

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102753.D
 Acq On : 5 Feb 2018 23:03
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:44:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	189698	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	781454	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	340491	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	518776	20.00	ng	0.00
75) Chrysene-d12	14.04	240	315952	20.00	ng	0.00
86) Perylene-d12	15.52	264	297731	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	946683	75.79	ng	0.00
7) Phenol-d6	6.50	99	1110096	73.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	971279	86.22	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	215852	78.76	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1615648	78.74	ng	0.00
78) Terphenyl-d14	12.99	244	1047795	78.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	230966	37.436	ng	# 83
3) Pyridine	3.43	79	665630	39.050	ng	# 85
4) n-Nitrosodimethylamine	3.38	42	266536	36.546	ng	96
6) Aniline	6.55	93	817294	36.797	ng	96
8) 2-Chlorophenol	6.67	128	496595	38.616	ng	99
9) Benzaldehyde	6.43	77	406844	36.425	ng	97
10) Phenol	6.52	94	602012	37.350	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	492258	36.702	ng	89
12) 1,3-Dichlorobenzene	6.82	146	561219	37.687	ng	97
13) 1,4-Dichlorobenzene	6.90	146	561004	37.818	ng	99
14) 1,2-Dichlorobenzene	7.06	146	517061	37.422	ng	96
15) Benzyl Alcohol	7.02	79	435519	37.664	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	914164	35.880	ng	96
17) 2-Methylphenol	7.13	107	442203	37.279	ng	99
18) Hexachloroethane	7.40	117	171805	33.774	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	352990	35.597	ng	95
20) 3+4-Methylphenols	7.28	107	542059	37.057	ng	95
22) Acetophenone	7.29	105	686672	35.908	ng	# 96
24) Nitrobenzene	7.47	77	540660	40.796	ng	95
25) Isophorone	7.70	82	933858	36.002	ng	100
26) 2-Nitrophenol	7.78	139	248542	46.079	ng	99
27) 2,4-Dimethylphenol	7.81	122	419527	38.282	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	563284	36.658	ng	100
29) 2,4-Dichlorophenol	8.02	162	393732	39.522	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	427670	37.947	ng	99
31) Naphthalene	8.19	128	1416313	37.096	ng	99
32) Benzoic acid	7.92	122	347477	45.761	ng	98
33) 4-Chloroaniline	8.23	127	613484	37.299	ng	98
34) Hexachlorobutadiene	8.30	225	218186	37.781	ng	99
35) Caprolactam	8.61	113	133029	38.450	ng	# 75
36) 4-Chloro-3-methylphenol	8.71	107	428043	38.241	ng	97
37) 2-Methylnaphthalene	8.88	142	914699	36.592	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	371817	40.105	ng	98
40) Hexachlorocyclopentadiene	9.03	237	48887	11.092	ng	97

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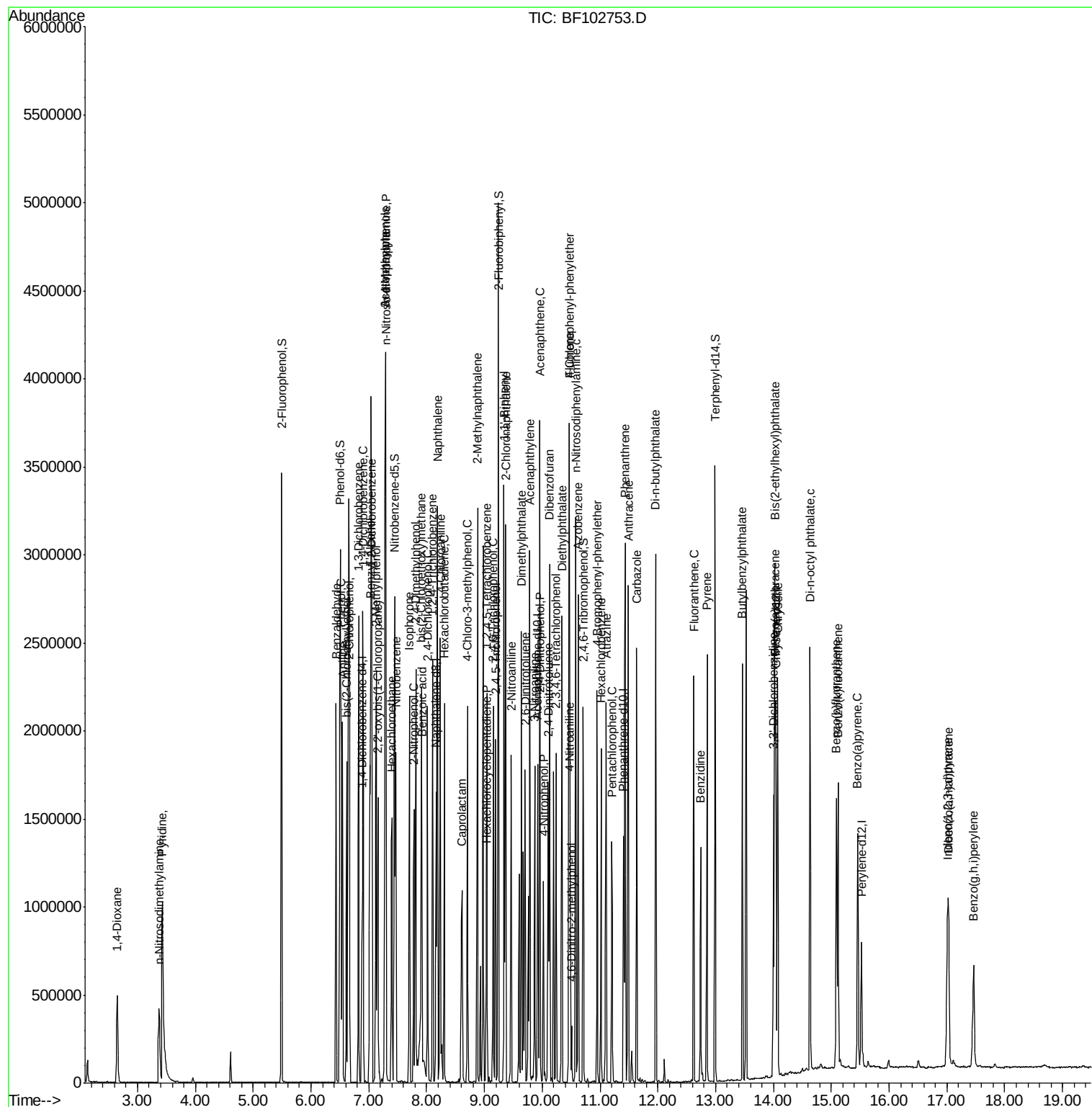
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	256980	42.201	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	283062	41.242	ng	96
45) 1,1'-Biphenyl	9.35	154	1087134	37.907	ng	99
46) 2-Chloronaphthalene	9.37	162	862425	38.198	ng	99
47) 2-Nitroaniline	9.46	65	309070	44.625	ng	96
48) Acenaphthylene	9.79	152	1315204	37.505	ng	99
49) Dimethylphthalate	9.64	163	1036501	39.041	ng	99
50) 2,6-Dinitrotoluene	9.70	165	217600	43.081	ng	96
51) Acenaphthene	9.96	154	764567	36.458	ng	99
52) 3-Nitroaniline	9.87	138	272501	43.846	ng	94
53) 2,4-Dinitrophenol	9.97	184	13157	20.556	ng	# 82
54) Dibenzofuran	10.13	168	1098529	37.170	ng	98
55) 4-Nitrophenol	10.02	139	170266	35.685	ng	93
56) 2,4-Dinitrotoluene	10.10	165	275348	41.118	ng	97
57) Fluorene	10.47	166	802643	37.327	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	184225	38.728	ng	99
59) Diethylphthalate	10.34	149	1007885	38.448	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	371428	39.047	ng	97
61) 4-Nitroaniline	10.49	138	243837	41.219	ng	90
62) Azobenzene	10.62	77	938315	35.829	ng	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	31788	21.856	ng	95
65) n-Nitrosodiphenylamine	10.58	169	772104	42.194	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	234120	42.663	ng	92
67) Hexachlorobenzene	11.02	284	239222	39.515	ng	97
68) Atrazine	11.10	200	224491	41.585	ng	98
69) Pentachlorophenol	11.20	266	130227	36.645	ng	99
70) Phenanthrene	11.43	178	1089252	37.700	ng	99
71) Anthracene	11.49	178	1094941	37.260	ng	99
72) Carbazole	11.64	167	1030075	35.780	ng	100
73) Di-n-butylphthalate	11.96	149	1460109	41.751	ng	99
74) Fluoranthene	12.62	202	922368	31.730	ng	98
76) Benzidine	12.74	184	484268	33.349	ng	98
77) Pyrene	12.85	202	930098	37.541	ng	100
79) Butylbenzylphthalate	13.46	149	506983	42.891	ng	99
80) Benzo(a)anthracene	14.03	228	757985	38.146	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	306957	41.664	ng	98
82) Chrysene	14.07	228	754207	37.653	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	712891	46.971	ng	99
84) Di-n-octyl phthalate	14.63	149	1085121	47.616	ng	98
85) Indeno(1,2,3-cd)pyrene	17.01	276	615443	37.046	ng	99
87) Benzo(b)fluoranthene	15.09	252	760239	39.385	ng	97
88) Benzo(k)fluoranthene	15.12	252	683598	37.064	ng	98
89) Benzo(a)pyrene	15.46	252	661421	38.067	ng	97
90) Dibenzo(a,h)anthracene	17.03	278	522590	37.056	ng	98
91) Benzo(g,h,i)perylene	17.46	276	482473	34.952	ng	97

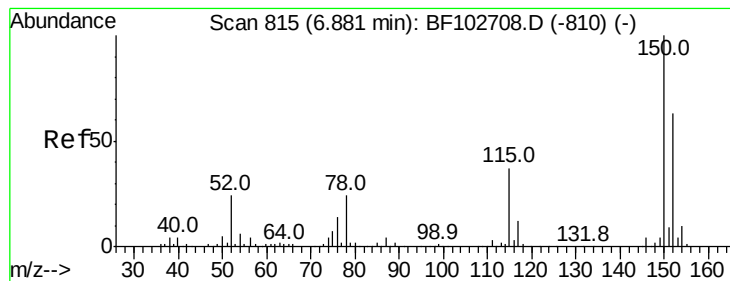
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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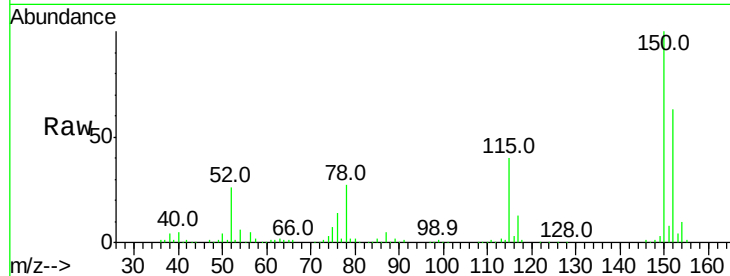


#1

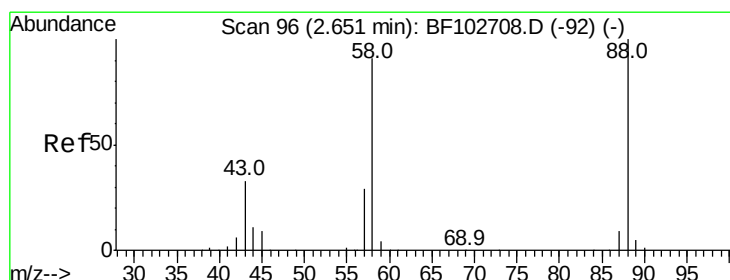
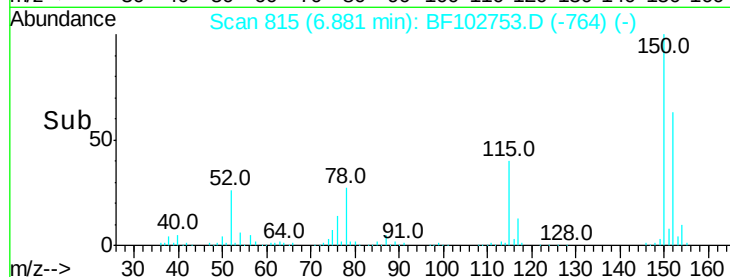
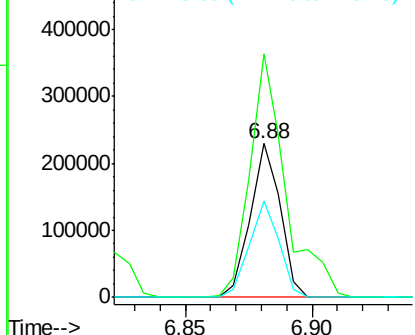
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 189698
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 62.8 50.1 75.1



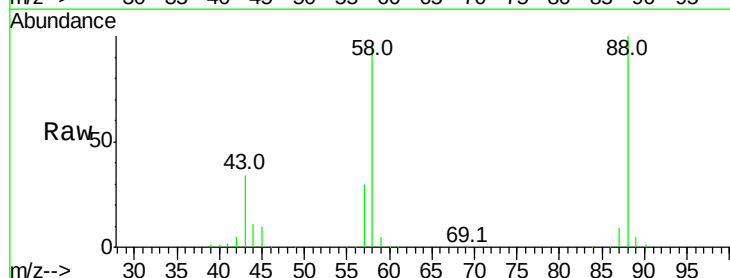
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



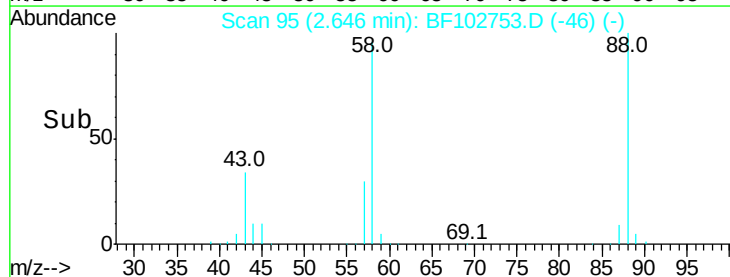
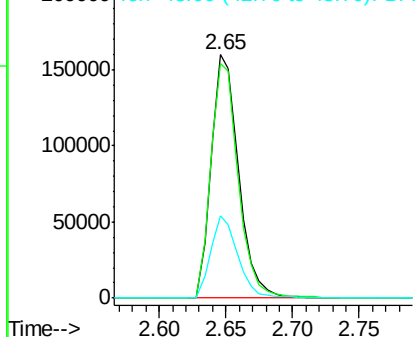
#2

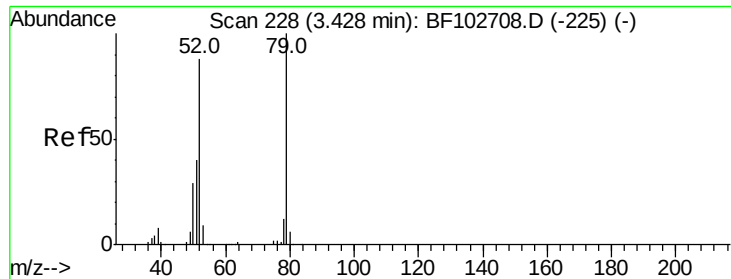
1,4-Dioxane
Concen: 37.436 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion: 88 Resp: 230966
Ion Ratio Lower Upper
88 100
58 96.5 62.6 93.8#
43 33.8 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: 39.050 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

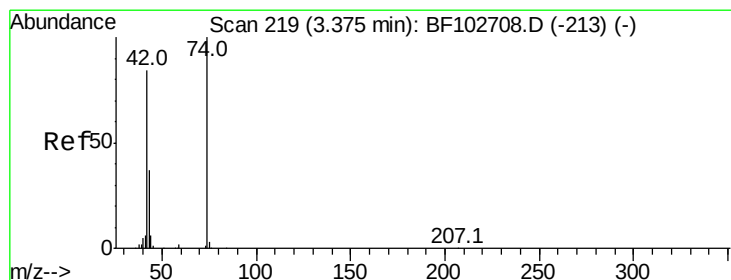
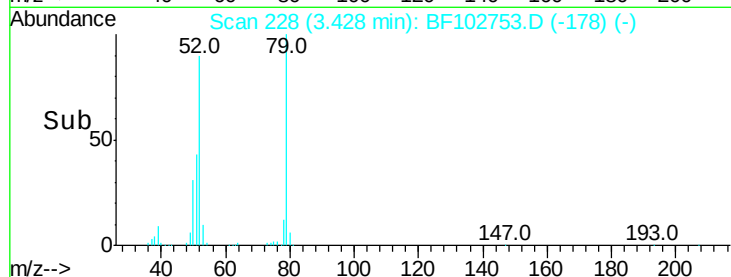
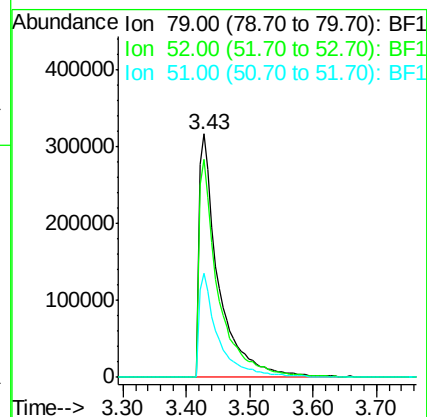
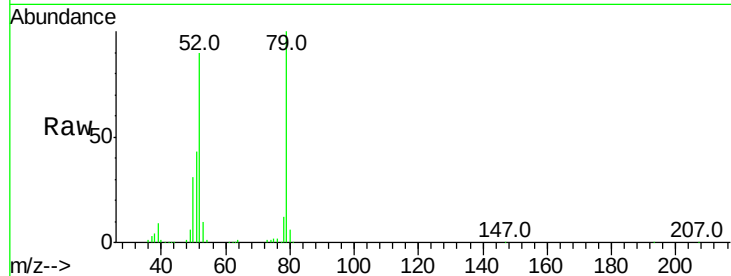
Tot Ion: 79 Resp: 665630

Ion Ratio Lower Upper

79 100

52 89.7 59.8 89.6#

51 42.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.546 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

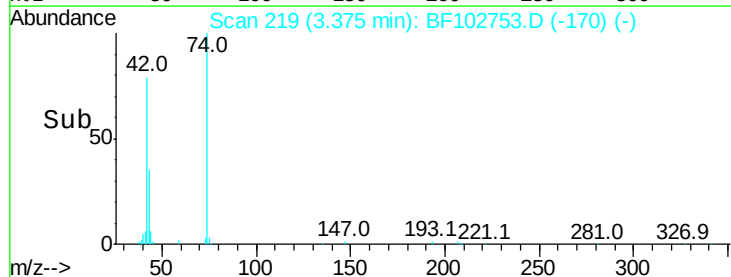
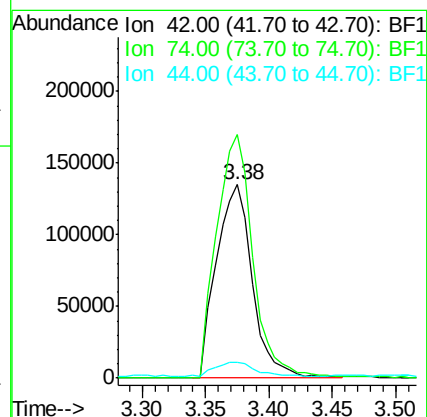
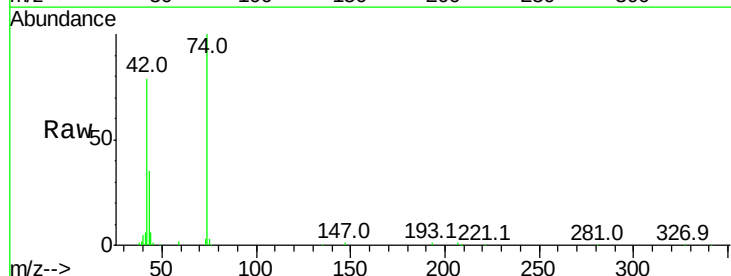
Tgt Ion: 42 Resp: 266536

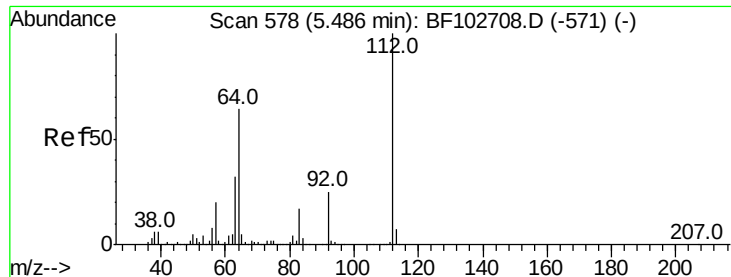
Ion Ratio Lower Upper

42 100

74 126.1 104.9 157.3

44 8.2 6.9 10.3





#5

2-Fluorophenol

Concen: 75.789 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampled :

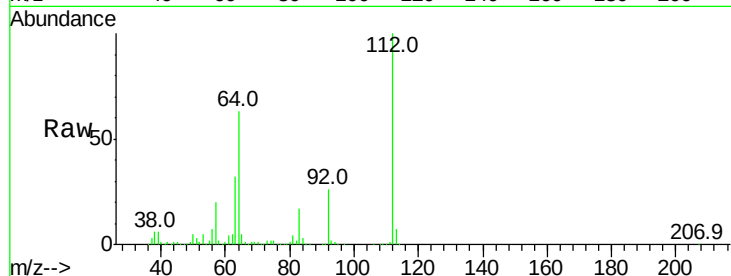
Tot Ion:112 Resp: 946683

Ion Ratio Lower Upper

112 100

64 63.4 47.9 71.9

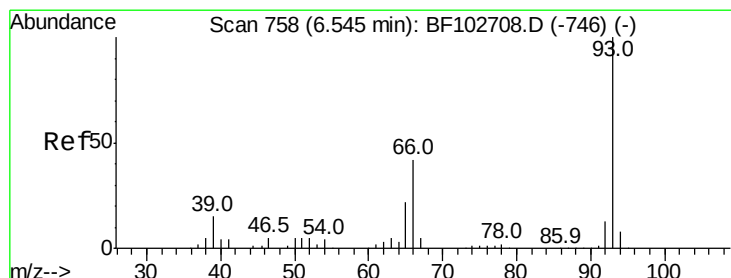
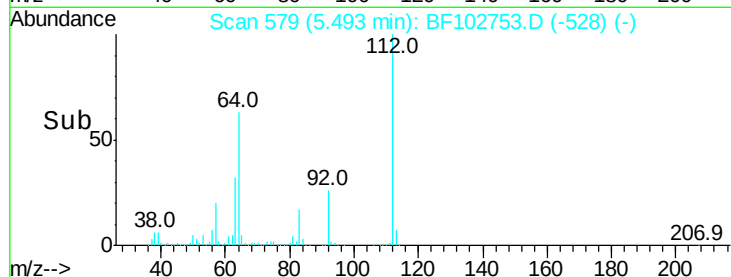
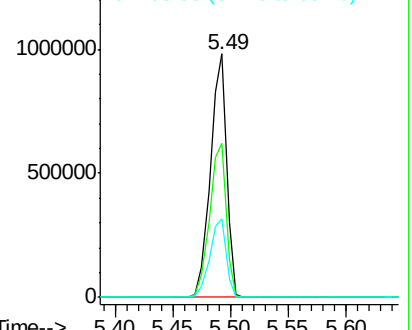
63 32.5 23.7 35.5



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: 36.797 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

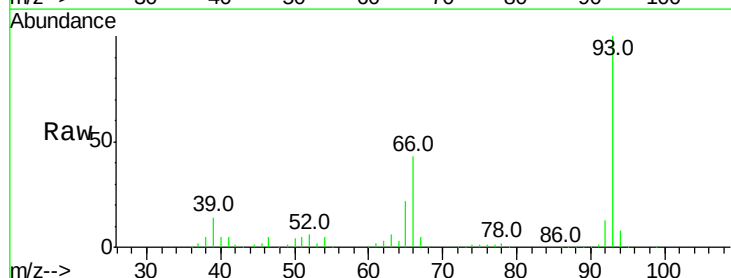
Tgt Ion: 93 Resp: 817294

Ion Ratio Lower Upper

93 100

66 43.2 32.2 48.2

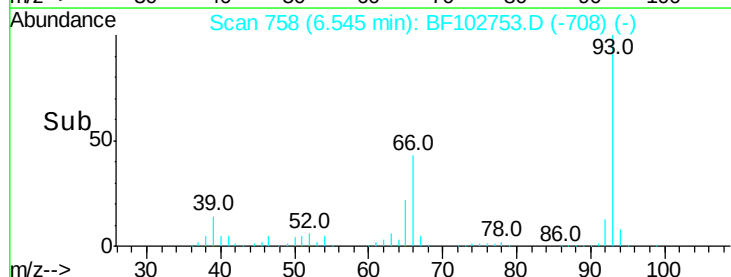
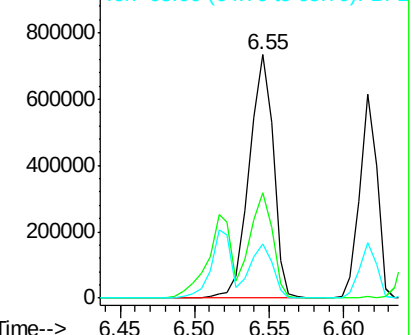
65 22.0 16.4 24.6

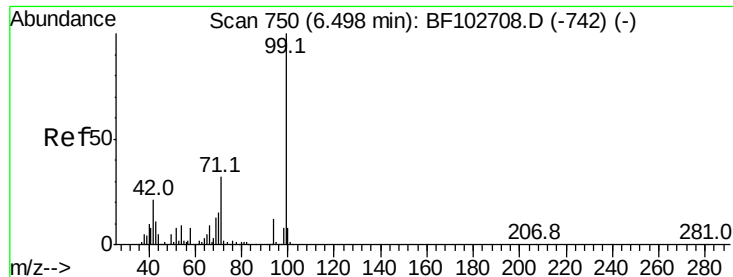


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.809 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

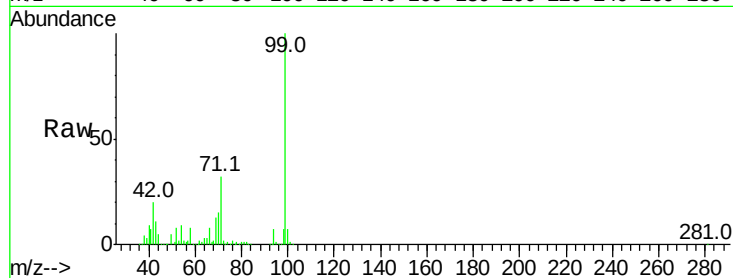
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1110096

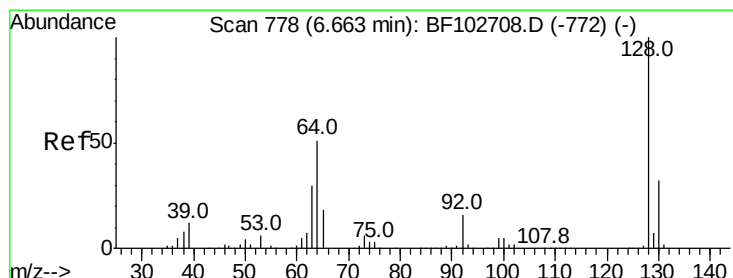
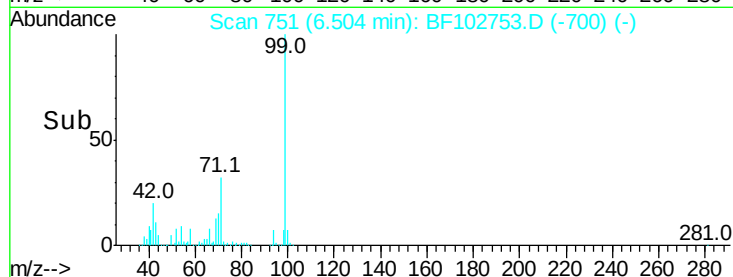
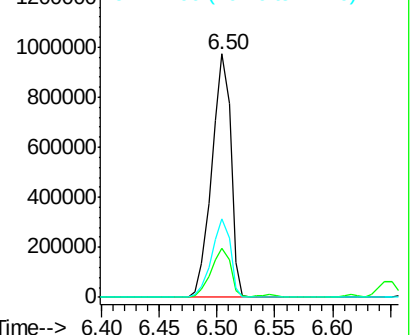
Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	32.3	25.4	38.0



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: 38.616 ng

RT: 6.67 min Scan# 779

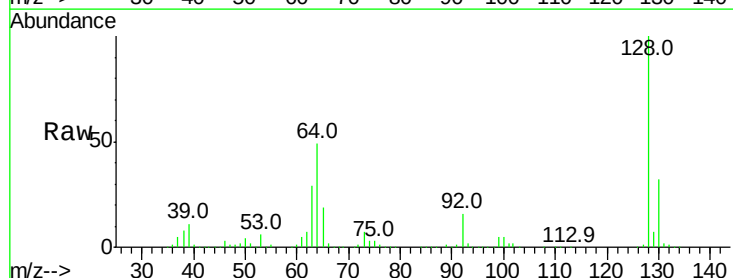
Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Tgt Ion: 128 Resp: 496595

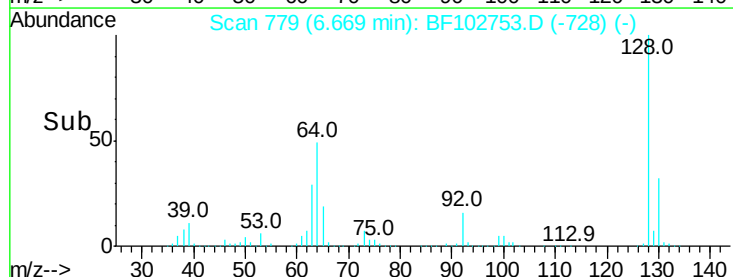
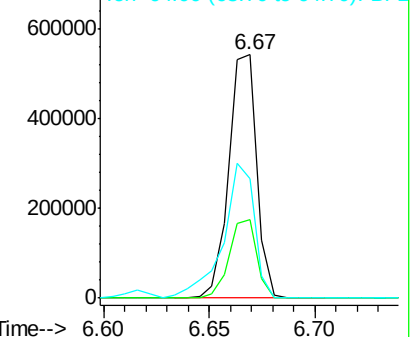
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	49.3	29.4	69.4

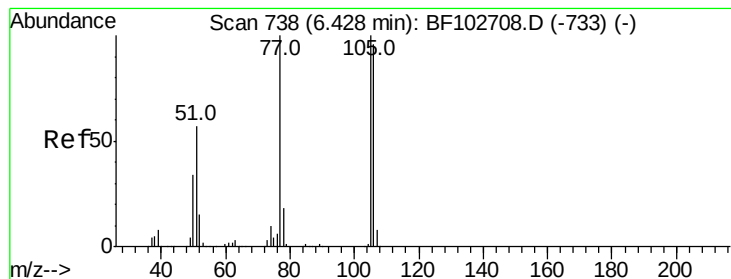


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.425 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102753.D

