Ion:163 Resp: 1183455

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

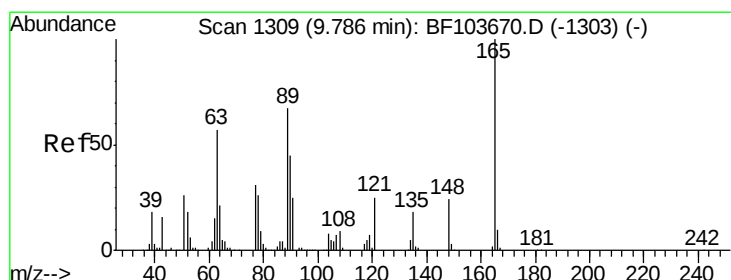
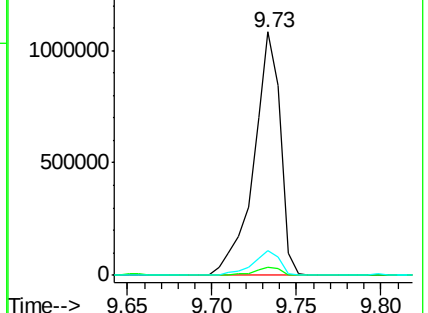
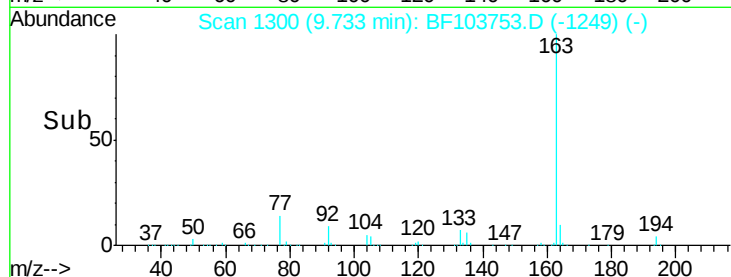
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 54.418 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

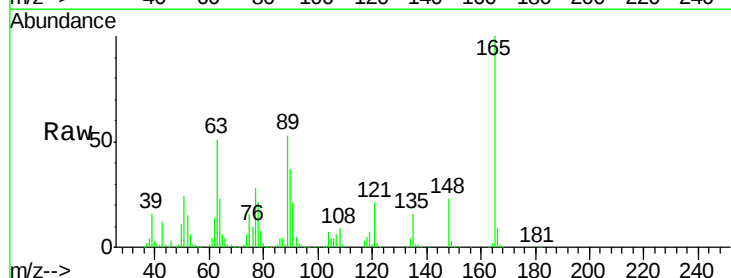
Tgt Ion:165 Resp: 274450

Ion Ratio Lower Upper

165 100

63 50.9 44.7 67.1

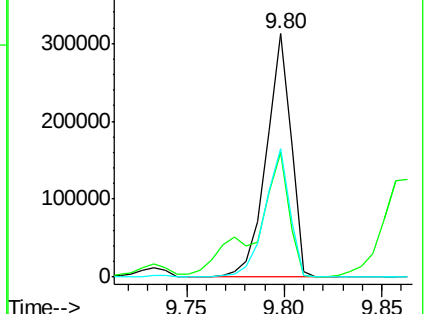
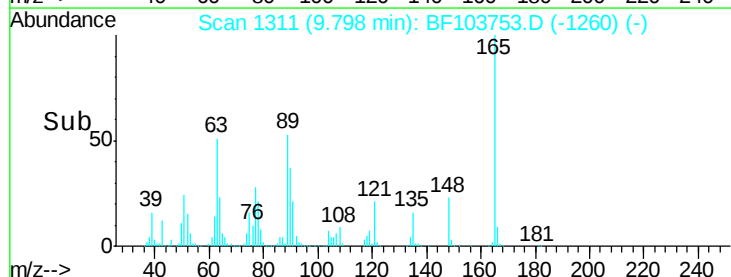
89 53.0 44.0 66.0

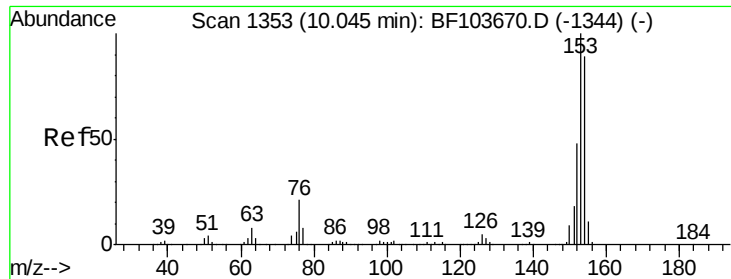


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 46.981 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

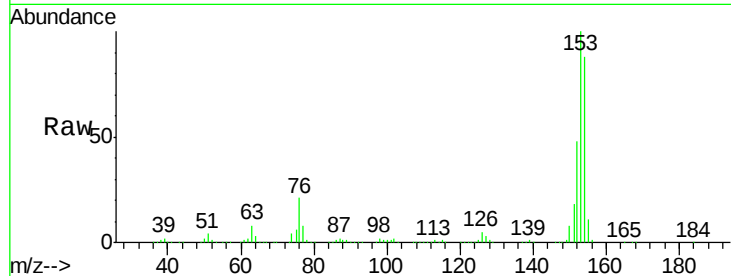
Tot Ion:154 Resp: 968665

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

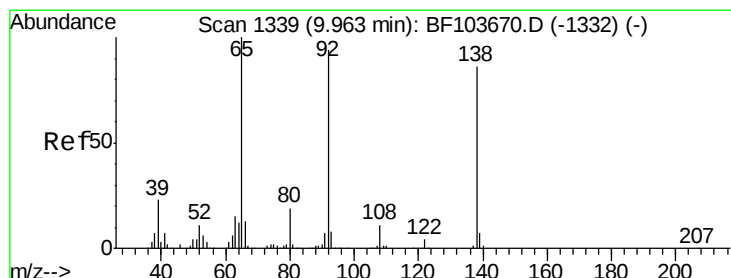
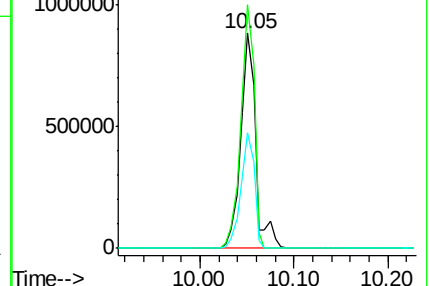
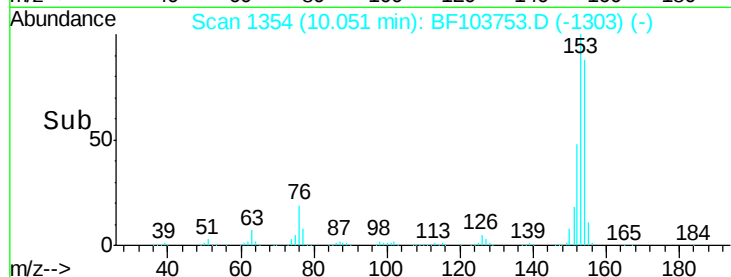
152 54.0 43.8 65.8



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: 18.917 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

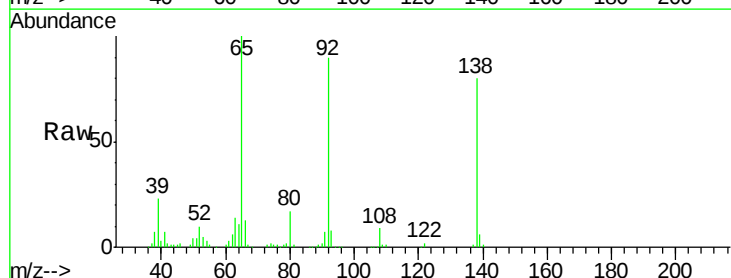
Tgt Ion:138 Resp: 98123

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

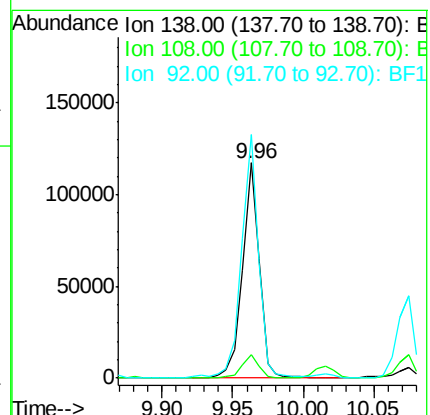
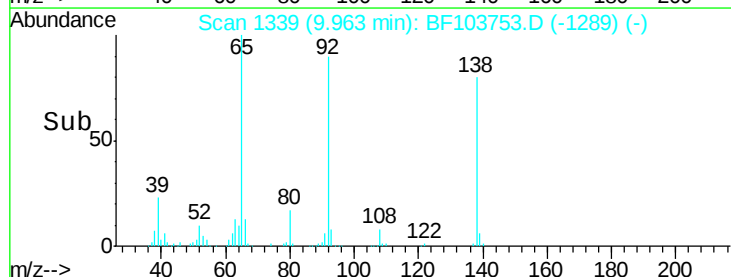
92 113.1 89.4 134.2

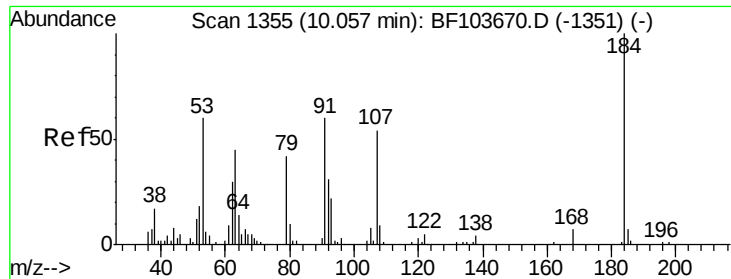


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

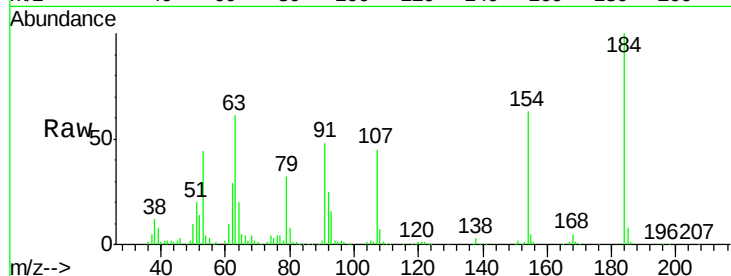




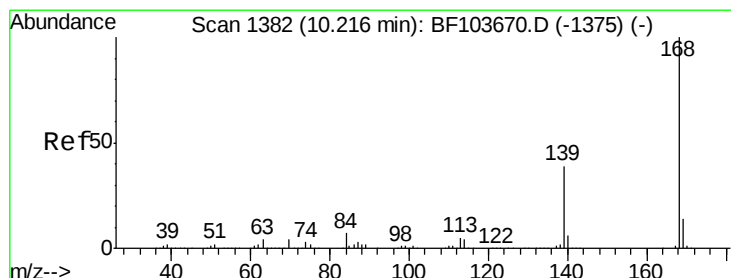
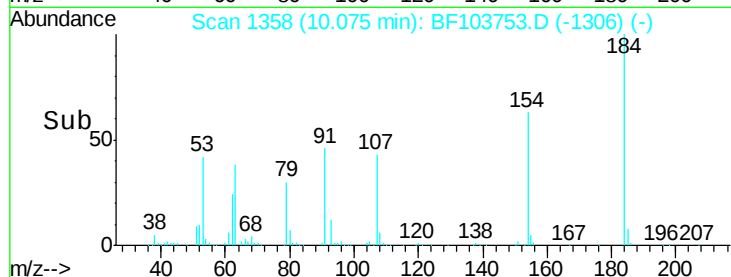
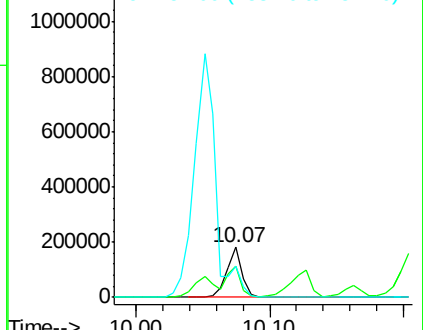
#53
2,4-Dinitrophenol
Concen: 87.467 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 144835
Ion Ratio Lower Upper
184 100
63 61.5 54.2 81.2
154 63.0 184.0 276.0#

