

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102754.D
 Acq On : 5 Feb 2018 23:30
 Operator : SJ/JU
 Sample : PB106322BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:44:56 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	190024	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	784817	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	339438	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	520446	20.00	ng	0.00
75) Chrysene-d12	14.04	240	292185	20.00	ng	0.00
86) Perylene-d12	15.52	264	282455	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1521667	121.61	ng	0.02
7) Phenol-d6	6.51	99	1811502	120.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	1151932	101.82	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	347651	127.25	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1872582	91.54	ng	0.00
78) Terphenyl-d14	12.99	244	1303554	105.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	231625	37.478	ng	# 86
3) Pyridine	3.52	79	649518	38.039	ng	88
4) n-Nitrosodimethylamine	3.47	42	335274	45.893	ng	95
6) Aniline	6.55	93	400002	17.978	ng	96
8) 2-Chlorophenol	6.67	128	561727	43.606	ng	96
9) Benzaldehyde	6.43	77	230422	20.595	ng	94
10) Phenol	6.53	94	709700	43.955	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	561734	41.811	ng	90
12) 1,3-Dichlorobenzene	6.82	146	603696	40.469	ng	97
13) 1,4-Dichlorobenzene	6.90	146	605417	40.742	ng	99
14) 1,2-Dichlorobenzene	7.05	146	560790	40.518	ng	99
15) Benzyl Alcohol	7.02	79	498419	43.030	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1041596	40.812	ng	96
17) 2-Methylphenol	7.13	107	496987	41.826	ng	99
18) Hexachloroethane	7.39	117	202817	39.802	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	392498	39.513	ng	95
20) 3+4-Methylphenols	7.28	107	579493	39.548	ng	# 88
22) Acetophenone	7.29	105	774310	40.318	ng	95
24) Nitrobenzene	7.46	77	606964	45.611	ng	98
25) Isophorone	7.70	82	1135629	43.593	ng	100
26) 2-Nitrophenol	7.78	139	302537	54.012	ng	97
27) 2,4-Dimethylphenol	7.82	122	537262	48.816	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	704292	45.638	ng	99
29) 2,4-Dichlorophenol	8.02	162	465193	46.495	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	469563	41.486	ng	98
31) Naphthalene	8.19	128	1593640	41.561	ng	99
32) Benzoic acid	7.93	122	302778	41.393	ng	96
33) 4-Chloroaniline	8.23	127	157650	9.544	ng	99
34) Hexachlorobutadiene	8.30	225	236593	40.792	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	510116	45.378	ng	95
37) 2-Methylnaphthalene	8.88	142	1056198	42.072	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	404762	43.794	ng	98
40) Hexachlorocyclopentadiene	9.03	237	193171	43.967	ng	98
42) 2,4,6-Trichlorophenol	9.16	196	300648	49.525	ng	97

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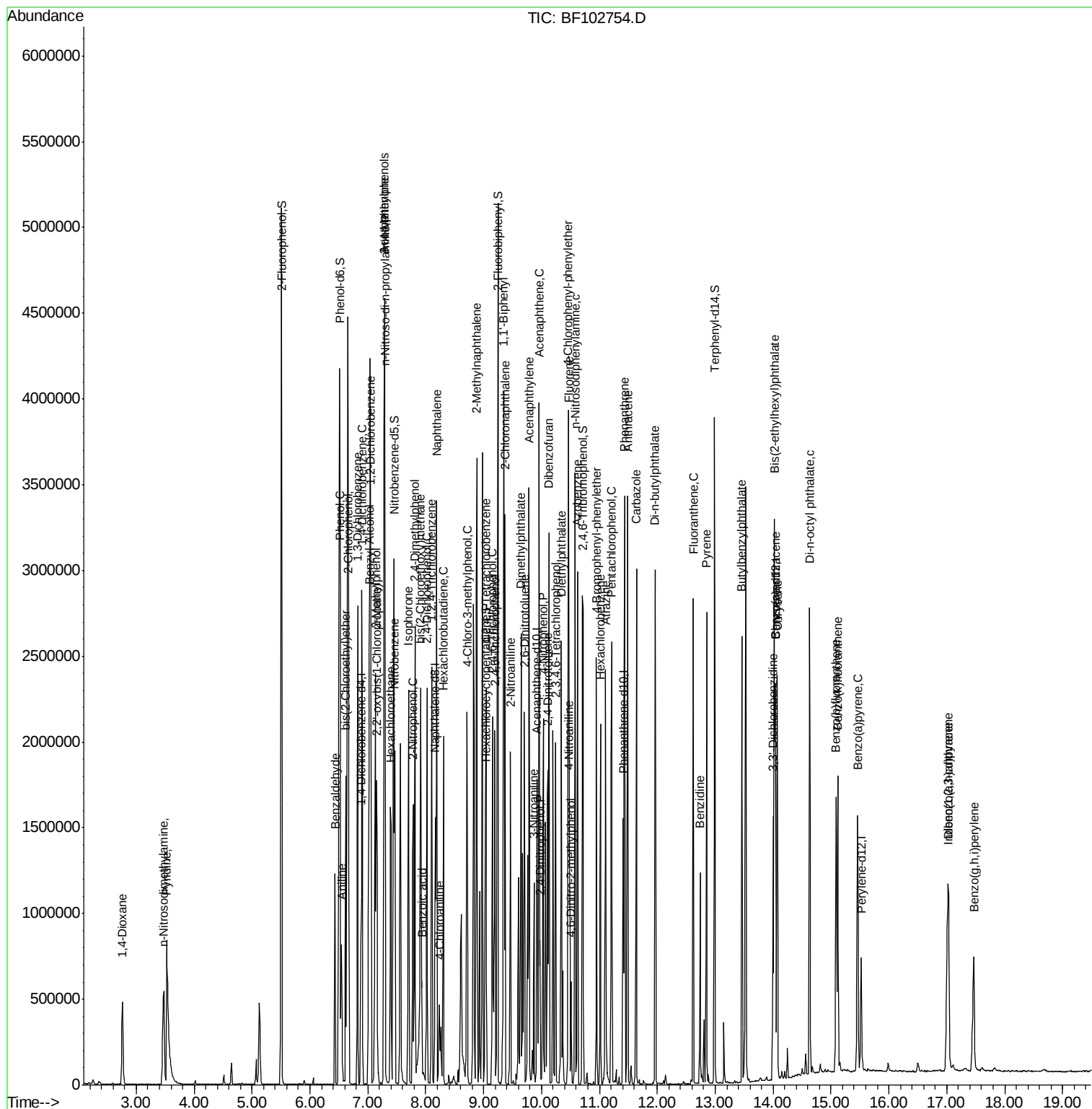
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	311833	45.575	nq	98
45) 1,1'-Biphenyl	9.35	154	1204328	42.124	nq	99
46) 2-Chloronaphthalene	9.37	162	946727	42.062	nq	99
47) 2-Nitroaniline	9.46	65	340868	49.000	nq	90
48) Acenaphthylene	9.79	152	1409631	40.323	nq	99
49) Dimethylphthalate	9.65	163	1145840	43.294	nq	100
50) 2,6-Dinitrotoluene	9.70	165	249028	49.456	nq	96
51) Acenaphthene	9.96	154	873157	41.765	nq	98
52) 3-Nitroaniline	9.87	138	167582	27.048	nq	99
53) 2,4-Dinitrophenol	9.97	184	79377	58.369	nq	# 19
54) Dibenzofuran	10.13	168	1241476	42.137	nq	97
55) 4-Nitrophenol	10.03	139	413901	81.227	nq	94
56) 2,4-Dinitrotoluene	10.11	165	324425	48.038	nq	# 92
57) Fluorene	10.47	166	898522	41.916	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	230142	48.531	nq	99
59) Diethylphthalate	10.35	149	1100778	42.122	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	412688	43.520	nq	98
61) 4-Nitroaniline	10.49	138	228510	38.748	nq	94
62) Azobenzene	10.62	77	1055092	40.414	nq	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	59426	32.325	nq	95
65) n-Nitrosodiphenylamine	10.58	169	861541	46.931	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	261084	47.424	nq	97
67) Hexachlorobenzene	11.02	284	266870	43.941	nq	96
68) Atrazine	11.10	200	255620	47.200	nq	98
69) Pentachlorophenol	11.21	266	260788	73.148	nq	98
70) Phenanthrene	11.43	178	1210914	41.777	nq	99
71) Anthracene	11.49	178	1243499	42.180	nq	99
72) Carbazole	11.64	167	1143147	39.580	nq	99
73) Di-n-butylphthalate	11.96	149	1620309	46.184	nq	100
74) Fluoranthene	12.62	202	1049533	35.989	nq	100
76) Benzidine	12.74	184	436617	32.513	nq	99
77) Pyrene	12.85	202	1036376	45.233	nq	100
79) Butylbenzylphthalate	13.46	149	571881	52.092	nq	99
80) Benzo(a)anthracene	14.03	228	812478	44.215	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	287886	42.254	nq	98
82) Chrysene	14.07	228	783702	42.308	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	774904	55.210	nq	99
84) Di-n-octyl phthalate	14.63	149	1240432	58.859	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	701099	45.635	nq	99
87) Benzo(b)fluoranthene	15.09	252	833085	45.492	nq	98
88) Benzo(k)fluoranthene	15.12	252	758582	43.354	nq	98
89) Benzo(a)pyrene	15.46	252	761327	46.187	nq	98
90) Dibenzo(a,h)anthracene	17.03	278	605774	45.277	nq	99
91) Benzo(g,h,i)perylene	17.47	276	559867	42.753	nq	97

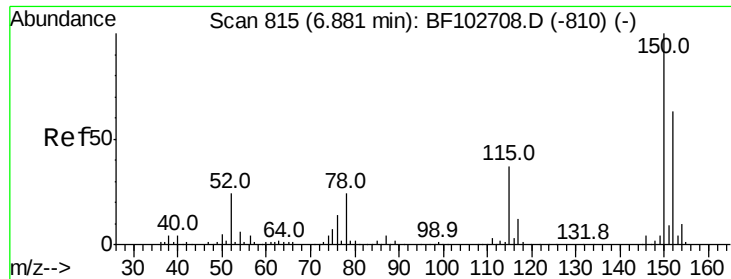
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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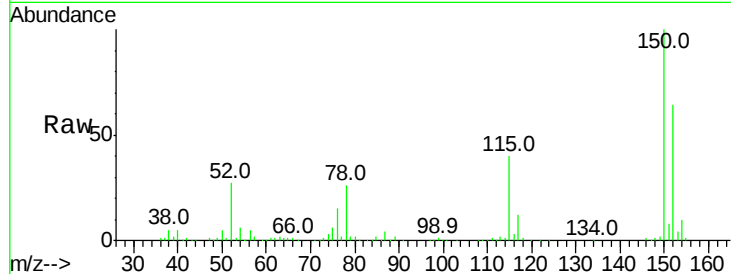


#1

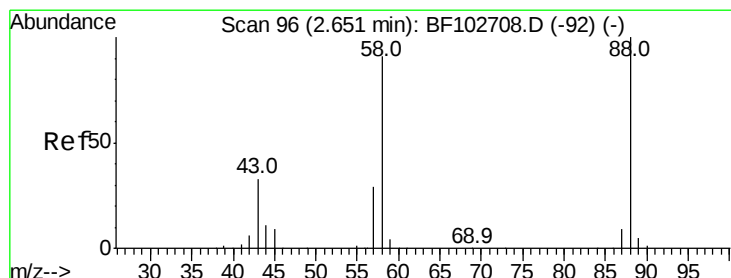
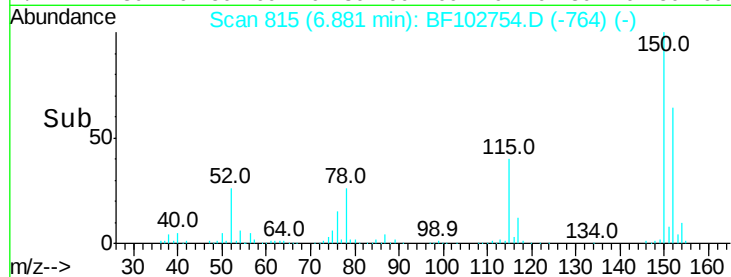
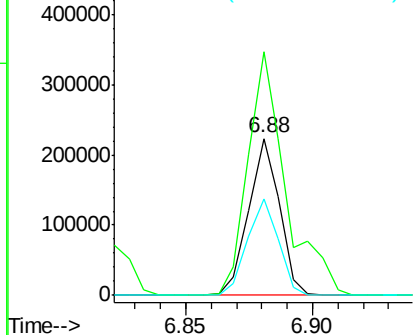
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 190024
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 61.7 50.1 75.1



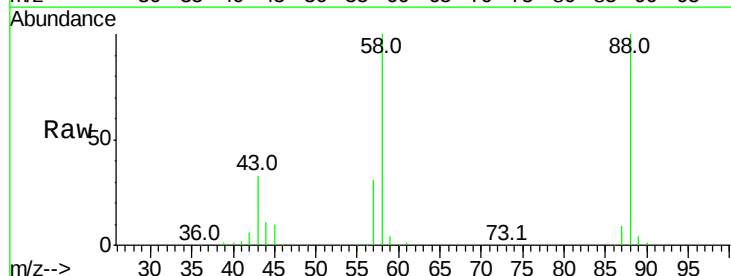
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



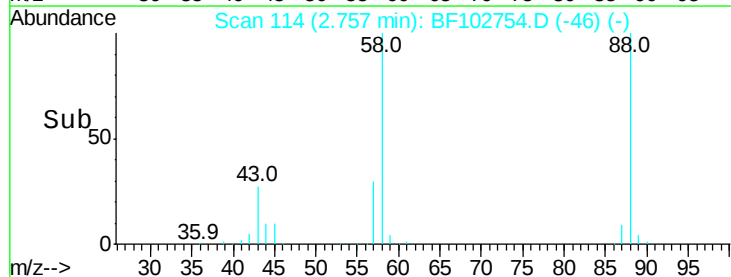
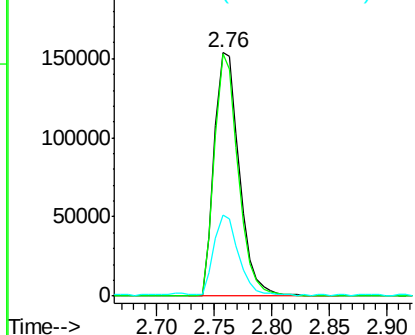
#2

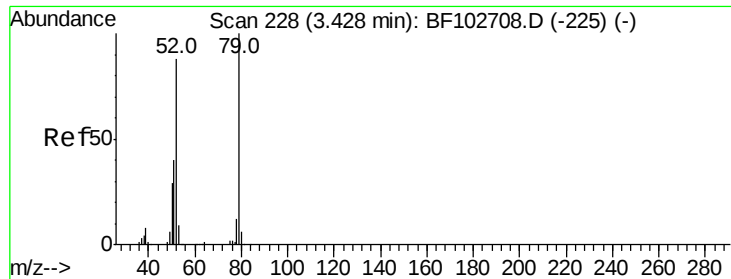
1,4-Dioxane
Concen: 37.478 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.10 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion: 88 Resp: 231625
Ion Ratio Lower Upper
88 100
58 94.4 62.6 93.8#
43 32.0 24.6 37.0



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





#3

Pvridine

Concen: 38.039 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.09 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

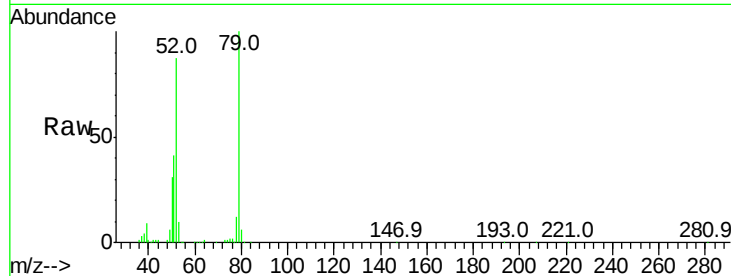
Tot Ion: 79 Resp: 649518

Ion Ratio Lower Upper

79 100

52 87.3 59.8 89.6

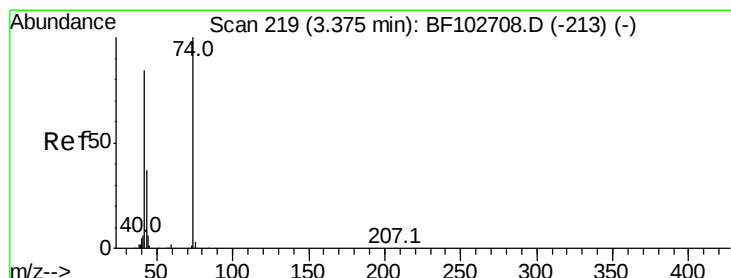
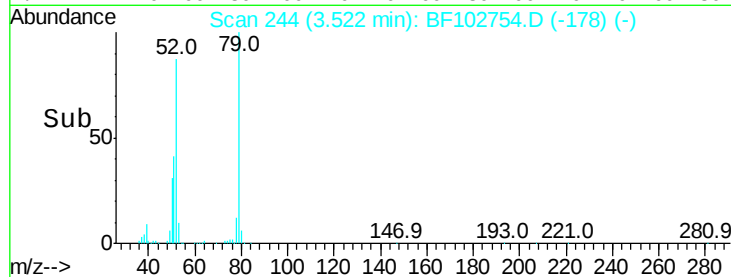
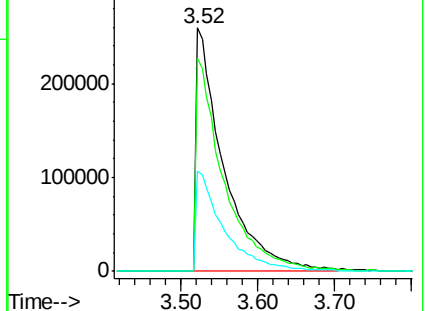
51 41.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.893 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.09 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

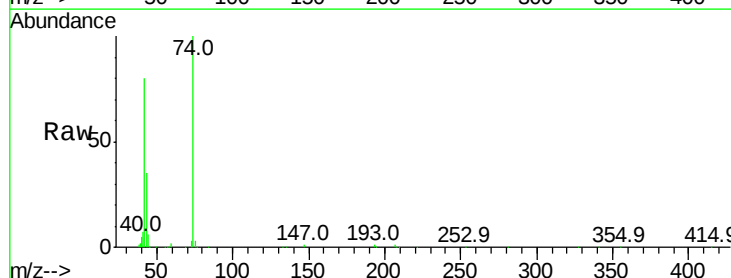
Tgt Ion: 42 Resp: 335274

Ion Ratio Lower Upper

42 100

74 125.3 104.9 157.3

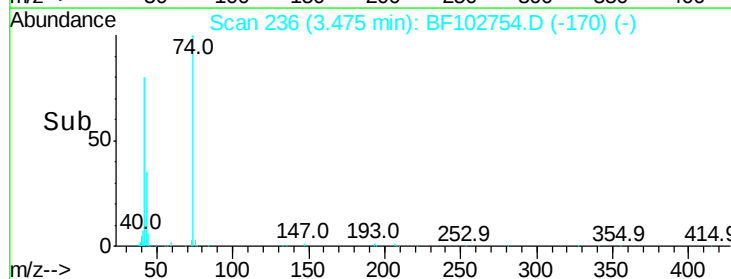
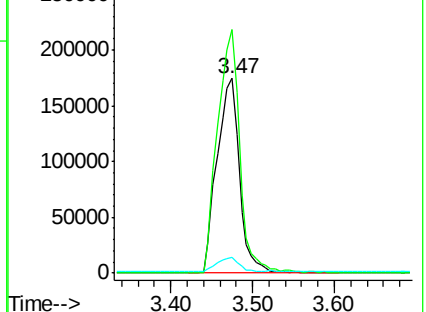
44 8.0 6.9 10.3

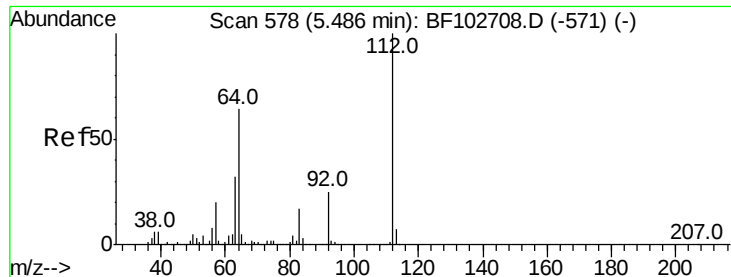


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.611 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

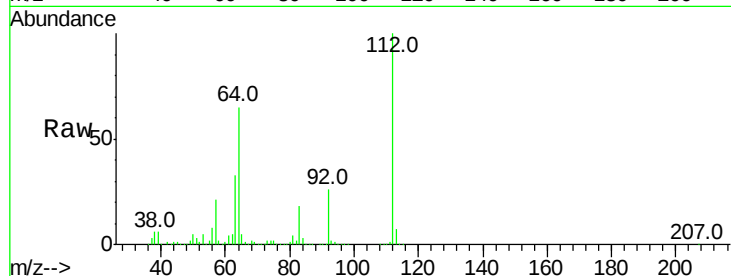
Tot Ion:112 Resp: 1521667

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

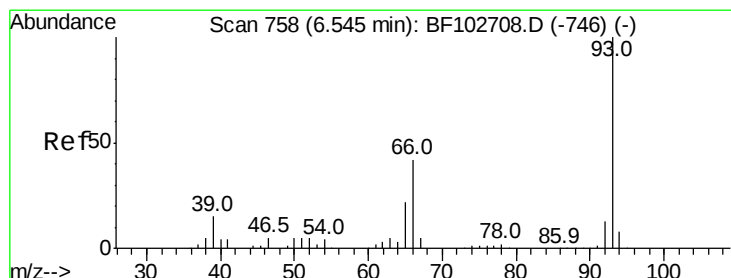
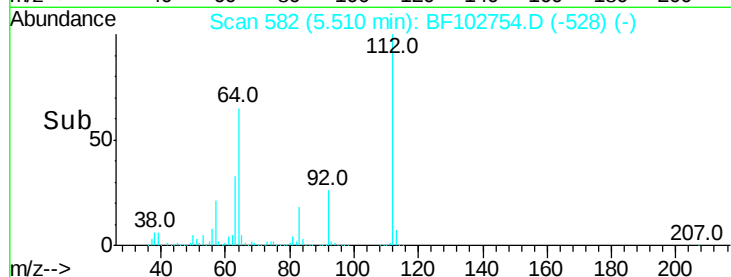
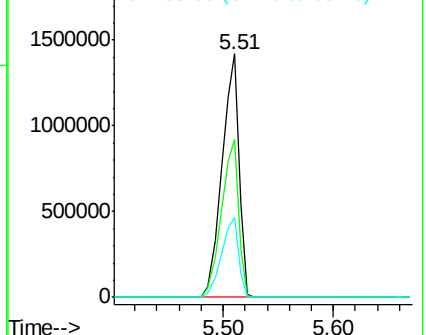
63 32.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.978 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

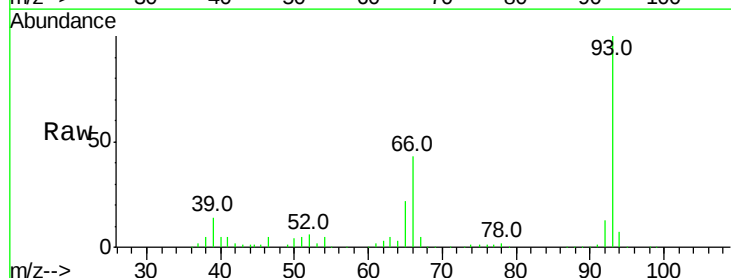
Tgt Ion: 93 Resp: 400002

Ion Ratio Lower Upper

93 100

66 43.0 32.2 48.2

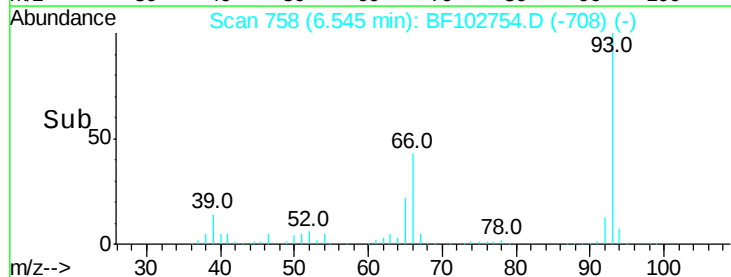
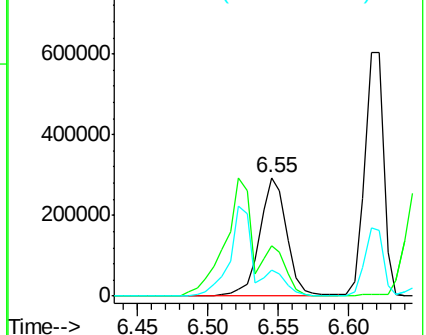
65 21.6 16.4 24.6

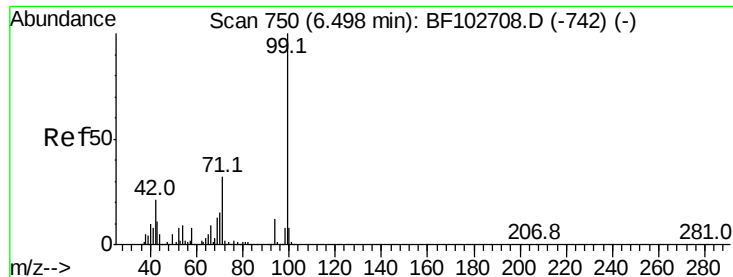


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.238 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

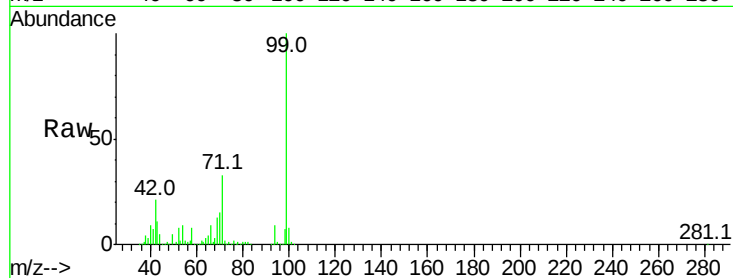
Instrument :

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ClientSampleId :

Tot Ion: 99 Resp: 1811502

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	33.3	25.4	38.0

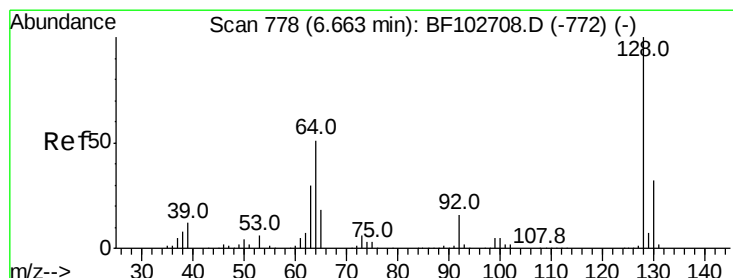
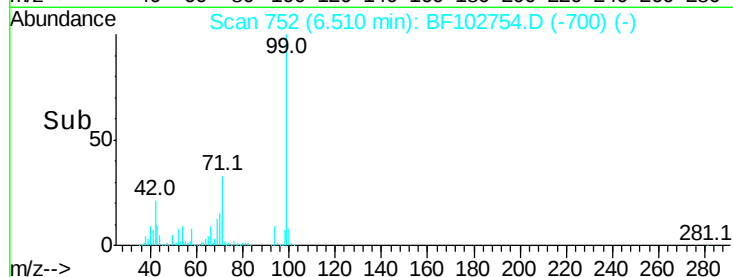
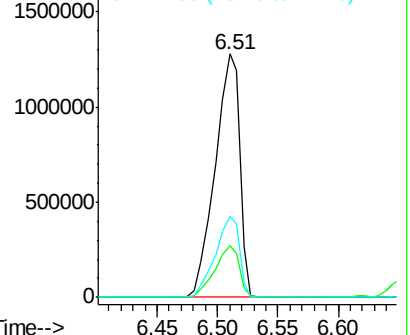


Abundance

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: 43.606 ng

RT: 6.67 min Scan# 779

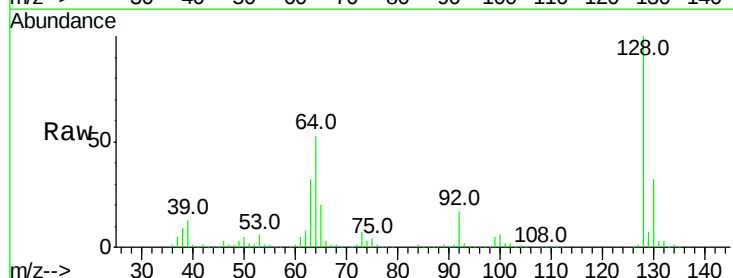
Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion: 128 Resp: 561727

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	53.3	29.4	69.4

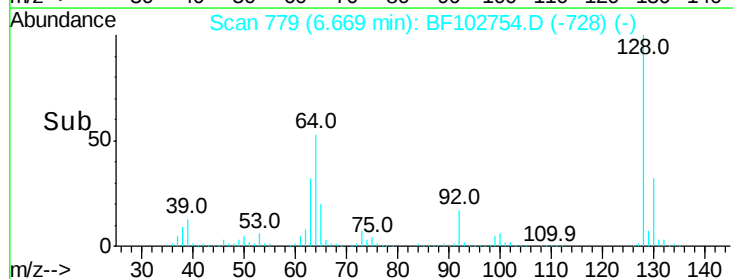
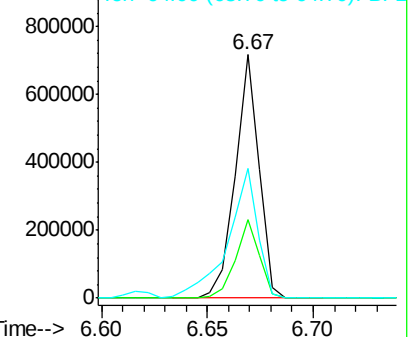


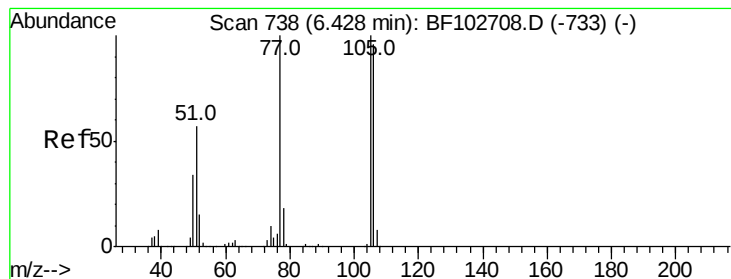
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.595 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