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Instrument :

BNA_F

ClientSampled :

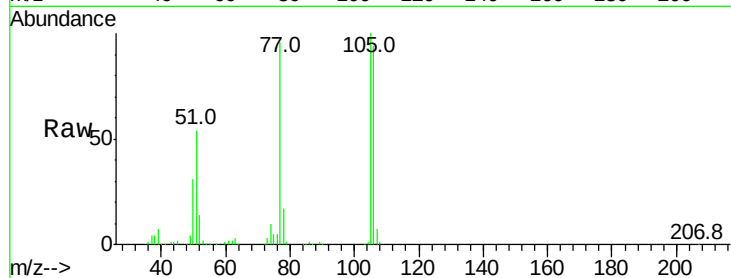
Tot Ion: 77 Resp: 406844

Ion Ratio Lower Upper

77 100

105 103.9 81.1 121.1

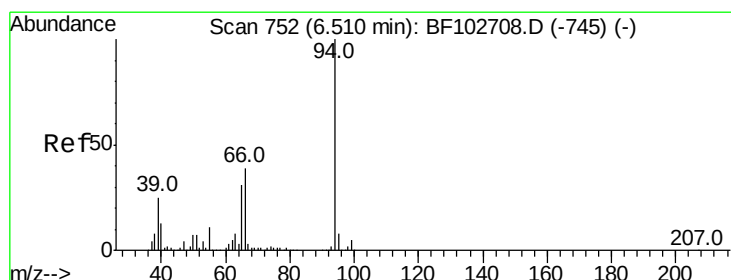
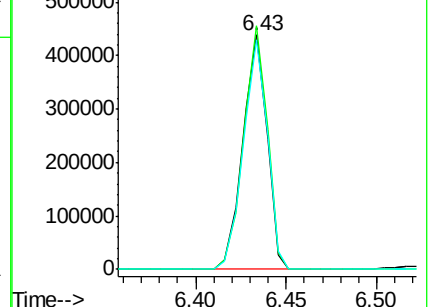
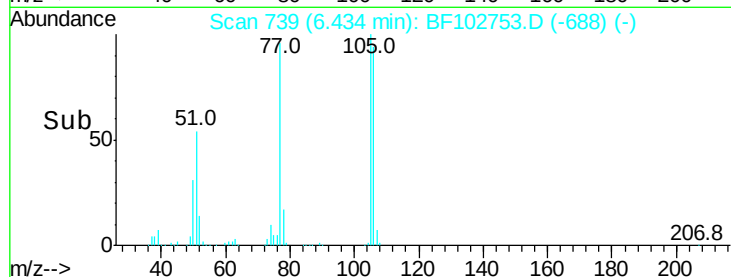
106 97.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.350 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

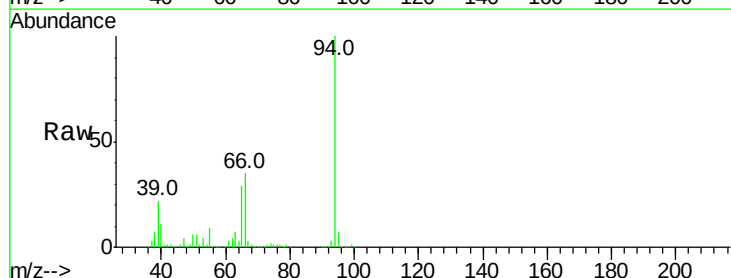
Tgt Ion: 94 Resp: 602012

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

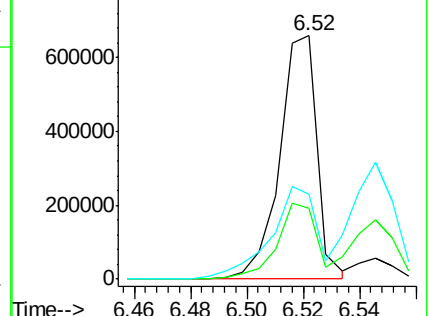
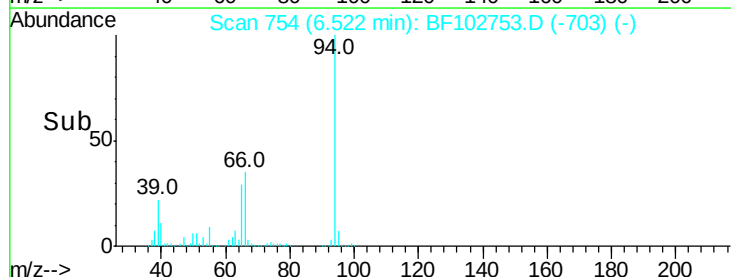
66 35.0 16.2 56.2

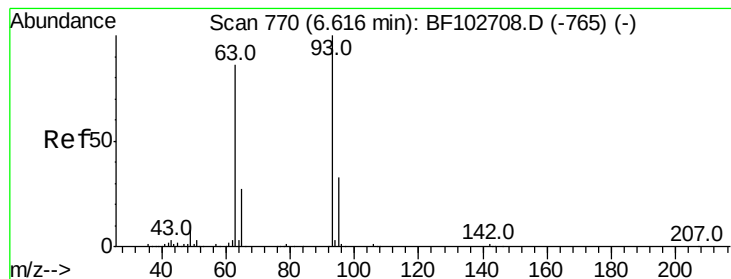


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

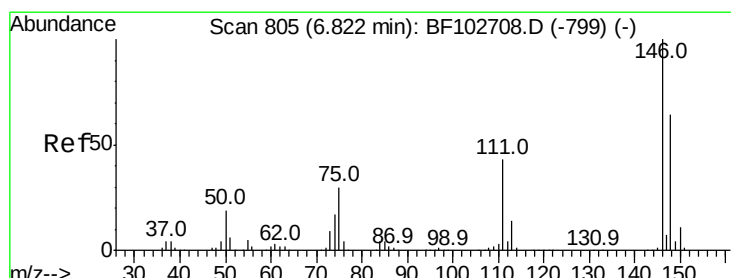
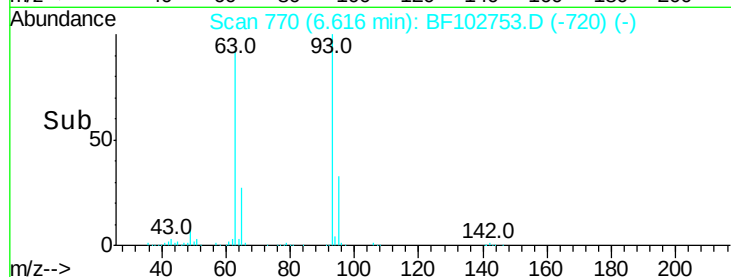
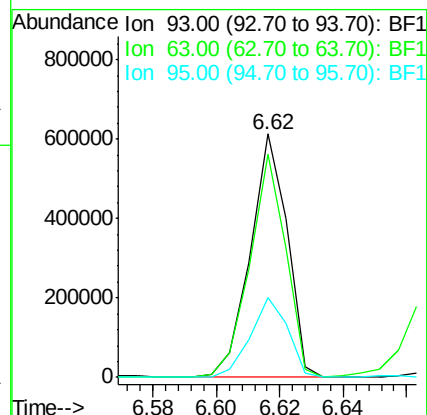
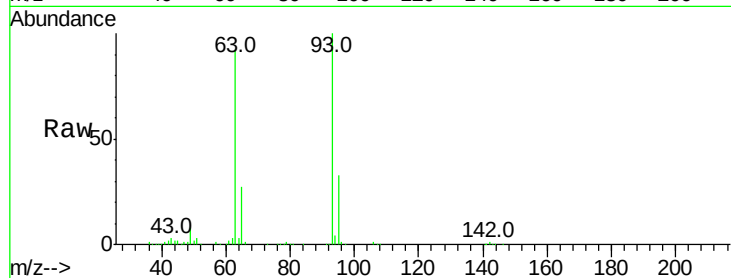




#11
bis(2-Chloroethyl)ether
Concen: 36.702 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

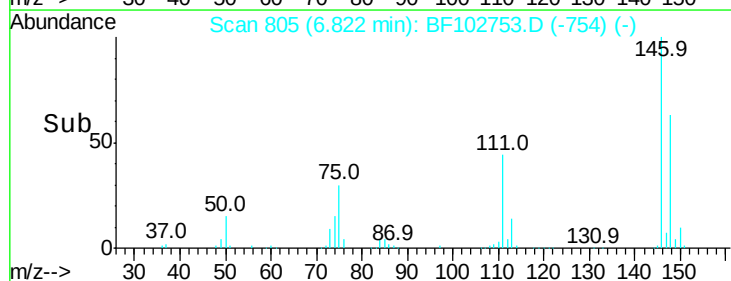
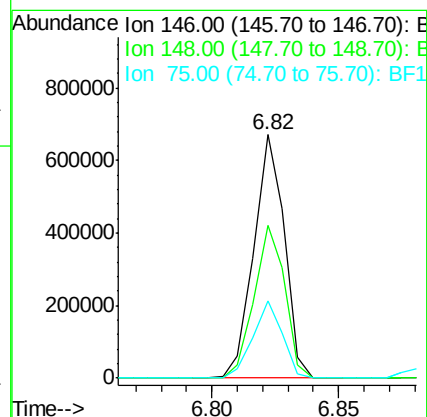
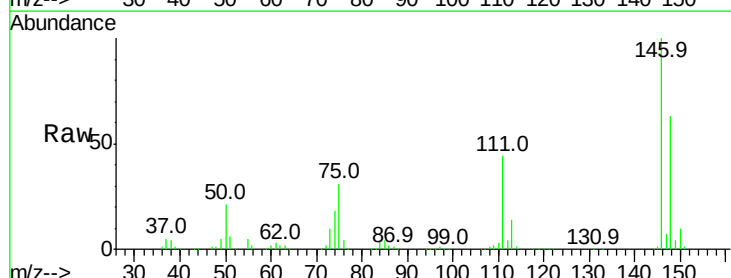
Instrument :
BNA_F
ClientSampleId :

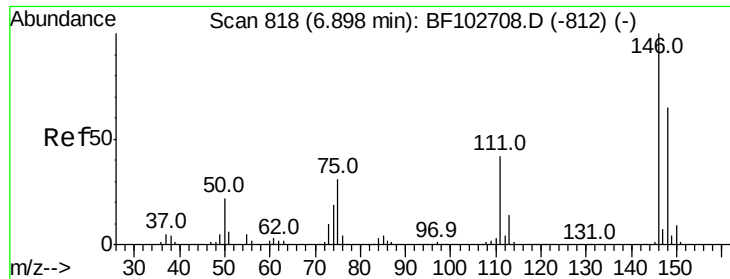
Tot Ion: 93 Resp: 492258
Ion Ratio Lower Upper
93 100
63 91.6 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.687 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion: 146 Resp: 561219
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.8
75 31.5 24.2 36.4

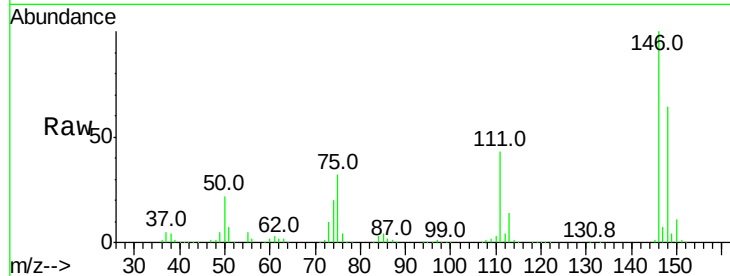




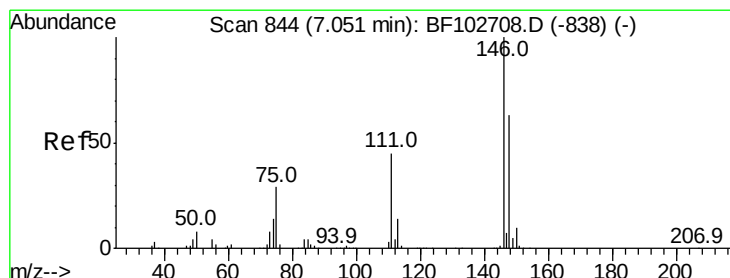
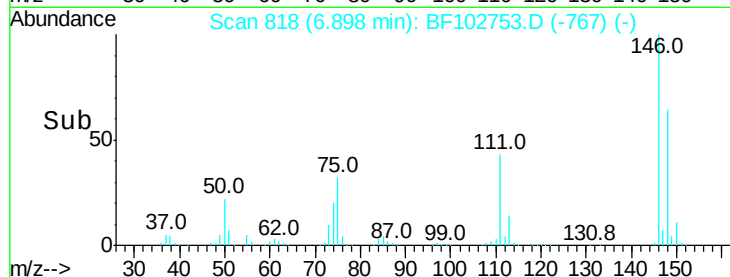
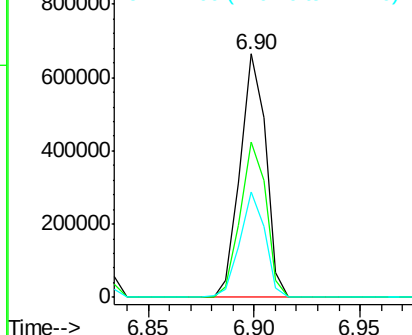
#13
 1,4-Dichlorobenzene
 Concen: 37.818 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 561004
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 43.4 34.2 51.2

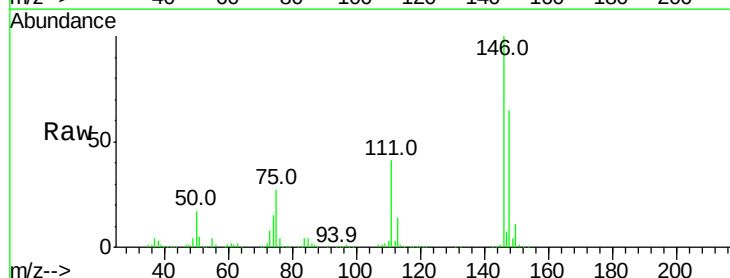


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

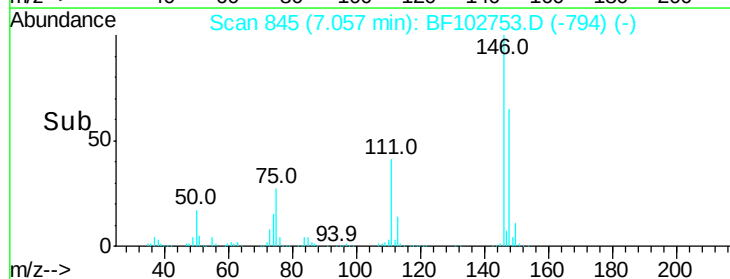
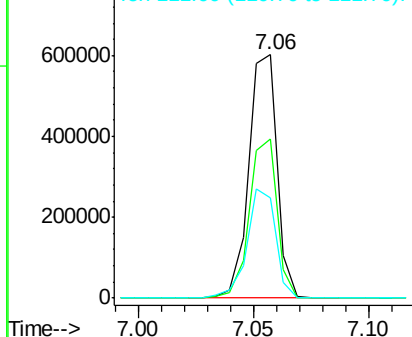


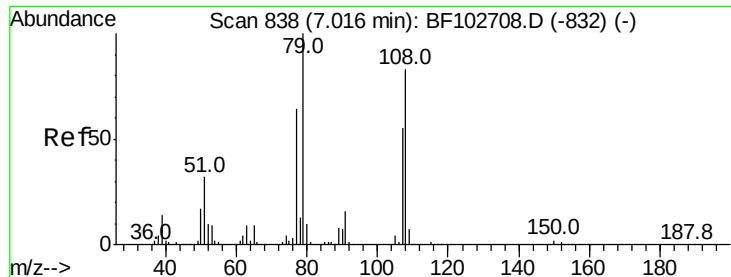
#14
 1,2-Dichlorobenzene
 Concen: 37.422 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion:146 Resp: 517061
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 75.8
 111 41.4 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 37.664 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

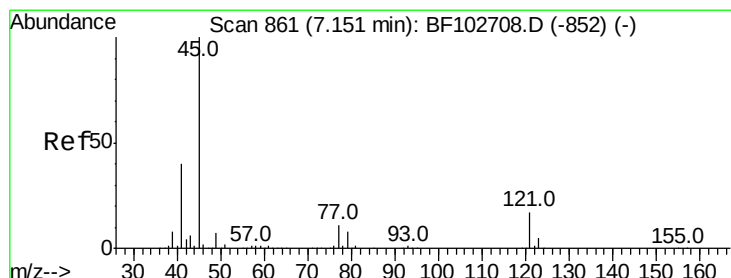
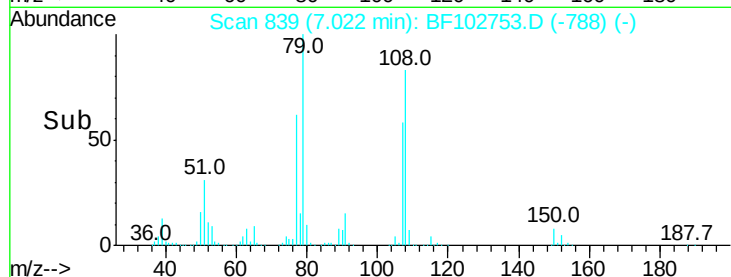
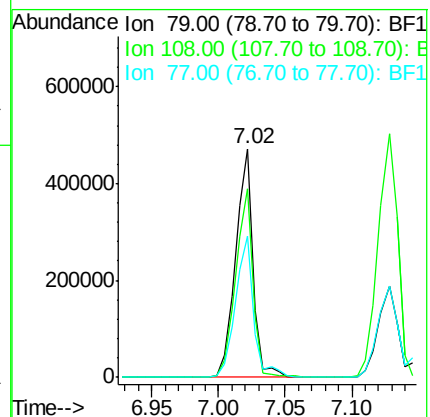
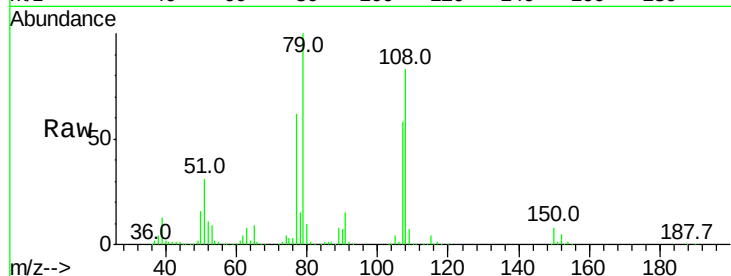
Tot Ion: 79 Resp: 435519

Ion Ratio Lower Upper

79 100

108 82.7 65.1 97.7

77 62.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.880 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

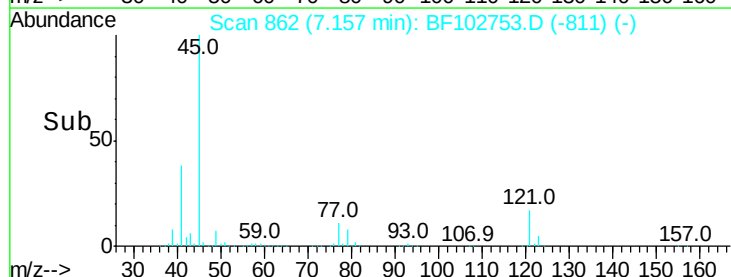
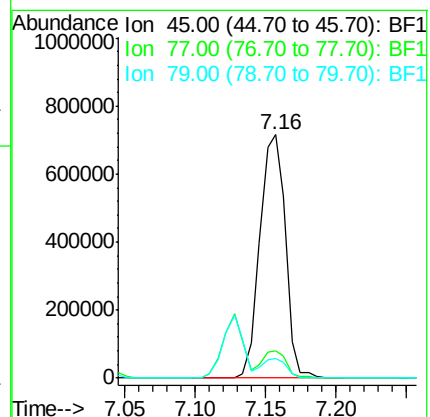
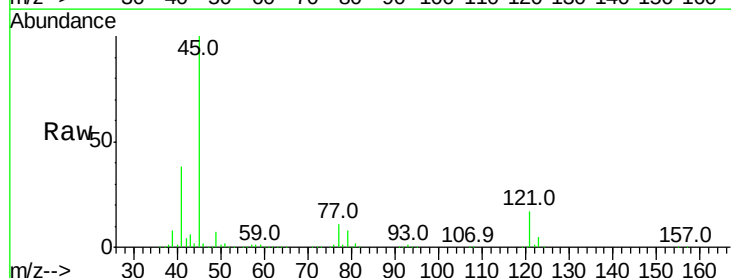
Tgt Ion: 45 Resp: 914164

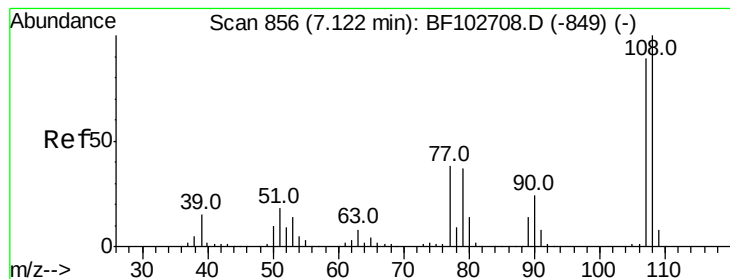
Ion Ratio Lower Upper

45 100

77 11.0 0.0 32.9

79 8.3 0.0 29.6

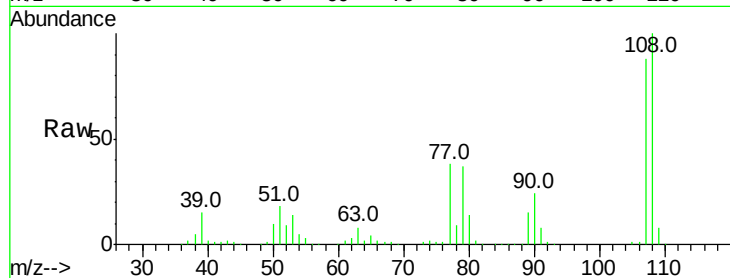




#17
2-Methylphenol
Concen: 37.279 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	42.6	33.8	50.8
79	42.2	33.8	50.8



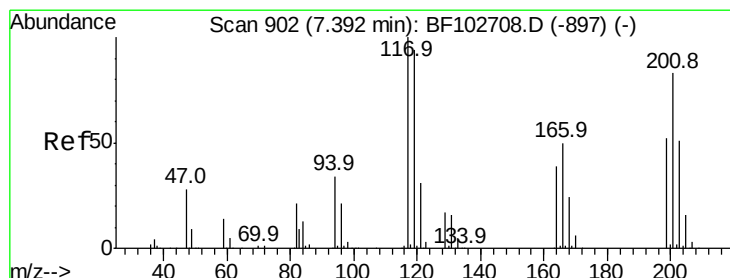
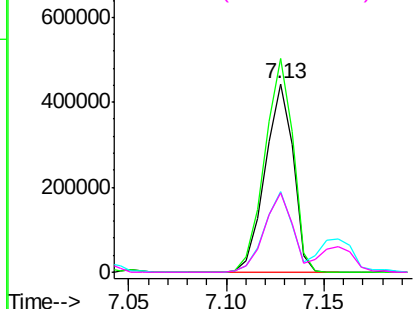
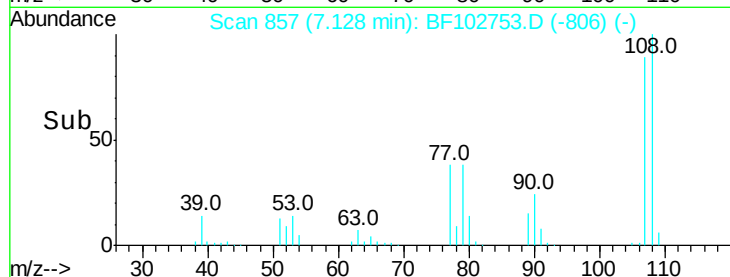
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

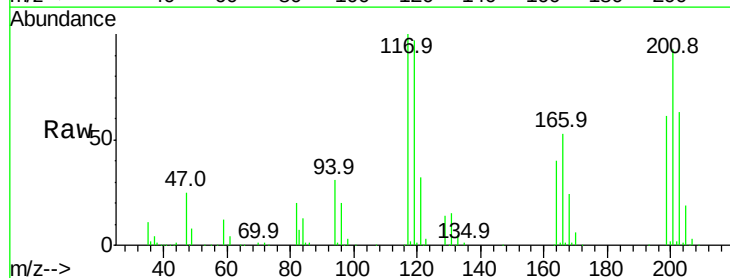
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.774 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	93.2	75.7	113.5

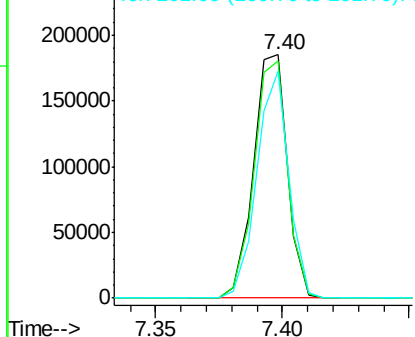
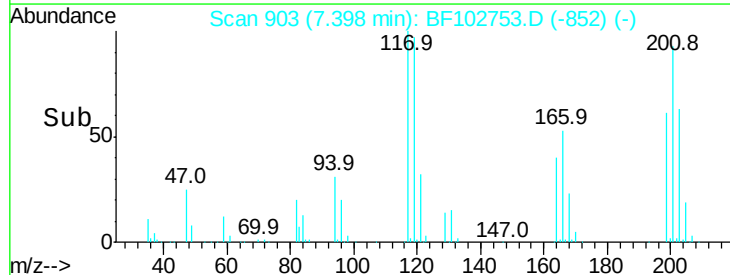


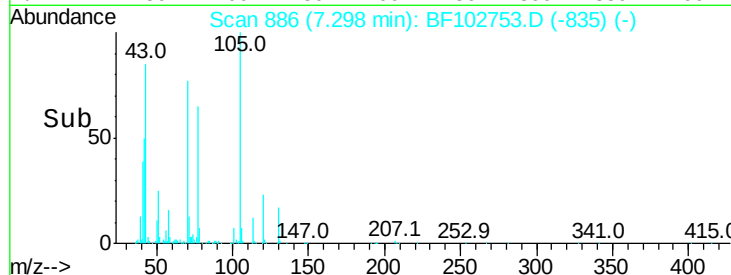
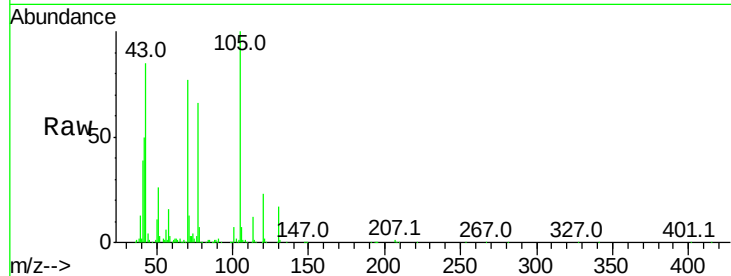
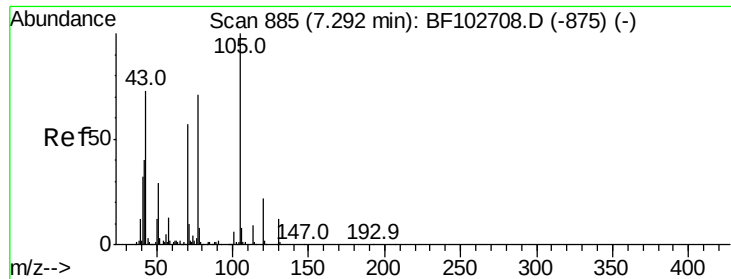
Abundance

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

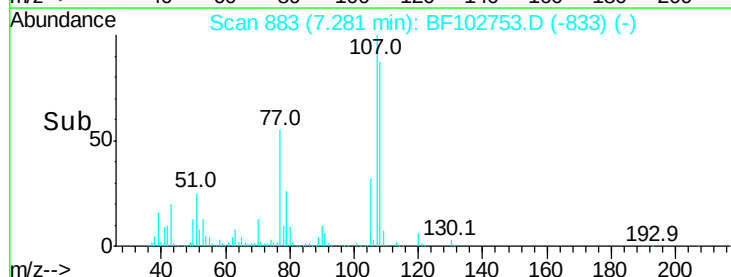
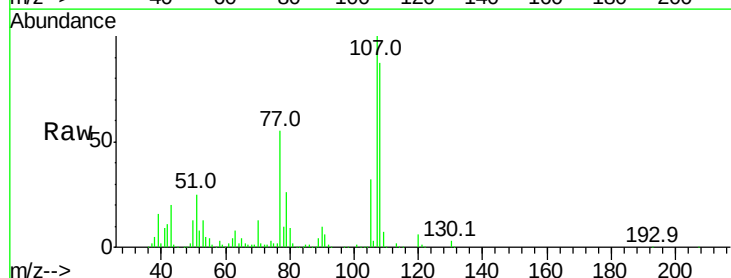
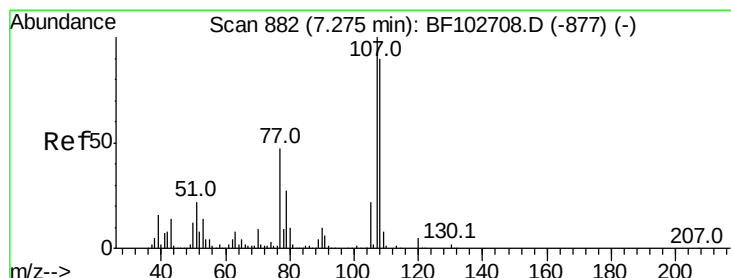
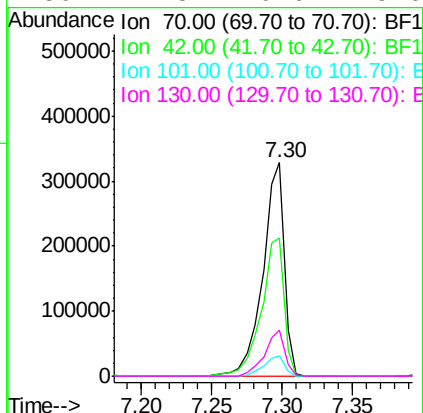




#19
n-Nitroso-di-n-propylamine
Concen: 35.597 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

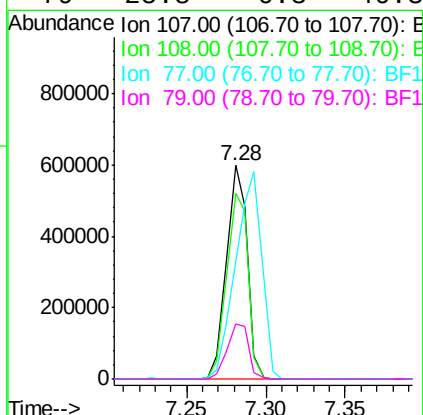
Instrument :
BNA_F
ClientSampleId :

