

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102715.D
 Acq On : 3 Feb 2018 14:26
 Operator : SJ/JU
 Sample : PB106243BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 01:23:01 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 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166461	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	707814	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	330136	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	593760	20.00	ng	0.00
75) Chrysene-d12	14.04	240	487027	20.00	ng	0.00
86) Perylene-d12	15.51	264	407013	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1401204	127.84	ng	0.01
7) Phenol-d6	6.50	99	1670006	126.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	1029203	100.87	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	374546	140.95	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1783988	89.67	ng	0.00
78) Terphenyl-d14	12.99	244	1720351	83.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	216695	40.026	ng	# 85
3) Pyridine	3.49	79	620480	41.482	ng	85
4) n-Nitrosodimethylamine	3.43	42	312316	48.801	ng	91
6) Aniline	6.54	93	384726	19.740	ng	96
8) 2-Chlorophenol	6.66	128	518545	45.952	ng	97
9) Benzaldehyde	6.43	77	208090	21.231	ng	96
10) Phenol	6.51	94	626575	44.300	ng	93
11) bis(2-Chloroethyl)ether	6.61	93	505894	42.984	ng	90
12) 1,3-Dichlorobenzene	6.82	146	534721	40.920	ng	98
13) 1,4-Dichlorobenzene	6.89	146	541153	41.572	ng	99
14) 1,2-Dichlorobenzene	7.05	146	499823	41.225	ng	98
15) Benzyl Alcohol	7.02	79	464702	45.798	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	966509	43.230	ng	96
17) 2-Methylphenol	7.12	107	453930	43.610	ng	99
18) Hexachloroethane	7.39	117	198308	44.426	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	359482	41.312	ng	90
20) 3+4-Methylphenols	7.27	107	543442	42.337	ng	# 86
22) Acetophenone	7.29	105	713471	41.191	ng	# 95
24) Nitrobenzene	7.46	77	552726	46.054	ng	99
25) Isophorone	7.70	82	1037565	44.161	ng	99
26) 2-Nitrophenol	7.77	139	261817	52.178	ng	99
27) 2,4-Dimethylphenol	7.80	122	505879	50.964	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	637239	45.785	ng	100
29) 2,4-Dichlorophenol	8.01	162	430925	47.756	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	424117	41.547	ng	98
31) Naphthalene	8.18	128	1458808	42.184	ng	99
32) Benzoic acid	7.92	122	332433	47.578	ng	99
33) 4-Chloroaniline	8.22	127	142555	9.569	ng	96
34) Hexachlorobutadiene	8.30	225	216975	41.480	ng	98
35) Caprolactam	8.59	113	87108	27.797	ng	# 70
36) 4-Chloro-3-methylphenol	8.70	107	484686	47.806	ng	98
37) 2-Methylnaphthalene	8.87	142	989832	43.718	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	355918	39.595	ng	98
40) Hexachlorocyclopentadiene	9.03	237	424378	99.312	ng	98

