

Data Path : U:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102813.D
 Acq On : 7 Feb 2018 14:14
 Operator : SJ/JU
 Sample : J1458-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 01:33:21 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	189583	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	807824	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	371578	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	669005	20.00	ng	0.00
75) Chrysene-d12	14.05	240	461942	20.00	ng	0.00
86) Perylene-d12	15.53	264	374007	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1620608	129.82	ng	0.02
7) Phenol-d6	6.52	99	1977450	131.56	ng	0.01
23) Nitrobenzene-d5	7.45	82	1273904	109.39	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	440543	147.30	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1930407	86.21	ng	0.00
78) Terphenyl-d14	13.00	244	1835270	94.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	258219	41.879	ng	# 86
3) Pyridine	3.49	79	753437	44.228	ng	89
4) n-Nitrosodimethylamine	3.44	42	370947	50.894	ng	97
6) Aniline	6.55	93	644819	29.049	ng	98
8) 2-Chlorophenol	6.67	128	632033	49.178	ng	94
9) Benzaldehyde	6.43	77	210659	18.872	ng	96
10) Phenol	6.53	94	915969	56.863	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	622335	46.429	ng	91
12) 1,3-Dichlorobenzene	6.82	146	646447	43.436	ng	98
13) 1,4-Dichlorobenzene	6.90	146	657559	44.354	ng	99
14) 1,2-Dichlorobenzene	7.06	146	600922	43.518	ng	97
15) Benzyl Alcohol	7.02	79	562952	48.714	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1131503	44.438	ng	98
17) 2-Methylphenol	7.13	107	559241	47.175	ng	99
18) Hexachloroethane	7.39	117	242307	47.663	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	441522	44.552	ng	95
20) 3+4-Methylphenols	7.29	107	635840	43.494	ng	# 81
22) Acetophenone	7.29	105	859071	43.457	ng	# 92
24) Nitrobenzene	7.47	77	687488	50.198	ng	97
25) Isophorone	7.70	82	1300392	48.496	ng	99
26) 2-Nitrophenol	7.78	139	367964	62.248	ng	96
27) 2,4-Dimethylphenol	7.82	122	589936	52.075	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	805538	50.712	ng	99
29) 2,4-Dichlorophenol	8.02	162	536072	52.054	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	517581	44.426	ng	98
31) Naphthalene	8.19	128	1755600	44.481	ng	99
32) Benzoic acid	7.82	122	589936	65.342	ng	# 14
33) 4-Chloroaniline	8.23	127	308061	18.118	ng	99
34) Hexachlorobutadiene	8.30	225	257182	43.079	ng	100
35) Caprolactam	8.67	113	70194	19.626	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	611931	52.885	ng	99
37) 2-Methylnaphthalene	8.88	142	1186462	45.915	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	441195	43.607	ng	98
40) Hexachlorocyclopentadiene	9.03	237	442971	92.101	ng	100

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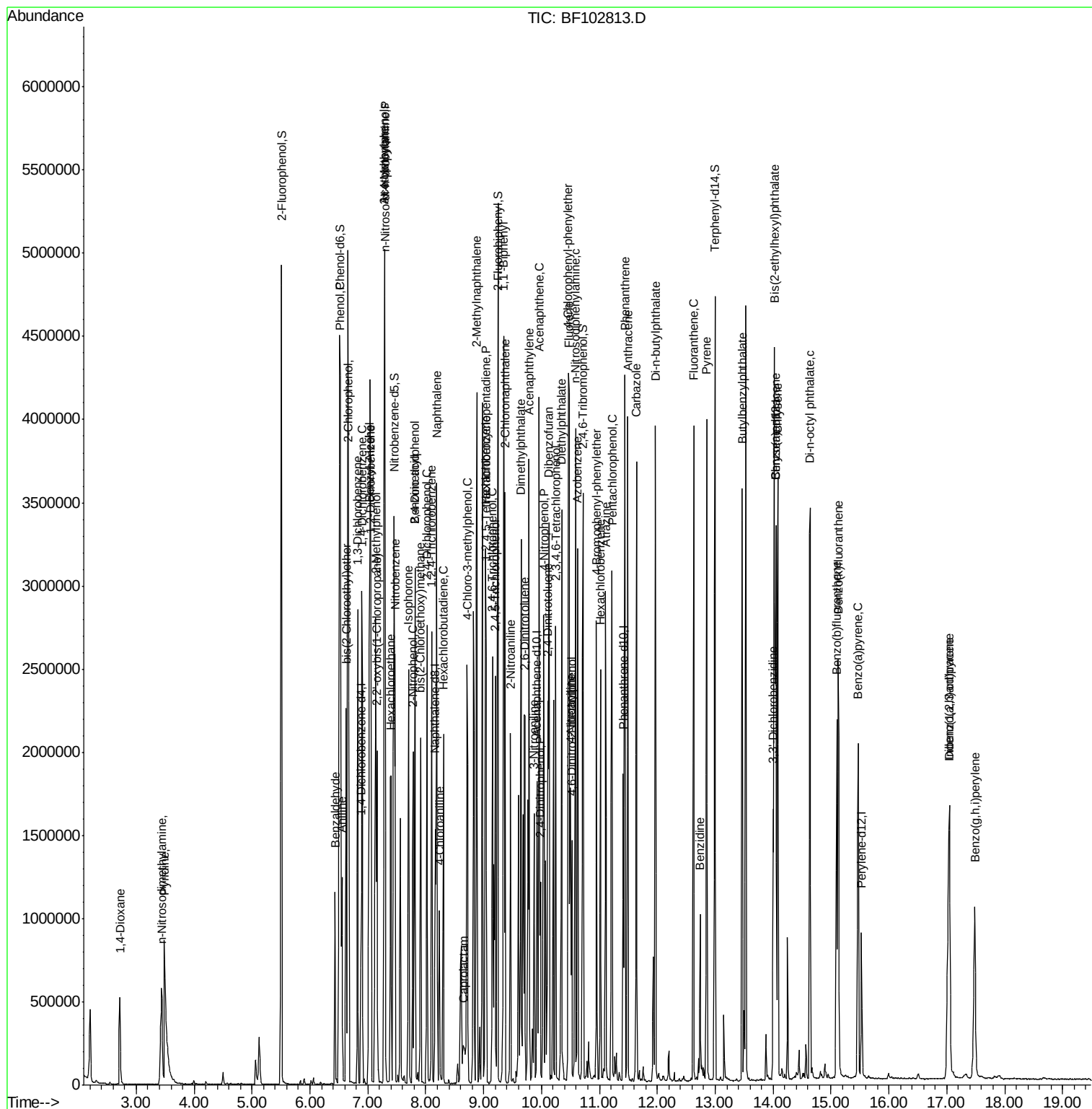
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	358708	53.978	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	381667	50.957	nq	99
45) 1,1'-Biphenyl	9.35	154	1360853	43.482	nq	99
46) 2-Chloronaphthalene	9.37	162	1104573	44.830	nq	100
47) 2-Nitroaniline	9.46	65	431805	56.157	nq	87
48) Acenaphthylene	9.79	152	1671728	43.684	nq	99
49) Dimethylphthalate	9.65	163	1507892	52.045	nq	99
50) 2,6-Dinitrotoluene	9.71	165	307093	55.712	nq	94
51) Acenaphthene	9.96	154	1062034	46.406	nq	100
52) 3-Nitroaniline	9.87	138	254992	37.596	nq	96
53) 2,4-Dinitrophenol	9.98	184	134415	75.521	nq	# 20
54) Dibenzofuran	10.13	168	1476281	45.773	nq	98
55) 4-Nitrophenol	10.04	139	575626	102.106	nq	93
56) 2,4-Dinitrotoluene	10.11	165	418617	56.074	nq	96
57) Fluorene	10.47	166	1090502	46.471	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	289127	55.695	nq	99
59) Diethylphthalate	10.35	149	1284561	44.902	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	478593	46.104	nq	99
61) 4-Nitroaniline	10.50	138	364661	56.486	nq	94
62) Azobenzene	10.62	77	1280928	44.820	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	186699	61.430	nq	89
65) n-Nitrosodiphenylamine	10.59	169	1036618	43.929	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	319426	45.137	nq	# 89
67) Hexachlorobenzene	11.02	284	338627	43.374	nq	92
68) Atrazine	11.11	200	334612	48.065	nq	98
69) Pentachlorophenol	11.22	266	376505	82.154	nq	98
70) Phenanthrene	11.44	178	1611877	43.261	nq	99
71) Anthracene	11.49	178	1668173	44.020	nq	99
72) Carbazole	11.65	167	1627996	43.850	nq	99
73) Di-n-butylphthalate	11.97	149	2000938	44.368	nq	100
74) Fluoranthene	12.63	202	1669215	44.528	nq	99
76) Benzidine	12.74	184	382959	18.038	nq	98
77) Pyrene	12.86	202	1693559	46.753	nq	100
79) Butylbenzylphthalate	13.47	149	878656	50.652	nq	95
80) Benzo(a)anthracene	14.04	228	1360842	46.842	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	342904	31.834	nq	97
82) Chrysene	14.08	228	1311538	44.784	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1105550	49.822	nq	99
84) Di-n-octyl phthalate	14.64	149	1716339	51.512	nq	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1086473	44.731	nq	99
87) Benzo(b)fluoranthene	15.10	252	1146890	47.298	nq	97
88) Benzo(k)fluoranthene	15.13	252	1122949	48.468	nq	99
89) Benzo(a)pyrene	15.47	252	1054212	48.300	nq	# 97
90) Dibenzo(a,h)anthracene	17.05	278	891052	50.297	nq	99
91) Benzo(g,h,i)perylene	17.49	276	939257	54.167	nq	97

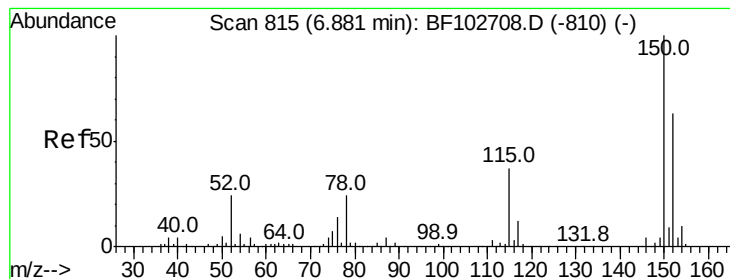
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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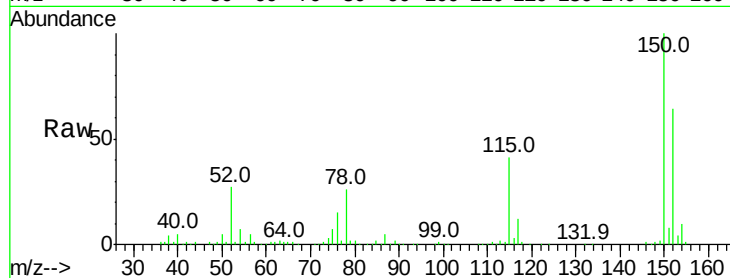


#1

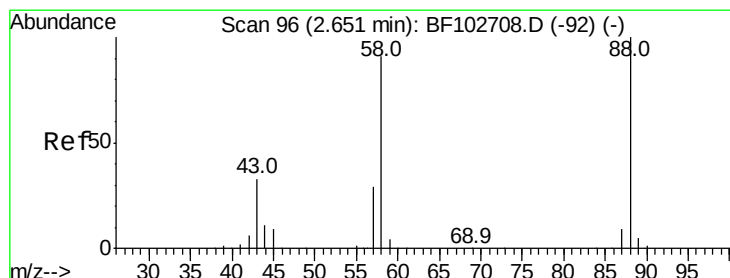
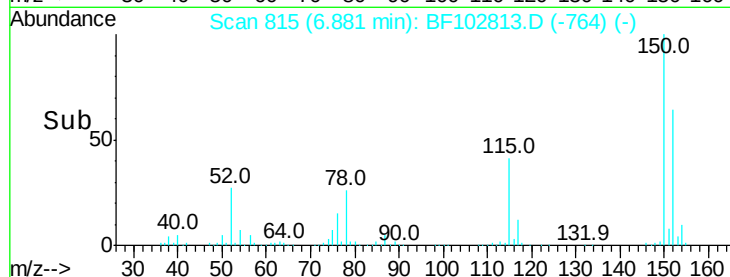
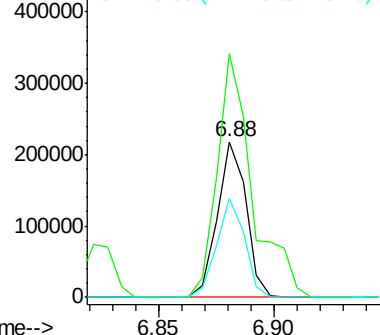
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 189583
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 64.0 50.1 75.1



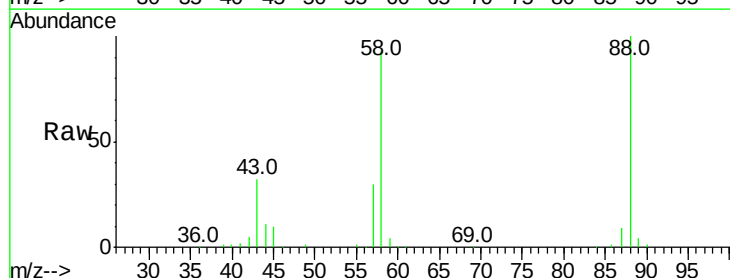
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



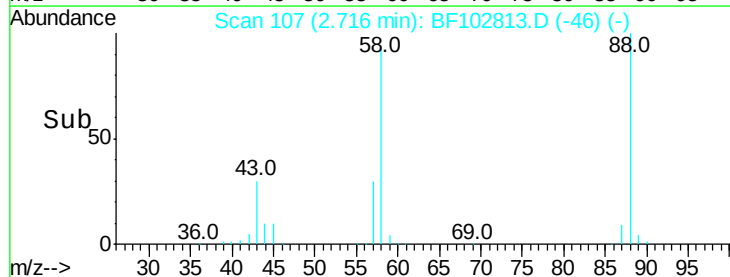
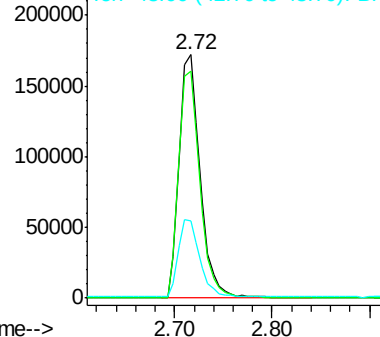
#2

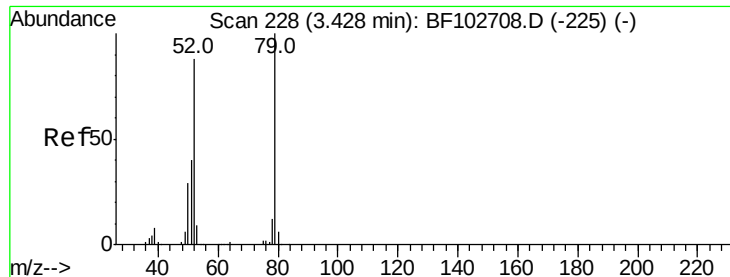
1,4-Dioxane
Concen: 41.879 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion: 88 Resp: 258219
Ion Ratio Lower Upper
88 100
58 94.7 62.6 93.8#
43 31.7 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: 44.228 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.05 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

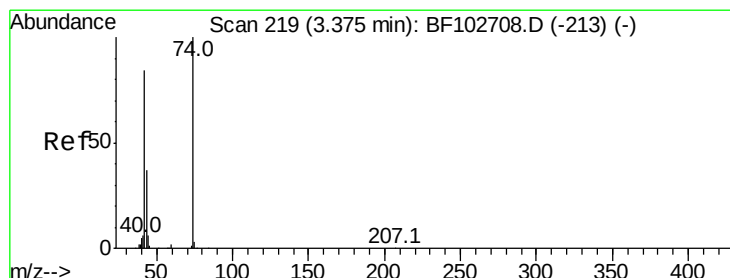
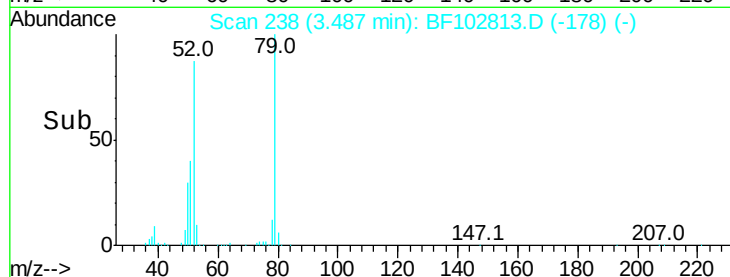
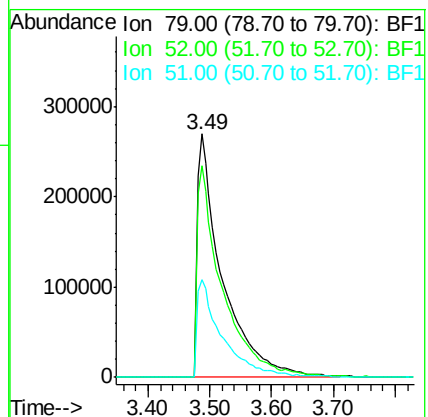
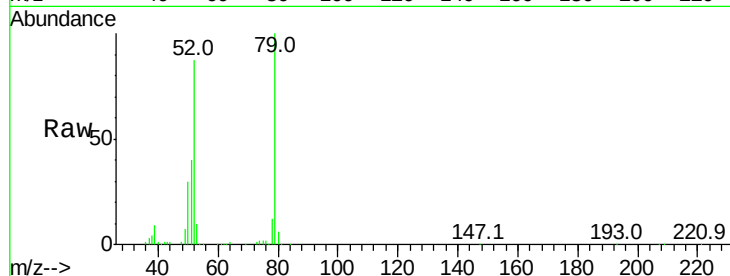
Tot Ion: 79 Resp: 753437

Ion Ratio Lower Upper

79 100

52 87.1 59.8 89.6

51 40.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 50.894 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.05 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

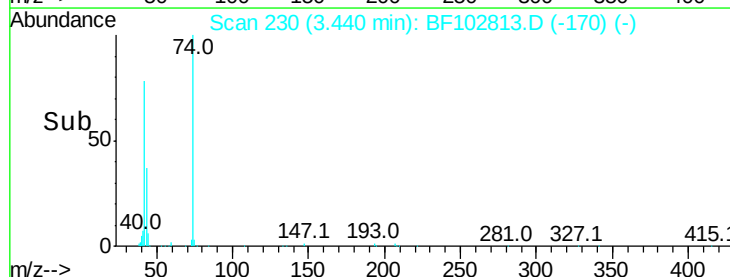
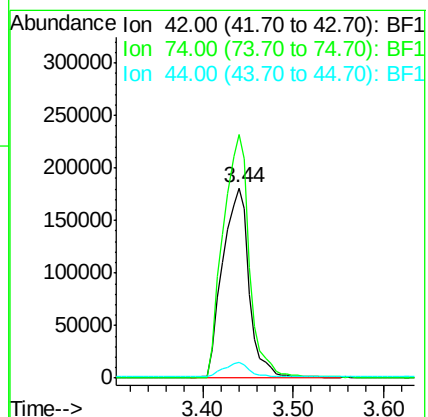
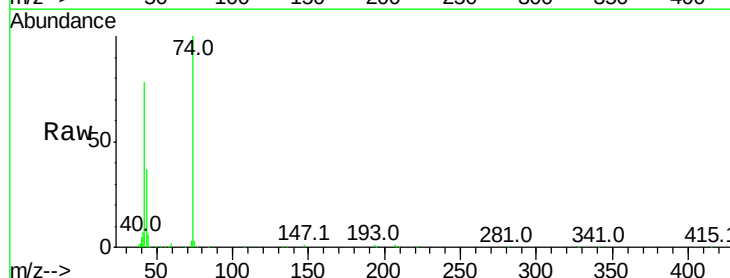
Tgt Ion: 42 Resp: 370947

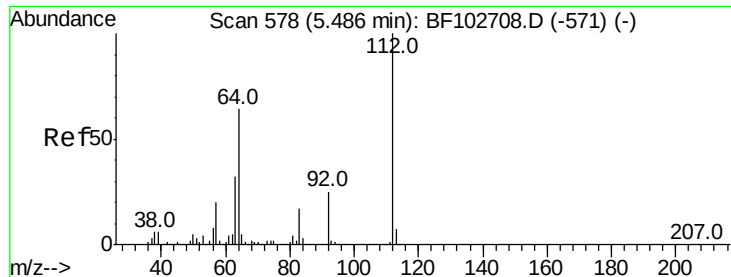
Ion Ratio Lower Upper

42 100

74 128.1 104.9 157.3

44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 129.820 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

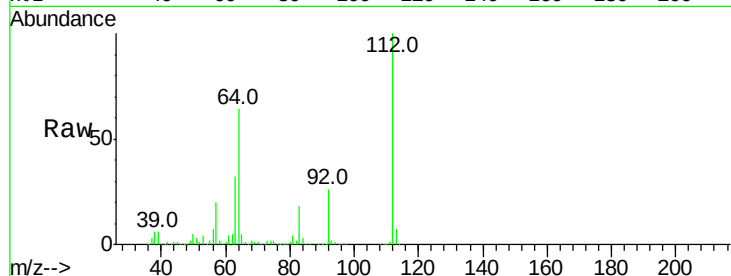
Tot Ion:112 Resp: 1620608

Ion Ratio Lower Upper

112 100

64 63.5 47.9 71.9

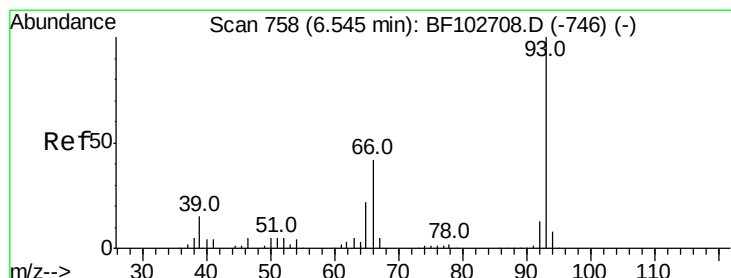
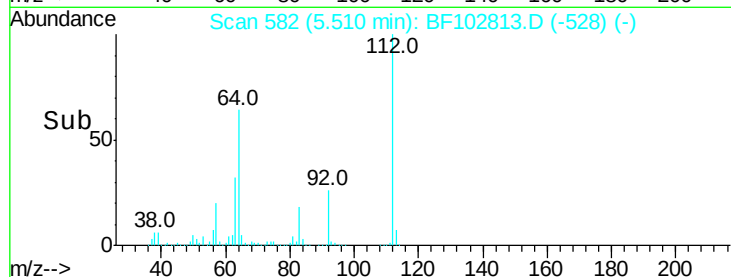
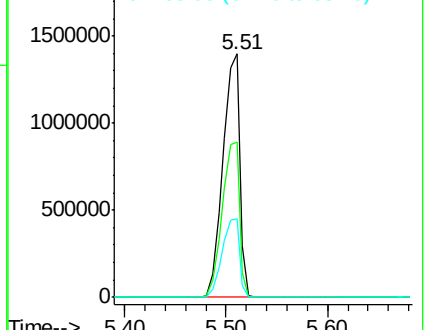
63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.049 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

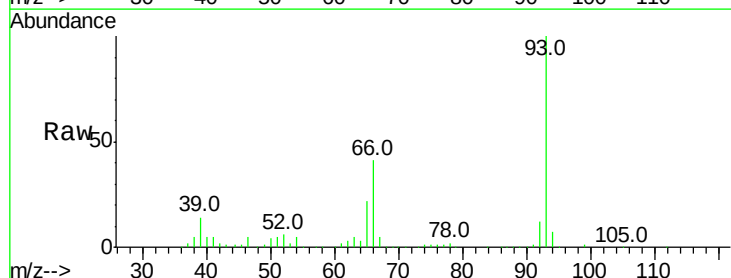
Tgt Ion: 93 Resp: 644819

Ion Ratio Lower Upper

93 100

66 40.9 32.2 48.2

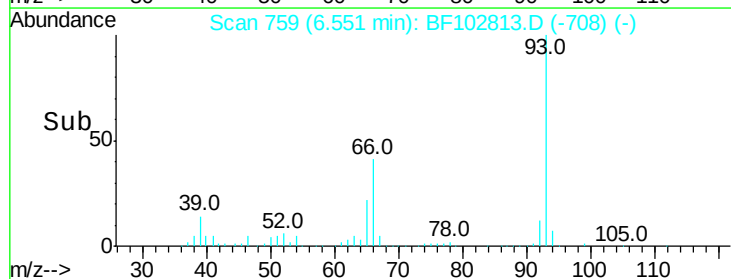
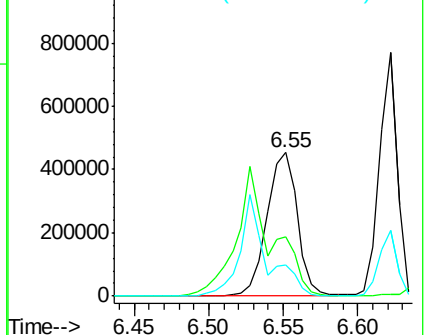
65 21.7 16.4 24.6

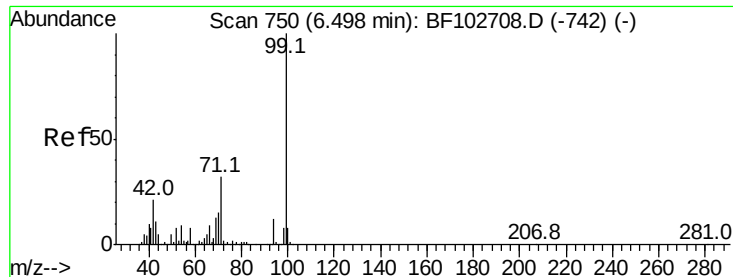


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.558 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

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ClientSampleId :

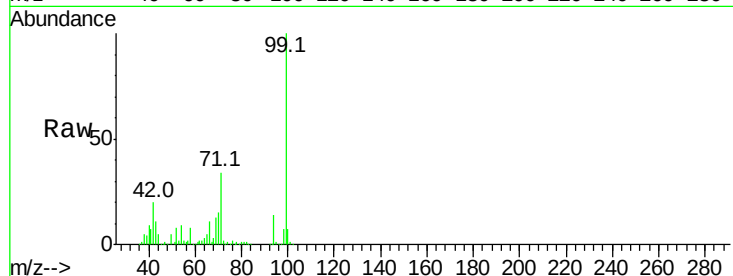
Tot Ion: 99 Resp: 1977450

Ion Ratio Lower Upper

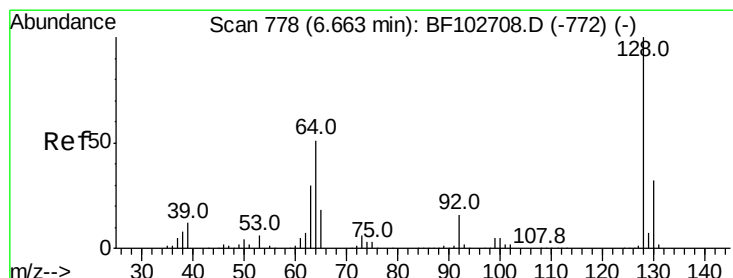
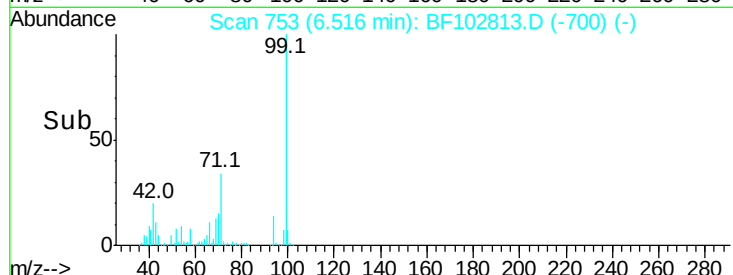
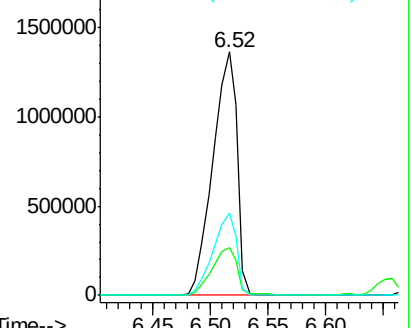
99 100

42 19.8 14.5 21.7

71 33.7 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: 49.178 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

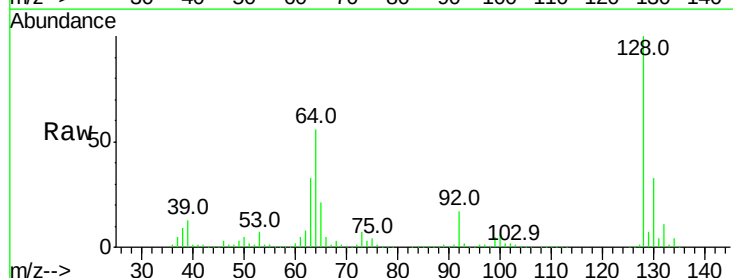
Tgt Ion:128 Resp: 632033

Ion Ratio Lower Upper

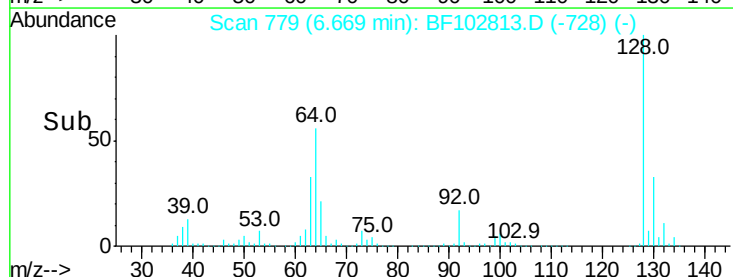
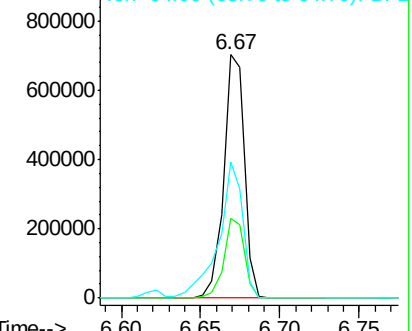
128 100

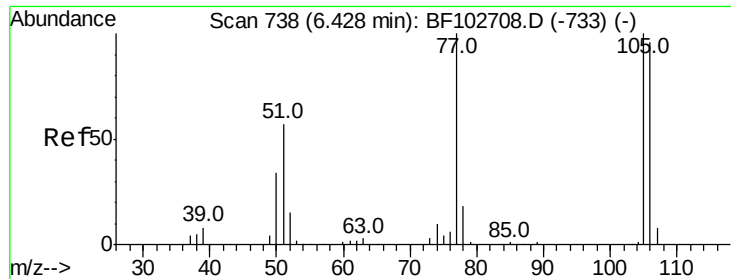
130 32.7 13.0 53.0

64 55.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.872 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