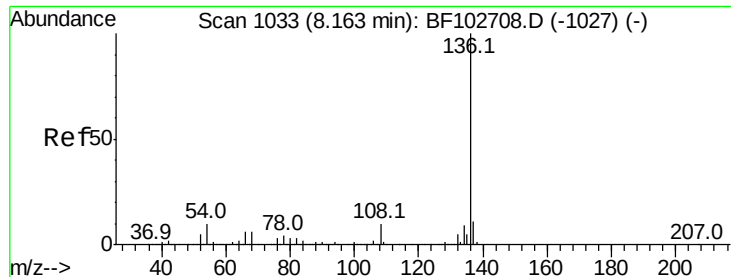
Tot Ion: 70 Resp: 352990
Ion Ratio Lower Upper
70 100
42 64.7 47.5 71.3
101 9.7 7.4 11.2
130 21.8 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.057 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion:107 Resp: 542059
Ion Ratio Lower Upper
107 100
108 86.7 68.2 108.2
77 55.1 26.7 66.7
79 25.8 6.3 46.3

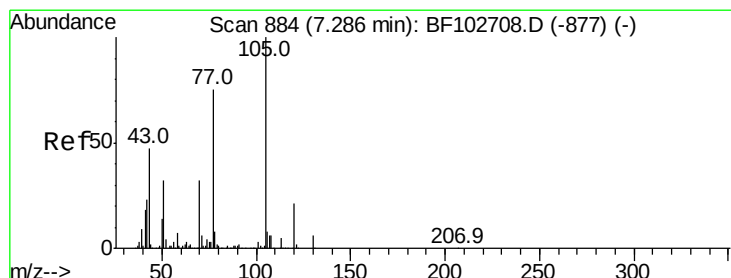
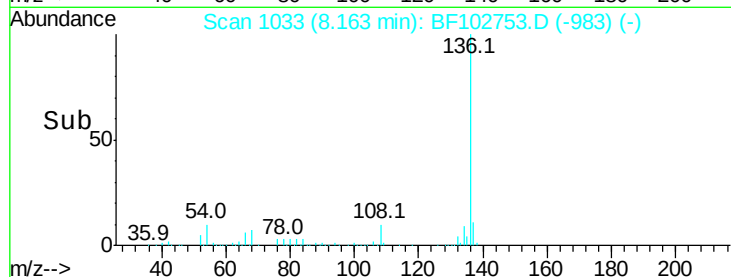
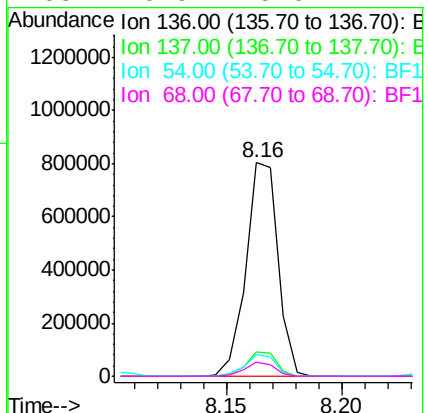
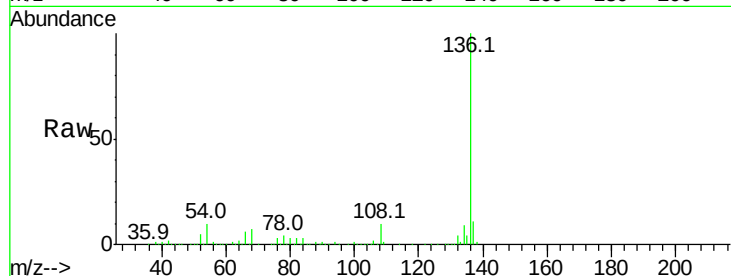




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

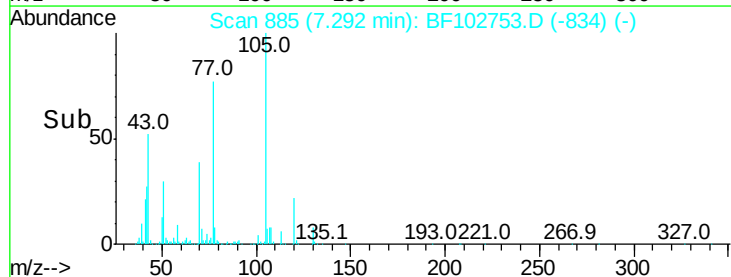
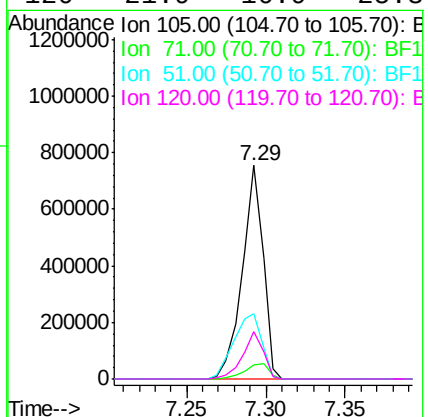
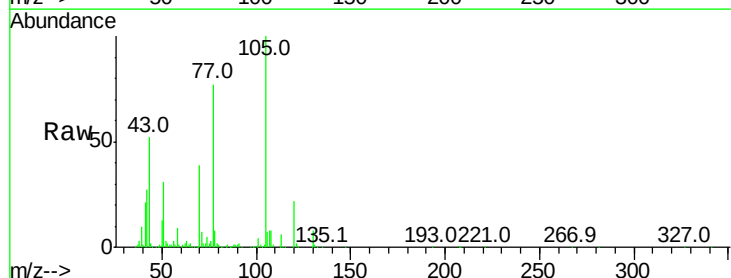
Instrument :
BNA_F
ClientSampleId :

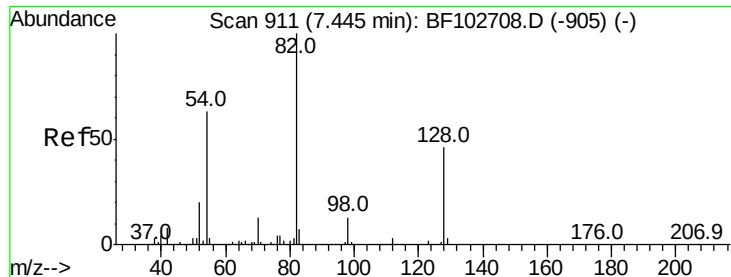
Tot Ion:136	Resp: 781454
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 10.4	6.6 9.8#
68 6.9	5.0 7.4



#22
Acetophenone
Concen: 35.908 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt	Ion:105	Resp:	686672
Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.4	6.6#
51	30.5	22.3	33.5
120	21.9	16.9	25.3

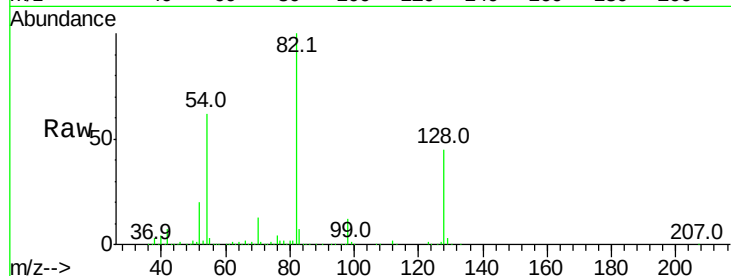




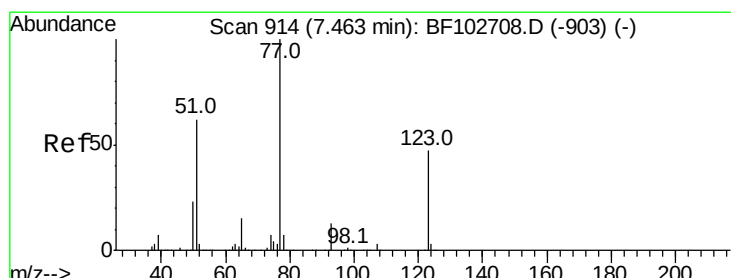
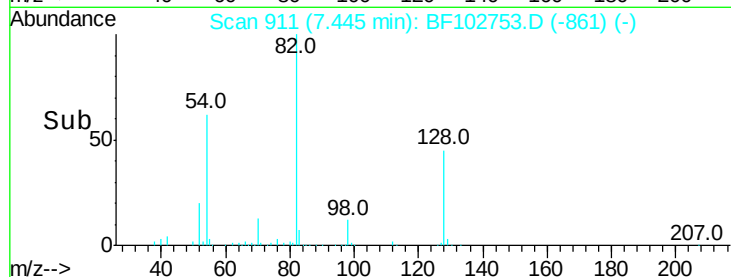
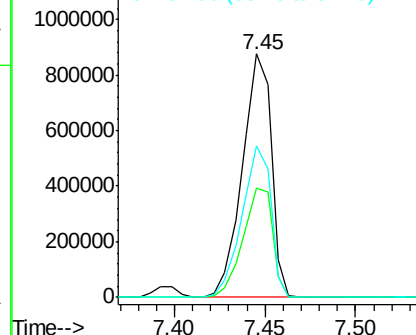
#23
Nitrobenzene-d5
Concen: 86.222 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 971279
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 62.4 41.4 62.2#

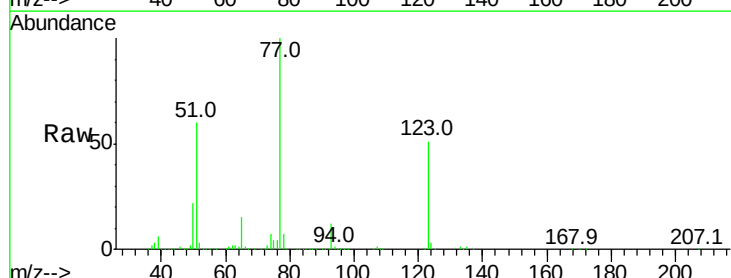


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

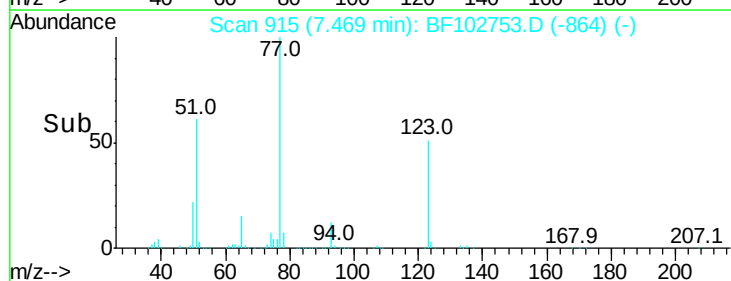
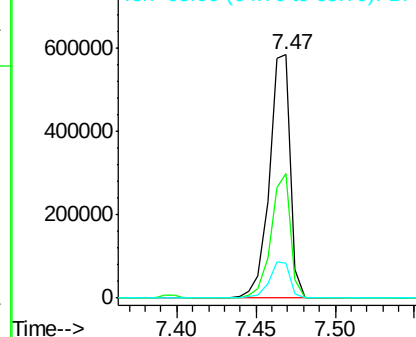


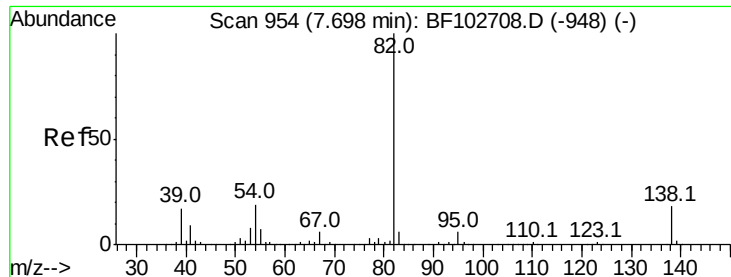
#24
Nitrobenzene
Concen: 40.796 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion: 77 Resp: 540660
Ion Ratio Lower Upper
77 100
123 51.3 37.9 56.9
65 14.6 11.0 16.4



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





#25

Isophorone

Concen: 36.002 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

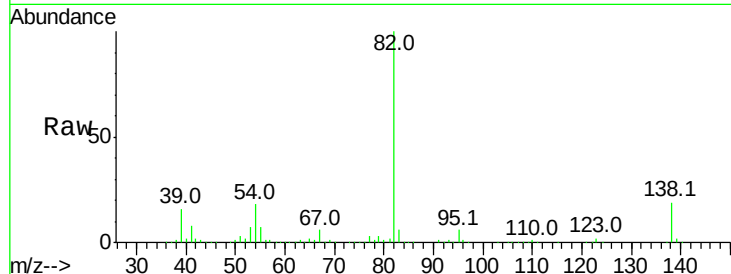
Tot Ion: 82 Resp: 933858

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

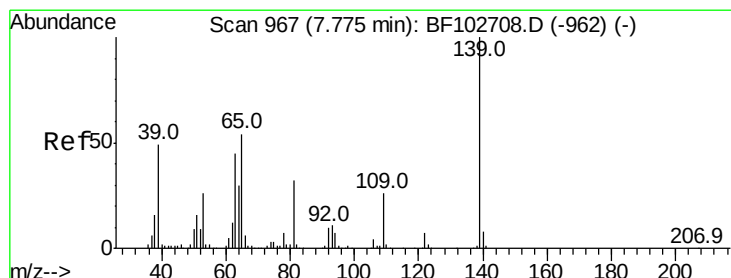
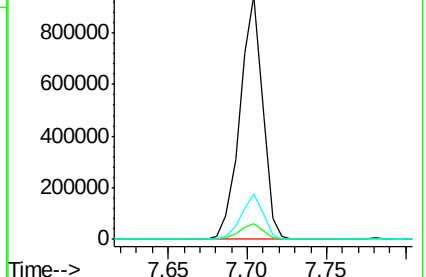
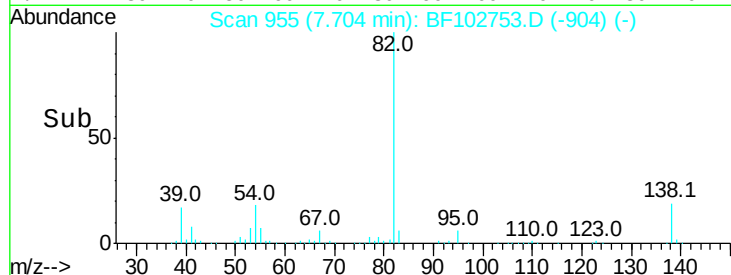
138 18.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.079 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

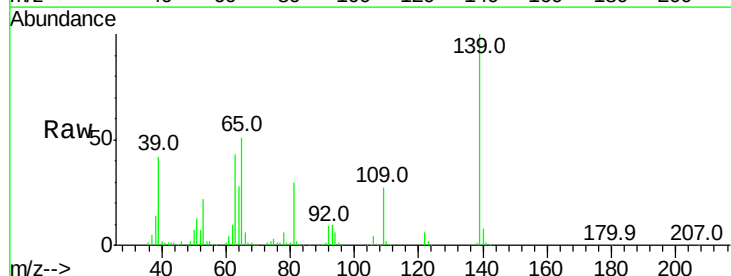
Tgt Ion: 139 Resp: 248542

Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

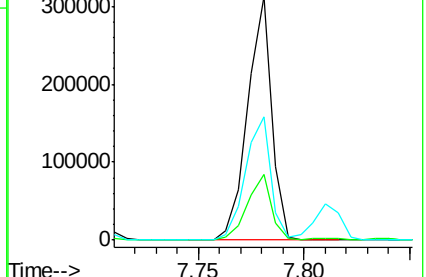
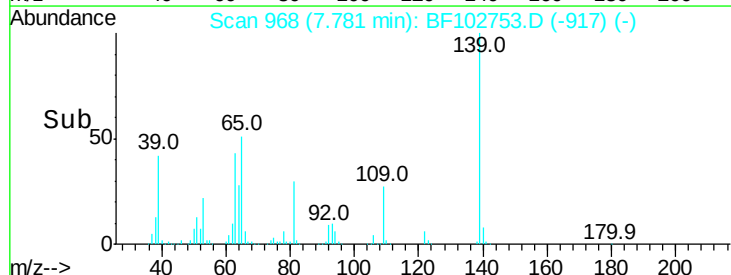
65 50.8 40.5 60.7

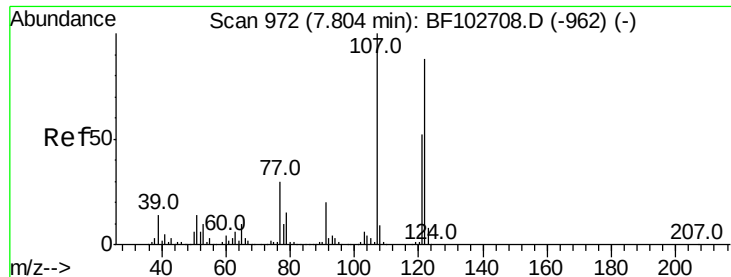


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.282 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

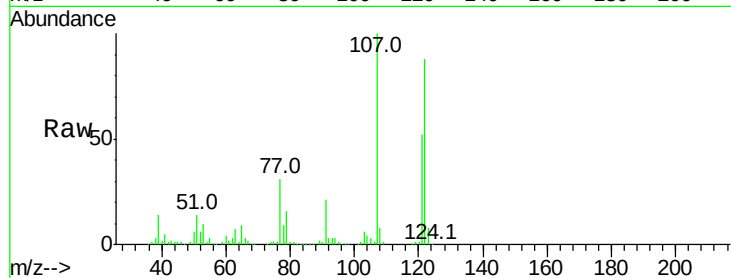
Tot Ion:122 Resp: 419527

Ion Ratio Lower Upper

122 100

107 113.1 91.2 136.8

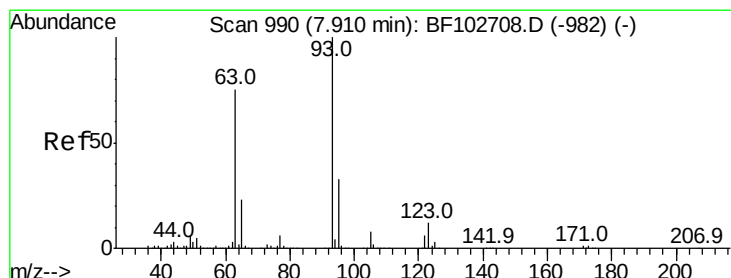
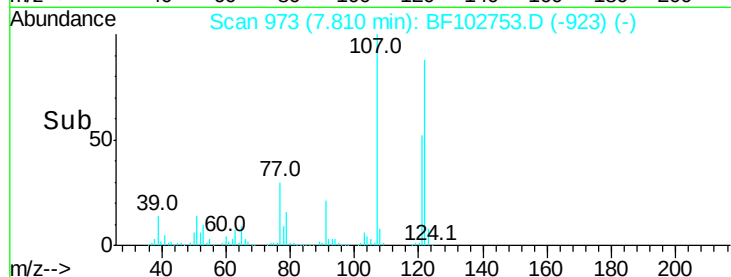
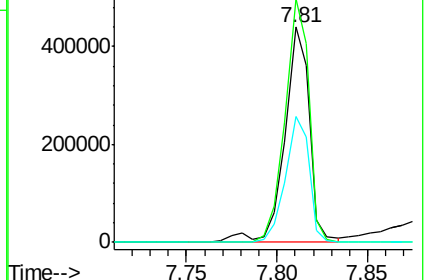
121 58.3 47.2 70.8



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: 36.658 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

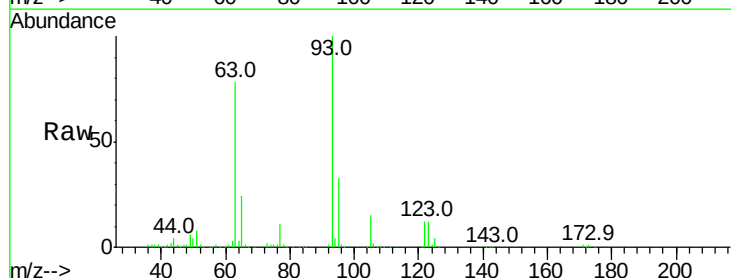
Tgt Ion: 93 Resp: 563284

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

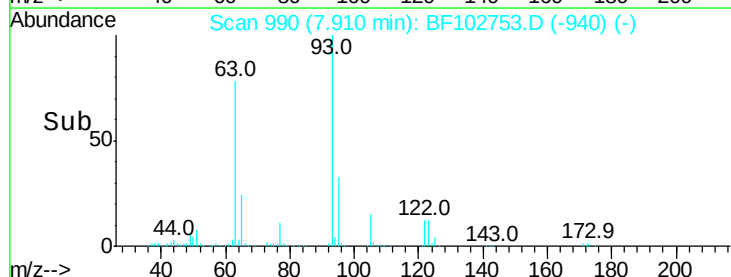
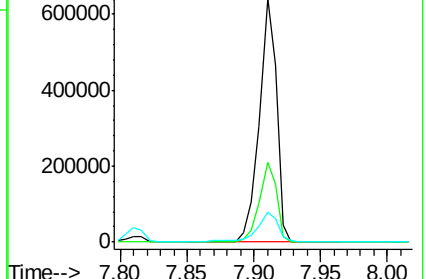
123 12.0 9.8 14.6

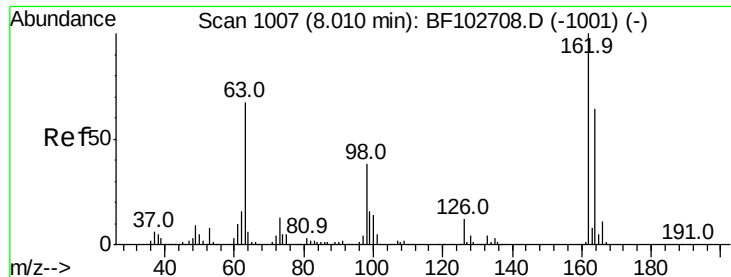


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

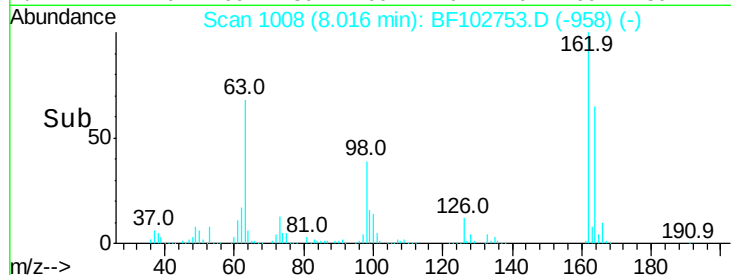
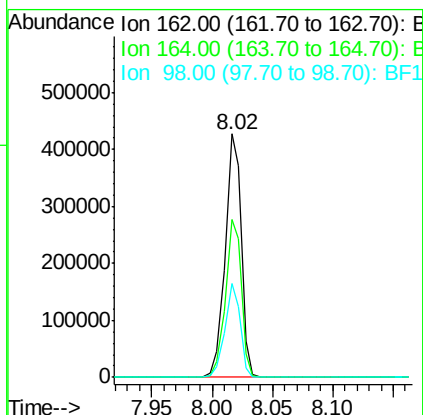
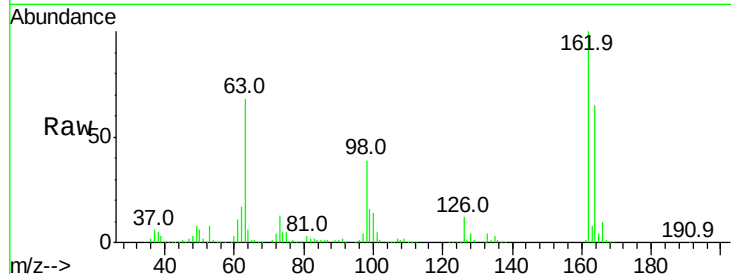




#29
 2,4-Dichlorophenol
 Concen: 39.522 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

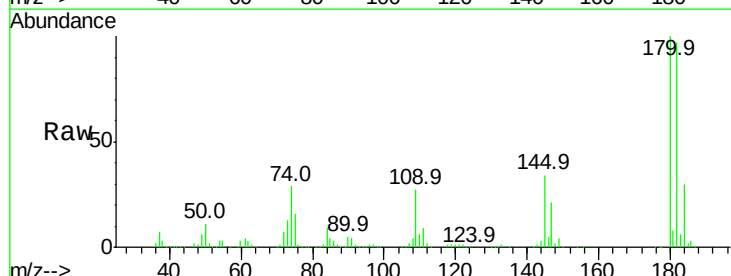
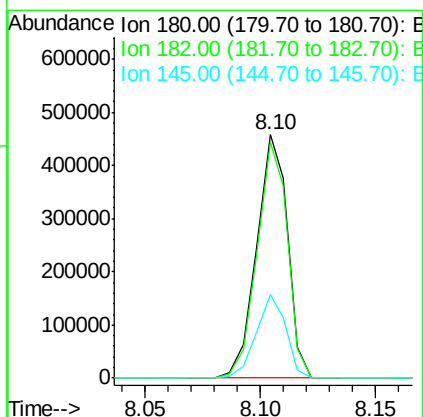
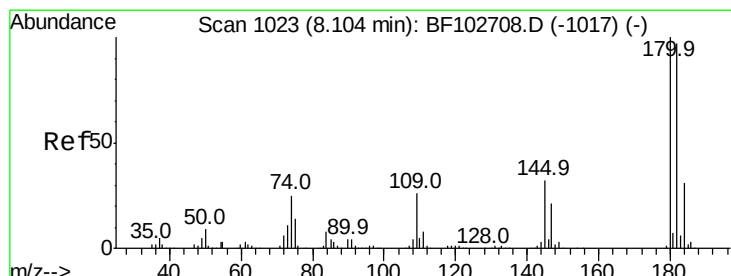
Instrument :
 BNA_F
 ClientSampleId :

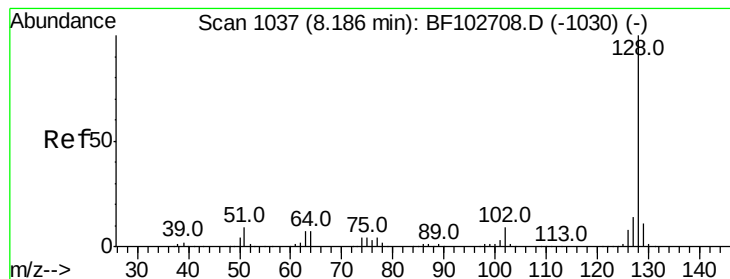
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	38.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.947 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.8	115.2
145	34.3	26.5	39.7





#31

Naphthalene

Concen: 37.096 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

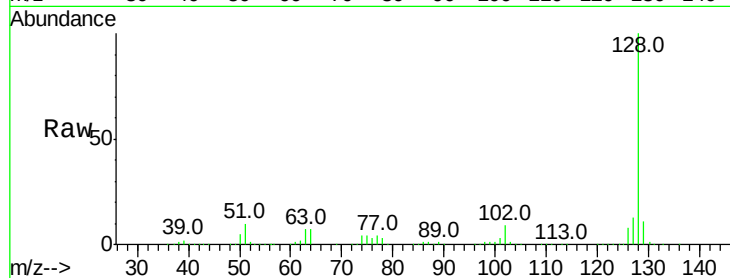
Tot Ion:128 Resp: 1416313

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

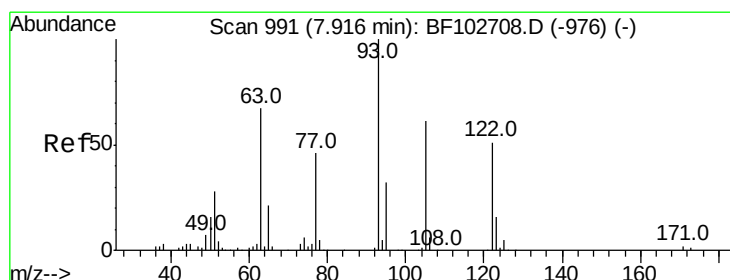
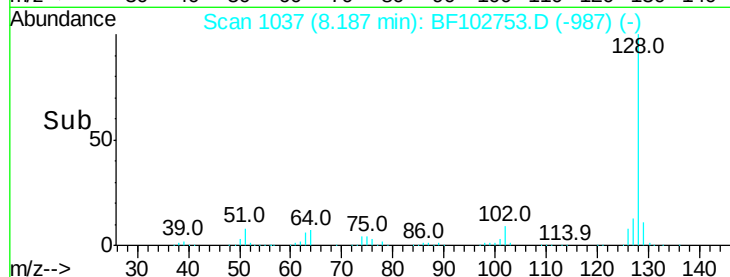
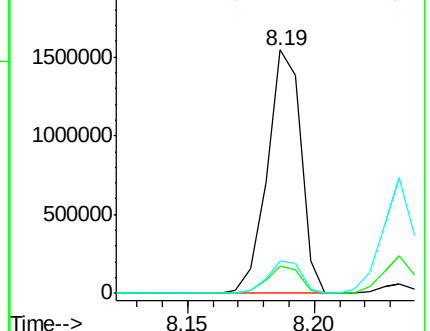
127 13.3 10.9 16.3



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: 45.761 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

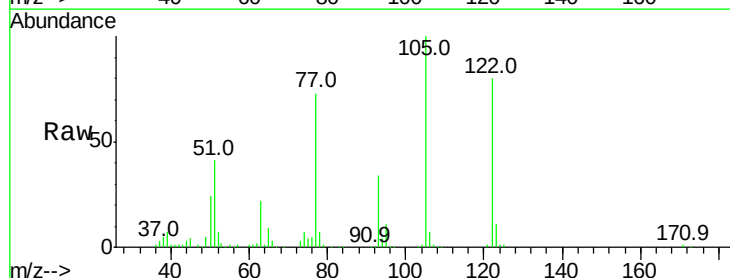
Tgt Ion:122 Resp: 347477

Ion Ratio Lower Upper

122 100

105 124.4 101.1 141.1

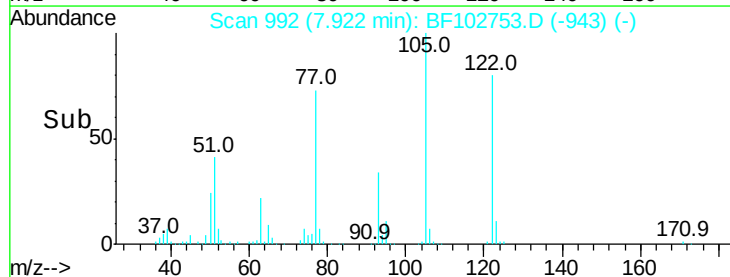
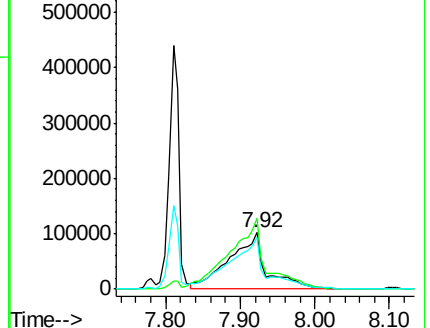
77 90.7 70.7 110.7