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

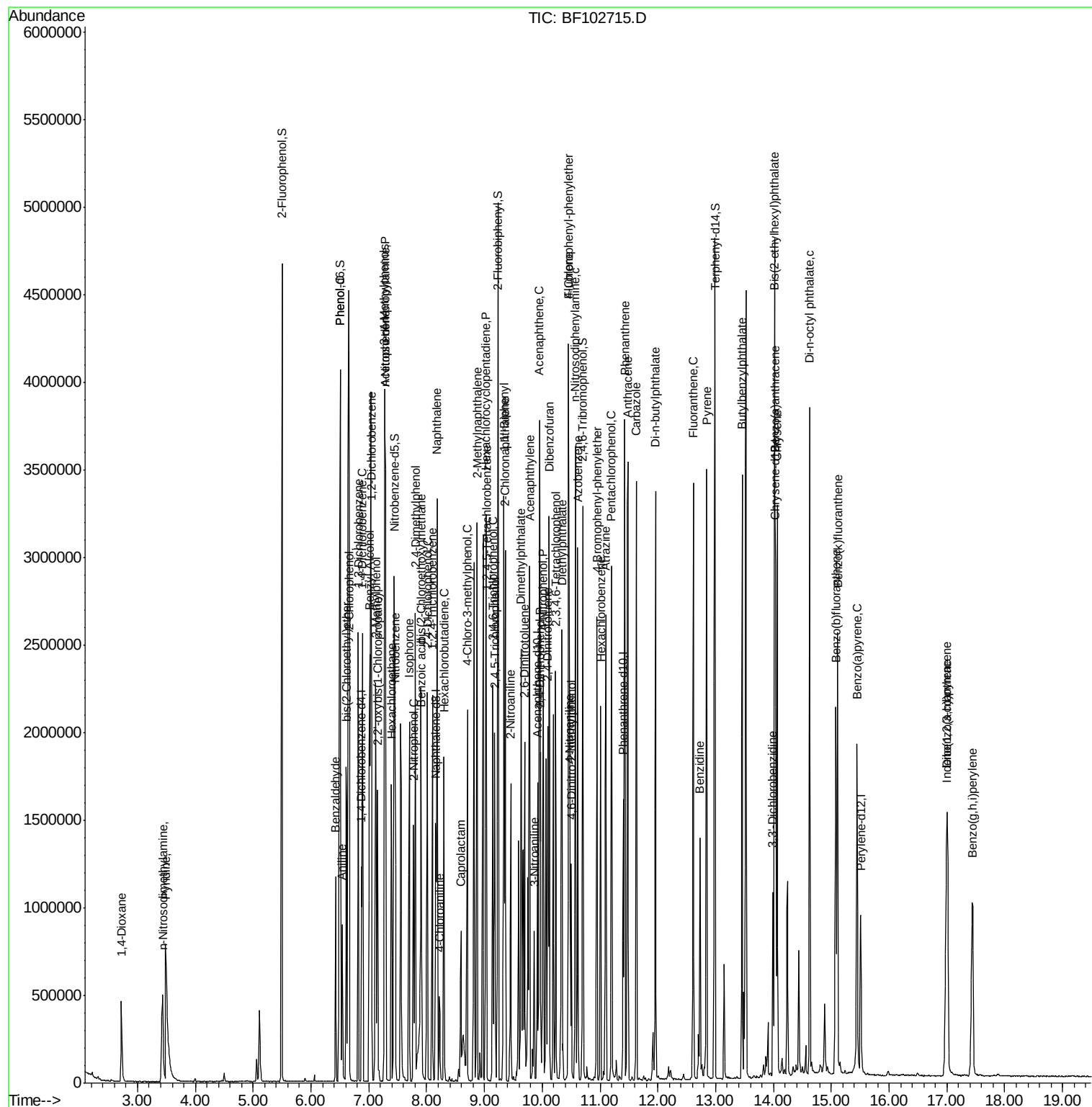
42) 2,4,6-Trichlorophenol	9.15	196	295586	50.063	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	295942	44.472	ng	98
45) 1,1'-Biphenyl	9.34	154	1141587	41.055	ng	99
46) 2-Chloronaphthalene	9.36	162	904609	41.323	ng	97
47) 2-Nitroaniline	9.45	65	318903	47.266	ng	85
48) Acenaphthylene	9.78	152	1394598	41.017	ng	99
49) Dimethylphthalate	9.63	163	1087181	42.235	ng	100
50) 2,6-Dinitrotoluene	9.70	165	241942	49.403	ng	98
51) Acenaphthene	9.95	154	913412	44.922	ng	99
52) 3-Nitroaniline	9.86	138	128535	21.330	ng	93
53) 2,4-Dinitrophenol	9.97	184	180466	96.004	ng	# 19
54) Dibenzofuran	10.12	168	1247019	43.518	ng	97
55) 4-Nitrophenol	10.02	139	467283	93.640	ng	94
56) 2,4-Dinitrotoluene	10.10	165	329056	49.965	ng	95
57) Fluorene	10.46	166	901621	43.245	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	235359	51.029	ng	97
59) Diethylphthalate	10.34	149	1108174	43.599	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	403257	43.723	ng	97
61) 4-Nitroaniline	10.48	138	275419	48.018	ng	95
62) Azobenzene	10.62	77	1097184	43.210	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	126368	50.283	ng	96
65) n-Nitrosodiphenylamine	10.57	169	868273	41.458	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	264369	42.091	ng	96
67) Hexachlorobenzene	11.01	284	281434	40.617	ng	94
68) Atrazine	11.10	200	271802	43.991	ng	98
69) Pentachlorophenol	11.20	266	320443	78.782	ng	99
70) Phenanthrene	11.43	178	1371829	41.484	ng	99
71) Anthracene	11.48	178	1421952	42.277	ng	100
72) Carbazole	11.63	167	1364296	41.404	ng	99
73) Di-n-butylphthalate	11.96	149	1782107	44.523	ng	99
74) Fluoranthene	12.62	202	1425732	42.852	ng	98
76) Benzidine	12.73	184	507167	22.658	ng	98
77) Pyrene	12.85	202	1464024	38.335	ng	99
79) Butylbenzylphthalate	13.46	149	783029	42.973	ng	99
80) Benzo(a)anthracene	14.03	228	1206984	39.406	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	189425	16.680	ng	99
82) Chrysene	14.07	228	1190903	38.570	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1023782	43.760	ng	99
84) Di-n-octyl phthalate	14.63	149	1773206	50.478	ng	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	1009404	39.418	ng	99
87) Benzo(b)fluoranthene	15.08	252	1143099	43.319	ng	100
88) Benzo(k)fluoranthene	15.11	252	1030426	40.868	ng	99
89) Benzo(a)pyrene	15.45	252	1016364	42.790	ng	98
90) Dibenzo(a,h)anthracene	17.01	278	834095	43.264	ng	99
91) Benzo(g,h,i)perylene	17.44	276	846799	44.875	ng	99