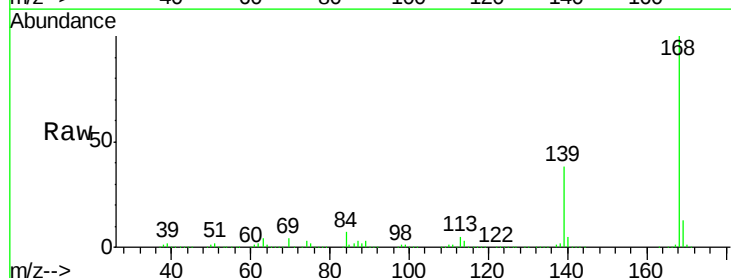


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

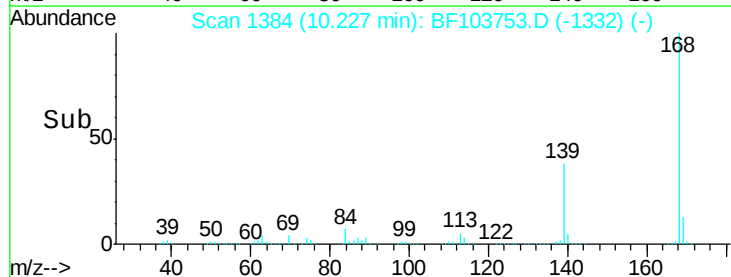
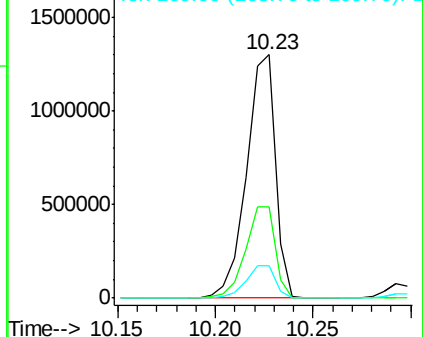


#54
Dibenzofuran
Concen: 45.268 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:168 Resp: 1333045
Ion Ratio Lower Upper
168 100
139 37.7 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

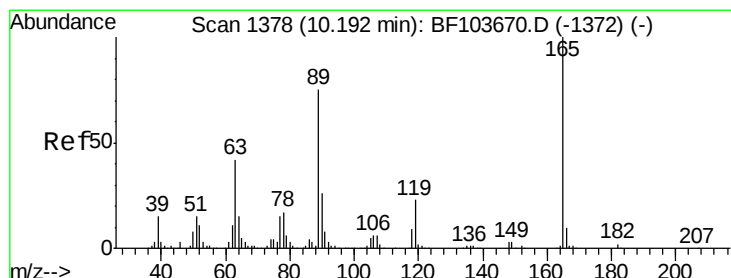
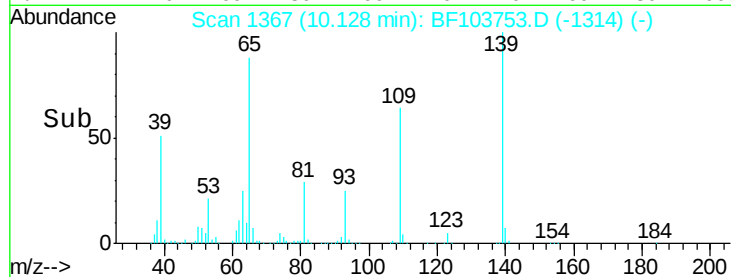
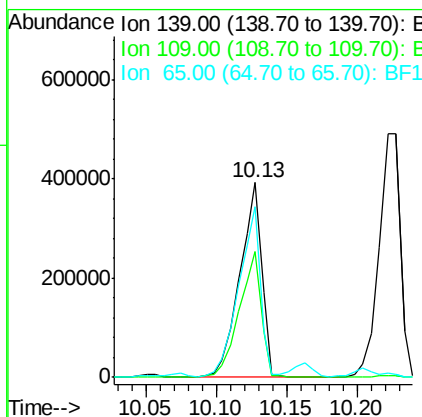
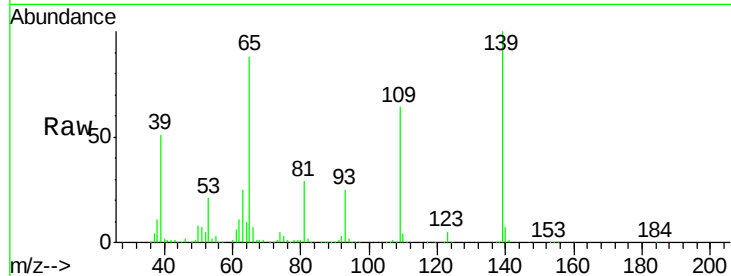




#55
4-Nitrophenol
Concen: 89.271 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

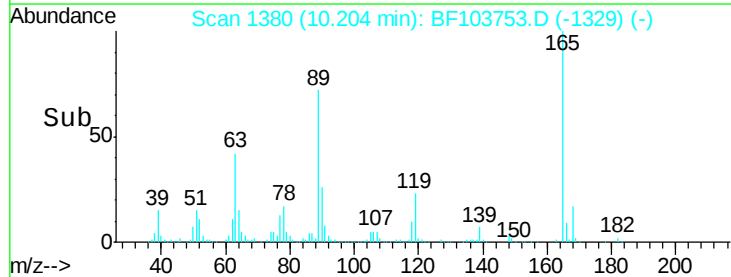
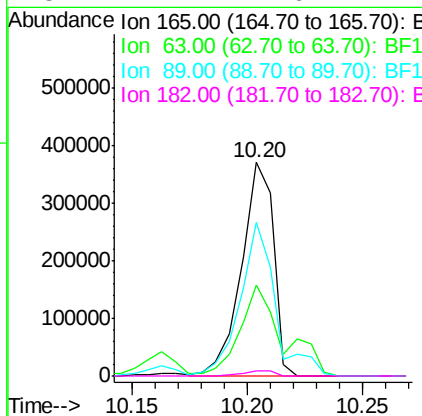
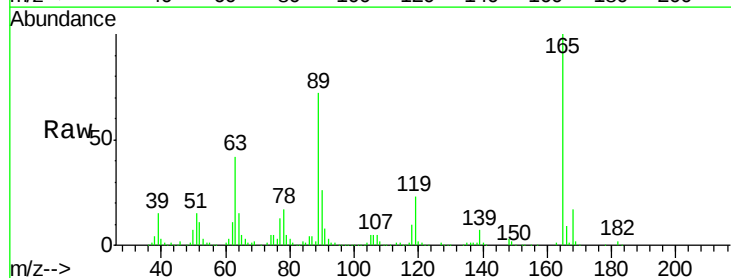
Instrument :
BNA_F
ClientSampleId :

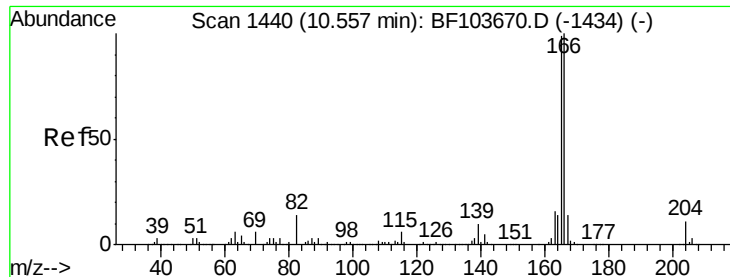
Tot Ion:139 Resp: 424509
Ion Ratio Lower Upper
139 100
109 64.5 48.4 88.4
65 87.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 55.863 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:165 Resp: 360553
Ion Ratio Lower Upper
165 100
63 42.3 36.4 54.6
89 71.7 57.8 86.6
182 2.4 1.6 2.4

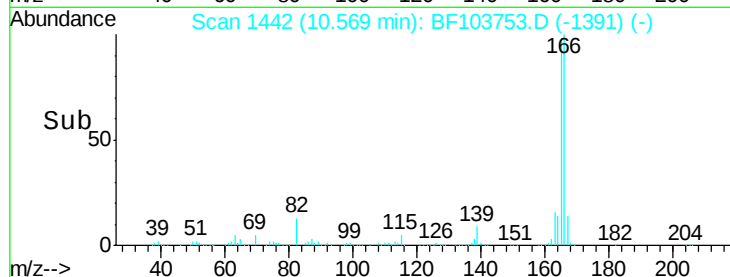
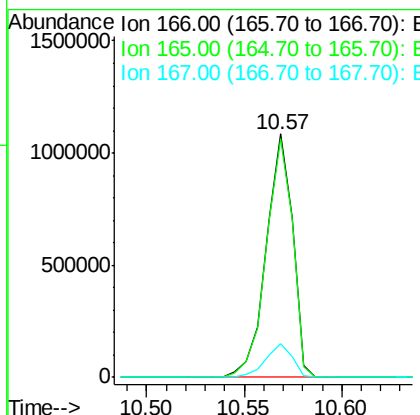
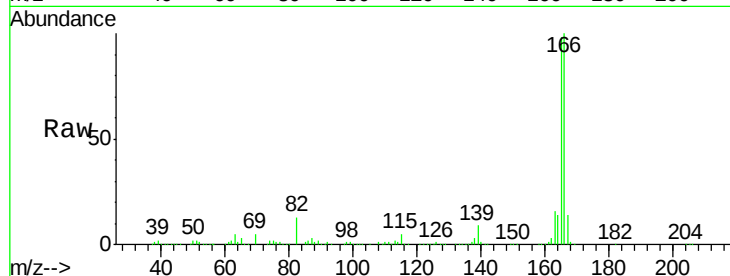




#57
 Fluorene
 Concen: 44.451 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

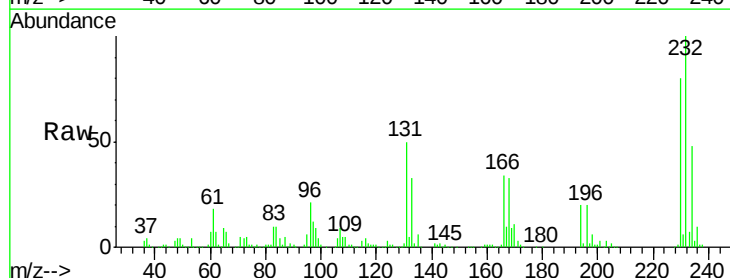
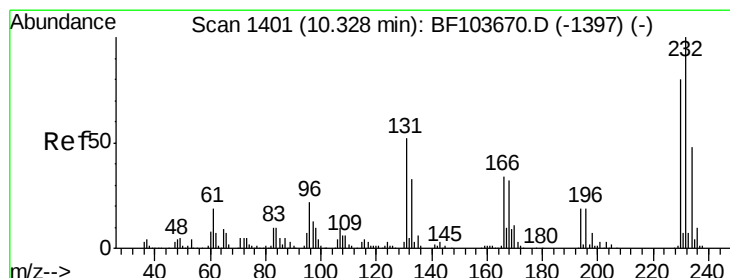
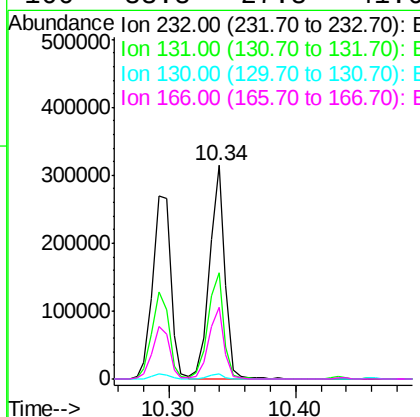
Instrument :
 BNA_F
 ClientSampled :

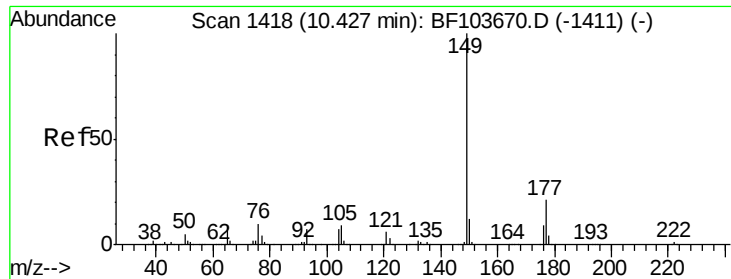
Tot Ion:166 Resp: 1015734
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.891 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:232 Resp: 265916
 Ion Ratio Lower Upper
 232 100
 131 51.2 43.8 65.8
 130 2.5 2.1 3.1
 166 33.8 27.8 41.6

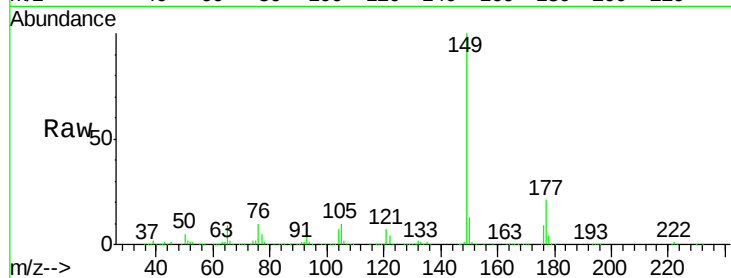




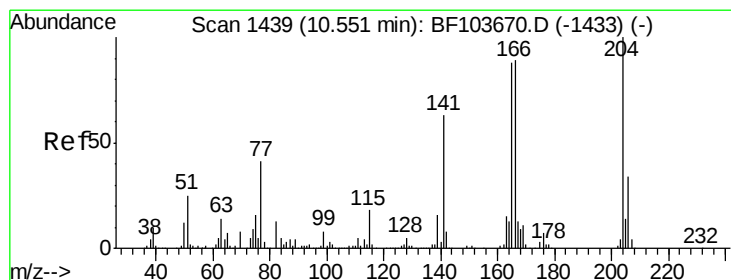
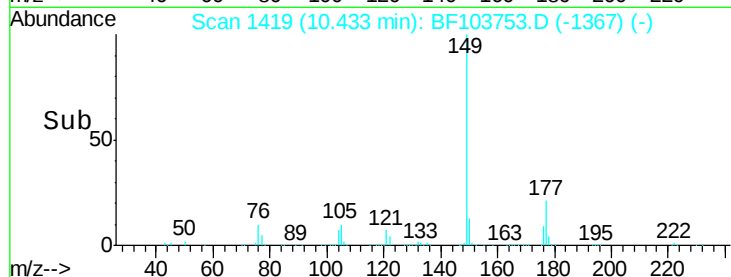
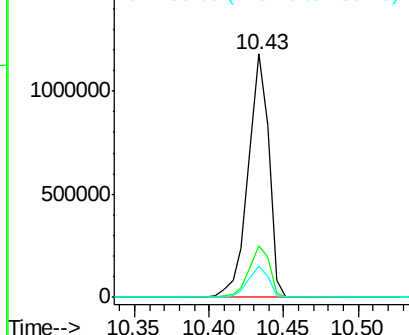
#59
Diethylphthalate
Concen: 43.864 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1123073
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.7 10.1 15.1