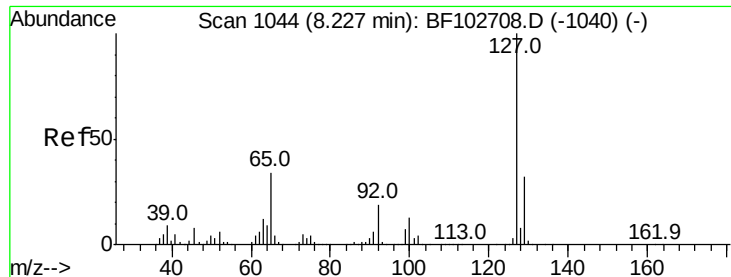


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

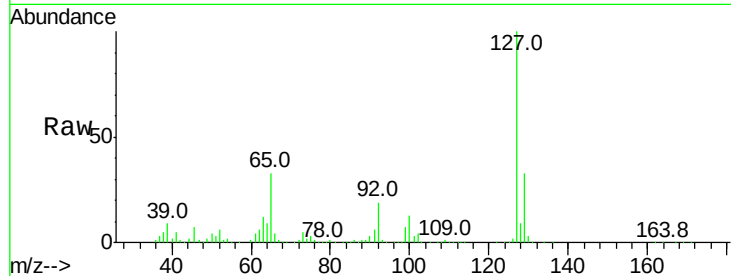




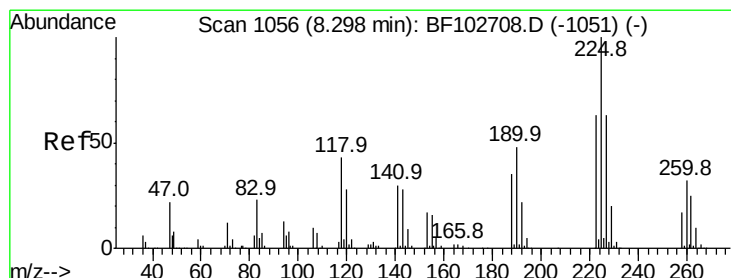
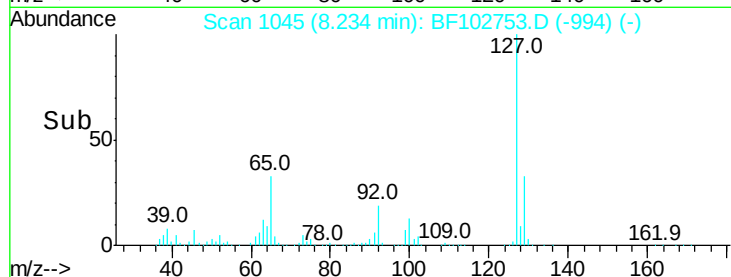
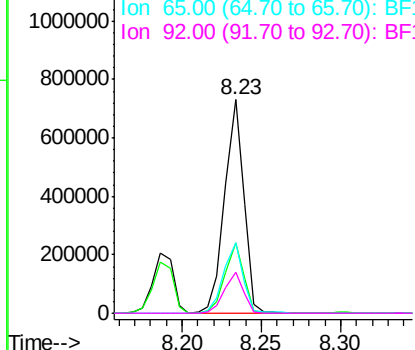
#33
 4-Chloroaniline
 Concen: 37.299 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	613484
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	33.3	25.0	37.4
92	19.1	15.2	22.8

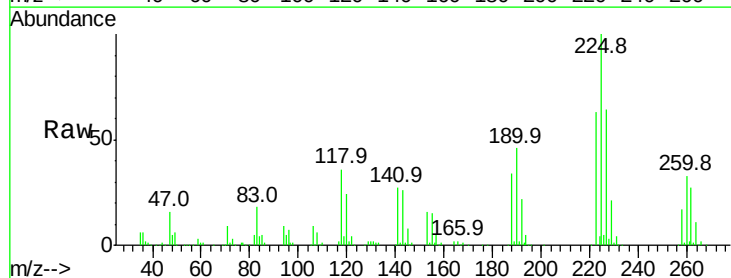


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

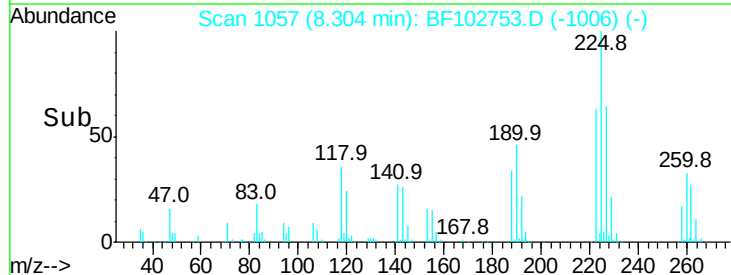
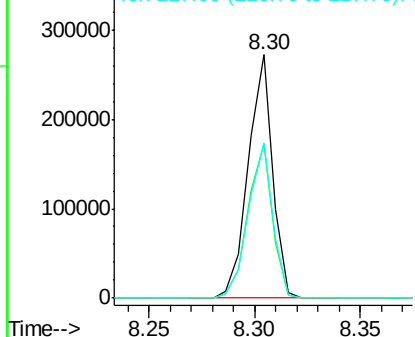


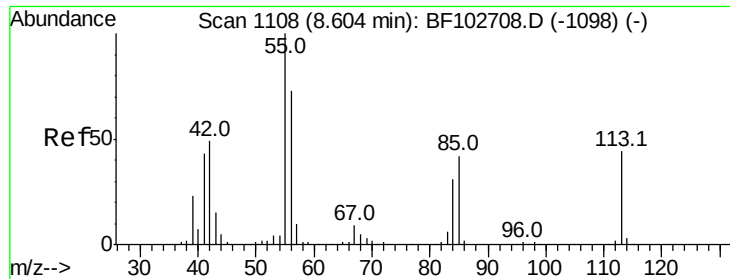
#34
 Hexachlorobutadiene
 Concen: 37.781 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion:	225	Resp:	218186
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.9	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

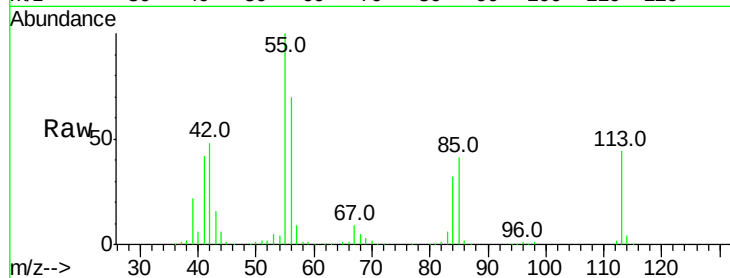




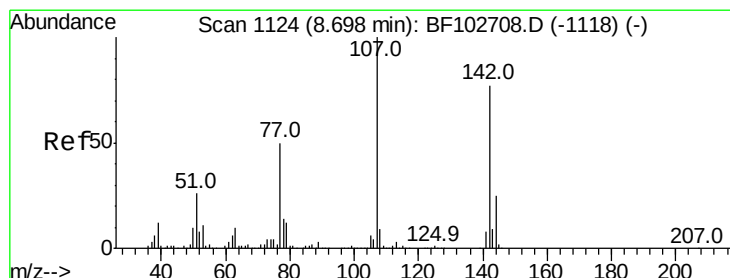
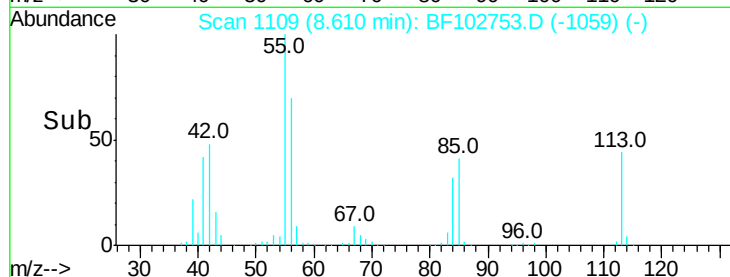
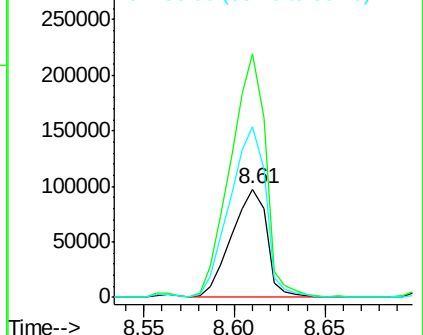
#35
 Caprolactam
 Concen: 38.450 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 133029
 Ion Ratio Lower Upper
 113 100
 55 225.3 163.3 203.3#
 56 157.9 115.7 155.7#

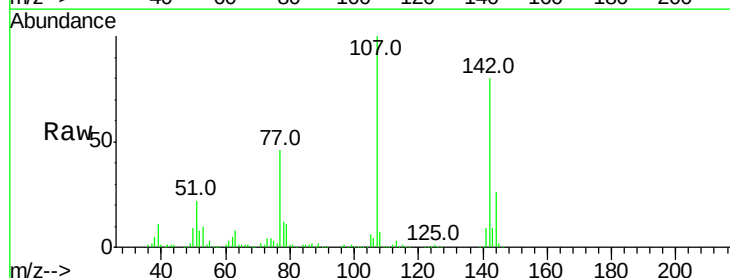


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

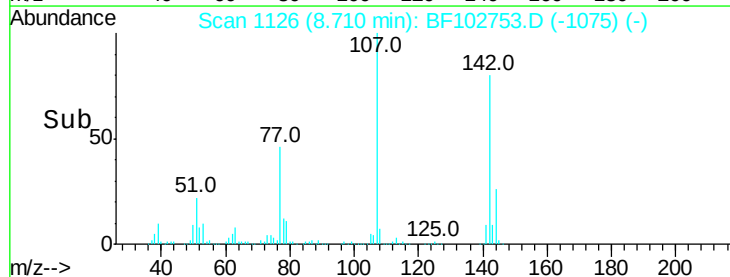
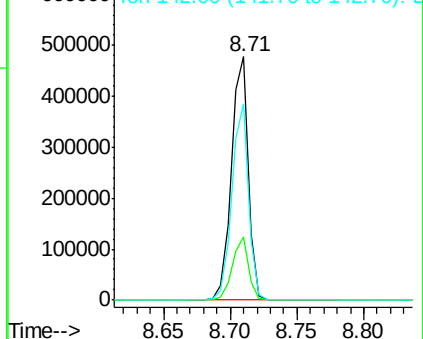


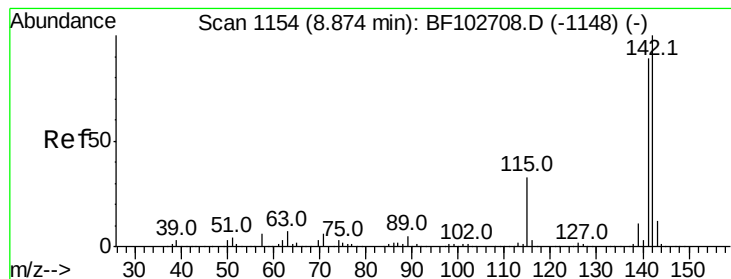
#36
 4-Chloro-3-methylphenol
 Concen: 38.241 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion:107 Resp: 428043
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 80.5 62.0 93.0



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

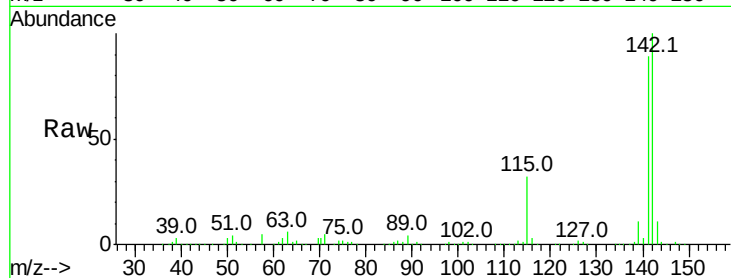




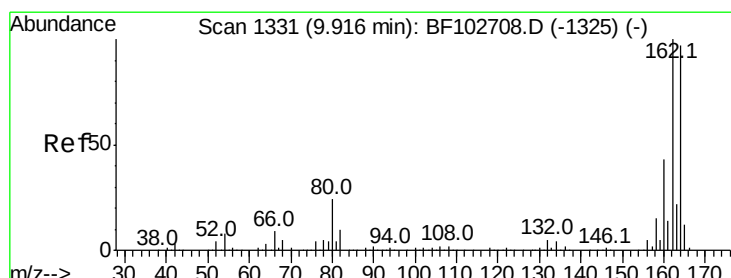
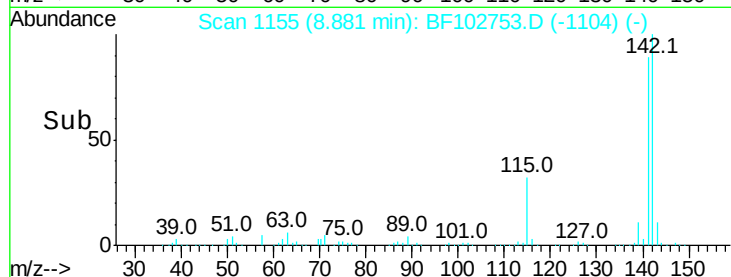
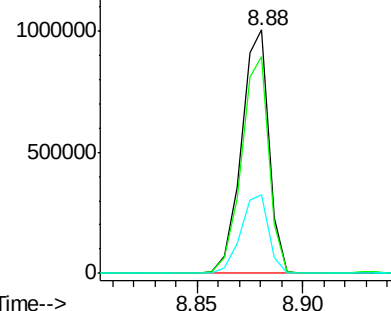
#37
2-Methylnaphthalene
Concen: 36.592 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 914699
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
115 32.3 26.1 39.1

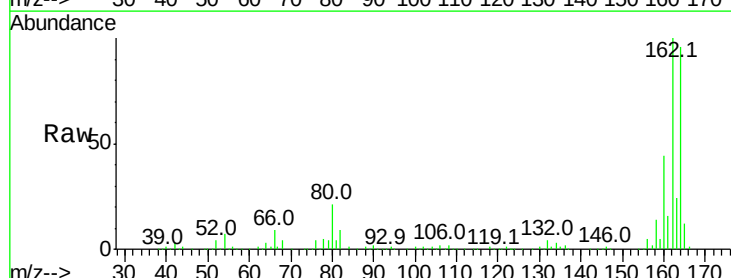


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

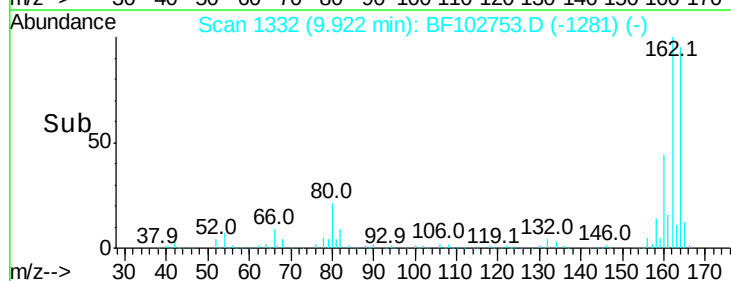
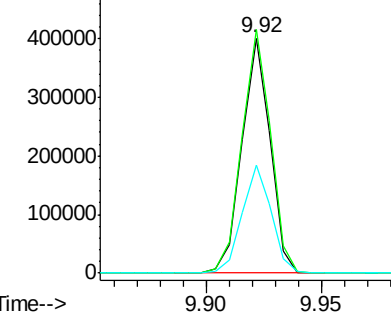


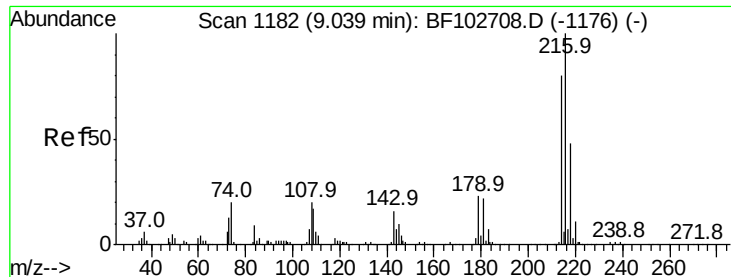
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion:164 Resp: 340491
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.9 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: 40.105 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF102753.D

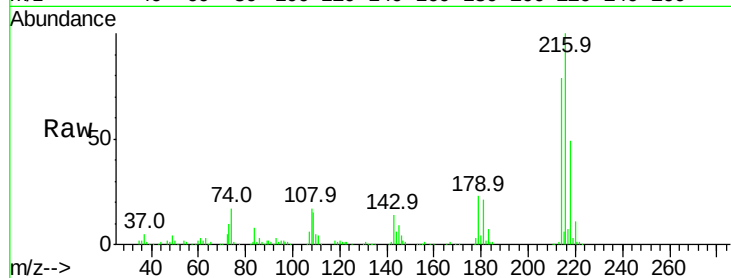
Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	371817
Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.0	94.4
179	23.4	18.1	27.1
108	21.1	17.2	25.8

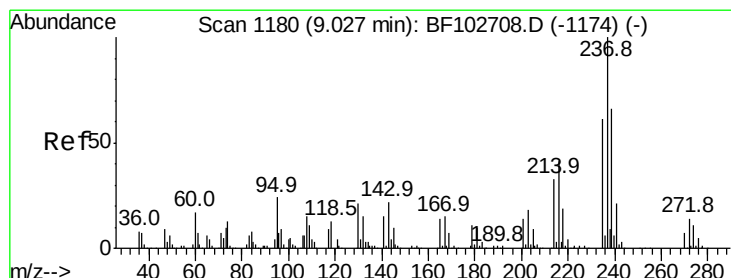
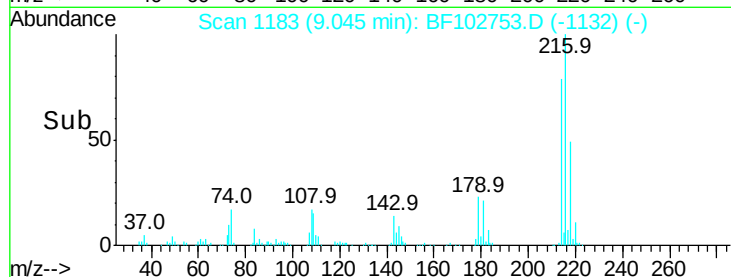
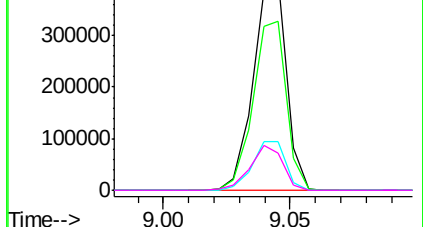


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.092 ng

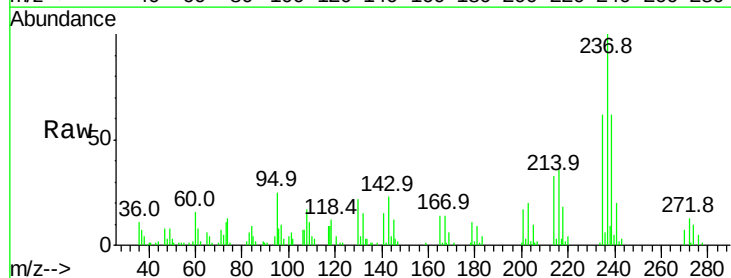
RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

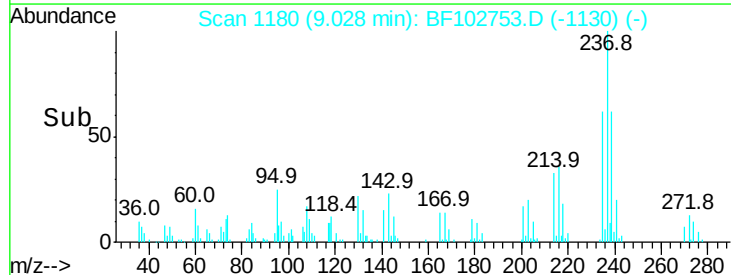
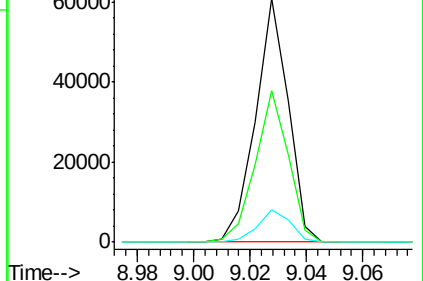
Tgt Ion:	237	Resp:	48887
Ion	Ratio	Lower	Upper
237	100		
235	62.1	44.8	84.8
272	13.1	0.0	33.3

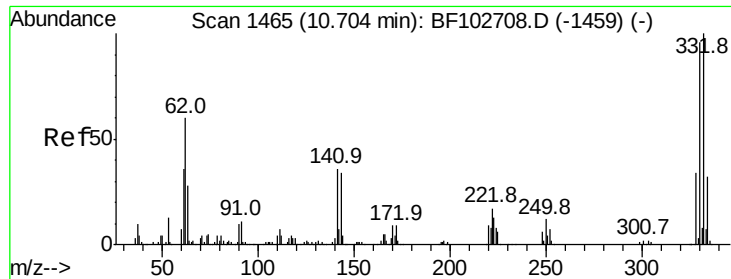


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

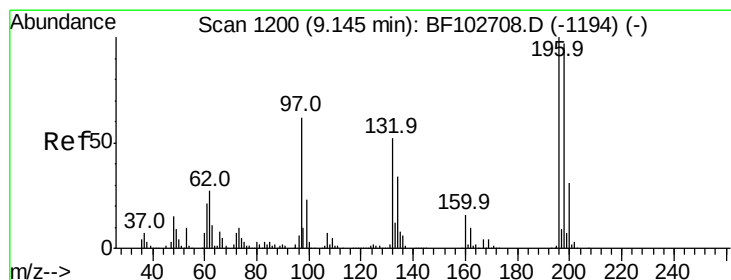
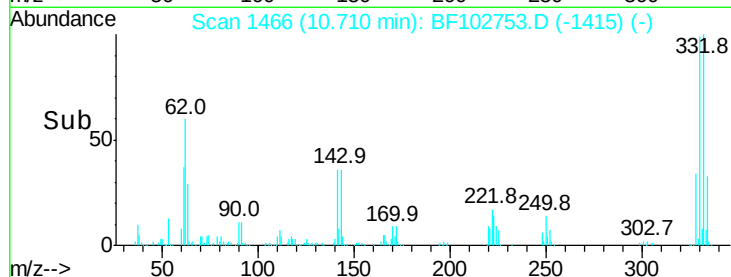
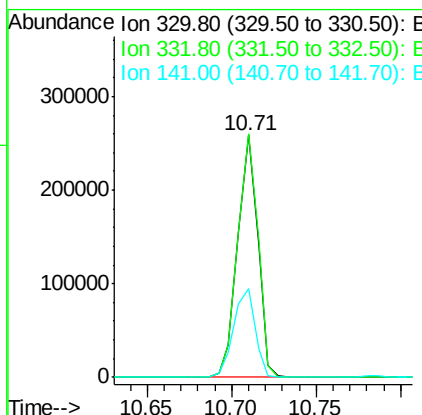
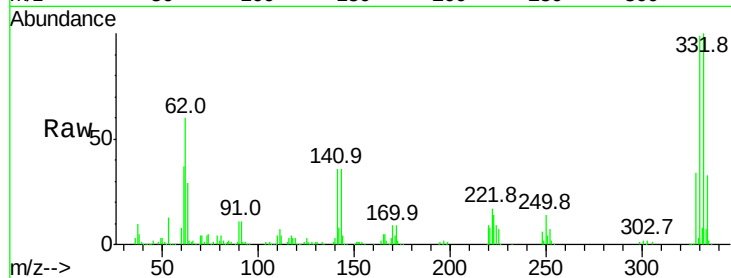




#41
 2,4,6-Tribromophenol
 Concen: 78.762 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

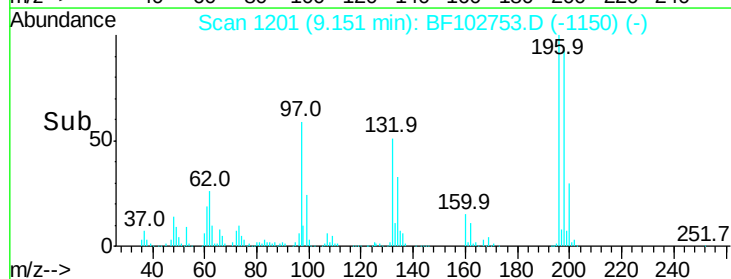
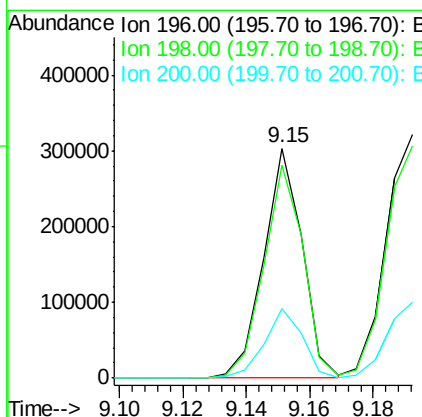
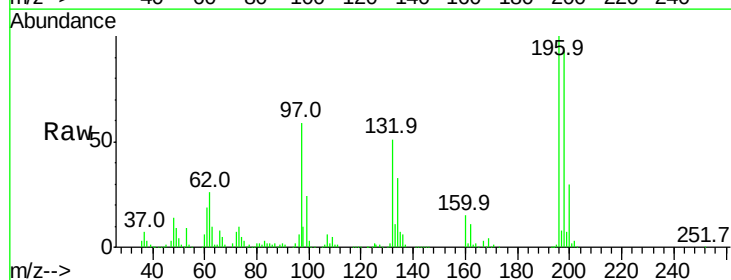
Instrument :
 BNA_F
 ClientSampleId :

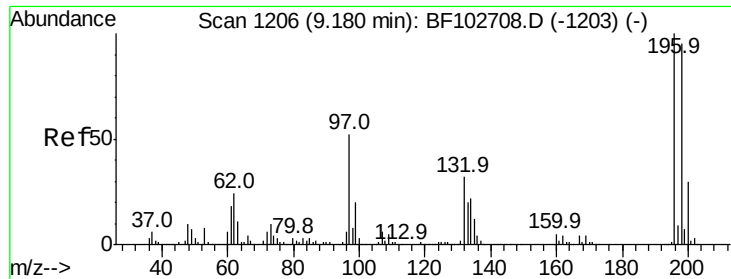
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.0	115.6
141	38.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.201 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.6	75.7	113.5
200	30.2	24.5	36.7

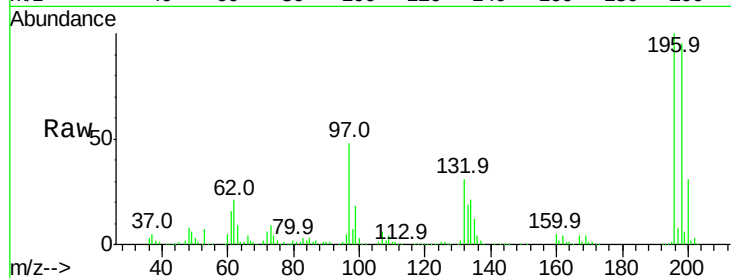




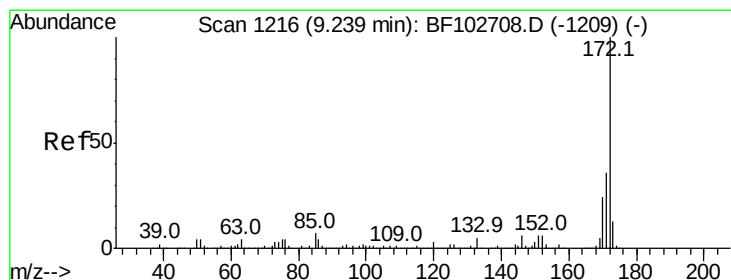
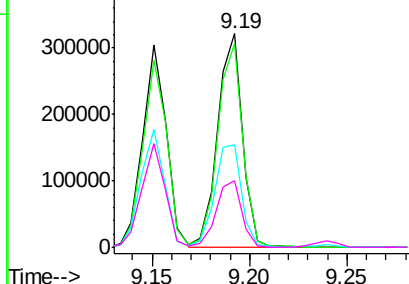
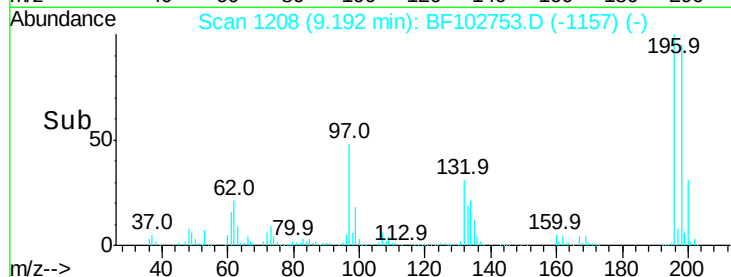
#43
 2,4,5-Trichlorophenol
 Concen: 41.242 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 283062
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.6 112.0
 97 47.7 42.9 64.3
 132 31.2 26.3 39.5

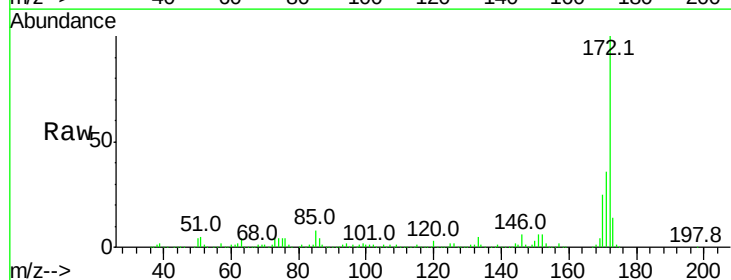


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

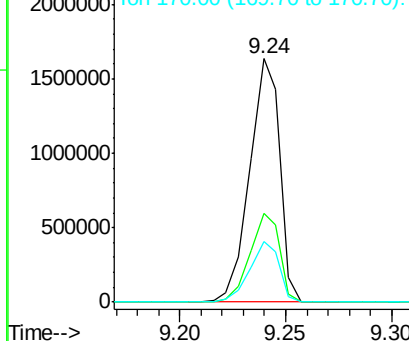
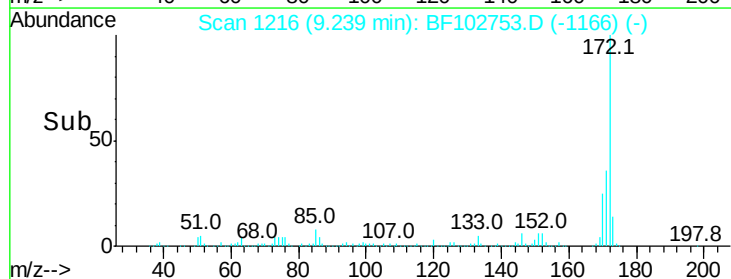