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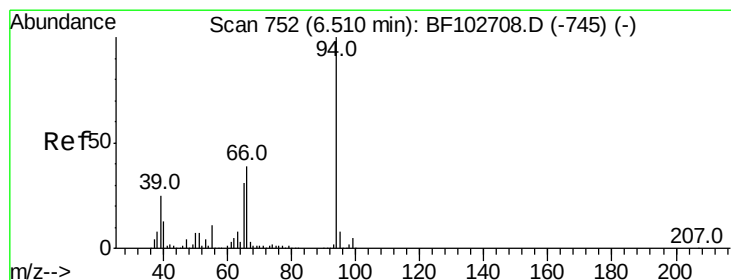
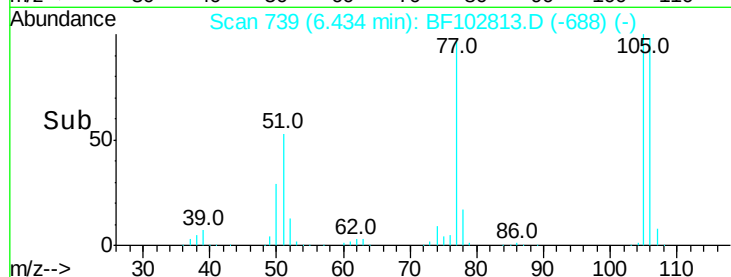
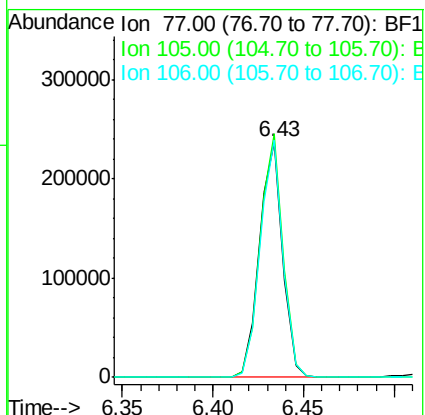
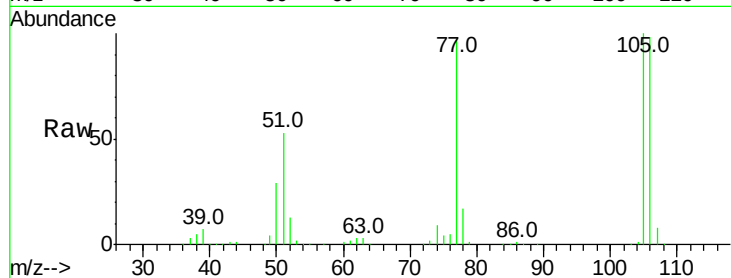
Tot Ion: 77 Resp: 210659

Ion Ratio Lower Upper

77 100

105 103.5 81.1 121.1

106 101.0 74.5 114.5



#10

Phenol

Concen: 56.863 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102813.D

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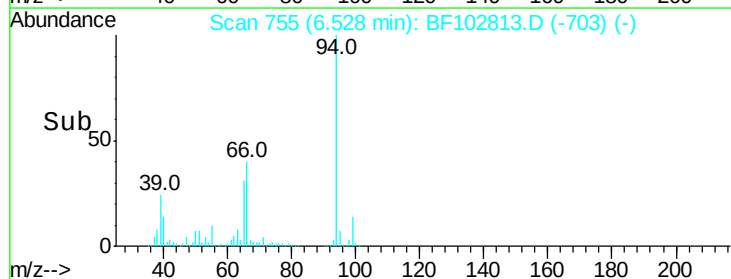
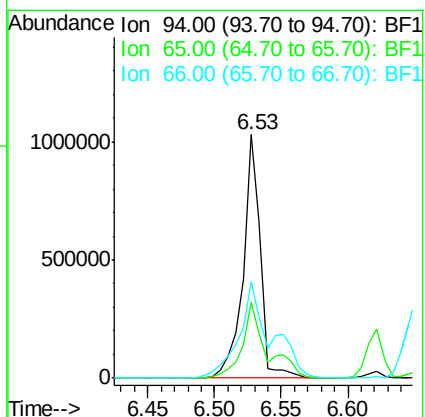
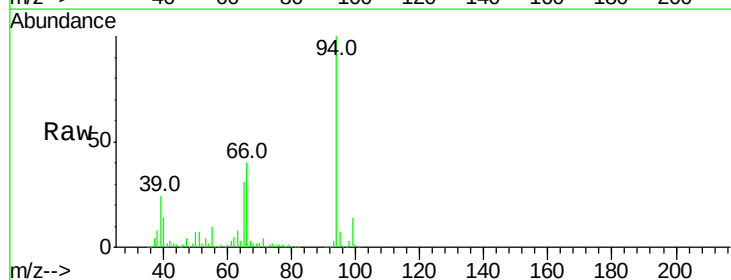
Tgt Ion: 94 Resp: 915969

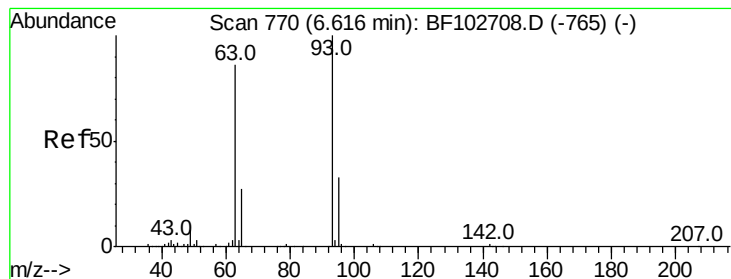
Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

66 39.8 16.2 56.2

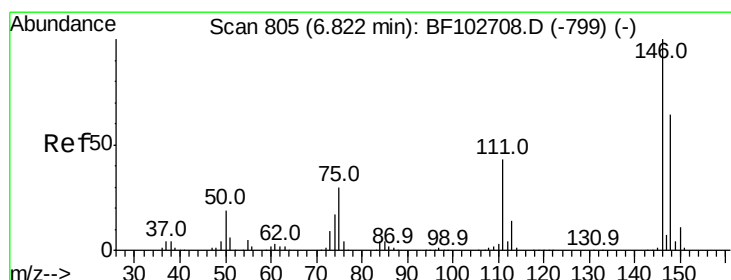
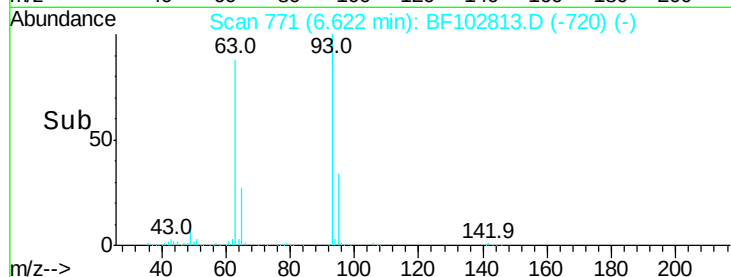
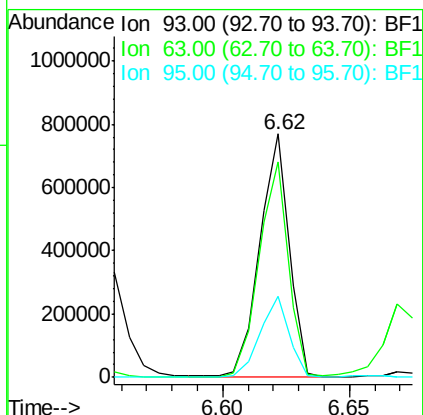
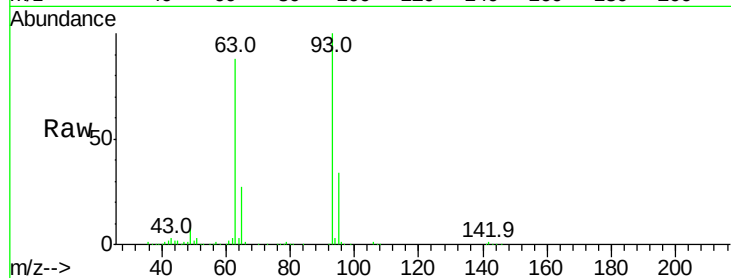




#11
bis(2-Chloroethyl)ether
Concen: 46.429 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

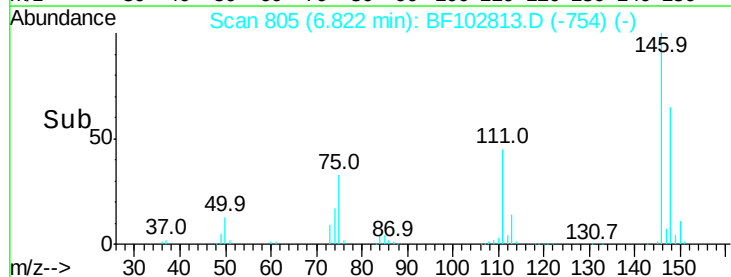
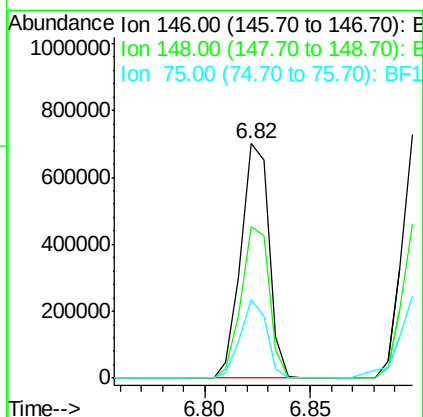
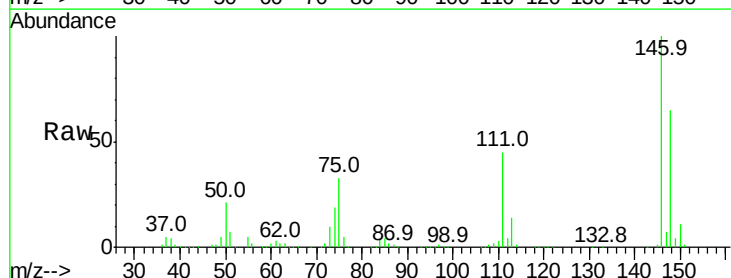
Instrument :
BNA_F
ClientSampleId :

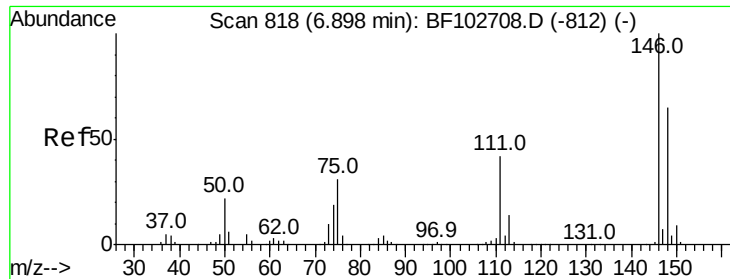
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.3	58.6	98.6
95	33.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 43.436 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	33.3	24.2	36.4

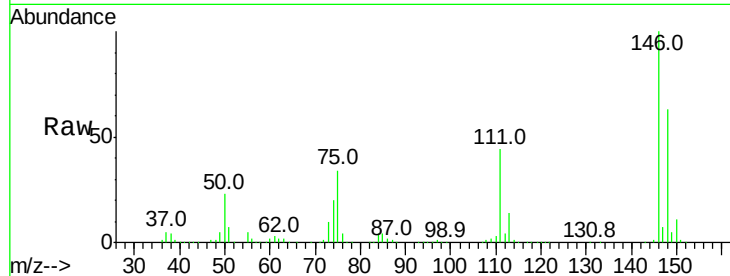




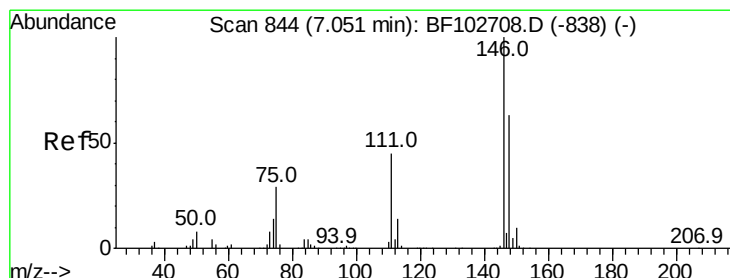
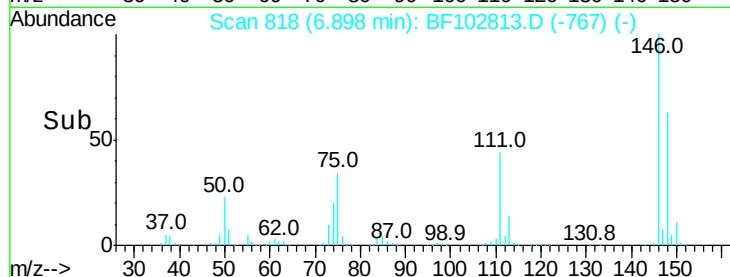
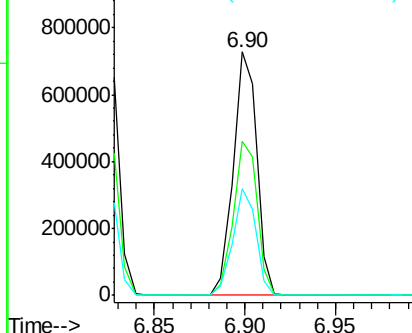
#13
 1,4-Dichlorobenzene
 Concen: 44.354 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 657559
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 43.7 34.2 51.2

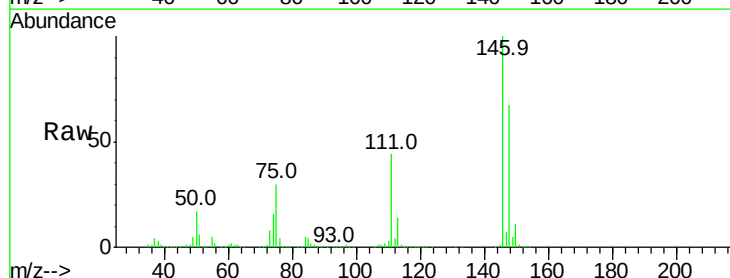


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

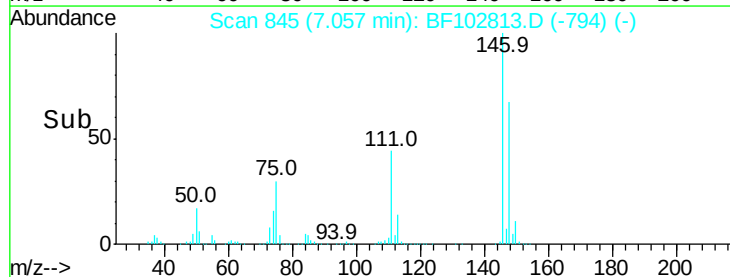
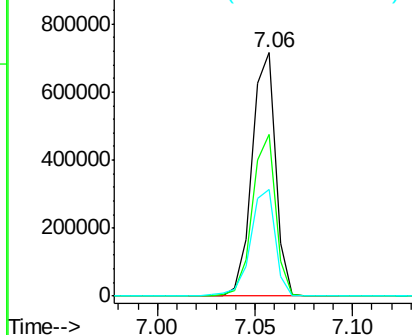


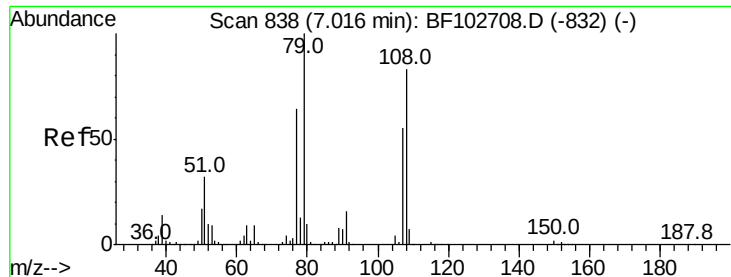
#14
 1,2-Dichlorobenzene
 Concen: 43.518 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:146 Resp: 600922
 Ion Ratio Lower Upper
 146 100
 148 66.5 50.6 75.8
 111 43.9 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: 48.714 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

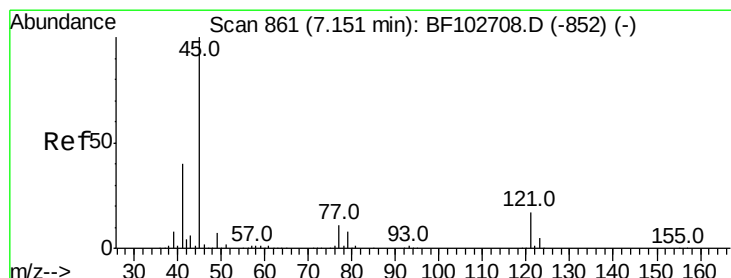
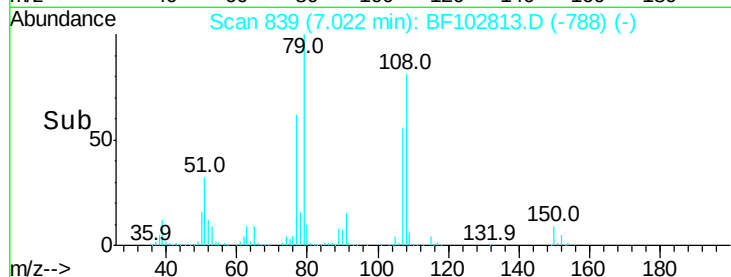
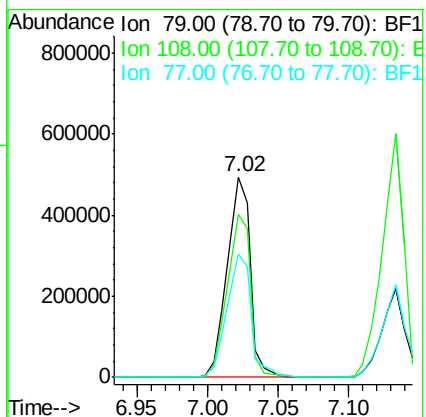
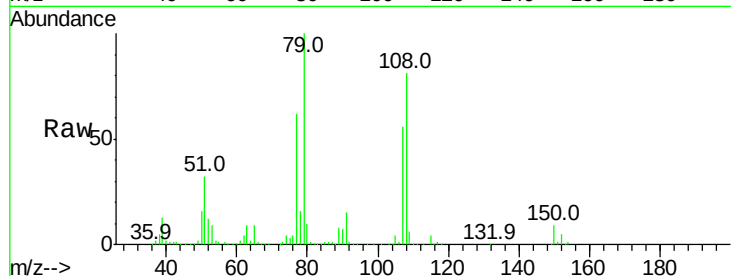
Tot Ion: 79 Resp: 562952

Ion Ratio Lower Upper

79 100

108 81.5 65.1 97.7

77 61.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.438 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

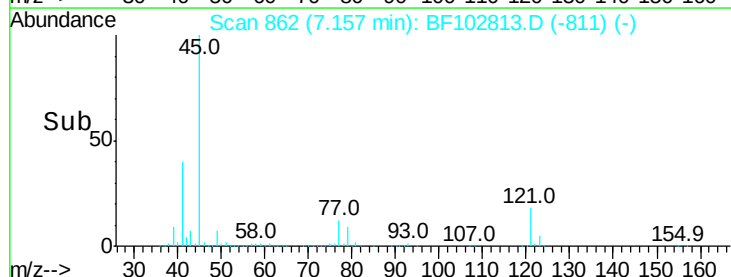
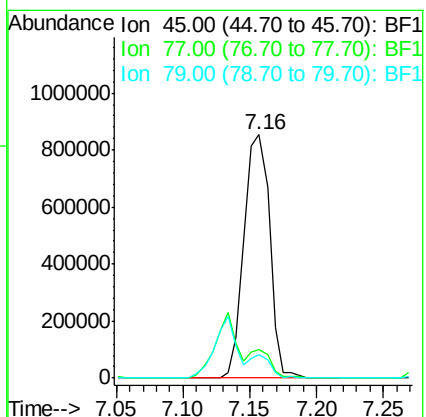
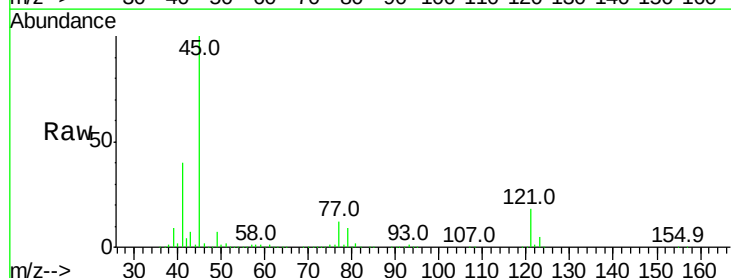
Tgt Ion: 45 Resp: 1131503

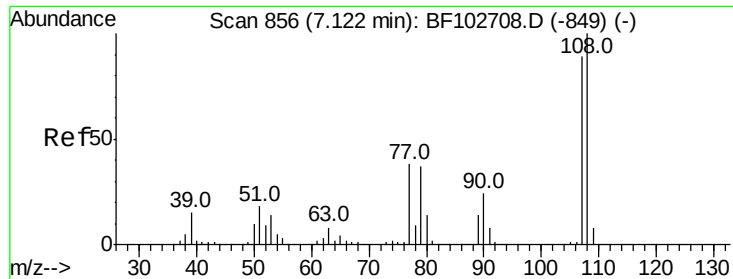
Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

79 9.4 0.0 29.6





#17

2-Methylphenol

Concen: 47.175 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 559241

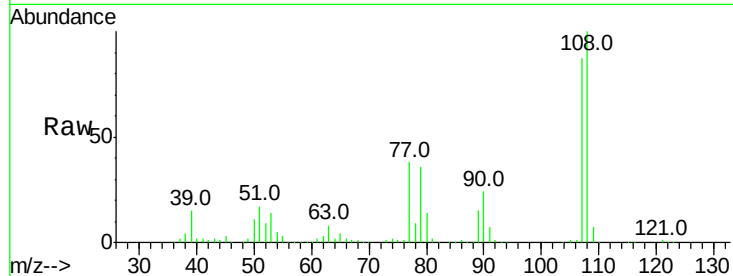
Ion Ratio Lower Upper

107 100

108 114.6 91.7 137.5

77 43.5 33.8 50.8

79 41.8 33.8 50.8

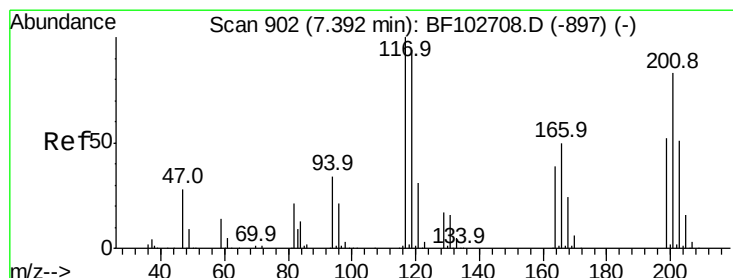
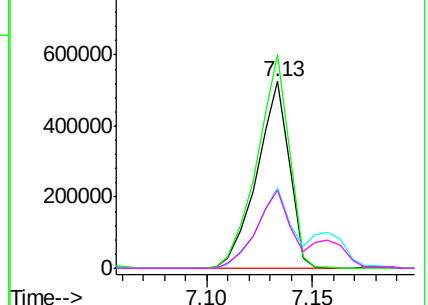
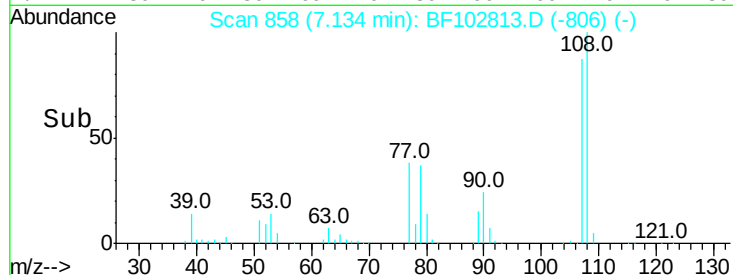


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 47.663 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

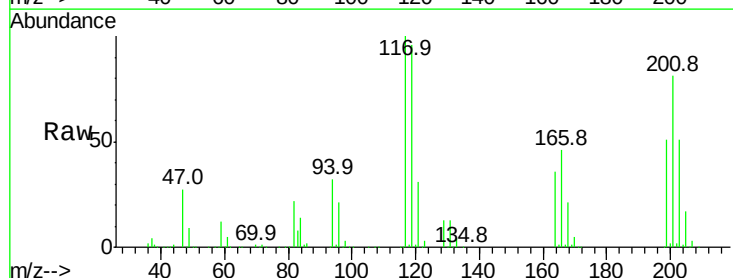
Tgt Ion:117 Resp: 242307

Ion Ratio Lower Upper

117 100

119 95.6 75.8 113.8

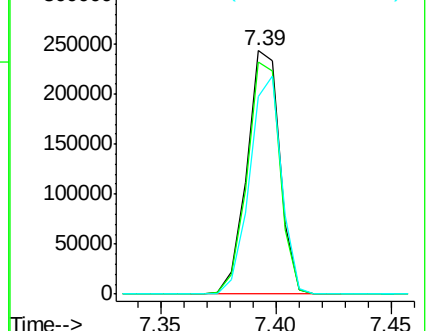
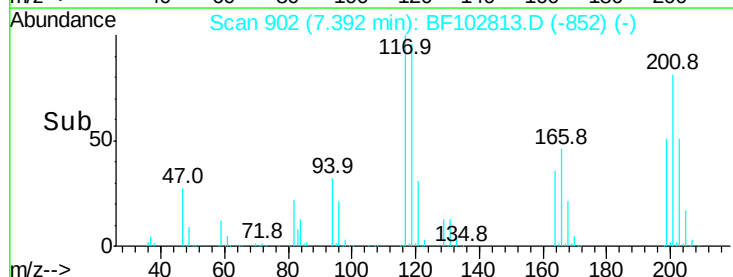
201 81.2 75.7 113.5

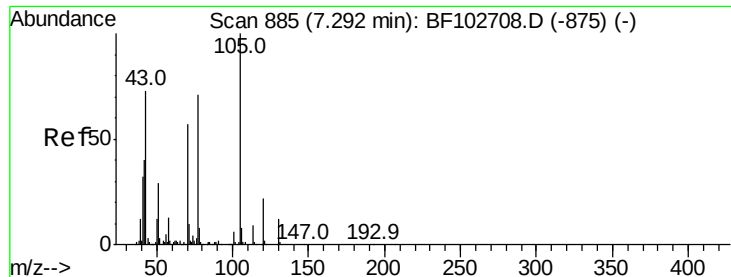


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

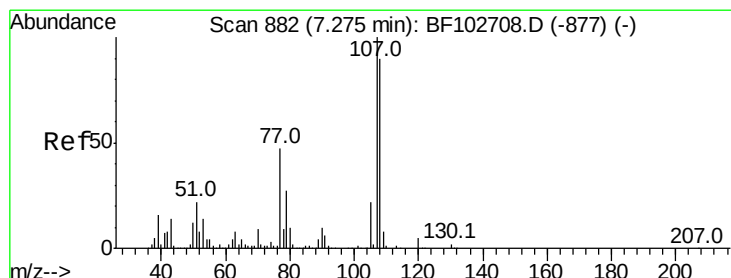
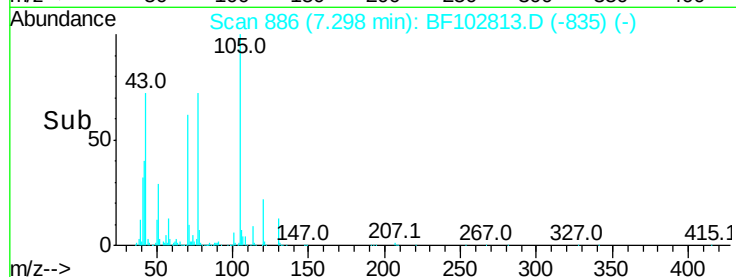
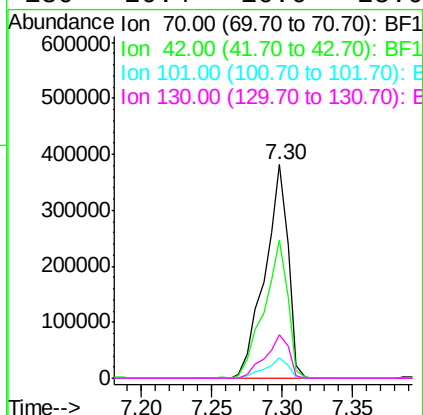
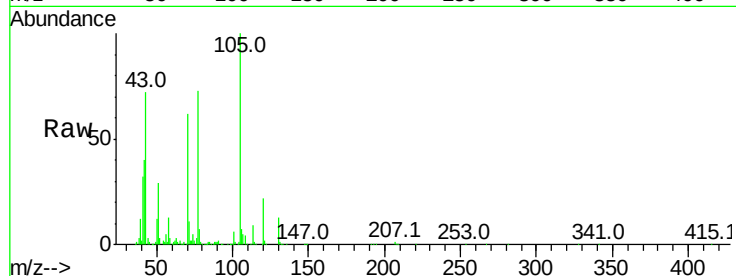




#19
n-Nitroso-di-n-propylamine
Concen: 44.552 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

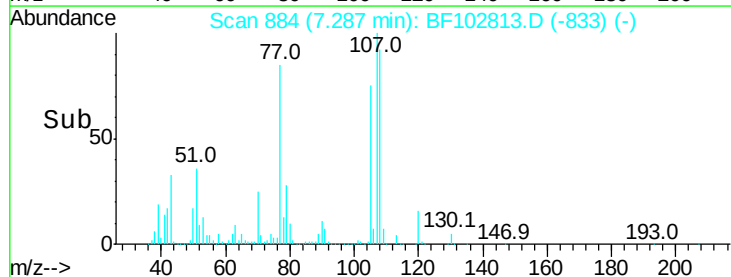
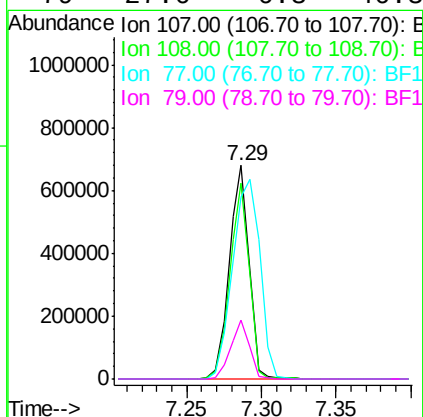
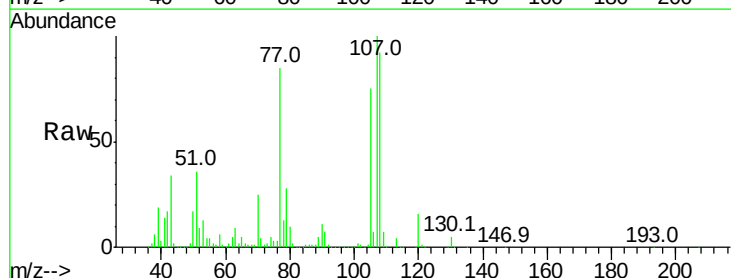
Instrument :
BNA_F
ClientSampled :