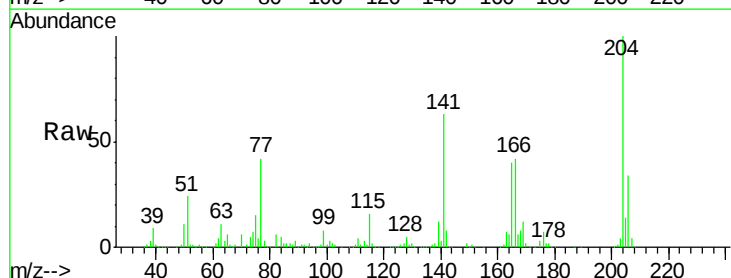


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

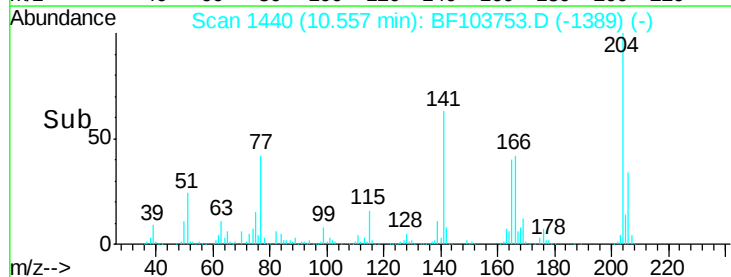
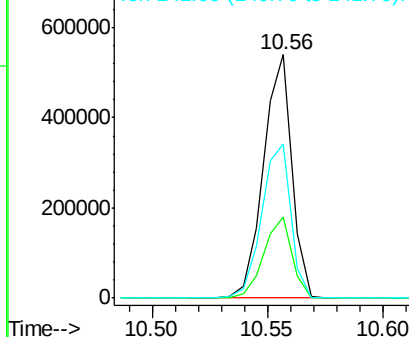


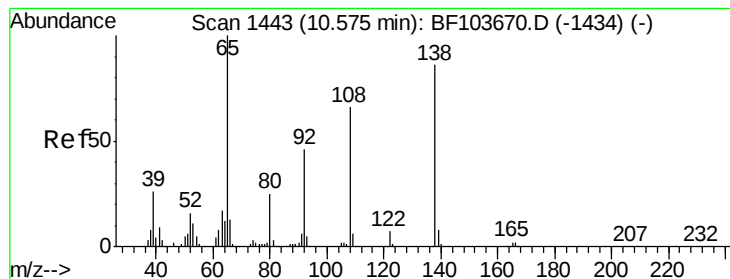
#60
4-Chlorophenyl-phenylether
Concen: 44.280 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:204 Resp: 462415
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 63.3 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: 49.567 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampled :

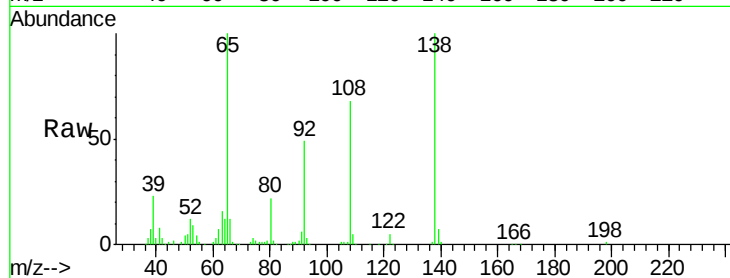
Tot Ion:138 Resp: 286073

Ion Ratio Lower Upper

138 100

92 48.7 30.2 70.2

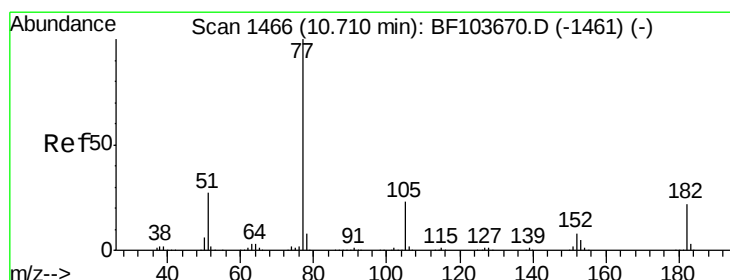
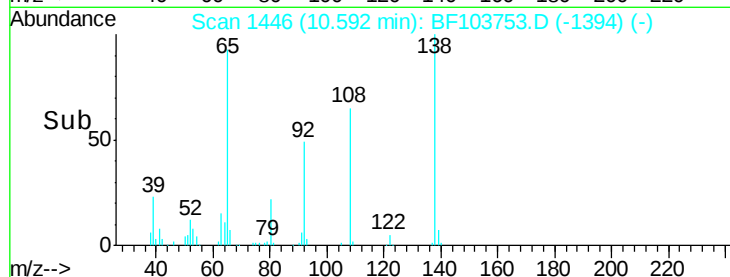
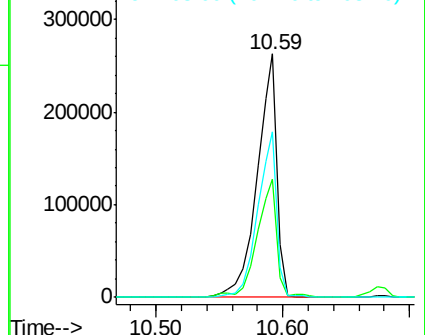
108 67.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.381 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Tgt Ion: 77 Resp: 1103182

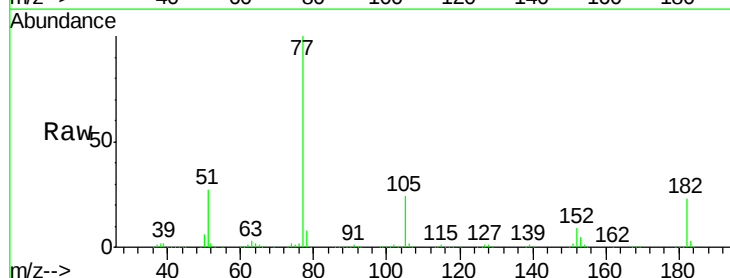
Ion Ratio Lower Upper

77 100

182 23.5 1.7 41.7

105 23.9 3.0 43.0

51 26.7 9.9 49.9

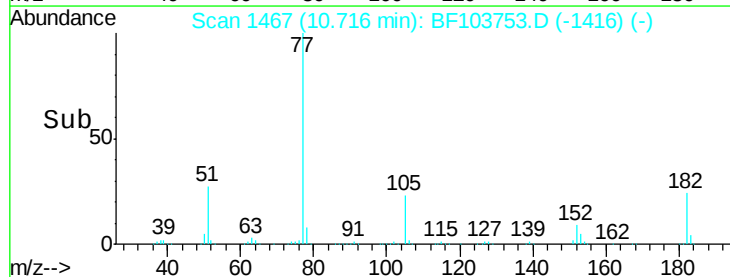
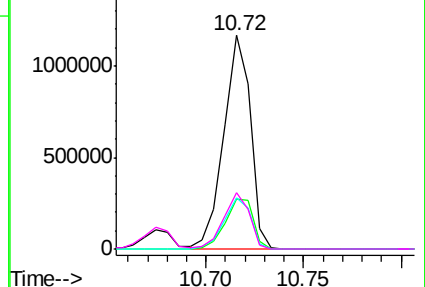


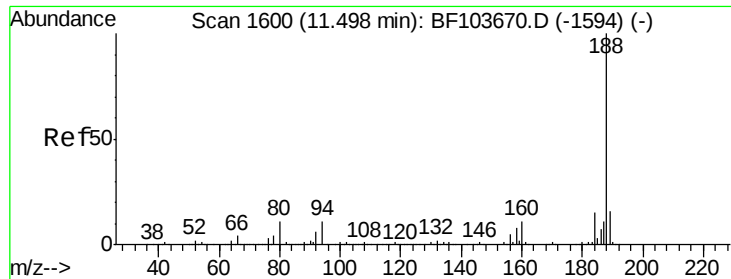
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

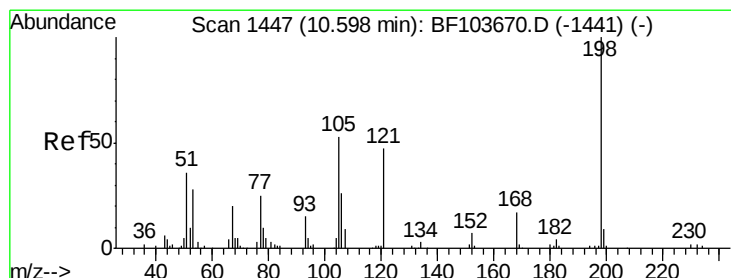
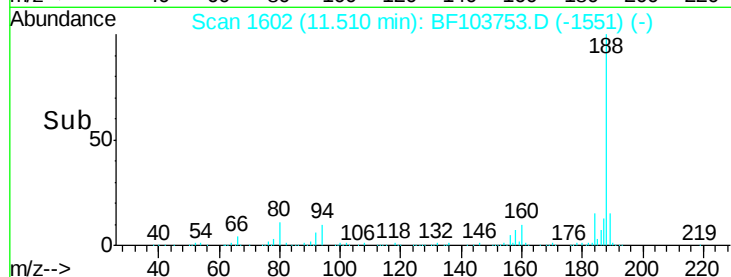
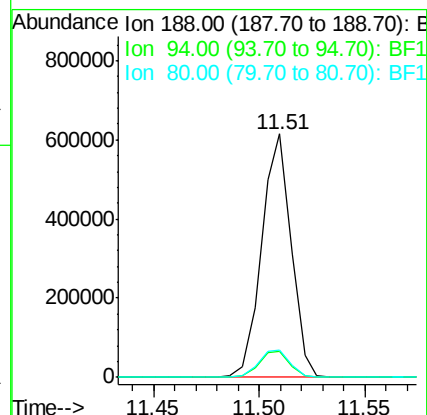
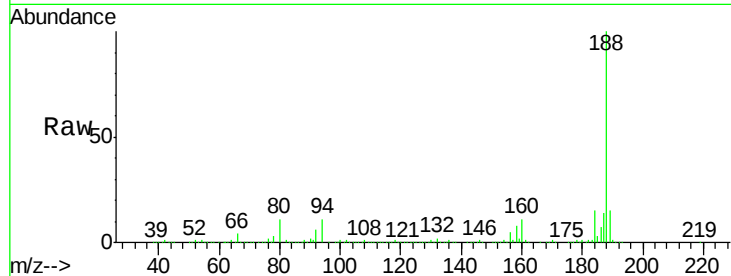




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

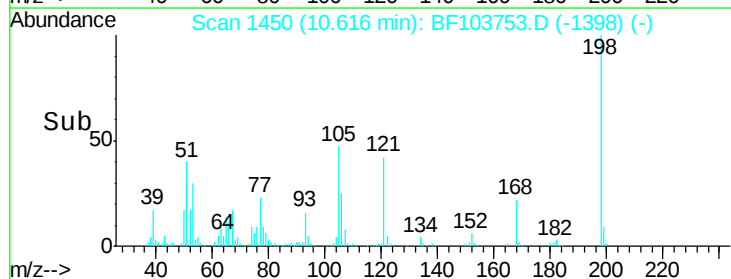
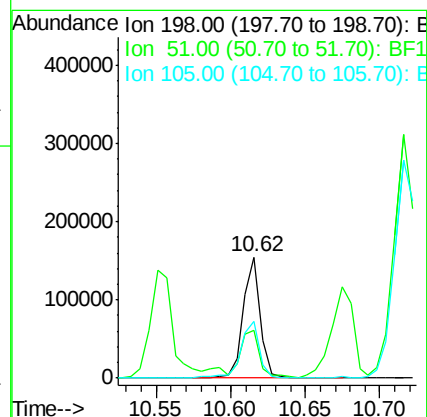
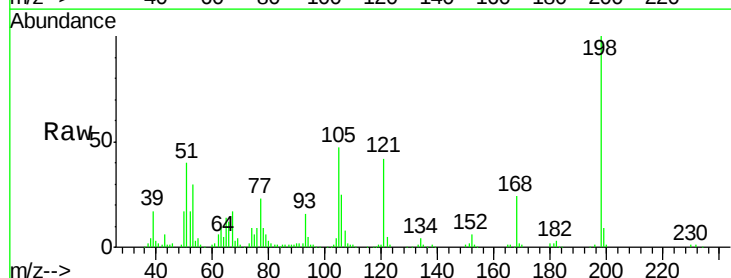
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 598039
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 53.280 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:198 Resp: 123475
Ion Ratio Lower Upper
198 100
51 39.8 37.7 77.7
105 47.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 45.893 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampled :