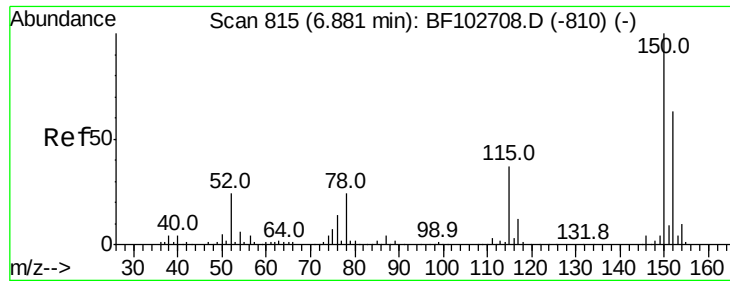
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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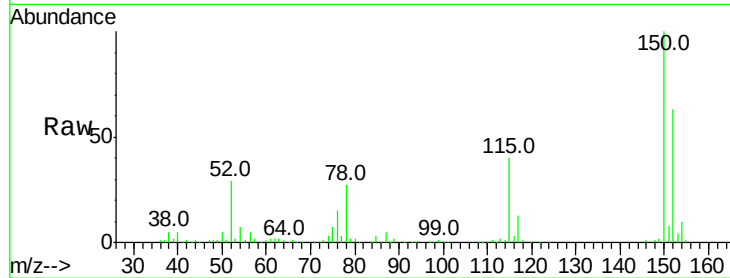


#1

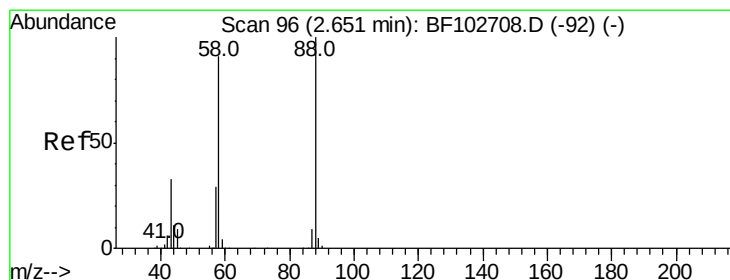
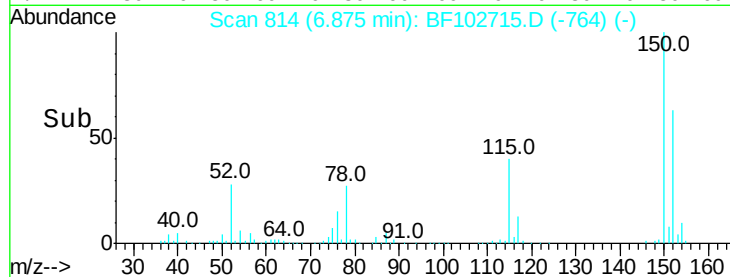
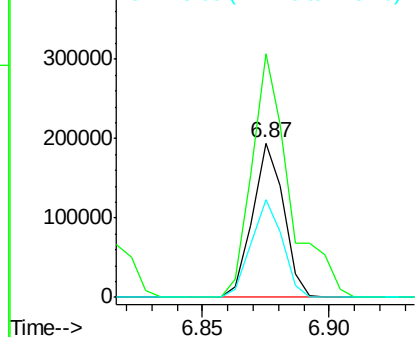
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166461
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 63.4 50.1 75.1



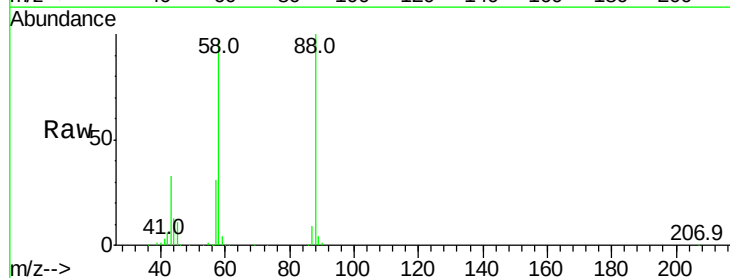
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



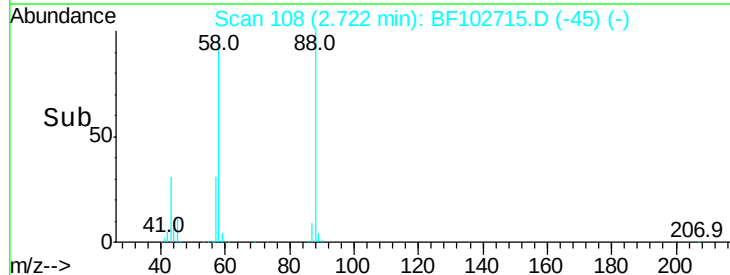
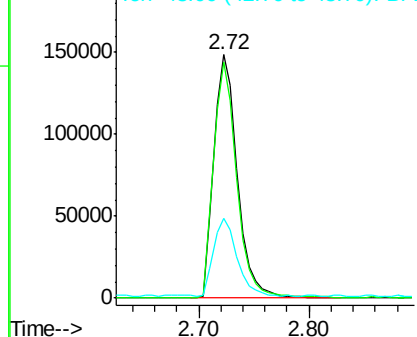
#2