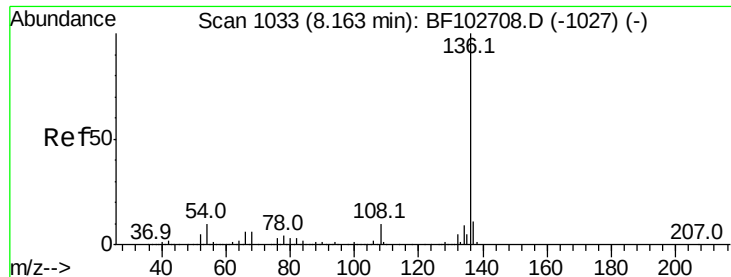
Tot Ion: 70 Resp: 441522
Ion Ratio Lower Upper
70 100
42 65.0 47.5 71.3
101 9.9 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 43.494 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion: 107 Resp: 635840
Ion Ratio Lower Upper
107 100
108 91.8 68.2 108.2
77 85.3 26.7 66.7#
79 27.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 807824

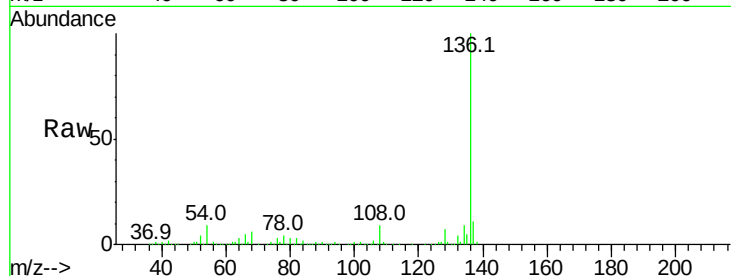
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.9 6.6 9.8

68 6.2 5.0 7.4

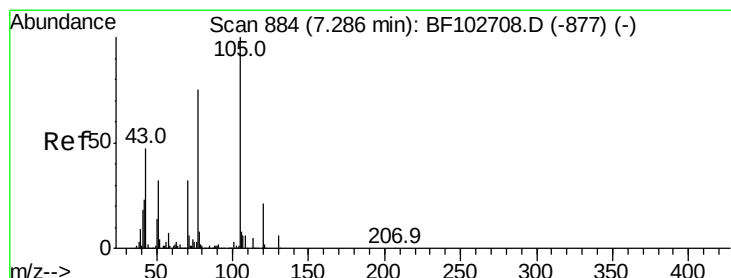
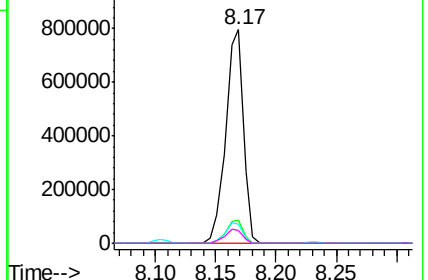
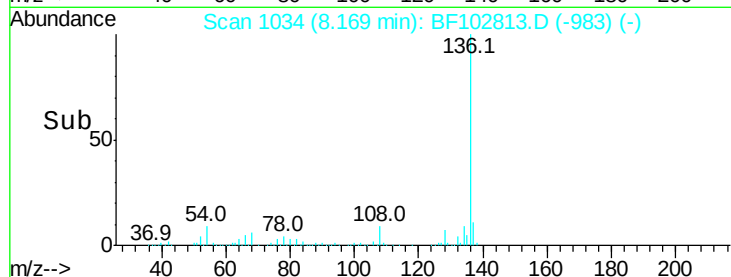


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.457 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Tgt Ion:105 Resp: 859071

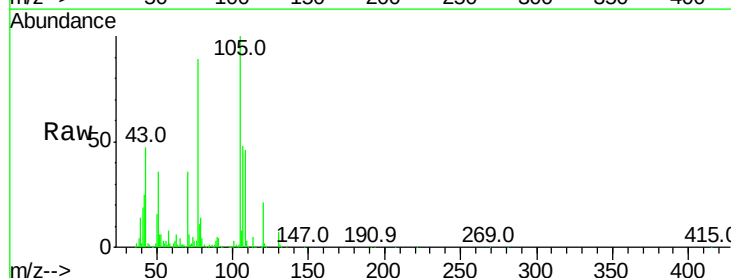
Ion Ratio Lower Upper

105 100

71 6.2 4.4 6.6

51 35.6 22.3 33.5#

120 21.0 16.9 25.3

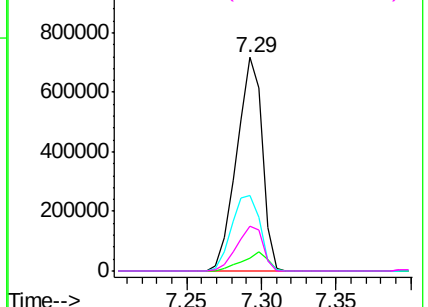
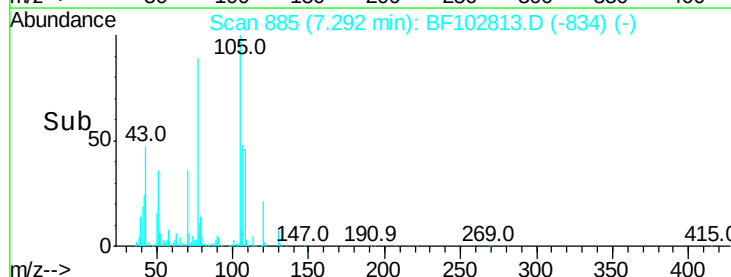


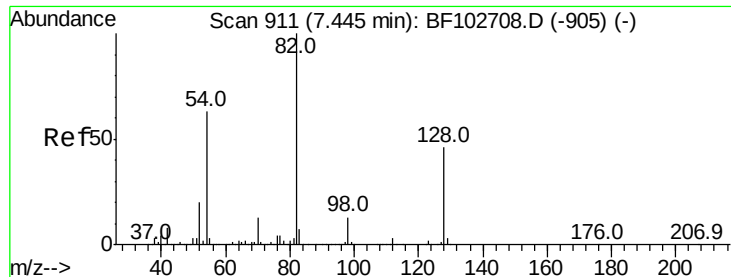
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

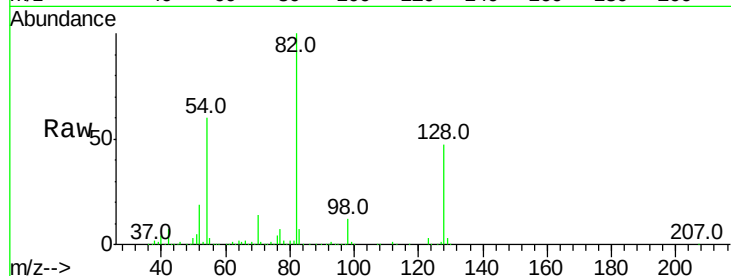




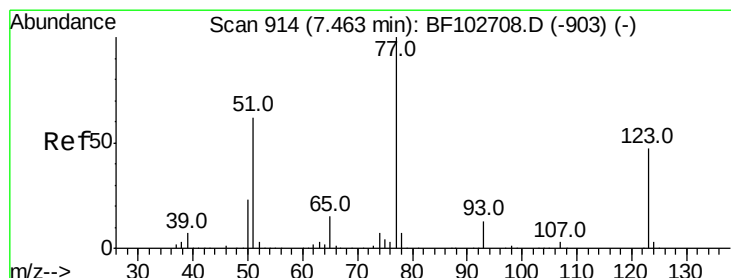
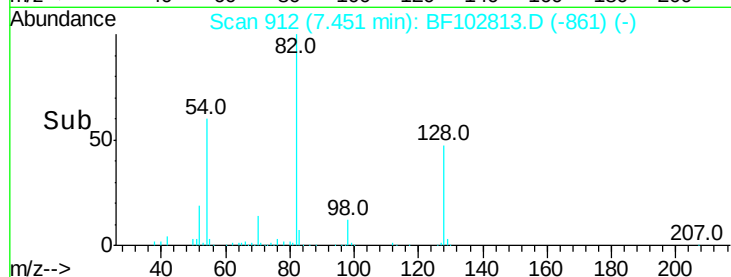
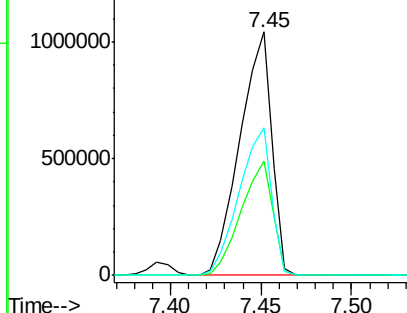
#23
 Nitrobenzene-d5
 Concen: 109.394 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1273904
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 60.4 41.4 62.2

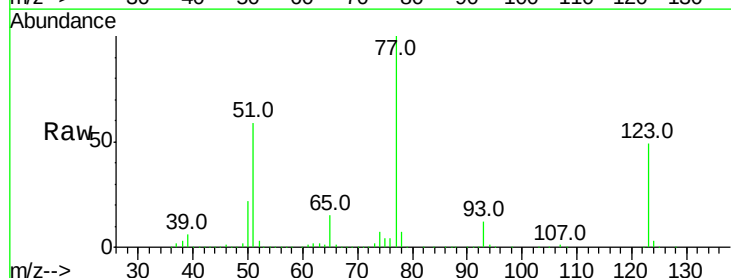


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

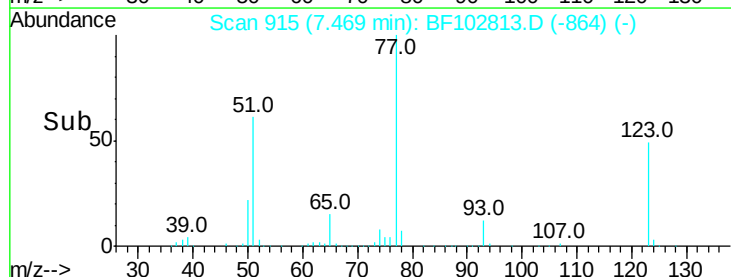
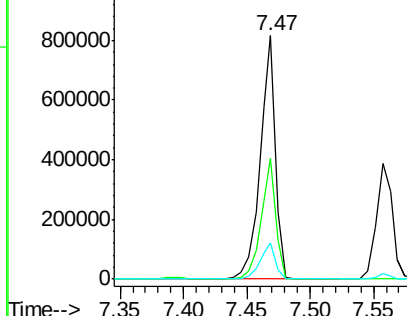


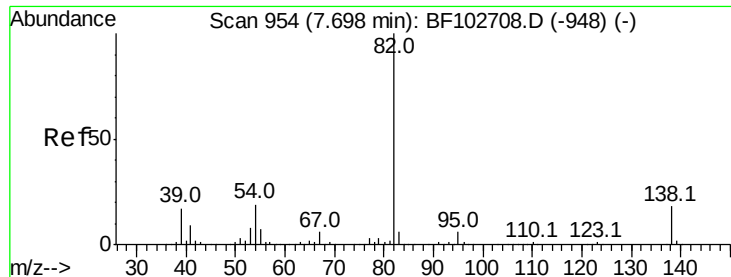
#24
 Nitrobenzene
 Concen: 50.198 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion: 77 Resp: 687488
 Ion Ratio Lower Upper
 77 100
 123 49.4 37.9 56.9
 65 14.9 11.0 16.4



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





#25

Isophorone

Concen: 48.496 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

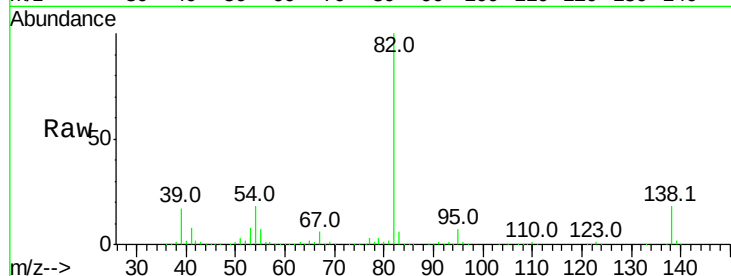
Tot Ion: 82 Resp: 1300392

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

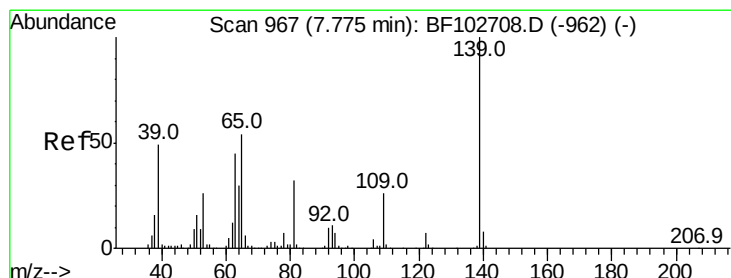
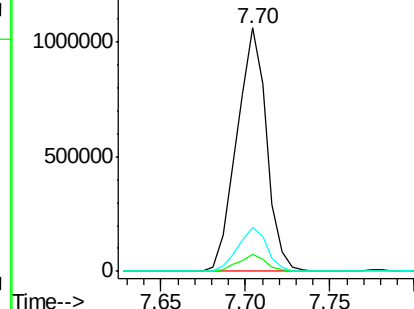
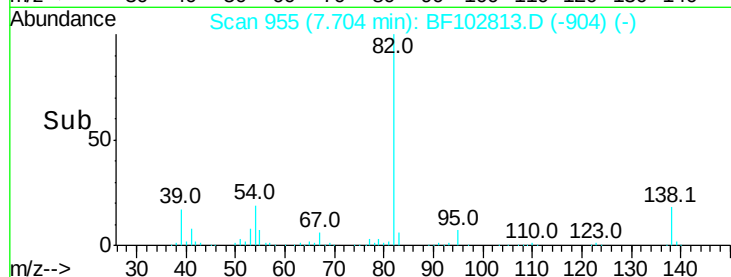
138 18.2 14.9 22.3



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: 62.248 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

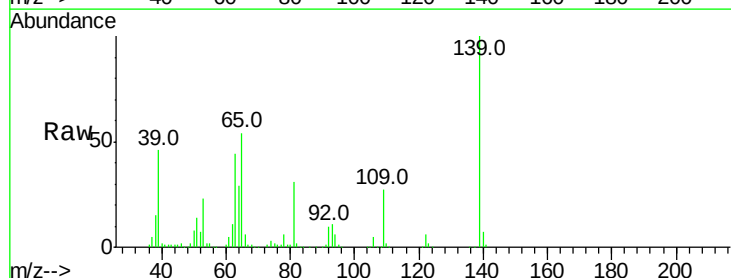
Tgt Ion: 139 Resp: 367964

Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

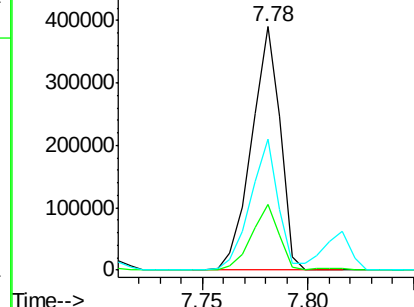
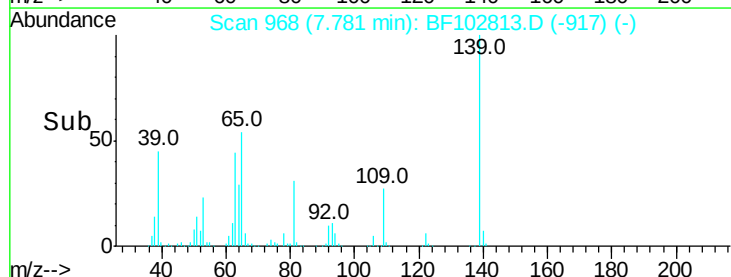
65 53.8 40.5 60.7

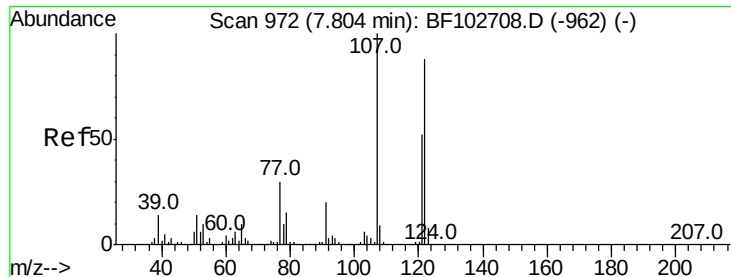


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 52.075 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

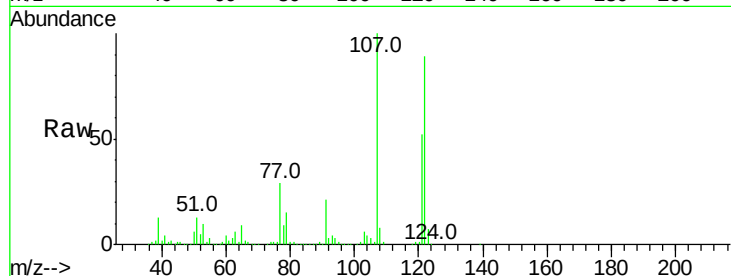
Tot Ion:122 Resp: 589936

Ion Ratio Lower Upper

122 100

107 111.8 91.2 136.8

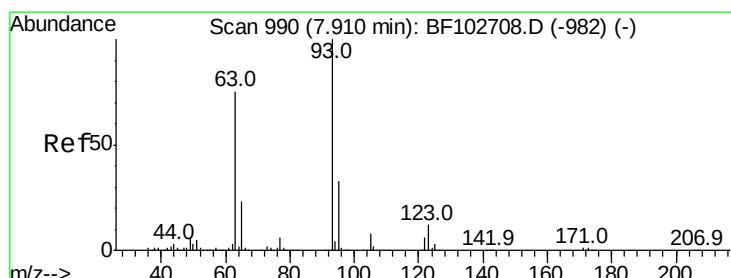
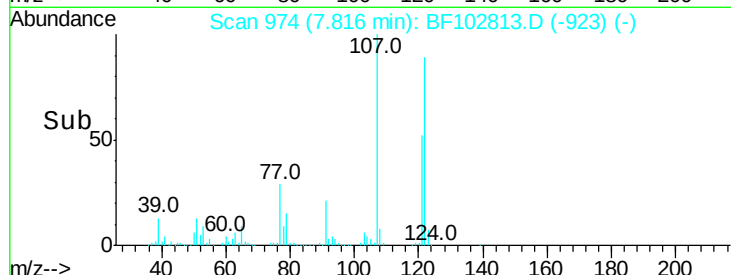
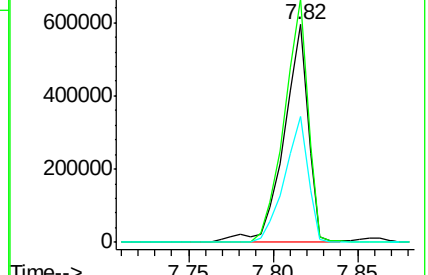
121 57.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.712 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

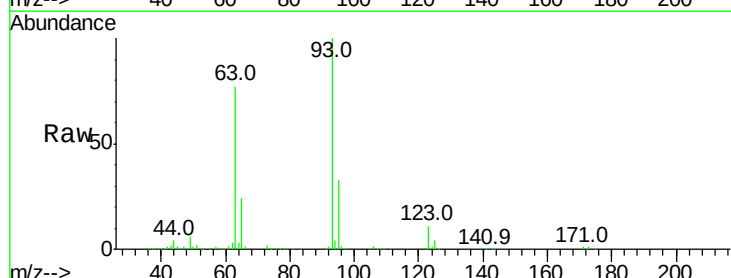
Tgt Ion: 93 Resp: 805538

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

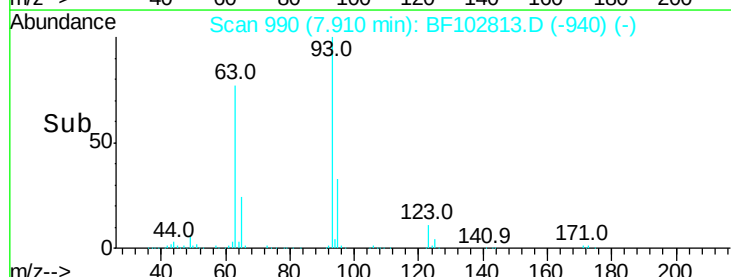
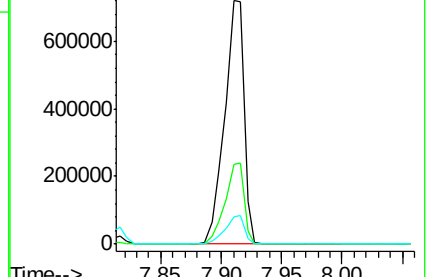
123 11.1 9.8 14.6

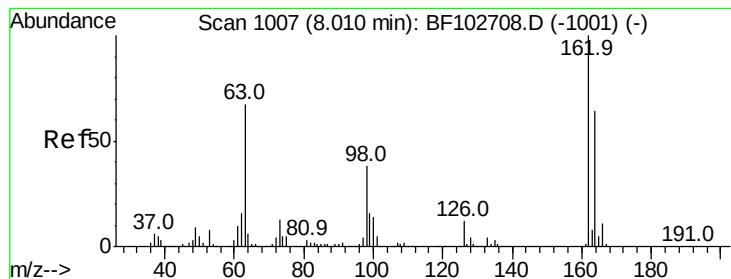


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 52.054 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

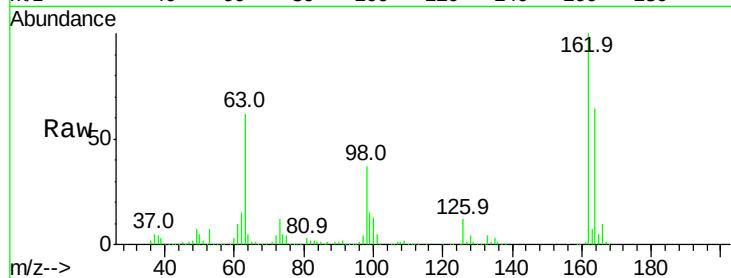
Tot Ion:162 Resp: 536072

Ion Ratio Lower Upper

162 100

164 63.8 42.7 82.7

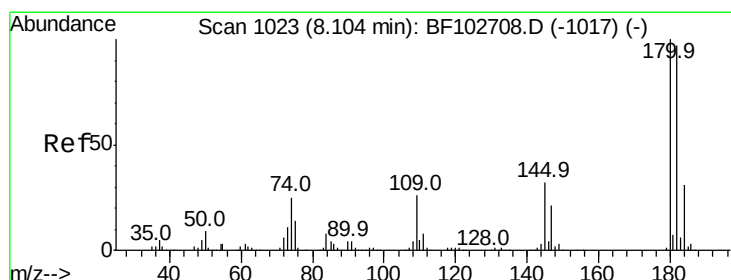
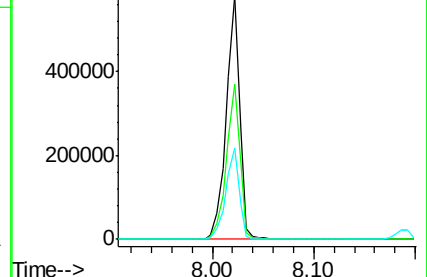
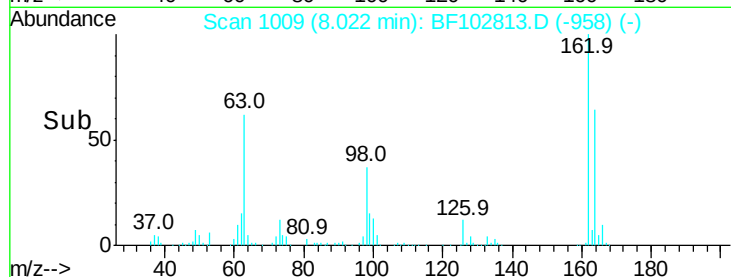
98 37.3 18.1 58.1



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: 44.426 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

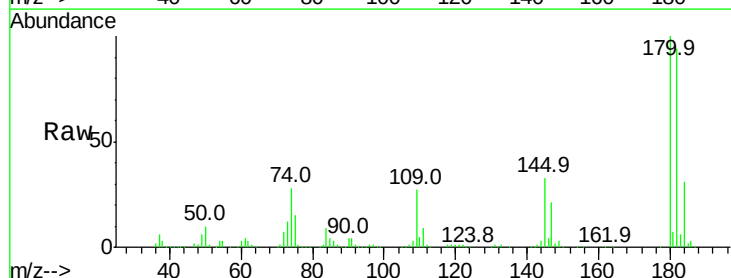
Tgt Ion:180 Resp: 517581

Ion Ratio Lower Upper

180 100

182 93.7 76.8 115.2

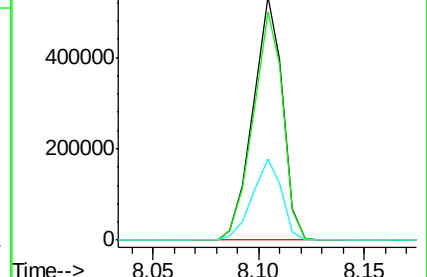
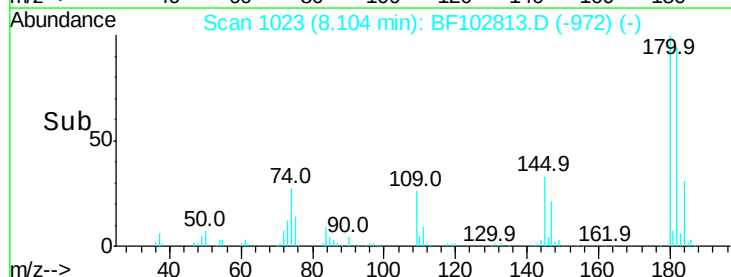
145 33.3 26.5 39.7

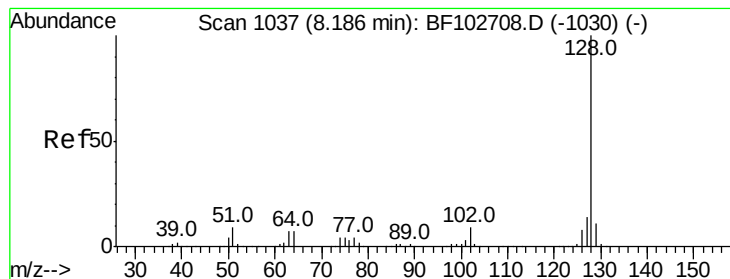


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.481 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

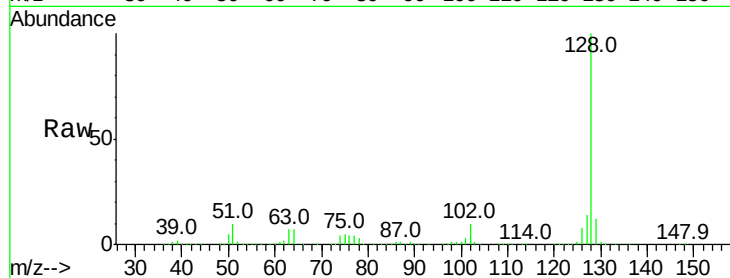
Tot Ion:128 Resp: 1755600

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

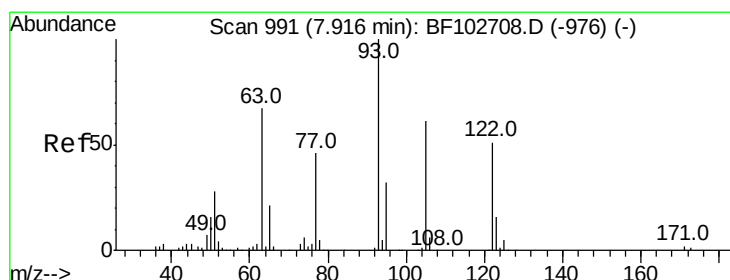
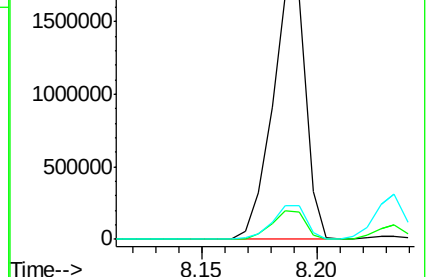
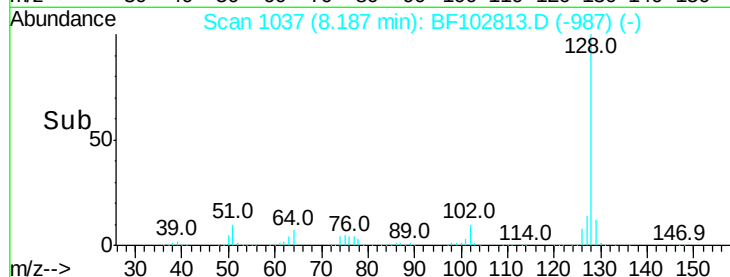
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 65.342 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.12 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

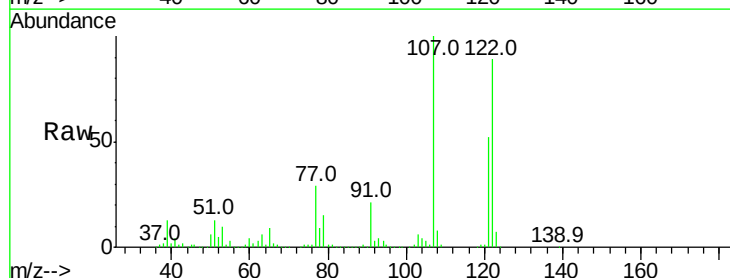
Tgt Ion:122 Resp: 589936

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

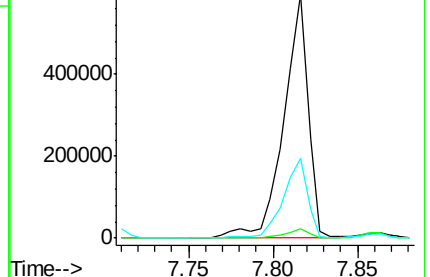
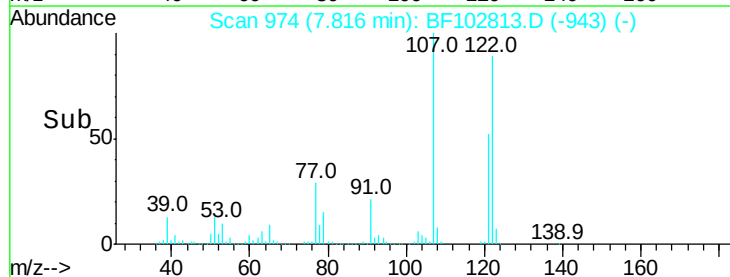
77 33.0 70.7 110.7#