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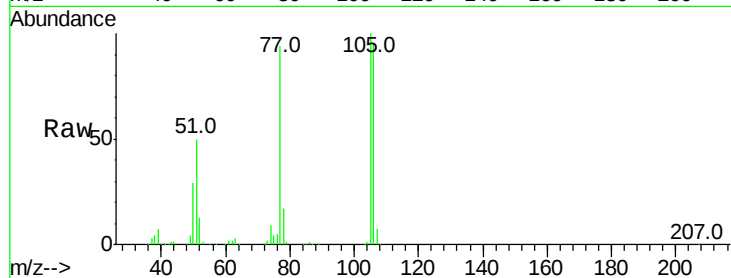
Tot Ion: 77 Resp: 230422

Ion Ratio Lower Upper

77 100

105 106.2 81.1 121.1

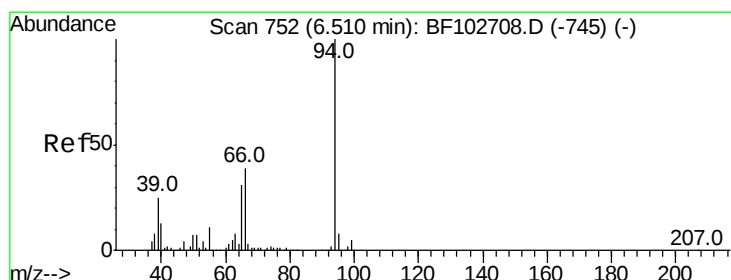
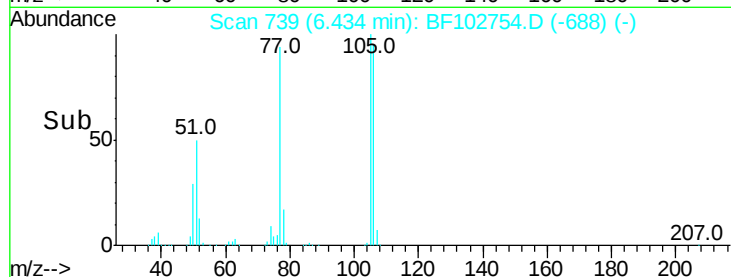
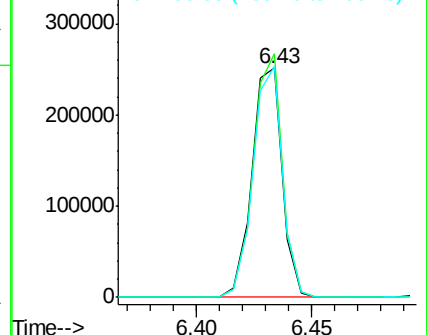
106 100.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.955 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

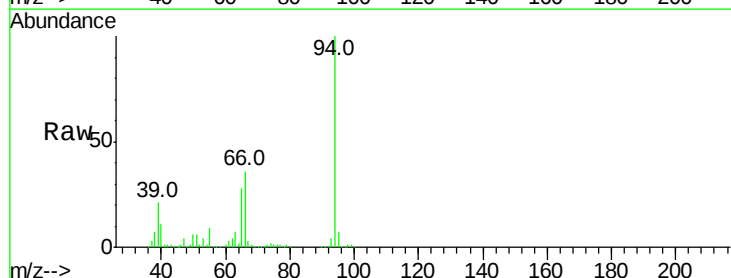
Tgt Ion: 94 Resp: 709700

Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

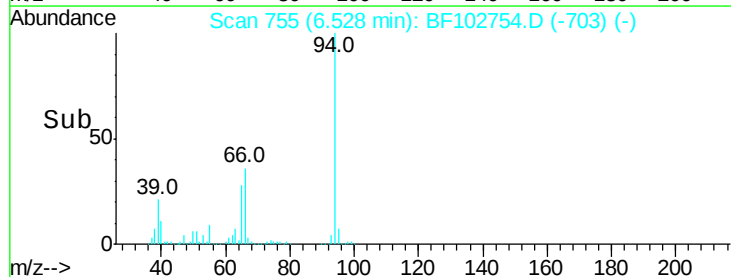
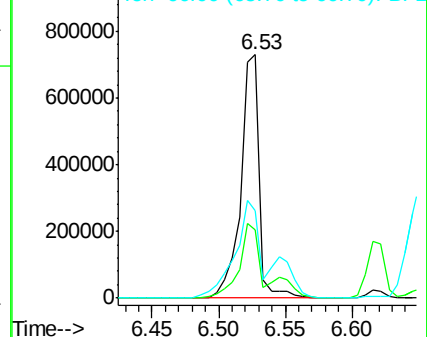
66 35.7 16.2 56.2

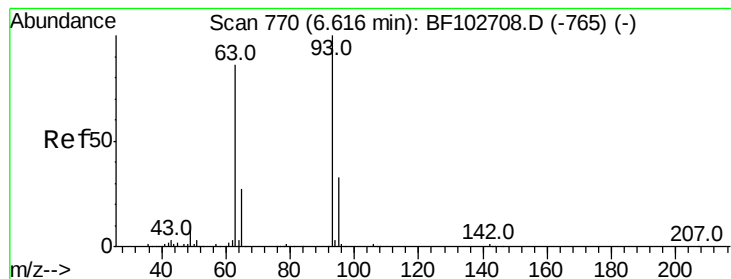


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.811 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

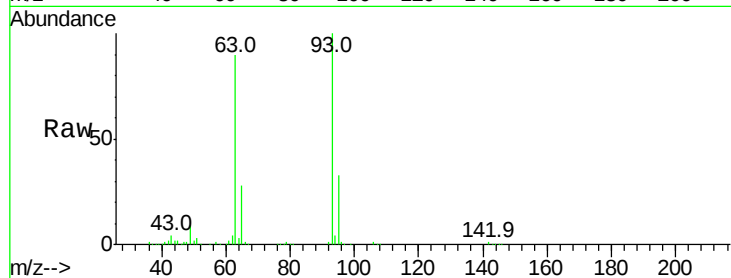
Tot Ion: 93 Resp: 561734

Ion Ratio Lower Upper

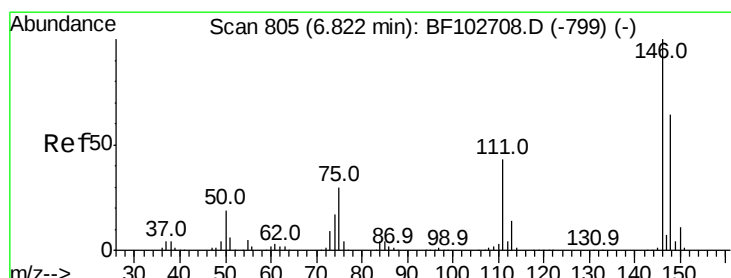
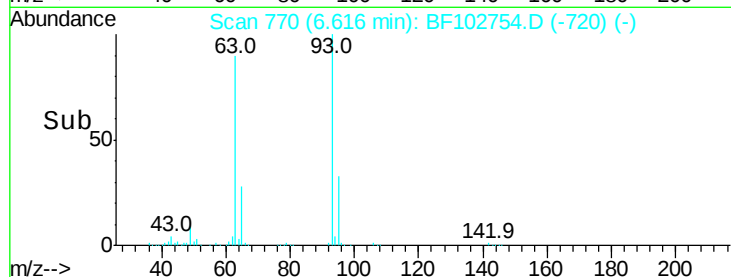
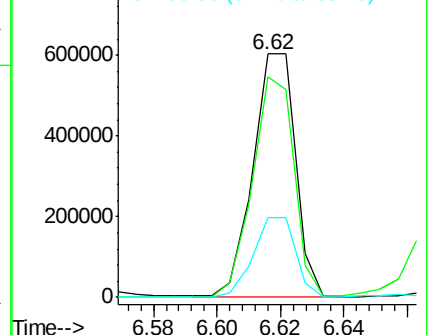
93 100

63 90.4 58.6 98.6

95 32.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.469 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

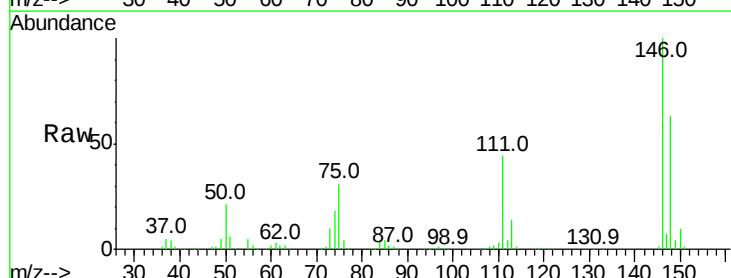
Tgt Ion: 146 Resp: 603696

Ion Ratio Lower Upper

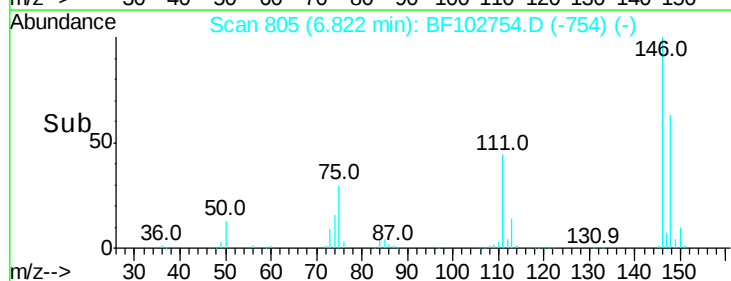
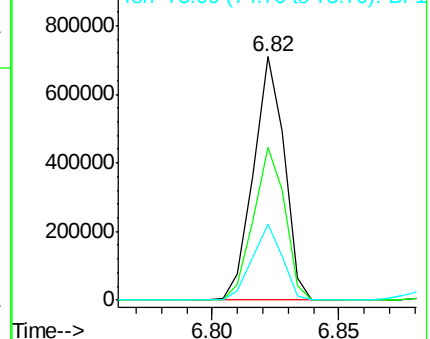
146 100

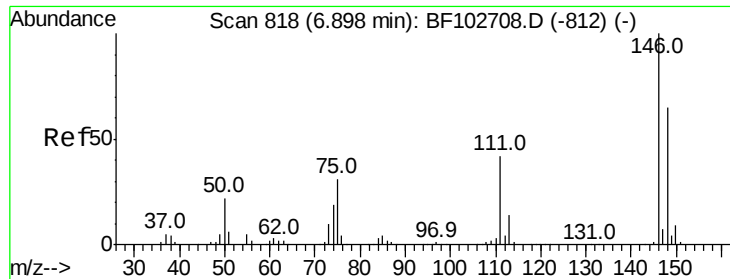
148 62.5 51.8 77.8

75 31.3 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

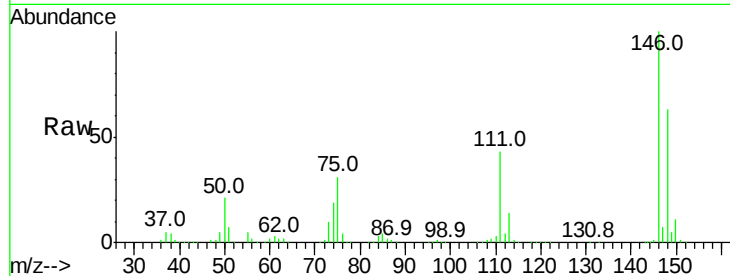




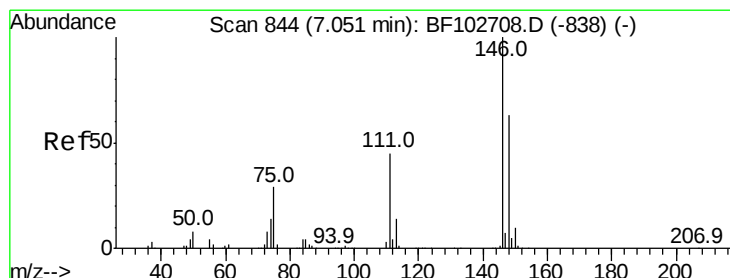
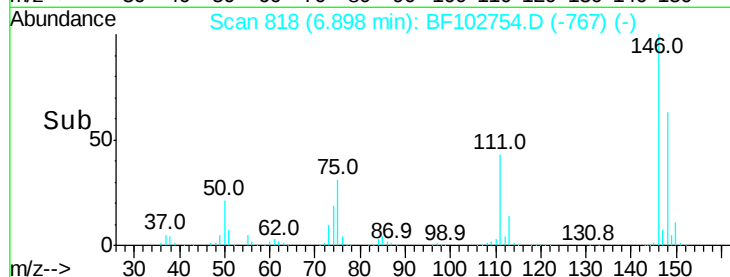
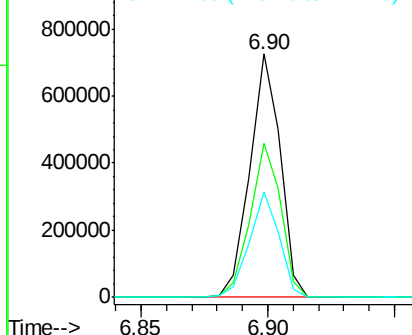
#13
 1,4-Dichlorobenzene
 Concen: 40.742 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	43.0	34.2	51.2

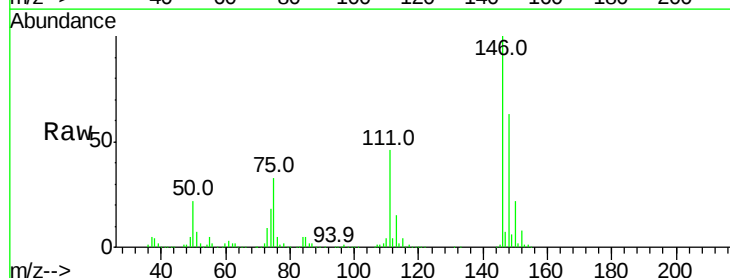


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

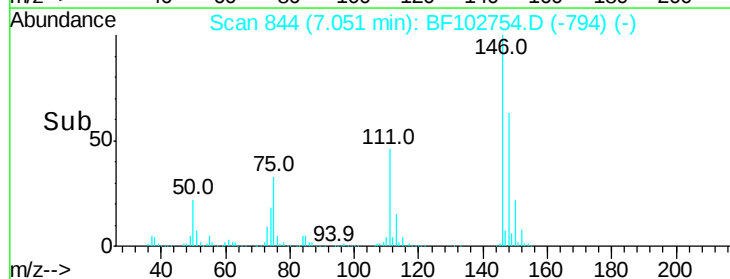
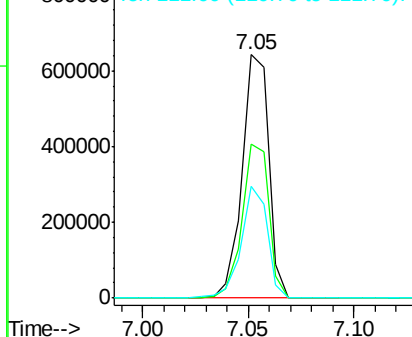


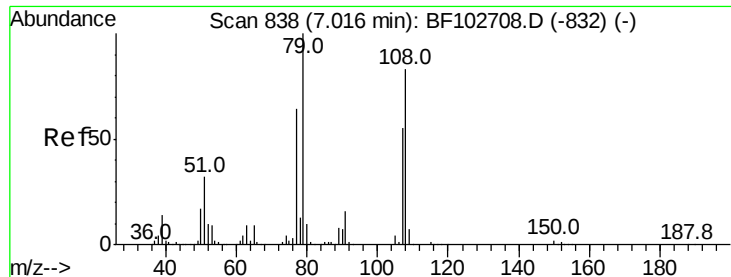
#14
 1,2-Dichlorobenzene
 Concen: 40.518 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	46.0	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 43.030 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

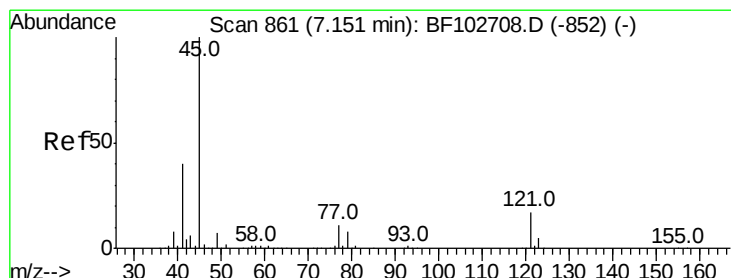
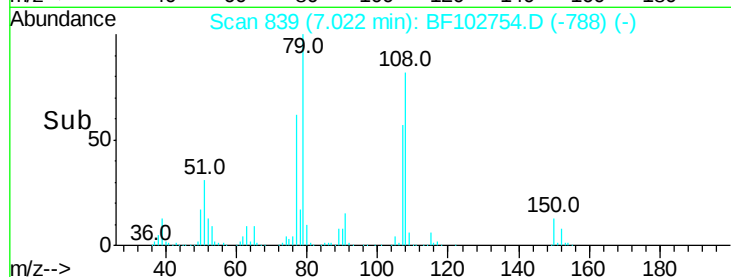
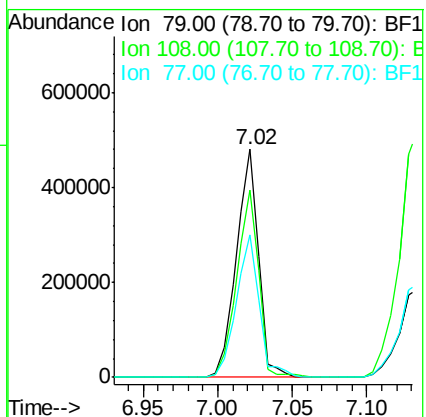
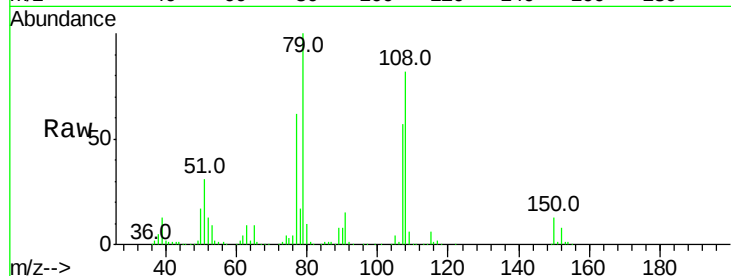
Tot Ion: 79 Resp: 498419

Ion Ratio Lower Upper

79 100

108 82.1 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.812 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

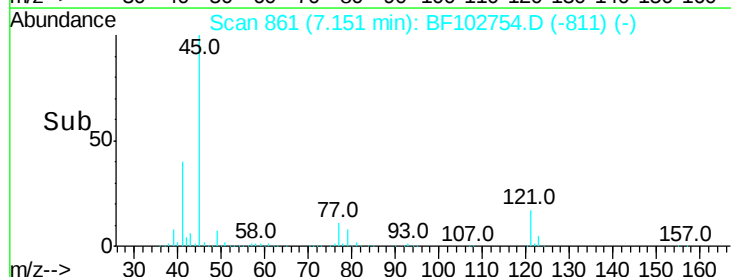
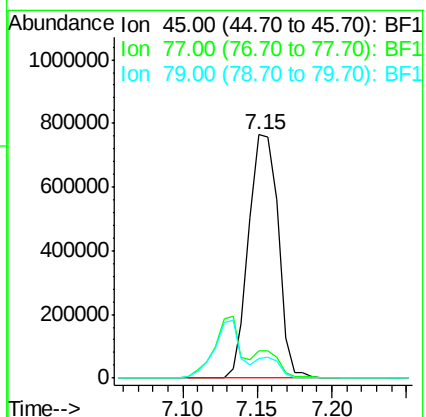
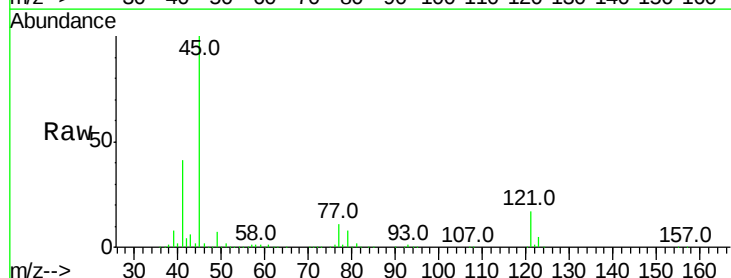
Tgt Ion: 45 Resp: 1041596

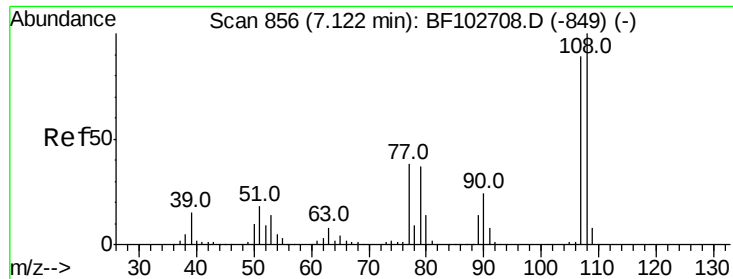
Ion Ratio Lower Upper

45 100

77 11.2 0.0 32.9

79 8.3 0.0 29.6

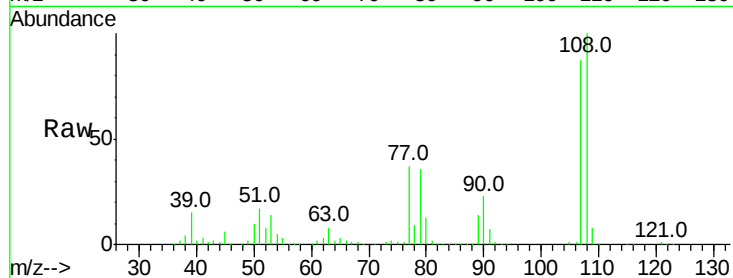




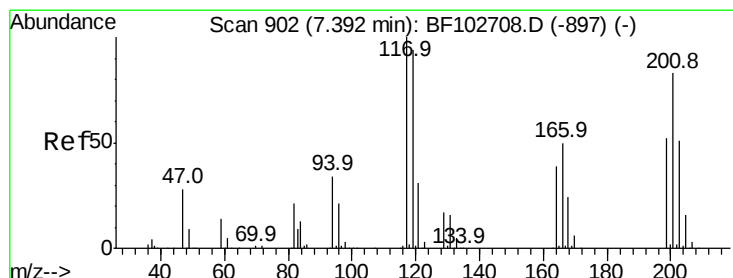
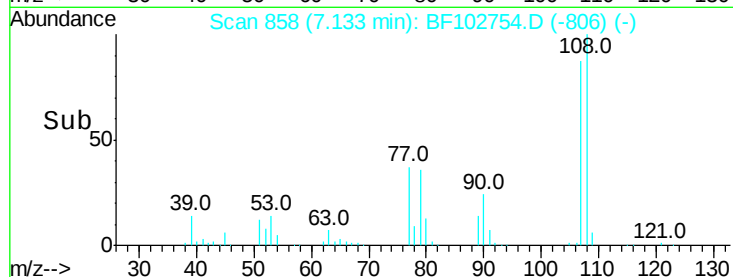
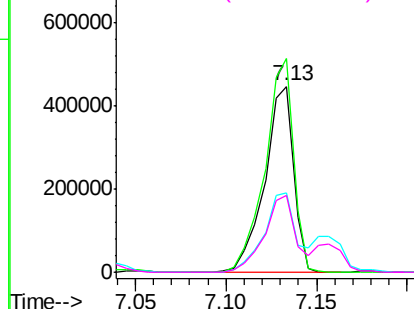
#17
2-Methylphenol
Concen: 41.826 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 496987
Ion Ratio Lower Upper
107 100
108 114.7 91.7 137.5
77 43.0 33.8 50.8
79 40.9 33.8 50.8

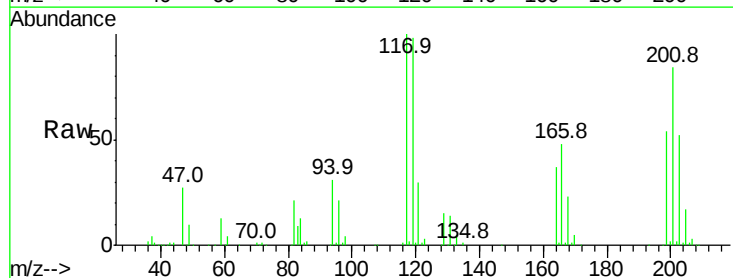


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
200000
0

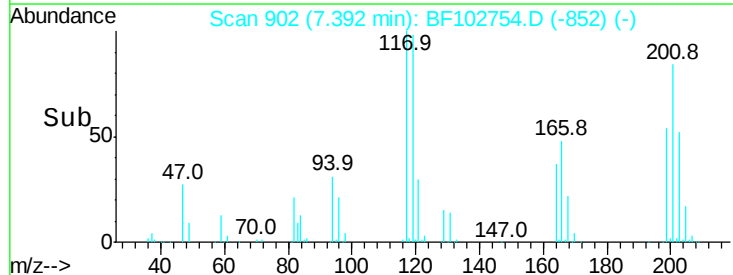
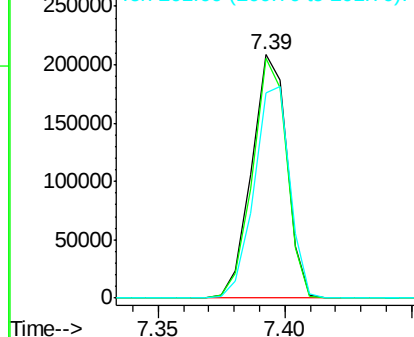


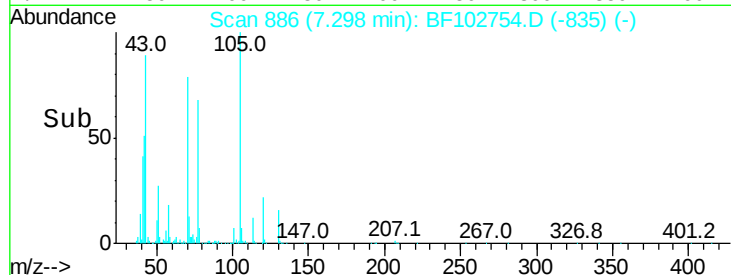
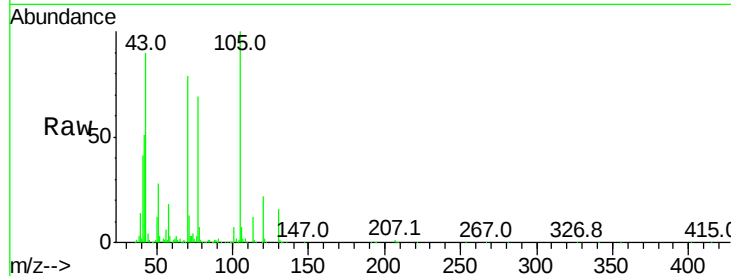
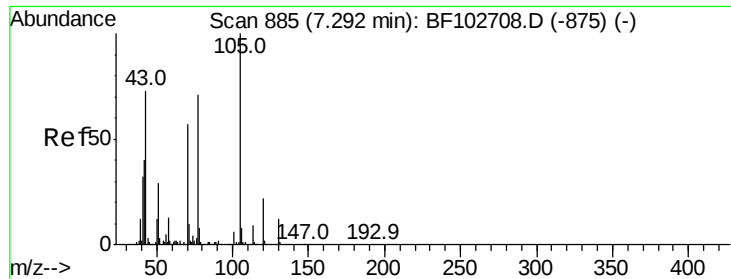
#18
Hexachloroethane
Concen: 39.802 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:117 Resp: 202817
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.8
201 84.1 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

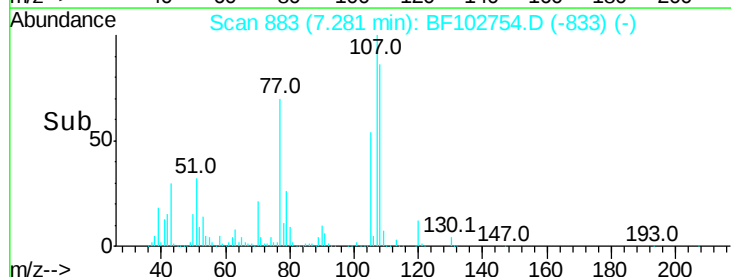
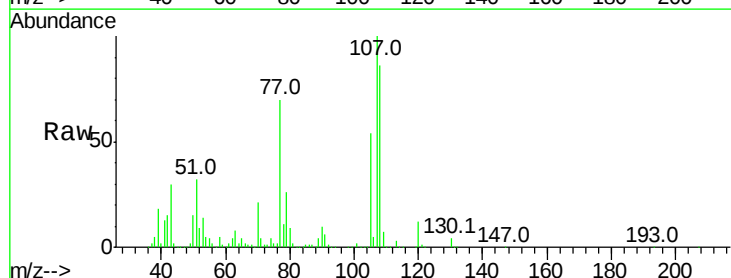
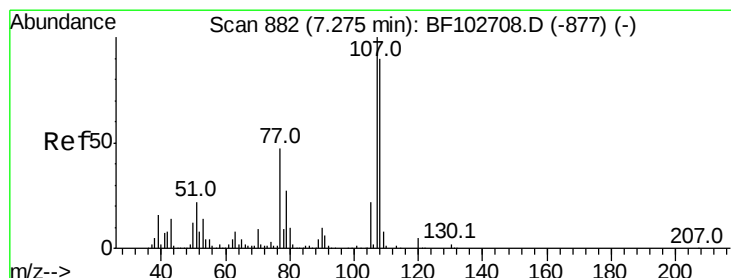
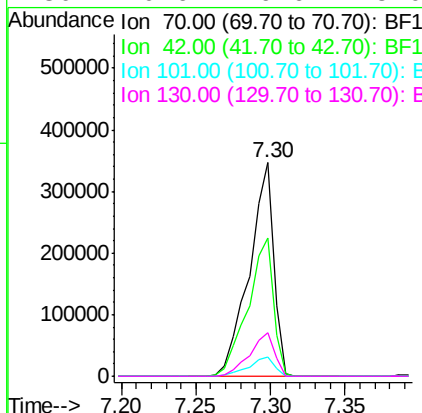




#19
n-Nitroso-di-n-propylamine
Concen: 39.513 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

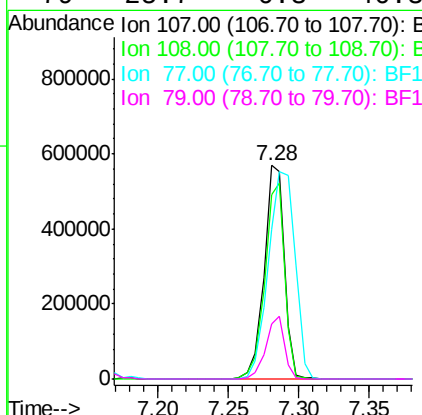
Instrument :
BNA_F
ClientSampled :