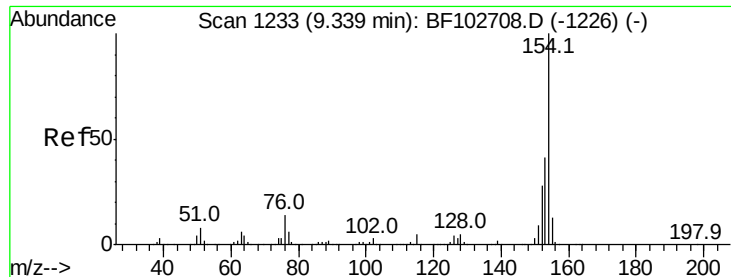
#44
 2-Fluorobiphenyl
 Concen: 78.737 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion:172 Resp: 1615648
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.7 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 37.907 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

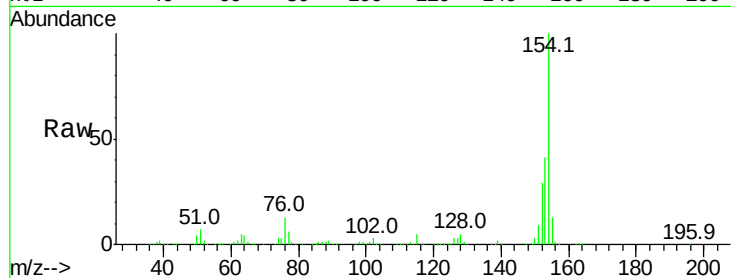
Tot Ion:154 Resp: 1087134

Ion Ratio Lower Upper

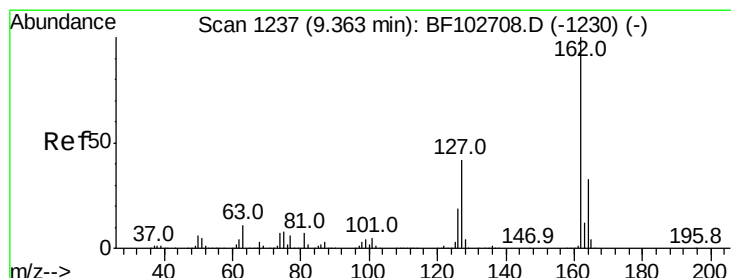
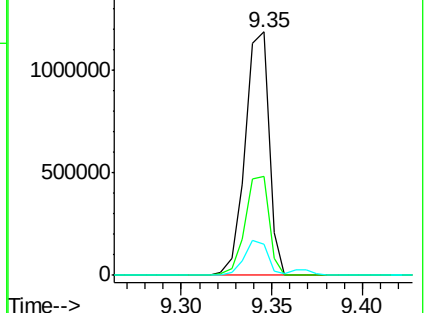
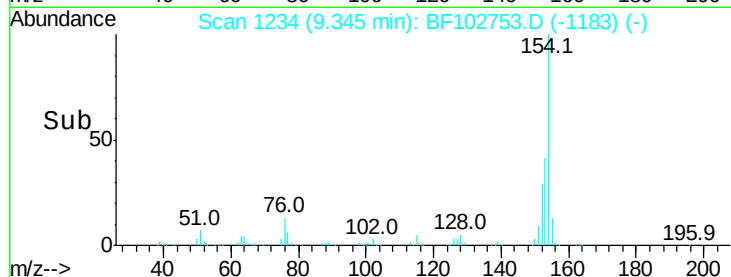
154 100

153 40.9 21.3 61.3

76 12.5 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 38.198 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

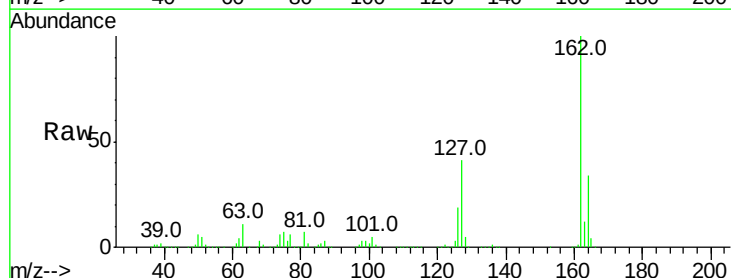
Tgt Ion:162 Resp: 862425

Ion Ratio Lower Upper

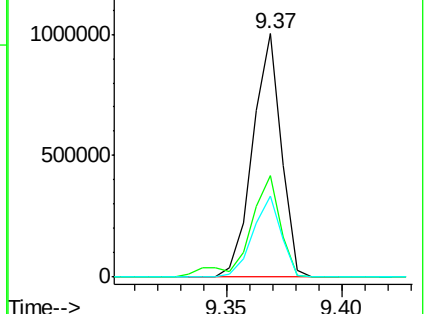
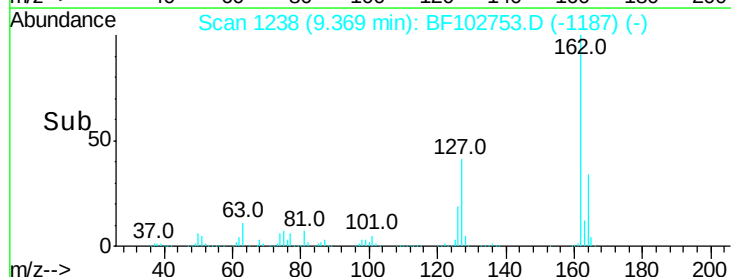
162 100

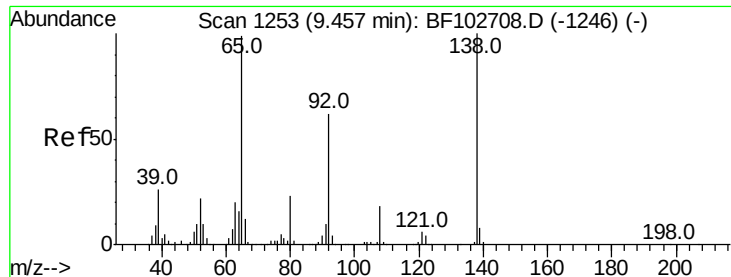
127 41.5 33.9 50.9

164 33.6 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.625 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

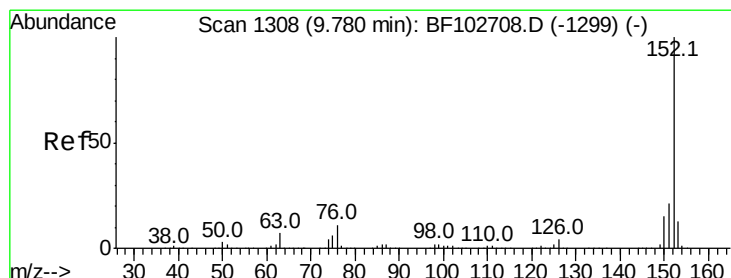
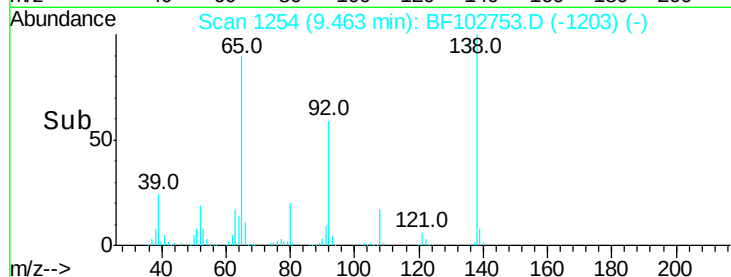
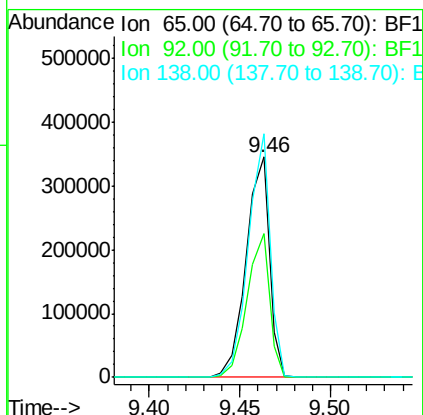
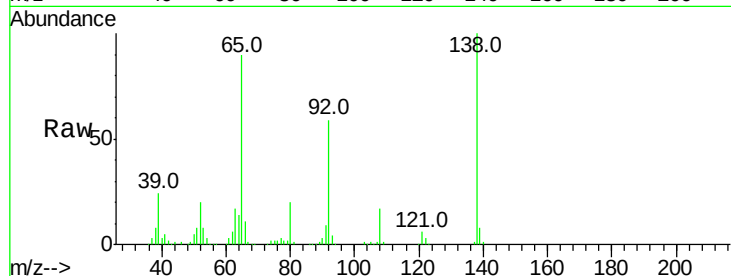
Tot Ion: 65 Resp: 309070

Ion Ratio Lower Upper

65 100

92 65.1 55.8 83.6

138 110.6 91.2 136.8



#48

Acenaphthylene

Concen: 37.505 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

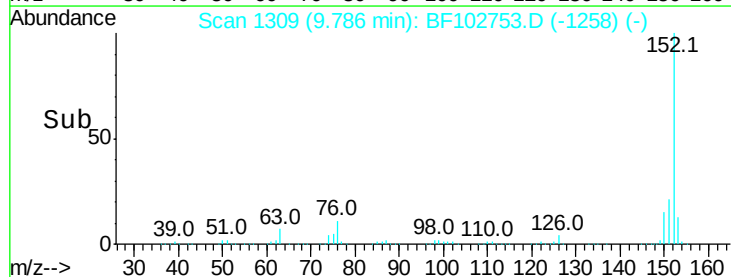
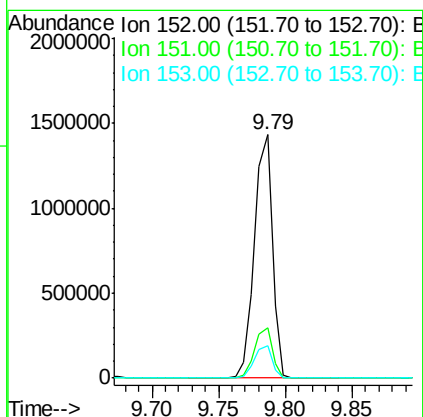
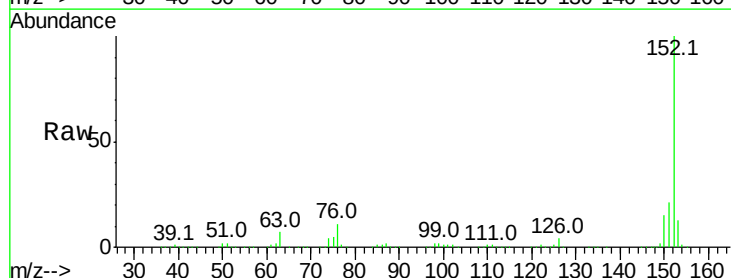
Tgt Ion: 152 Resp: 1315204

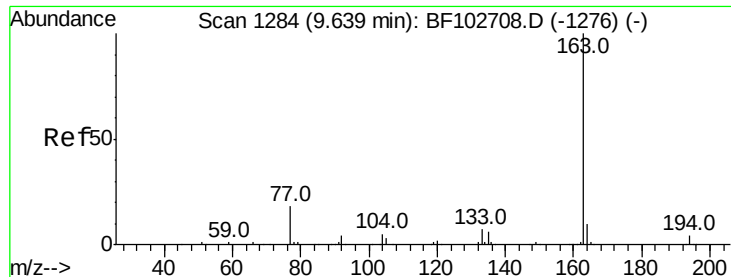
Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.2 10.7 16.1

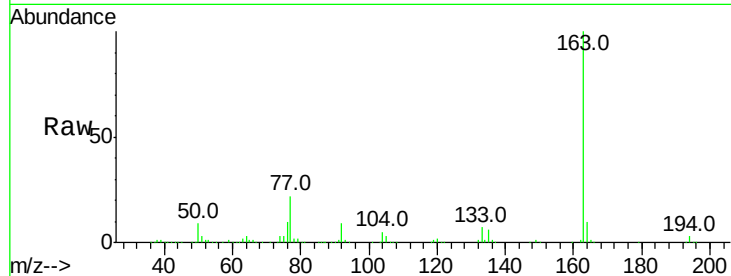




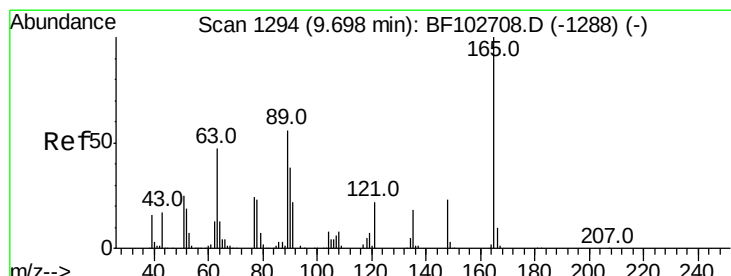
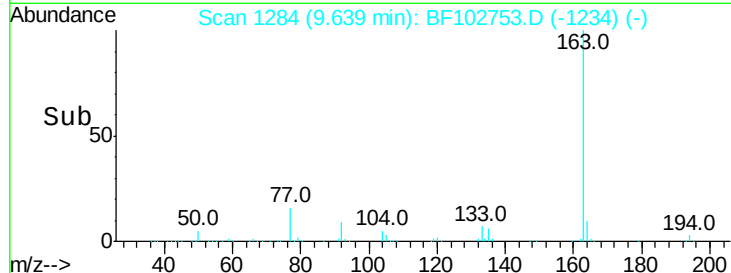
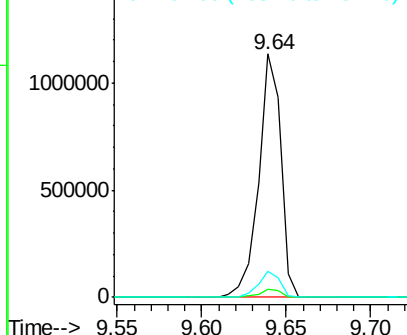
#49
Dimethylphthalate
Concen: 39.041 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1036501
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.5 8.2 12.2

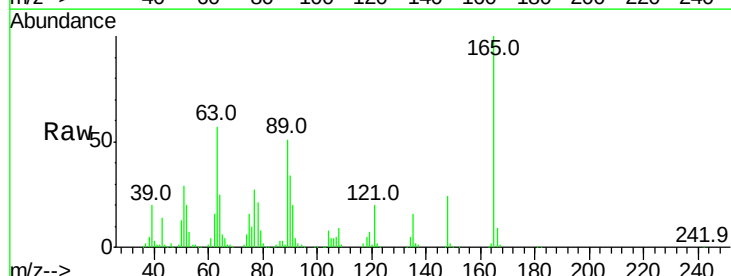


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

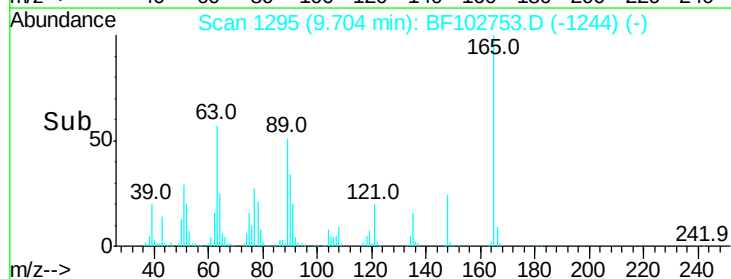
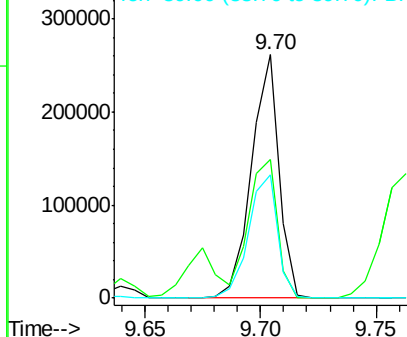


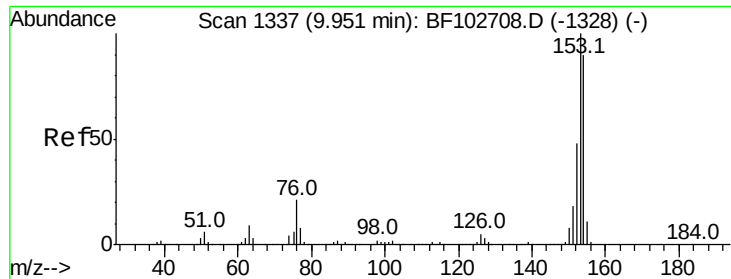
#50
2,6-Dinitrotoluene
Concen: 43.081 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion:165 Resp: 217600
Ion Ratio Lower Upper
165 100
63 57.2 44.7 67.1
89 50.6 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: 36.458 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

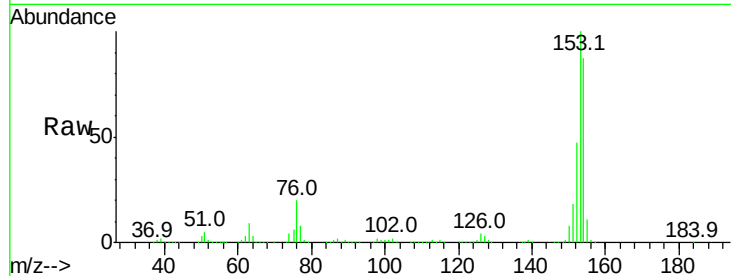
Tot Ion:154 Resp: 764567

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

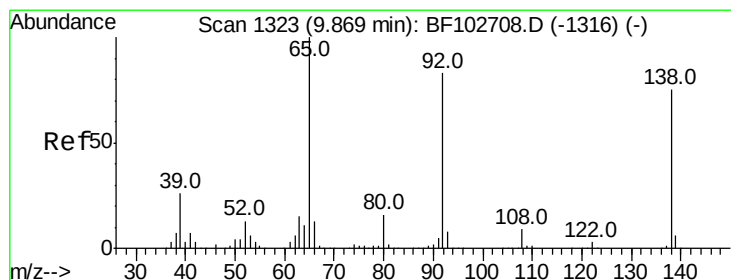
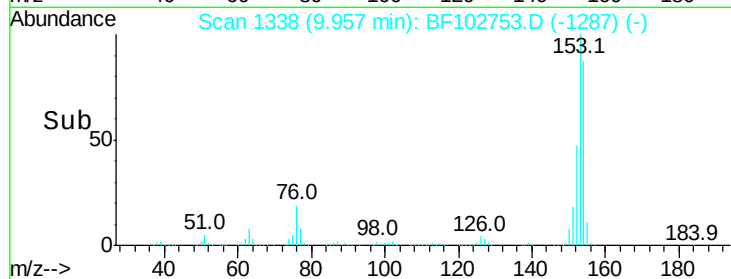
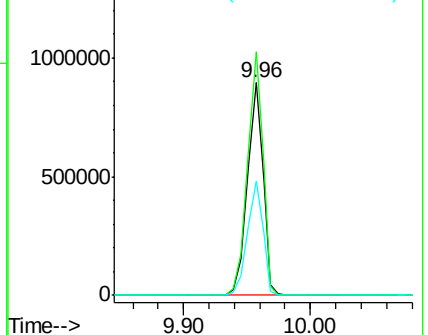
152 53.8 43.8 65.8



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: 43.846 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

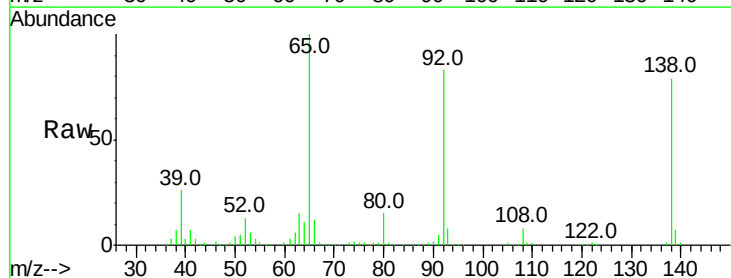
Tgt Ion:138 Resp: 272501

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

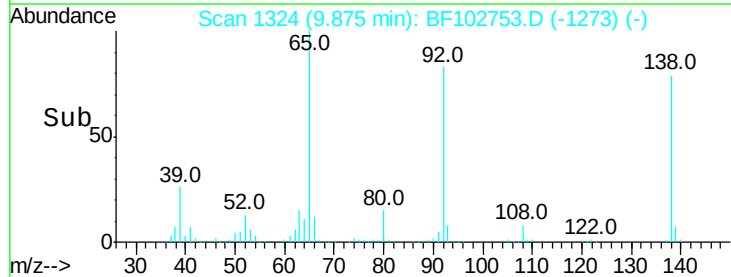
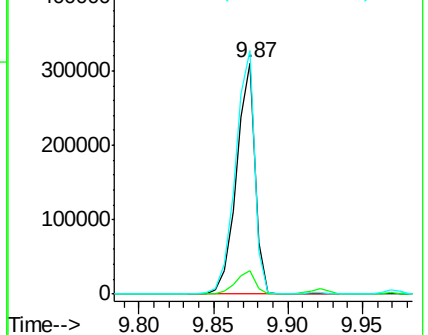
92 105.3 89.4 134.2

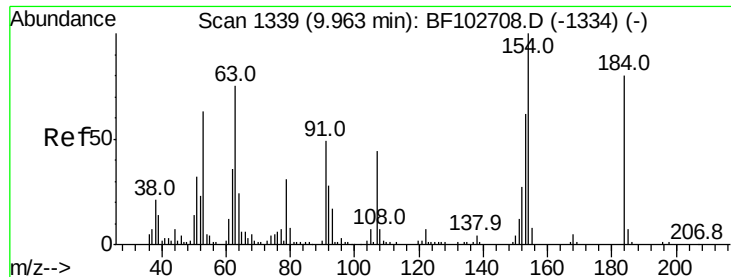


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

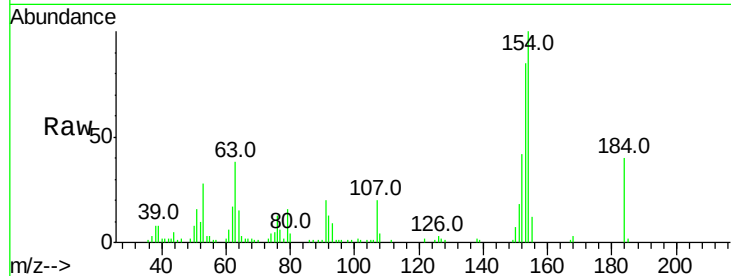




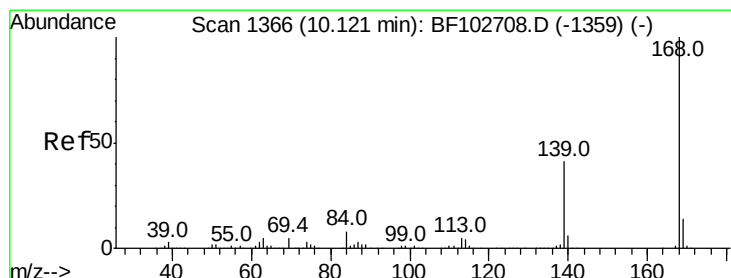
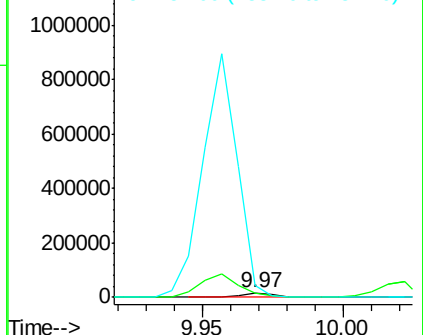
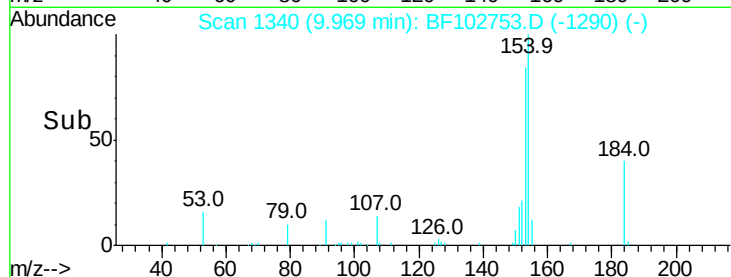
#53
2,4-Dinitrophenol
Concen: 20.556 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 13157
Ion Ratio Lower Upper
184 100
63 95.0 54.2 81.2#
154 251.5 184.0 276.0

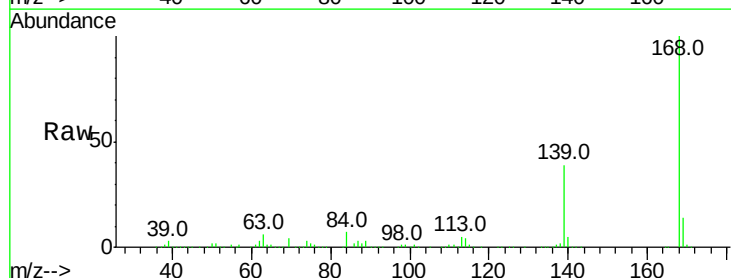


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

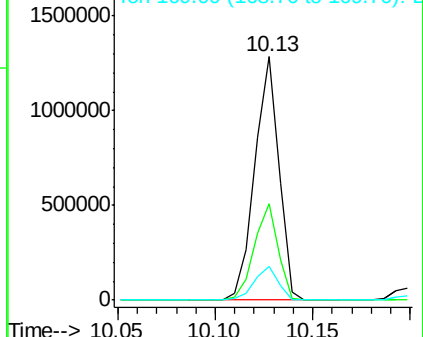
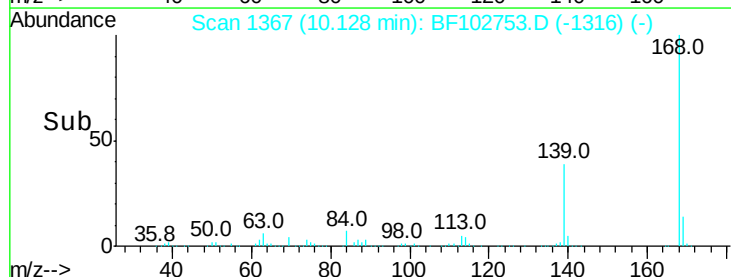


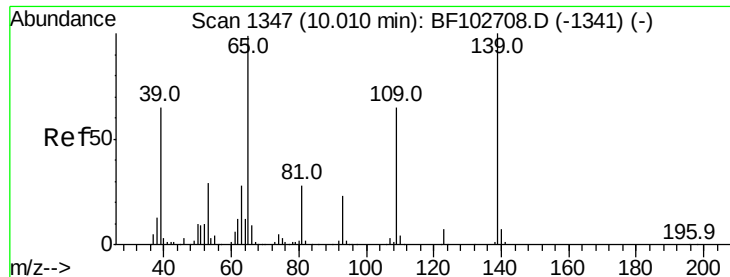
#54
Dibenzofuran
Concen: 37.170 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion:168 Resp: 1098529
Ion Ratio Lower Upper
168 100
139 39.4 30.1 45.1
169 13.7 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

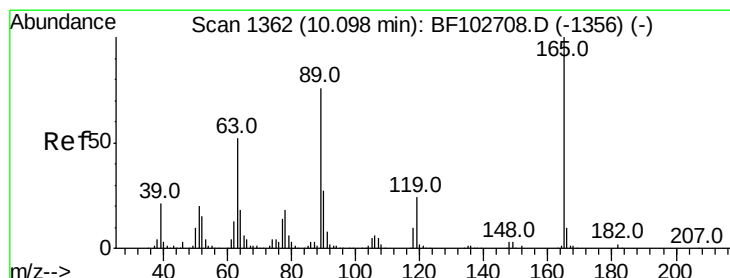
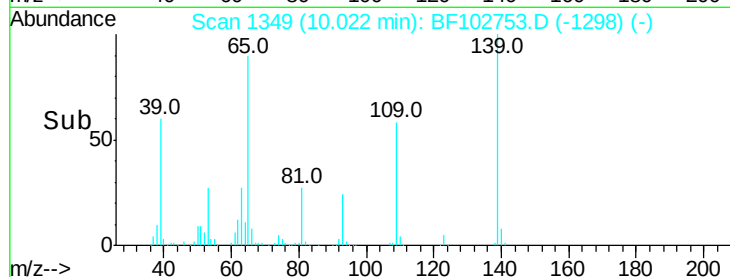
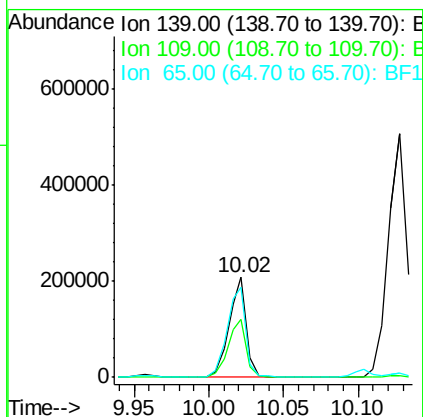
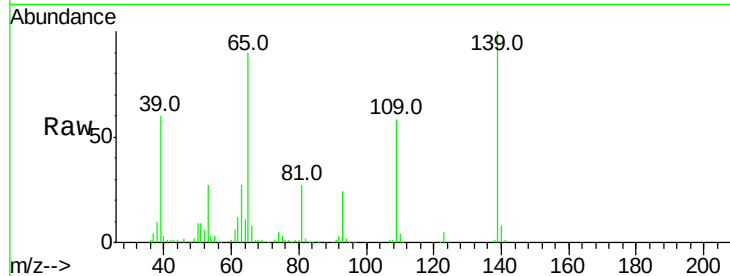




#55
4-Nitrophenol
Concen: 35.685 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

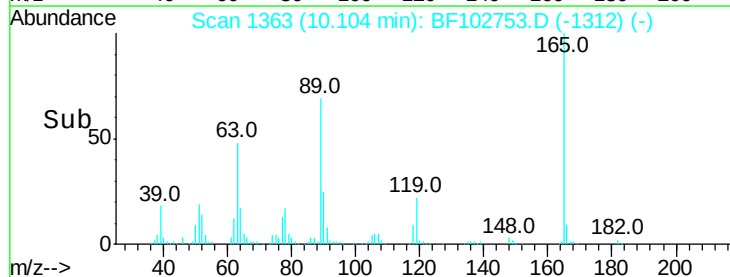
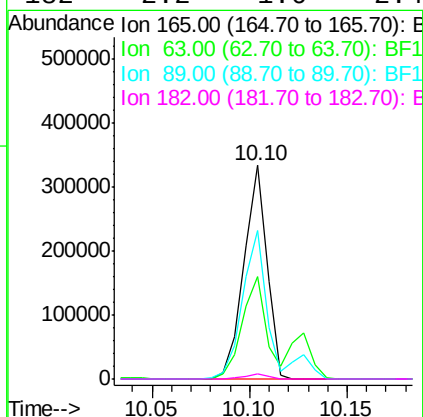
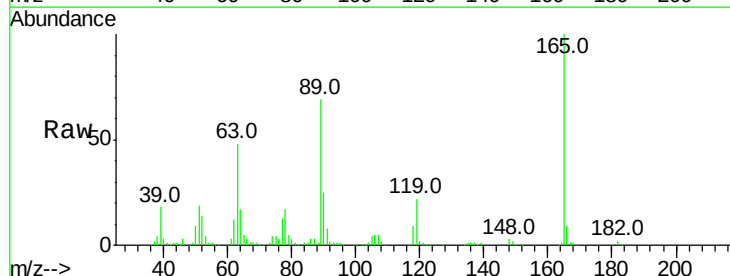
Instrument :
BNA_F
ClientSampleId :