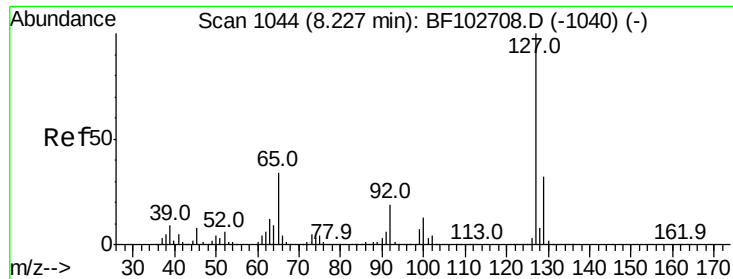


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

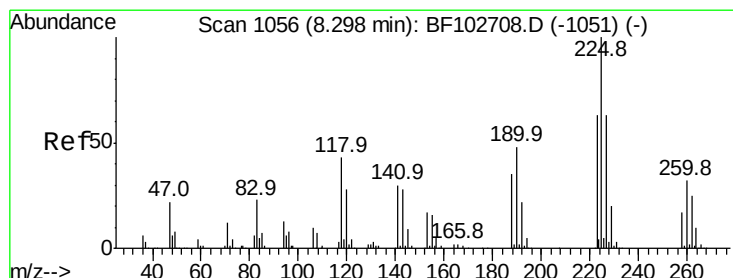
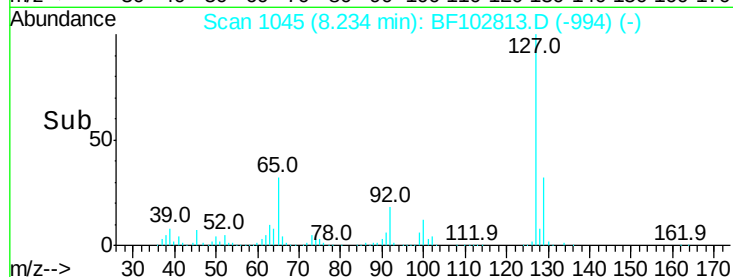
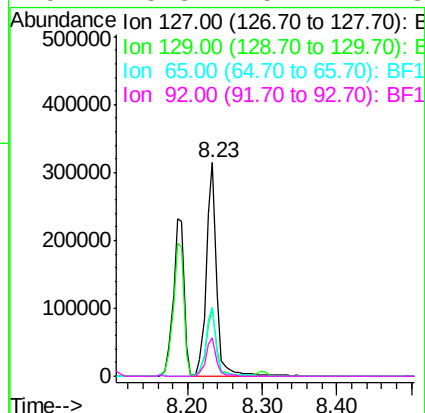
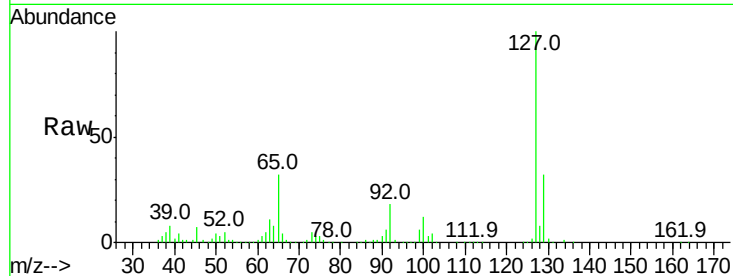




#33
 4-Chloroaniline
 Concen: 18.118 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

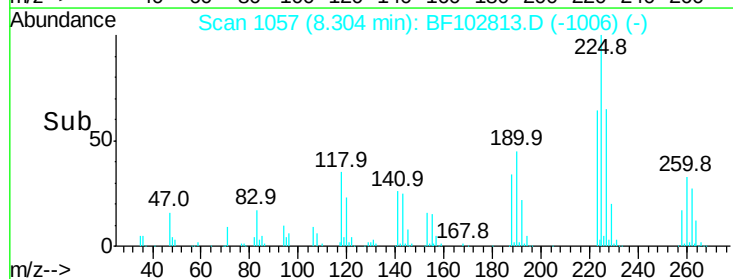
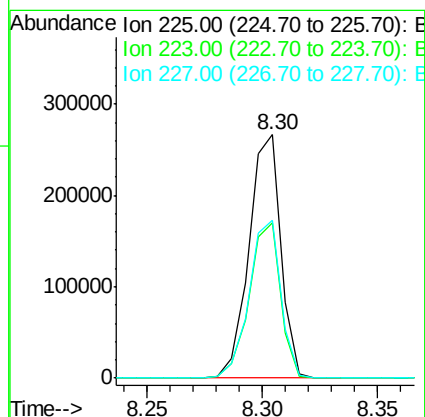
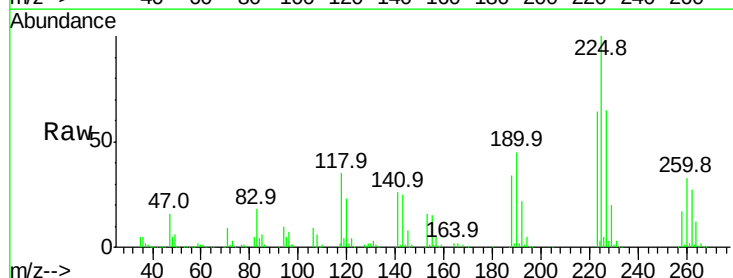
Instrument :
 BNA_F
 ClientSampled :

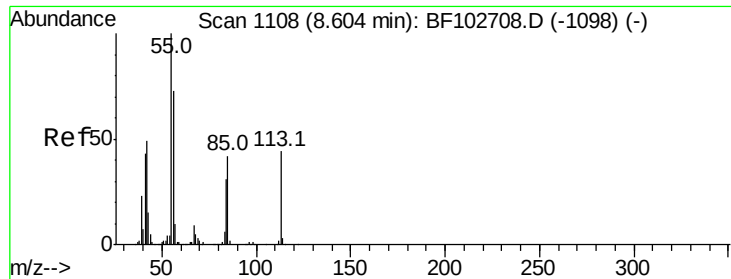
Tot Ion:	127	Resp:	308061
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	32.2	25.0	37.4
92	18.3	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 43.079 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:	225	Resp:	257182
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.9	51.9	77.9

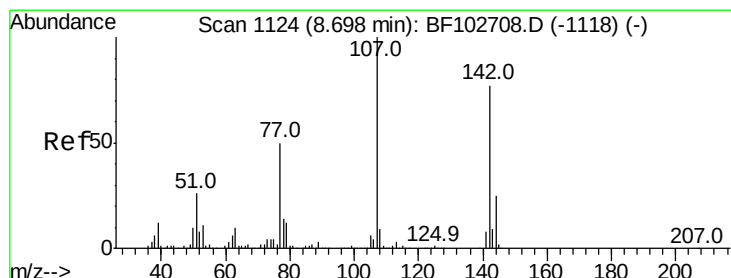
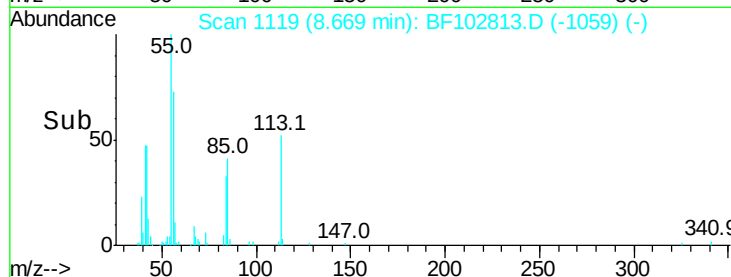
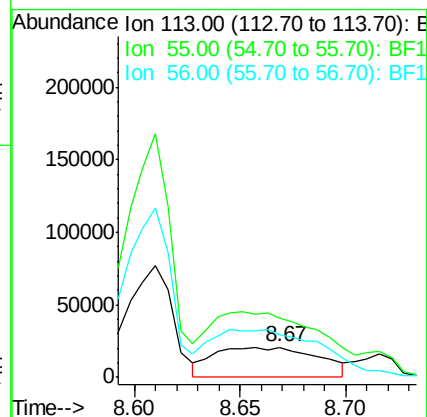
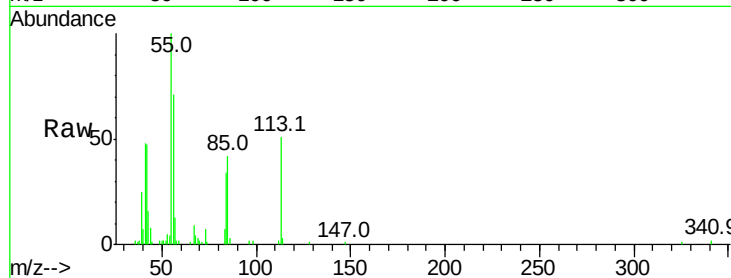




#35
 Caprolactam
 Concen: 19.626 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.05 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

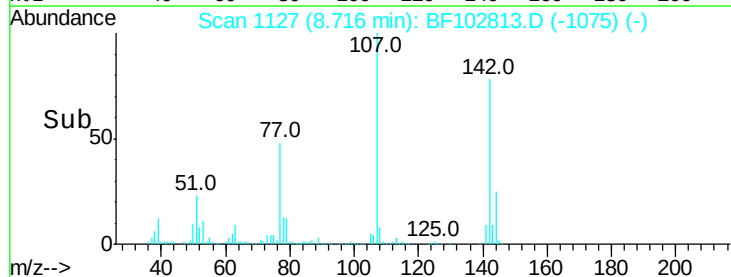
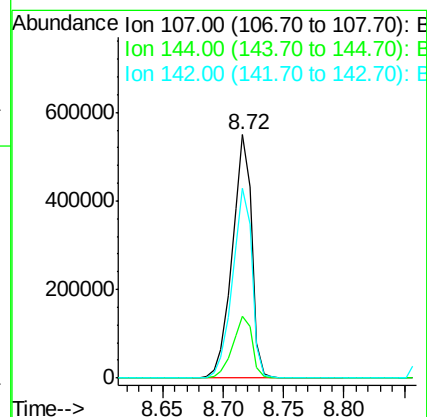
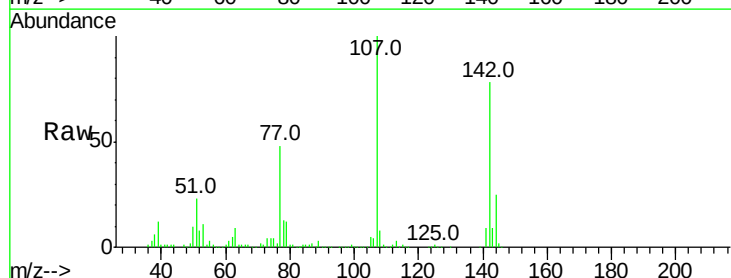
Instrument :
 BNA_F
 ClientSampleId :

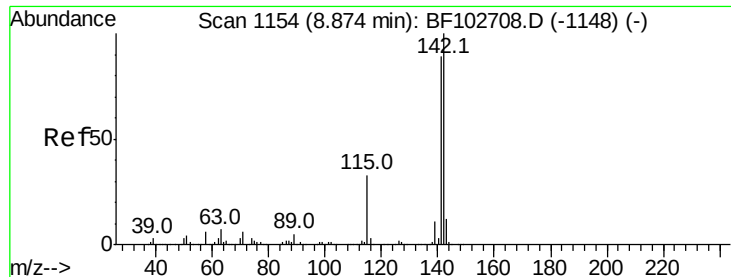
Tot Ion:113 Resp: 70194
 Ion Ratio Lower Upper
 113 100
 55 195.1 163.3 203.3
 56 139.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 52.885 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:107 Resp: 611931
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 78.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 45.915 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

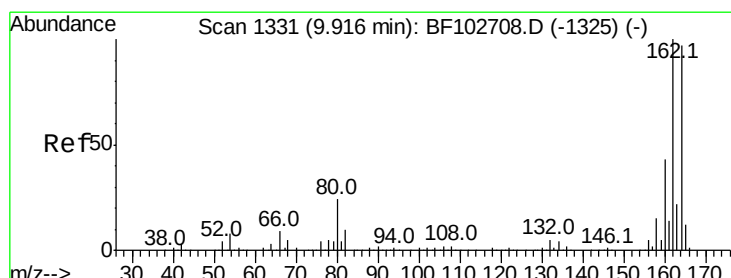
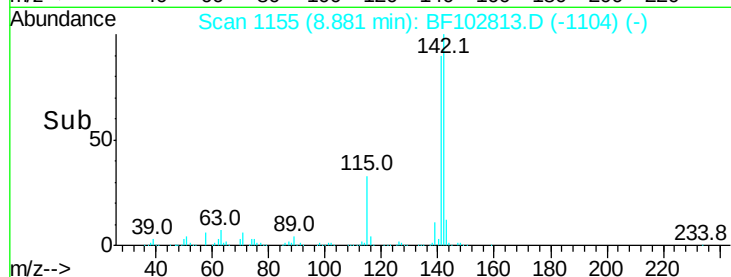
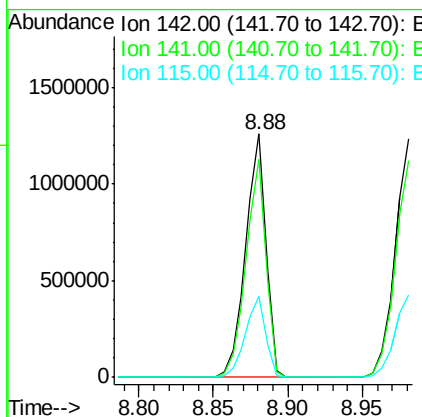
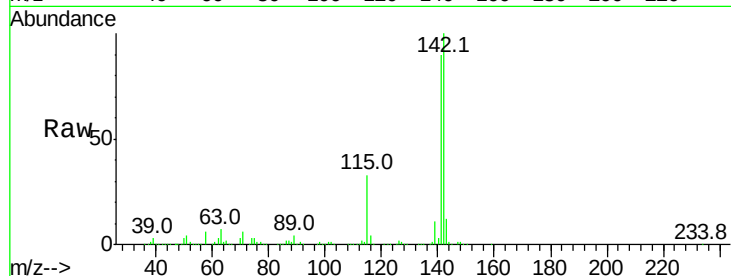
Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1186462

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	33.1	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

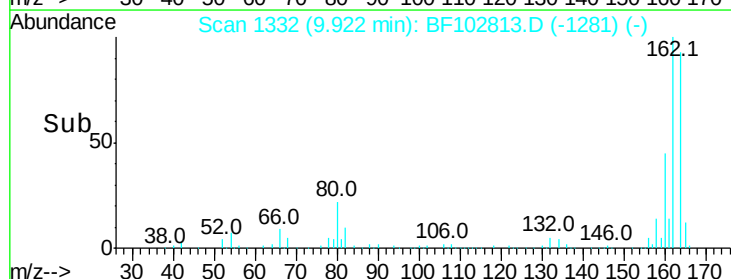
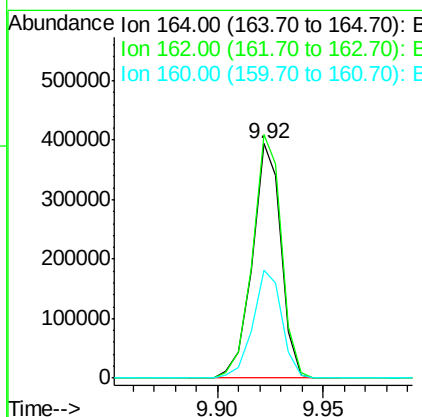
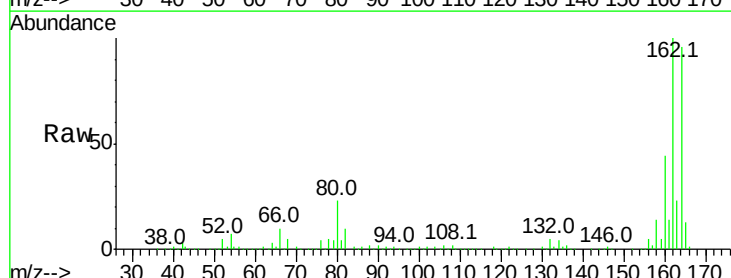
Delta R.T. 0.00 min

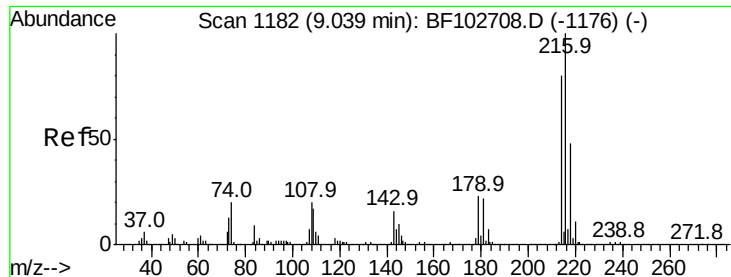
Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Tgt Ion:164 Resp: 371578

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.2	38.3	57.5

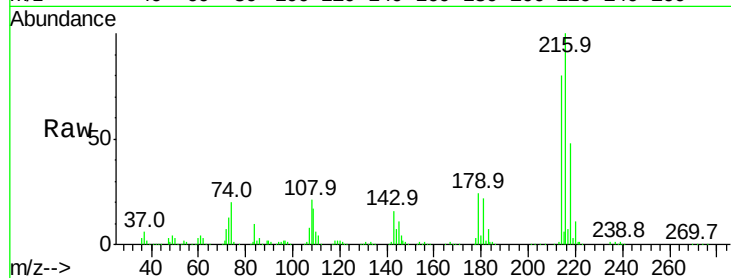




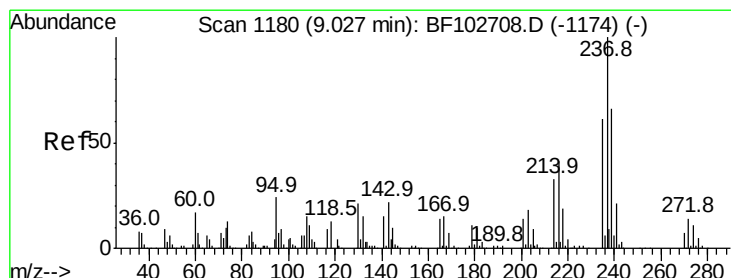
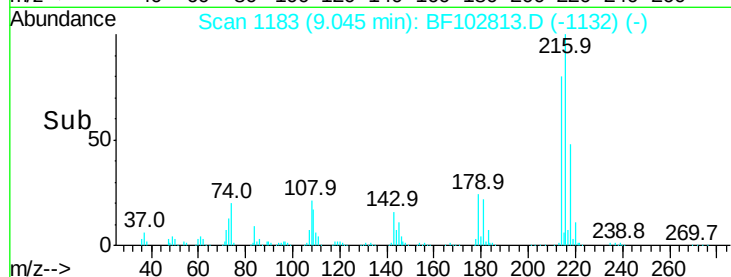
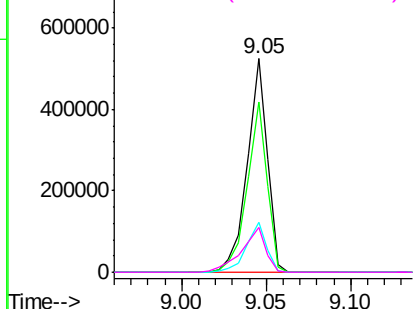
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.607 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	441195
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	23.2	18.1	27.1
108	24.9	17.2	25.8

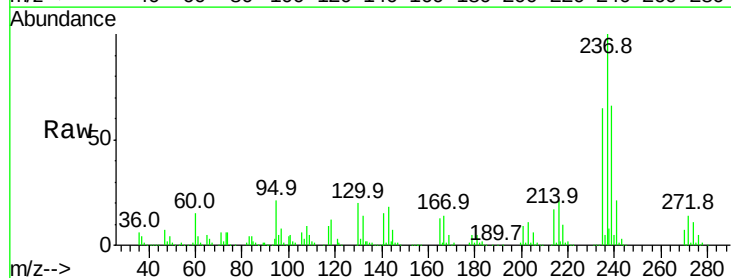


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

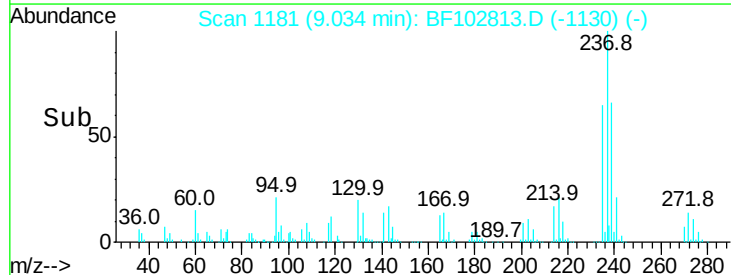
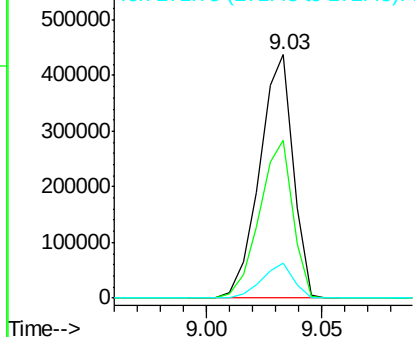


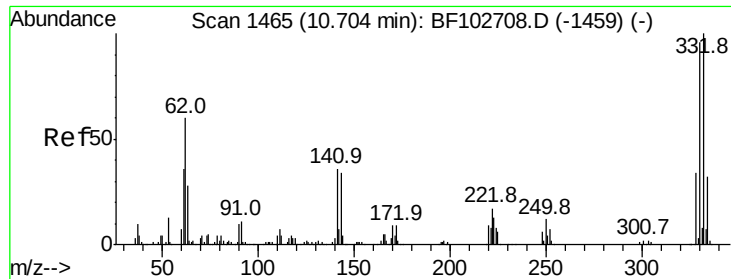
#40
 Hexachlorocyclopentadiene
 Concen: 92.101 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:	237	Resp:	442971
Ion	Ratio	Lower	Upper
237	100		
235	64.8	44.8	84.8
272	14.3	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

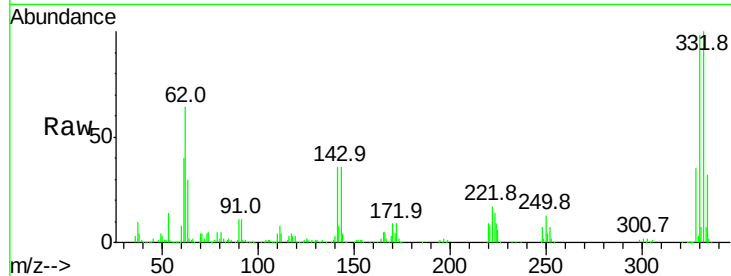




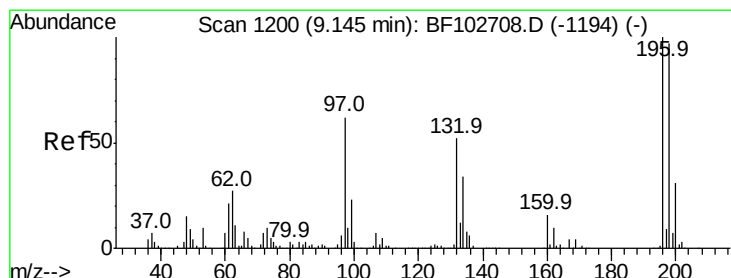
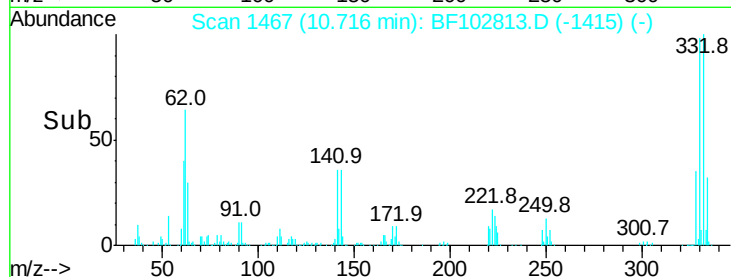
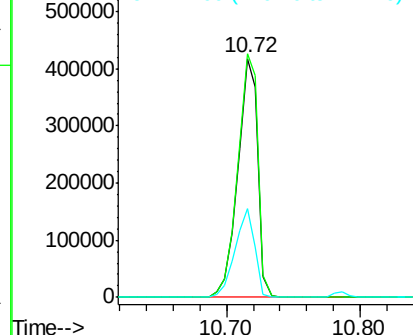
#41
 2,4,6-Tribromophenol
 Concen: 147.301 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 440543
 Ion Ratio Lower Upper
 330 100
 332 103.3 77.0 115.6
 141 36.9 29.9 44.9

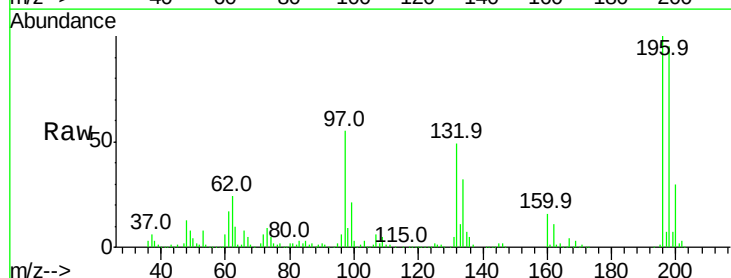


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

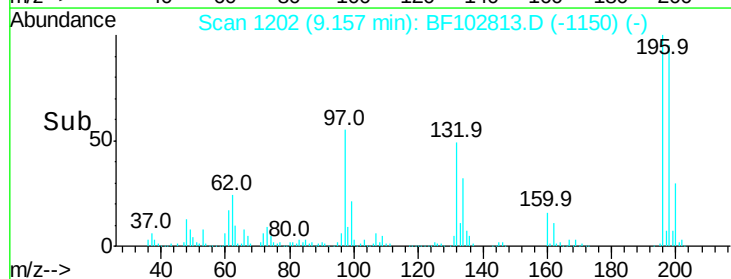
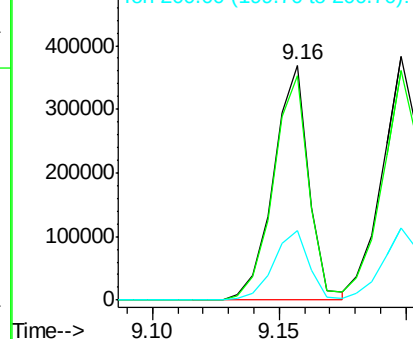


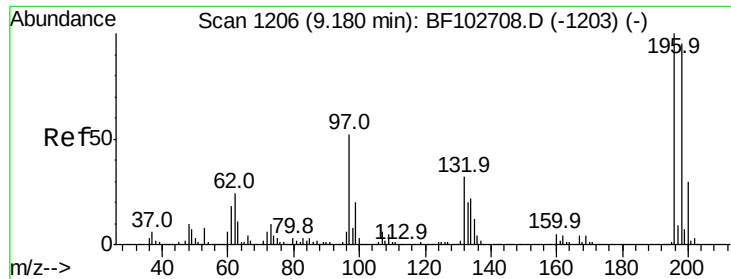
#42
 2,4,6-Trichlorophenol
 Concen: 53.978 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:196 Resp: 358708
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 29.8 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

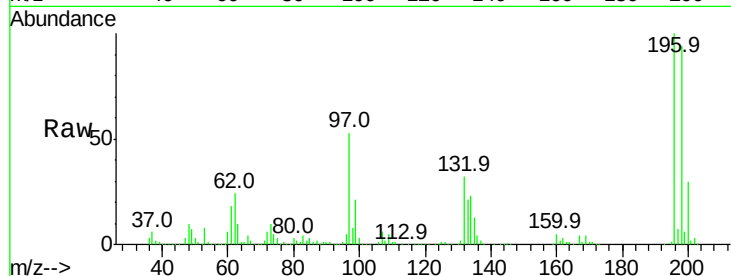




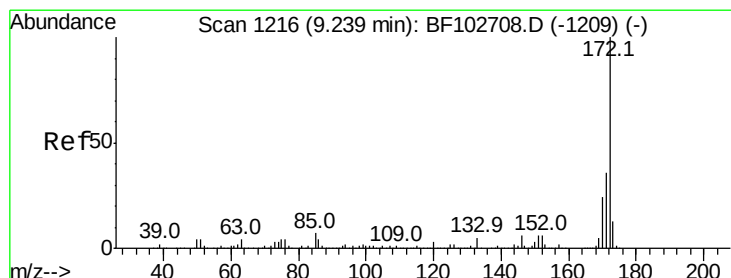
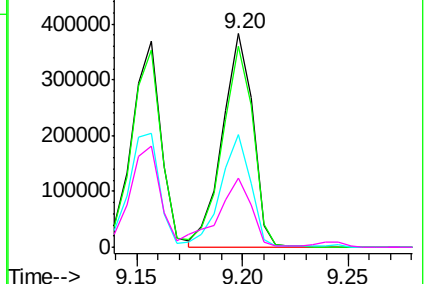
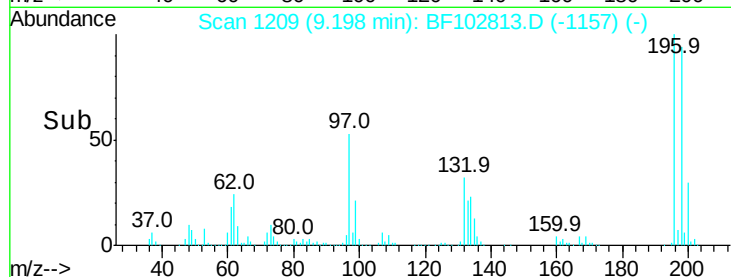
#43
 2,4,5-Trichlorophenol
 Concen: 50.957 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 381667
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.6 112.0
 97 53.0 42.9 64.3
 132 32.5 26.3 39.5

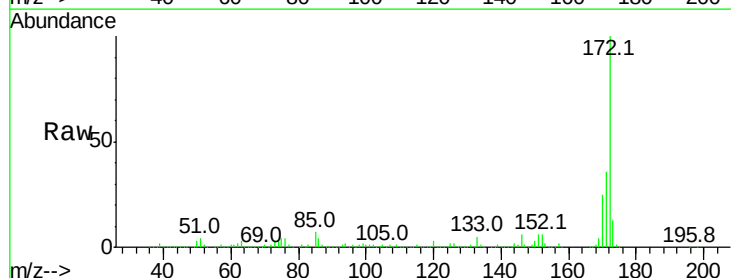


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

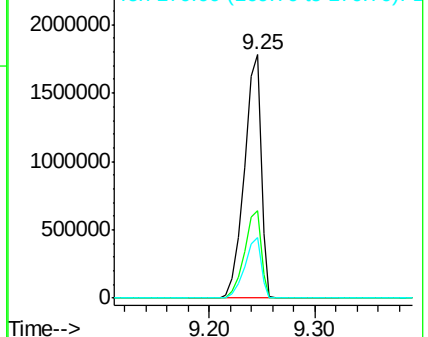
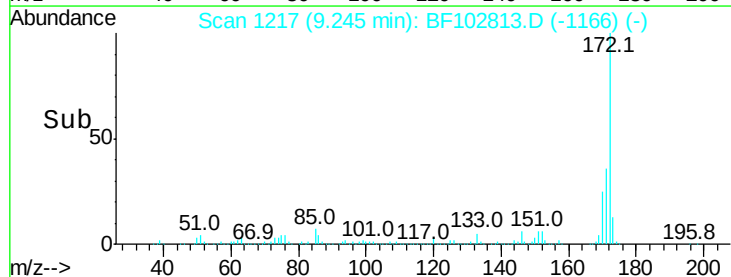