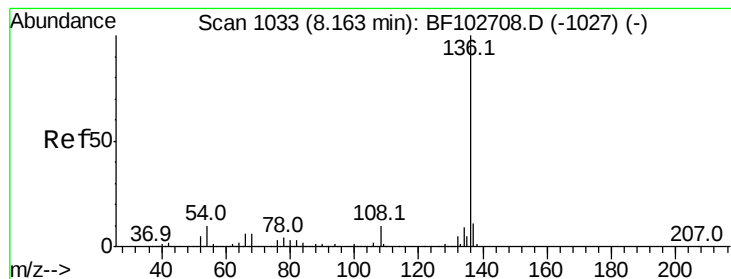
Tot Ion: 70 Resp: 392498
Ion Ratio Lower Upper
70 100
42 64.6 47.5 71.3
101 9.2 7.4 11.2
130 20.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.548 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion: 107 Resp: 579493
Ion Ratio Lower Upper
107 100
108 86.4 68.2 108.2
77 70.3 26.7 66.7#
79 25.7 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: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 784817

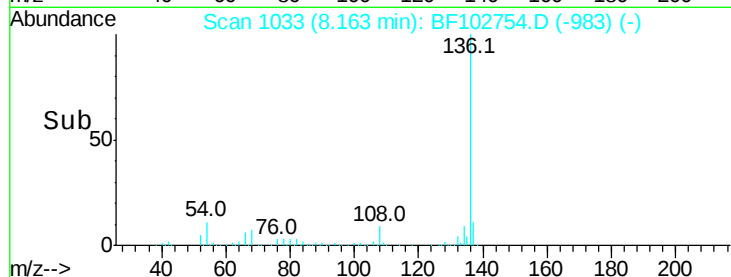
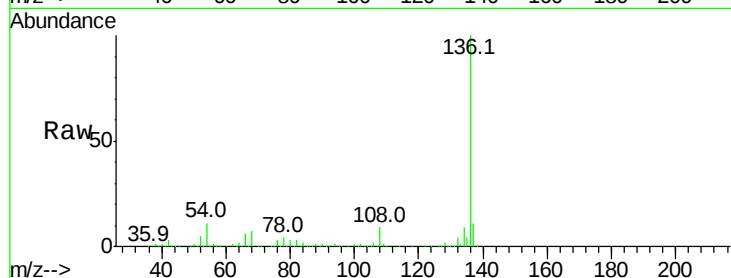
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.6 6.6 9.8#

68 6.9 5.0 7.4

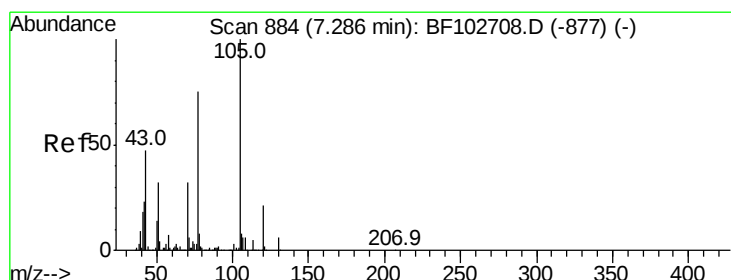
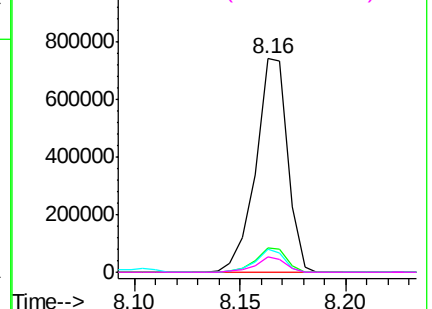


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.318 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion:105 Resp: 774310

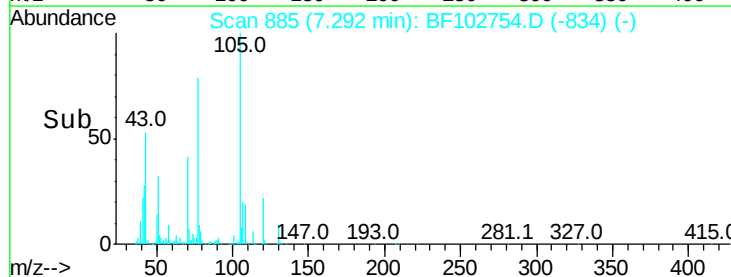
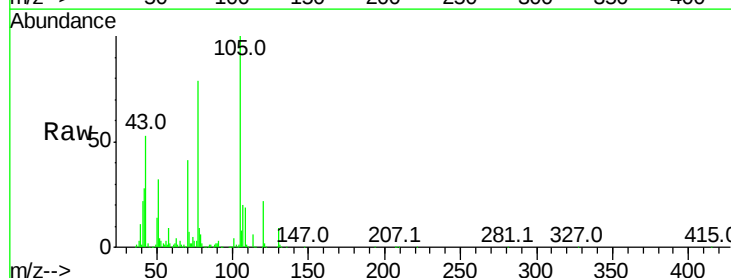
Ion Ratio Lower Upper

105 100

71 6.6 4.4 6.6

51 32.0 22.3 33.5

120 21.6 16.9 25.3

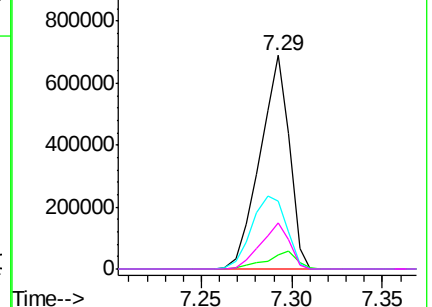


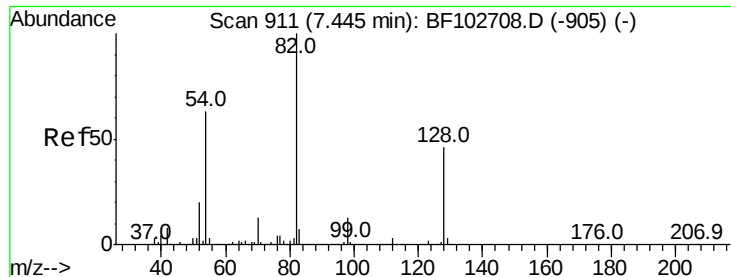
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

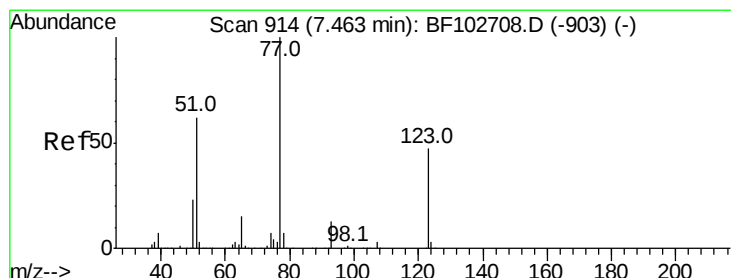
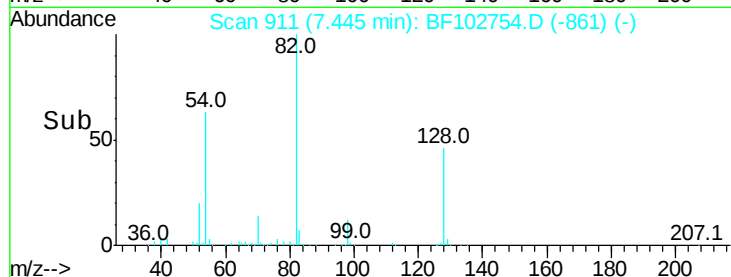
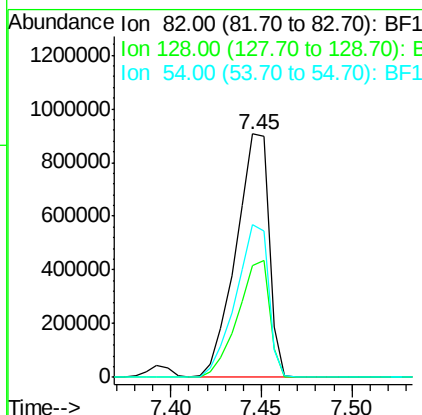
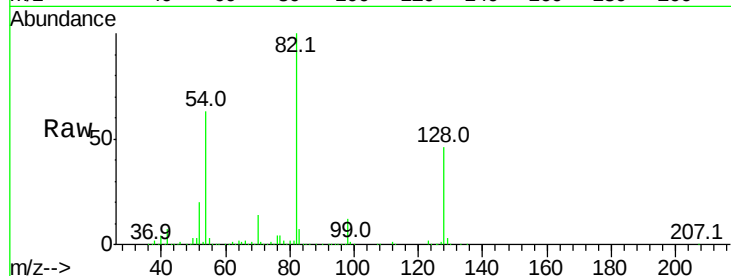




#23
 Nitrobenzene-d5
 Concen: 101.820 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

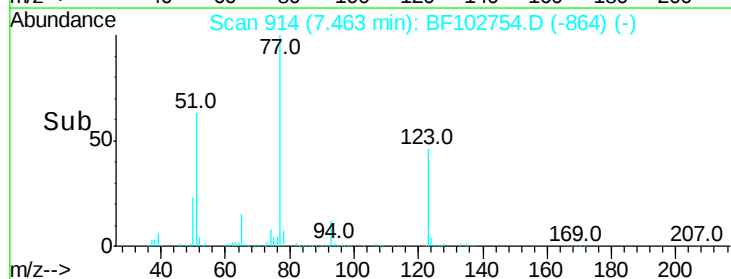
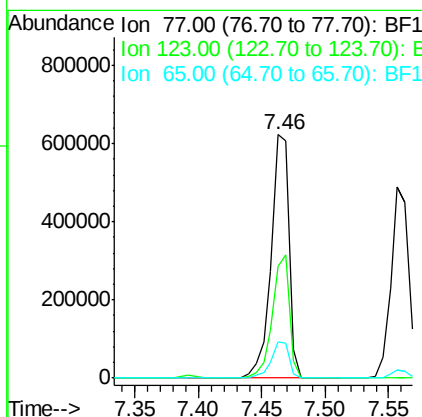
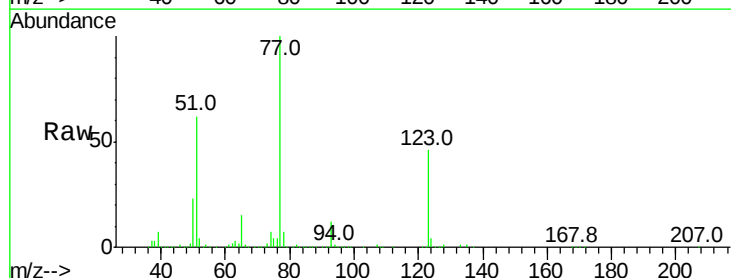
Instrument :
 BNA_F
 ClientSampled :

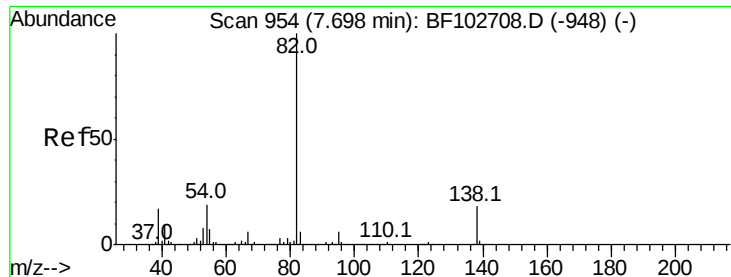
Tot Ion: 82 Resp: 1151932
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 62.9 41.4 62.2#



#24
 Nitrobenzene
 Concen: 45.611 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion: 77 Resp: 606964
 Ion Ratio Lower Upper
 77 100
 123 46.0 37.9 56.9
 65 15.1 11.0 16.4





#25

Isophorone

Concen: 43.593 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampled :

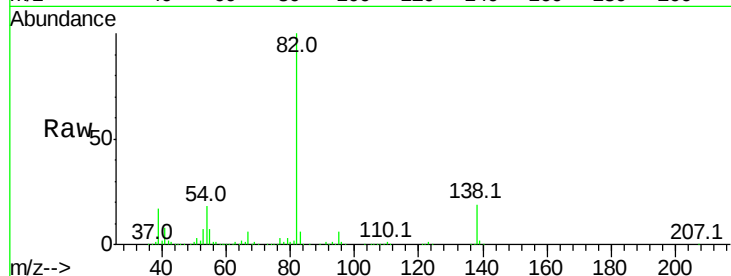
Tot Ion: 82 Resp: 1135629

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

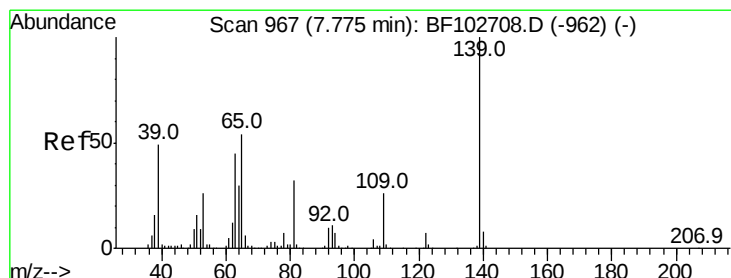
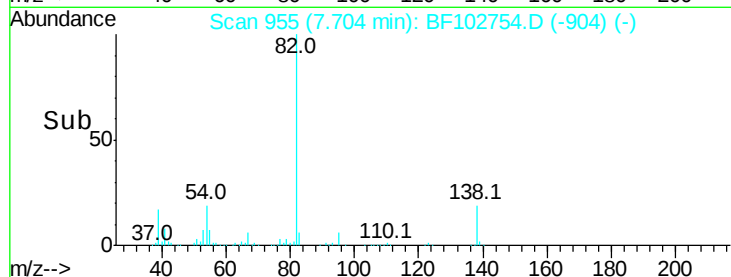
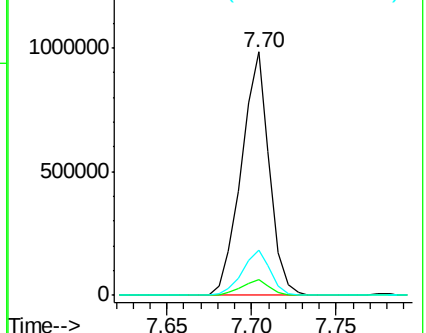
138 18.5 14.9 22.3



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: 54.012 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

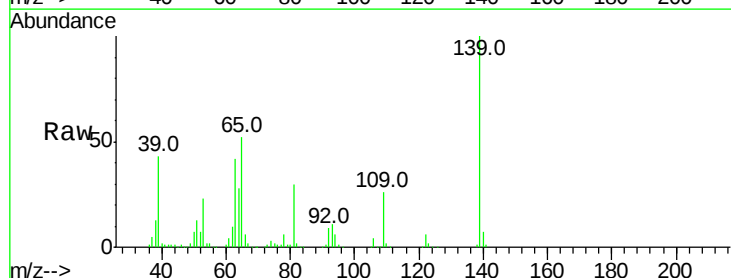
Tgt Ion:139 Resp: 302537

Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

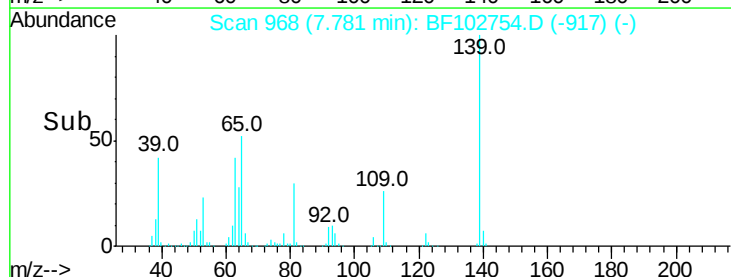
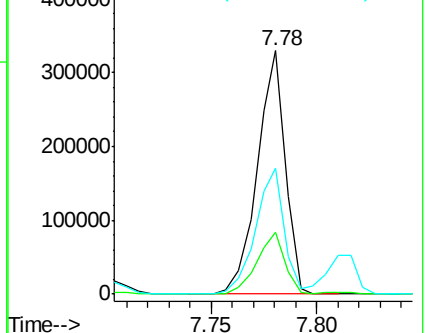
65 51.7 40.5 60.7

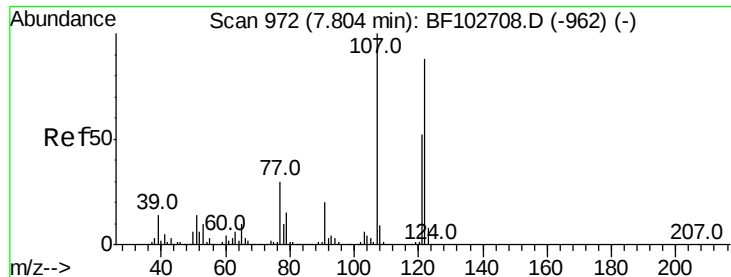


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.816 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

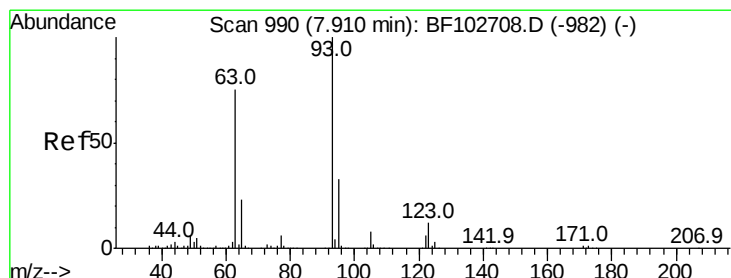
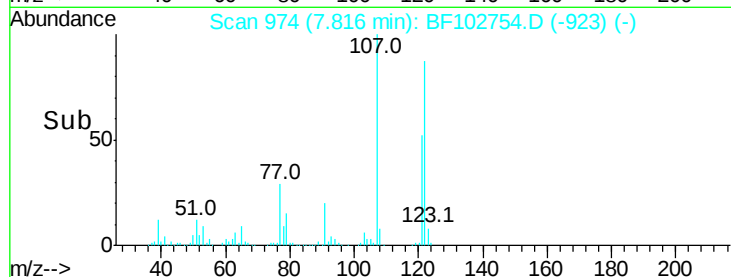
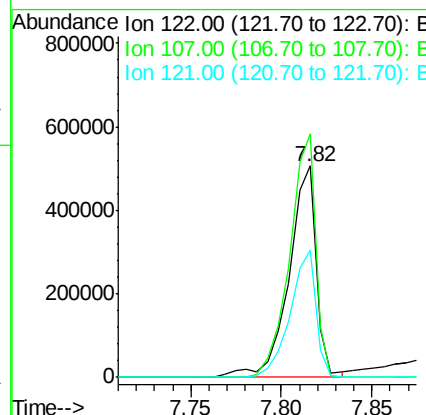
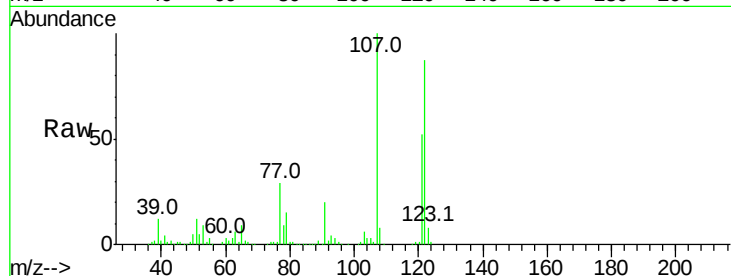
Tot Ion:122 Resp: 537262

Ion Ratio Lower Upper

122 100

107 115.1 91.2 136.8

121 59.9 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.638 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

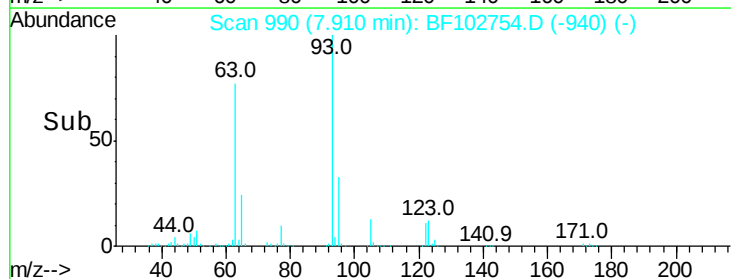
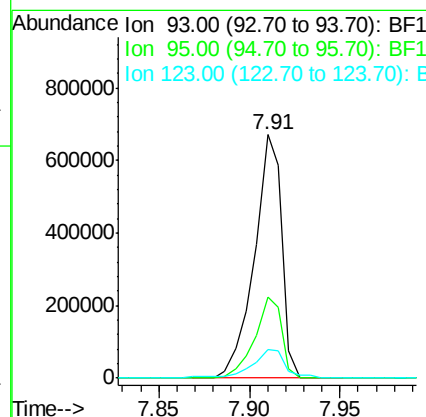
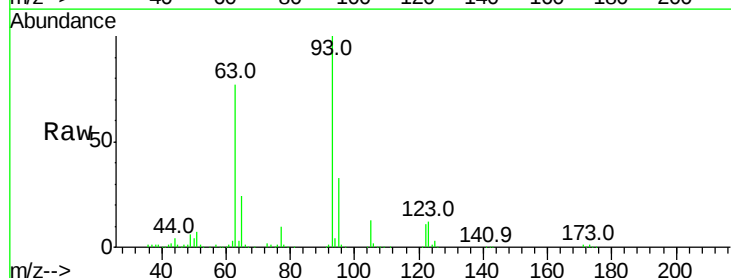
Tgt Ion: 93 Resp: 704292

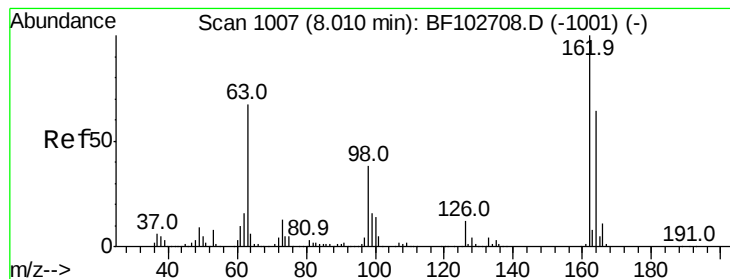
Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

123 11.8 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 46.495 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

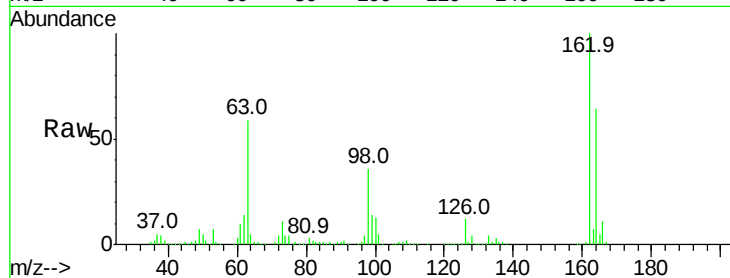
Tot Ion:162 Resp: 465193

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

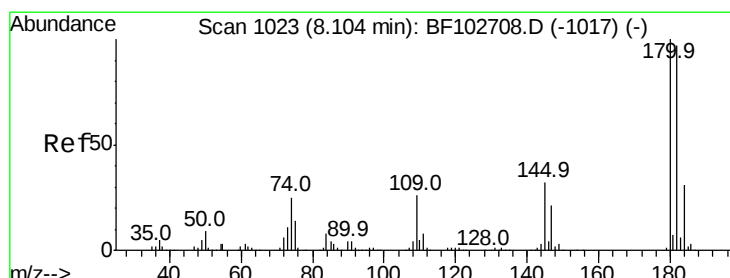
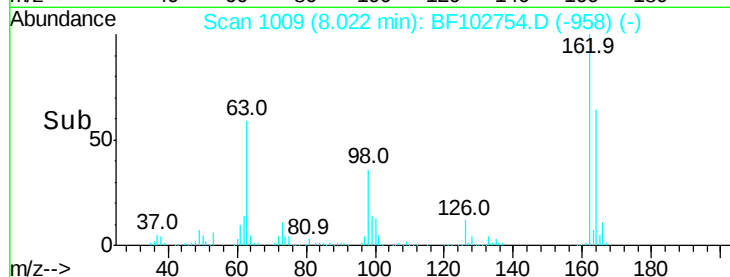
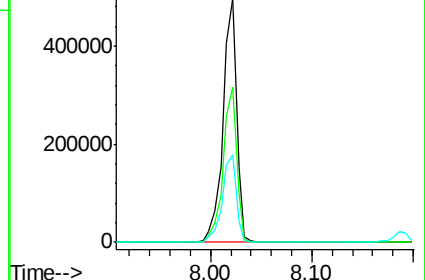
98 35.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.486 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

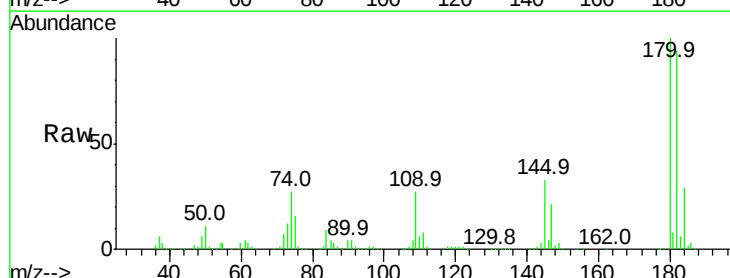
Tgt Ion:180 Resp: 469563

Ion Ratio Lower Upper

180 100

182 93.6 76.8 115.2

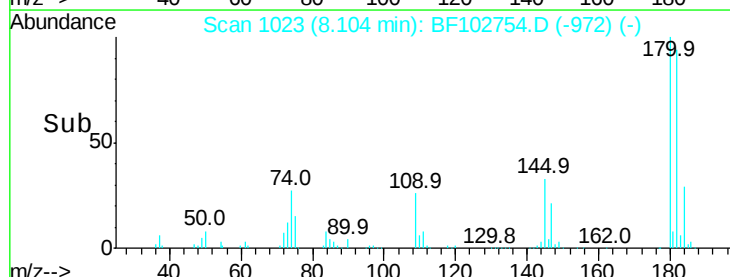
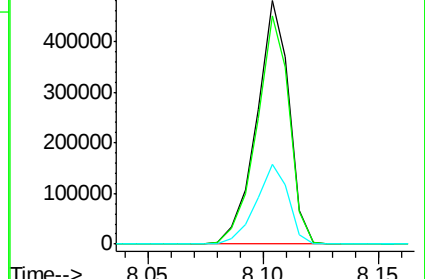
145 32.8 26.5 39.7

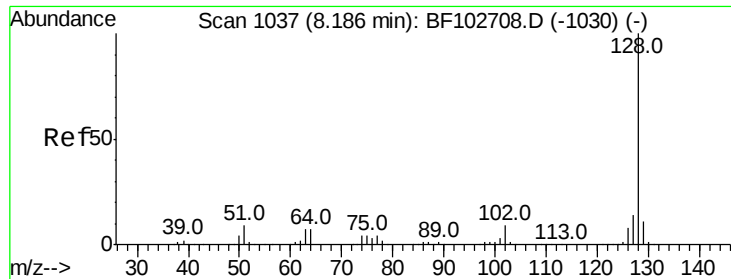


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

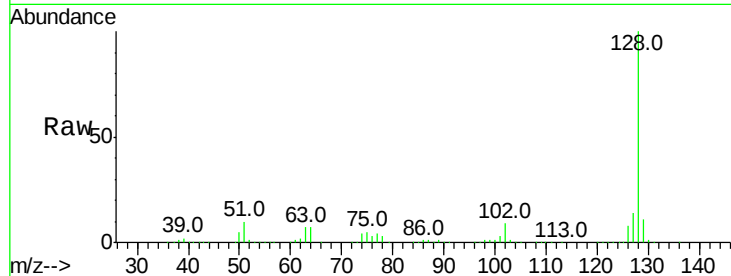




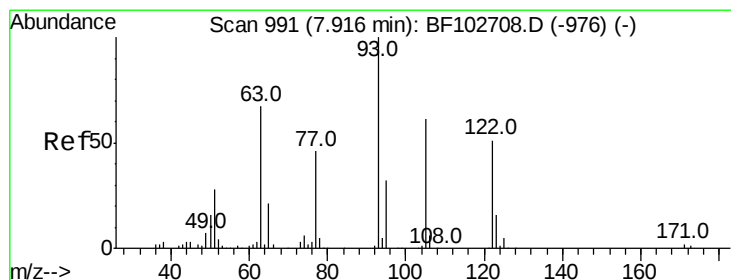
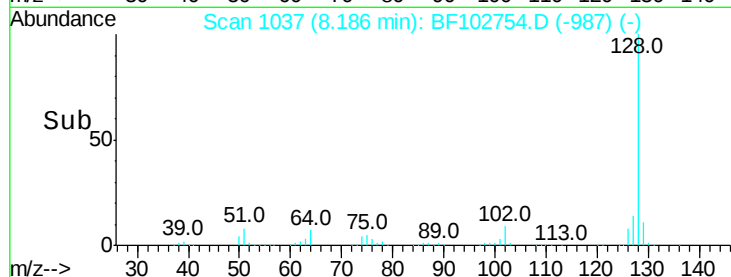
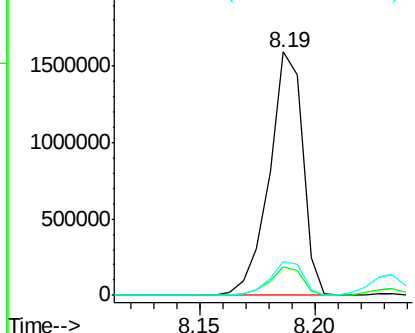
#31
Naphthalene
Concen: 41.561 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1593640
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.9 10.9 16.3

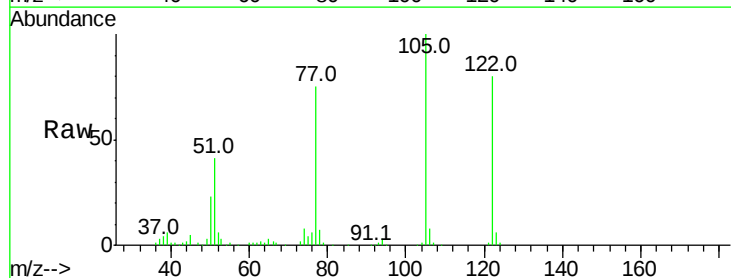


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

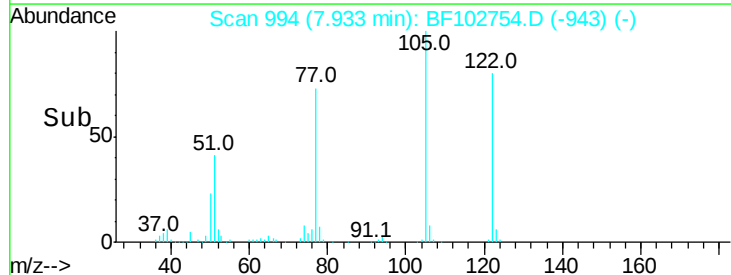
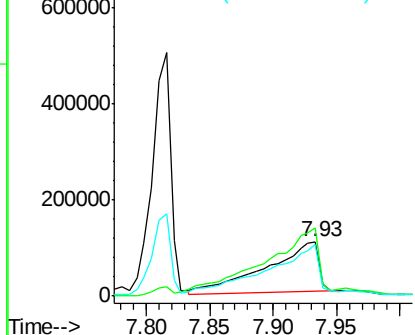