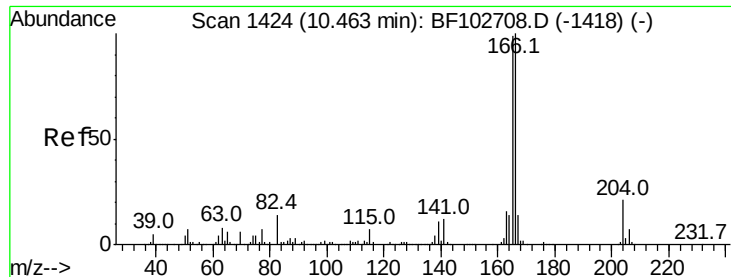
Tot Ion:139 Resp: 170266
Ion Ratio Lower Upper
139 100
109 57.7 48.4 88.4
65 90.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.118 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion:165 Resp: 275348
Ion Ratio Lower Upper
165 100
63 47.8 36.4 54.6
89 69.3 57.8 86.6
182 2.2 1.6 2.4

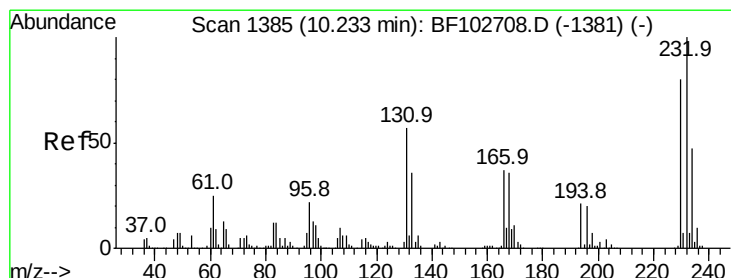
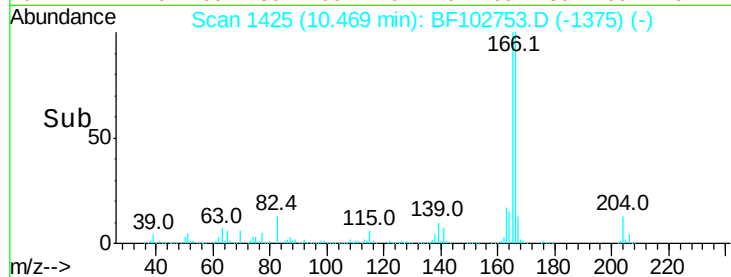
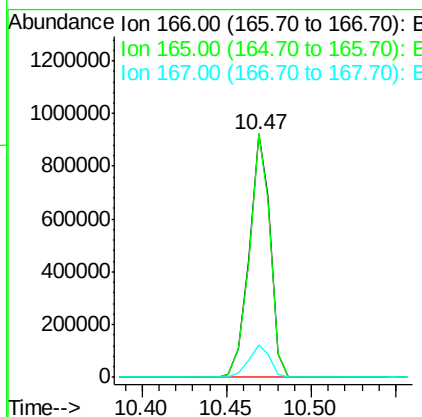
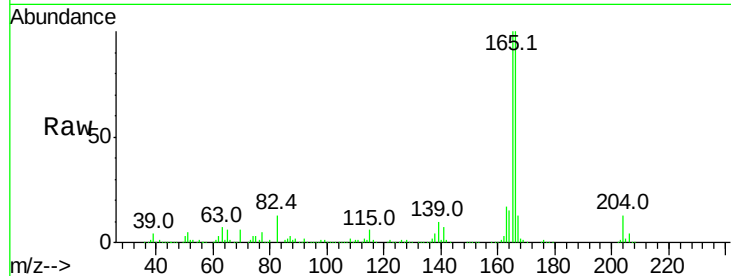




#57
 Fluorene
 Concen: 37.327 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

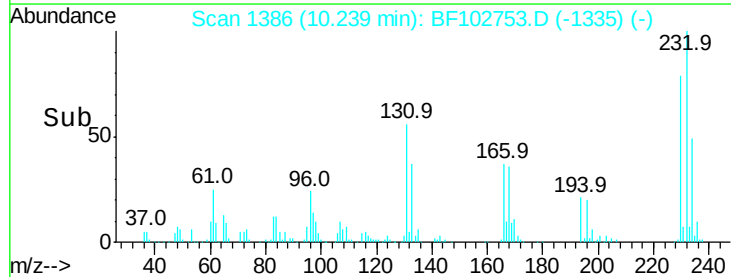
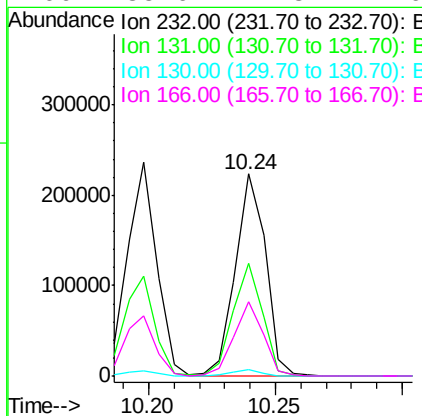
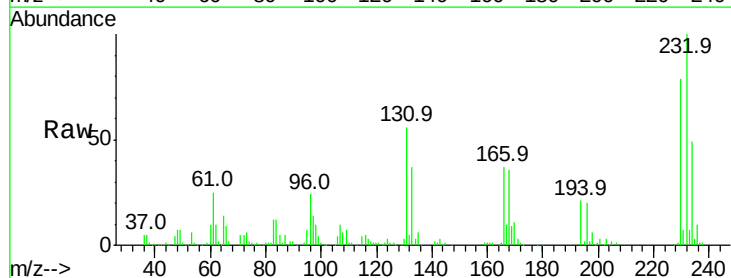
Instrument :
 BNA_F
 ClientSampleId :

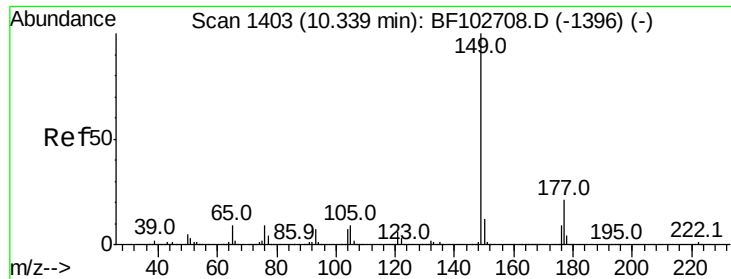
Tot Ion:166 Resp: 802643
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.728 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion:232 Resp: 184225
 Ion Ratio Lower Upper
 232 100
 131 55.2 43.8 65.8
 130 2.7 2.1 3.1
 166 35.6 27.8 41.6

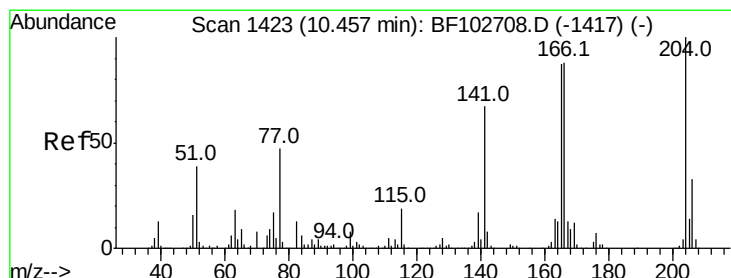
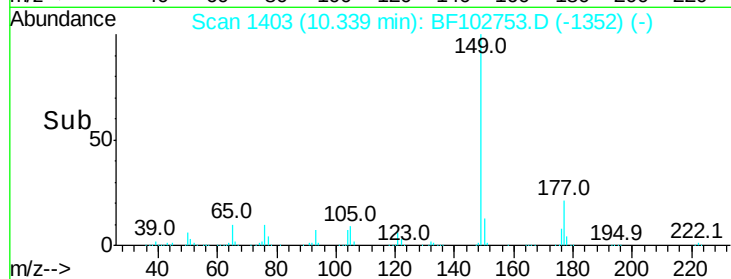
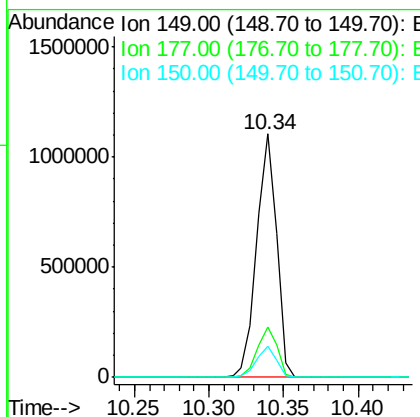
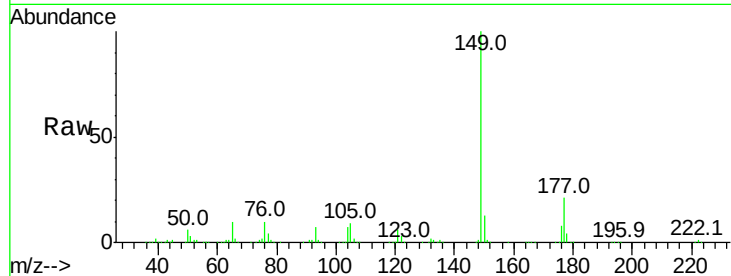




#59
Diethylphthalate
Concen: 38.448 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

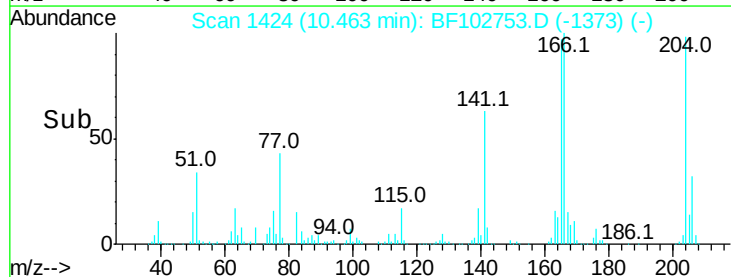
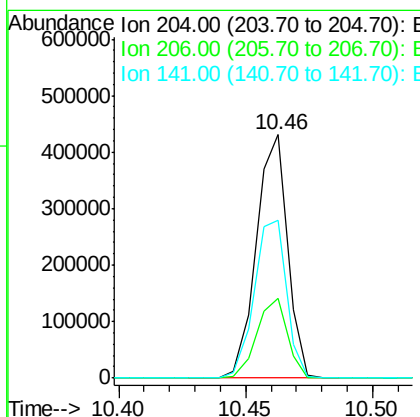
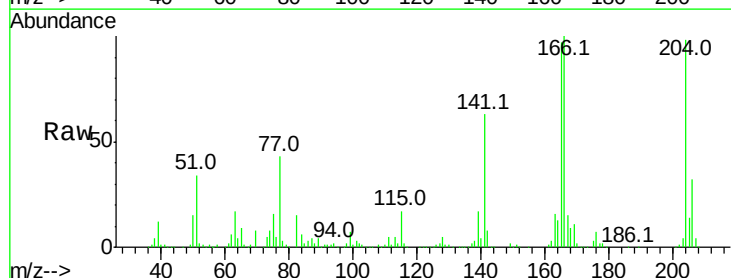
Instrument :
BNA_F
ClientSampled :

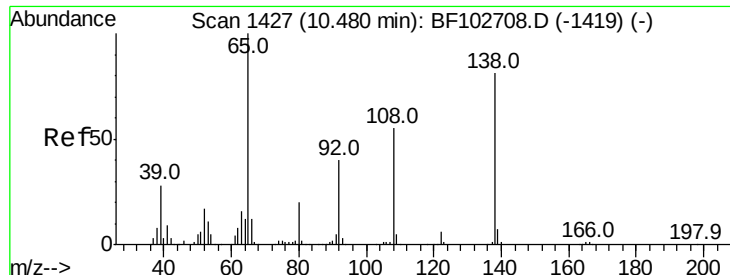
Tot Ion:149 Resp: 1007885
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.047 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion:204 Resp: 371428
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.8 54.6 81.8

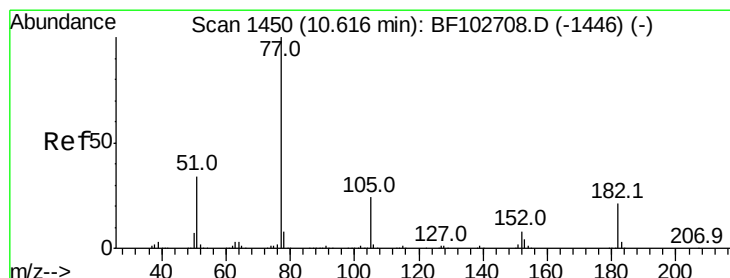
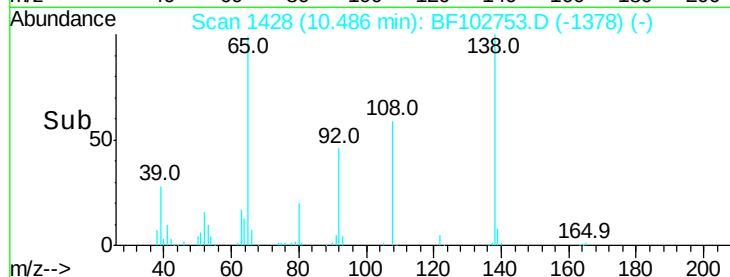
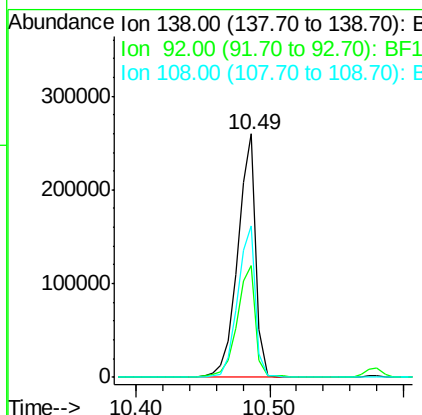
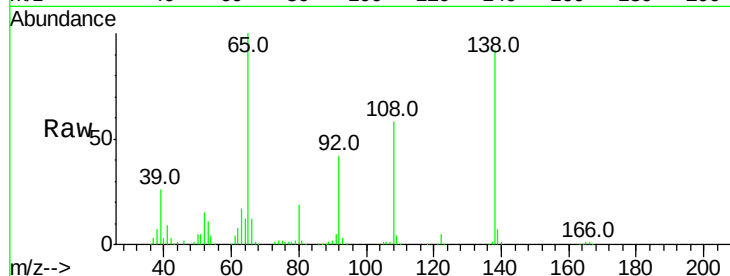




#61
4-Nitroaniline
Concen: 41.219 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

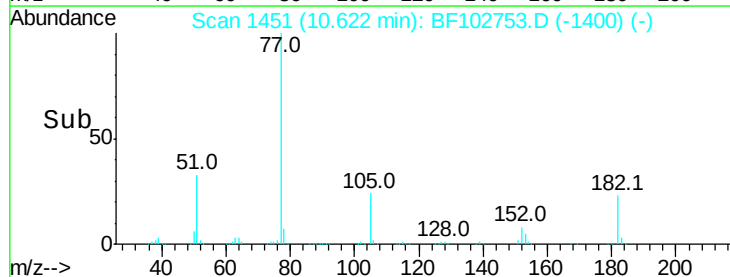
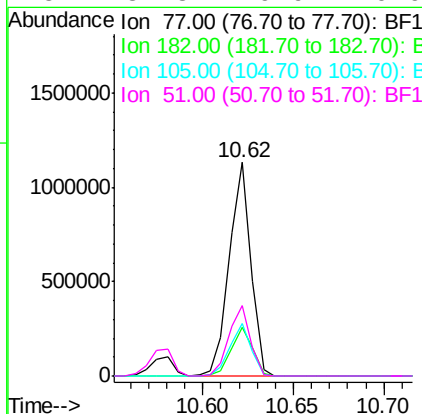
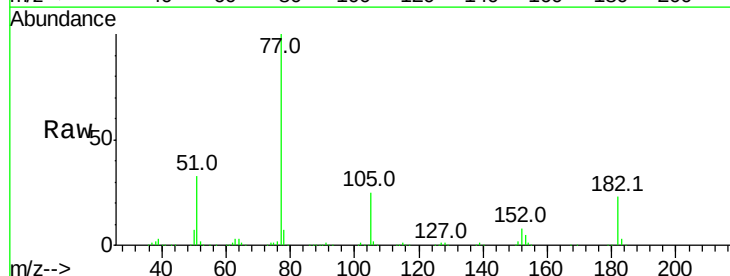
Instrument :
BNA_F
ClientSampleId :

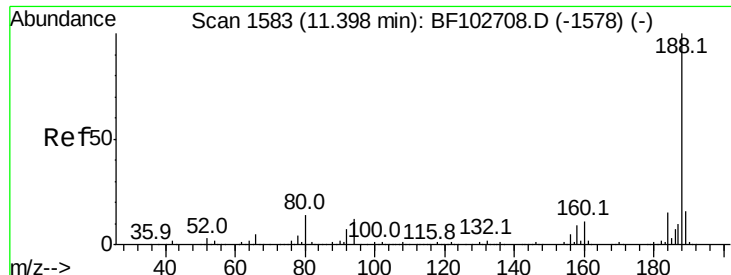
Tot Ion	Ratio	Lower	Upper
138	100		
92	45.7	30.2	70.2
108	62.3	52.5	92.5



#62
Azobenzene
Concen: 35.829 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	1.7	41.7
105	24.7	3.0	43.0
51	32.8	9.9	49.9

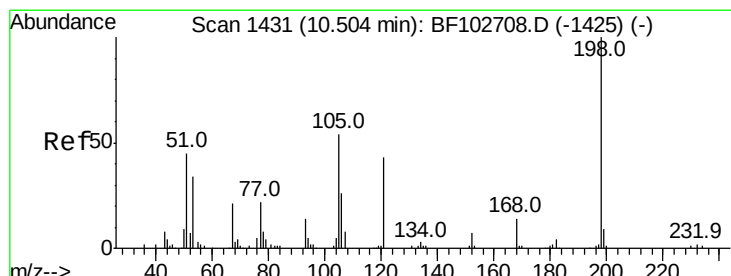
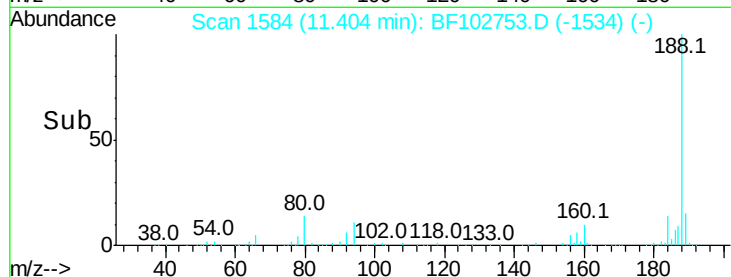
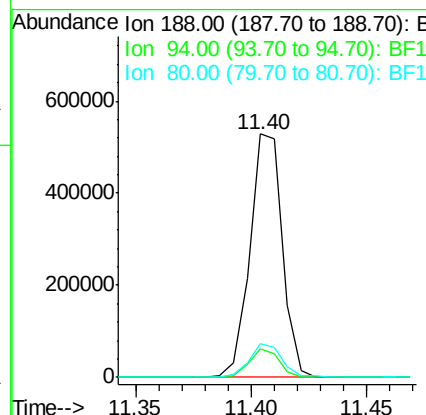
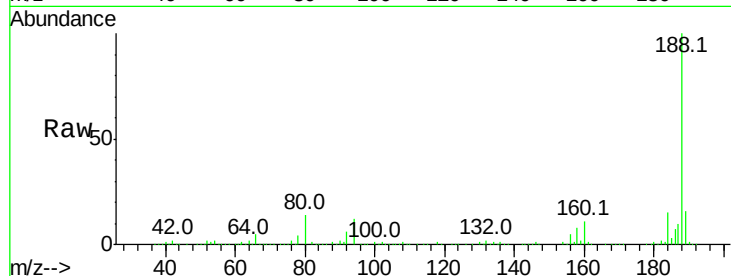




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

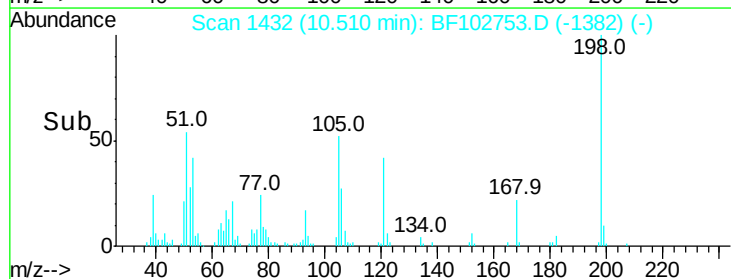
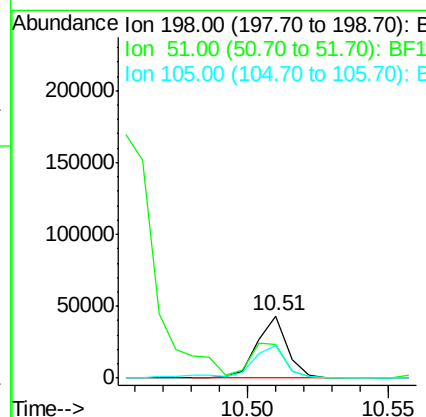
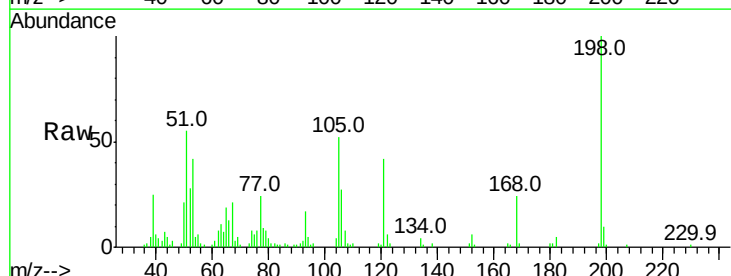
Instrument :
 BNA_F
 ClientSampleId :

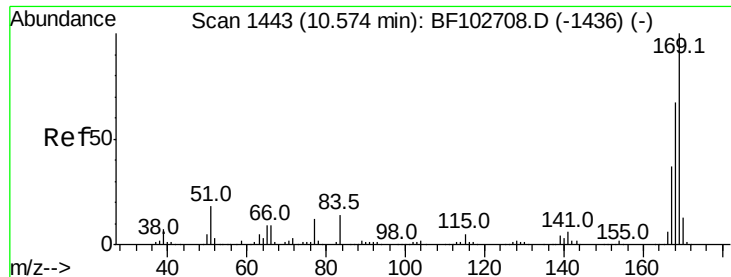
Tot Ion:188 Resp: 518776
 Ion Ratio Lower Upper
 188 100
 94 11.9 8.5 12.7
 80 13.9 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 21.856 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion:198 Resp: 31788
 Ion Ratio Lower Upper
 198 100
 51 54.7 37.7 77.7
 105 51.9 36.3 76.3

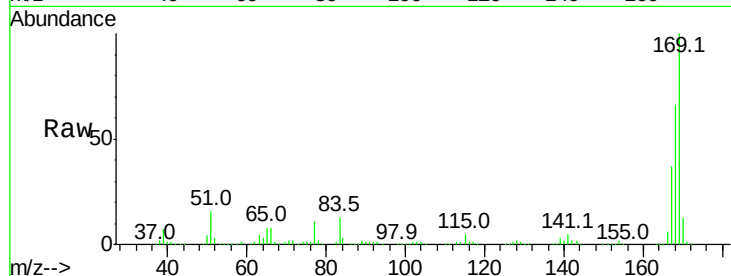




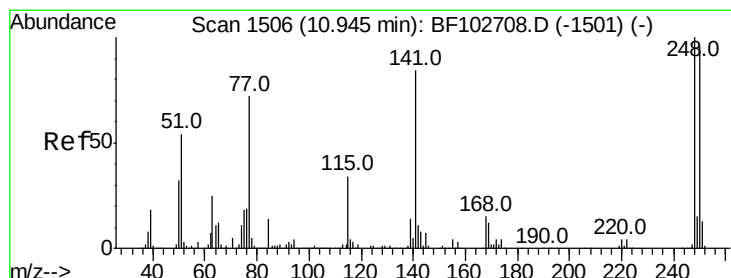
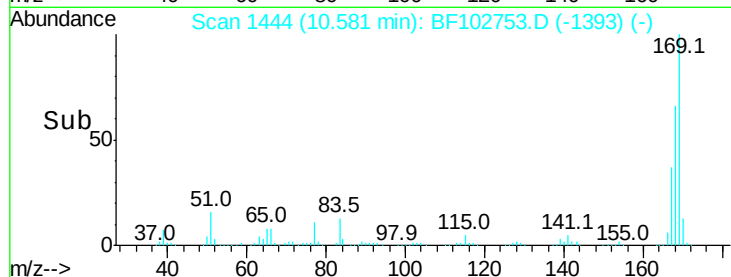
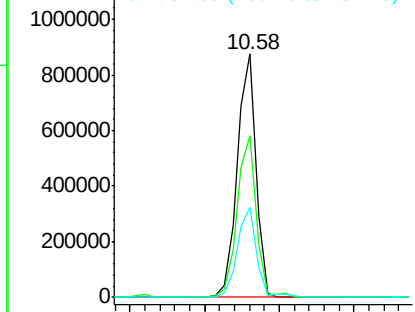
#65
 n-Nitrosodiphenylamine
 Concen: 42.194 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 772104
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.4 81.6
 167 37.0 29.8 44.6

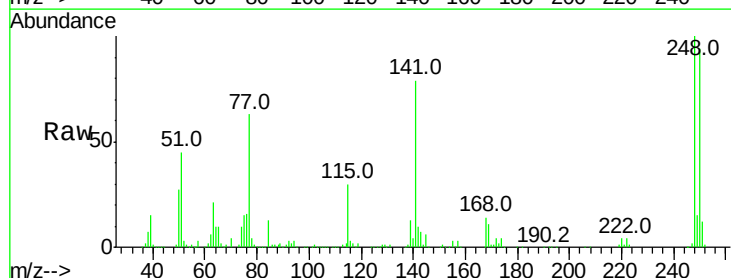


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

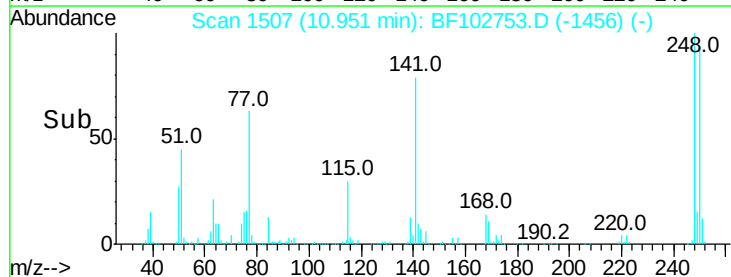
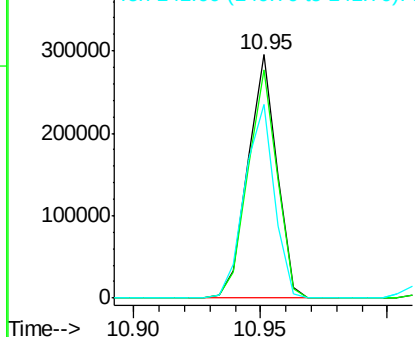


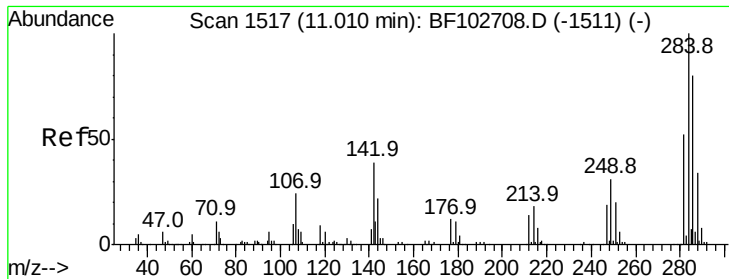
#66
 4-Bromophenyl-phenylether
 Concen: 42.663 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion:248 Resp: 234120
 Ion Ratio Lower Upper
 248 100
 250 93.8 76.9 115.3
 141 79.4 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.515 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

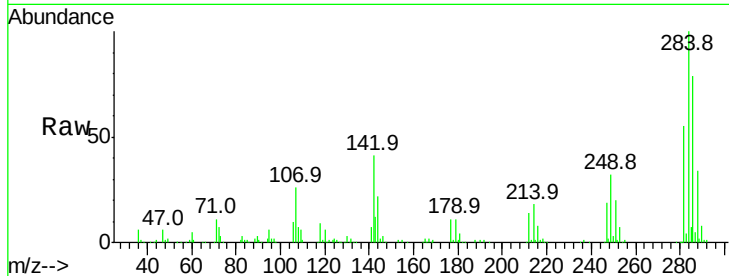
Tot Ion:284 Resp: 239222

Ion Ratio Lower Upper

284 100

142 40.7 34.6 52.0

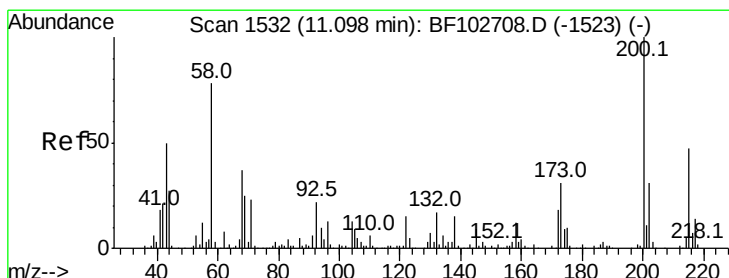
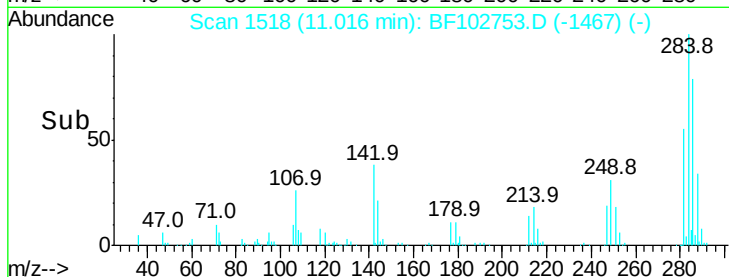
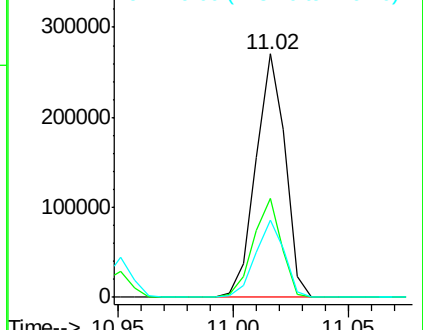
249 31.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.585 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