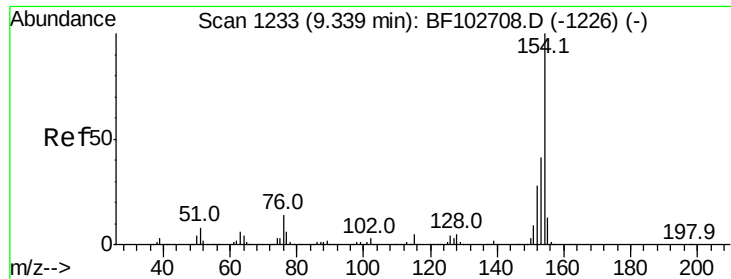
#44
 2-Fluorobiphenyl
 Concen: 86.206 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:172 Resp: 1930407
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.9 19.6 29.4



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



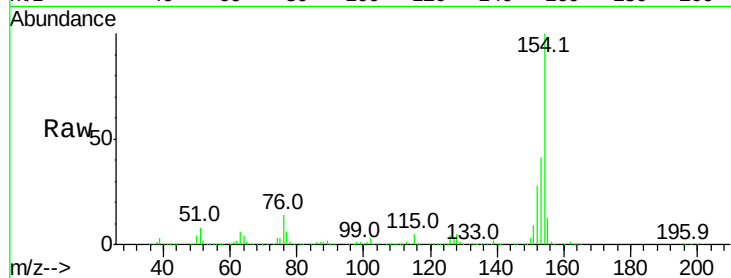


#45
 1,1'-Biphenyl
 Concen: 43.482 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

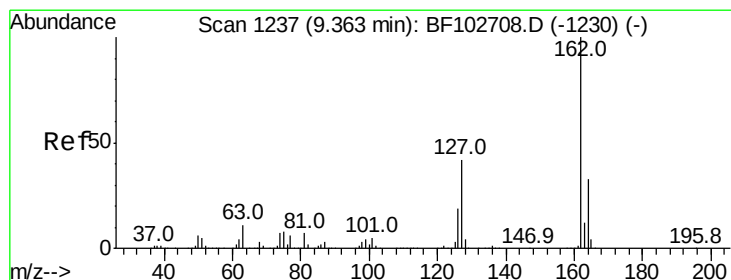
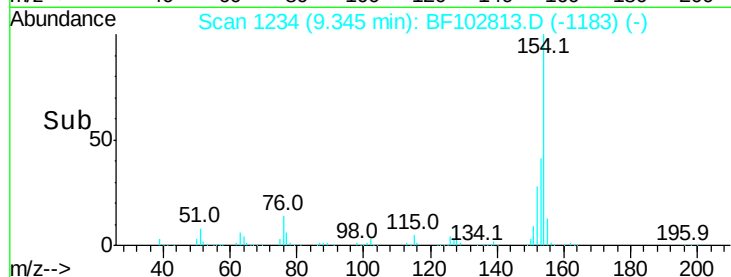
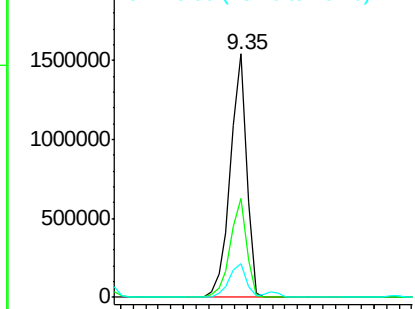
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1360853

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.7	0.0	34.0



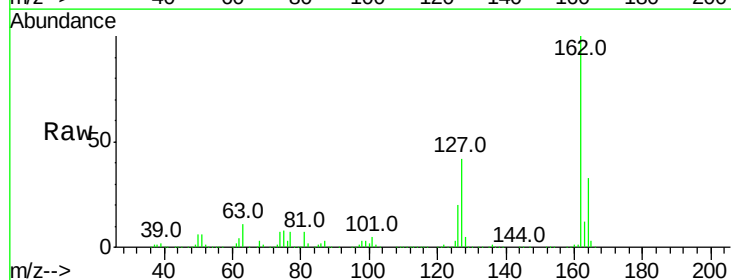
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



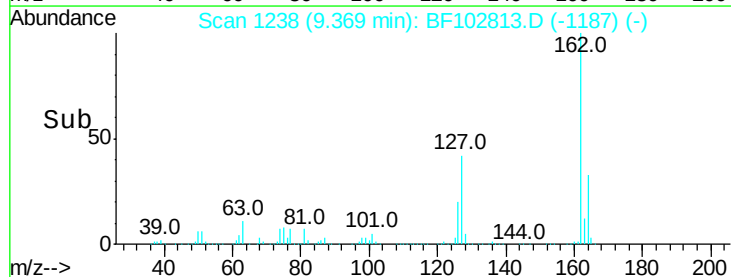
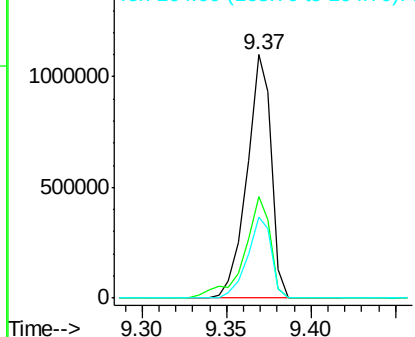
#46
 2-Chloronaphthalene
 Concen: 44.830 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

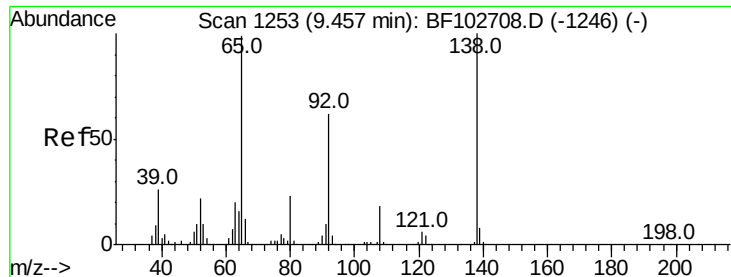
Tgt Ion:162 Resp: 1104573

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.9	50.9
164	33.1	26.5	39.7



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





#47

2-Nitroaniline

Concen: 56.157 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

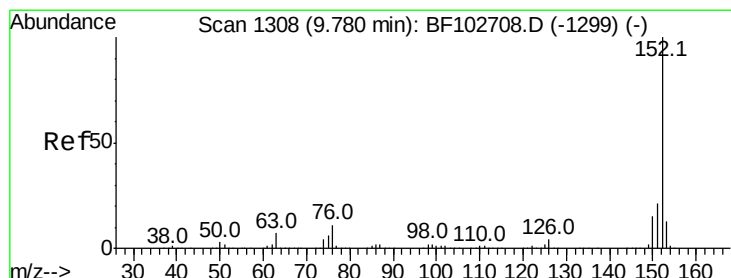
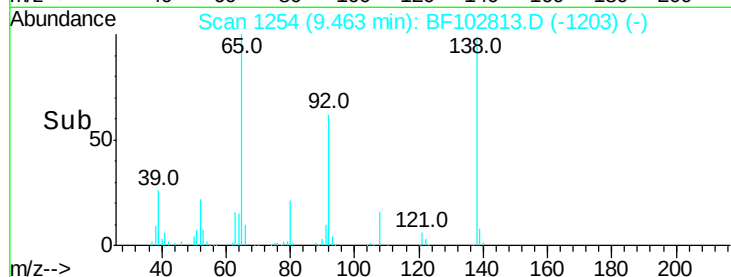
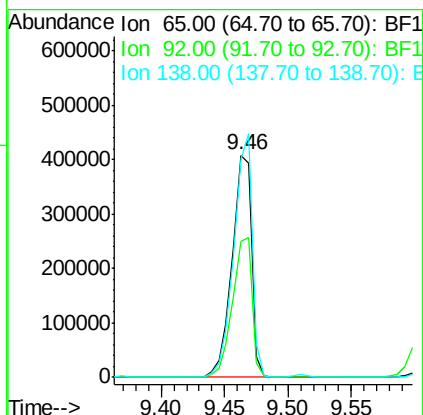
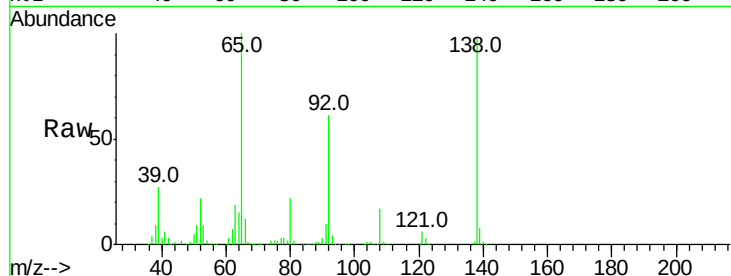
Tot Ion: 65 Resp: 431805

Ion Ratio Lower Upper

65 100

92 61.5 55.8 83.6

138 98.1 91.2 136.8



#48

Acenaphthylene

Concen: 43.684 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

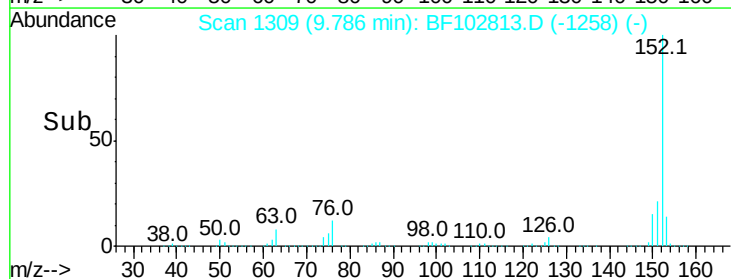
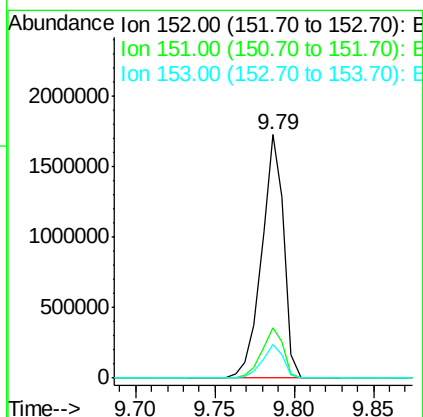
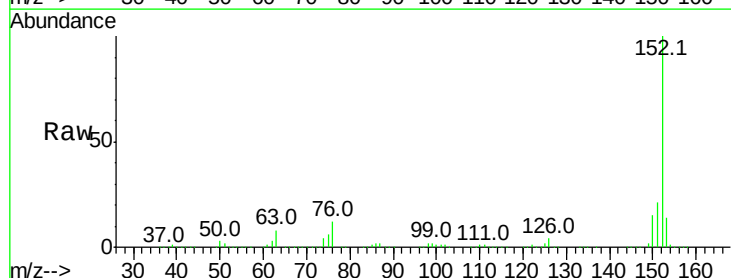
Tgt Ion: 152 Resp: 1671728

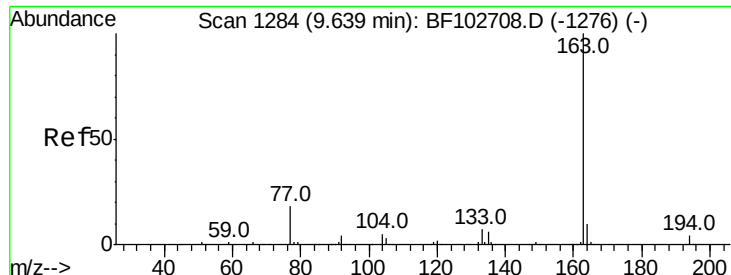
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.7 10.7 16.1

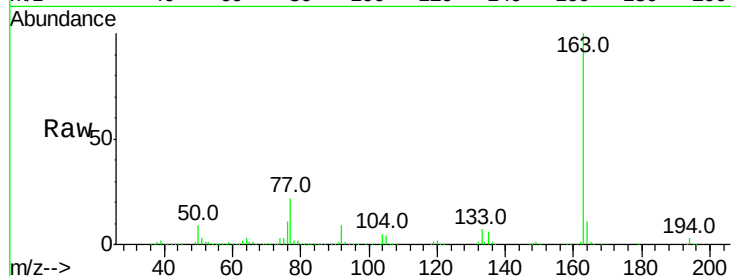




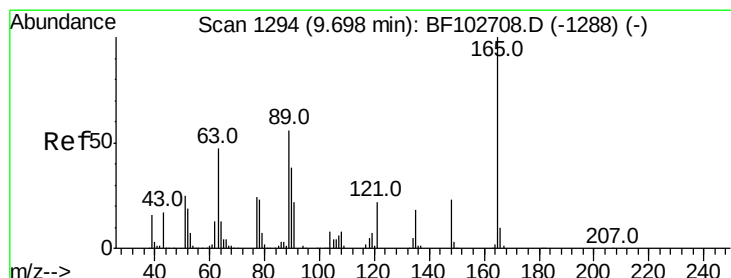
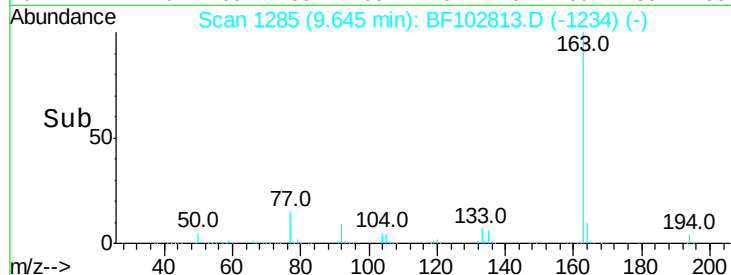
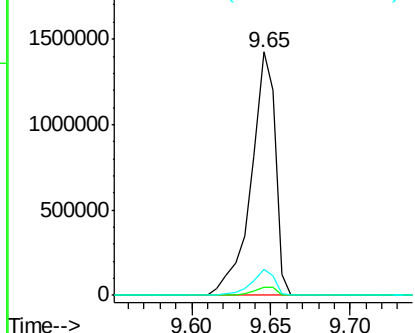
#49
Dimethylphthalate
Concen: 52.045 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1507892
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.8 8.2 12.2

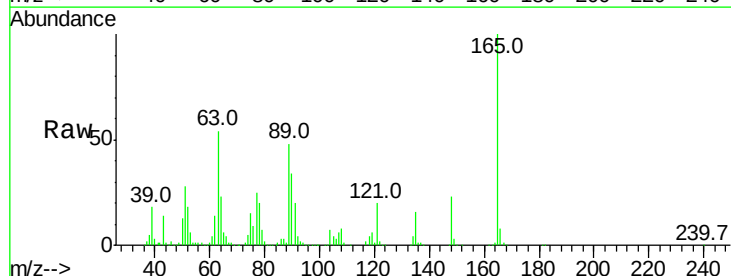


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

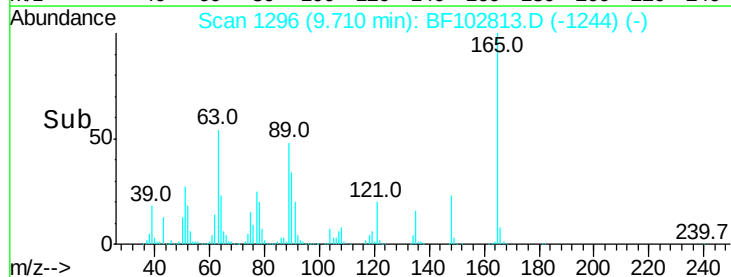
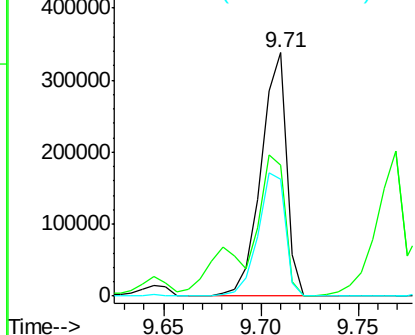


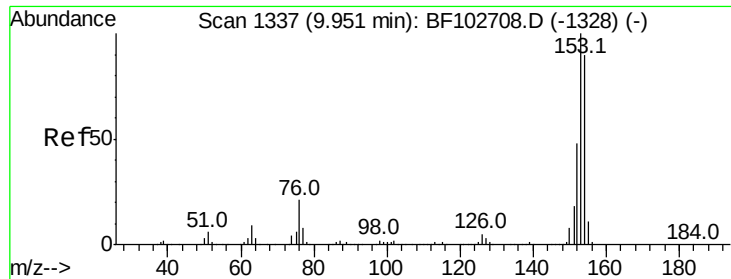
#50
2,6-Dinitrotoluene
Concen: 55.712 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:165 Resp: 307093
Ion Ratio Lower Upper
165 100
63 53.9 44.7 67.1
89 48.1 44.0 66.0



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





#51

Acenaphthene

Concen: 46.406 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

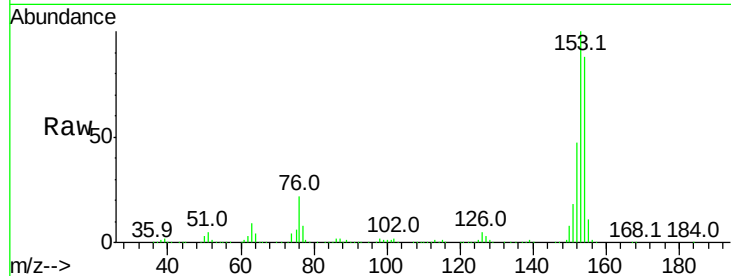
Tot Ion:154 Resp: 1062034

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

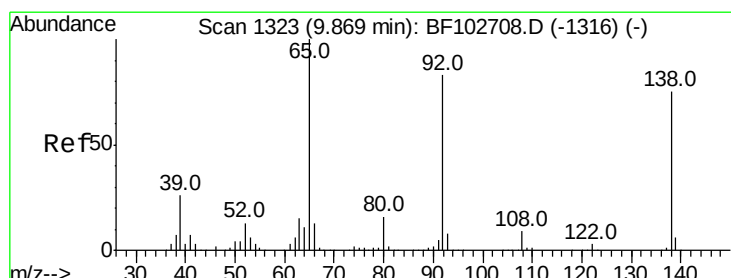
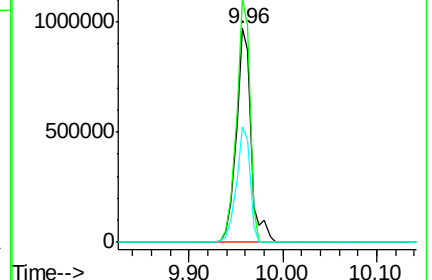
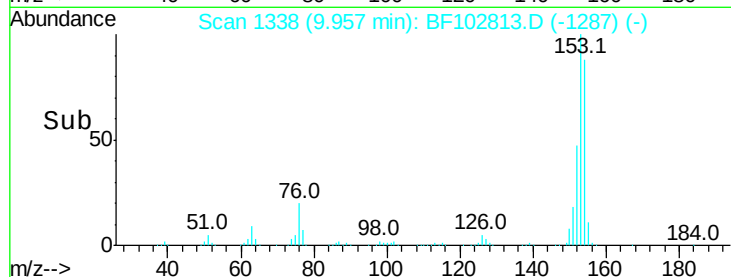
152 53.9 43.8 65.8



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: 37.596 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

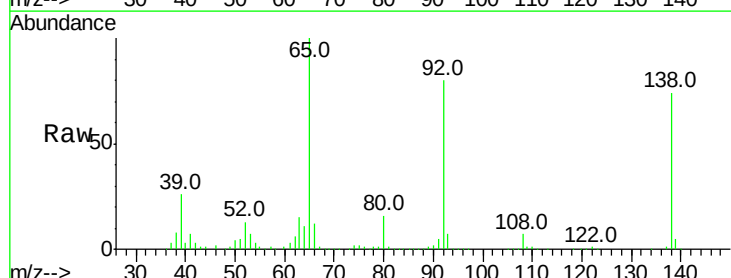
Tgt Ion:138 Resp: 254992

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

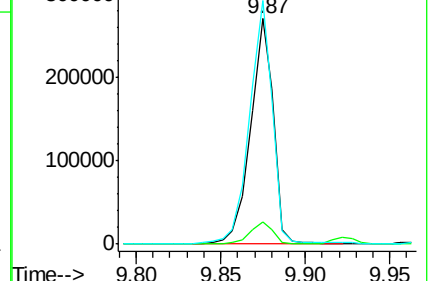
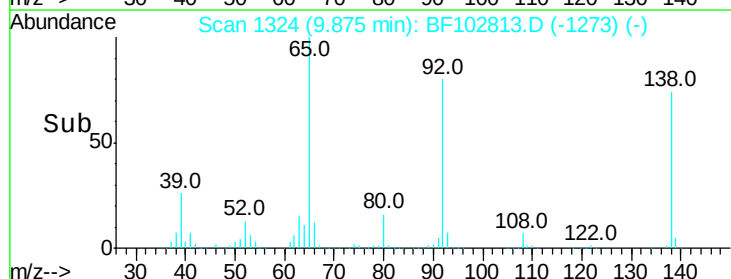
92 108.1 89.4 134.2

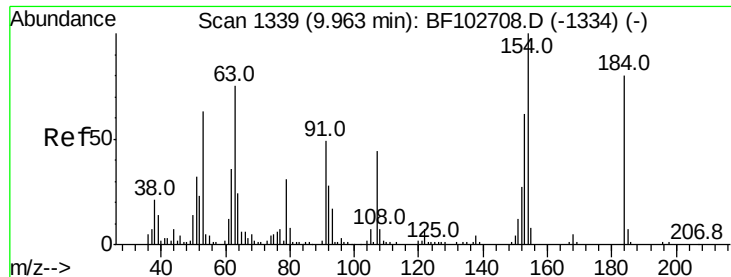


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

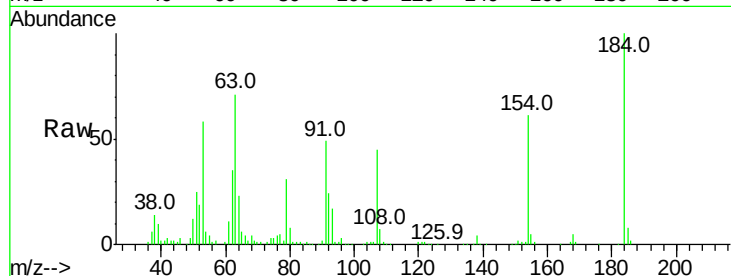




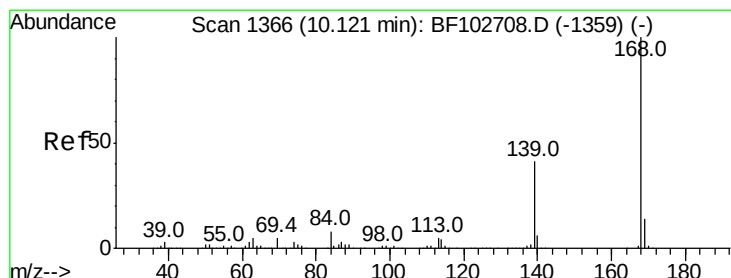
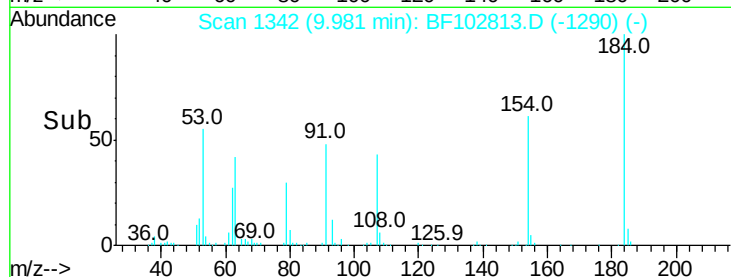
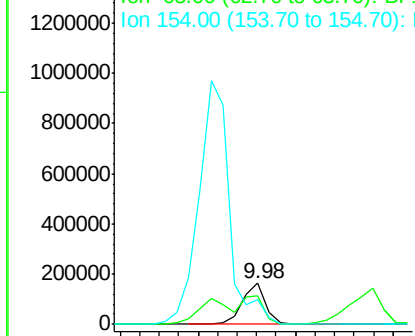
#53
2,4-Dinitrophenol
Concen: 75.521 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 134415
Ion Ratio Lower Upper
184 100
63 71.2 54.2 81.2
154 60.9 184.0 276.0#

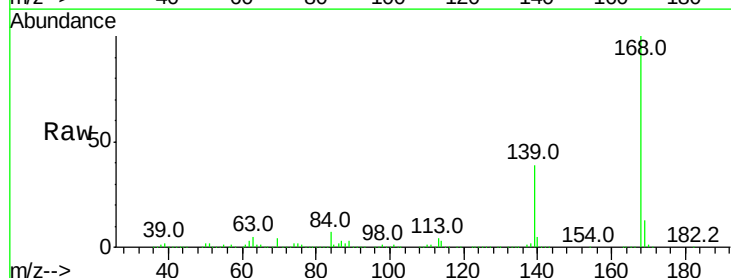


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

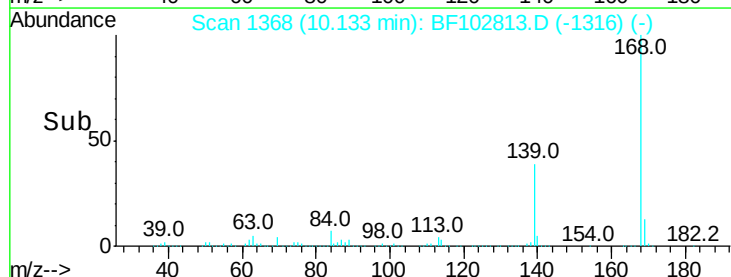
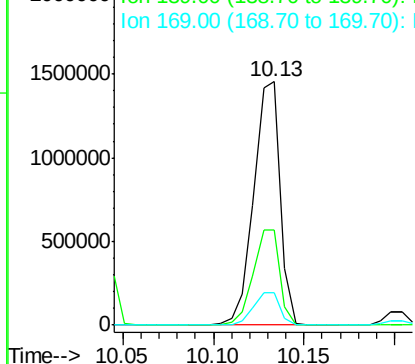


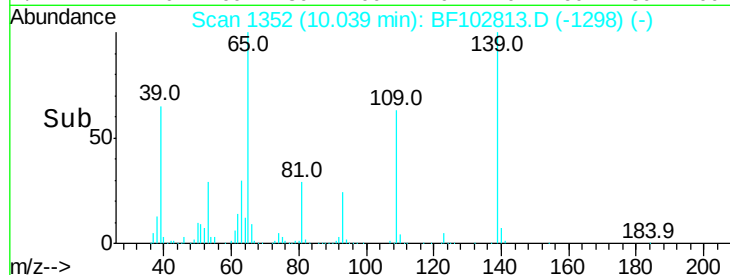
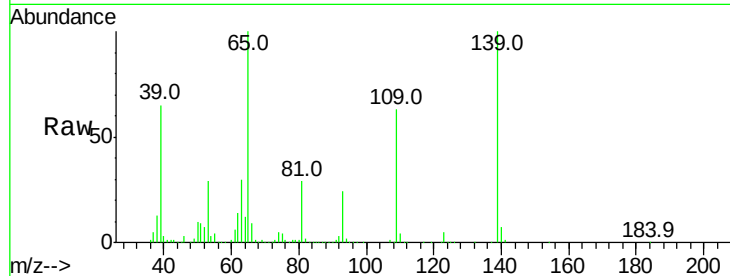
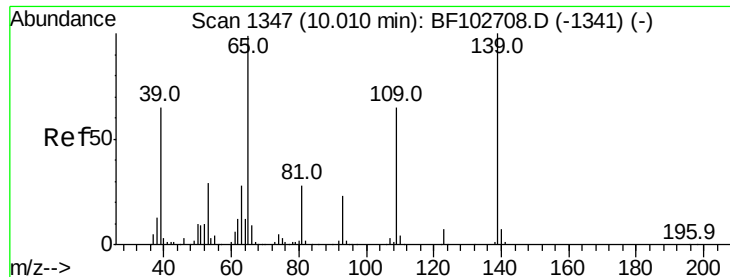
#54
Dibenzofuran
Concen: 45.773 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:168 Resp: 1476281
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 13.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

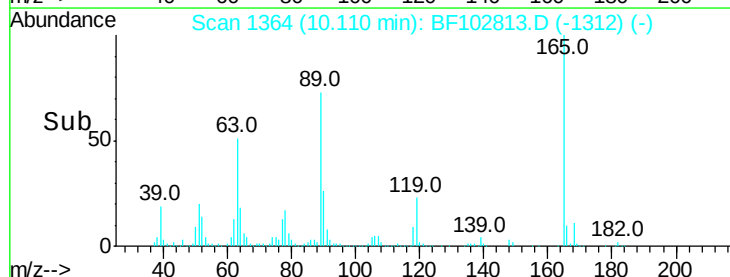
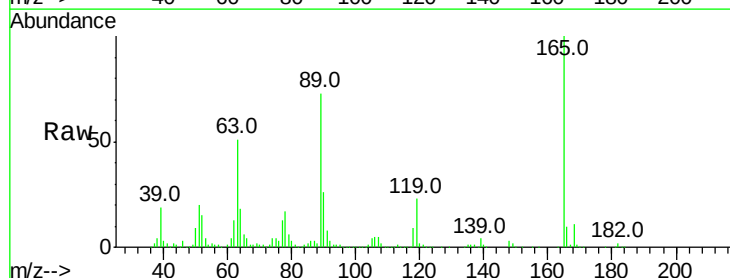
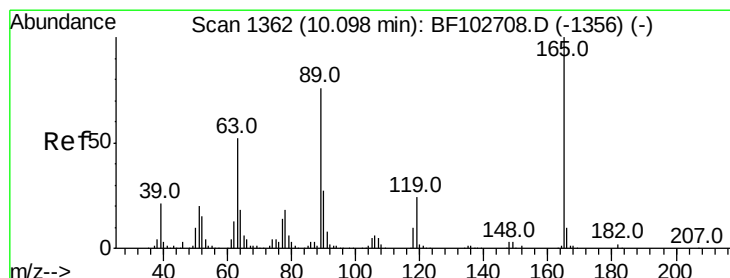
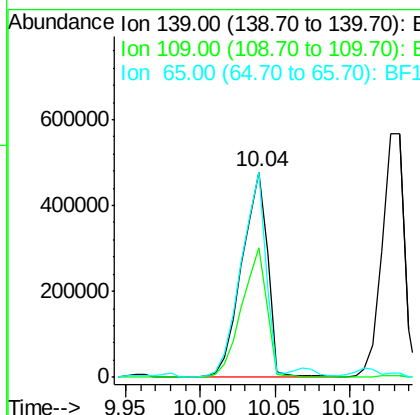