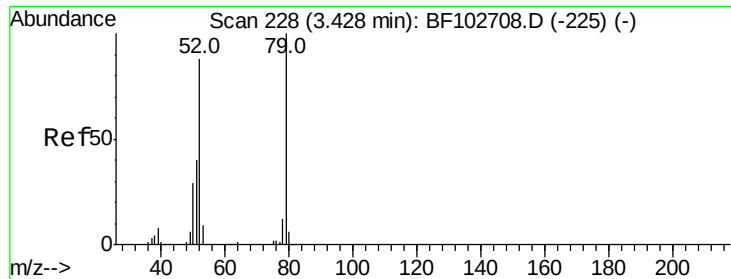
1,4-Dioxane
Concen: 40.026 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.07 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion: 88 Resp: 216695
Ion Ratio Lower Upper
88 100
58 95.2 62.6 93.8#
43 32.3 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

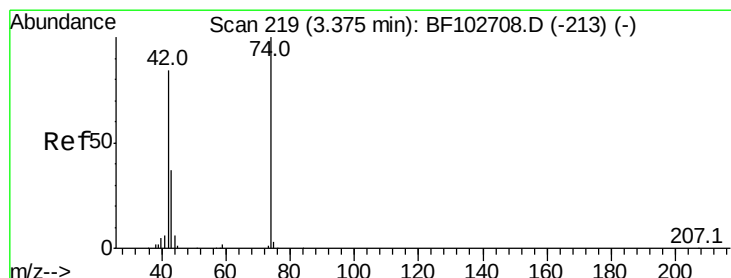
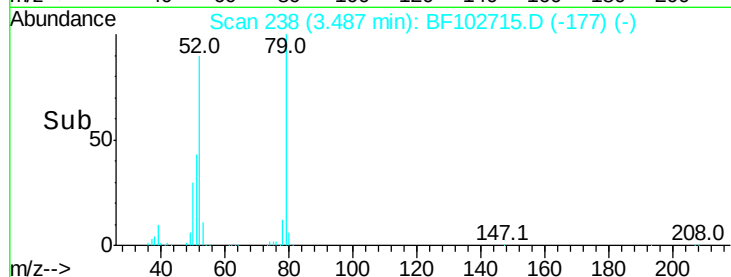
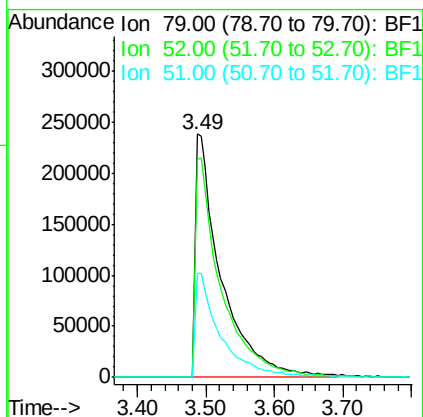
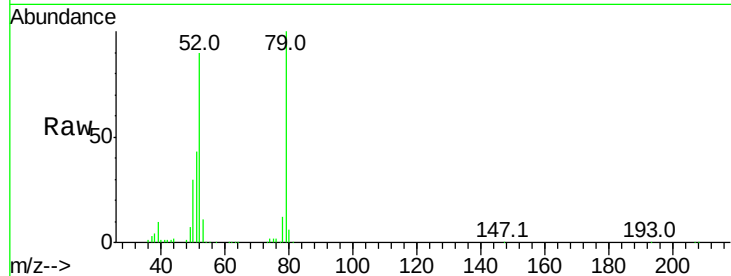




#3
 Pvridine
 Concen: 41.482 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.06 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

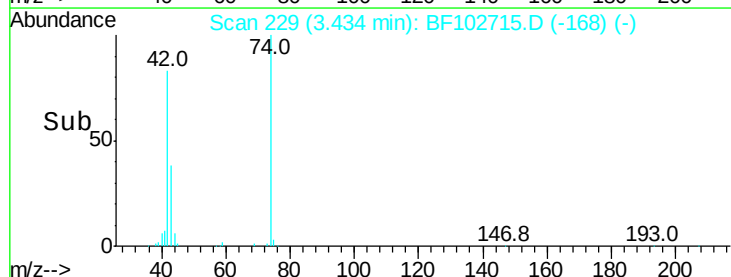
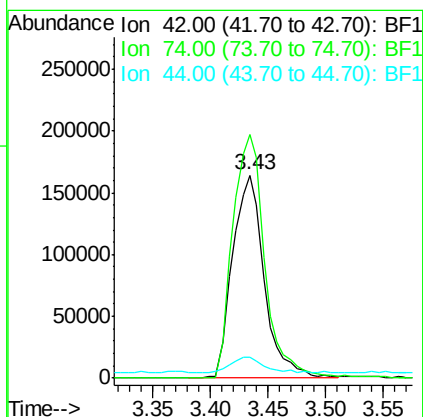
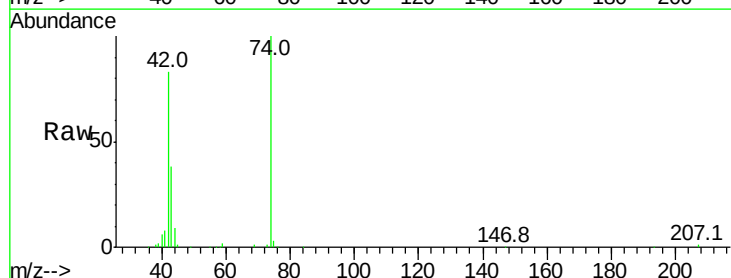
Instrument :
 BNA_F
 ClientSampleId :