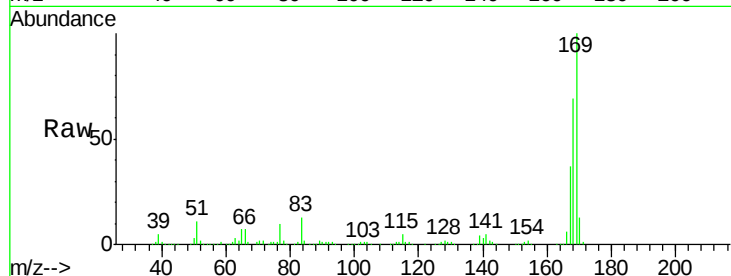
Tot Ion:169 Resp: 934212

Ion Ratio Lower Upper

169 100

168 68.6 54.4 81.6

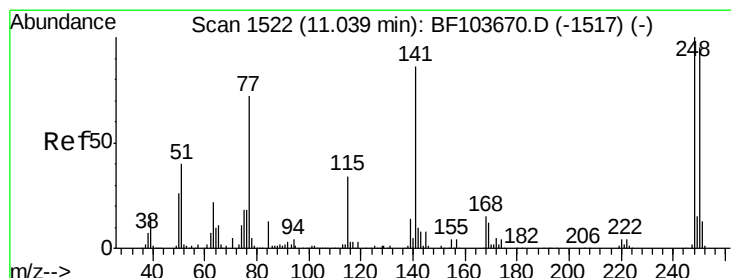
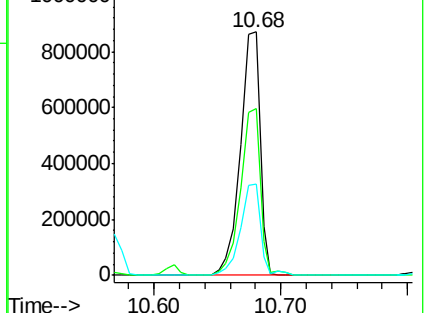
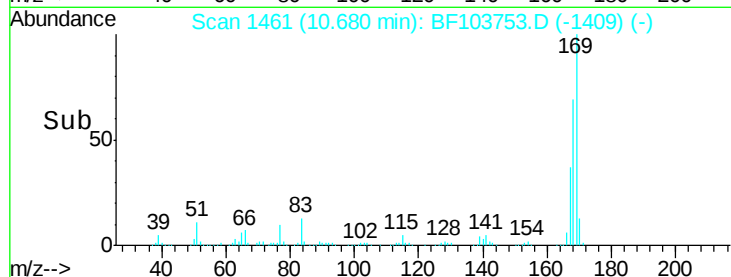
167 37.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.626 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

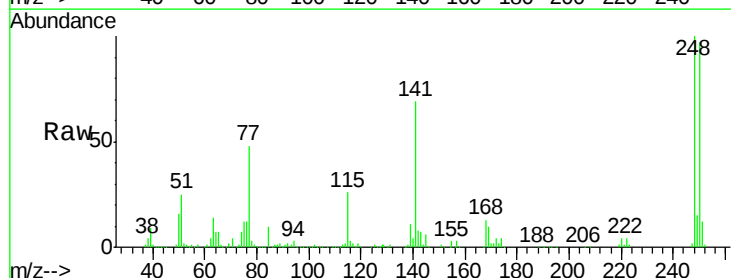
Tgt Ion:248 Resp: 292440

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

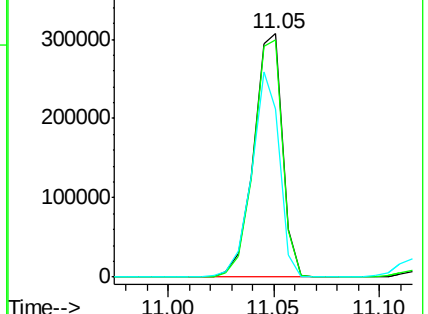
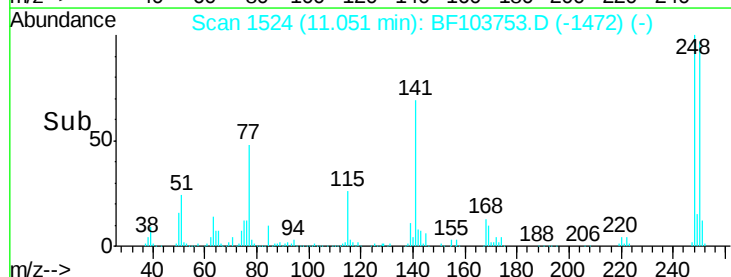
141 69.0 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

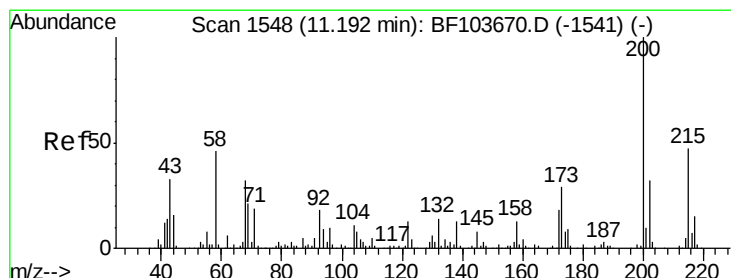
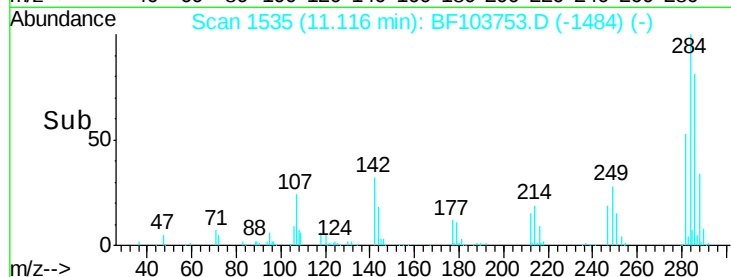
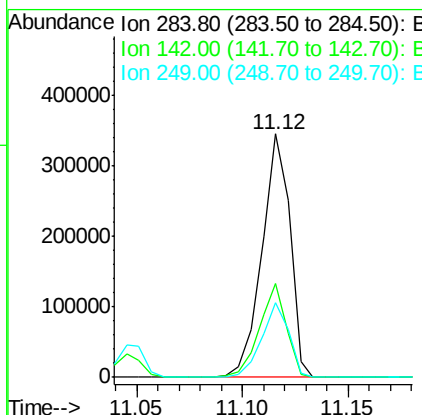
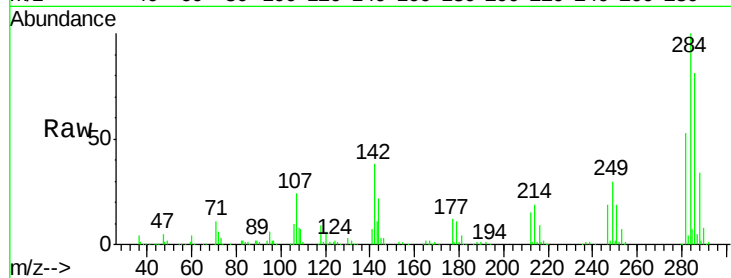




#67
Hexachlorobenzene
Concen: 45.728 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

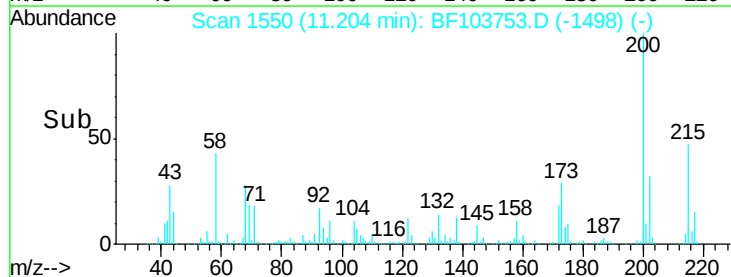
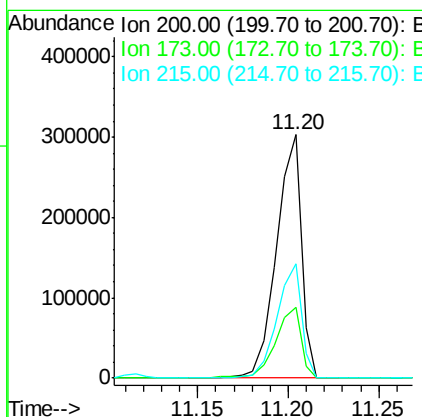
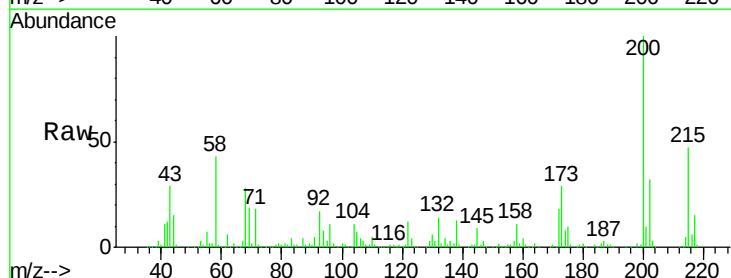
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 320469
Ion Ratio Lower Upper
284 100
142 38.4 34.6 52.0
249 30.5 24.8 37.2



#68
Atrazine
Concen: 45.790 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:200 Resp: 288339
Ion Ratio Lower Upper
200 100
173 29.0 8.6 48.6
215 47.1 25.1 65.1

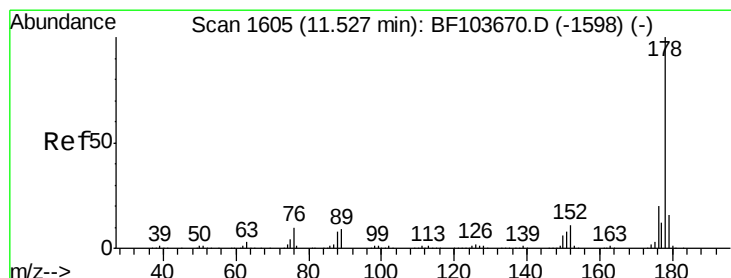
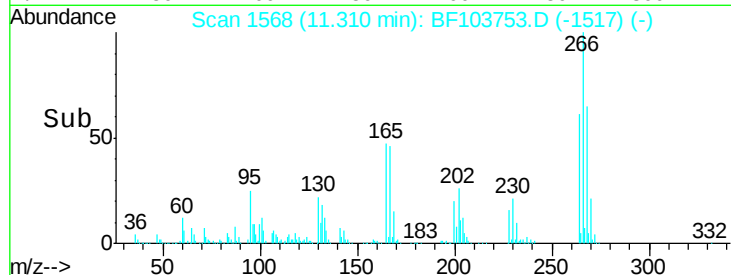
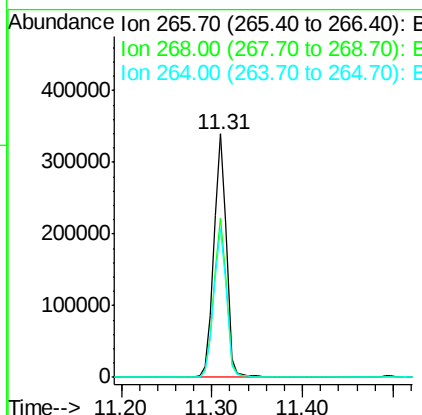
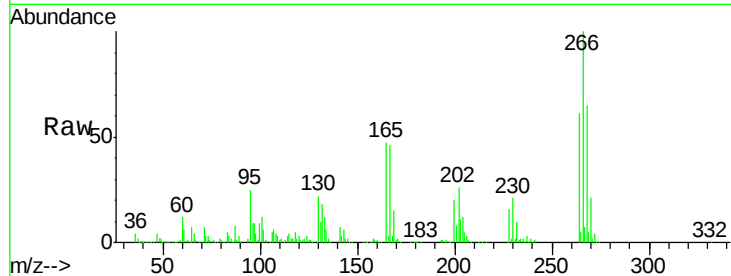




#69
 Pentachlorophenol
 Concen: 82.183 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