#55
4-Nitrophenol
Concen: 102.106 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

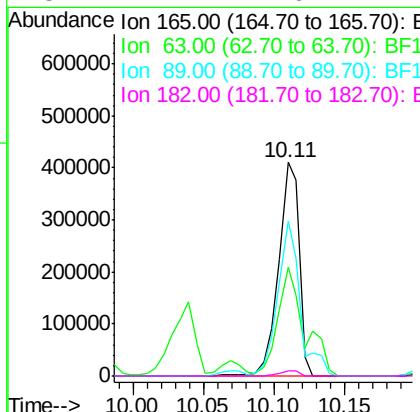
Instrument :
BNA_F
ClientSampleId :

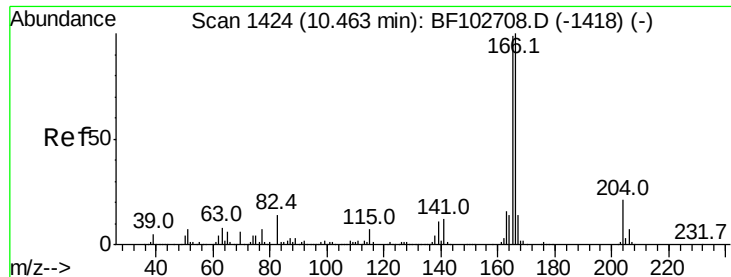
Tot Ion:139 Resp: 575626
Ion Ratio Lower Upper
139 100
109 63.4 48.4 88.4
65 99.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 56.074 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:165 Resp: 418617
Ion Ratio Lower Upper
165 100
63 51.2 36.4 54.6
89 72.7 57.8 86.6
182 2.2 1.6 2.4

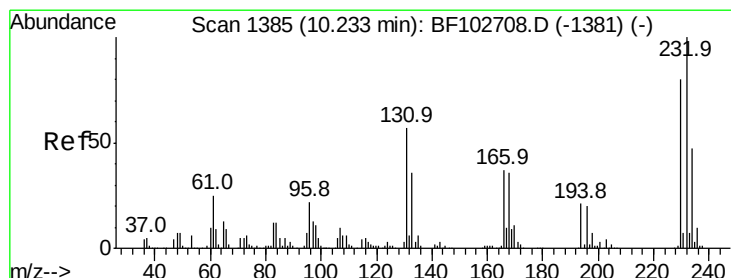
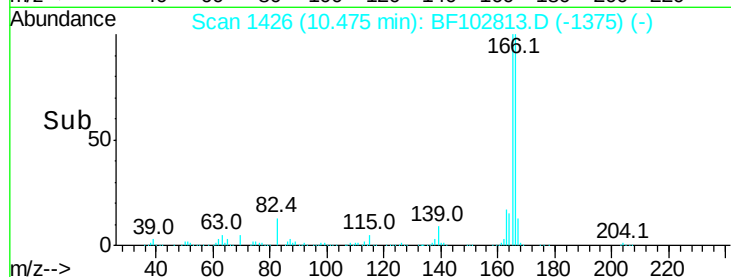
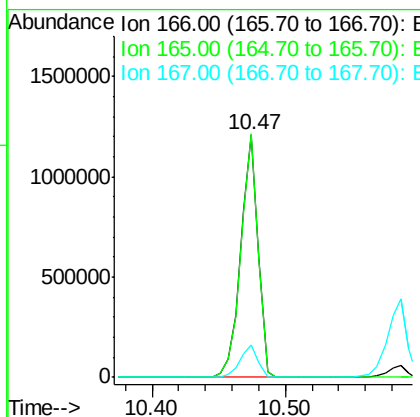
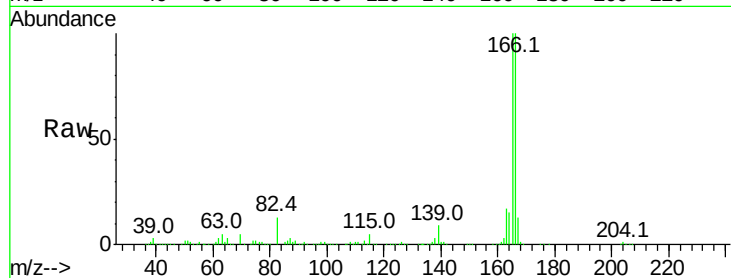




#57
 Fluorene
 Concen: 46.471 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

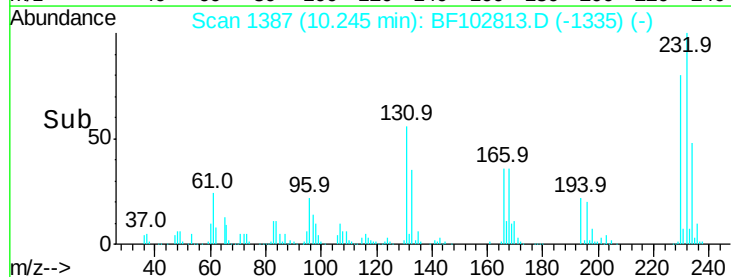
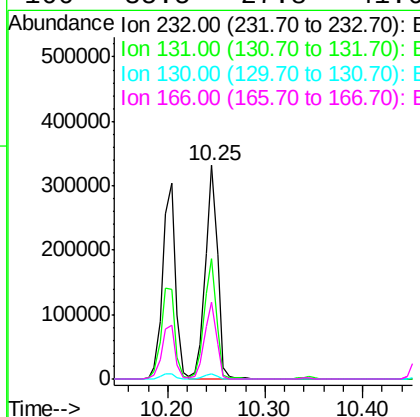
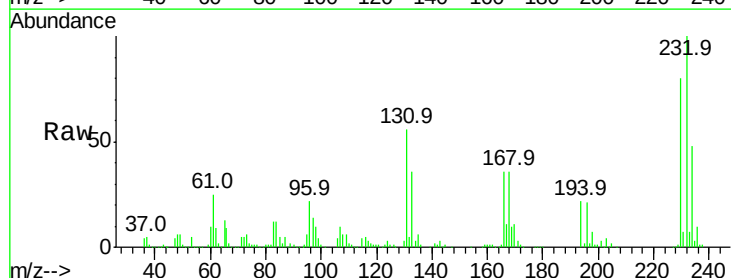
Instrument :
 BNA_F
 ClientSampleId :

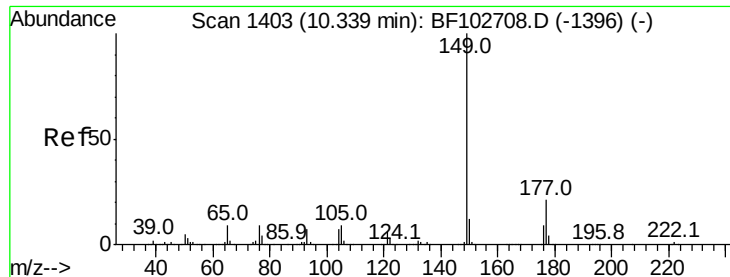
Tot Ion:166 Resp: 1090502
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.695 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:232 Resp: 289127
 Ion Ratio Lower Upper
 232 100
 131 55.4 43.8 65.8
 130 2.7 2.1 3.1
 166 35.5 27.8 41.6

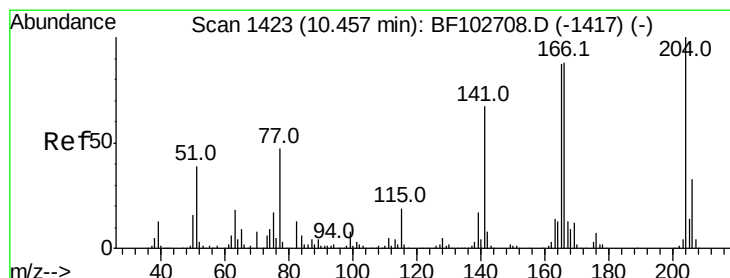
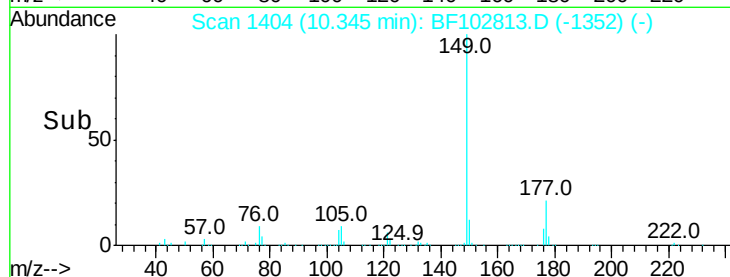
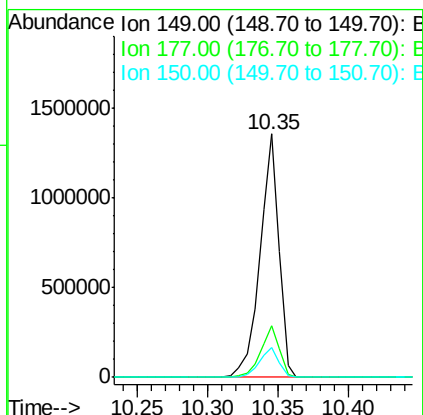
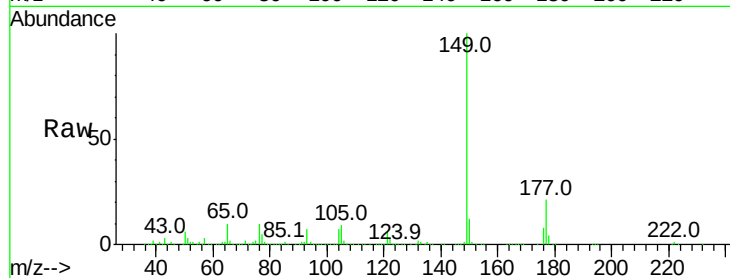




#59
Diethylphthalate
Concen: 44.902 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

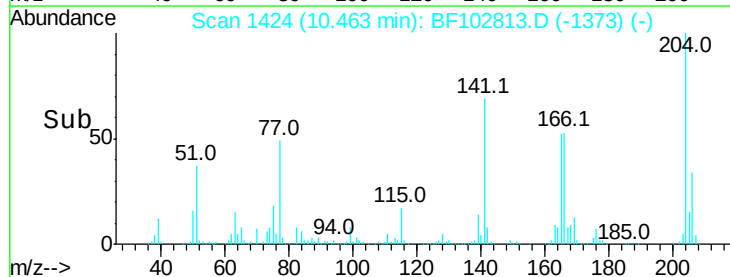
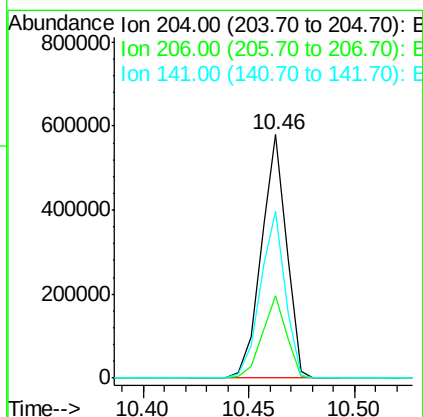
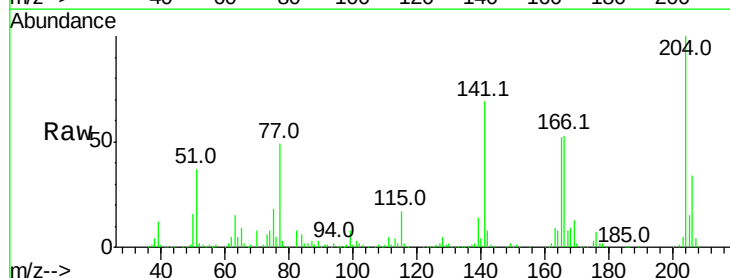
Instrument :
BNA_F
ClientSampleId :

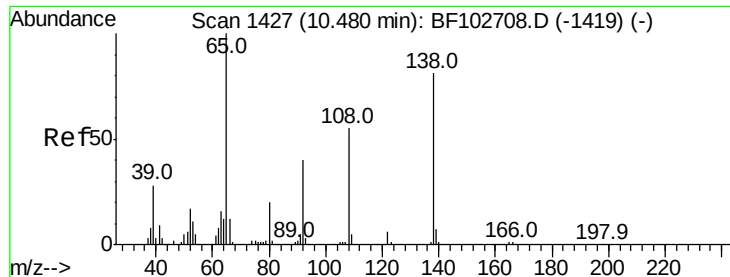
Tot Ion:149 Resp: 1284561
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.104 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:204 Resp: 478593
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 68.7 54.6 81.8

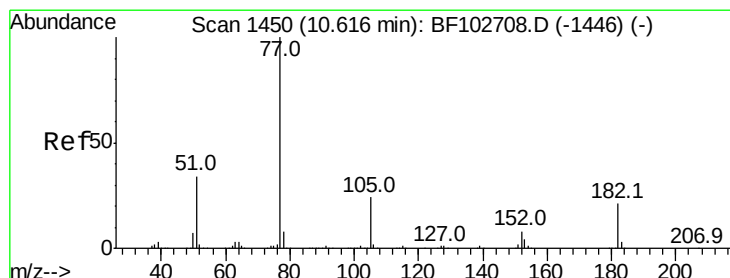
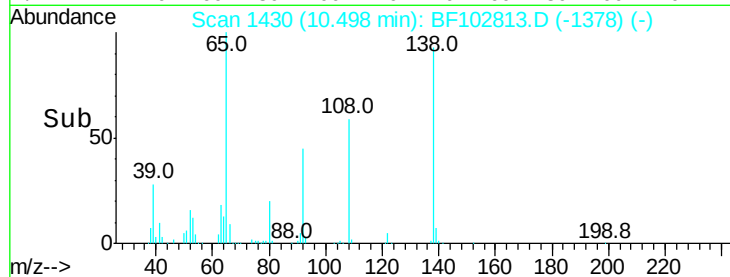
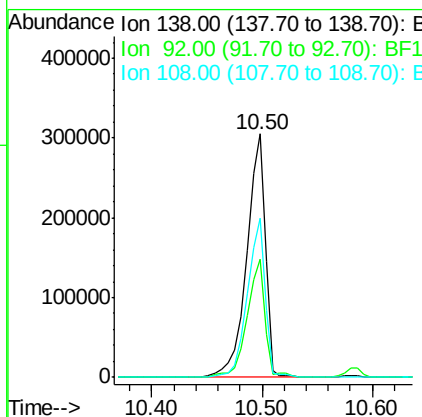
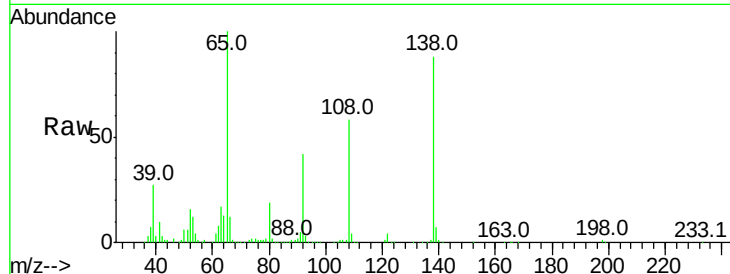




#61
 4-Nitroaniline
 Concen: 56.486 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

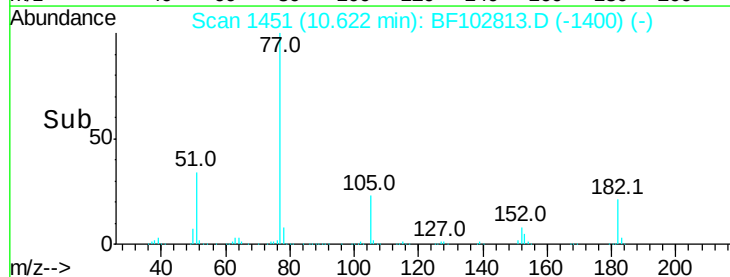
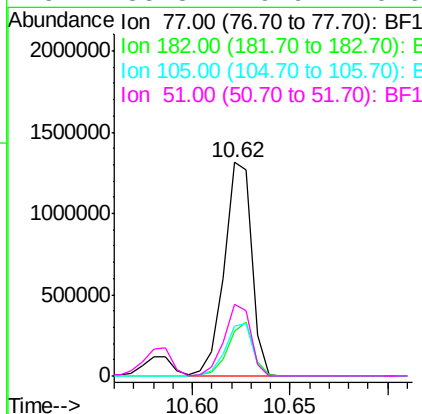
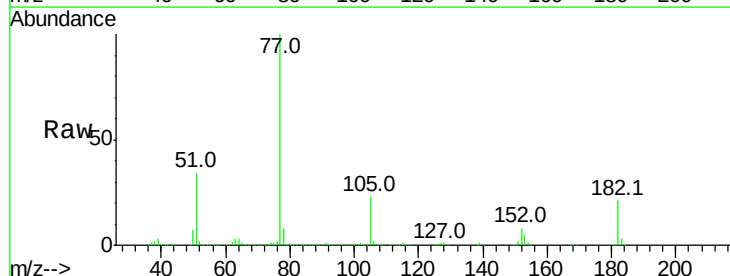
Instrument :
 BNA_F
 ClientSampleId :

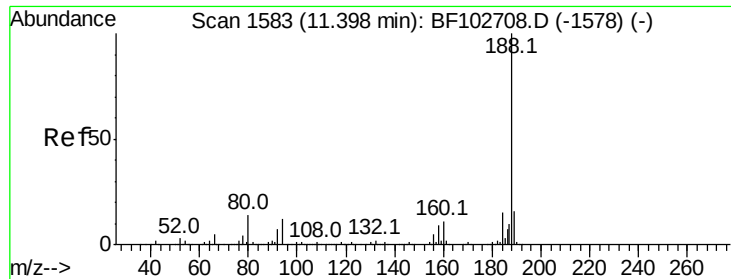
Tot Ion:138 Resp: 364661
 Ion Ratio Lower Upper
 138 100
 92 48.3 30.2 70.2
 108 65.6 52.5 92.5



#62
 Azobenzene
 Concen: 44.820 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion: 77 Resp: 1280928
 Ion Ratio Lower Upper
 77 100
 182 20.8 1.7 41.7
 105 23.4 3.0 43.0
 51 33.8 9.9 49.9

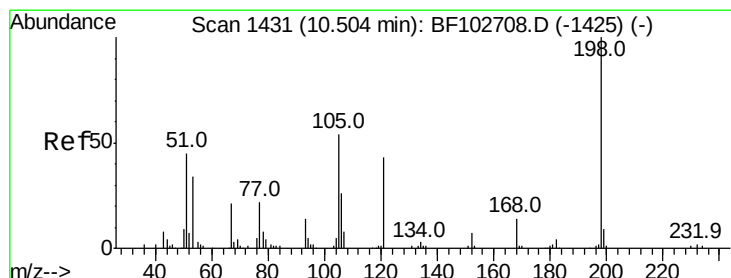
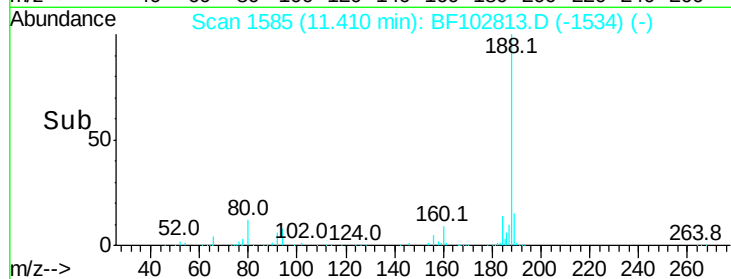
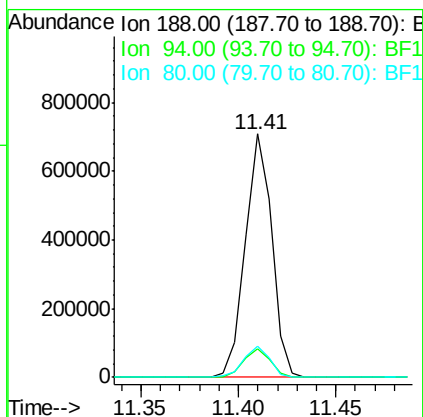
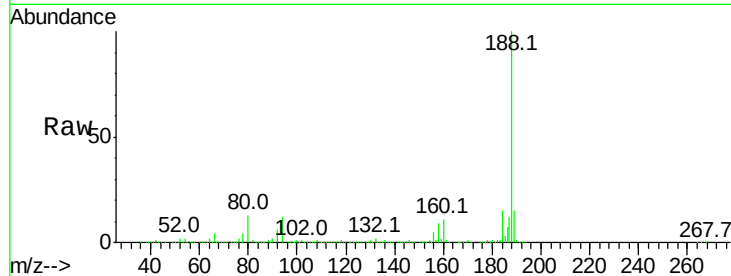




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

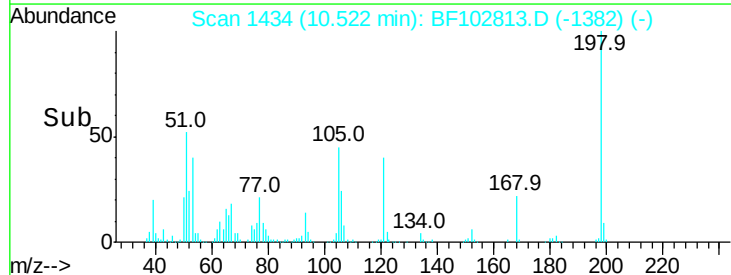
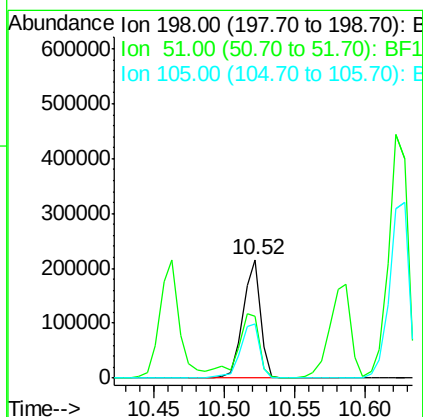
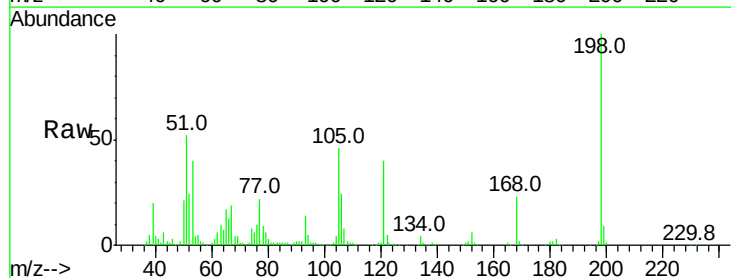
Instrument :
BNA_F
ClientSampleId :

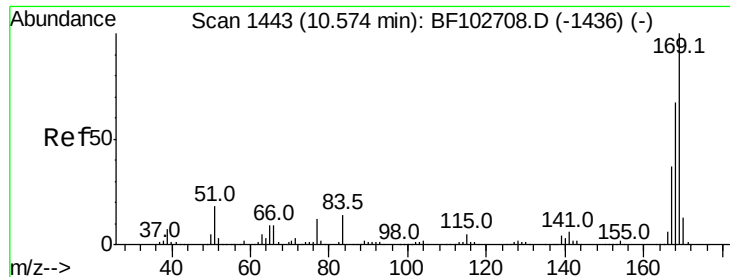
Tot Ion:188 Resp: 669005
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 61.430 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:198 Resp: 186699
Ion Ratio Lower Upper
198 100
51 51.9 37.7 77.7
105 45.8 36.3 76.3



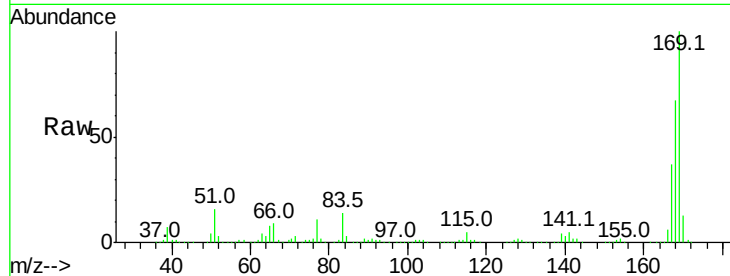


#65
 n-Nitrosodiphenylamine
 Concen: 43.929 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

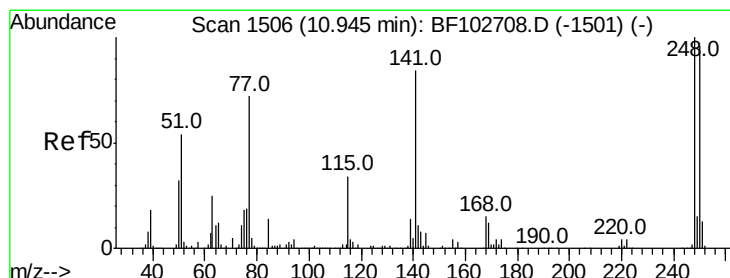
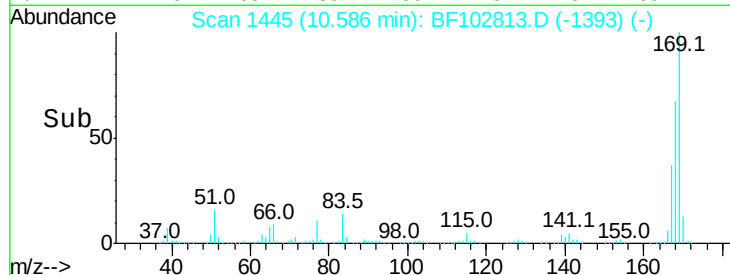
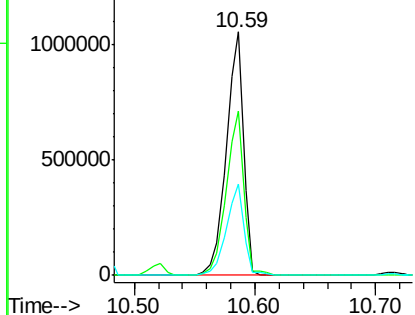
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 1036618

Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.4	81.6
167	37.4	29.8	44.6



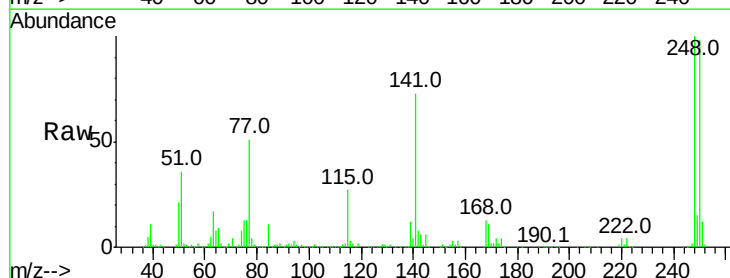
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



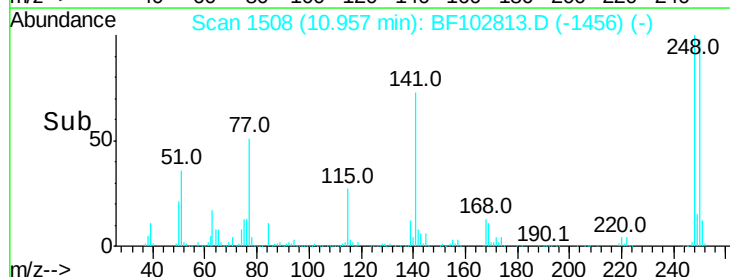
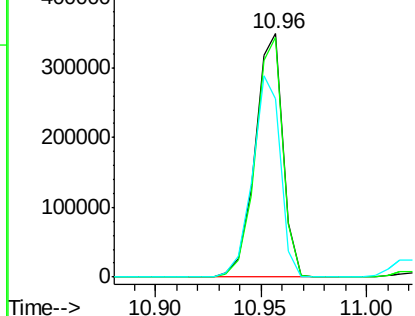
#66
 4-Bromophenyl-phenylether
 Concen: 45.137 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

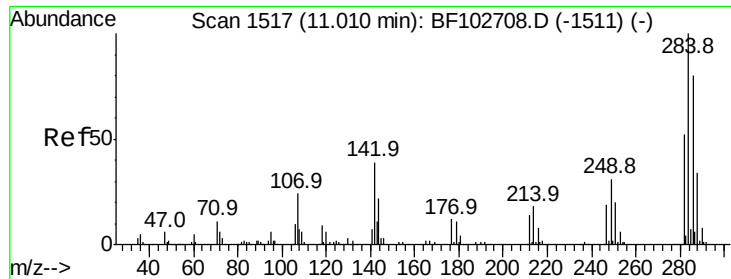
Tgt Ion:248 Resp: 319426

Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.9	115.3
141	73.2	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

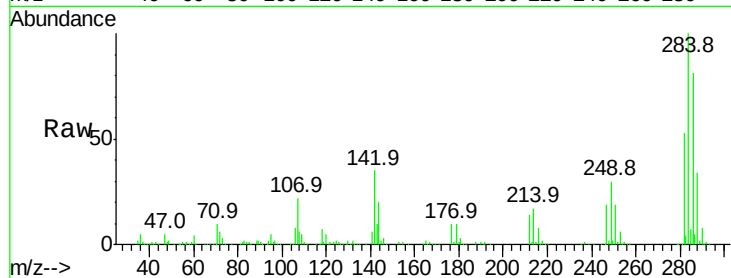




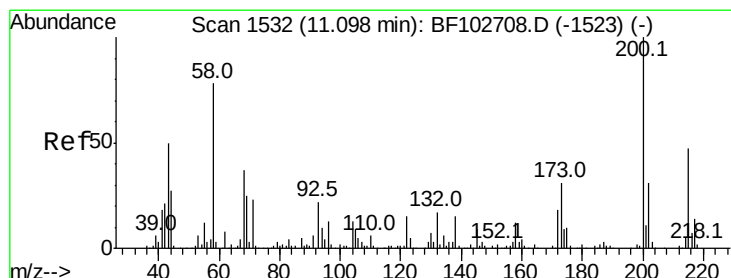
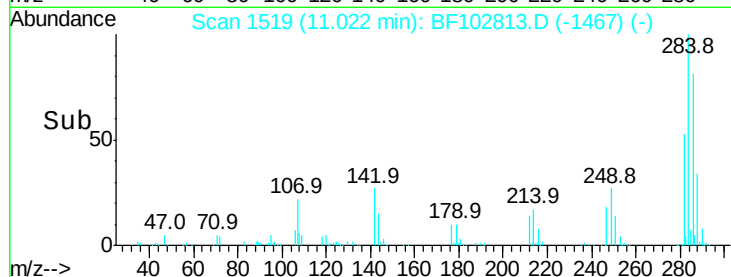
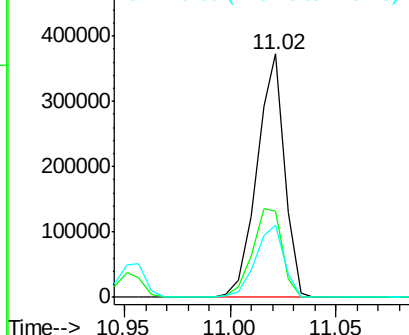
#67
Hexachlorobenzene
Concen: 43.374 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 338627
Ion Ratio Lower Upper
284 100
142 35.2 34.6 52.0
249 29.8 24.8 37.2