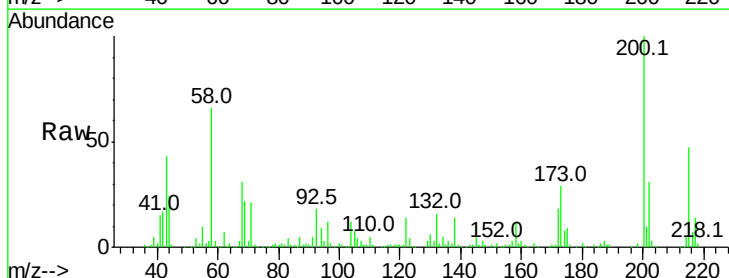
Tgt Ion:200 Resp: 224491

Ion Ratio Lower Upper

200 100

173 28.6 8.6 48.6

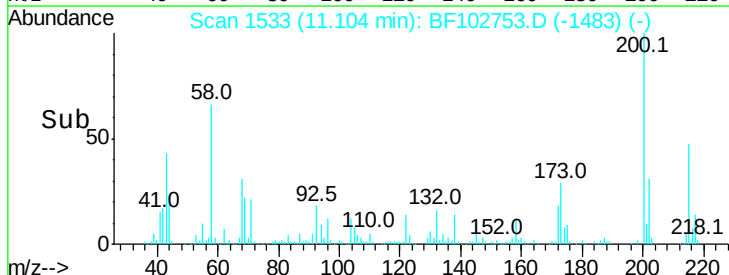
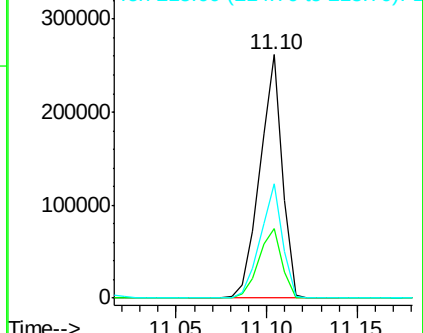
215 47.1 25.1 65.1

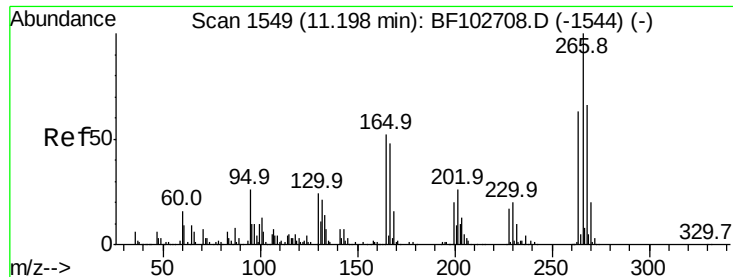


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

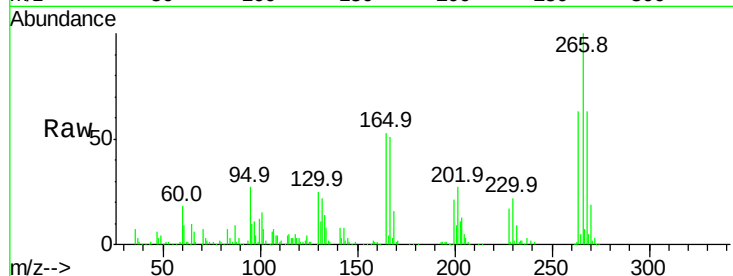




#69
 Pentachlorophenol
 Concen: 36.645 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	62.7	49.5	74.3

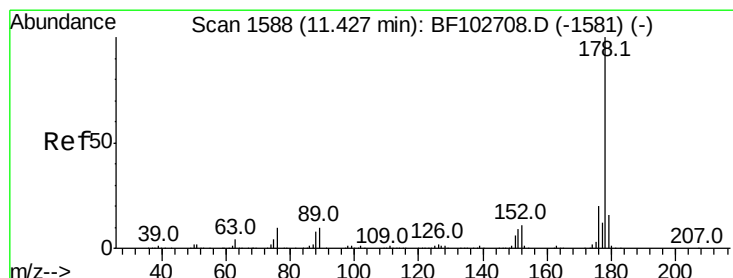
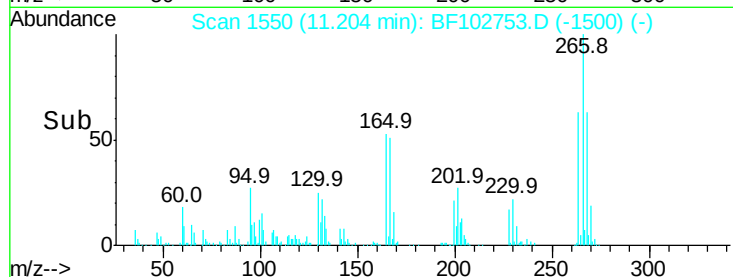
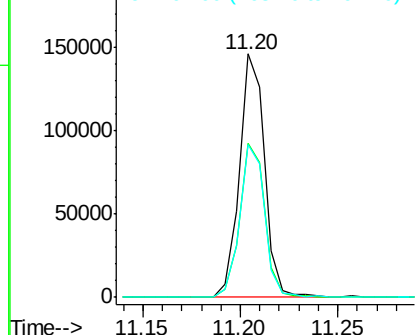


Abundance

Ion 265.70 (265.40 to 266.40): E

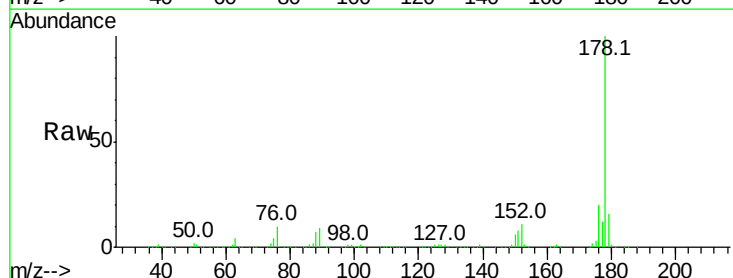
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.700 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.6	13.0	19.6

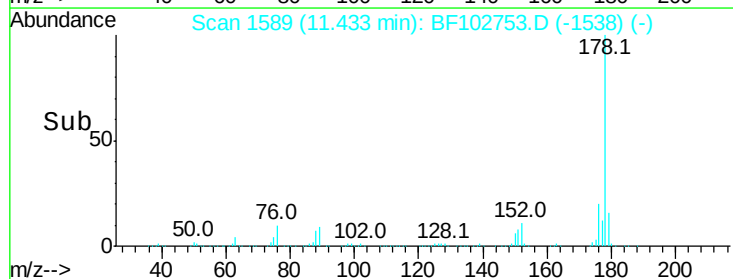
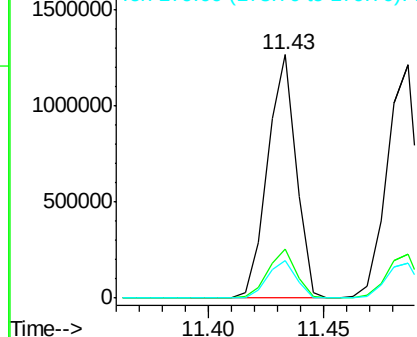


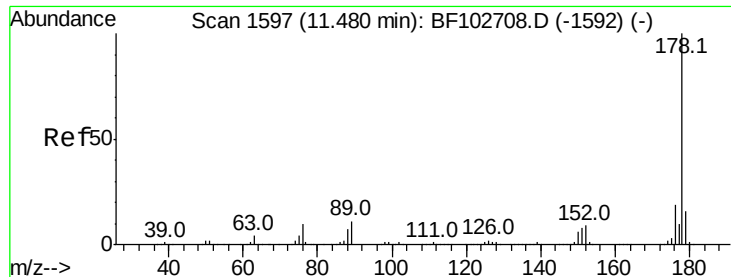
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

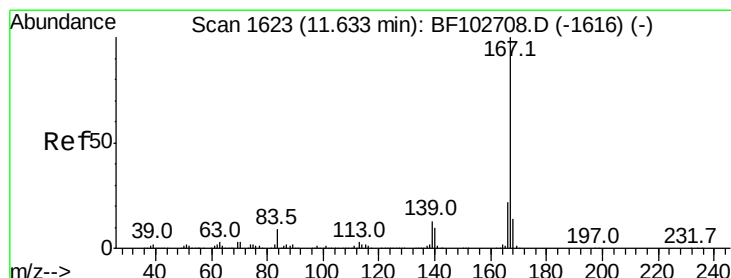
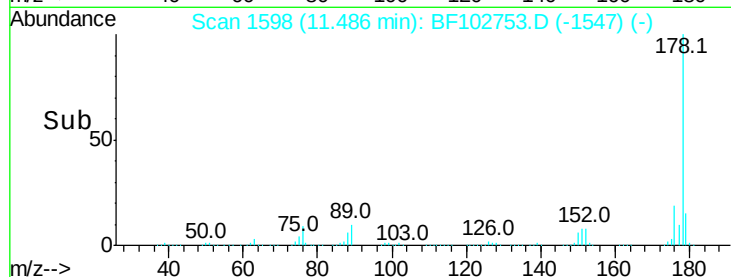
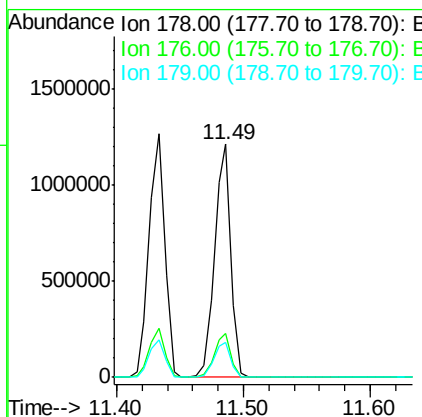
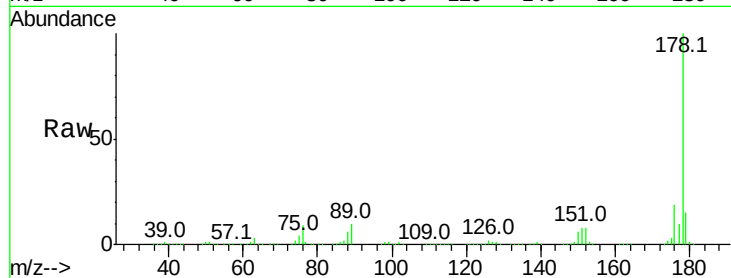




#71
 Anthracene
 Concen: 37.260 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

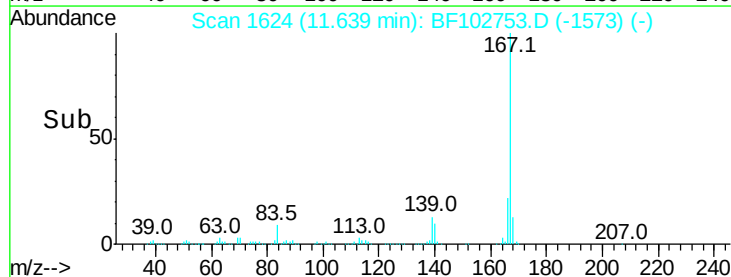
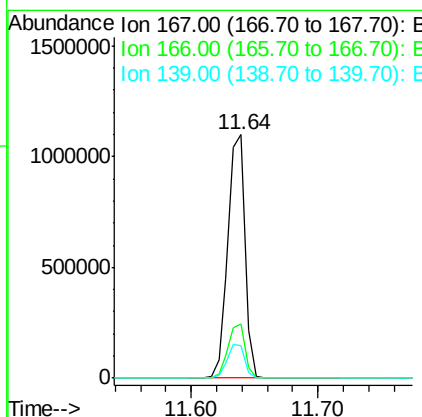
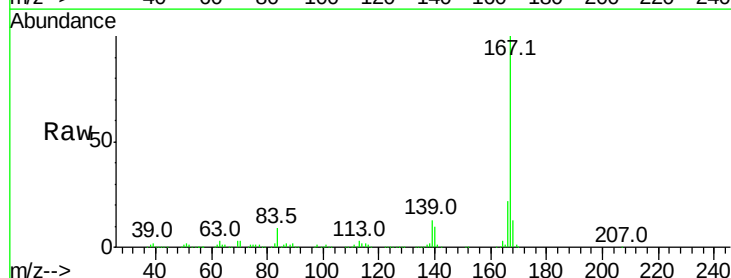
Instrument :
 BNA_F
 ClientSampleId :

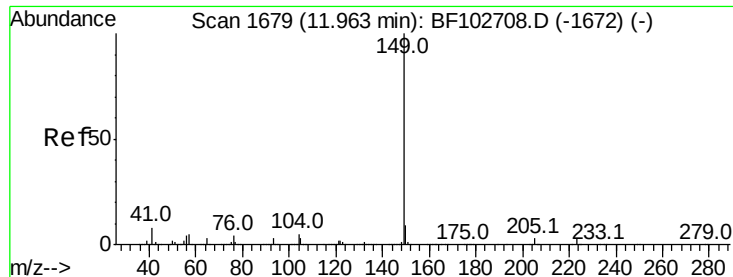
Tot Ion:178 Resp: 1094941
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 35.780 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion:167 Resp: 1030075
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.751 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

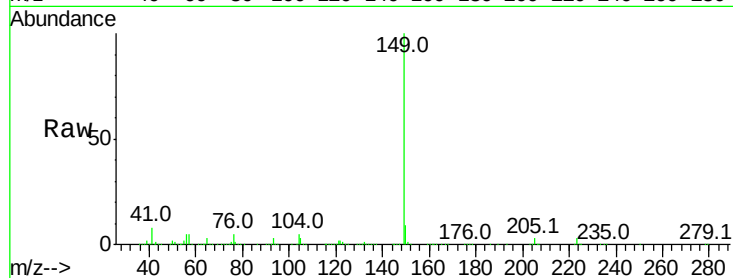
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1460109

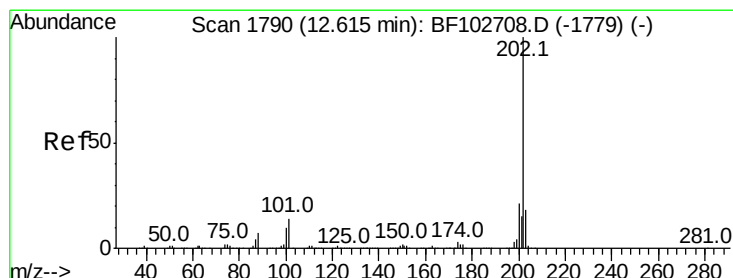
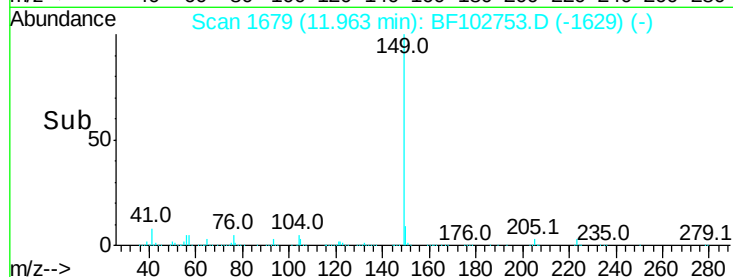
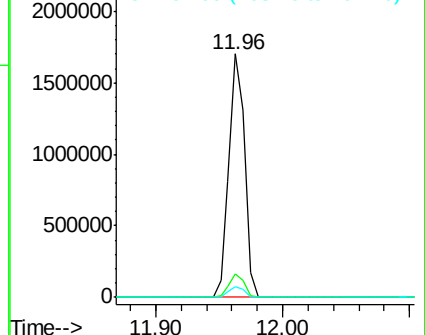
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.6	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.730 ng

RT: 12.62 min Scan# 1791

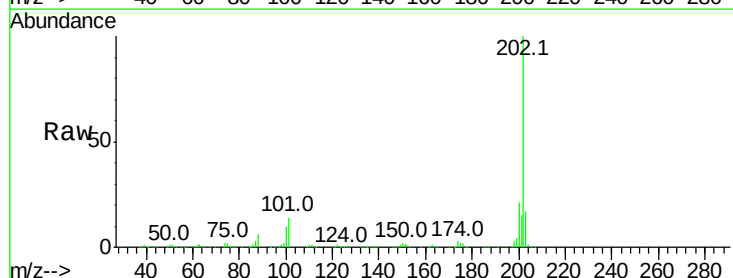
Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Tgt Ion:202 Resp: 922368

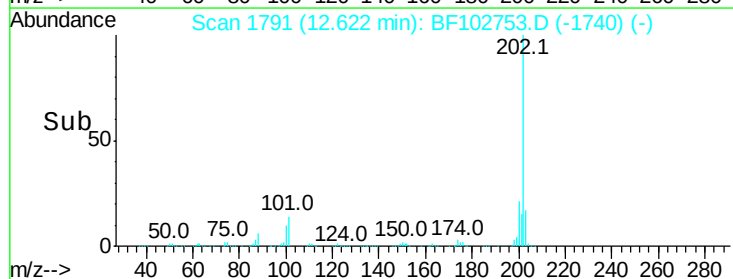
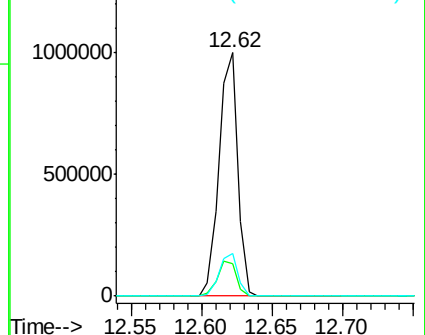
Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.4	0.0	38.1

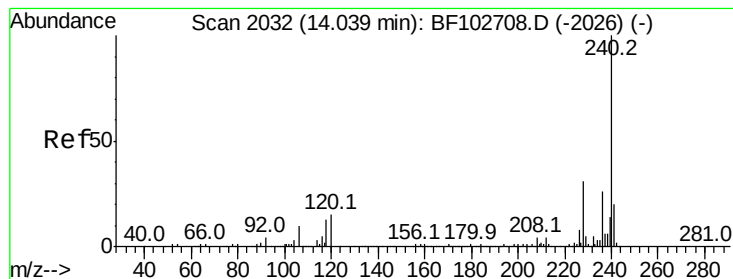


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

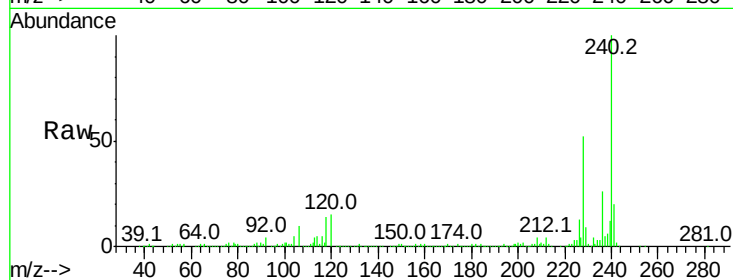
Tot Ion:240 Resp: 315952

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

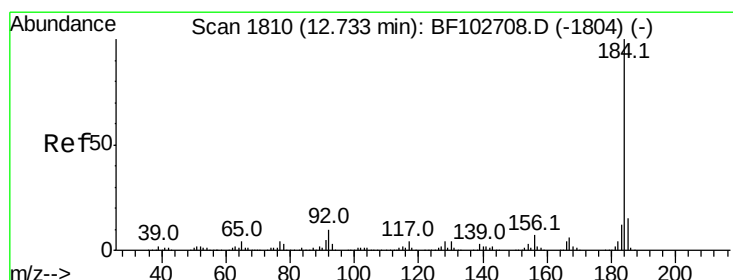
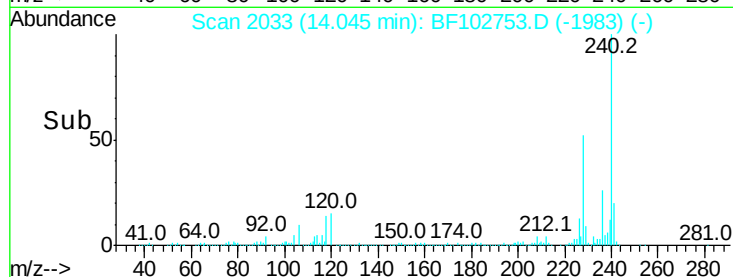
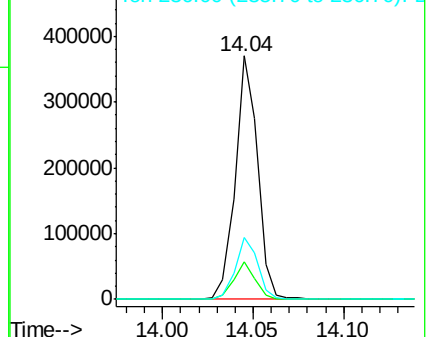
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.349 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

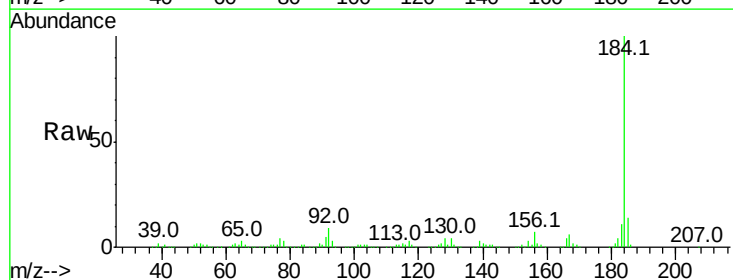
Tgt Ion:184 Resp: 484268

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

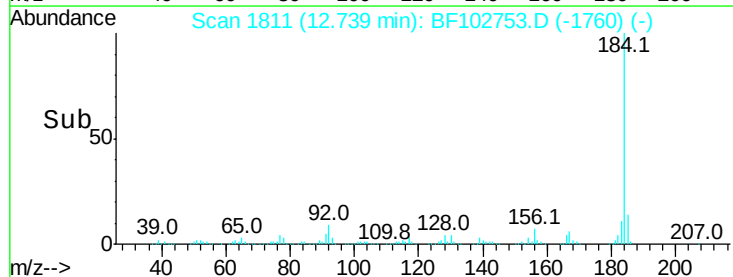
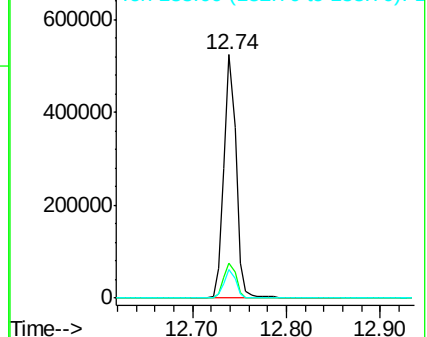
183 11.5 9.3 13.9

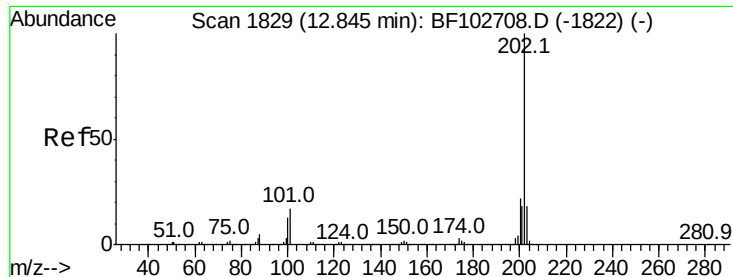


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.541 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

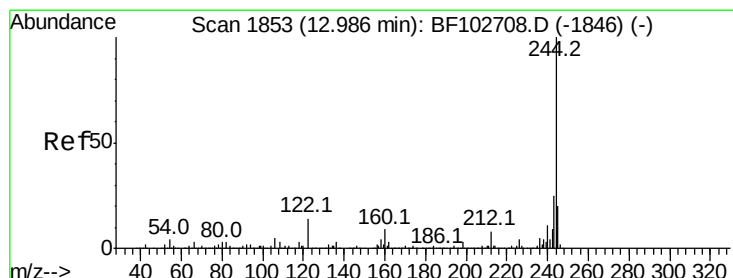
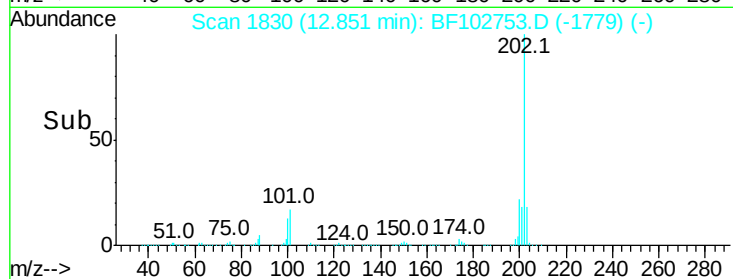
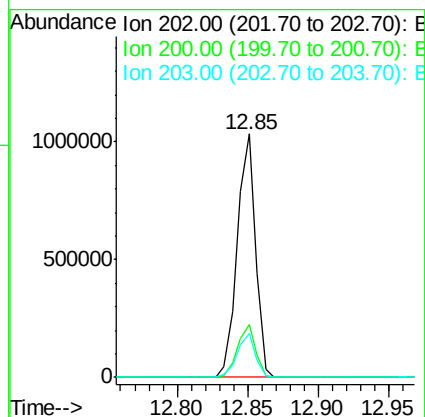
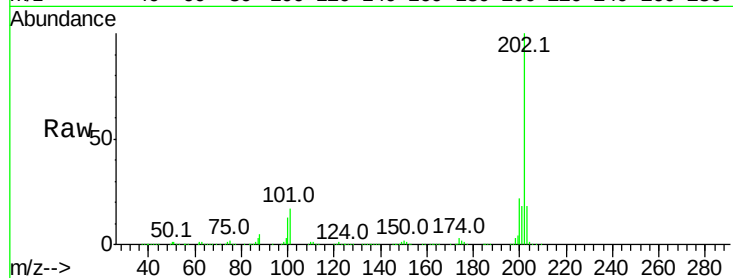
Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 930098

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5



#78

Terphenyl-d14

Concen: 78.523 ng

RT: 12.99 min Scan# 1854

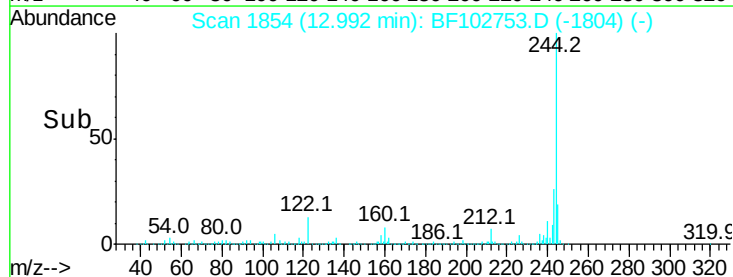
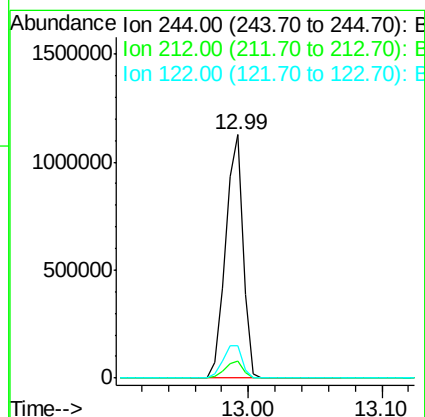
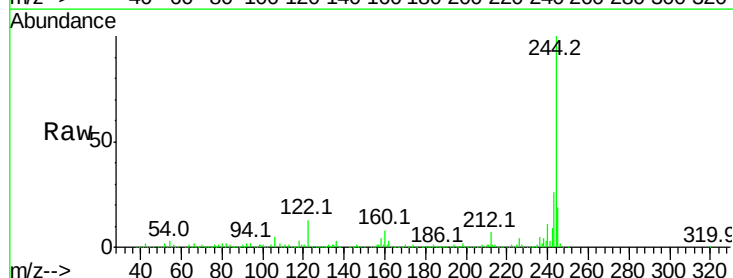
Delta R.T. -0.01 min

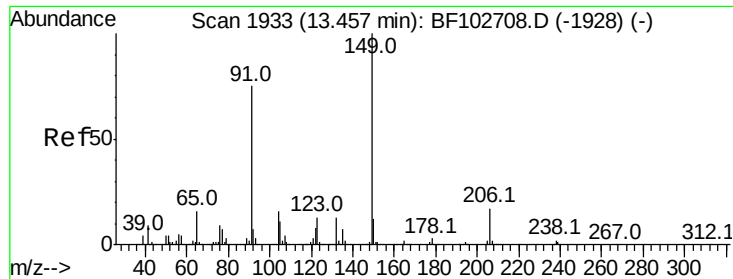
Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Tgt Ion:244 Resp: 1047795

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.4	11.0	16.4

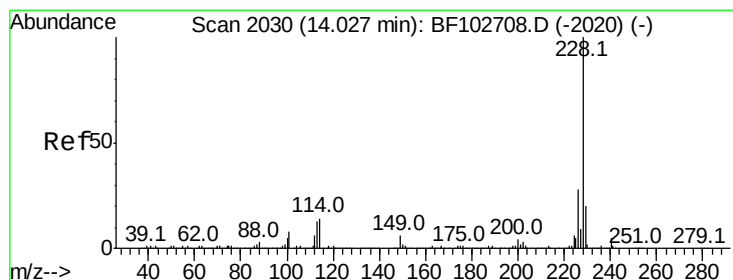
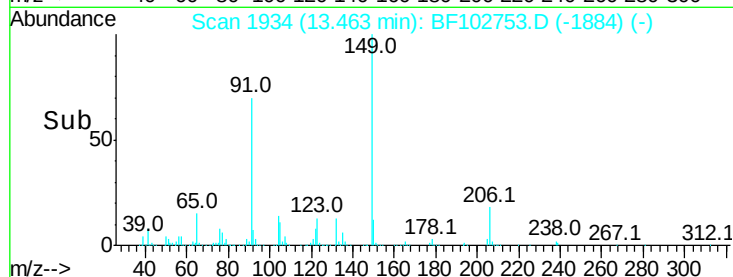
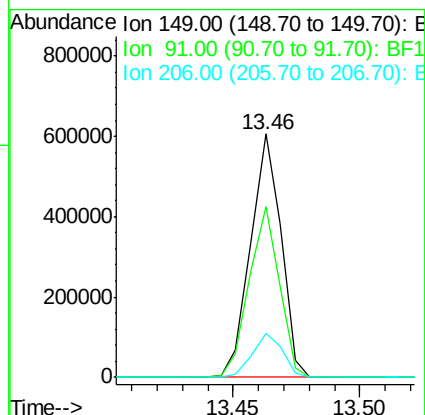
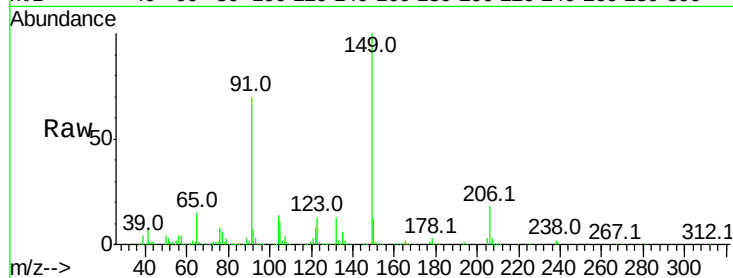