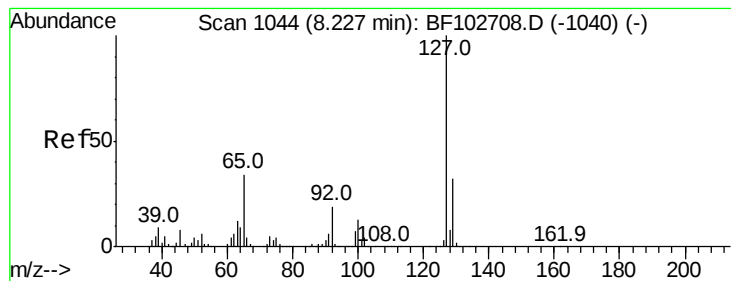
#32
Benzoic acid
Concen: 41.393 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:122 Resp: 302778
Ion Ratio Lower Upper
122 100
105 125.4 101.1 141.1
77 93.7 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: 9.544 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 157650

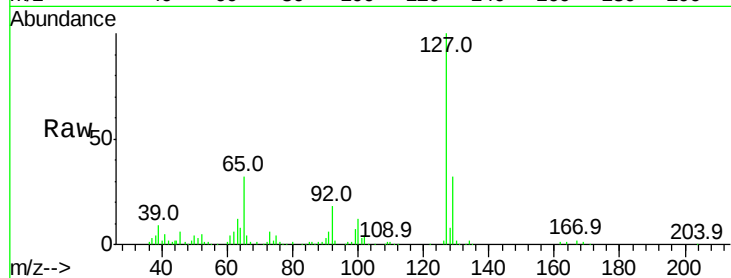
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 31.7 25.0 37.4

92 18.4 15.2 22.8

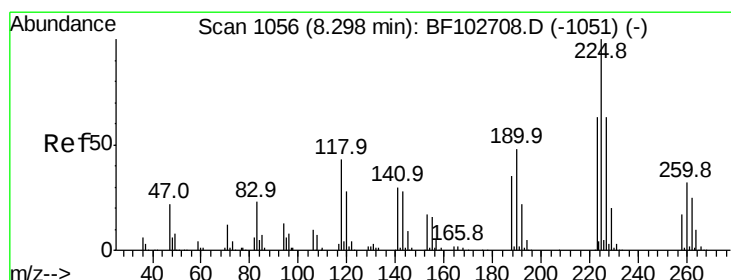
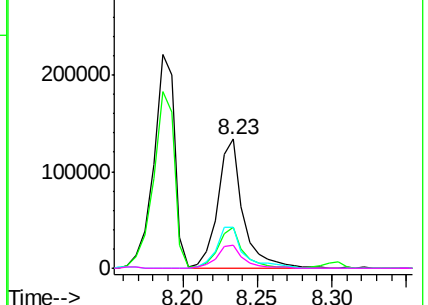
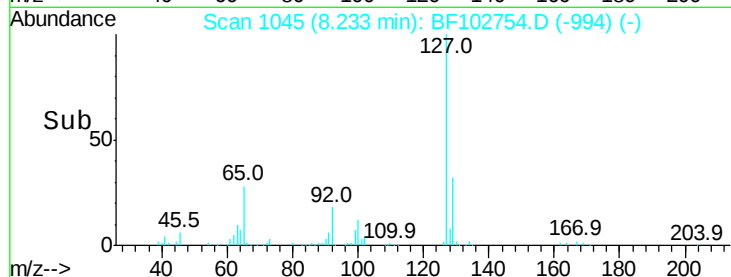


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.792 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

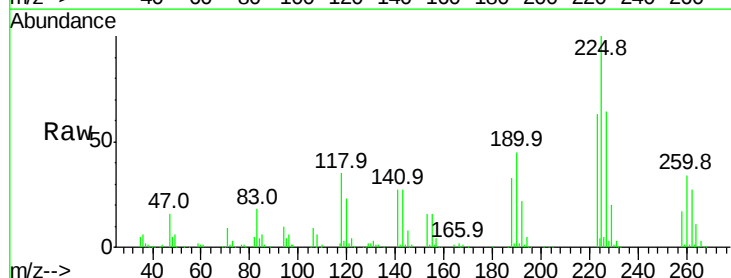
Tgt Ion:225 Resp: 236593

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

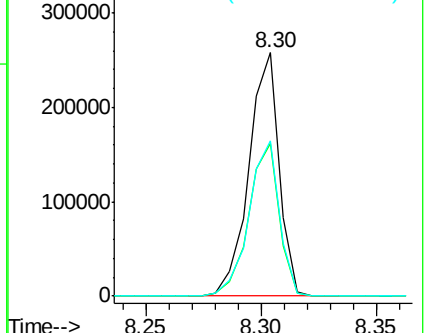
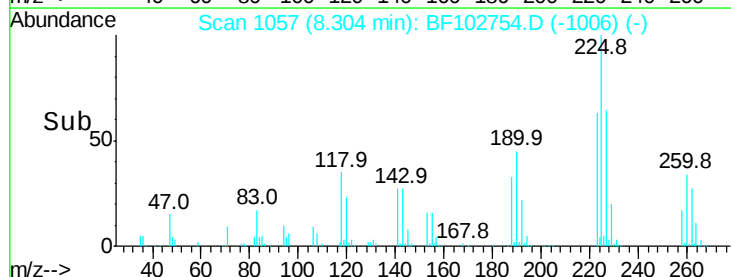
227 64.0 51.9 77.9

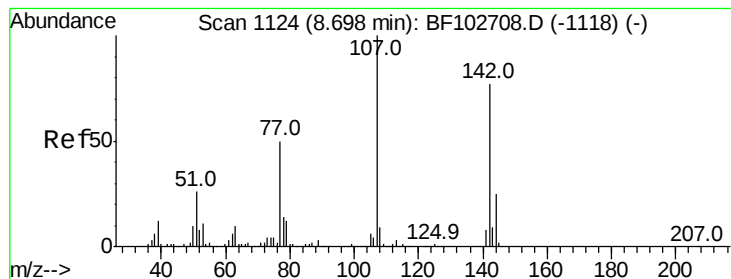


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#36

4-Chloro-3-methylphenol

Concen: 45.378 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

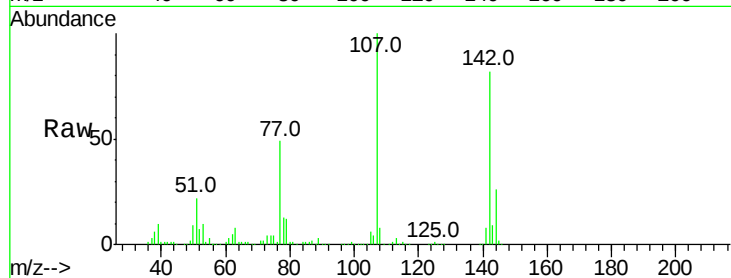
Tot Ion:107 Resp: 510116

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

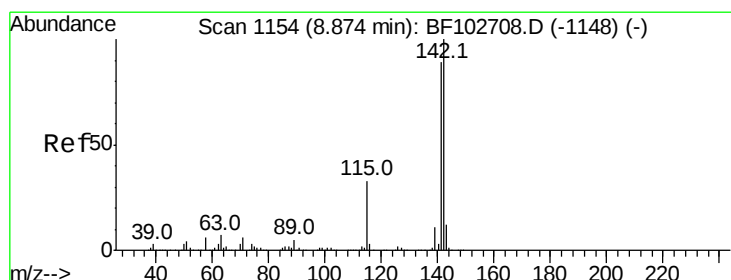
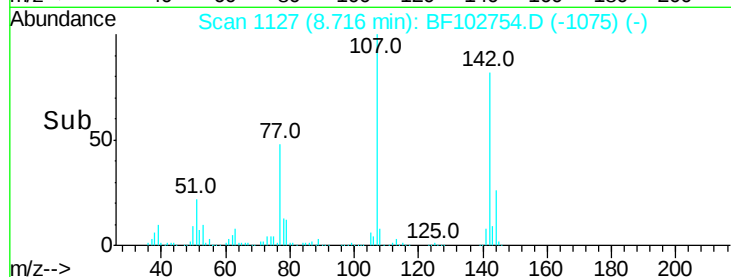
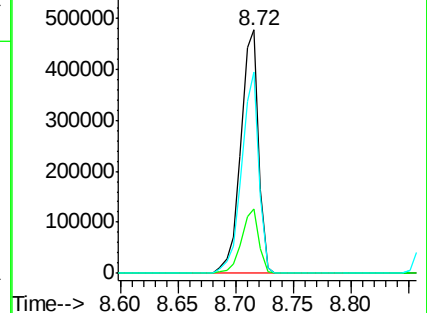
142 82.5 62.0 93.0



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: 42.072 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

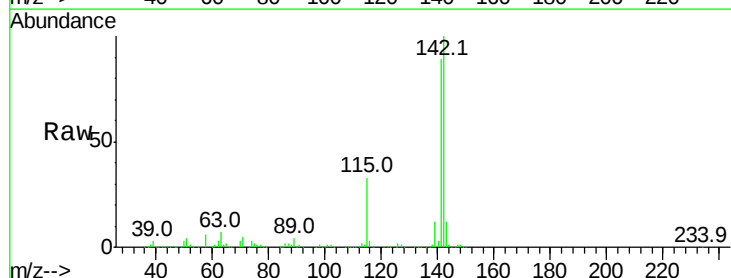
Tgt Ion:142 Resp: 1056198

Ion Ratio Lower Upper

142 100

141 89.2 70.8 106.2

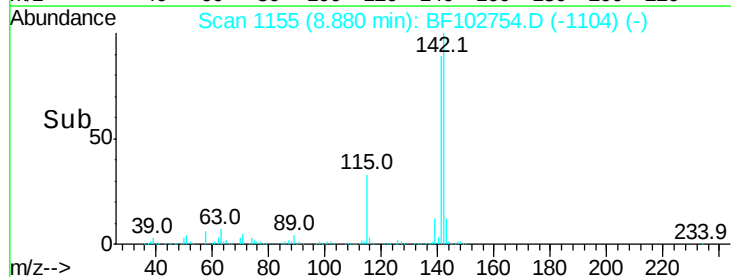
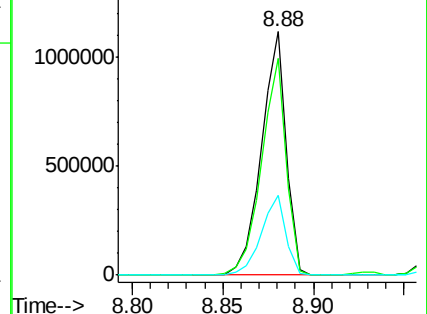
115 32.8 26.1 39.1

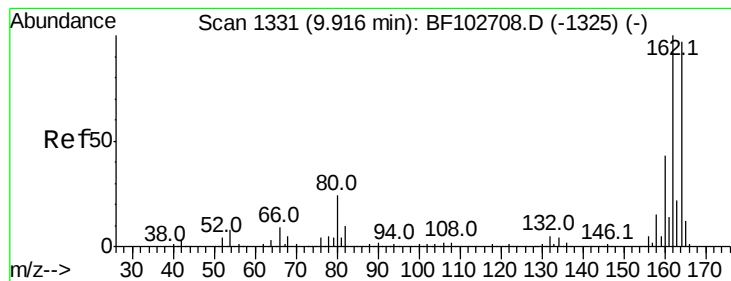


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampled :

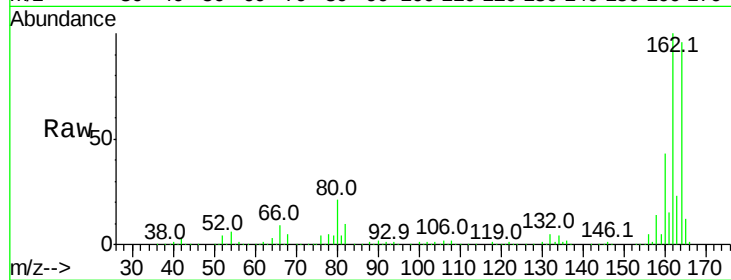
Tot Ion:164 Resp: 339438

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

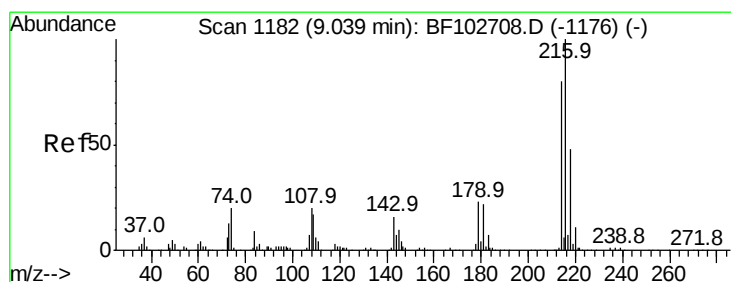
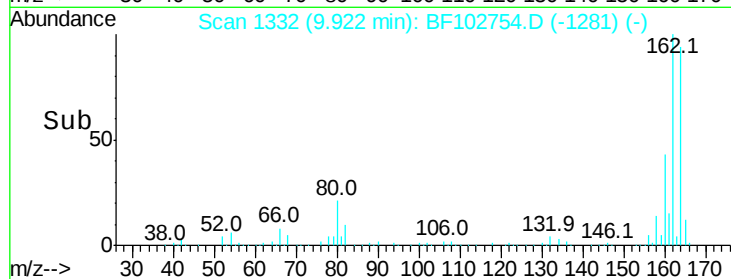
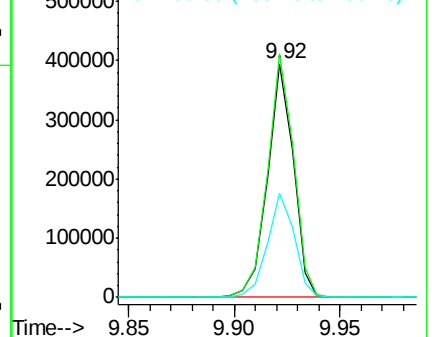
160 44.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.794 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion:216 Resp: 404762

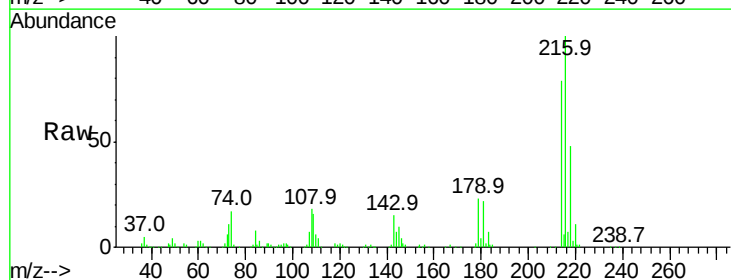
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 23.6 18.1 27.1

108 22.2 17.2 25.8

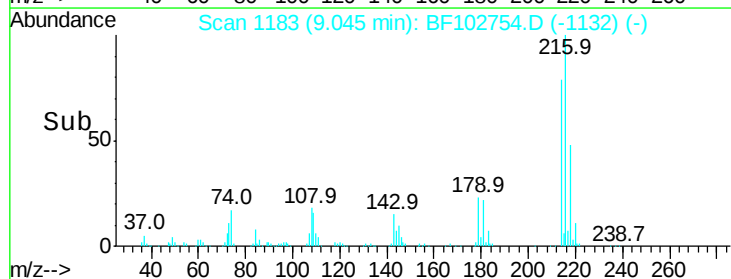
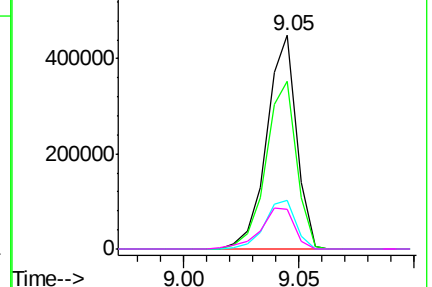


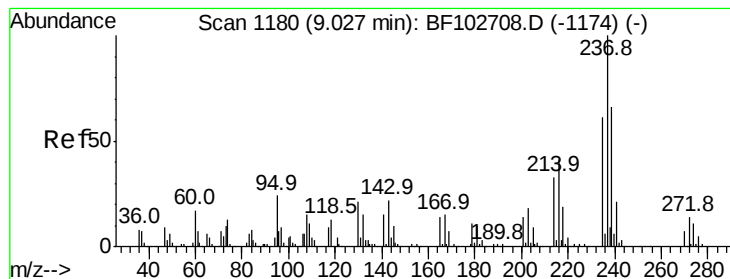
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 43.967 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

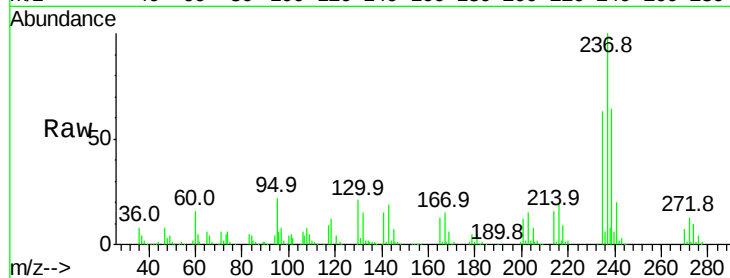
Tot Ion:237 Resp: 193171

Ion Ratio Lower Upper

237 100

235 63.0 44.8 84.8

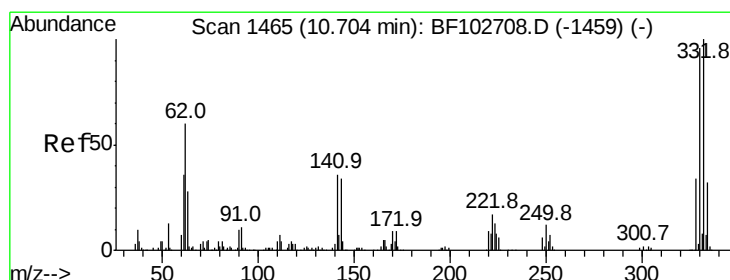
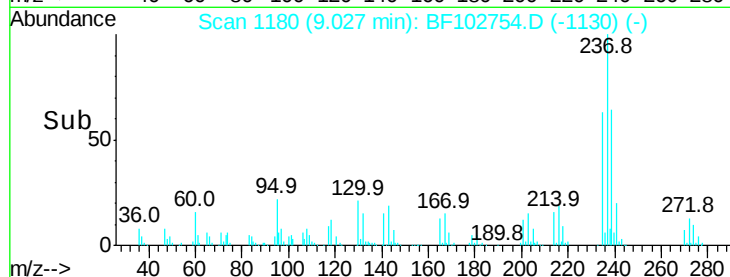
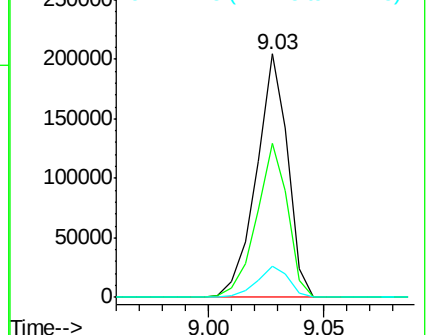
272 12.6 0.0 33.3



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: 127.248 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

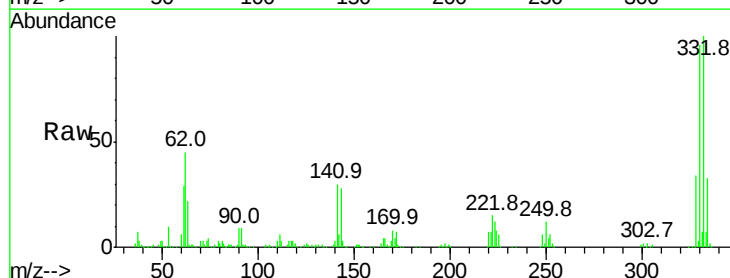
Tgt Ion:330 Resp: 347651

Ion Ratio Lower Upper

330 100

332 103.6 77.0 115.6

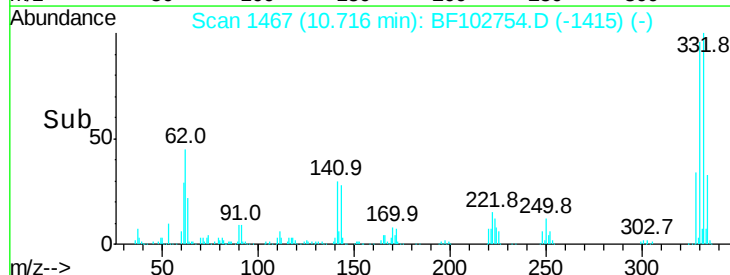
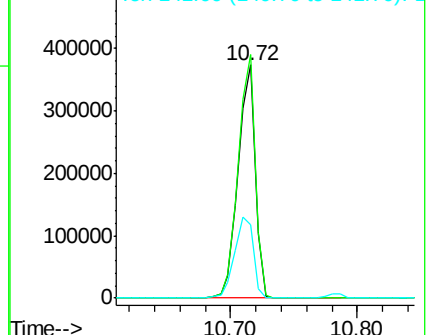
141 38.1 29.9 44.9

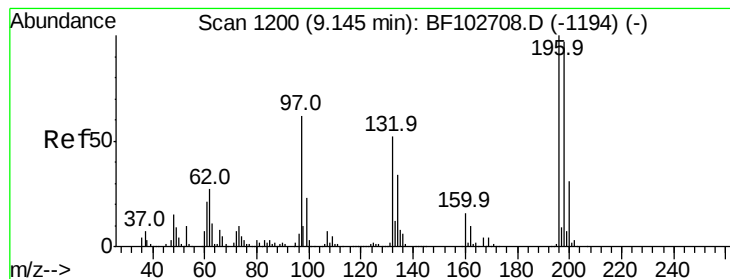


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 49.525 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

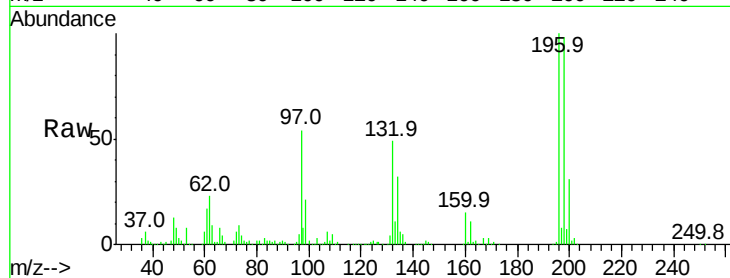
Tot Ion:196 Resp: 300648

Ion Ratio Lower Upper

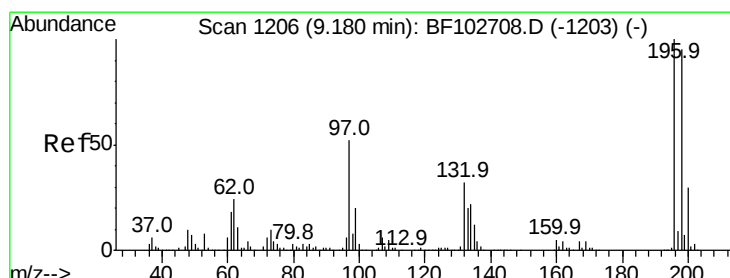
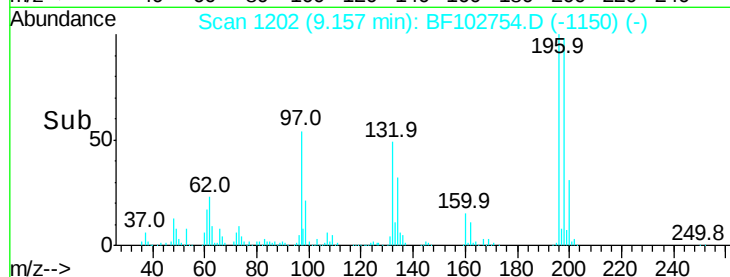
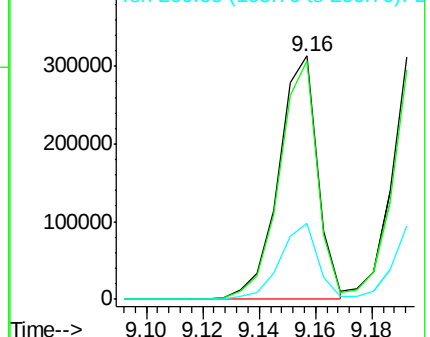
196 100

198 97.7 75.7 113.5

200 31.4 24.5 36.7



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



#43

2,4,5-Trichlorophenol

Concen: 45.575 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion:196 Resp: 311833

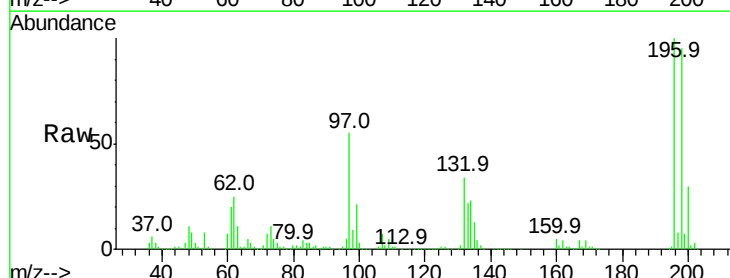
Ion Ratio Lower Upper

196 100

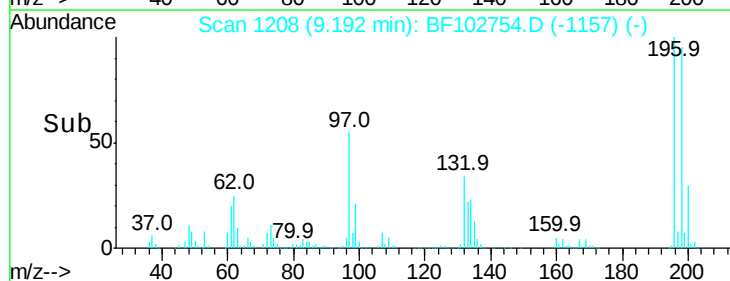
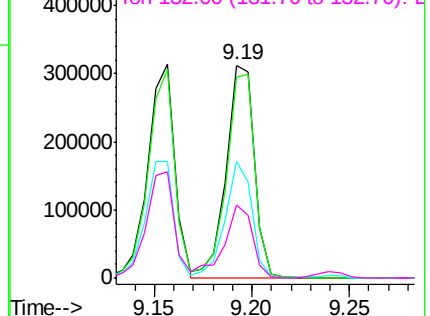
198 94.6 74.6 112.0

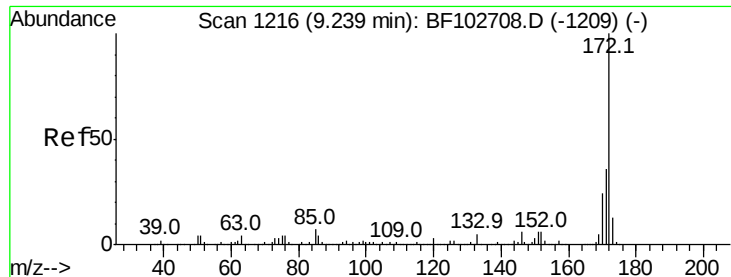
97 54.7 42.9 64.3

132 34.3 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



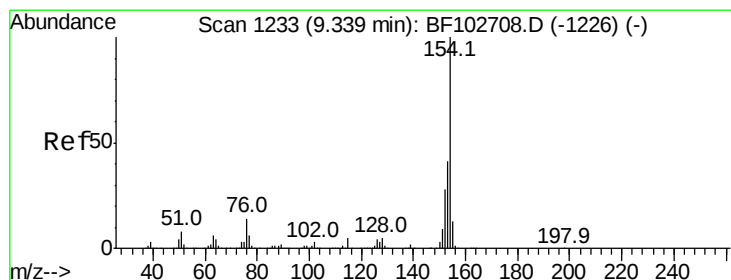
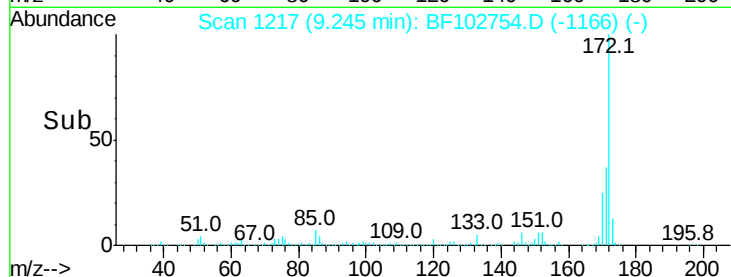
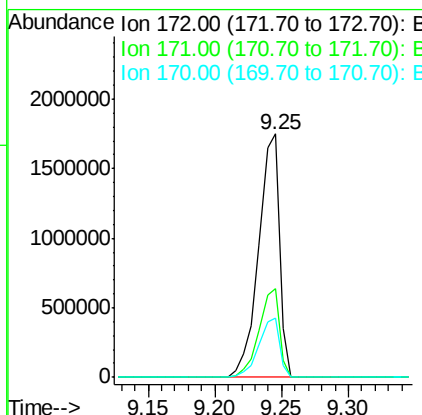
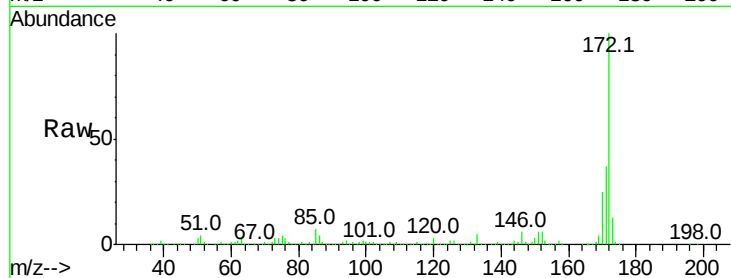


#44
 2-Fluorobiphenyl
 Concen: 91.542 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1872582