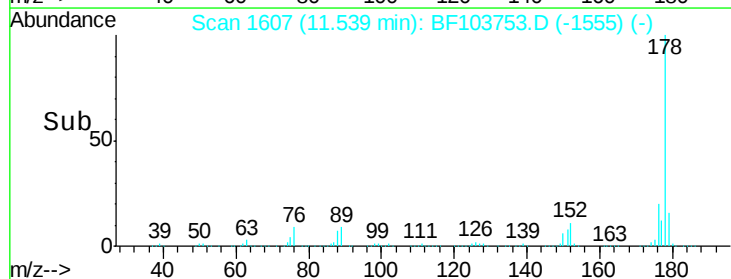
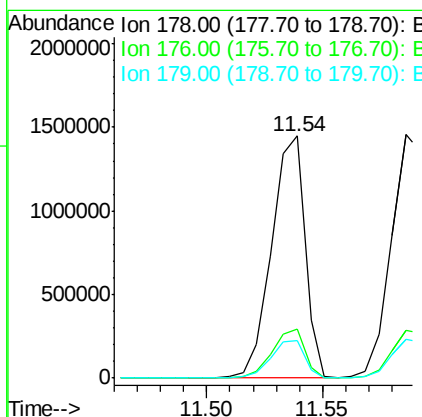
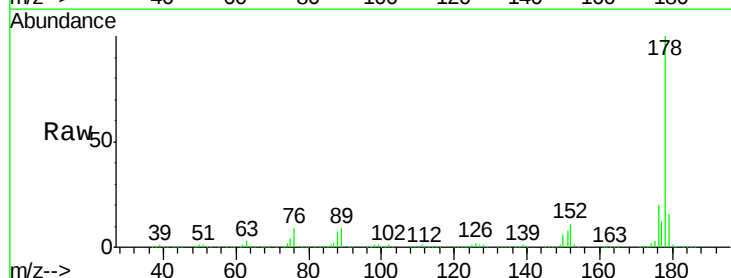
Instrument :
 BNA_F
 ClientSampled :

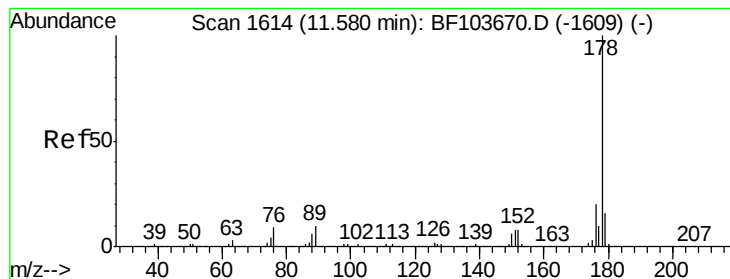
Tot Ion:266 Resp: 331121
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.1 76.7
 264 61.0 49.5 74.3



#70
 Phenanthrene
 Concen: 44.439 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:178 Resp: 1453779
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.8 13.0 19.6





#71

Anthracene

Concen: 44.817 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

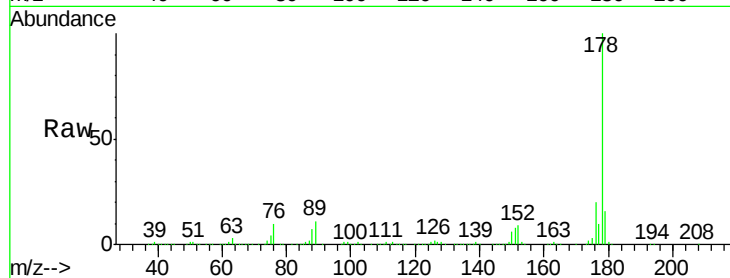
Tot Ion:178 Resp: 1489116

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

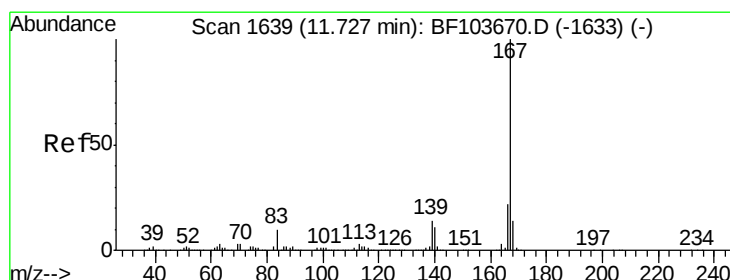
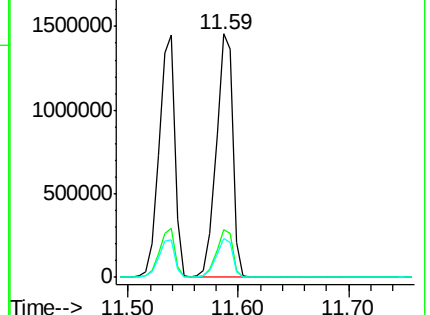
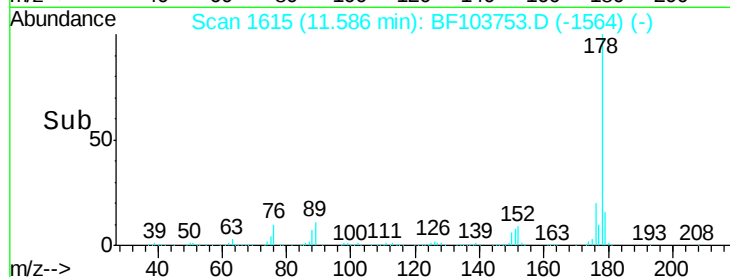
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.533 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

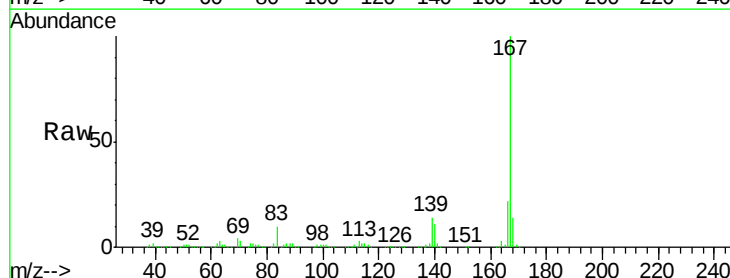
Tgt Ion:167 Resp: 1438168

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

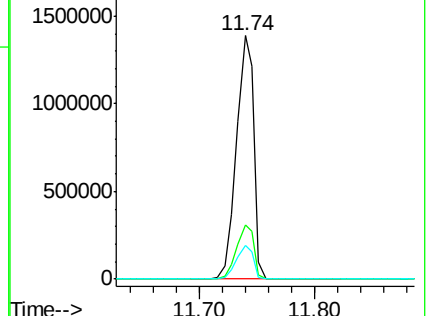
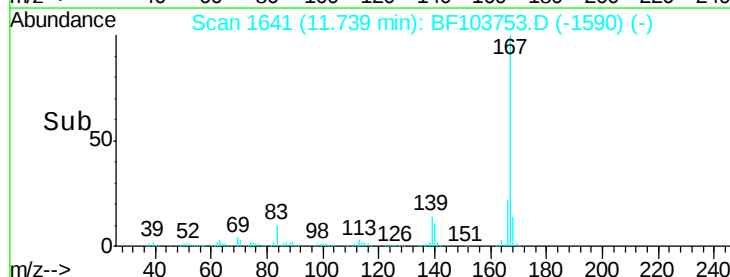
139 13.9 10.9 16.3

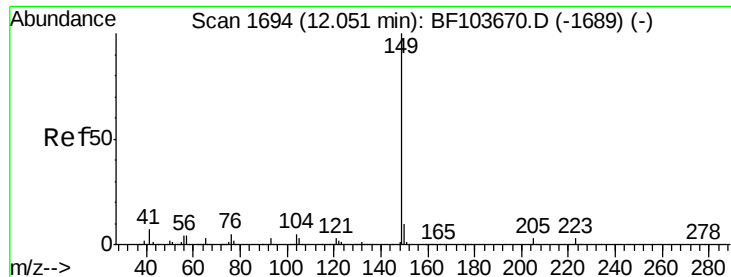


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

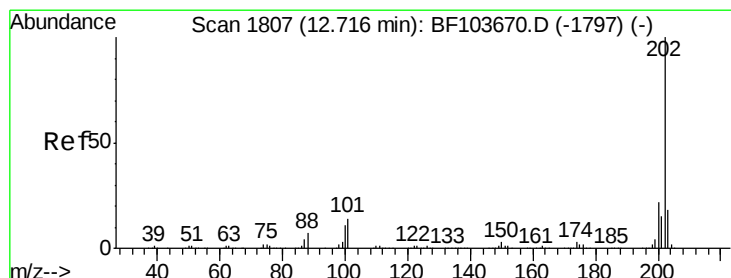
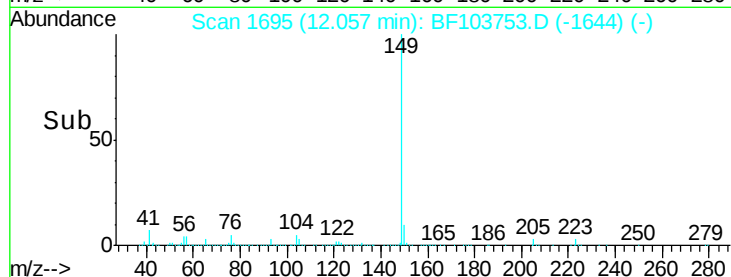
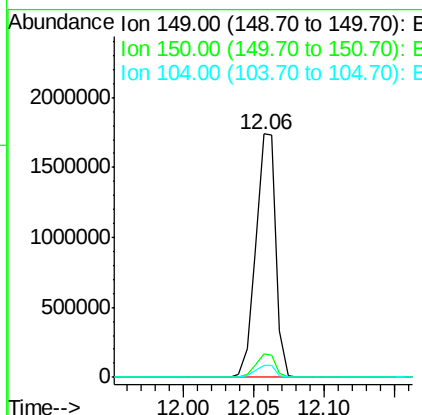
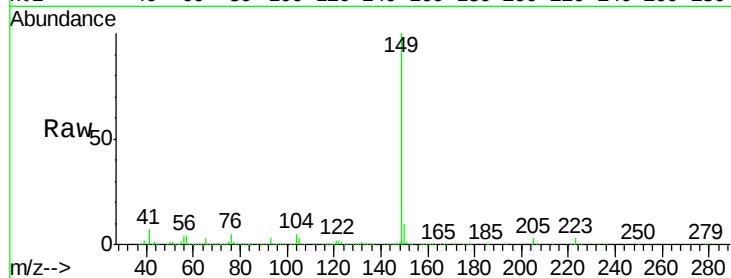




#73
Di-n-butylphthalate
Concen: 44.983 ng
RT: 12.06 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

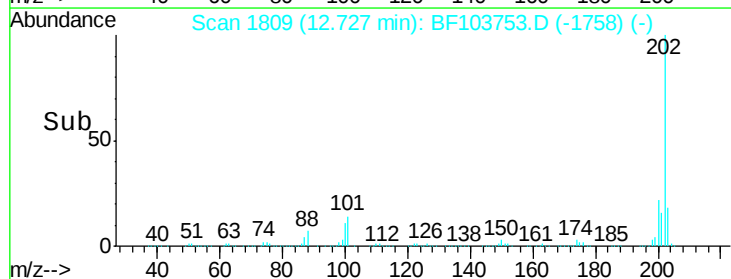
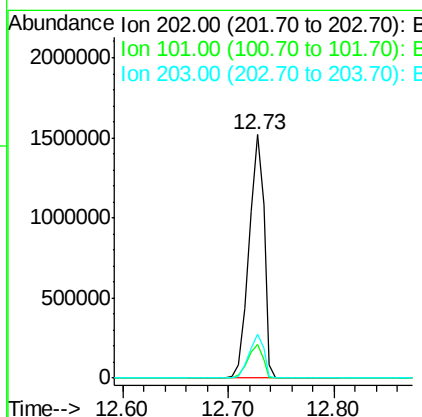
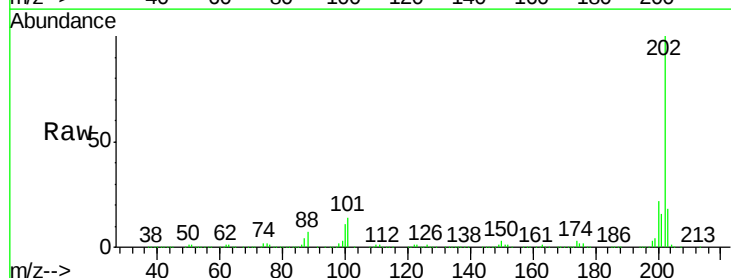
Instrument :
BNA_F
ClientSampleId :

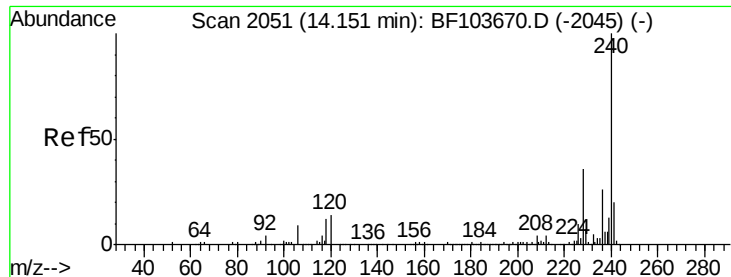
Tot Ion:149 Resp: 1743091
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.1 3.8 5.8



#74
Fluoranthene
Concen: 44.744 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:202 Resp: 1507993
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.1
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