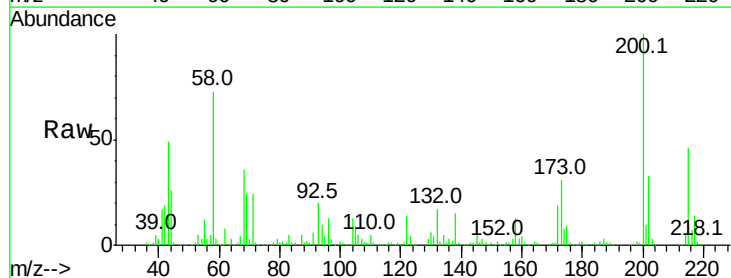


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

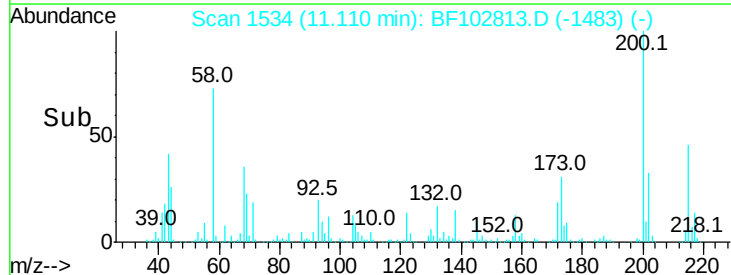
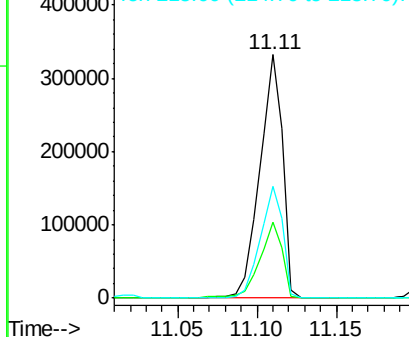


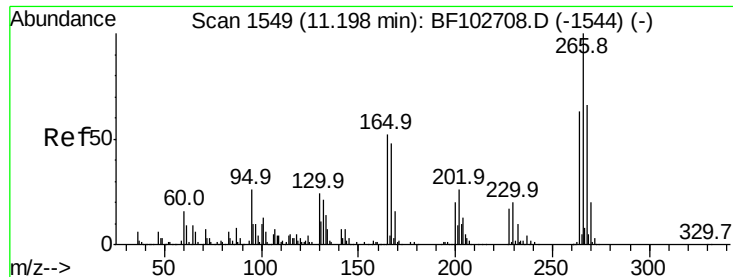
#68
Atrazine
Concen: 48.065 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:200 Resp: 334612
Ion Ratio Lower Upper
200 100
173 31.3 8.6 48.6
215 45.6 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 82.154 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampled :

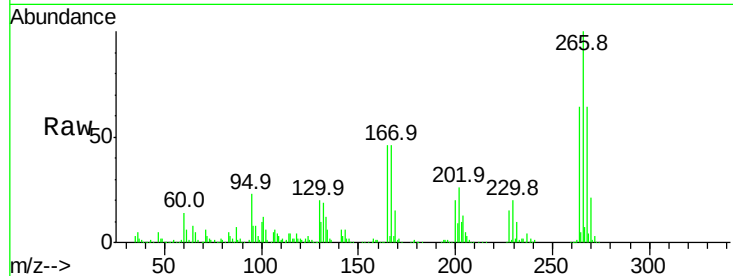
Tot Ion:266 Resp: 376505

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

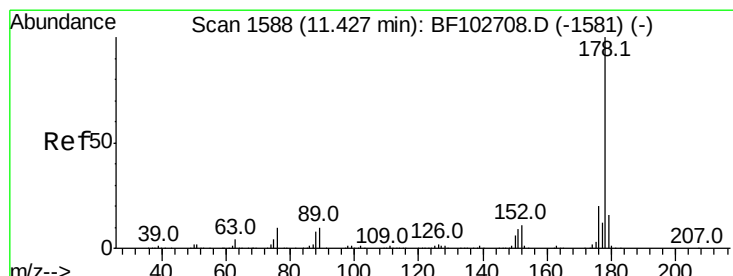
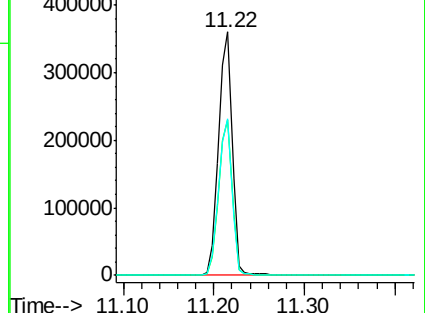
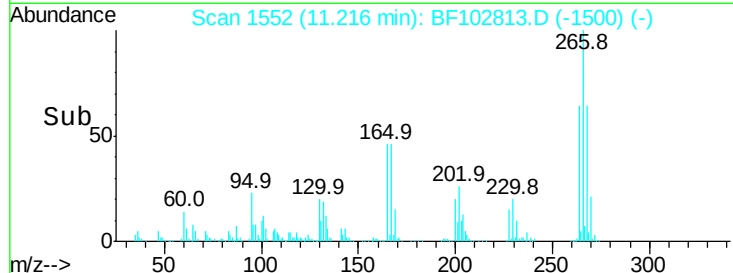
264 64.2 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.261 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

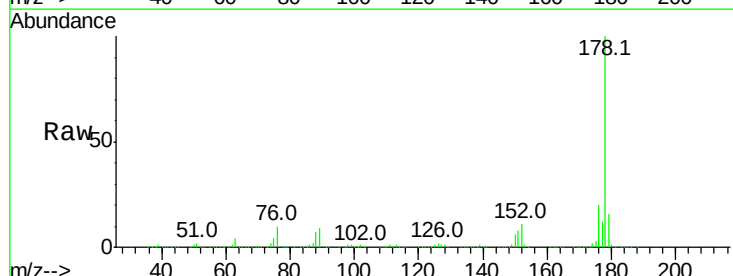
Tgt Ion:178 Resp: 1611877

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

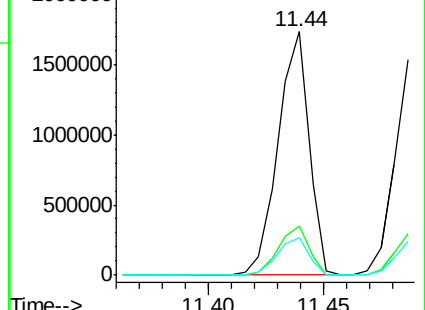
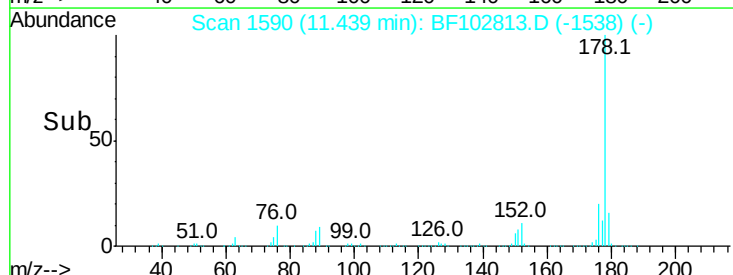
179 15.6 13.0 19.6

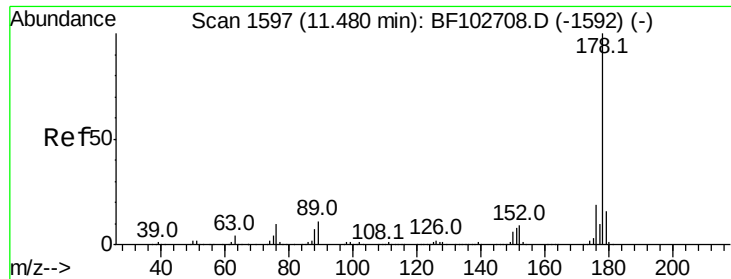


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

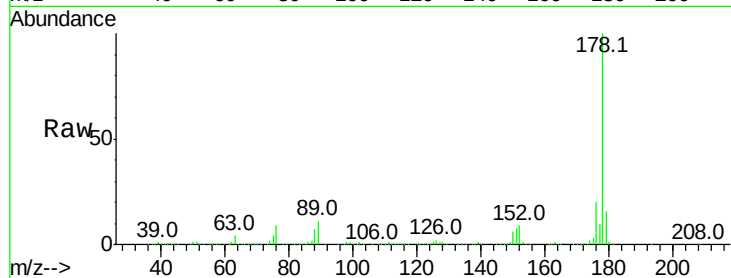




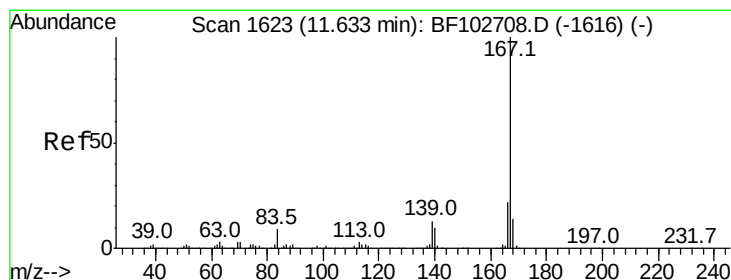
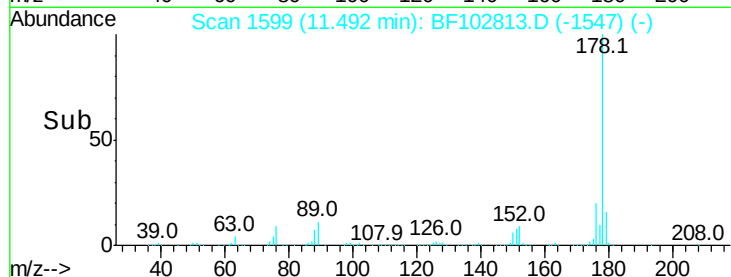
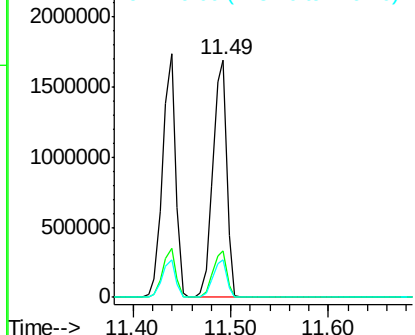
#71
 Anthracene
 Concen: 44.020 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1668173
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.6 12.6 19.0

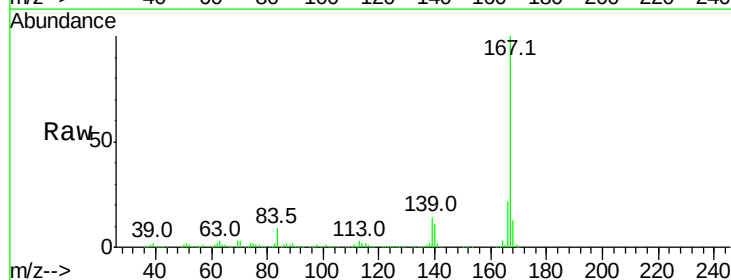


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

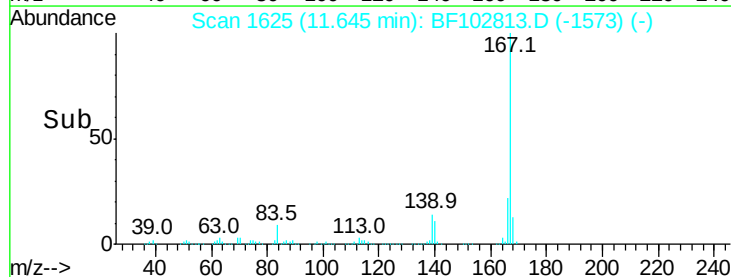
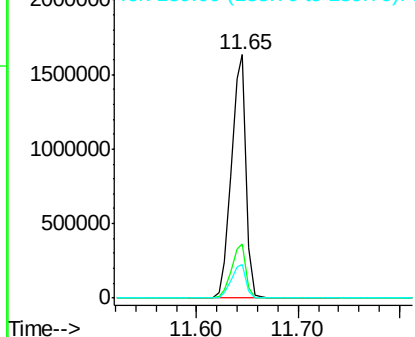


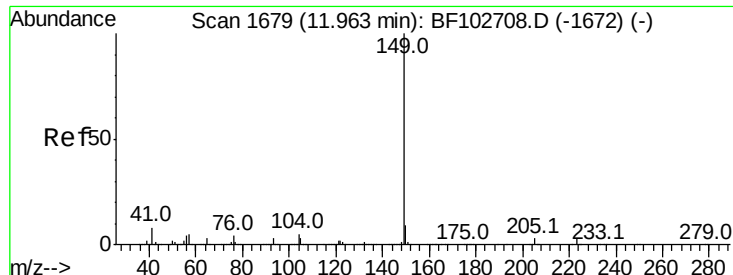
#72
 Carbazole
 Concen: 43.850 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:167 Resp: 1627996
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.368 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

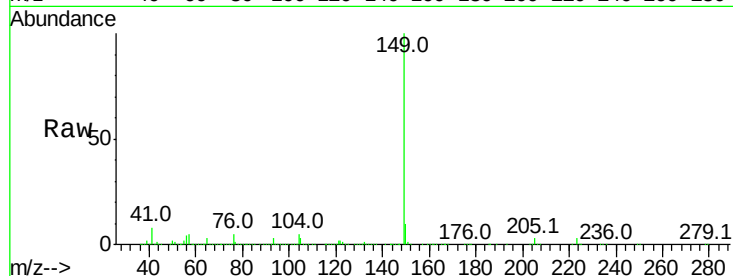
Tot Ion:149 Resp: 2000938

Ion Ratio Lower Upper

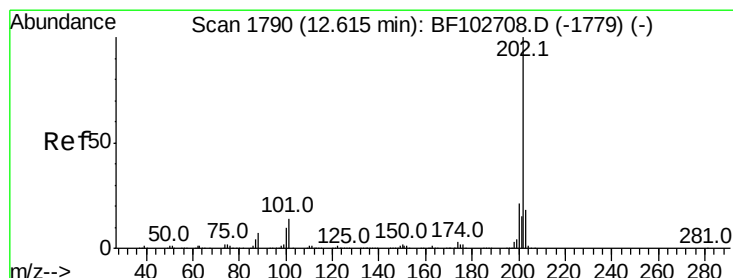
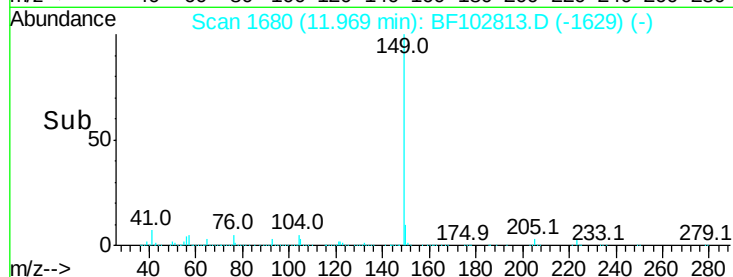
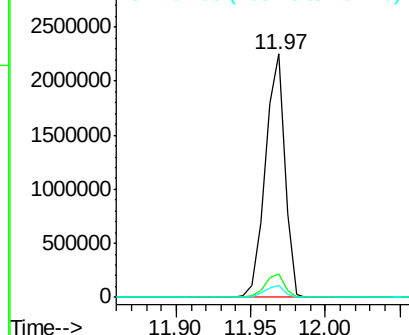
149 100

150 9.6 7.8 11.6

104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.528 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

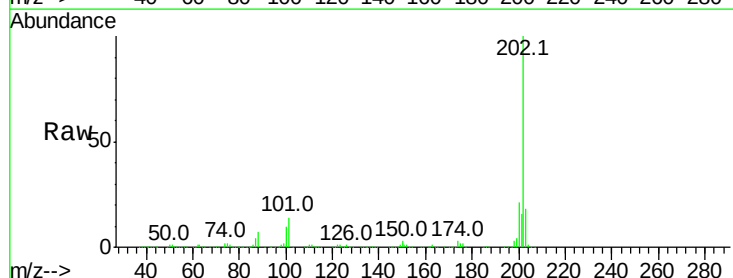
Tgt Ion:202 Resp: 1669215

Ion Ratio Lower Upper

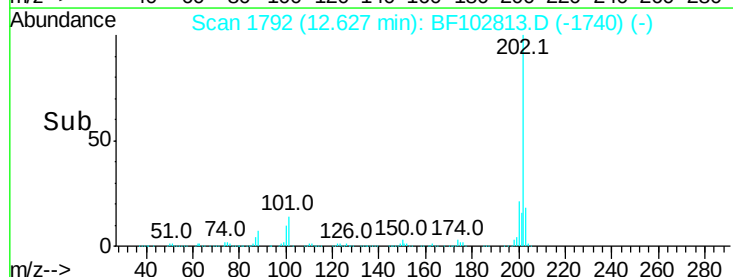
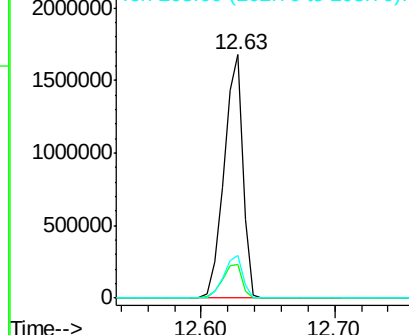
202 100

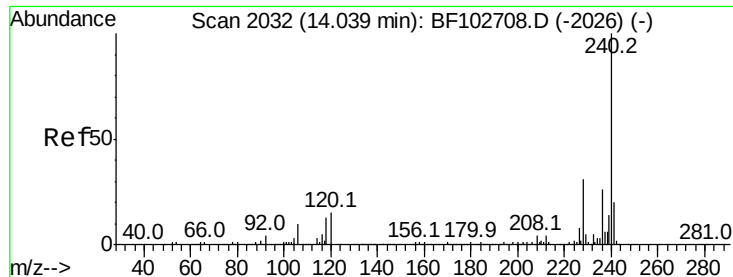
101 13.9 0.0 34.1

203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :

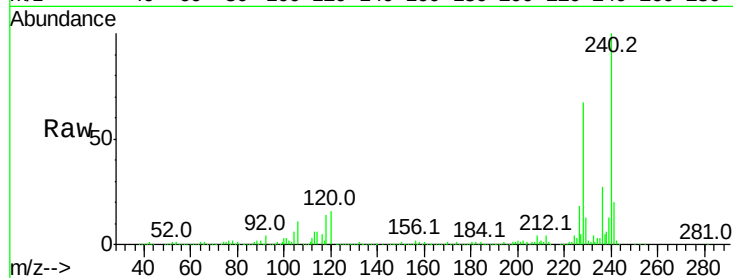
Tot Ion:240 Resp: 461942

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

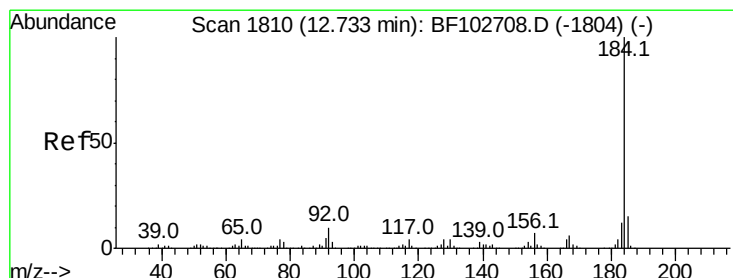
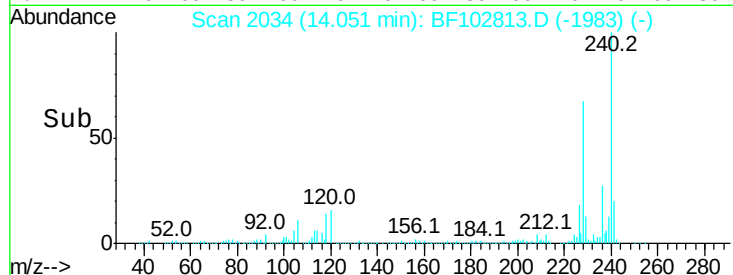
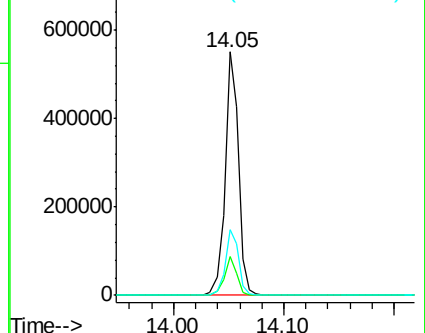
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.038 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

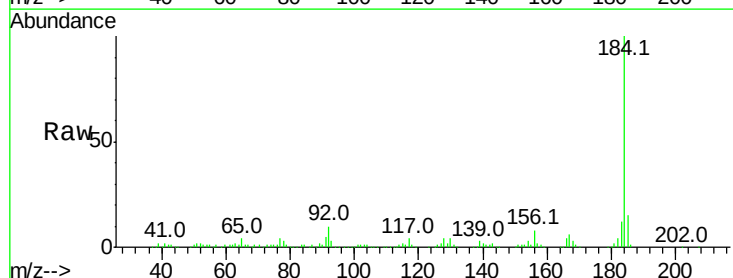
Tgt Ion:184 Resp: 382959

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

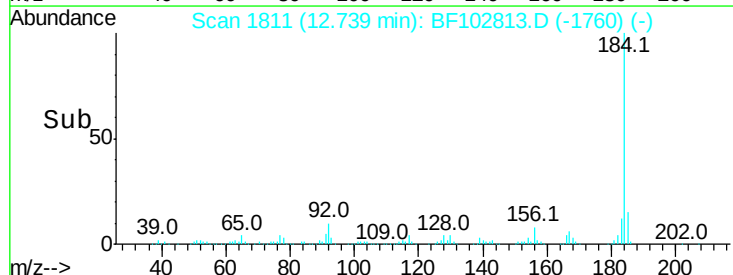
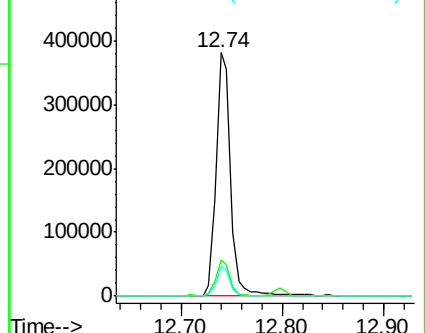
183 12.0 9.3 13.9

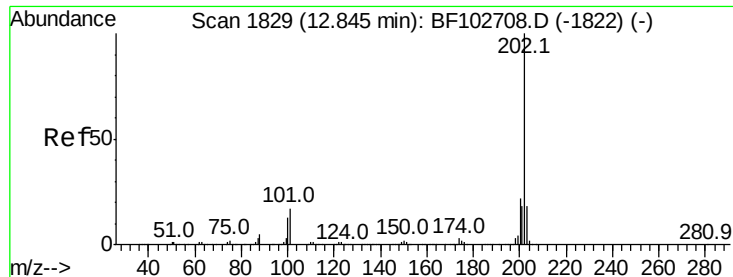


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

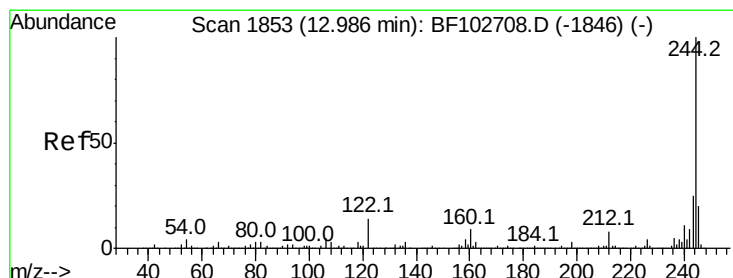
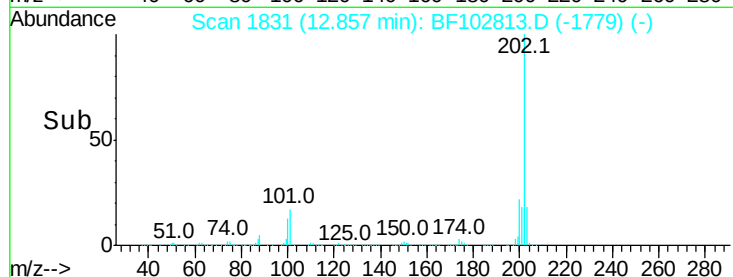
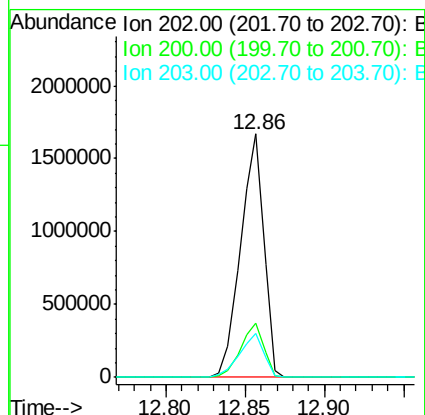
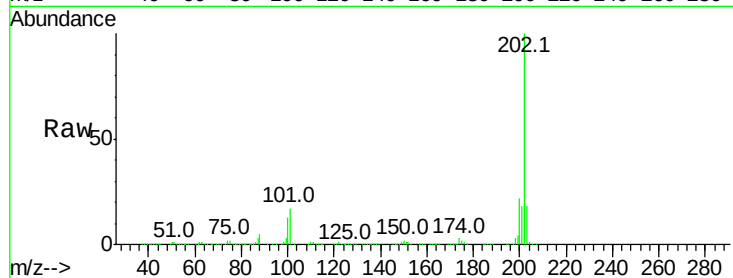




#77
Pvrene
Concen: 46.753 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

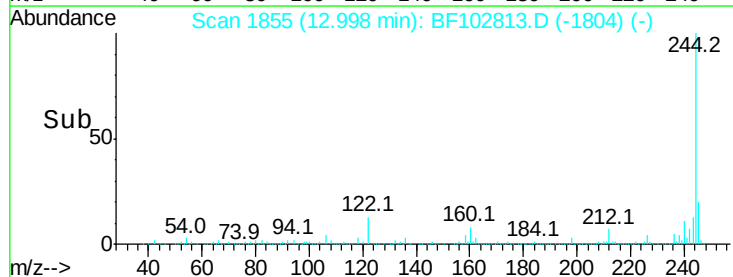
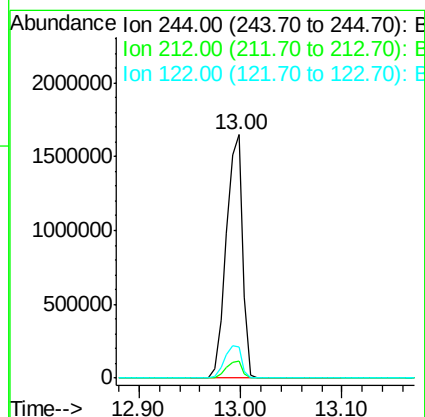
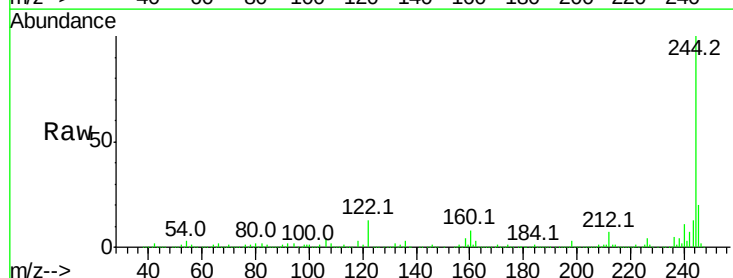
Instrument :
BNA_F
ClientSampleId :

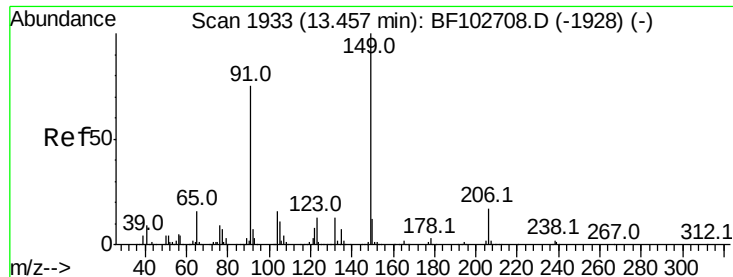
Tot Ion:202 Resp: 1693559
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 94.070 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:244 Resp: 1835270
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.0 11.0 16.4

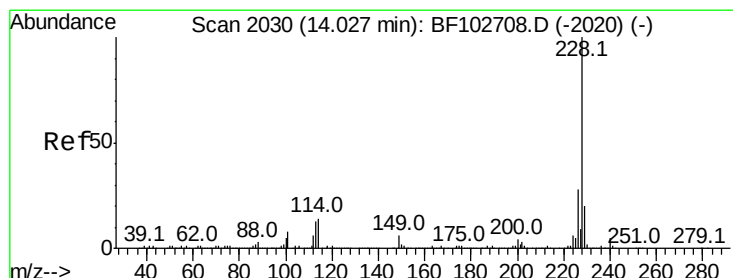
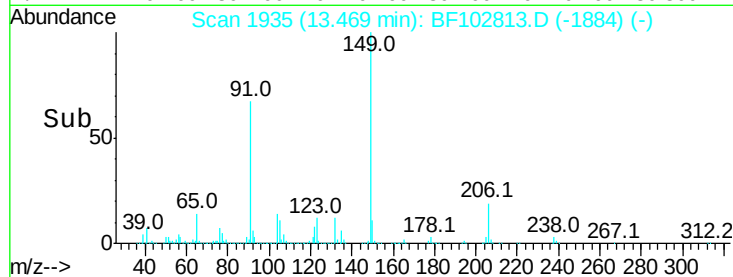
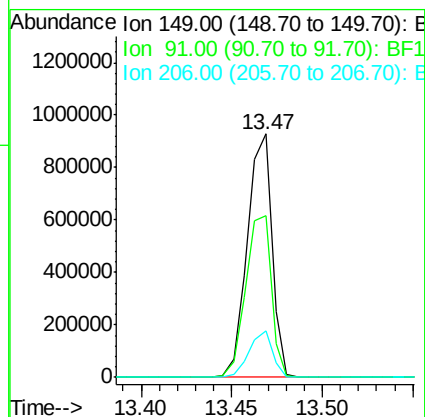
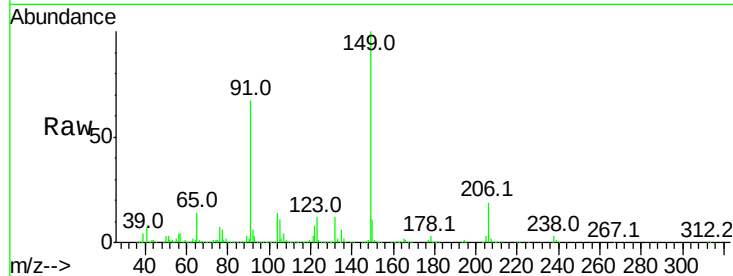