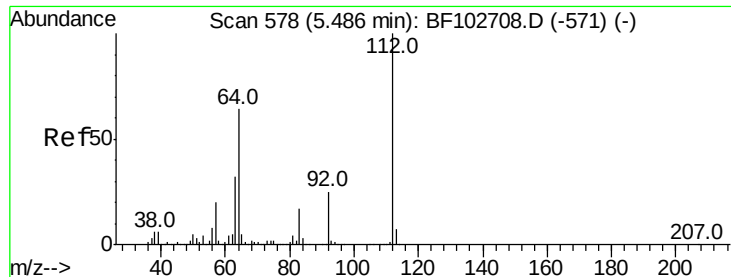
Tot Ion: 79 Resp: 620480
 Ion Ratio Lower Upper
 79 100
 52 89.5 59.8 89.6
 51 42.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 48.801 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.06 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion: 42 Resp: 312316
 Ion Ratio Lower Upper
 42 100
 74 119.8 104.9 157.3
 44 10.2 6.9 10.3





#5

2-Fluorophenol

Concen: 127.835 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

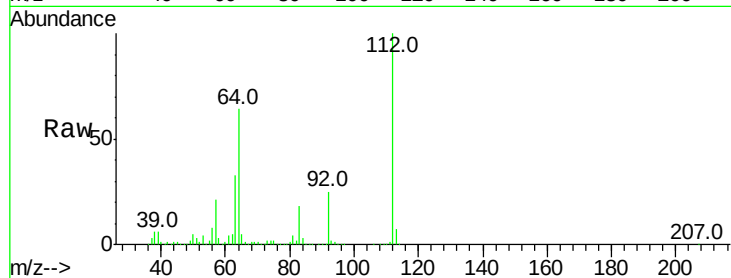
Tot Ion:112 Resp: 1401204

Ion Ratio Lower Upper

112 100

64 64.3 47.9 71.9

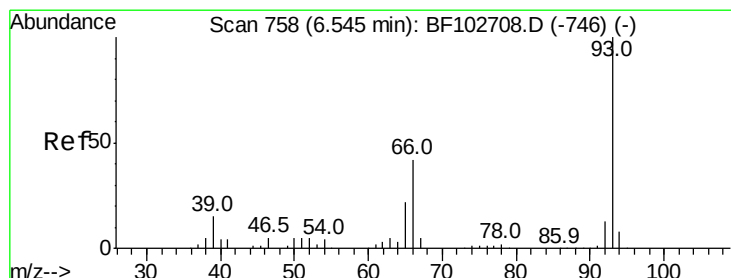
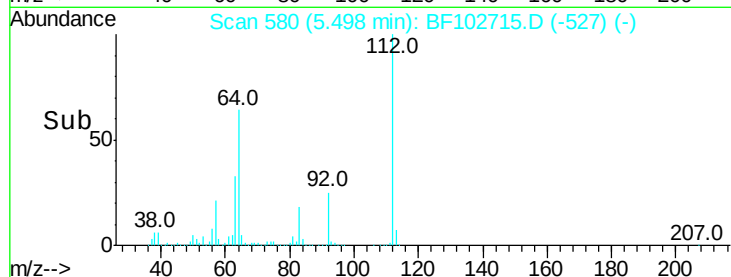
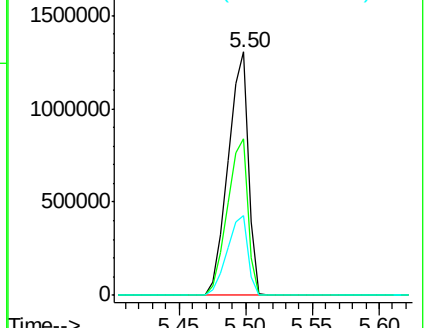
63 33.0 23.7 35.5



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: 19.740 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