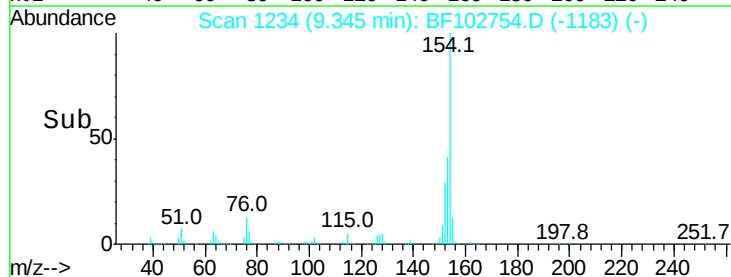
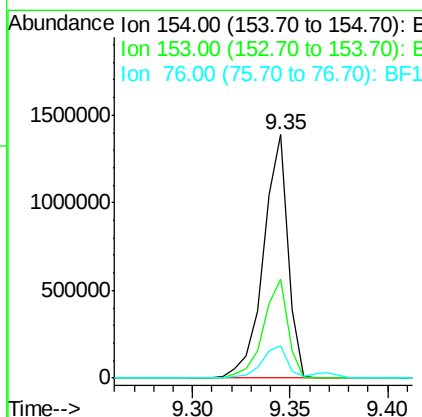
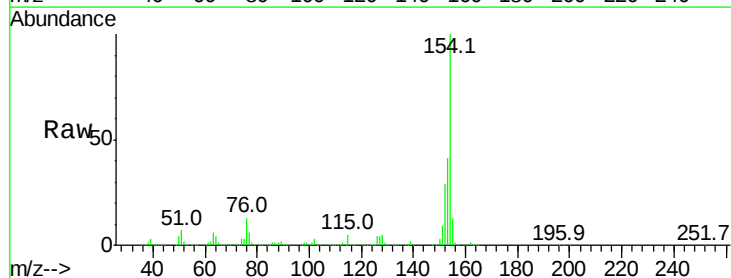
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4

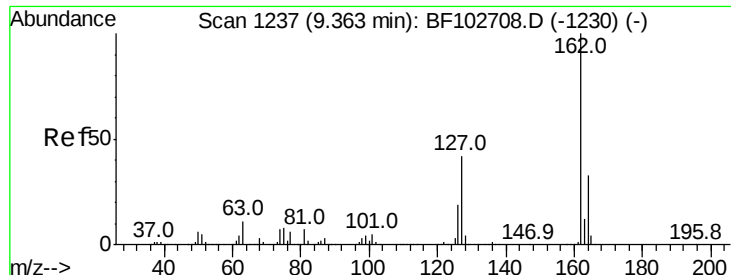


#45
 1,1'-Biphenyl
 Concen: 42.124 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion:154 Resp: 1204328

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.2	0.0	34.0

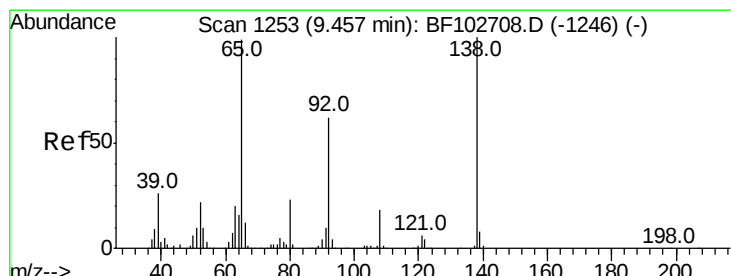
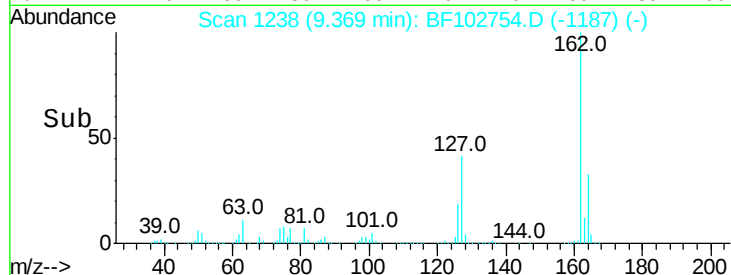
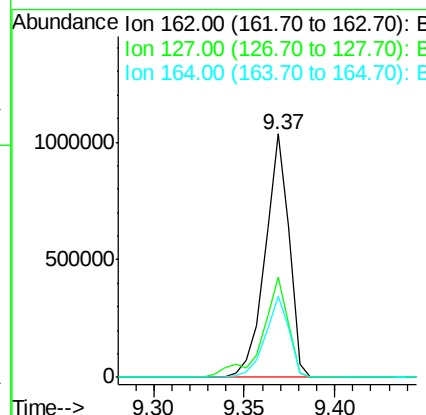
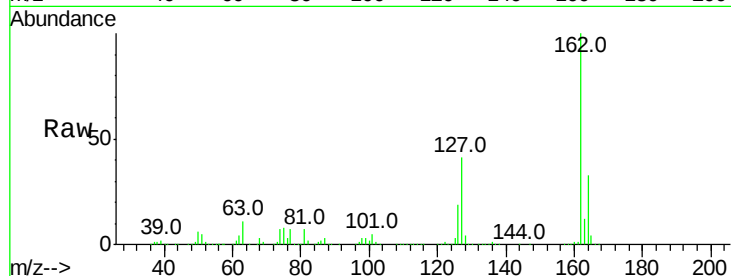




#46
 2-Chloronaphthalene
 Concen: 42.062 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

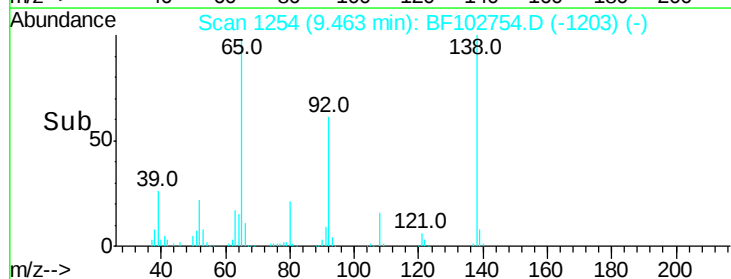
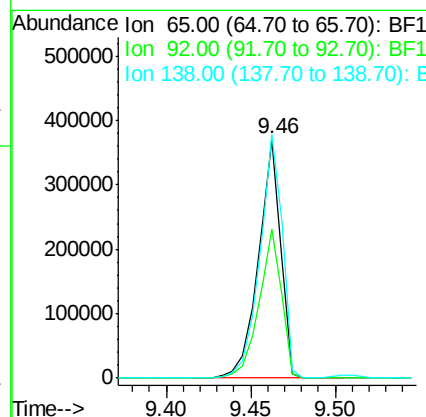
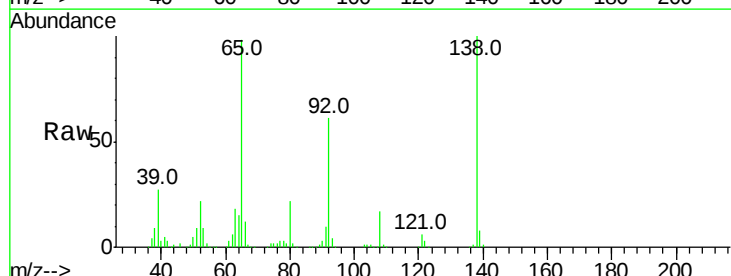
Instrument :
 BNA_F
 ClientSampleId :

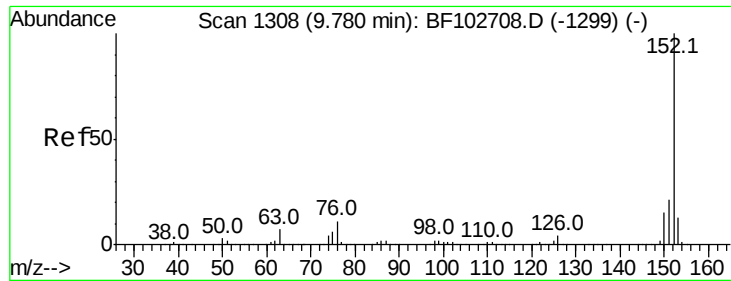
Tot	Ion:162	Resp:	946727
Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.9	50.9
164	33.2	26.5	39.7



#47
 2-Nitroaniline
 Concen: 49.000 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt	Ion: 65	Resp:	340868
Ion	Ratio	Lower	Upper
65	100		
92	62.1	55.8	83.6
138	101.9	91.2	136.8





#48

Acenaphthylene

Concen: 40.323 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

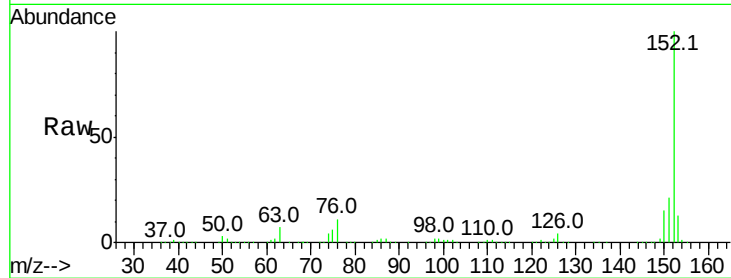
Tot Ion:152 Resp: 1409631

Ion Ratio Lower Upper

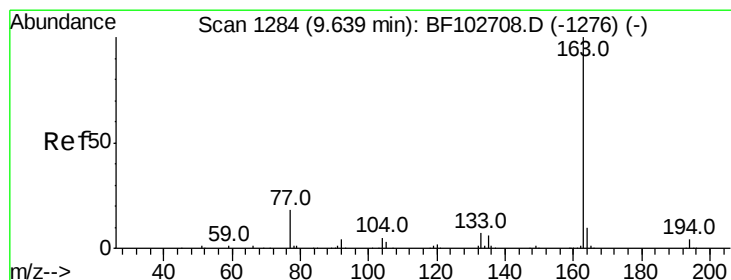
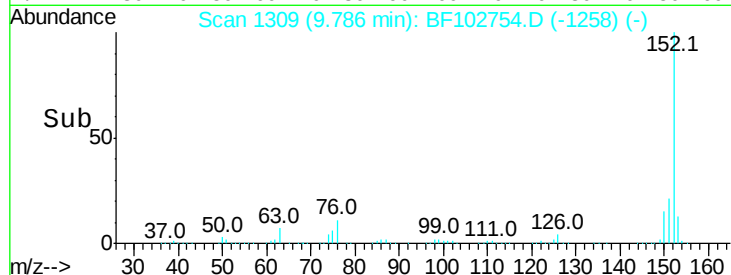
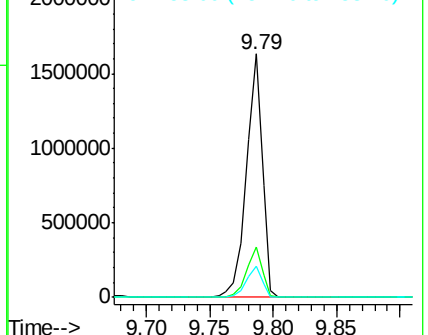
152 100

151 20.9 16.3 24.5

153 13.0 10.7 16.1



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



#49

Dimethylphthalate

Concen: 43.294 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

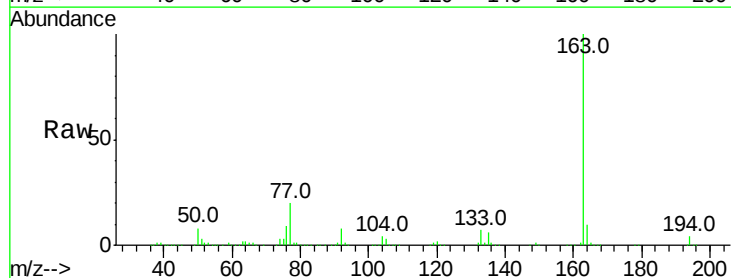
Tgt Ion:163 Resp: 1145840

Ion Ratio Lower Upper

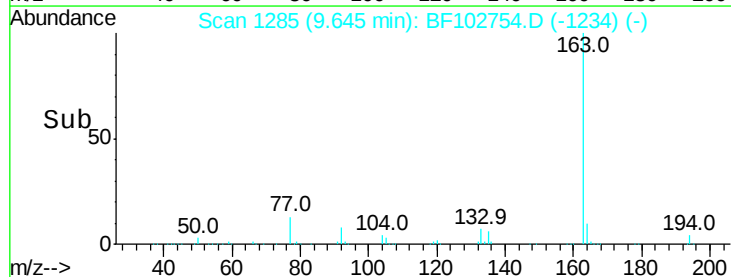
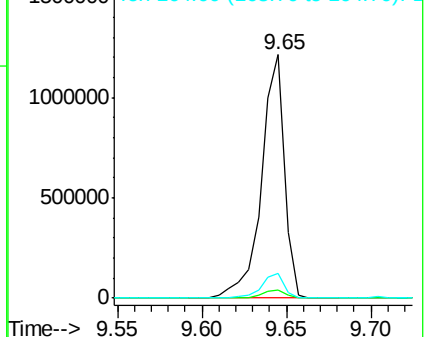
163 100

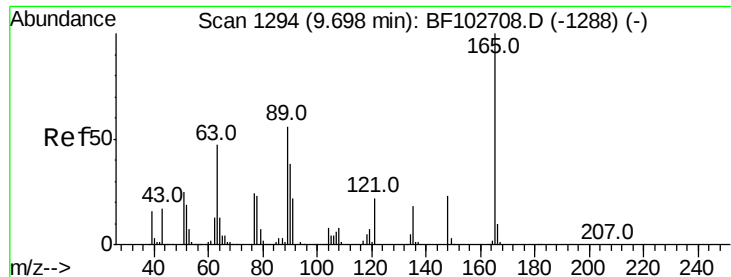
194 3.6 2.7 4.1

164 10.3 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

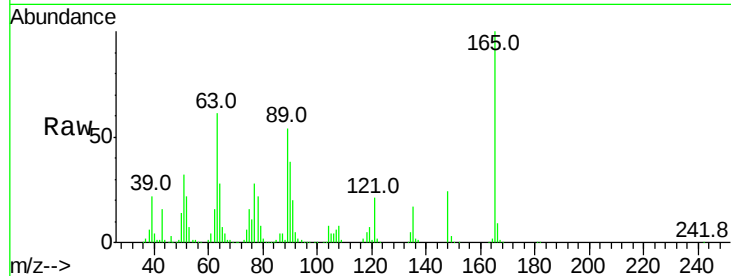




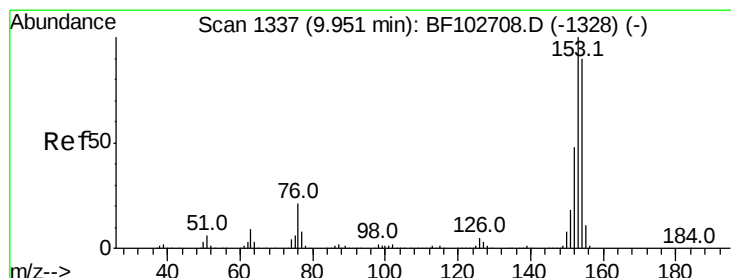
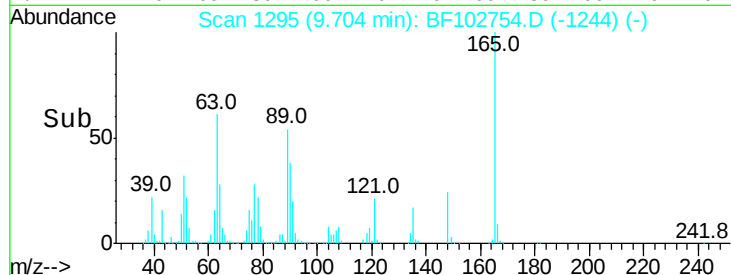
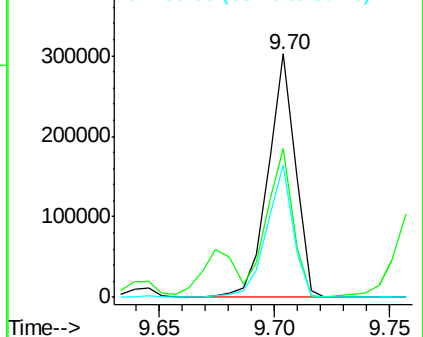
#50
2,6-Dinitrotoluene
Concen: 49.456 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.9	44.7	67.1
89	54.4	44.0	66.0

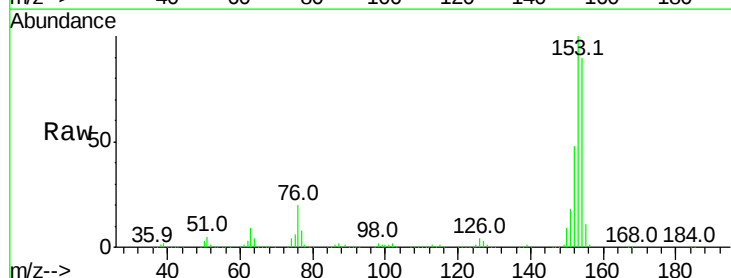


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

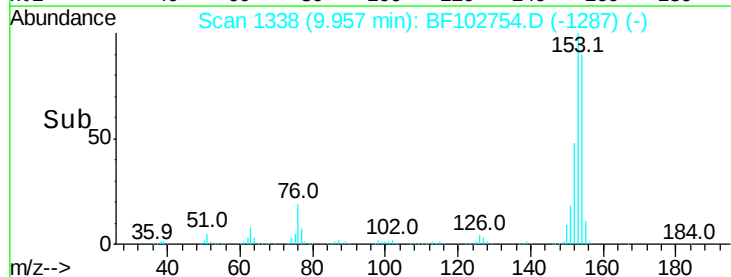
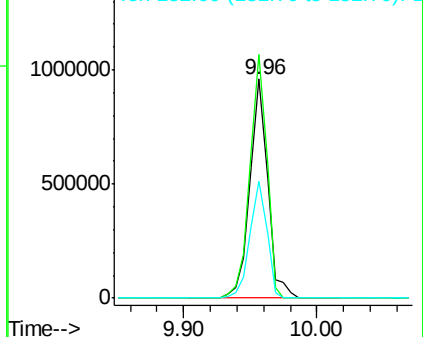


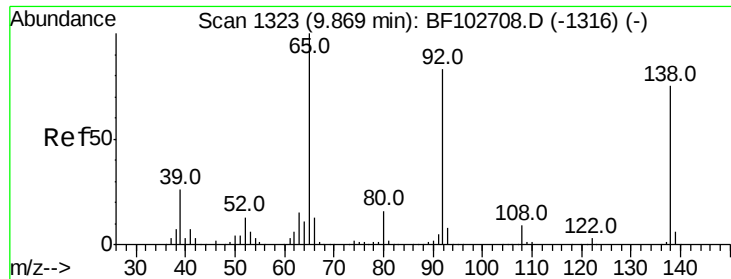
#51
Acenaphthene
Concen: 41.765 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.2	136.8
152	53.7	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

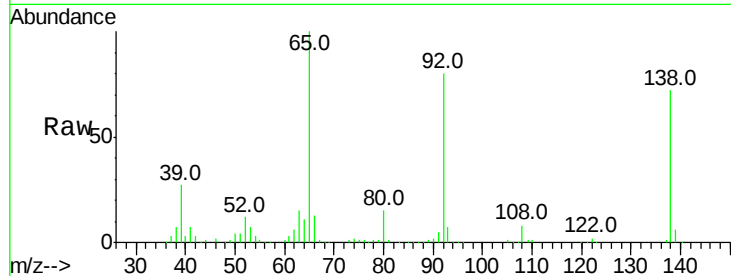




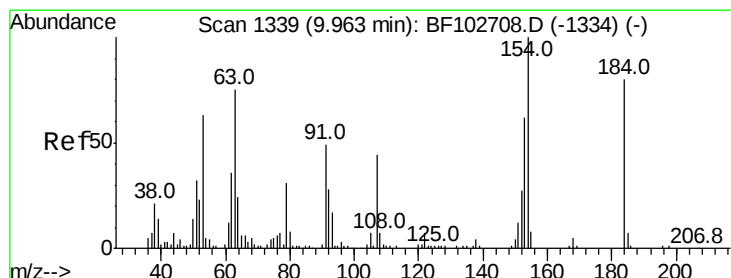
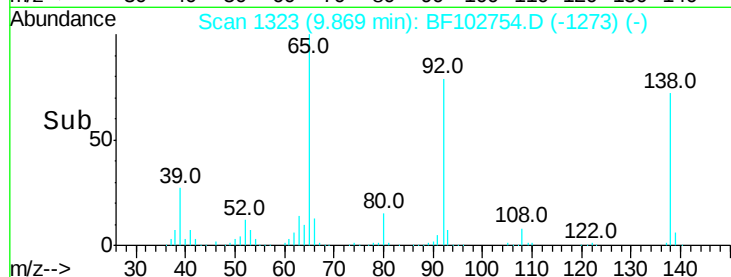
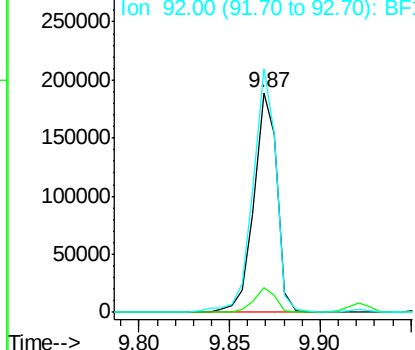
#52
3-Nitroaniline
Concen: 27.048 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 167582
Ion Ratio Lower Upper
138 100
108 11.0 9.4 14.0
92 110.9 89.4 134.2

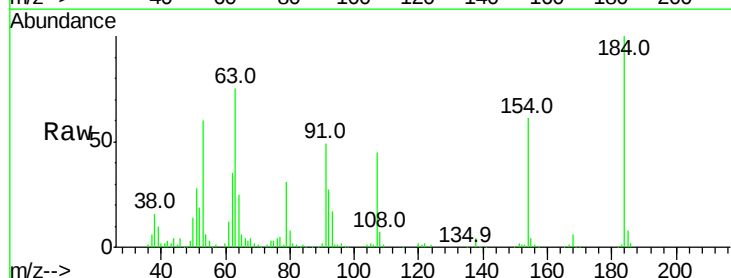


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

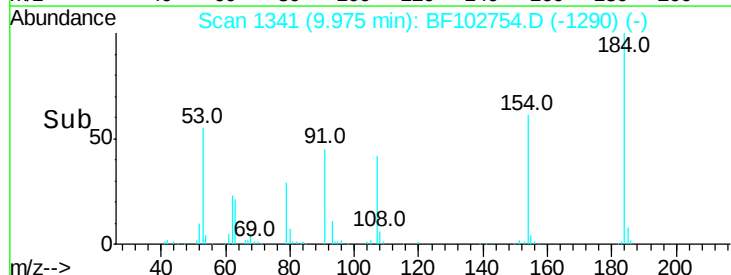
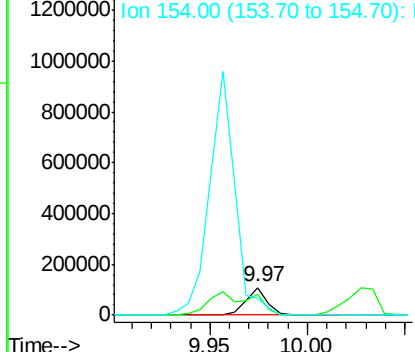


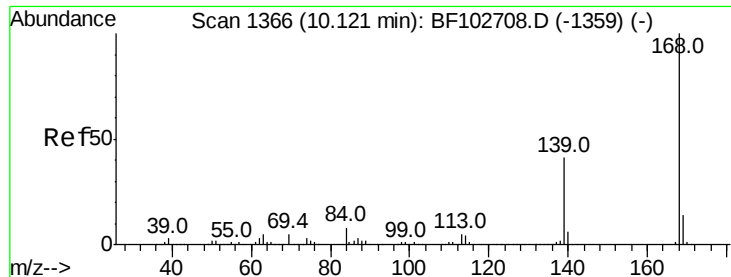
#53
2,4-Dinitrophenol
Concen: 58.369 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:184 Resp: 79377
Ion Ratio Lower Upper
184 100
63 75.2 54.2 81.2
154 61.5 184.0 276.0#



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

Dibenzenofuran

Concen: 42.137 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

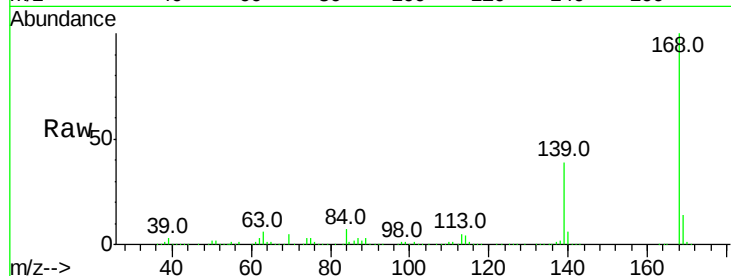
Tot Ion:168 Resp: 1241476

Ion Ratio Lower Upper

168 100

139 39.5 30.1 45.1

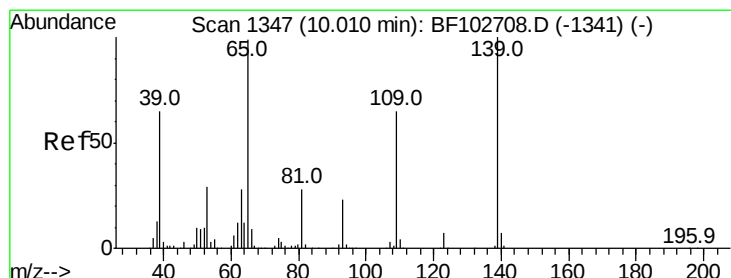
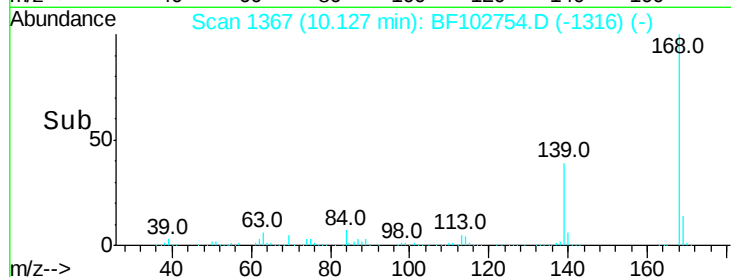
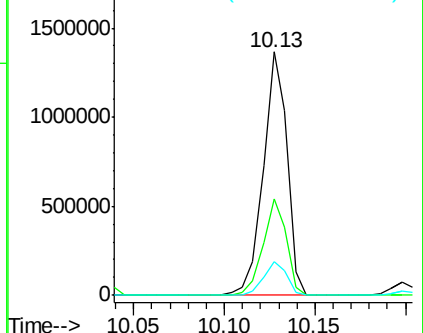
169 14.0 10.9 16.3



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: 81.227 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

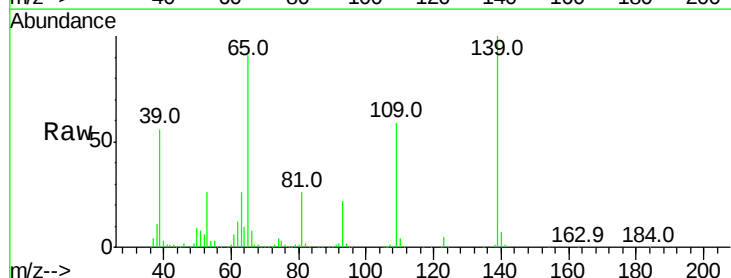
Tgt Ion:139 Resp: 413901

Ion Ratio Lower Upper

139 100

109 59.3 48.4 88.4

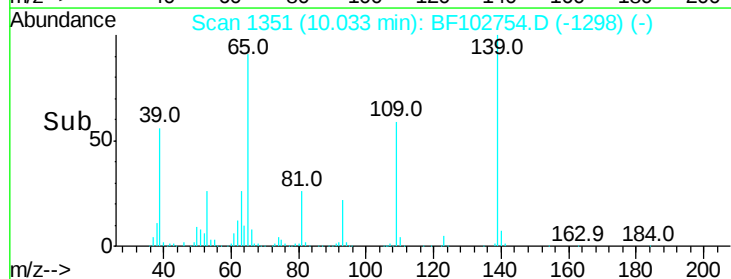
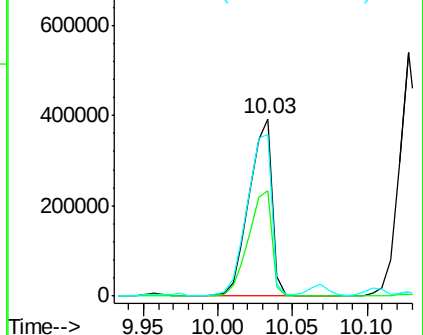
65 91.0 72.6 112.6

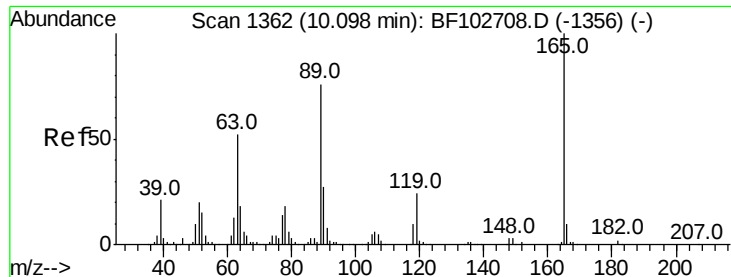


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 48.038 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 324425

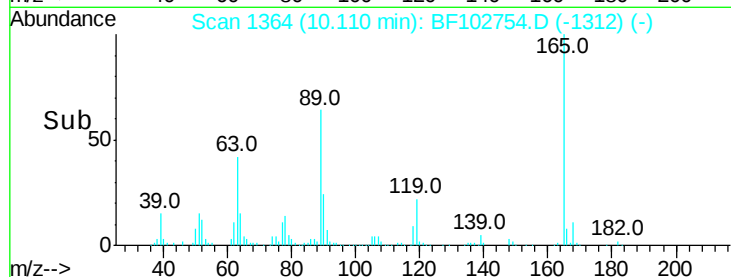
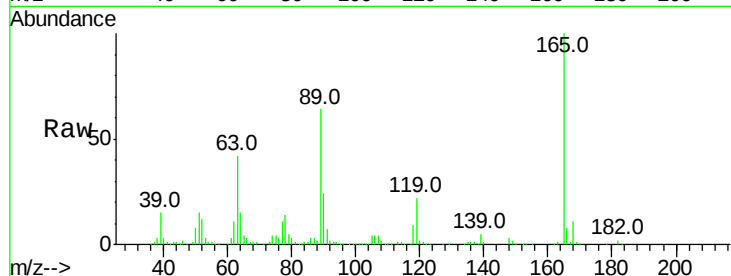
Ion Ratio Lower Upper