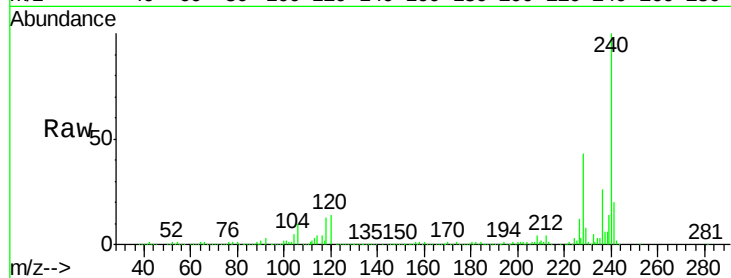
Tot Ion:240 Resp: 459794

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

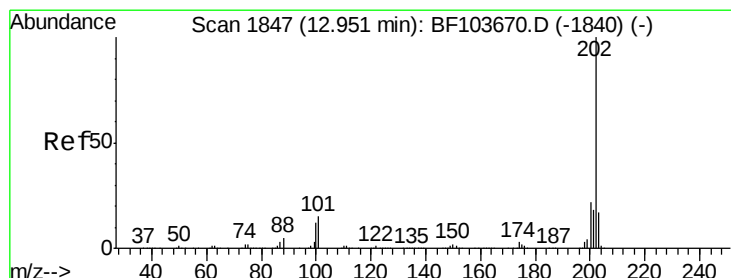
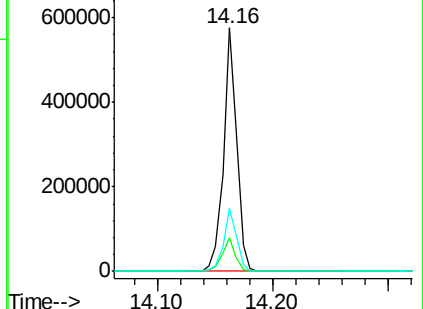
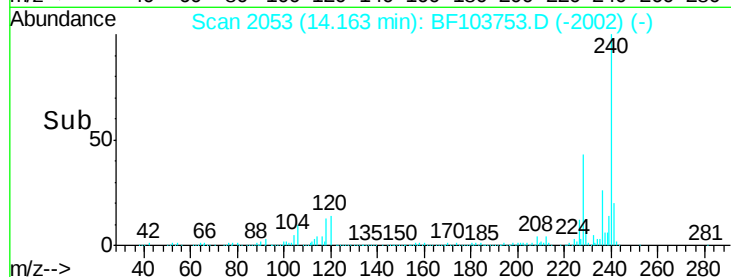
236 25.9 20.7 31.1



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: 44.996 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

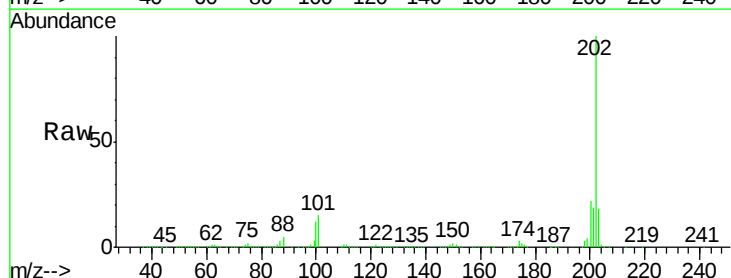
Tgt Ion:202 Resp: 1519391

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

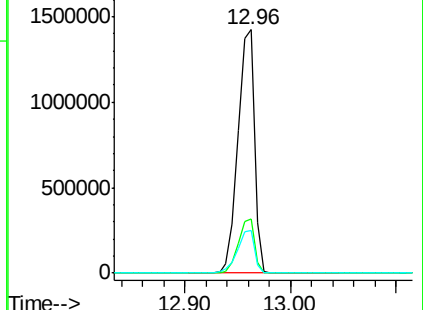
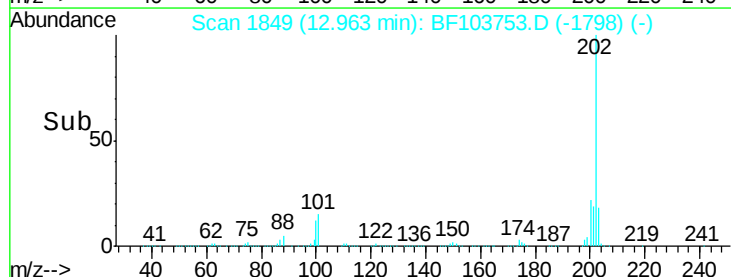
203 17.8 14.3 21.5

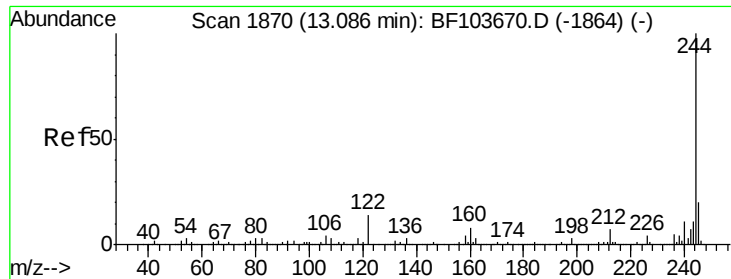


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

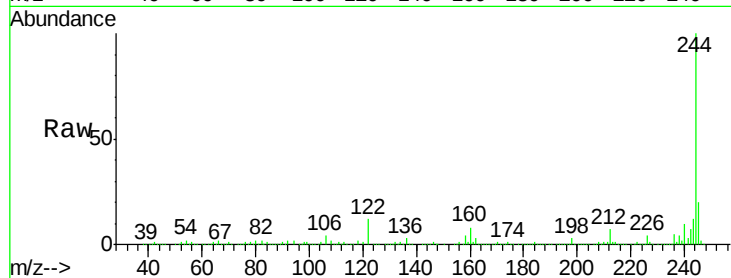




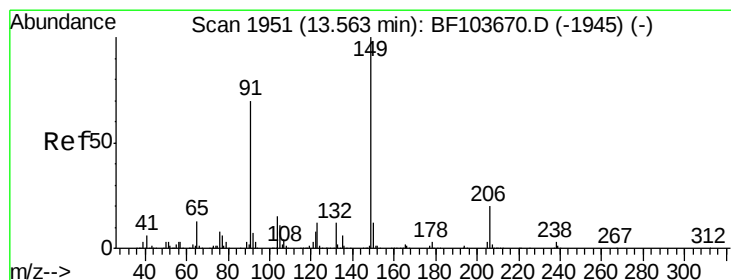
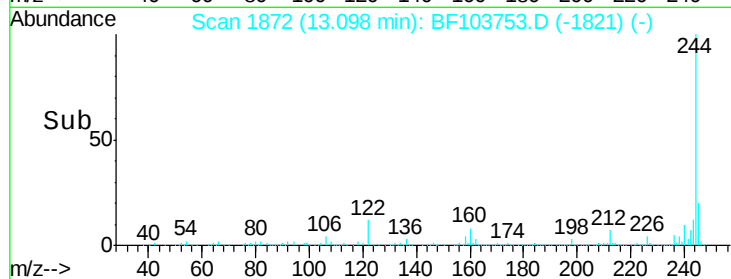
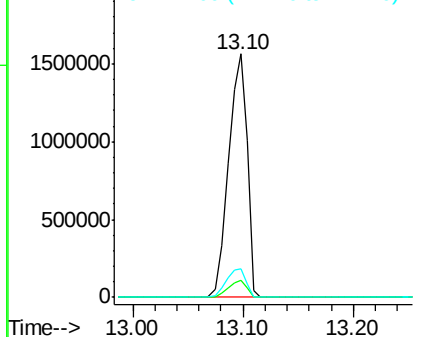
#78
 Terphenyl-d14
 Concen: 93.227 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1846735
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.7 11.0 16.4

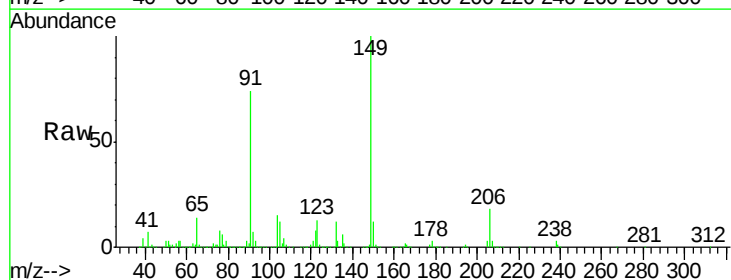


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

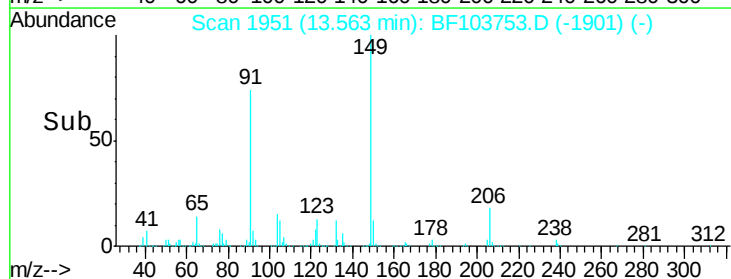
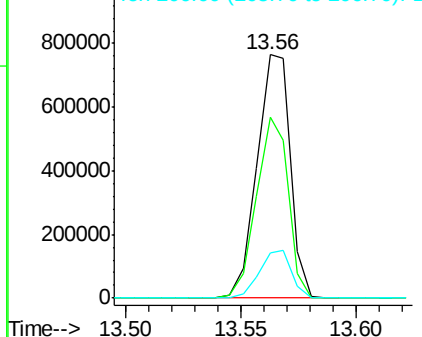


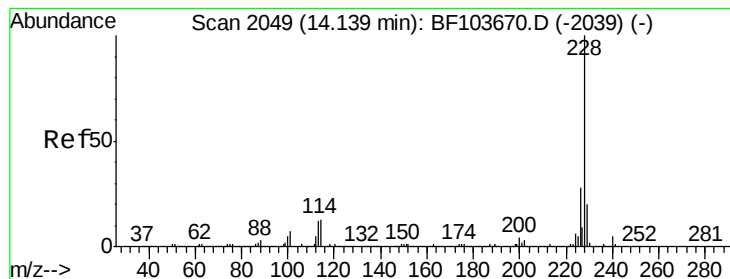
#79
 Butylbenzylphthalate
 Concen: 51.369 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BF103753.D
 Acq: 19 Mar 2018 13:30

Tgt Ion:149 Resp: 768508
 Ion Ratio Lower Upper
 149 100
 91 74.3 56.8 85.2
 206 18.4 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: 46.675 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

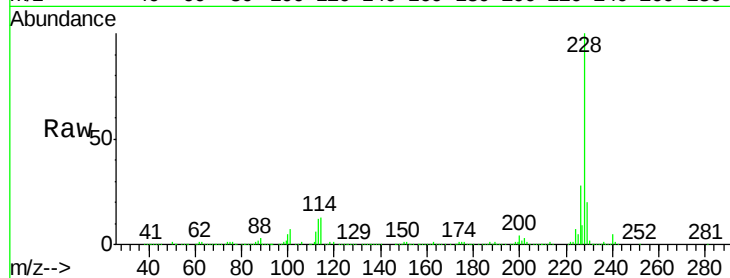
Tot Ion:228 Resp: 1358469

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

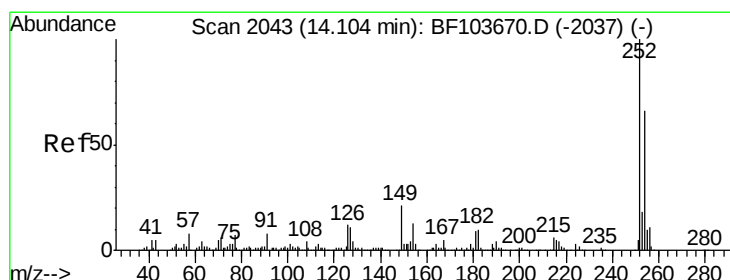
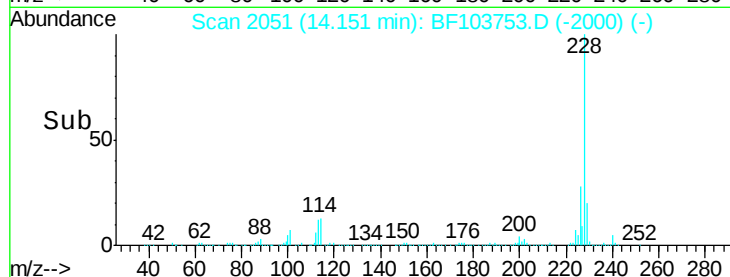
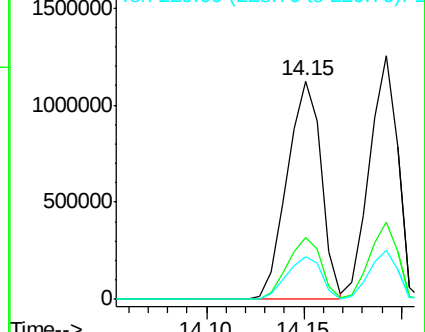
229 19.8 15.8 23.6



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: 11.832 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