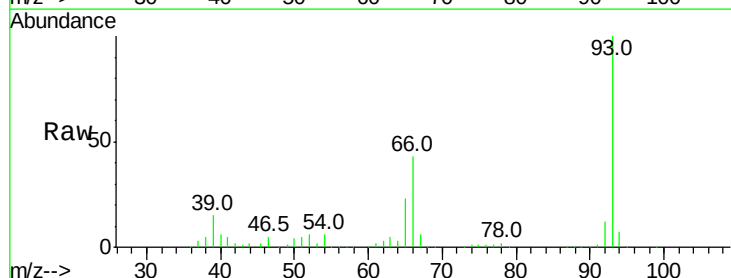
Tgt Ion: 93 Resp: 384726

Ion Ratio Lower Upper

93 100

66 42.8 32.2 48.2

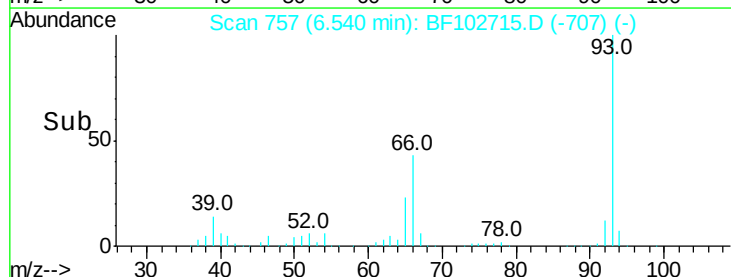
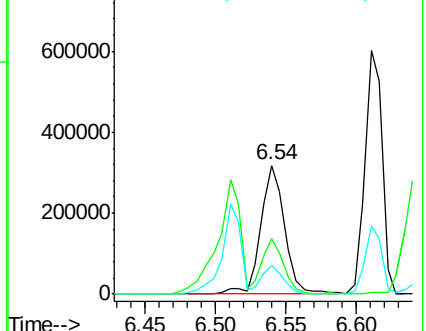
65 22.5 16.4 24.6

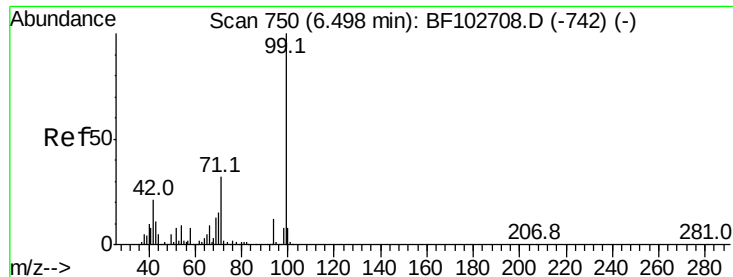


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.537 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

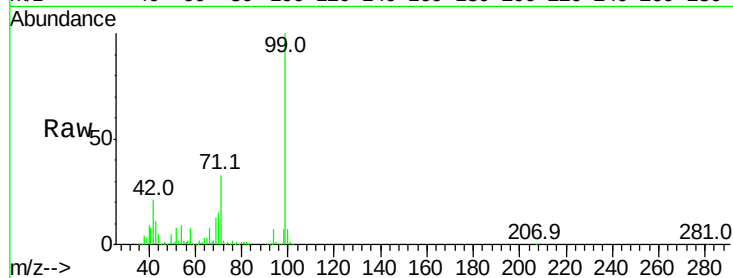
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1670006

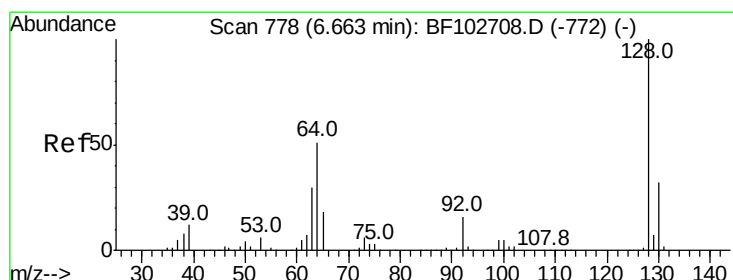
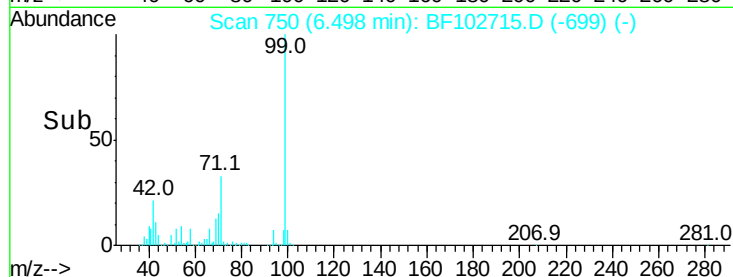
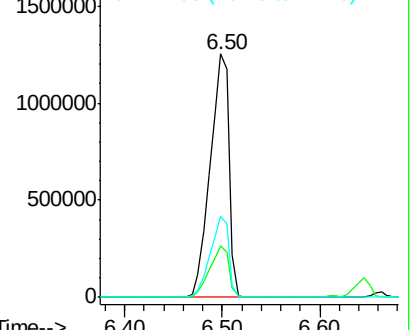
Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	33.3	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.952 ng

RT: 6.66 min Scan# 778

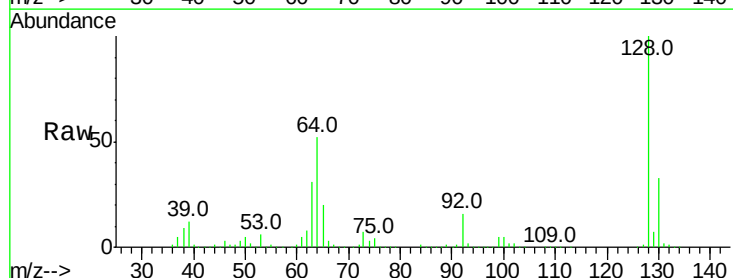
Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion: 128 Resp: 518545