#79
Butylbenzylphthalate
Concen: 50.652 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

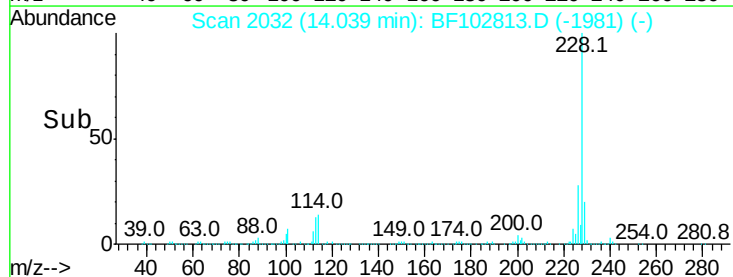
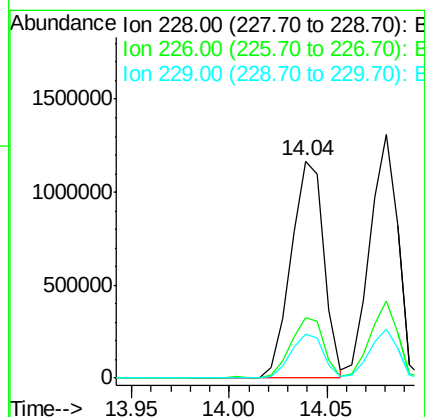
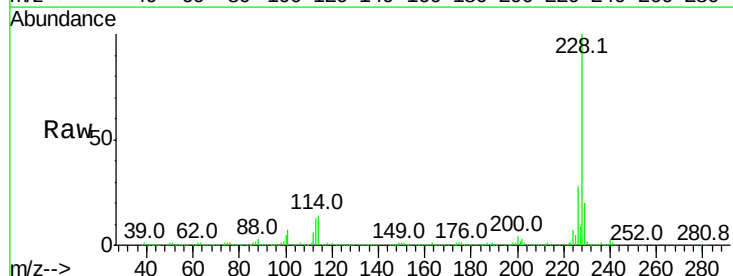
Instrument :
BNA_F
ClientSampleId :

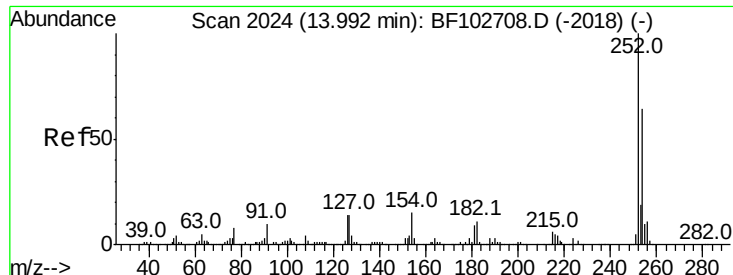
Tot Ion:149 Resp: 878656
Ion Ratio Lower Upper
149 100
91 66.6 56.8 85.2
206 19.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.842 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:228 Resp: 1360842
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.4 15.8 23.6

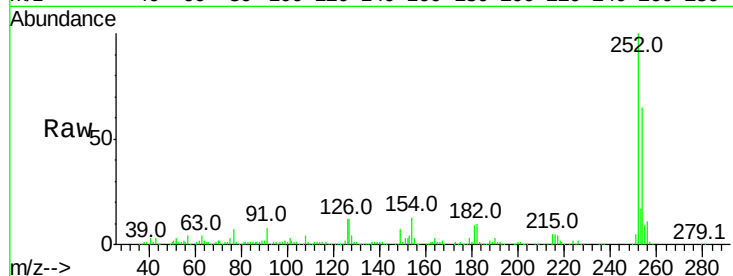




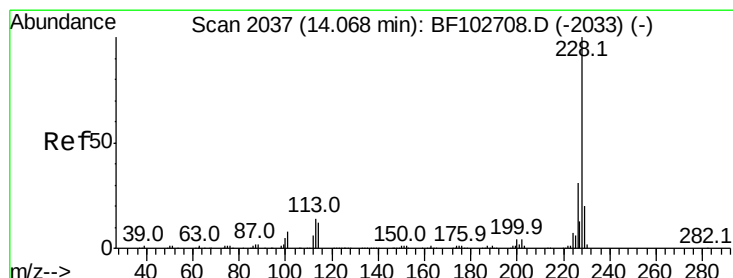
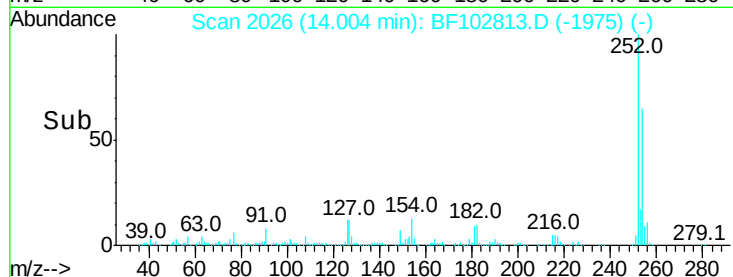
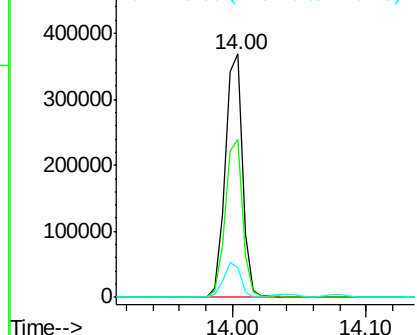
#81
 3,3'-Dichlorobenzidine
 Concen: 31.834 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 342904
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 12.2 11.3 16.9

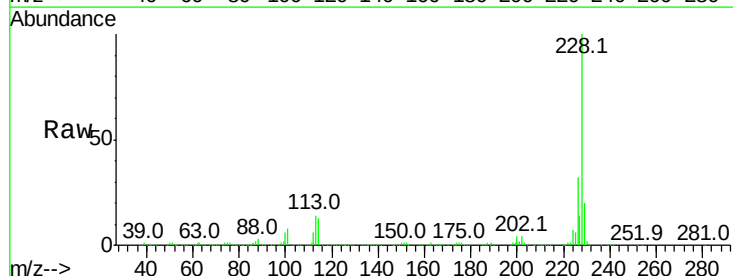


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

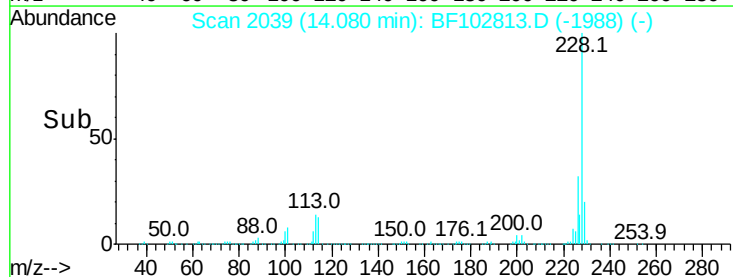
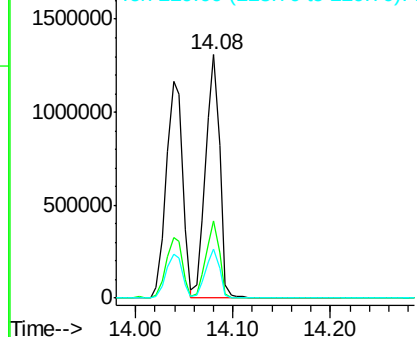


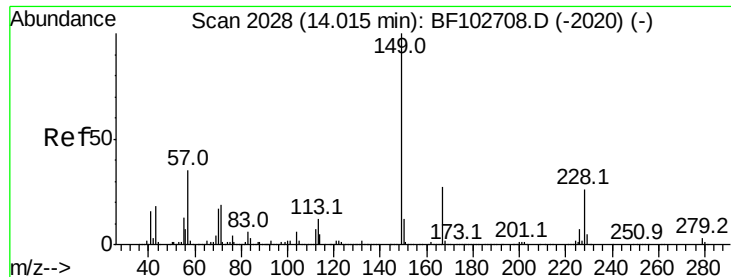
#82
 Chrysene
 Concen: 44.784 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:228 Resp: 1311538
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.0 37.6
 229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.822 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

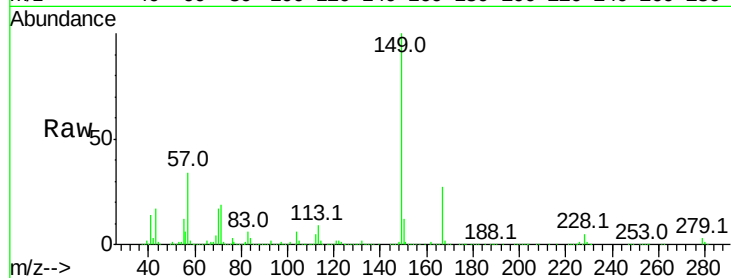
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1105550

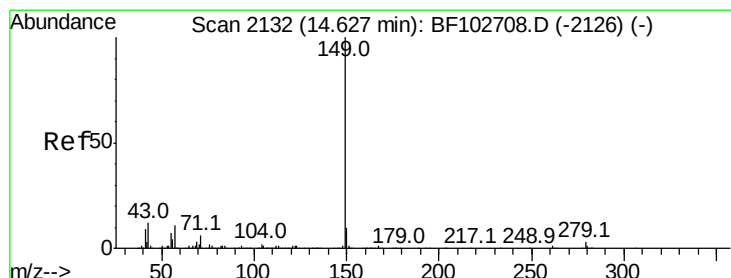
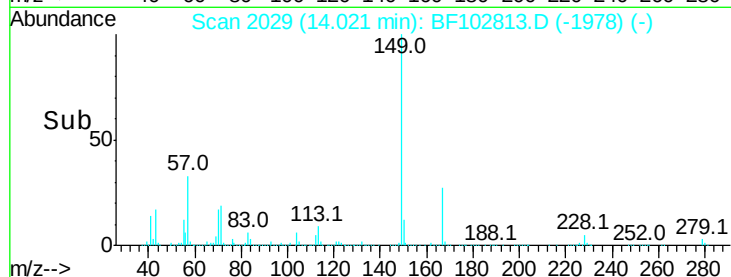
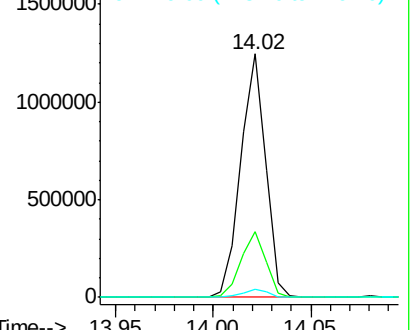
Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.2	3.0	4.4



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: 51.512 ng

RT: 14.64 min Scan# 2134

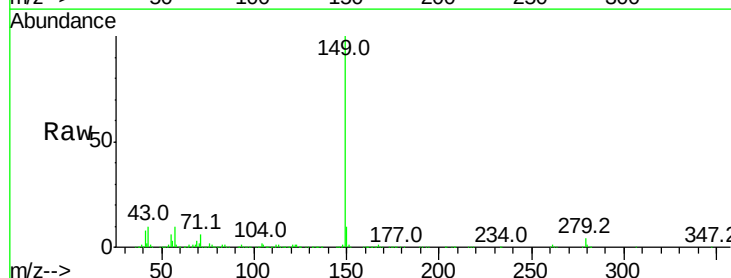
Delta R.T. 0.00 min

Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Tgt Ion:149 Resp: 1716339

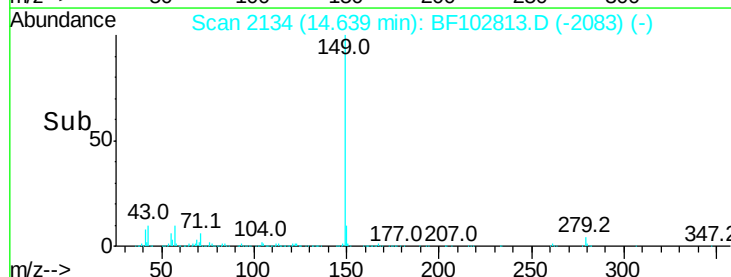
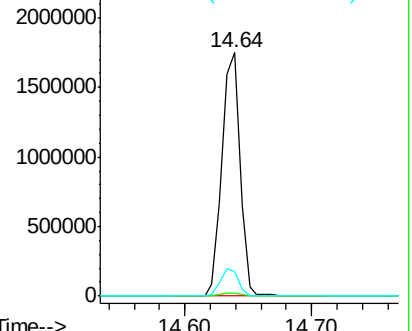
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	8.4	12.6

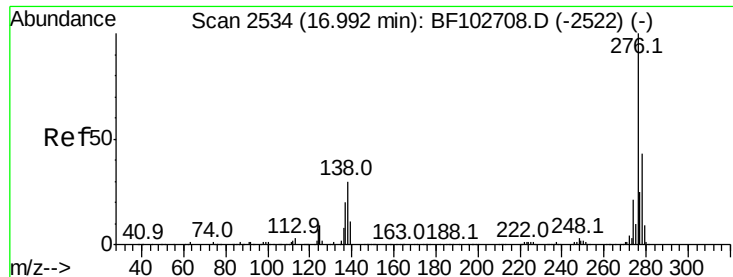


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



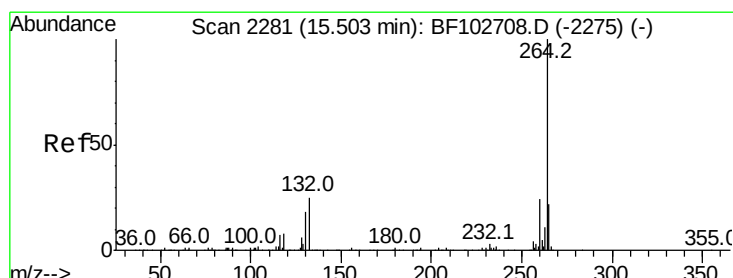
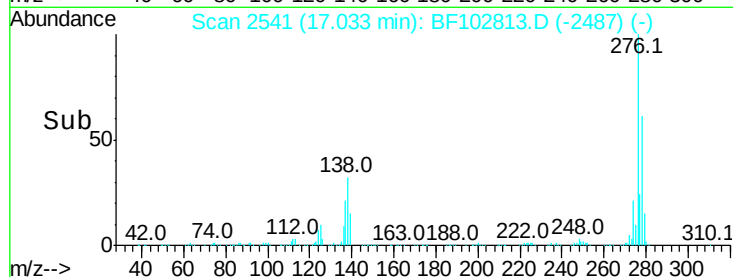
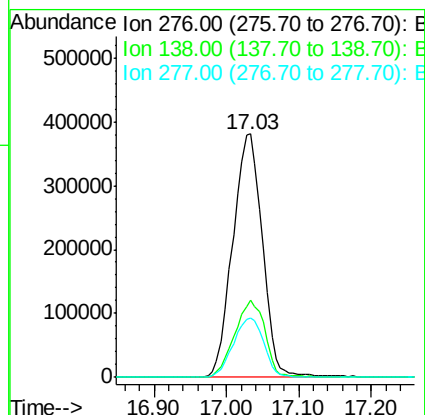
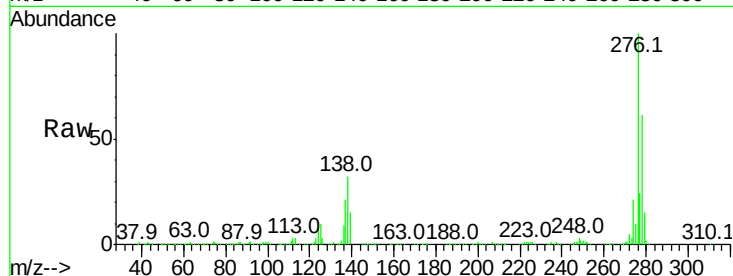


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.731 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. 0.02 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1086473

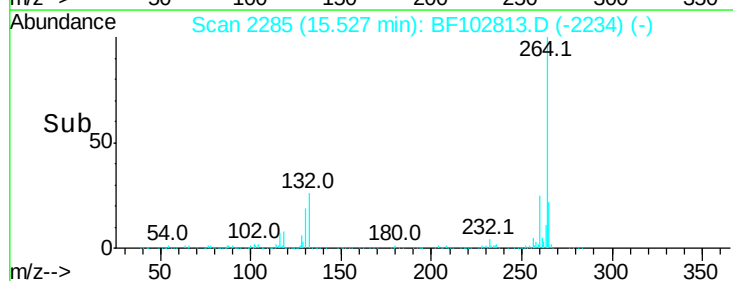
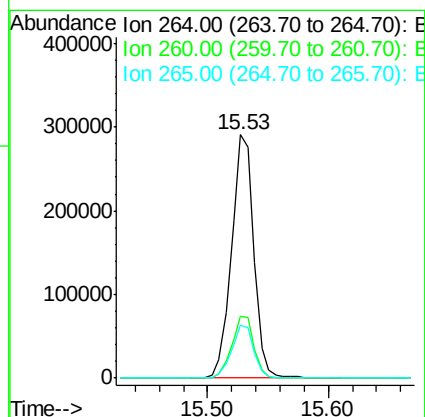
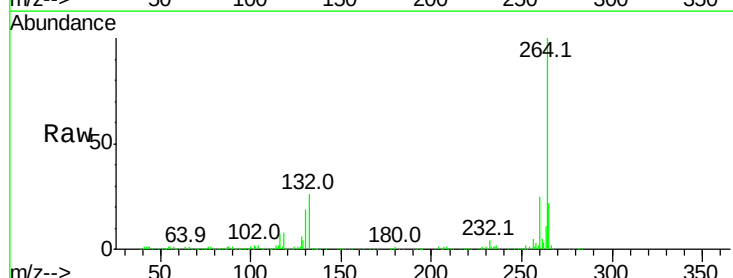
Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	25.0	20.1	30.1

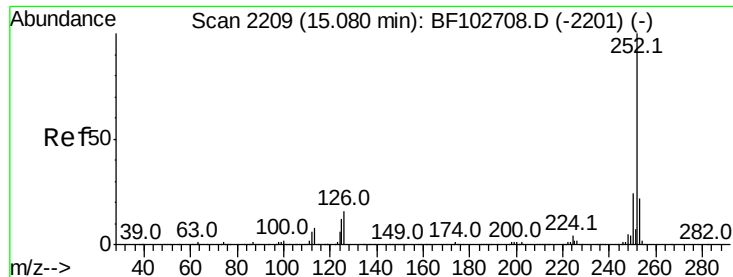


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF102813.D
 Acq: 7 Feb 2018 14:14

Tgt Ion:264 Resp: 374007

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.0	17.5	26.3

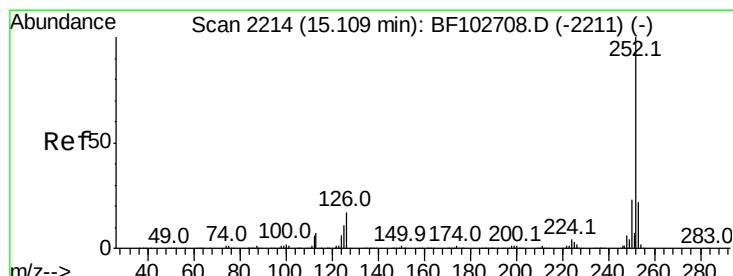
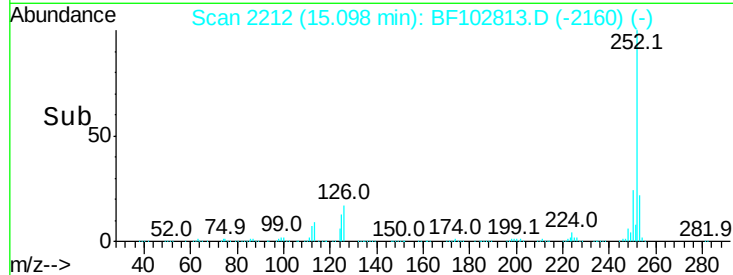
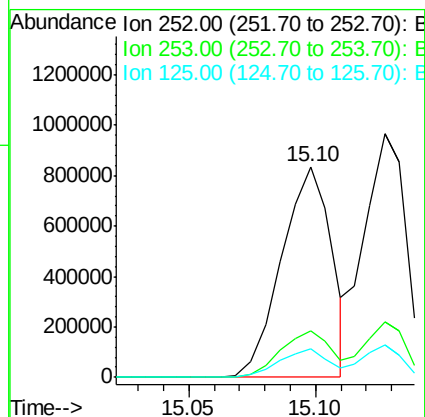
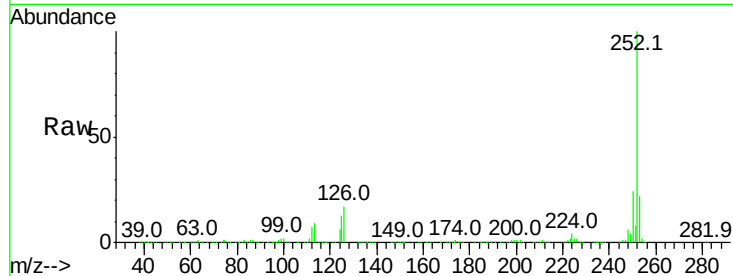




#87
Benzo(b)fluoranthene
Concen: 47.298 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

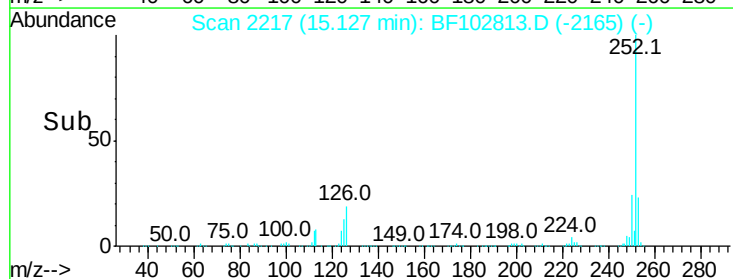
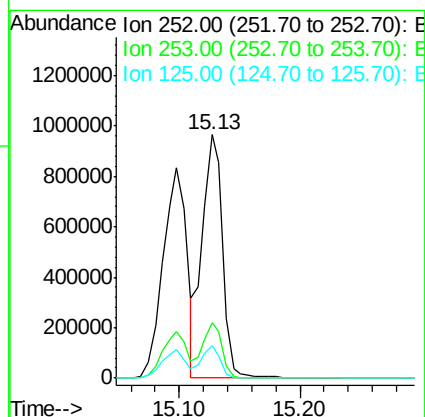
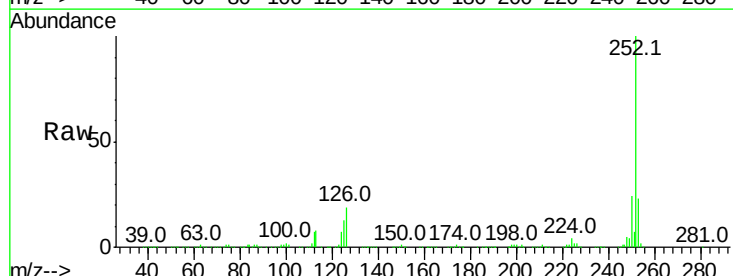
Instrument :
BNA_F
ClientSampleId :

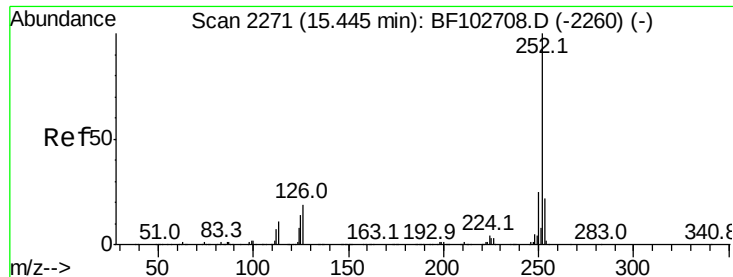
Tot Ion:252 Resp: 1146890
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 48.468 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:252 Resp: 1122949
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 13.3 10.2 15.2

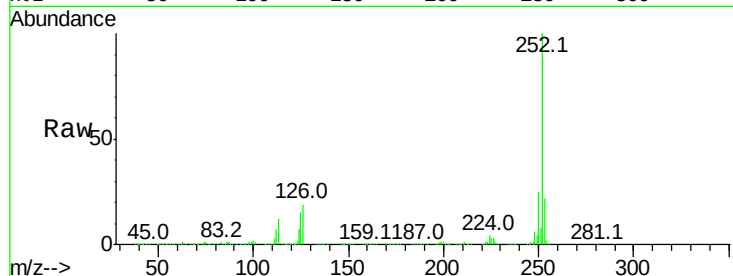




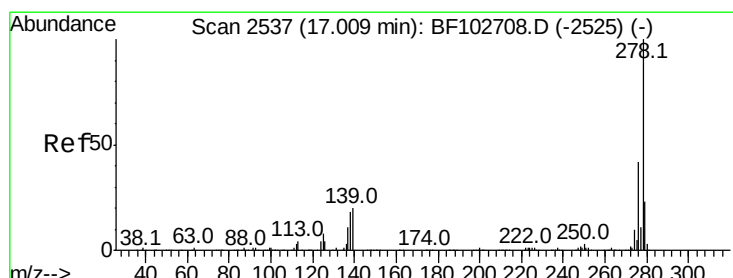
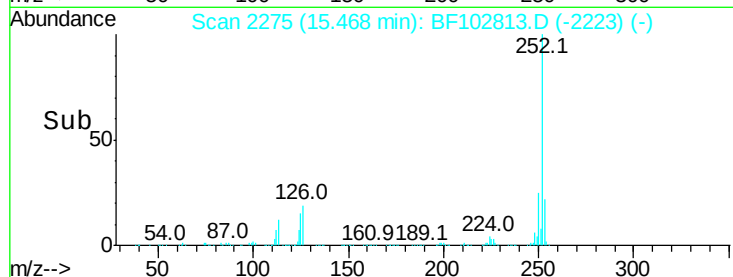
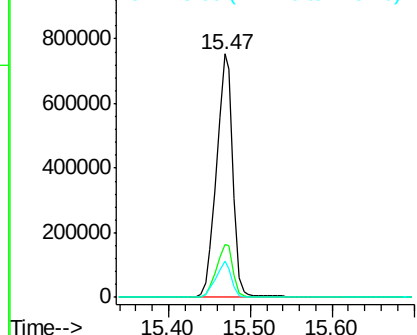
#89
Benzo(a)pyrene
Concen: 48.300 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1054212
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.7 9.8 14.6#

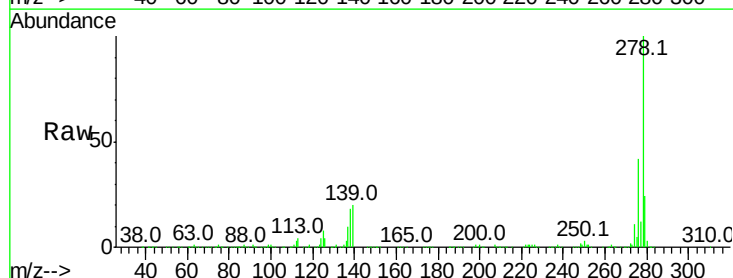


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

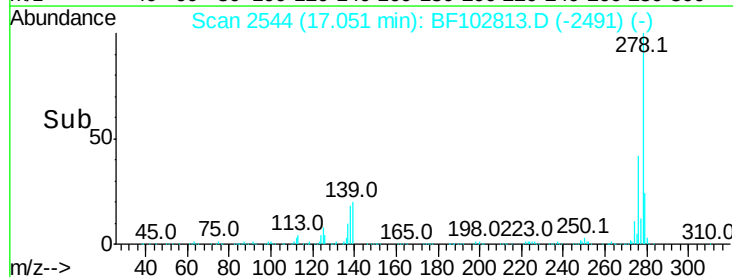
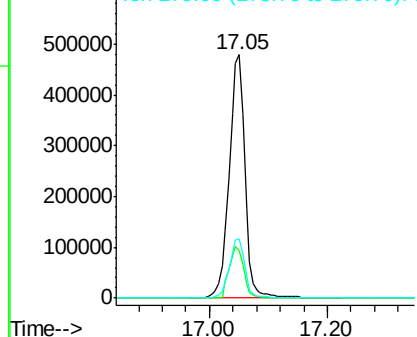


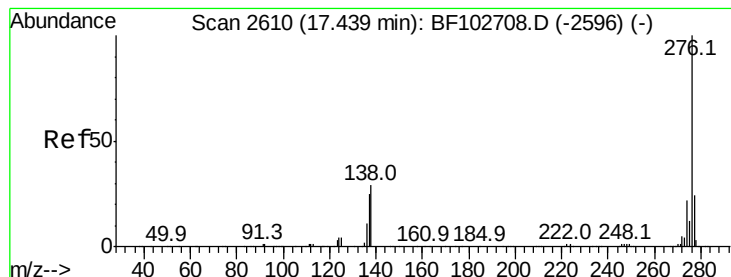
#90
Dibenzo(a,h)anthracene
Concen: 50.297 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF102813.D
Acq: 7 Feb 2018 14:14

Tgt Ion:278 Resp: 891052
Ion Ratio Lower Upper
278 100
139 19.6 15.9 23.9
279 24.2 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 54.167 ng

RT: 17.49 min Scan# 2618

Delta R.T. 0.01 min

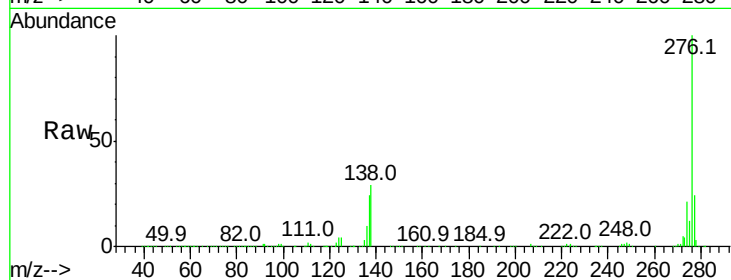
Lab File: BF102813.D

Acq: 7 Feb 2018 14:14

Instrument :

BNA_F

ClientSampleId :



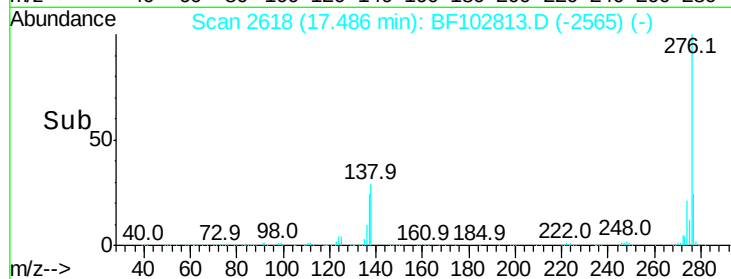
Tot Ion:276 Resp: 939257

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 28.9 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