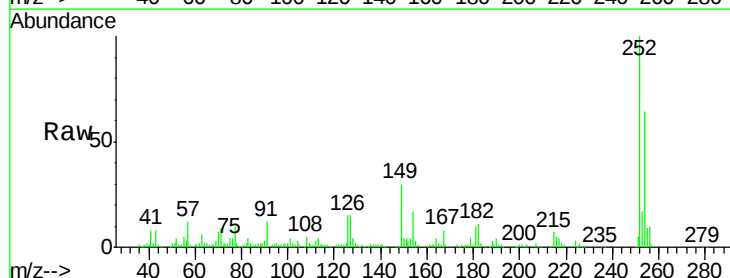
Tgt Ion:252 Resp: 115186

Ion Ratio Lower Upper

252 100

254 63.7 50.4 75.6

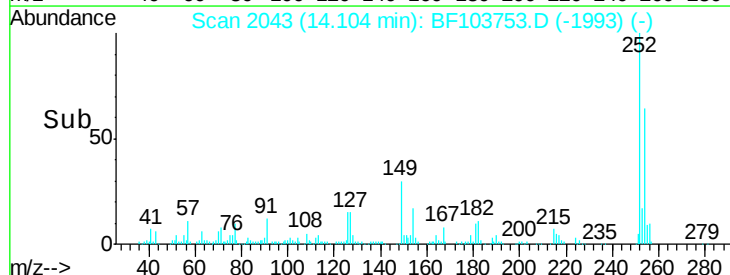
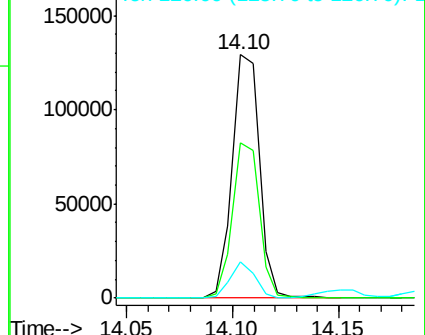
126 15.0 11.3 16.9

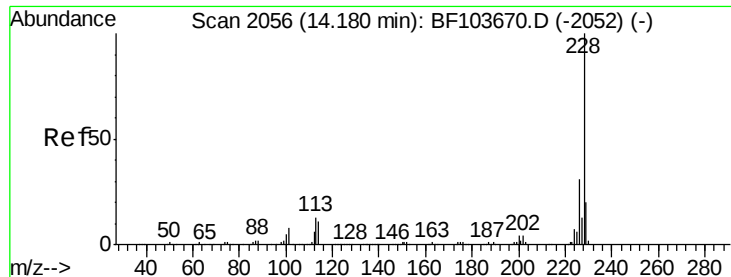


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.686 ng

RT: 14.19 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

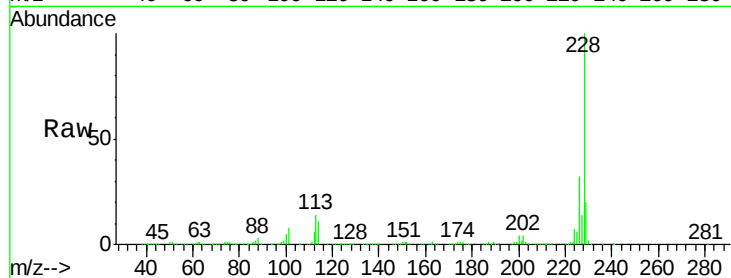
Tot Ion:228 Resp: 1267536

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.6

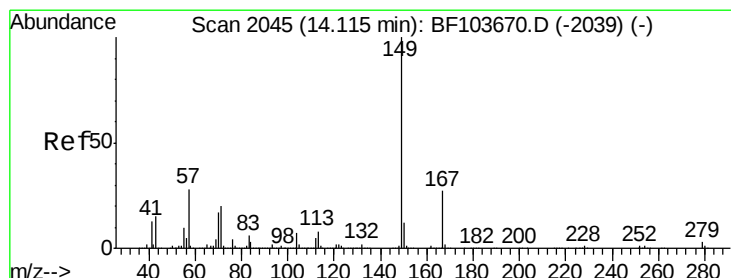
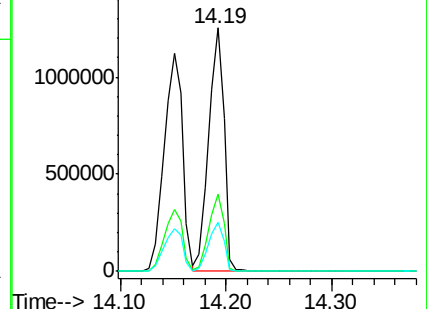
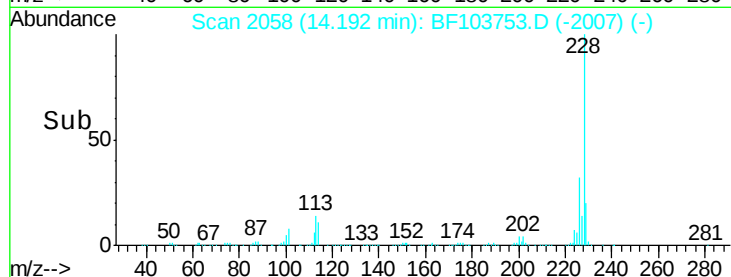
229 20.3 16.2 24.4



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: 49.129 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

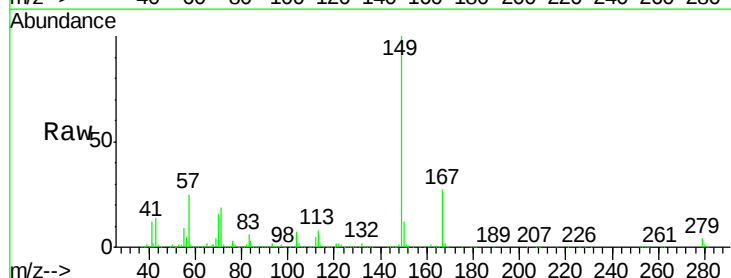
Tgt Ion:149 Resp: 1050010

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

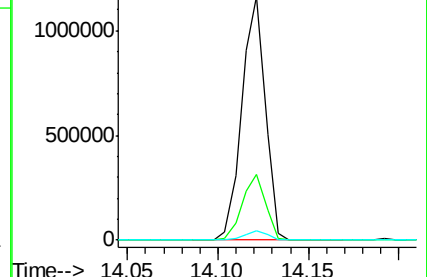
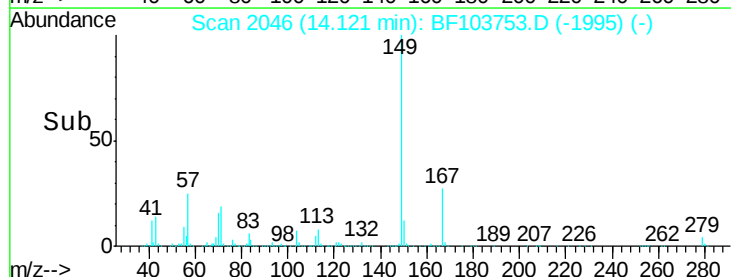
279 3.6 3.0 4.4

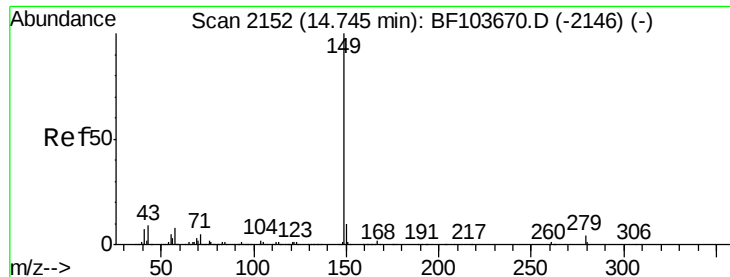


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

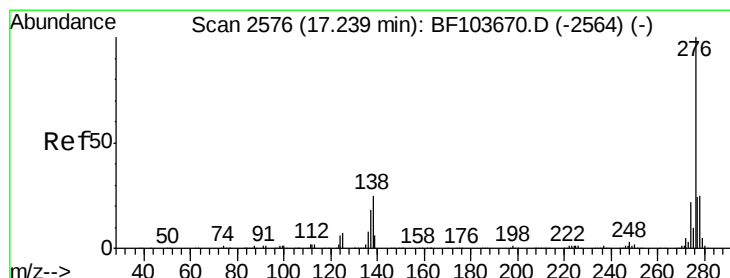
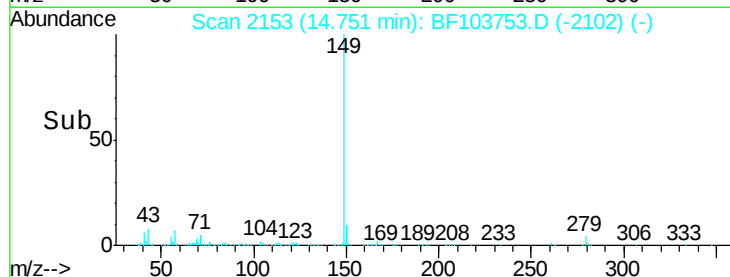
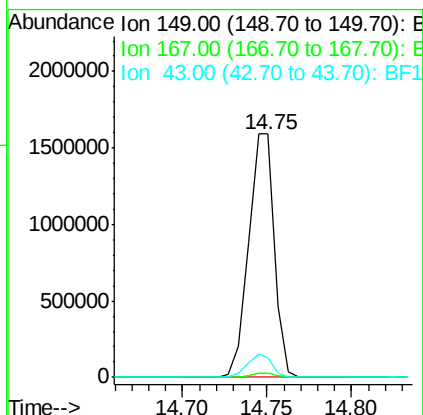
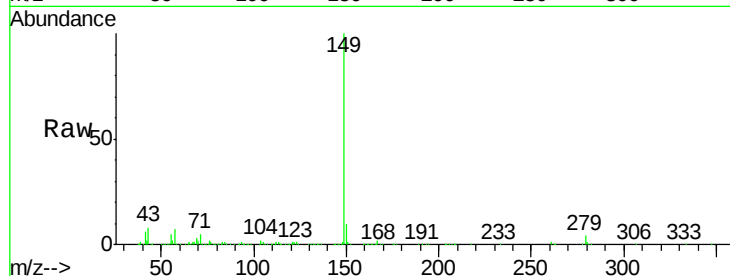




#84
Di-n-octyl phthalate
Concen: 54.576 ng
RT: 14.75 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

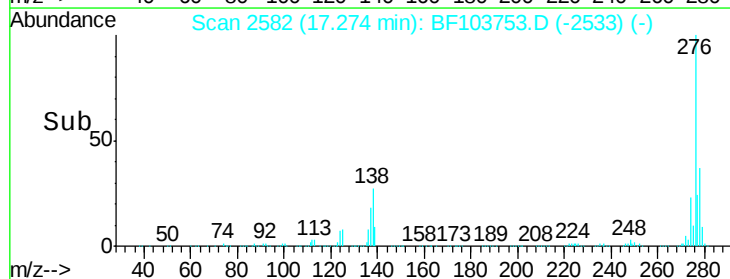
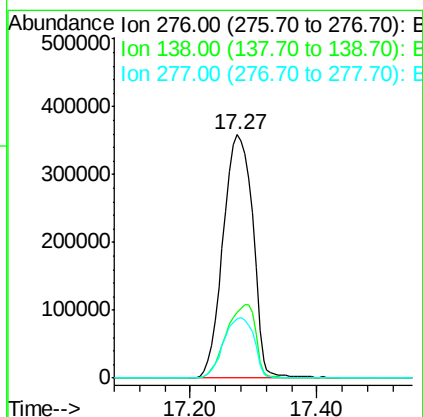
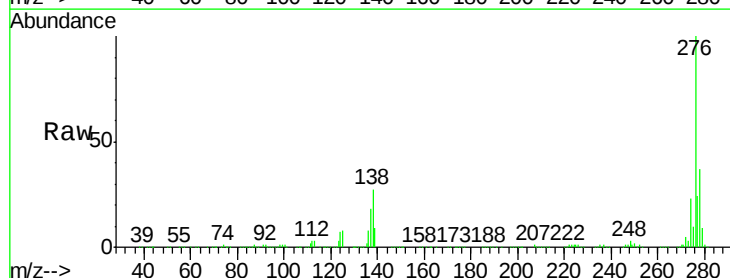
Instrument :
BNA_F
ClientSampleId :

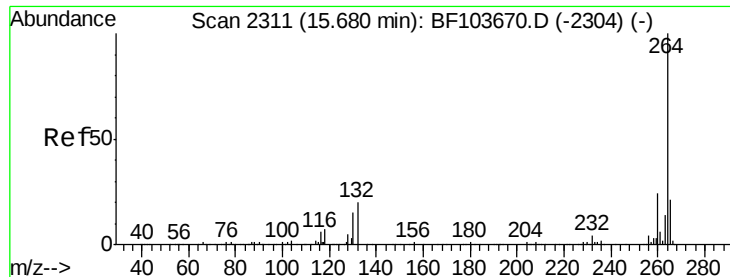
Tot Ion:149 Resp: 1696936
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 47.985 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:276 Resp: 1162634
Ion Ratio Lower Upper
276 100
138 30.0 25.0 37.6
277 25.4 20.1 30.1



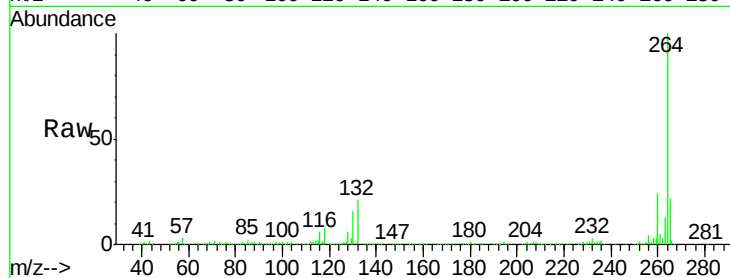


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

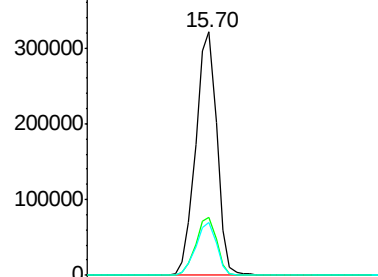
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 411242