165 100

63 42.0 36.4 54.6

89 63.7 57.8 86.6

182 2.4 1.6 2.4#

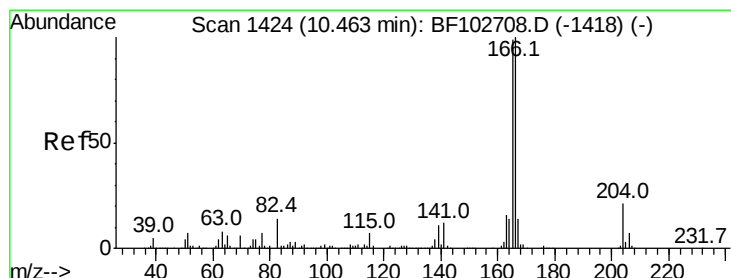
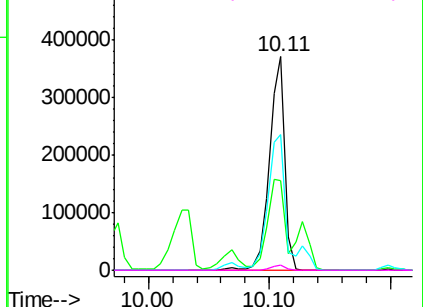


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 41.916 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

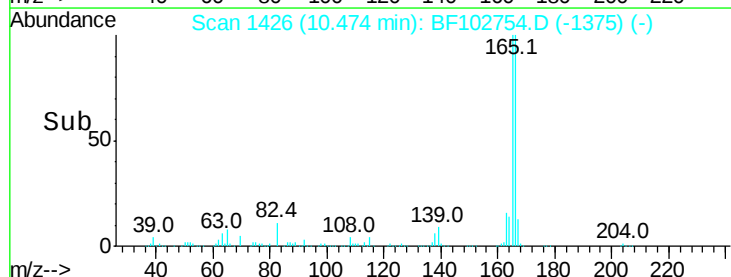
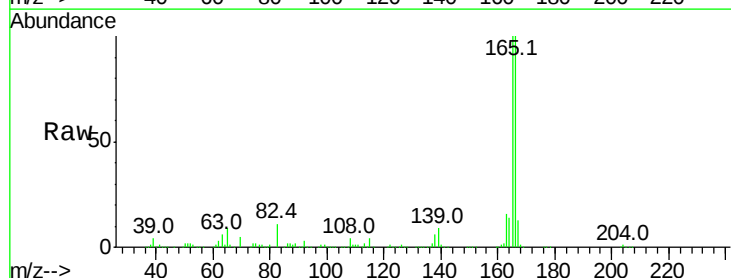
Tgt Ion:166 Resp: 898522

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

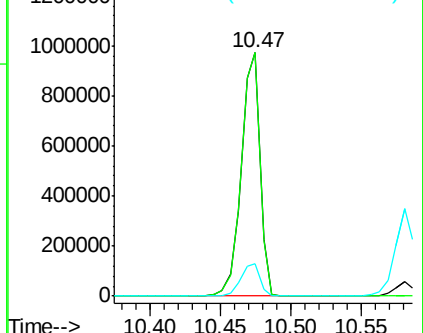
167 13.4 10.6 16.0

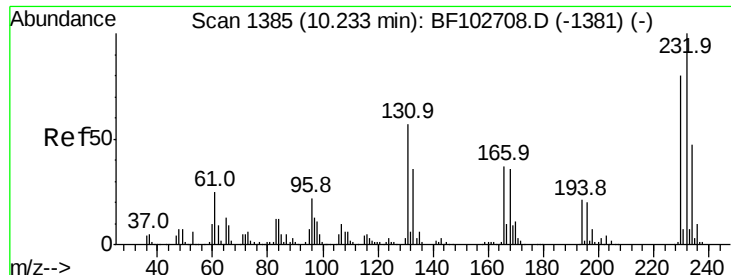


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 48.531 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 230142

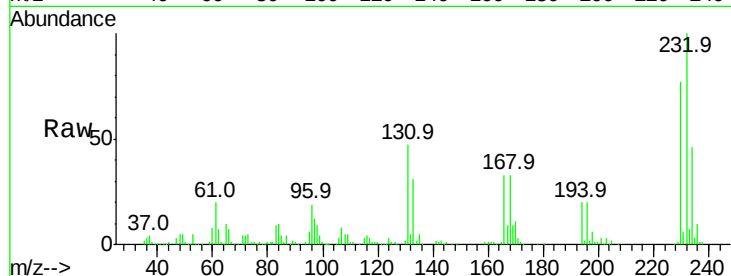
Ion Ratio Lower Upper

232 100

131 53.9 43.8 65.8

130 2.4 2.1 3.1

166 35.5 27.8 41.6

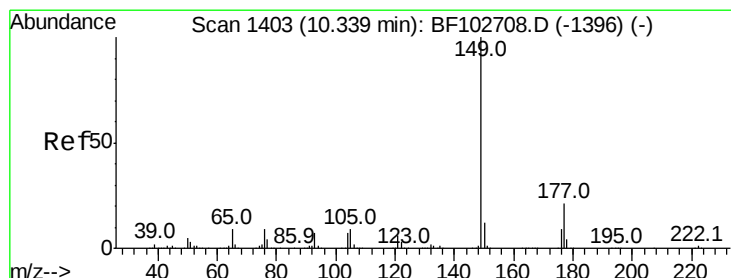
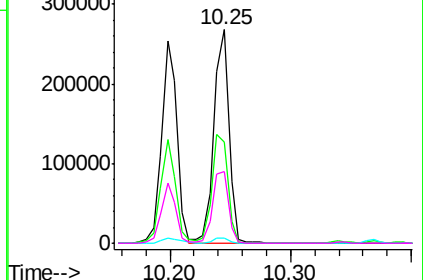
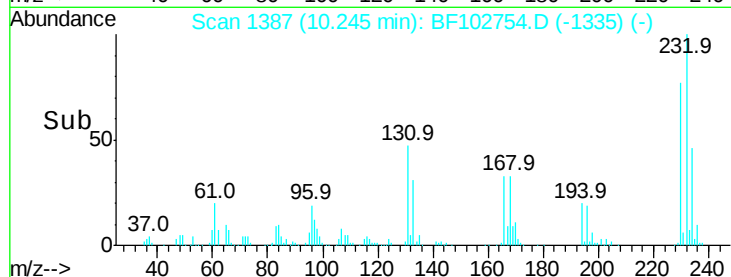


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 42.122 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

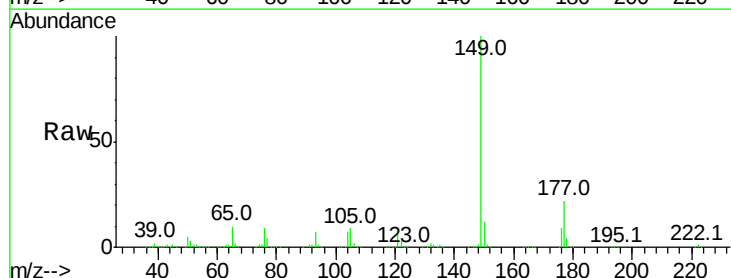
Tgt Ion:149 Resp: 1100778

Ion Ratio Lower Upper

149 100

177 21.6 16.1 24.1

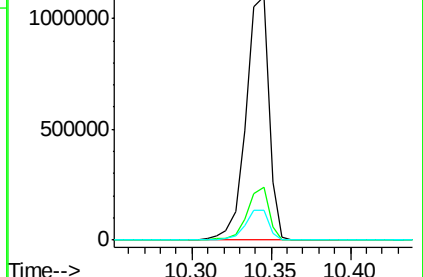
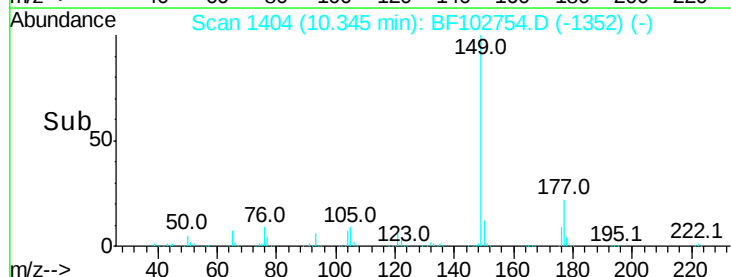
150 12.3 10.1 15.1

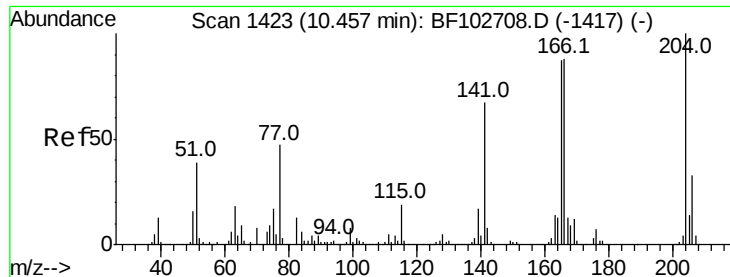


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

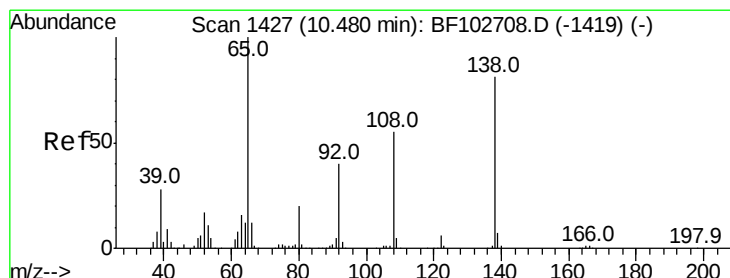
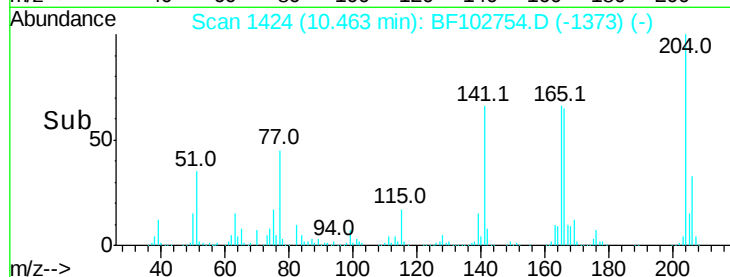
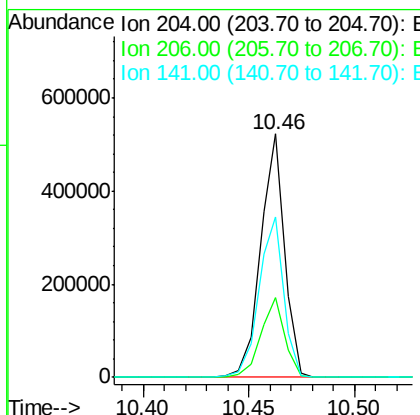
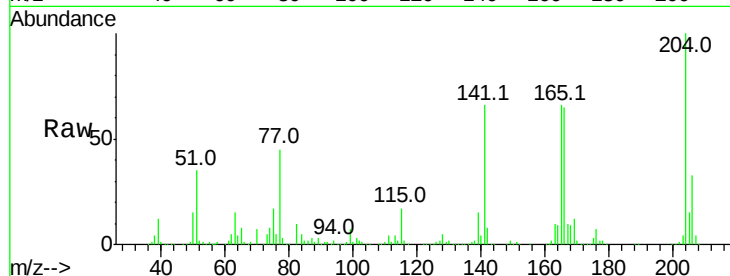




#60
4-Chlorophenyl-phenylether
Concen: 43.520 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

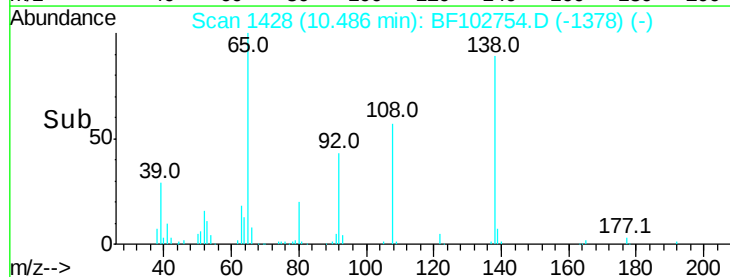
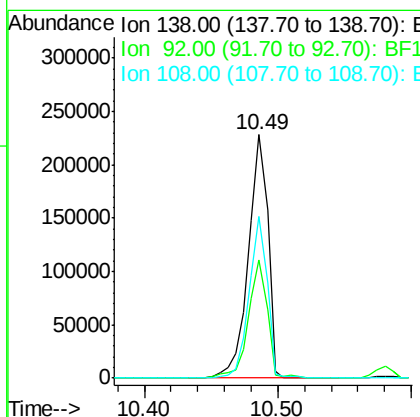
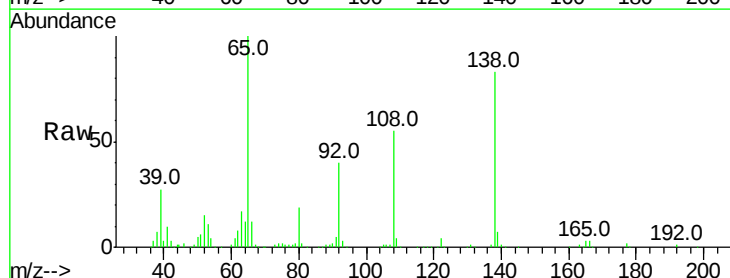
Instrument :
BNA_F
ClientSampled :

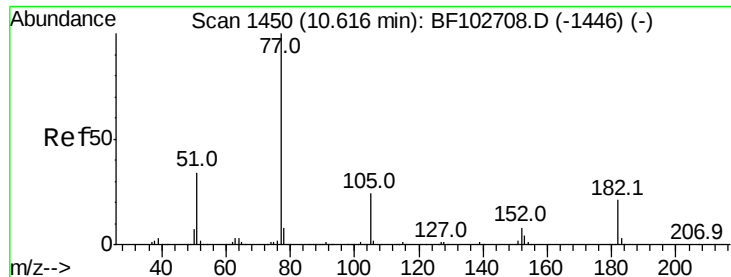
Tot Ion:204 Resp: 412688
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 65.8 54.6 81.8



#61
4-Nitroaniline
Concen: 38.748 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:138 Resp: 228510
Ion Ratio Lower Upper
138 100
92 48.4 30.2 70.2
108 66.2 52.5 92.5





#62

Azobenzene

Concen: 40.414 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1055092

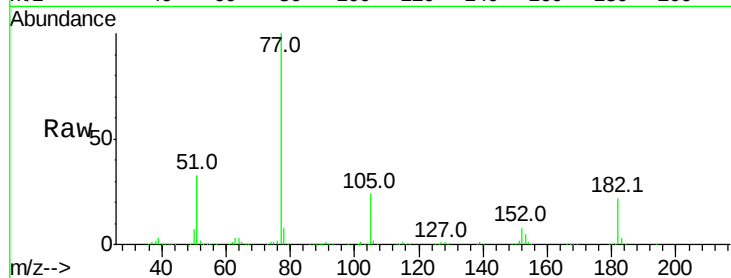
Ion	Ratio	Lower	Upper
77	100		
182	21.8	1.7	41.7
105	24.0	3.0	43.0
51	33.2	9.9	49.9

77 100

182 21.8 1.7 41.7

105 24.0 3.0 43.0

51 33.2 9.9 49.9

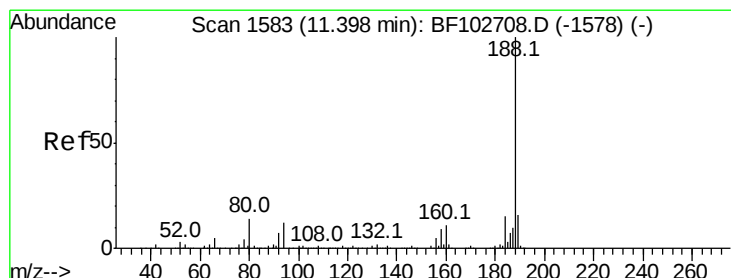
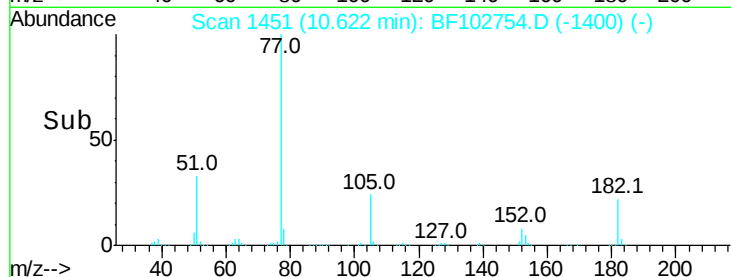
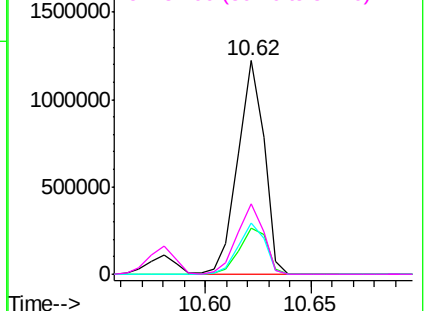


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

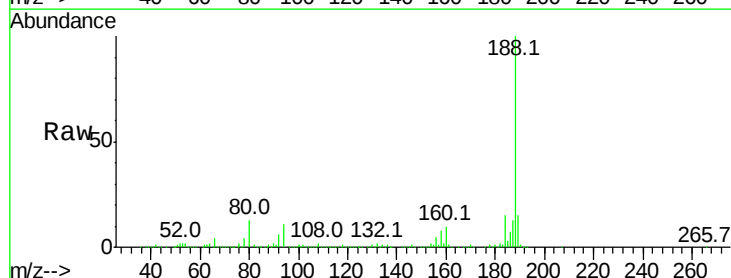
Tgt Ion: 188 Resp: 520446

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	13.0	9.2	13.8

188 100

94 10.7 8.5 12.7

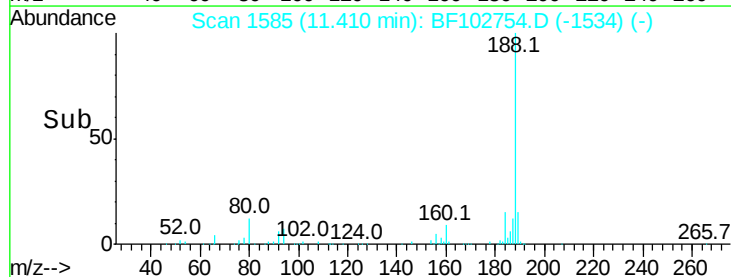
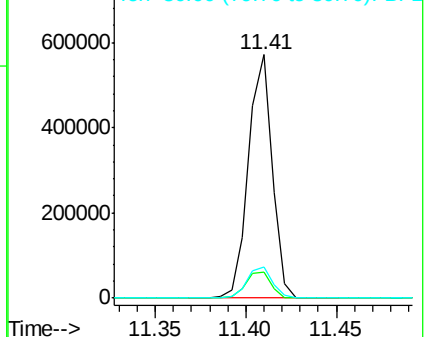
80 13.0 9.2 13.8

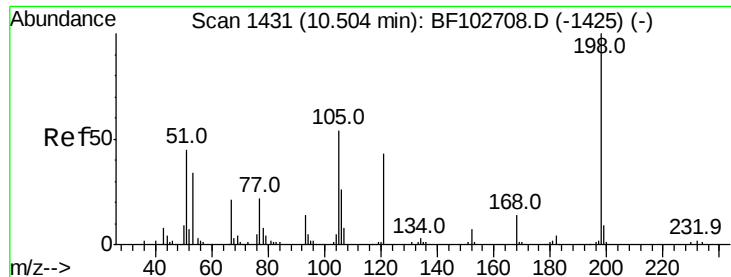


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

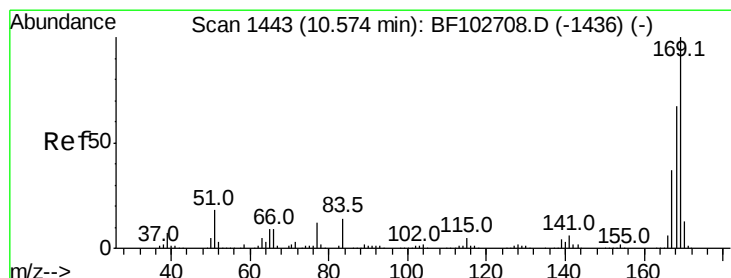
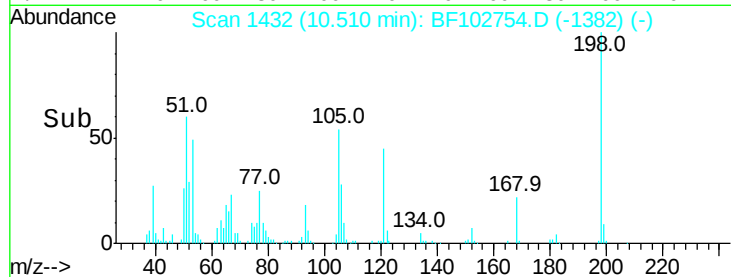
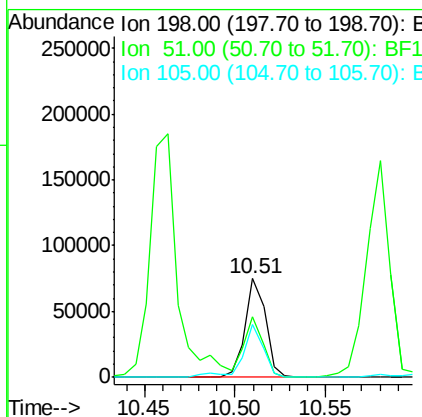
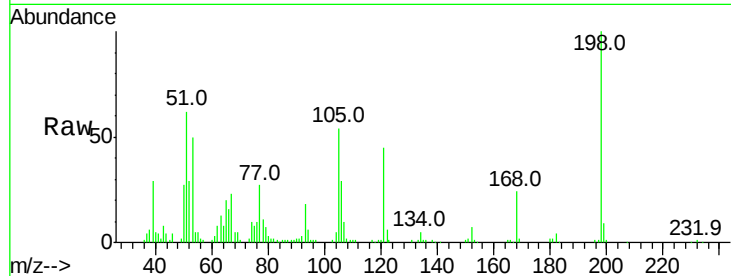




#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.325 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

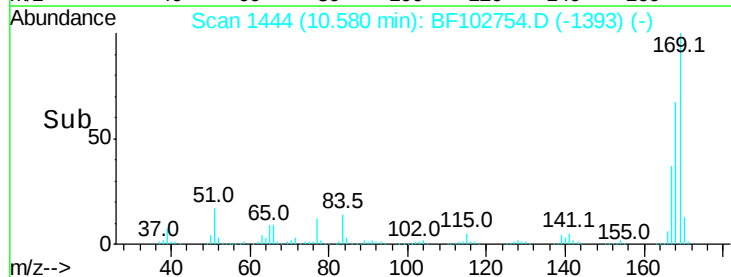
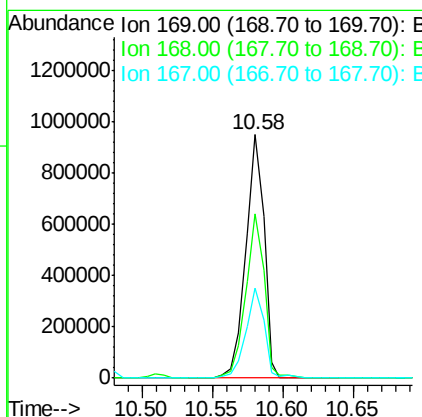
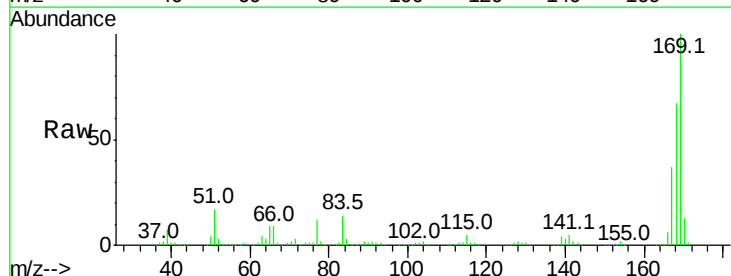
Instrument :
 BNA_F
 ClientSampled :

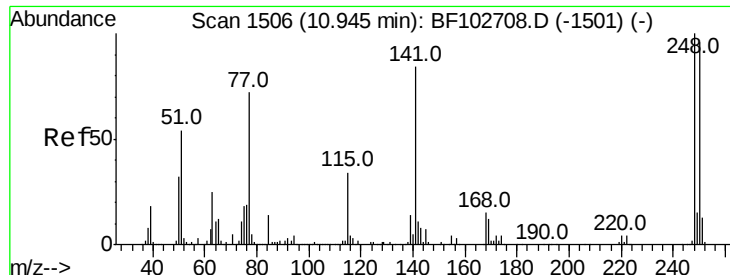
Tot Ion:198 Resp: 59426
 Ion Ratio Lower Upper
 198 100
 51 62.0 37.7 77.7
 105 53.5 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 46.931 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion:169 Resp: 861541
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.4 81.6
 167 36.8 29.8 44.6

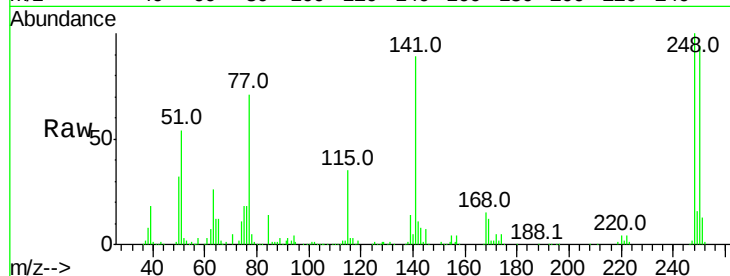




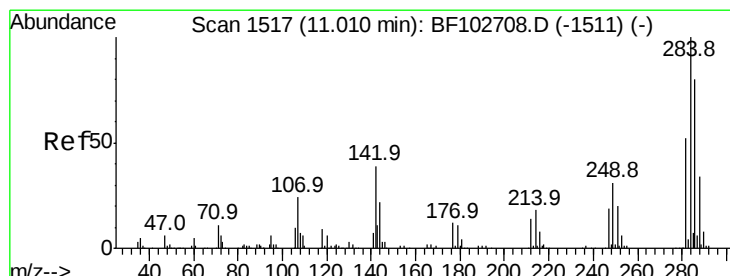
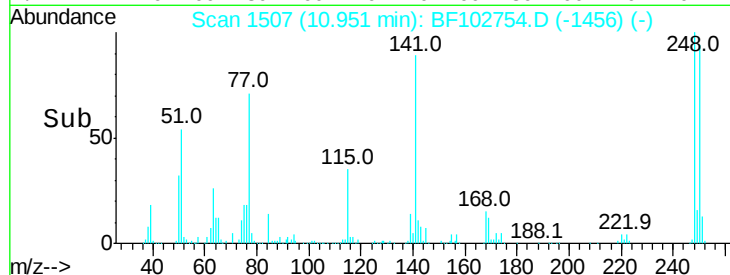
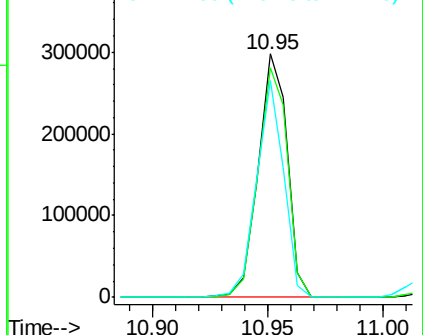
#66
4-Bromophenyl-phenylether
Concen: 47.424 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 261084
Ion Ratio Lower Upper
248 100
250 94.3 76.9 115.3
141 88.9 74.4 111.6

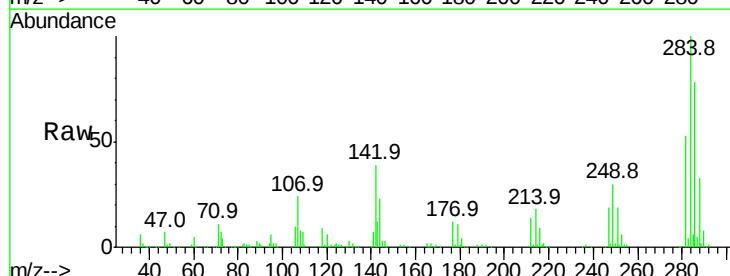


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

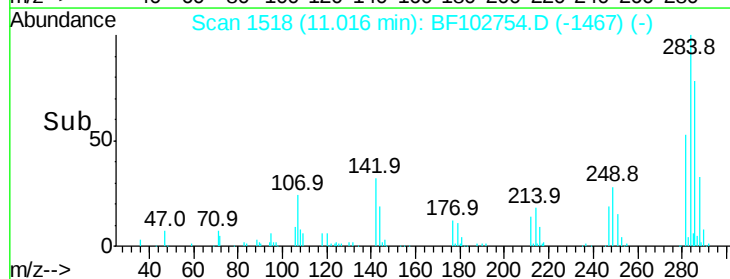
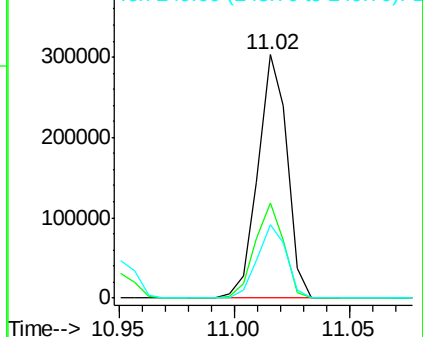


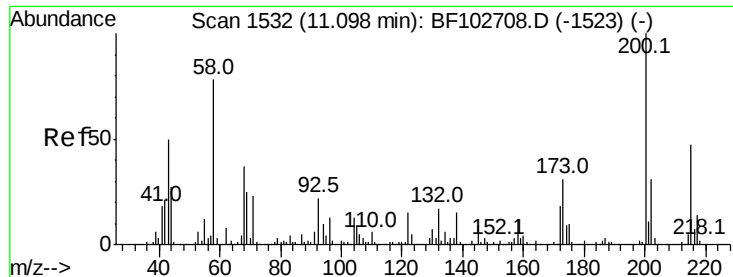
#67
Hexachlorobenzene
Concen: 43.941 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:284 Resp: 266870
Ion Ratio Lower Upper
284 100
142 39.3 34.6 52.0
249 30.3 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