#79
Butylbenzylphthalate
Concen: 42.891 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

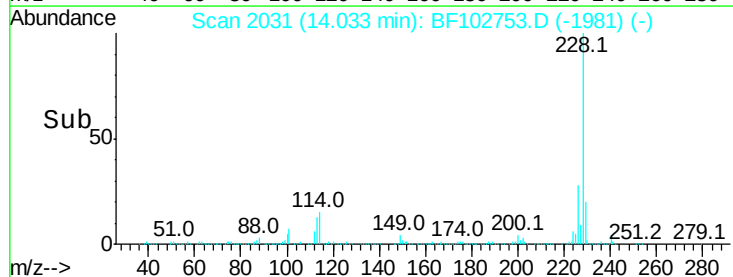
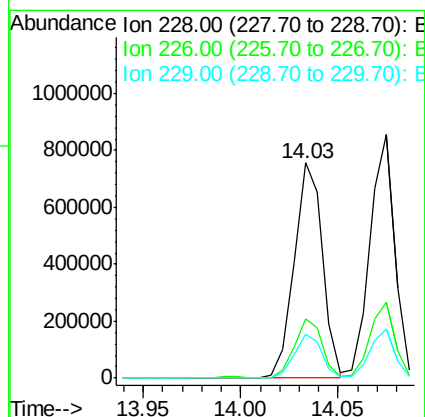
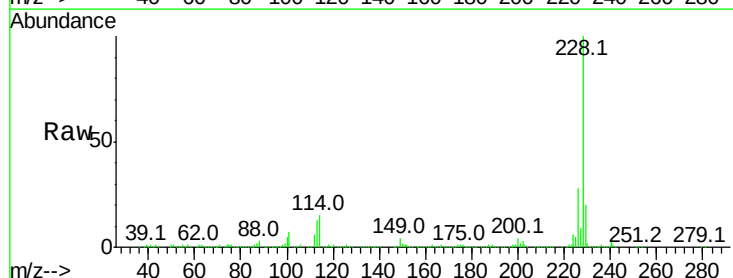
Instrument :
BNA_F
ClientSampleId :

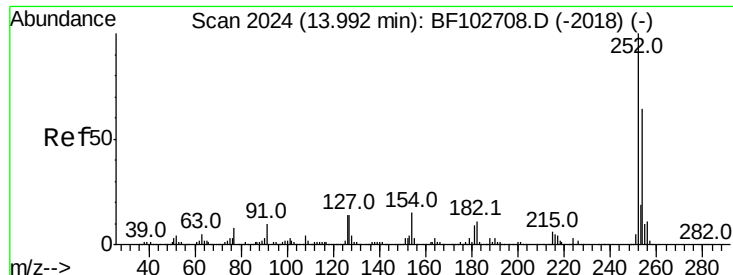
Tot Ion:149 Resp: 506983
Ion Ratio Lower Upper
149 100
91 70.3 56.8 85.2
206 17.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.146 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion:228 Resp: 757985
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.1 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 41.664 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

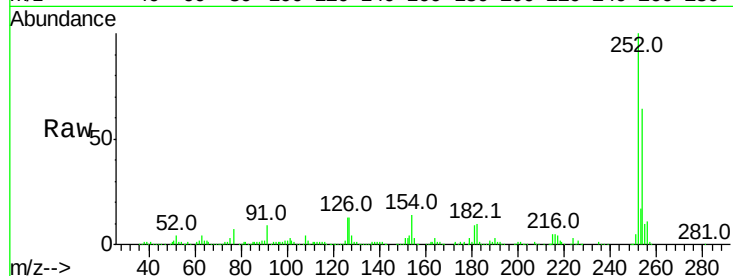
Tot Ion:252 Resp: 306957

Ion Ratio Lower Upper

252 100

254 64.2 50.4 75.6

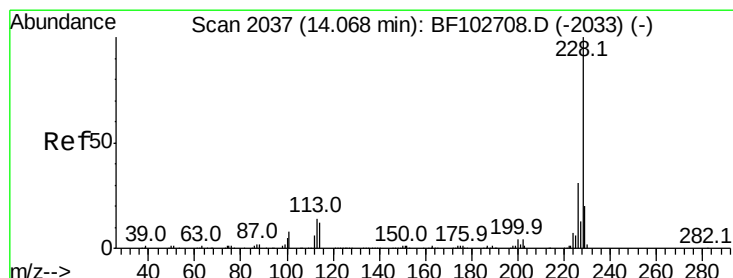
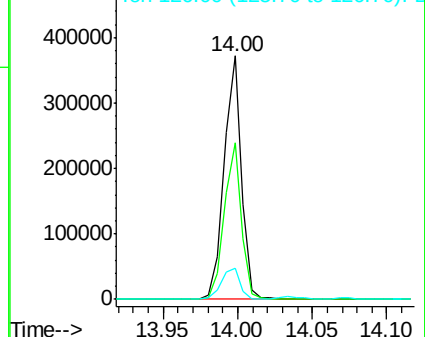
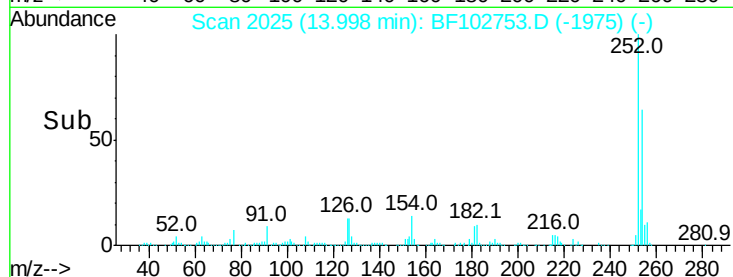
126 12.9 11.3 16.9



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: 37.653 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

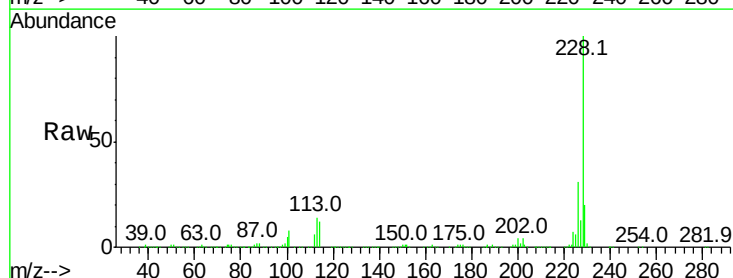
Tgt Ion:228 Resp: 754207

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

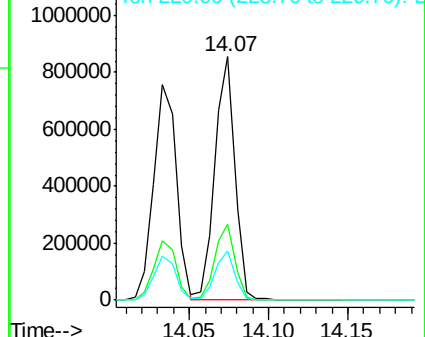
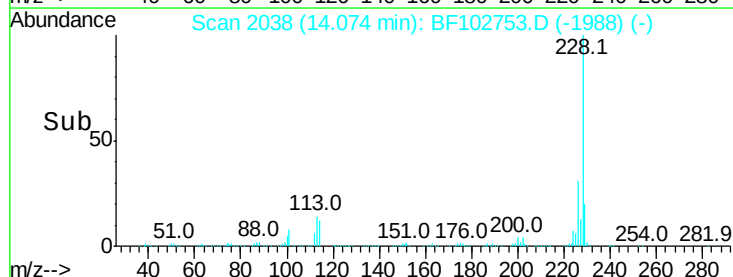
229 20.0 16.2 24.4

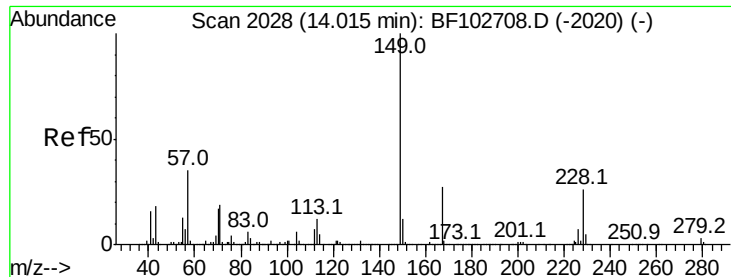


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

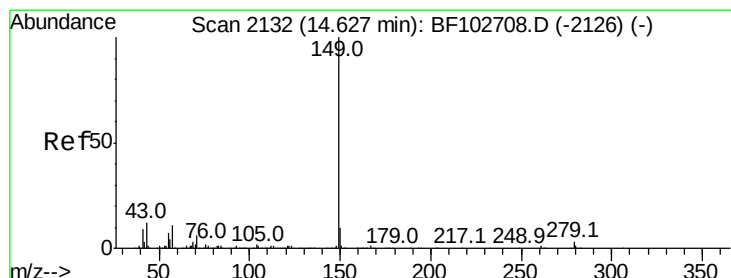
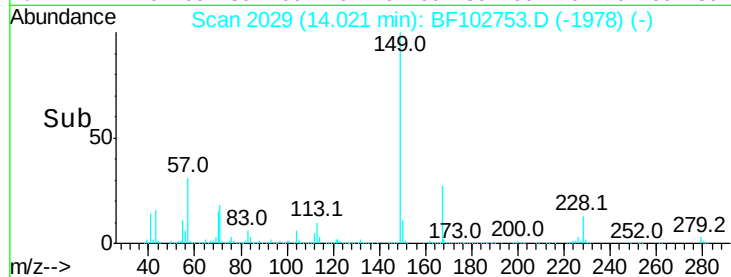
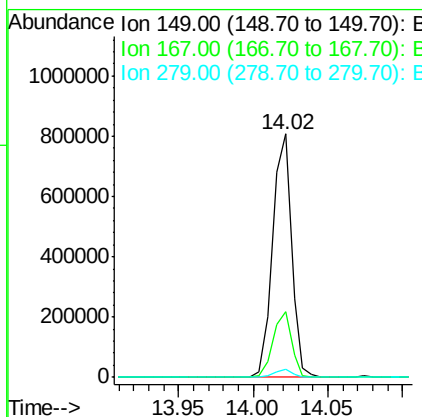
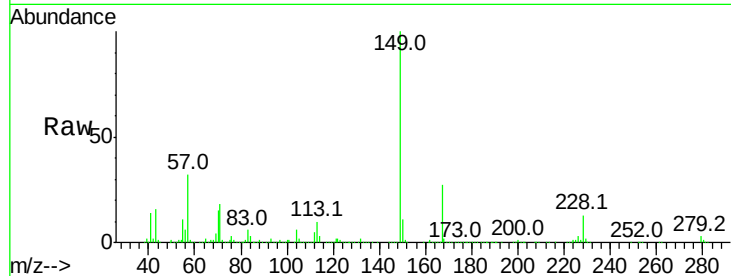




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.971 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

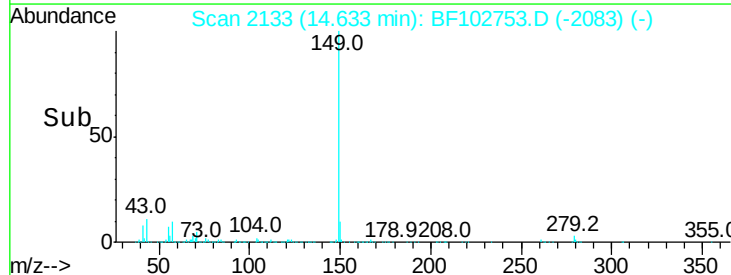
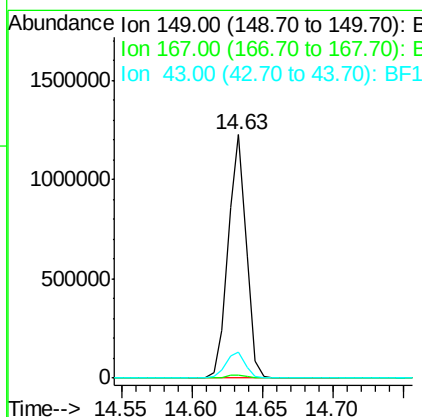
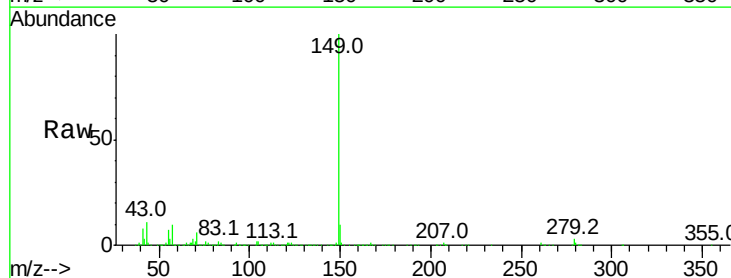
Instrument :
 BNA_F
 ClientSampleId :

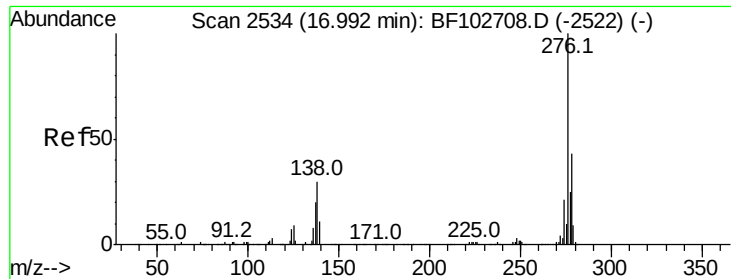
Tot Ion:149 Resp: 712891
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 47.616 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion:149 Resp: 1085121
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.3 8.4 12.6

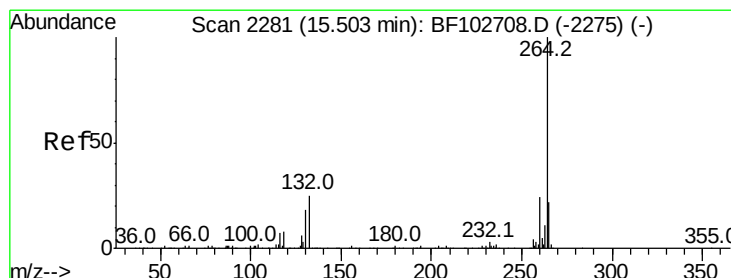
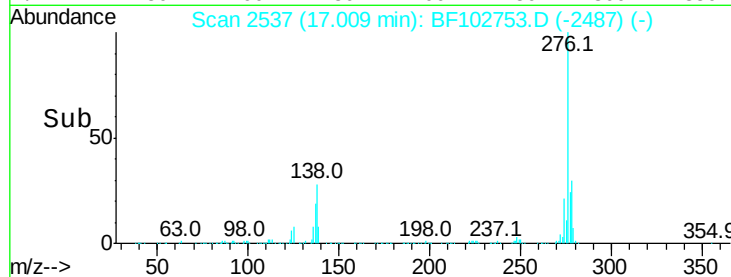
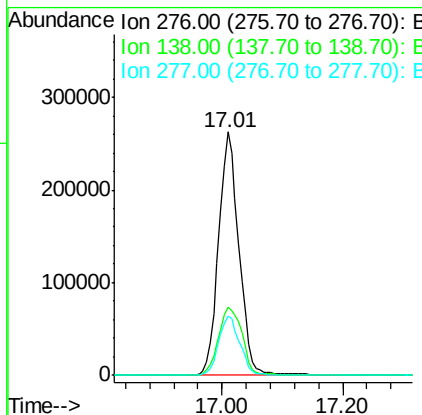
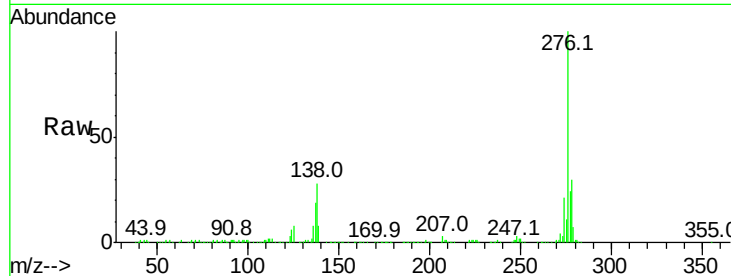




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.046 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

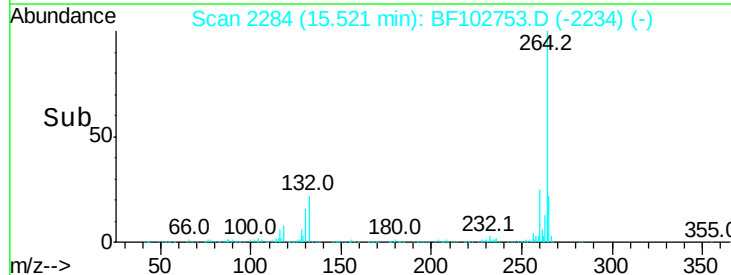
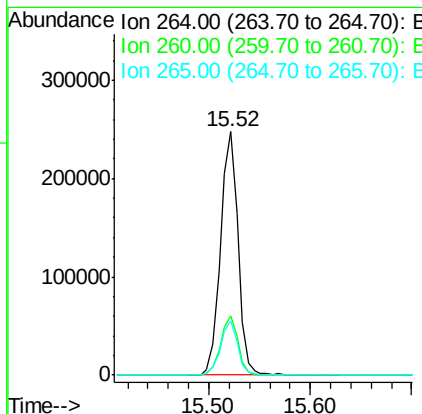
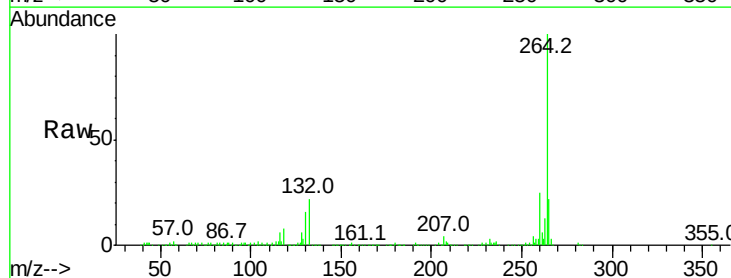
Instrument :
 BNA_F
 ClientSampleId :

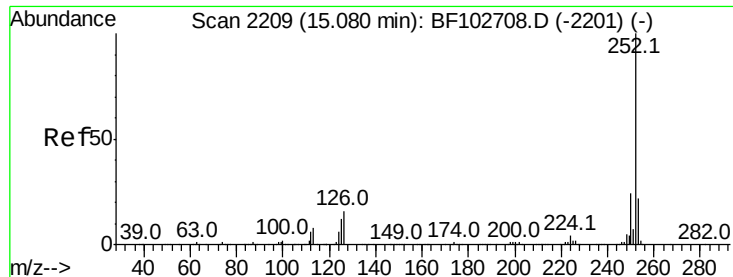
Tot Ion:276 Resp: 615443
 Ion Ratio Lower Upper
 276 100
 138 32.4 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF102753.D
 Acq: 5 Feb 2018 23:03

Tgt Ion:264 Resp: 297731
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 22.0 17.5 26.3

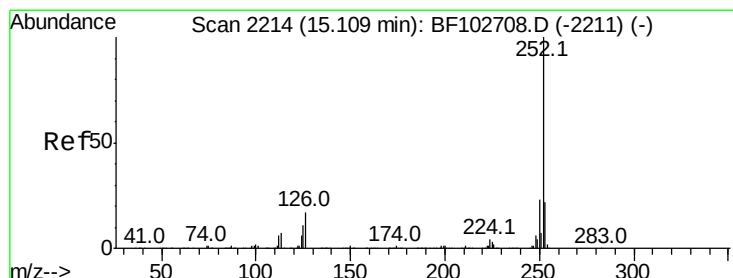
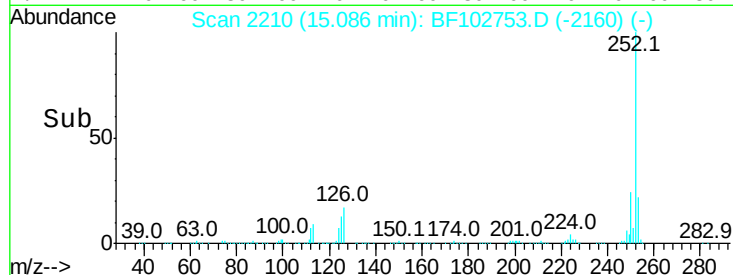
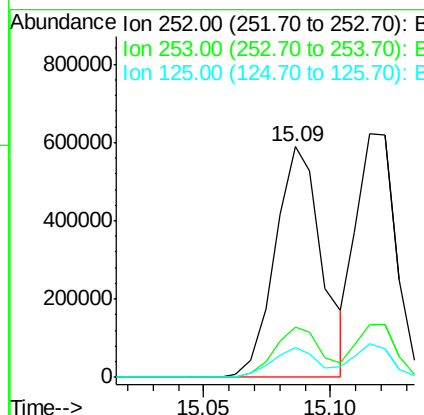
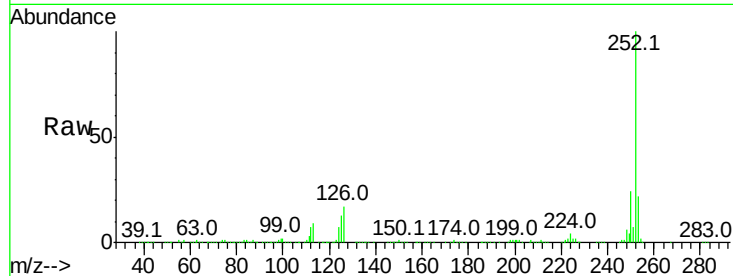




#87
Benzo(b)fluoranthene
Concen: 39.385 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

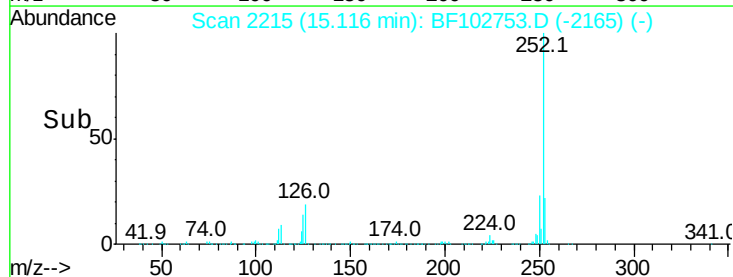
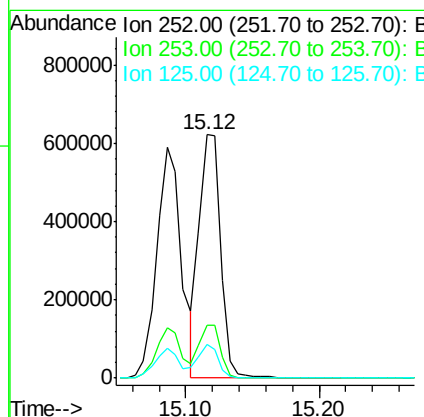
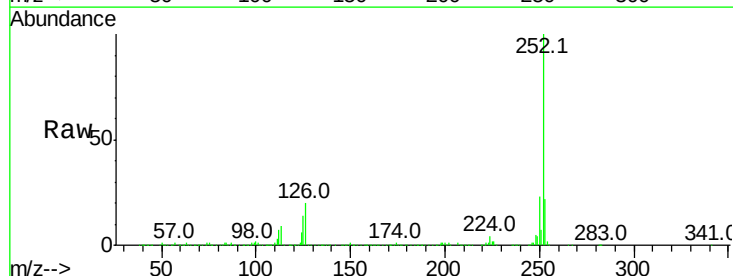
Instrument :
BNA_F
ClientSampleId :

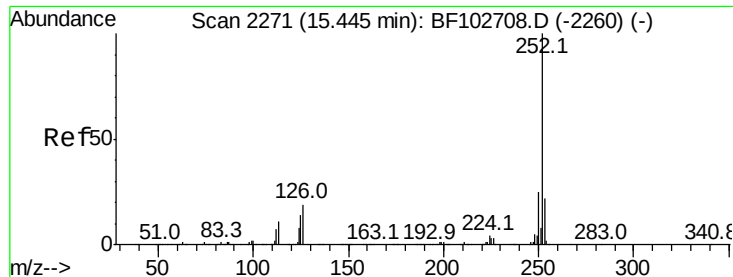
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 37.064 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF102753.D
Acq: 5 Feb 2018 23:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.8	10.2	15.2





#89

Benzo(a)pyrene

Concen: 38.067 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :

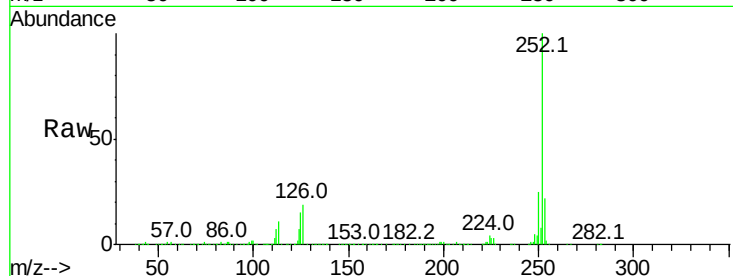
Tot Ion:252 Resp: 661421

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

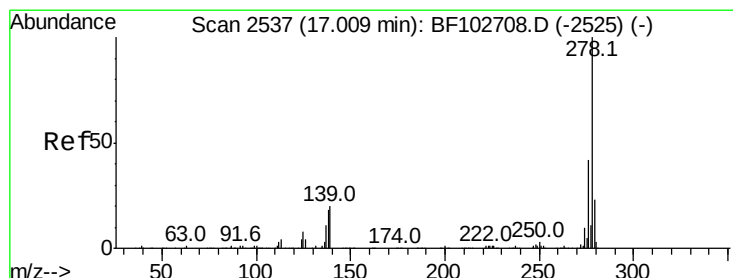
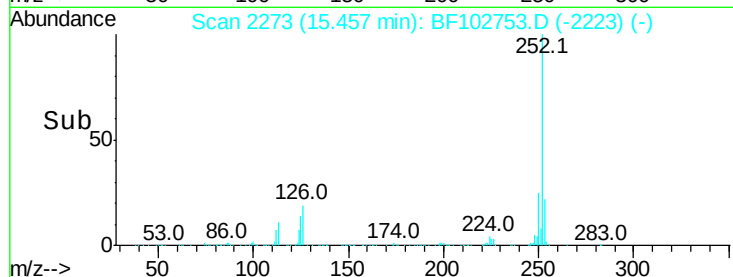
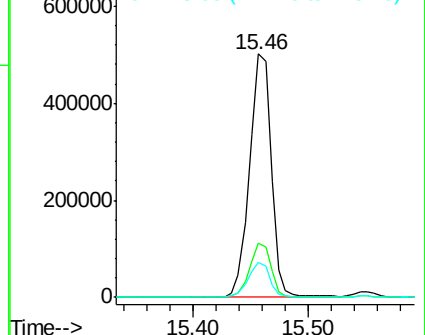
125 14.6 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 37.056 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

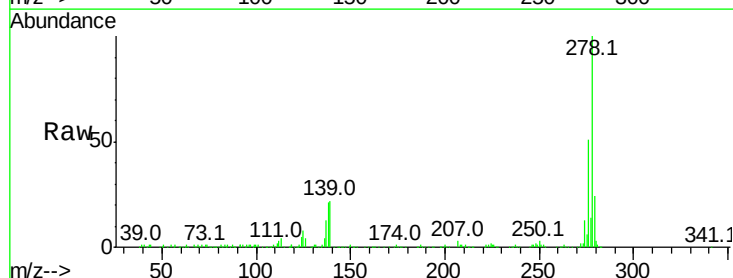
Tgt Ion:278 Resp: 522590

Ion Ratio Lower Upper

278 100

139 21.8 15.9 23.9

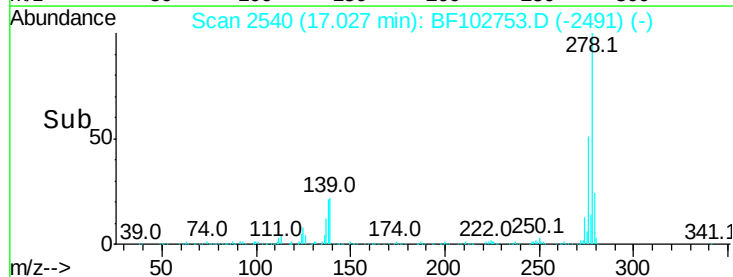
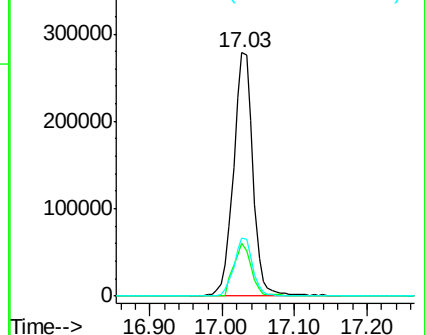
279 24.0 19.0 28.4

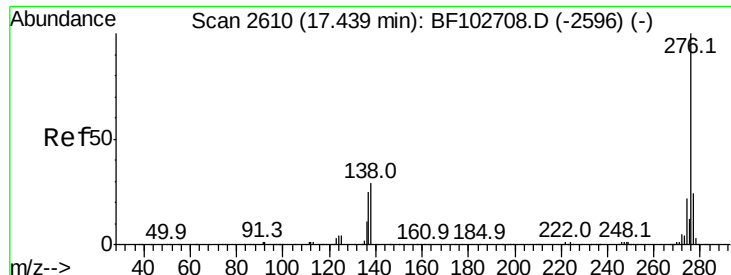


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.952 ng

RT: 17.46 min Scan# 2614

Delta R.T. -0.01 min

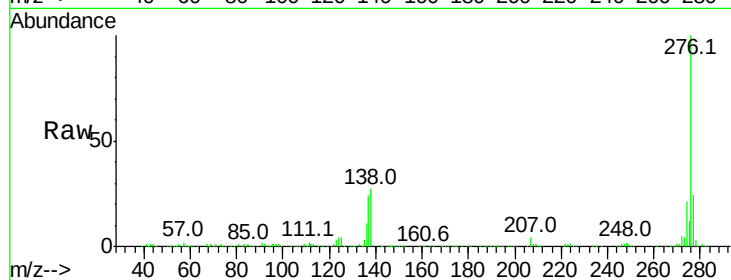
Lab File: BF102753.D

Acq: 5 Feb 2018 23:03

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 482473

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 26.6 21.8 32.8