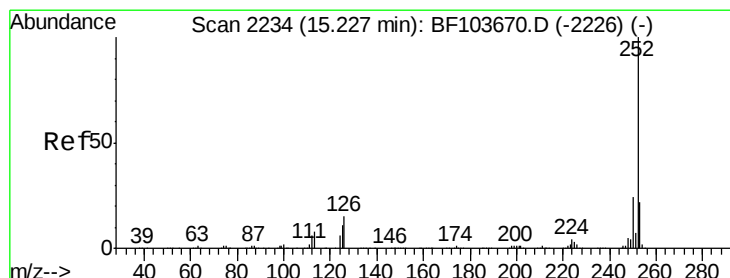
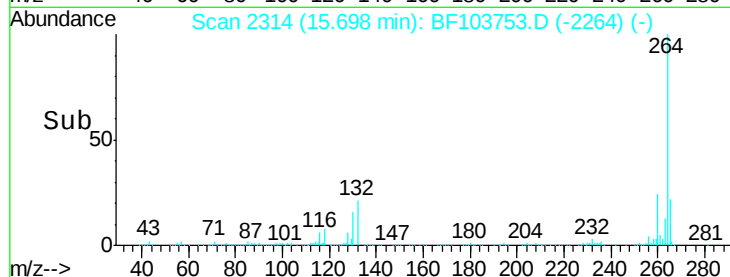
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.5	26.3



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



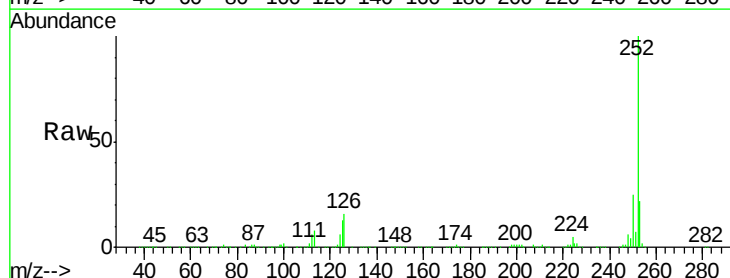
Time--> 15.60 15.70 15.80



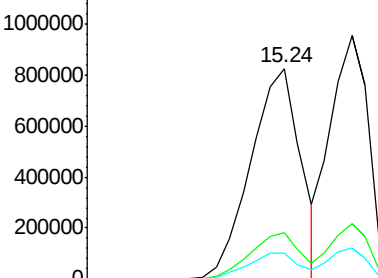
#87
Benzo(b)fluoranthene
Concen: 47.751 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:252 Resp: 1240634

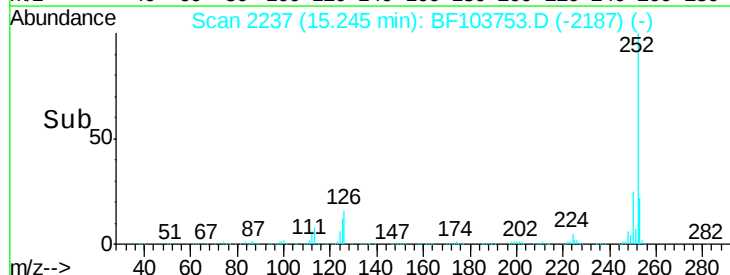
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.5	9.0	13.6

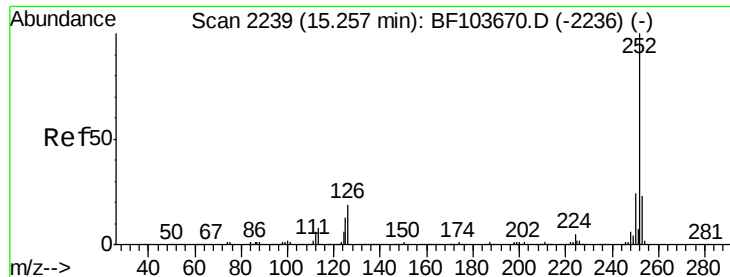


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 15.20 15.25

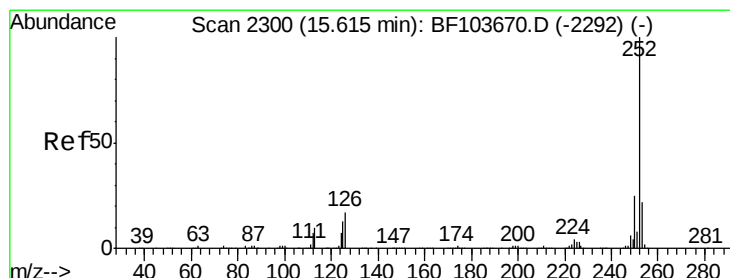
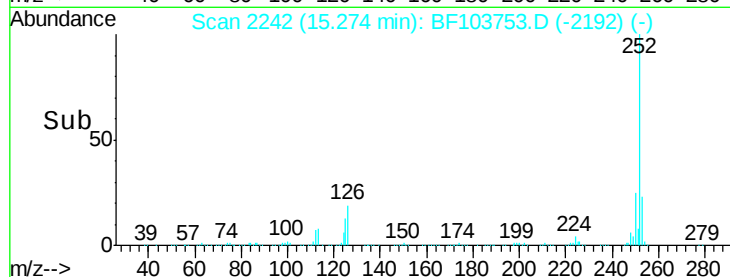
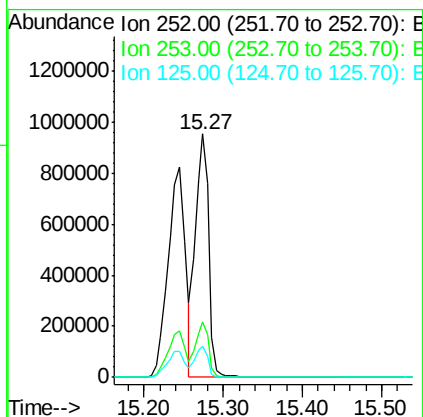
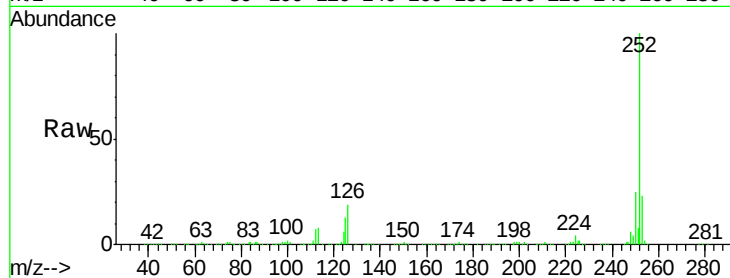




#88
Benzo(k)fluoranthene
Concen: 45.054 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

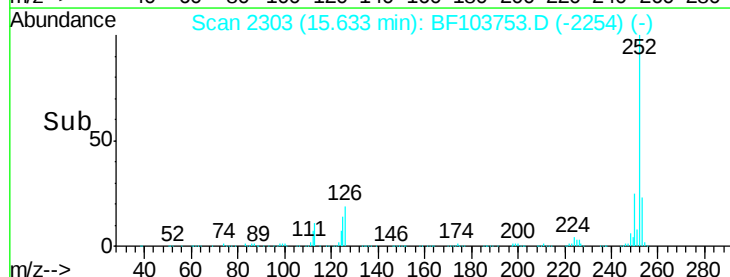
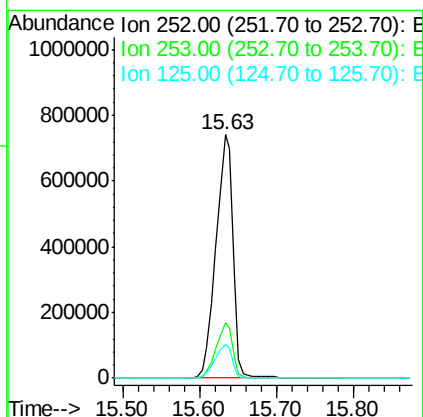
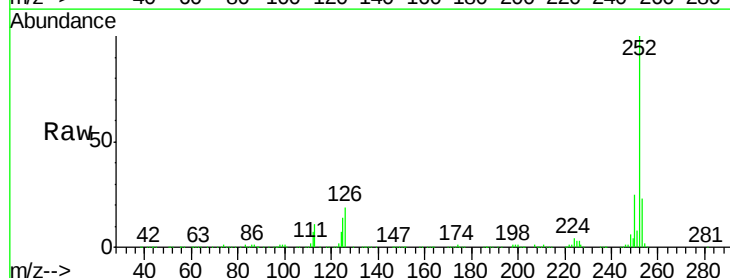
Instrument :
BNA_F
ClientSampleId :

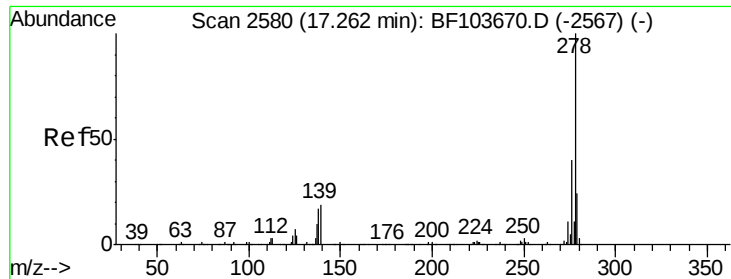
Tot Ion:252 Resp: 1125223
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 47.402 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BF103753.D
Acq: 19 Mar 2018 13:30

Tgt Ion:252 Resp: 1117031
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 14.1 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 46.532 ng

RT: 17.30 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

Instrument :

BNA_F

ClientSampleId :

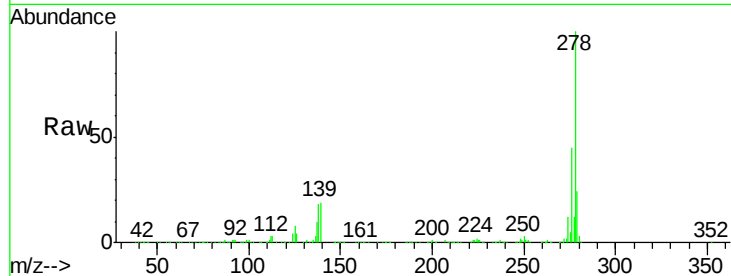
Tot Ion:278 Resp: 949483

Ion Ratio Lower Upper

278 100

139 19.1 15.9 23.9

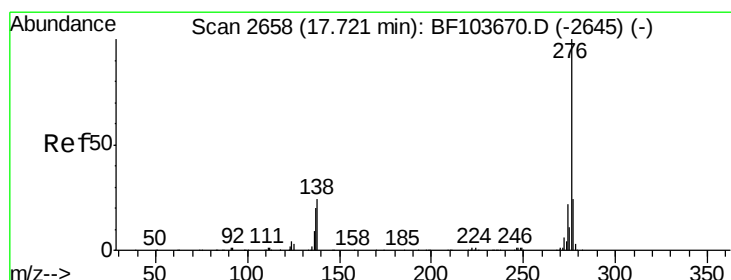
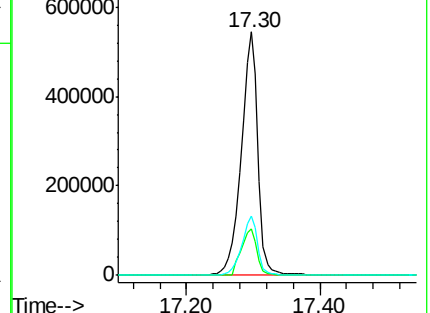
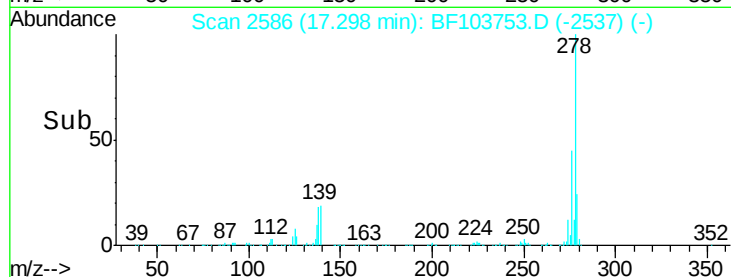
279 24.1 19.0 28.4



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: 49.033 ng

RT: 17.76 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BF103753.D

Acq: 19 Mar 2018 13:30

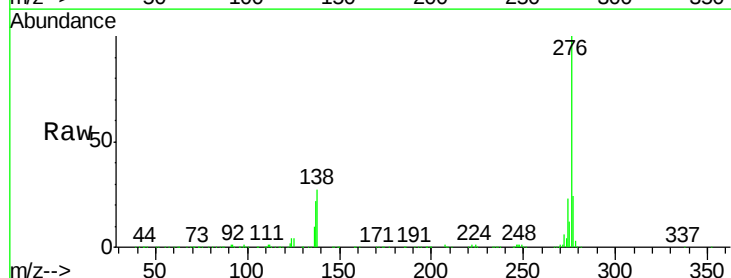
Tgt Ion:276 Resp: 973354

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 26.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