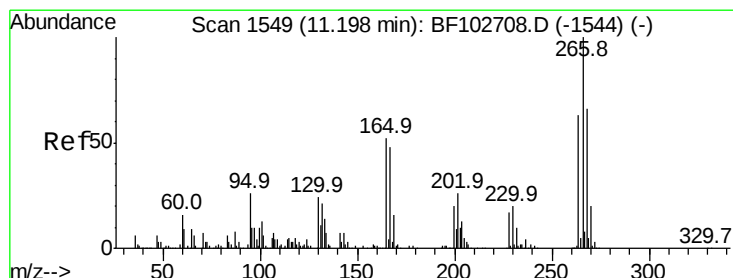
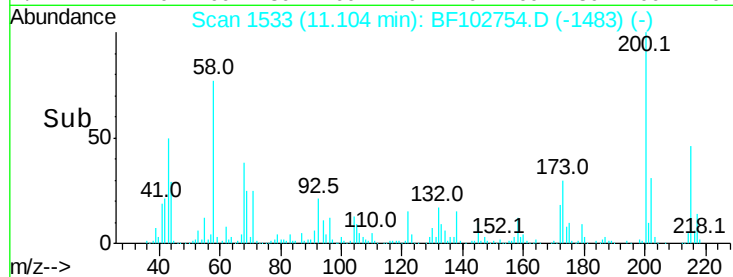
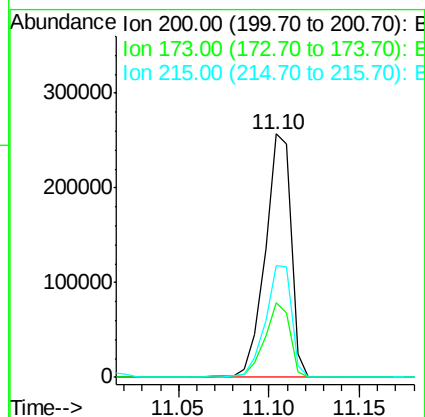
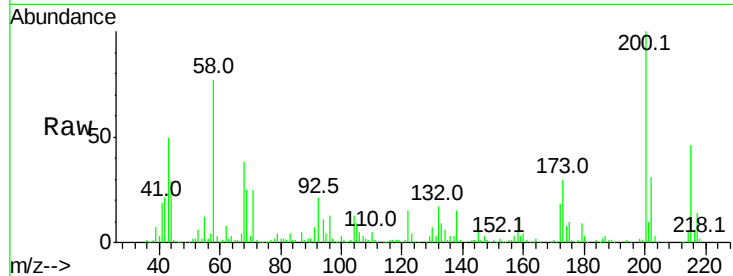




#68
Atrazine
Concen: 47.200 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

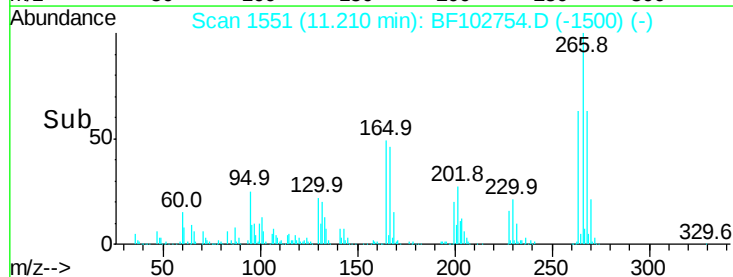
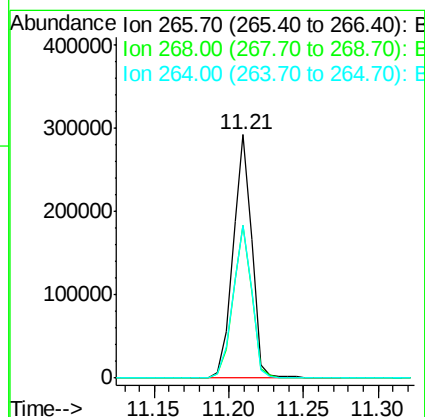
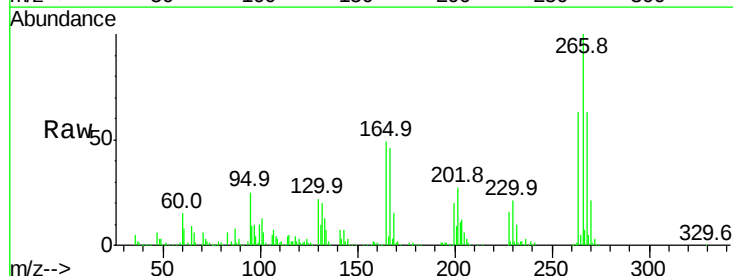
Instrument :
BNA_F
ClientSampleId :

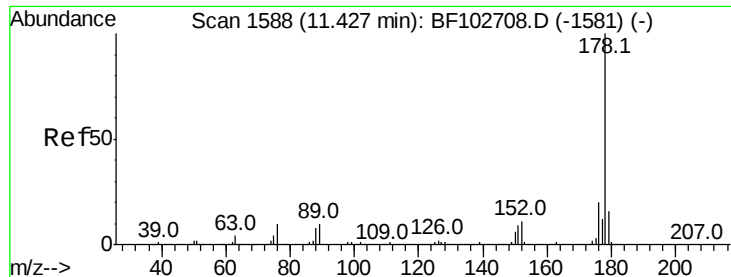
Tot Ion:200 Resp: 255620
Ion Ratio Lower Upper
200 100
173 30.5 8.6 48.6
215 46.1 25.1 65.1



#69
Pentachlorophenol
Concen: 73.148 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:266 Resp: 260788
Ion Ratio Lower Upper
266 100
268 62.5 51.1 76.7
264 62.9 49.5 74.3





#70

Phenanthrene

Concen: 41.777 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

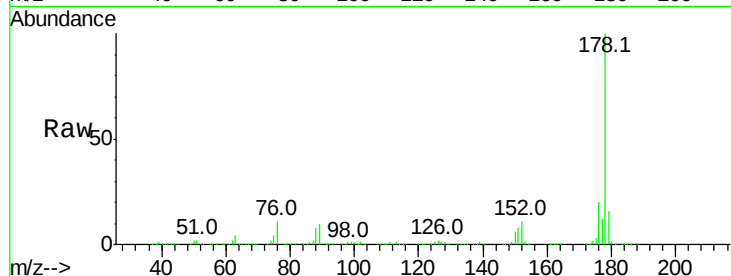
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1210914

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	13.0	19.6

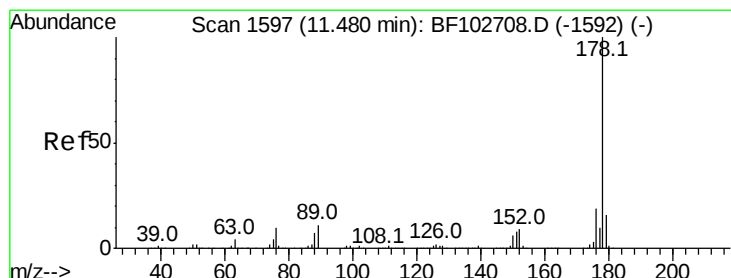
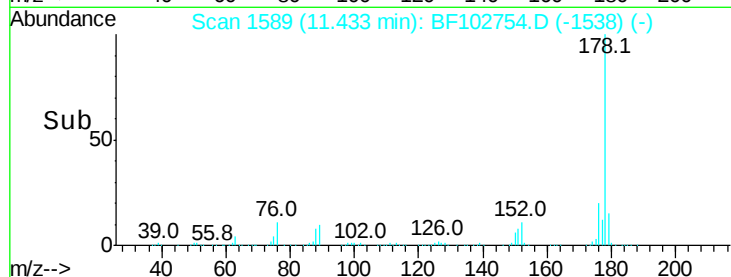
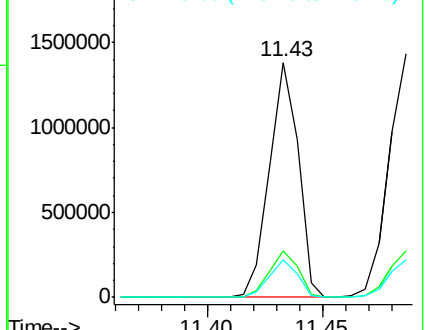


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 42.180 ng

RT: 11.49 min Scan# 1598

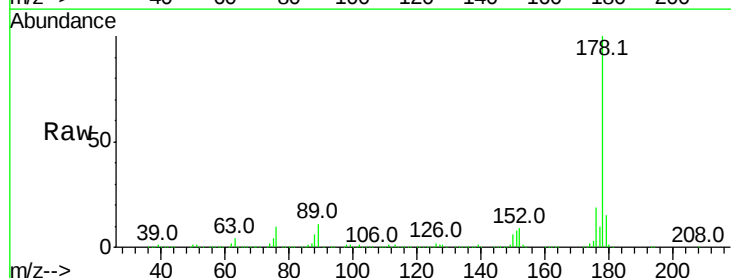
Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Tgt Ion:178 Resp: 1243499

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

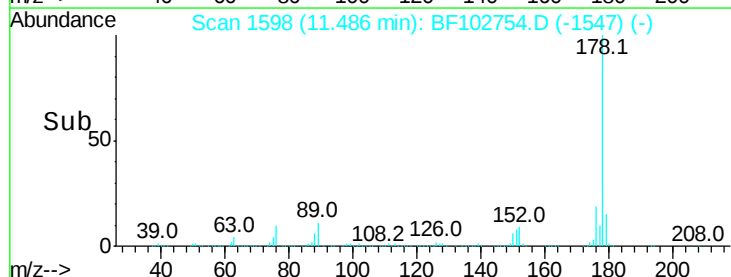
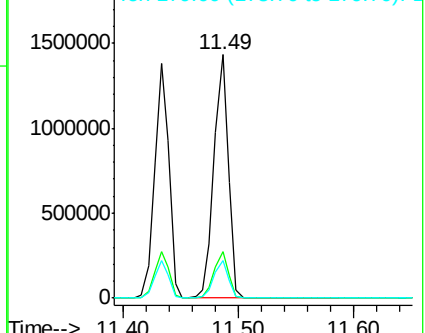


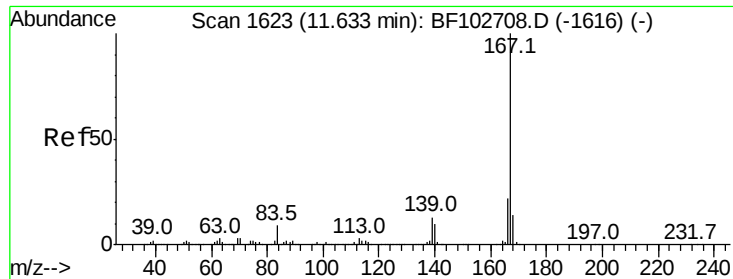
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



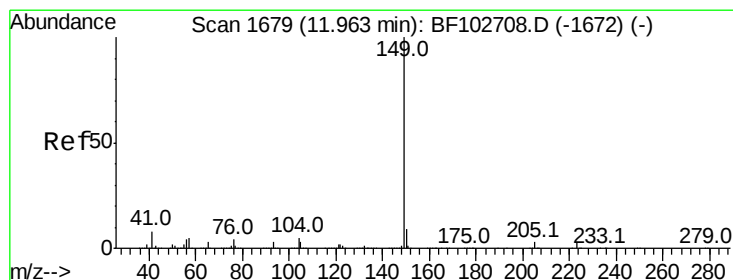
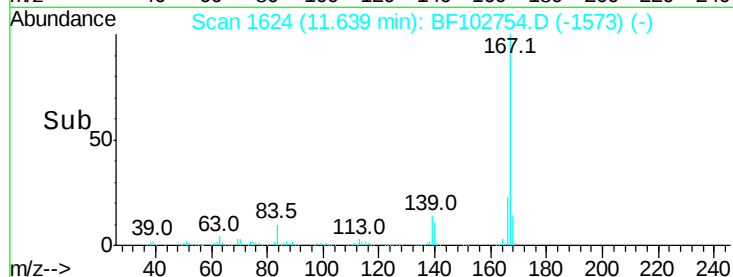
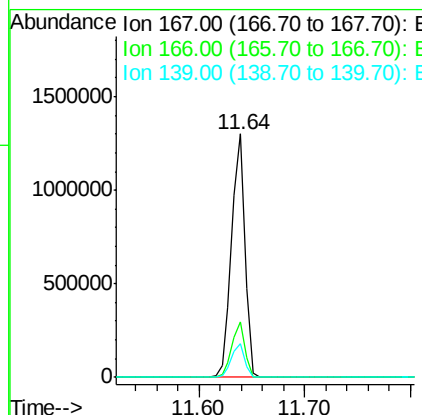
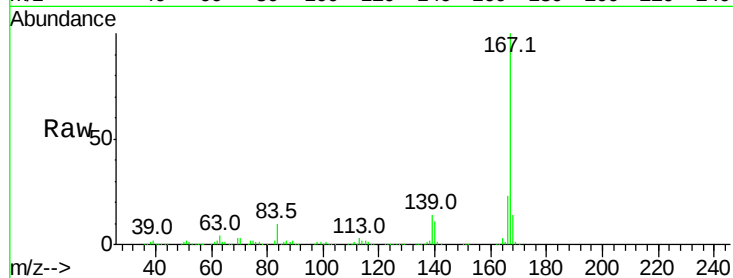


#72
 Carbazole
 Concen: 39.580 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1143147

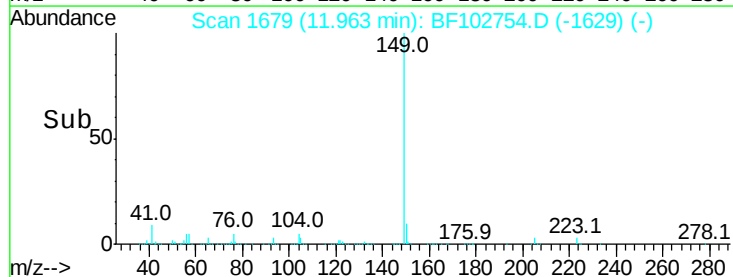
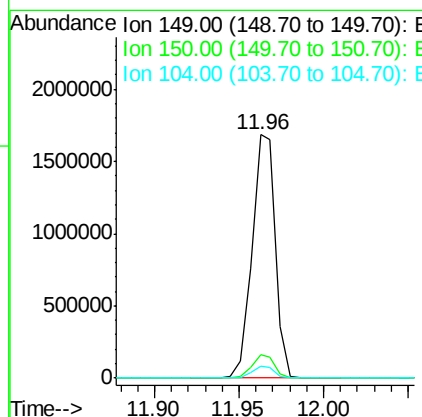
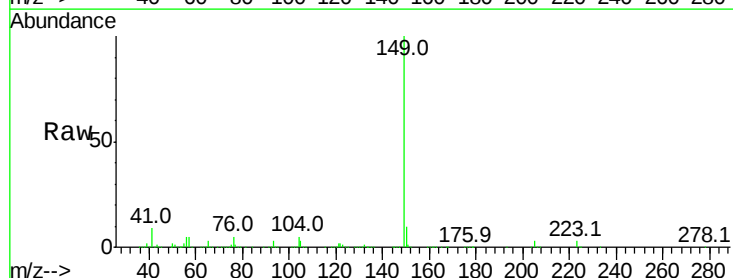
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.8	10.9	16.3

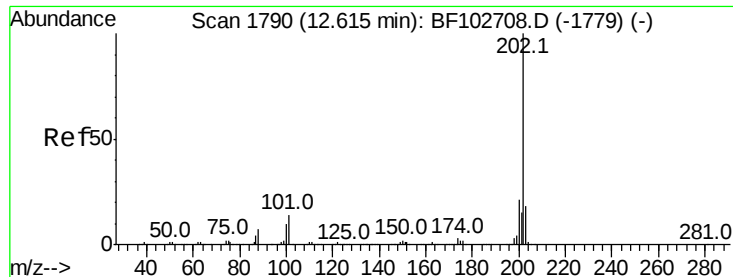


#73
 Di-n-butylphthalate
 Concen: 46.184 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF102754.D
 Acq: 5 Feb 2018 23:30

Tgt Ion:149 Resp: 1620309

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.0	3.8	5.8

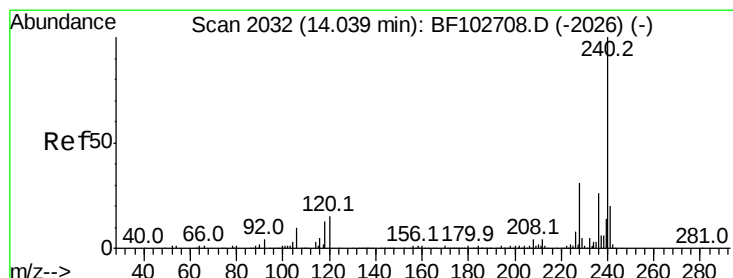
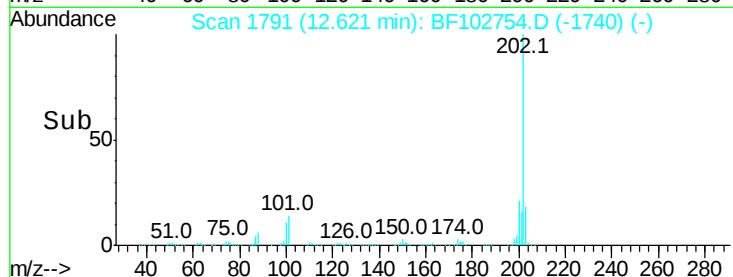
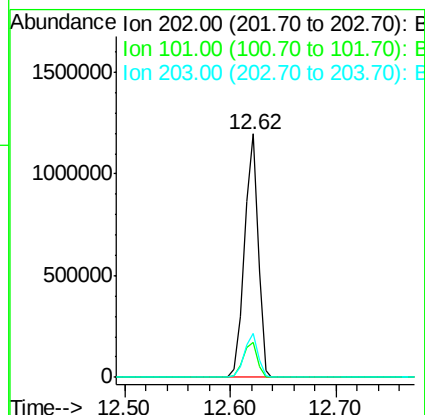
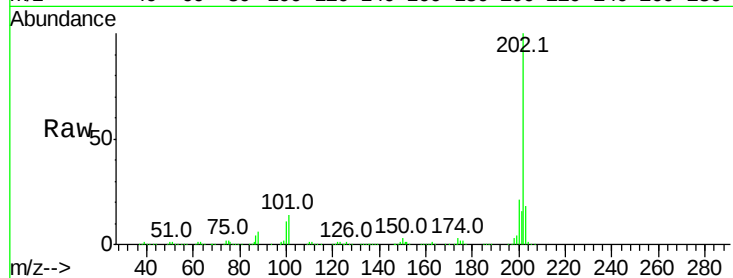




#74
Fluoranthene
Concen: 35.989 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

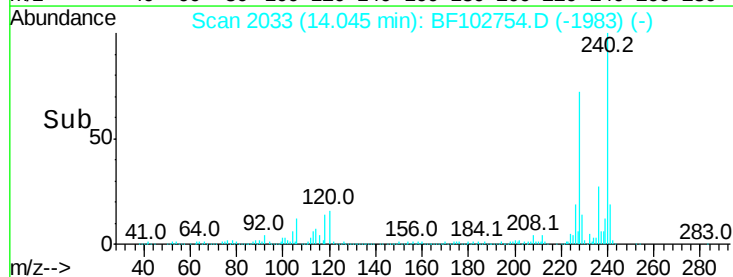
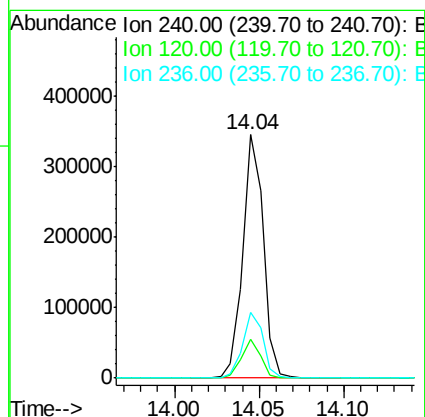
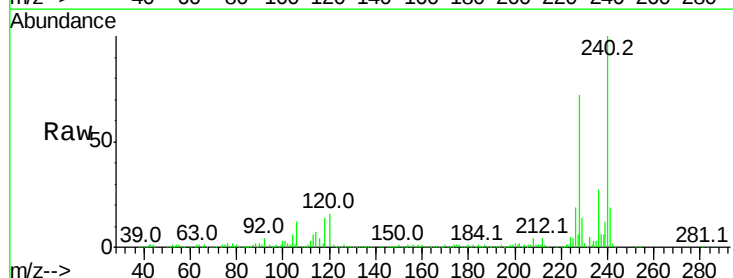
Instrument :
BNA_F
ClientSampleId :

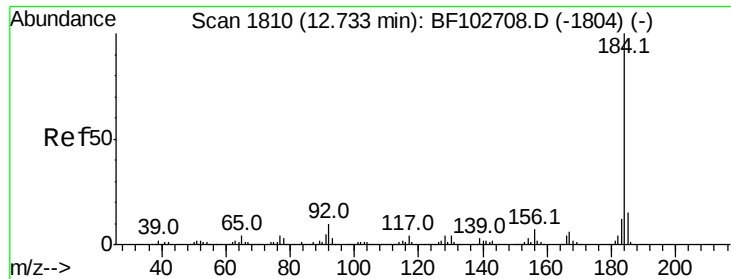
Tot Ion:202 Resp: 1049533
Ion Ratio Lower Upper
202 100
101 14.4 0.0 34.1
203 18.1 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:240 Resp: 292185
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 27.2 20.7 31.1

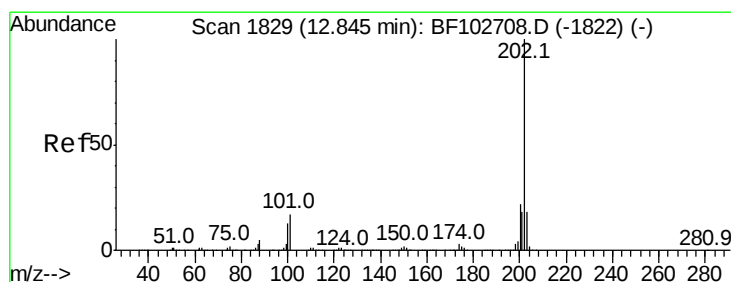
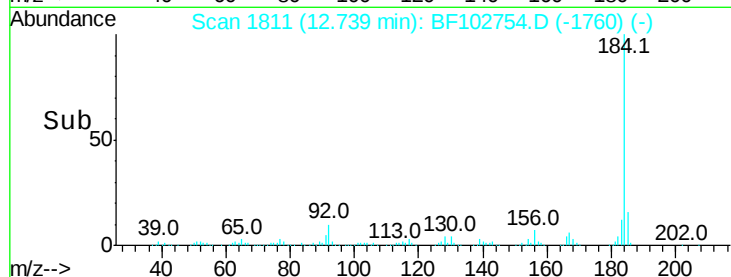
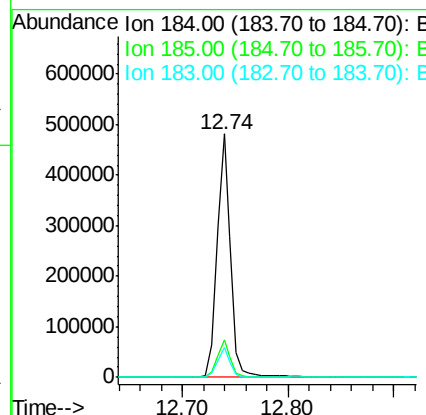
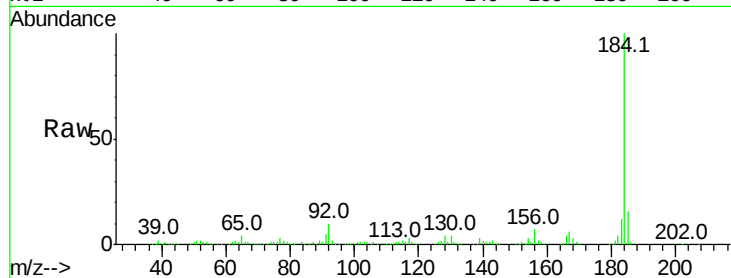




#76
Benzidine
Concen: 32.513 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

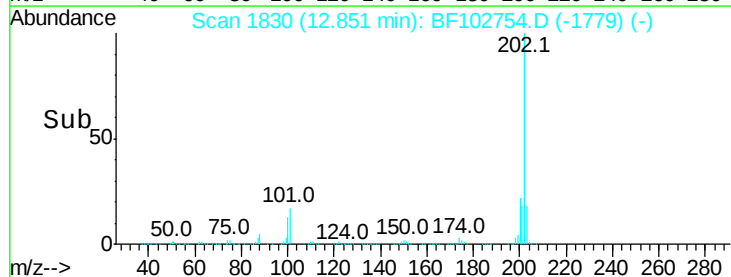
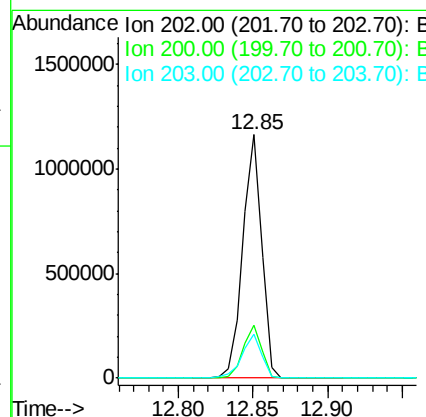
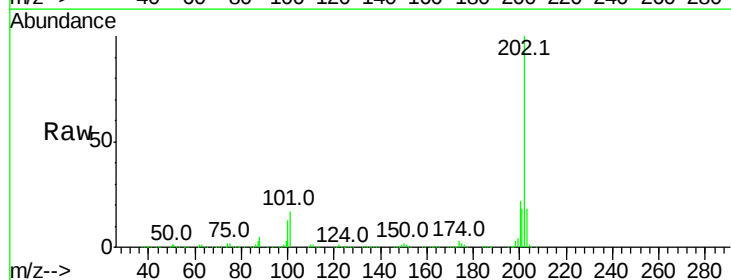
Instrument :
BNA_F
ClientSampleId :

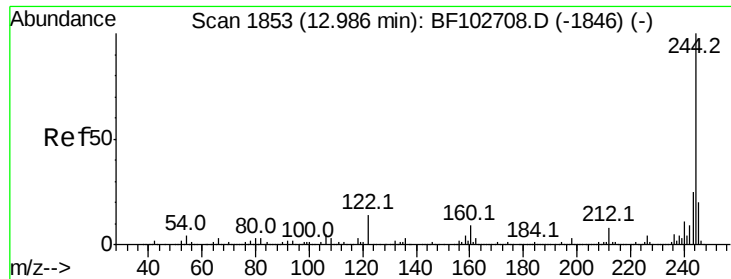
Tot Ion:184 Resp: 436617
Ion Ratio Lower Upper
184 100
185 15.5 12.6 18.8
183 12.0 9.3 13.9



#77
Pyrene
Concen: 45.233 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:202 Resp: 1036376
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.8 14.3 21.5





#78

Terphenyl-d14

Concen: 105.636 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampleId :

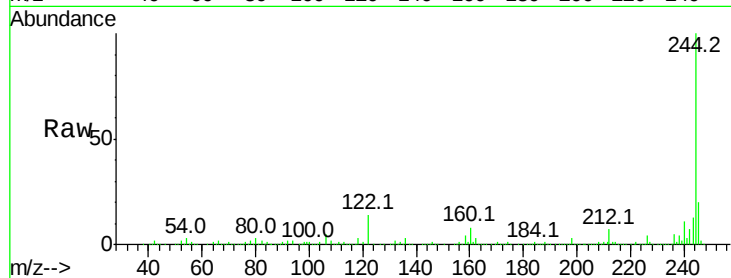
Tot Ion:244 Resp: 1303554

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

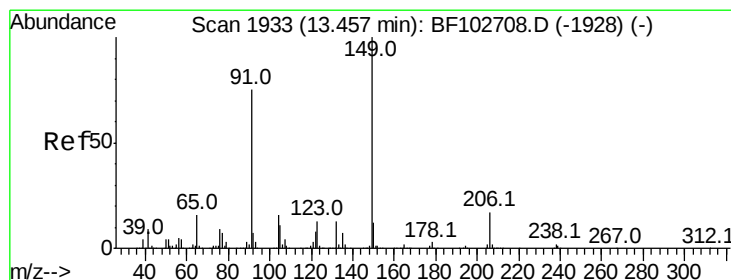
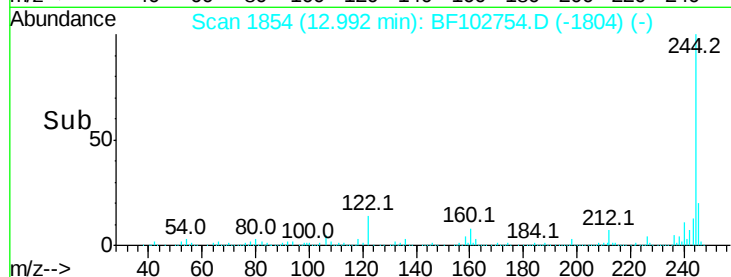
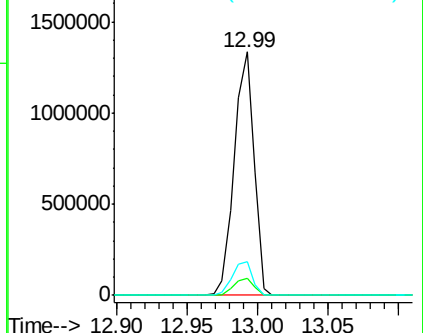
122 14.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 52.092 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

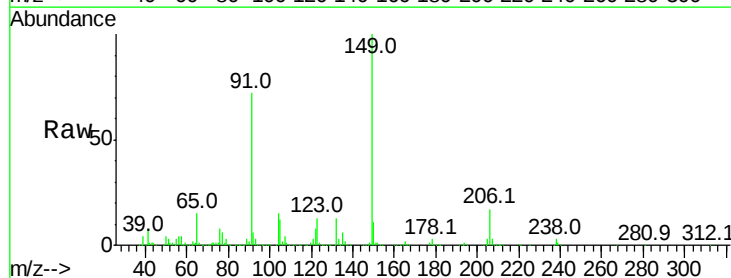
Tgt Ion:149 Resp: 571881

Ion Ratio Lower Upper

149 100

91 72.0 56.8 85.2

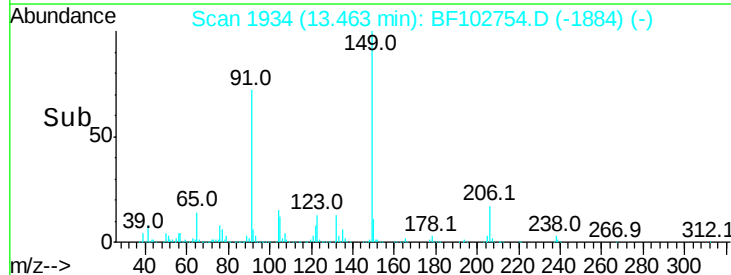
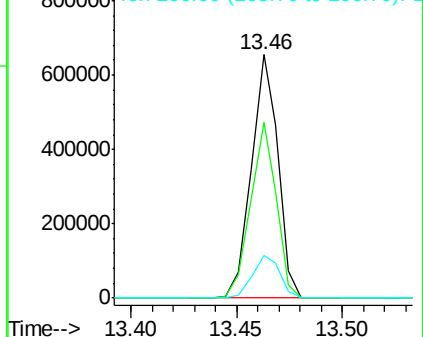
206 17.3 14.1 21.1