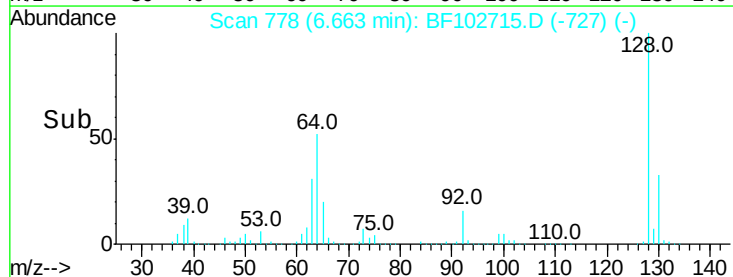
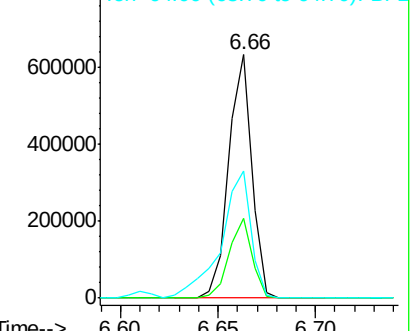
Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	52.2	29.4	69.4

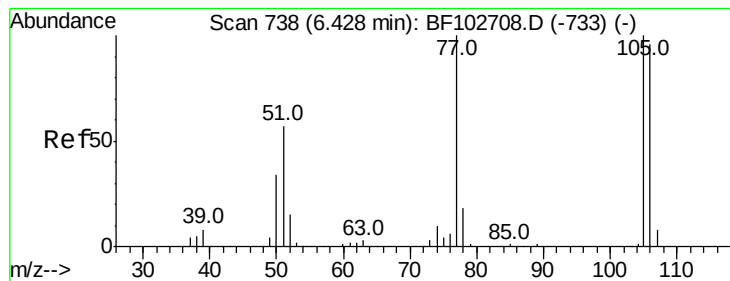


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.231 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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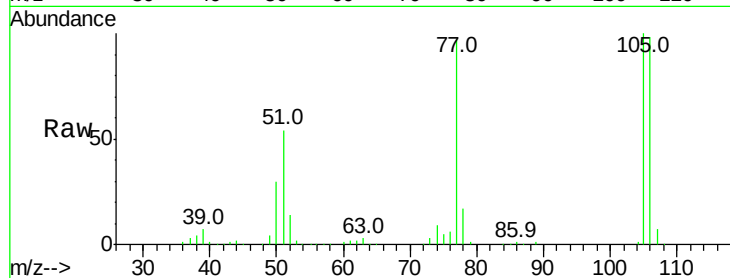
Tot Ion: 77 Resp: 208090

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

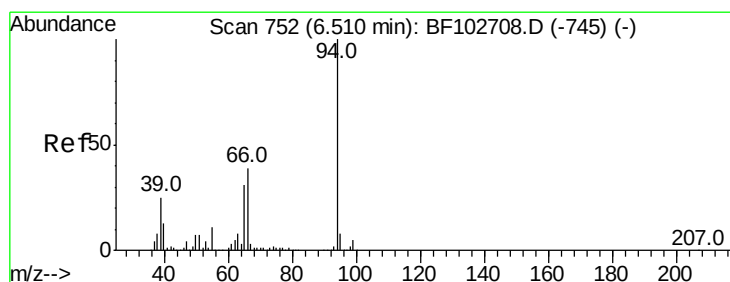
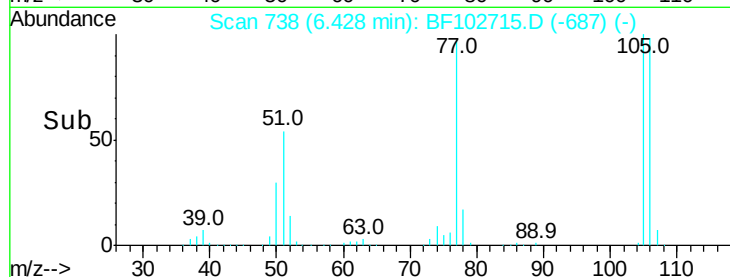
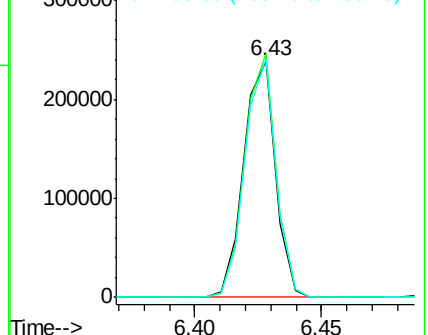
106 100.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.300 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