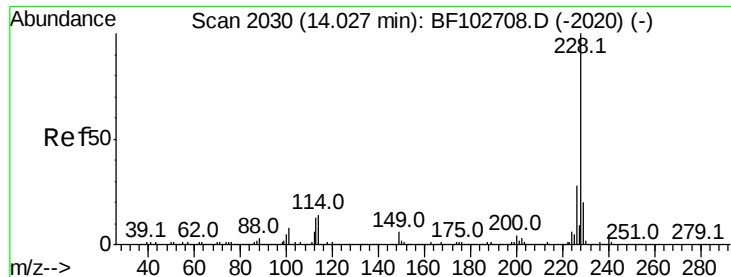


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

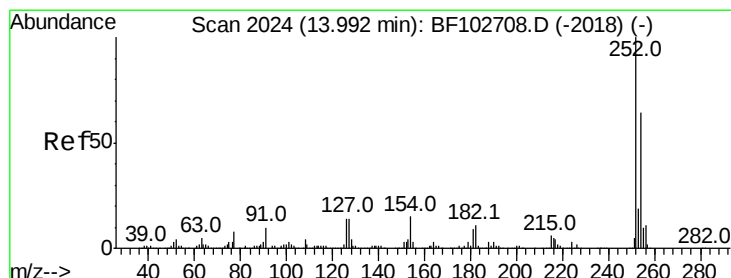
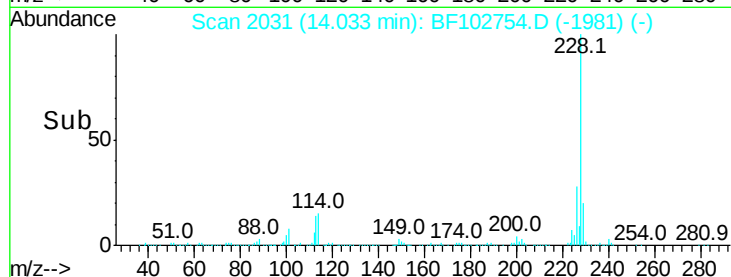
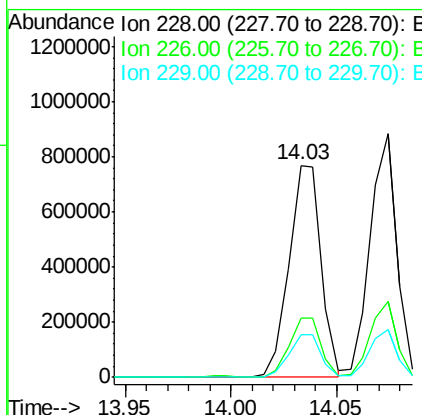
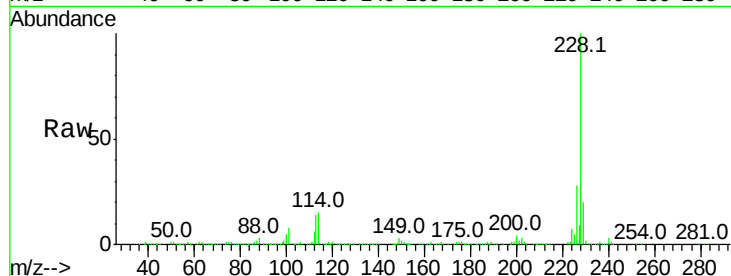




#80
Benzo(a)anthracene
Concen: 44.215 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

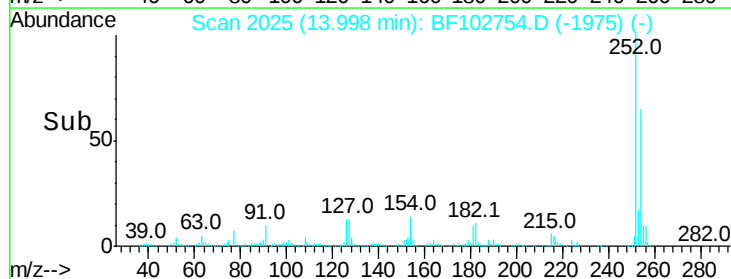
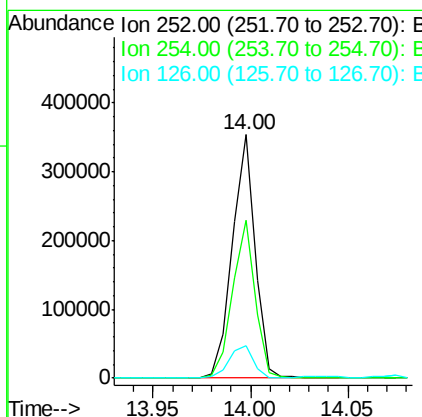
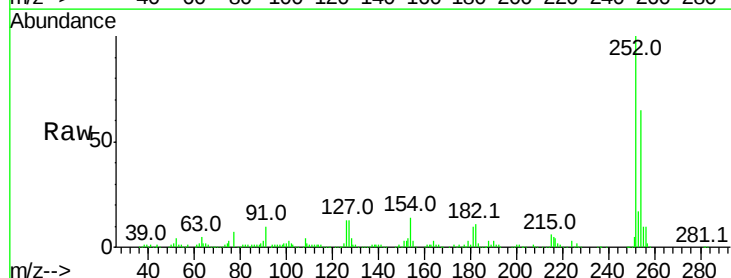
Instrument :
BNA_F
ClientSampled :

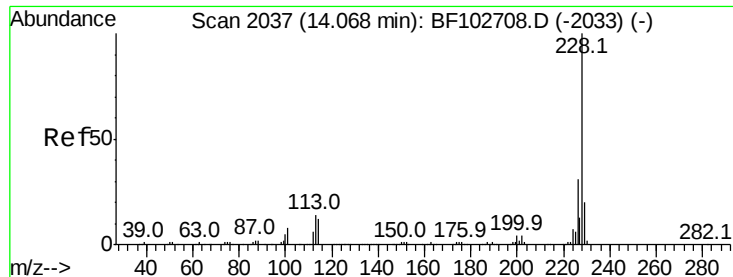
Tot Ion:228 Resp: 812478
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.2 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 42.254 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:252 Resp: 287886
Ion Ratio Lower Upper
252 100
254 64.7 50.4 75.6
126 13.4 11.3 16.9





#82

Chrysene

Concen: 42.308 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

Instrument :

BNA_F

ClientSampled :

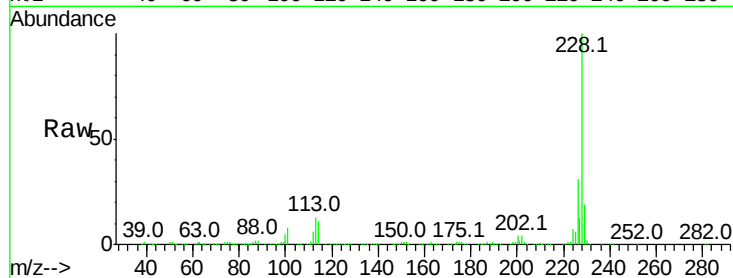
Tot Ion:228 Resp: 783702

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

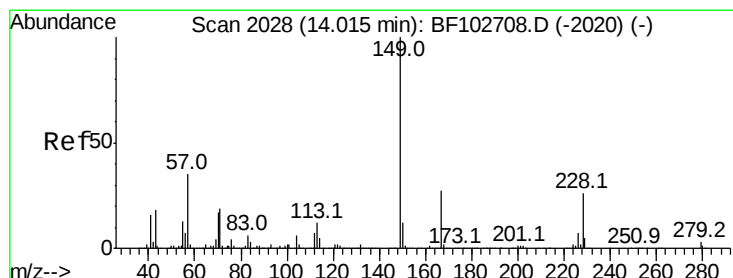
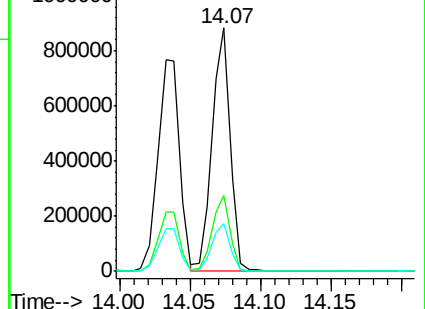
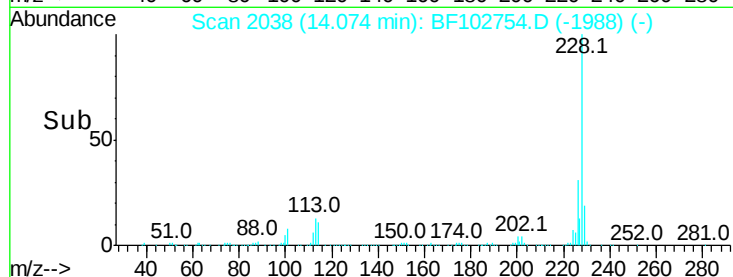
229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 55.210 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102754.D

Acq: 5 Feb 2018 23:30

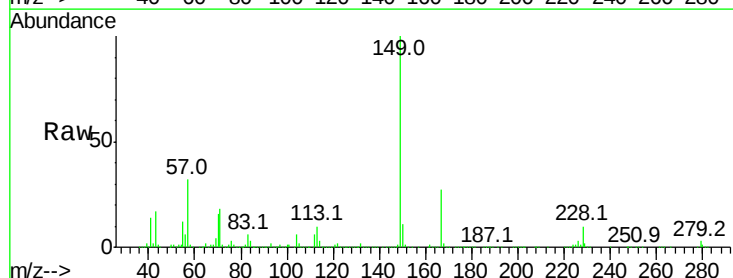
Tgt Ion:149 Resp: 774904

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

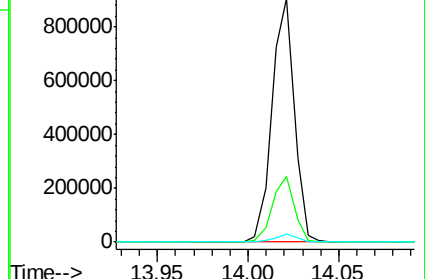
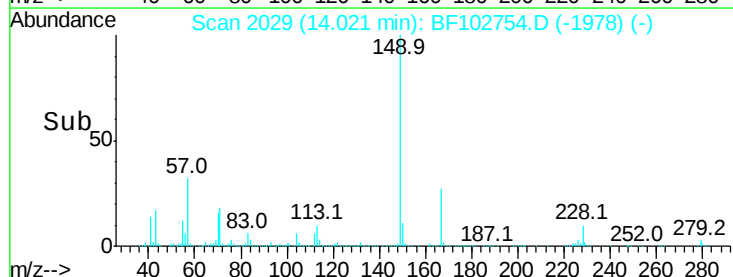
279 3.3 3.0 4.4

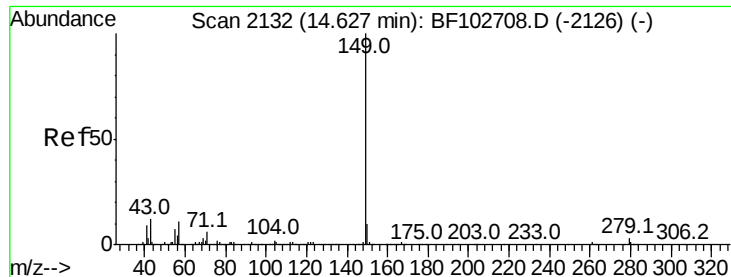


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

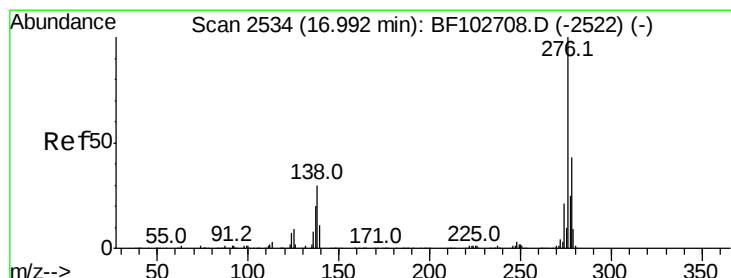
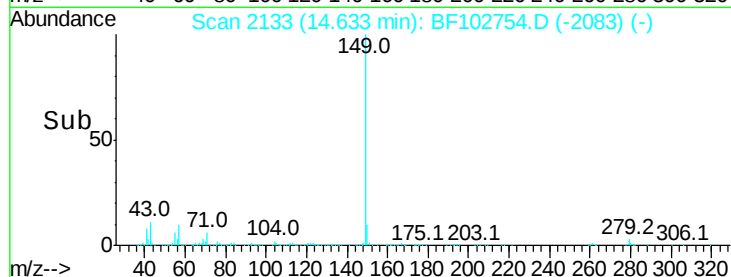
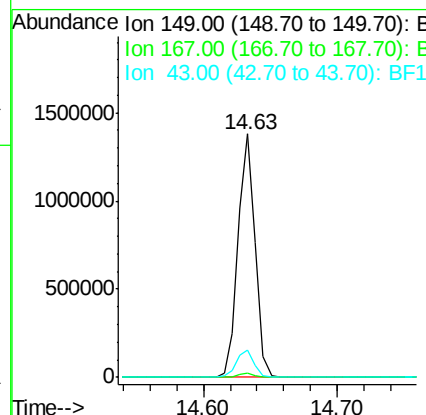
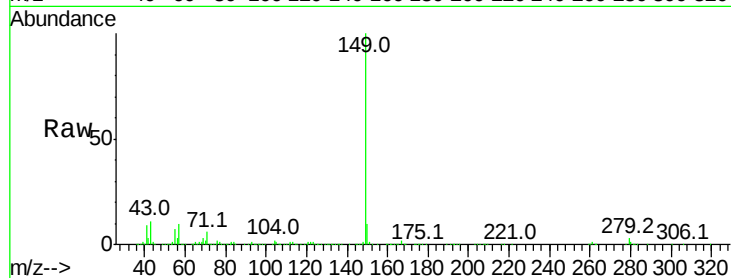




#84
Di-n-octyl phthalate
Concen: 58.859 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

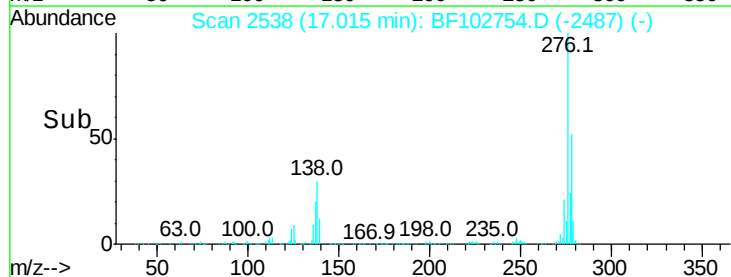
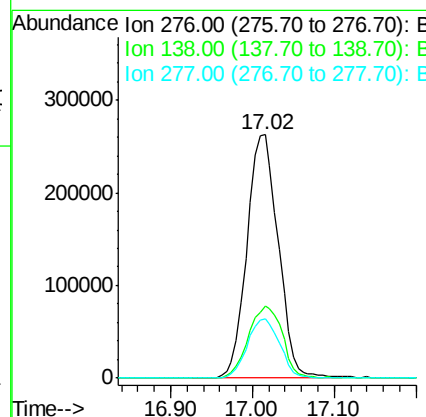
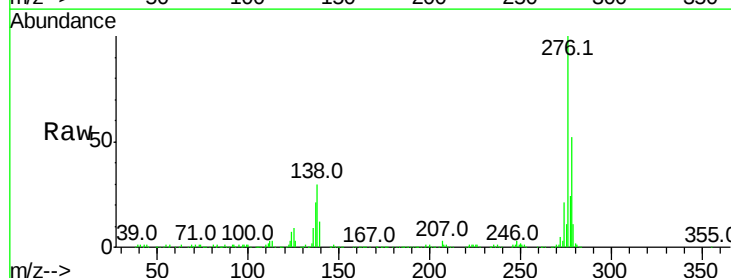
Instrument :
BNA_F
ClientSampleId :

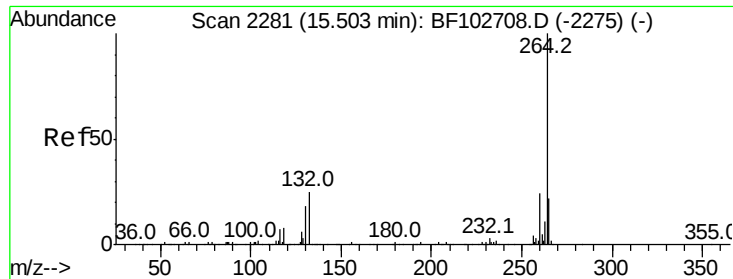
Tot Ion:149 Resp: 1240432
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 45.635 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:276 Resp: 701099
Ion Ratio Lower Upper
276 100
138 32.3 25.0 37.6
277 25.2 20.1 30.1



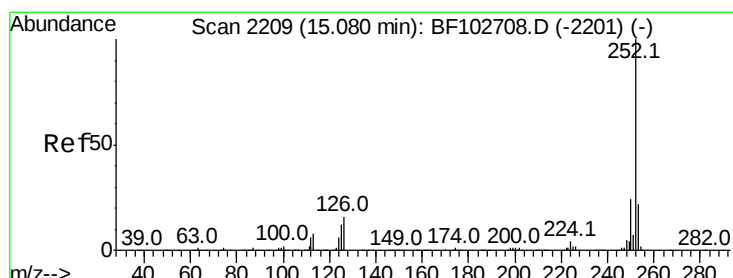
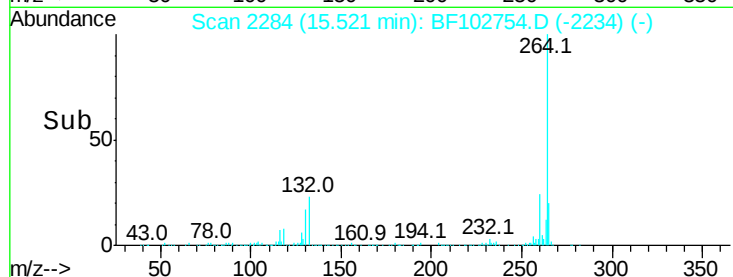
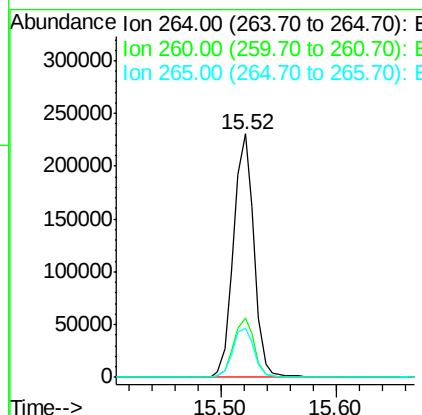
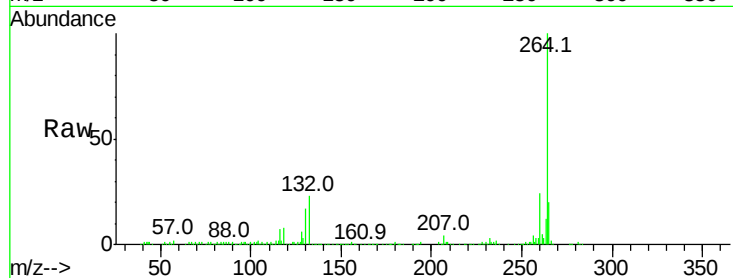


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 282455

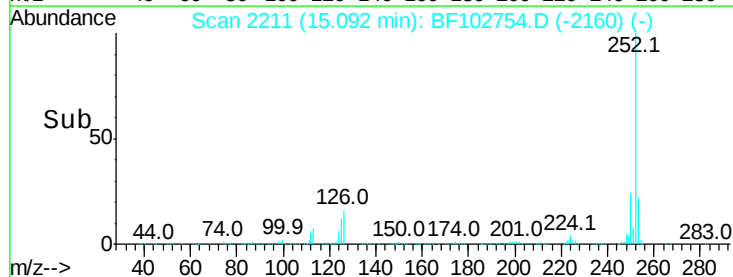
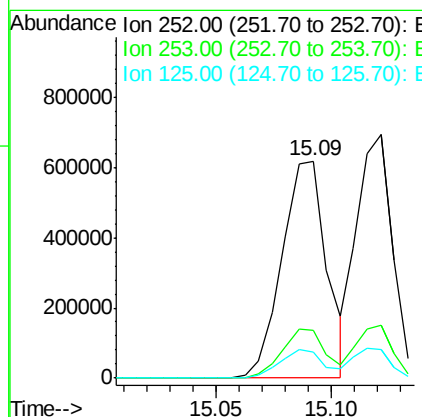
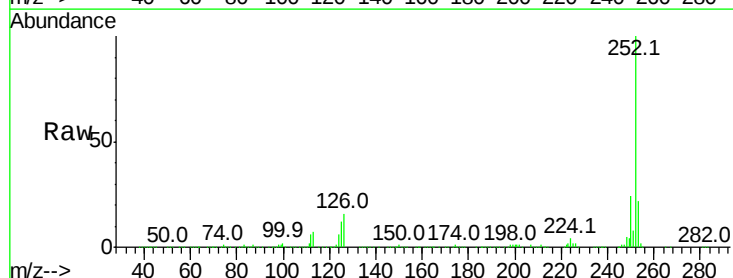
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.3	17.5	26.3

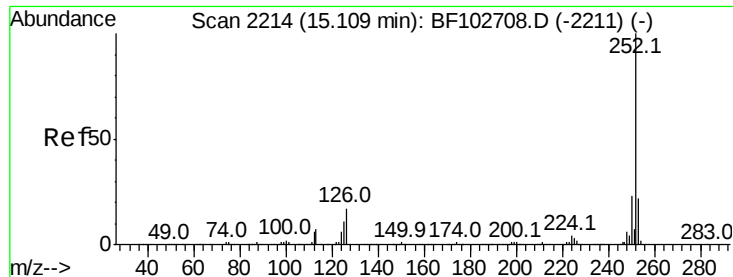


#87
Benzo(b)fluoranthene
Concen: 45.492 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:252 Resp: 833085

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.8	9.0	13.6

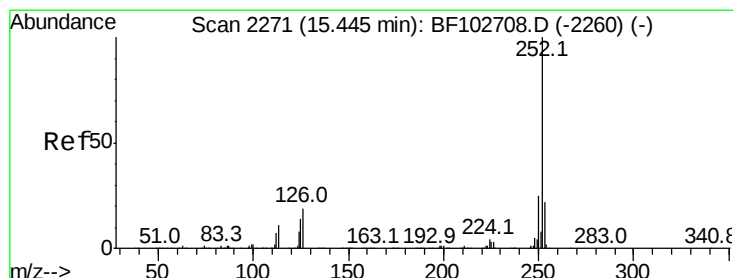
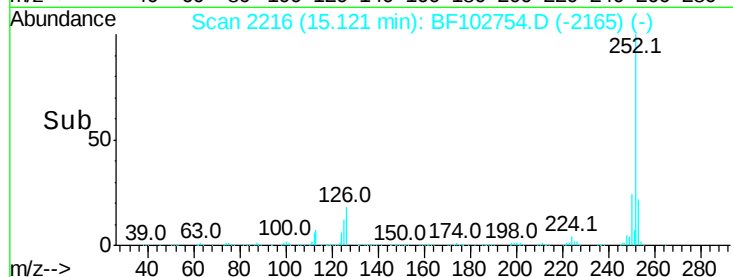
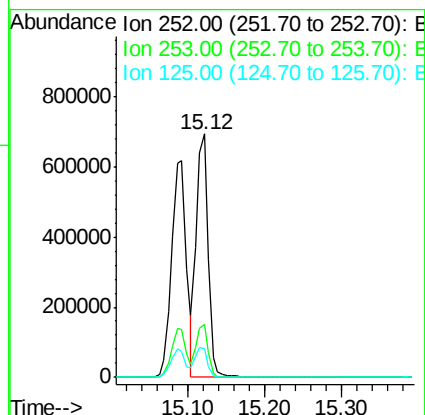
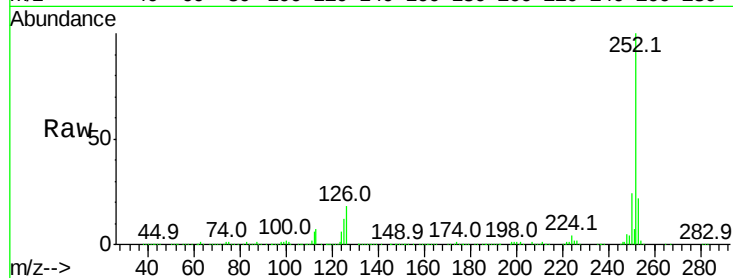




#88
Benzo(k)fluoranthene
Concen: 43.354 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

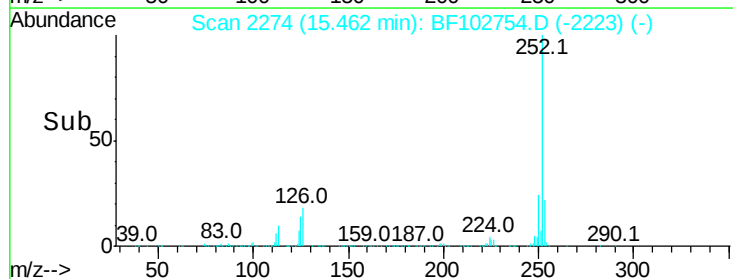
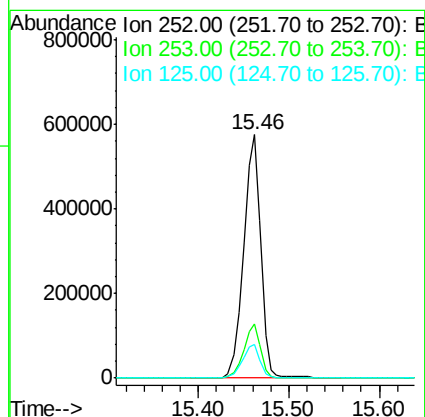
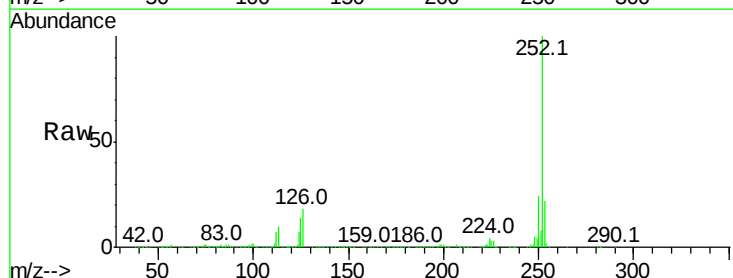
Instrument :
BNA_F
ClientSampleId :

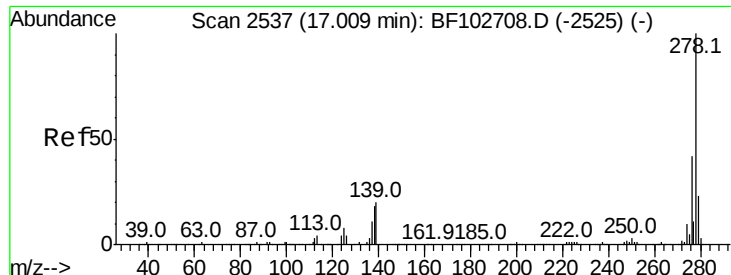
Tot Ion:252 Resp: 758582
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 11.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 46.187 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:252 Resp: 761327
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.8 9.8 14.6



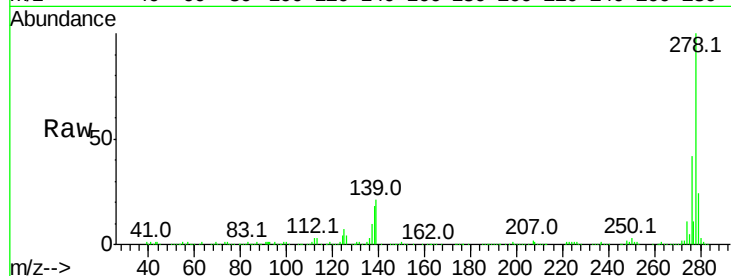


#90
Dibenzo(a,h)anthracene
Concen: 45.277 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

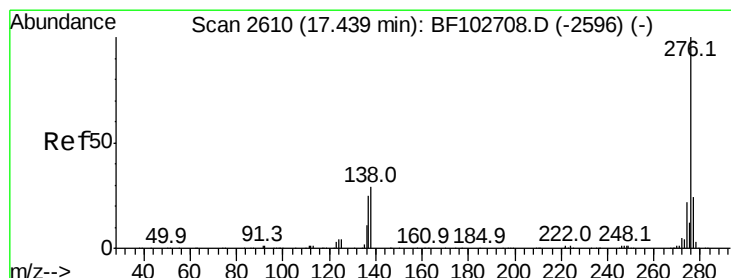
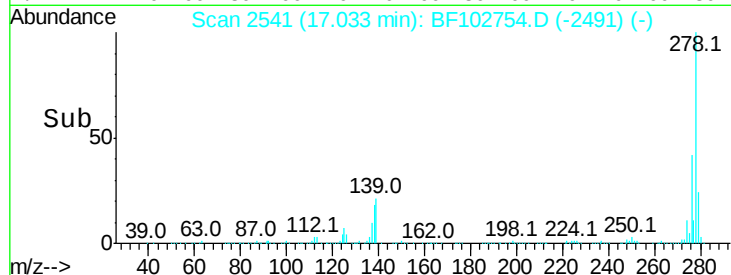
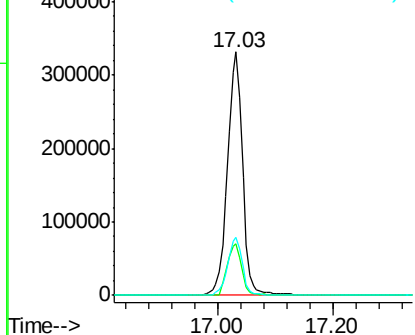
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 605774

Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	23.6	19.0	28.4



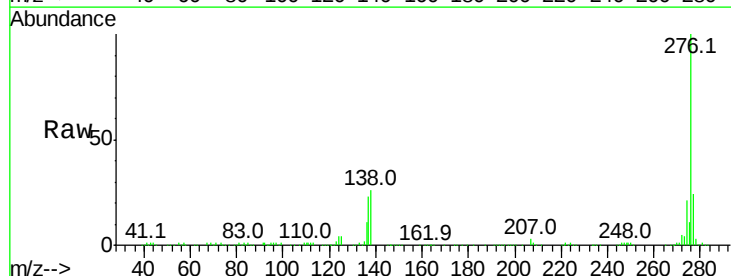
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 42.753 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF102754.D
Acq: 5 Feb 2018 23:30

Tgt Ion:276 Resp: 559867

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	26.1	21.8	32.8



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