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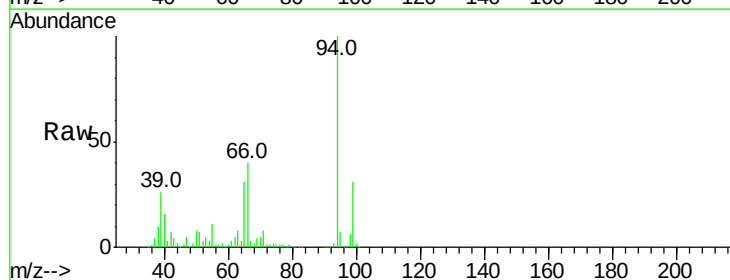
Tgt Ion: 94 Resp: 626575

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

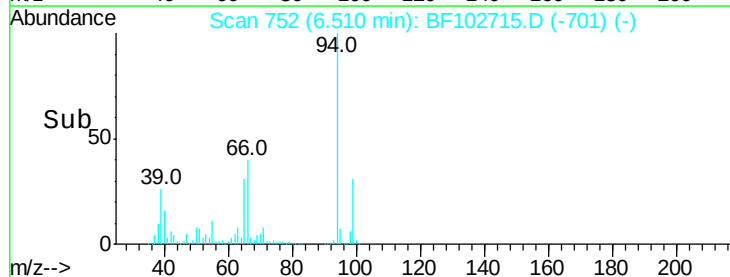
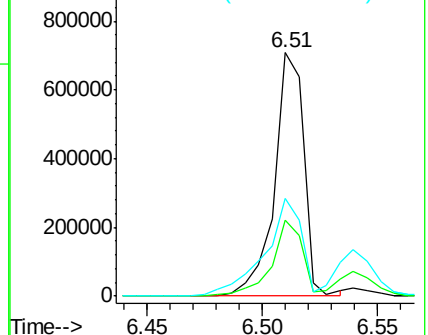
66 40.1 16.2 56.2

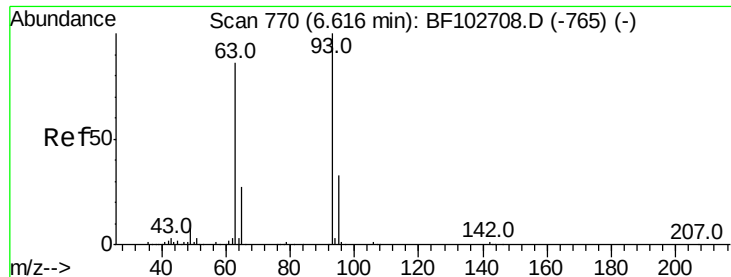


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.984 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

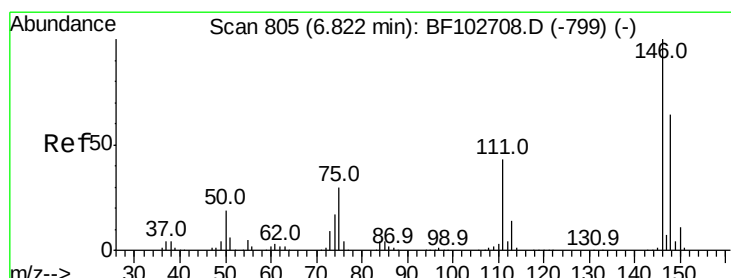
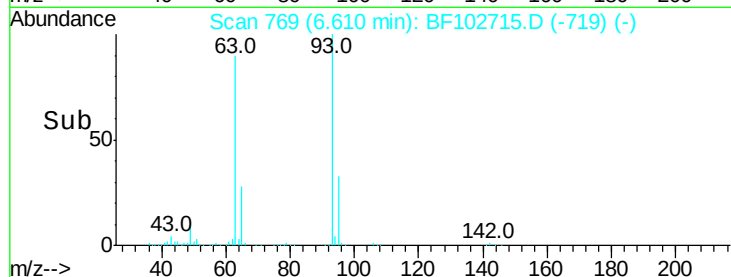
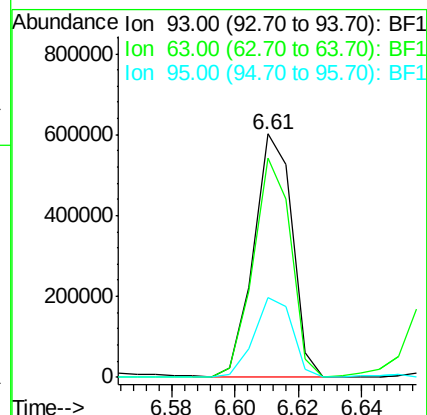
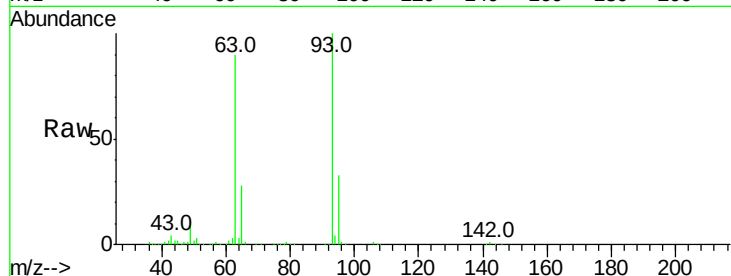
Tot Ion: 93 Resp: 505894

Ion Ratio Lower Upper

93 100

63 89.9 58.6 98.6

95 33.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.920 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

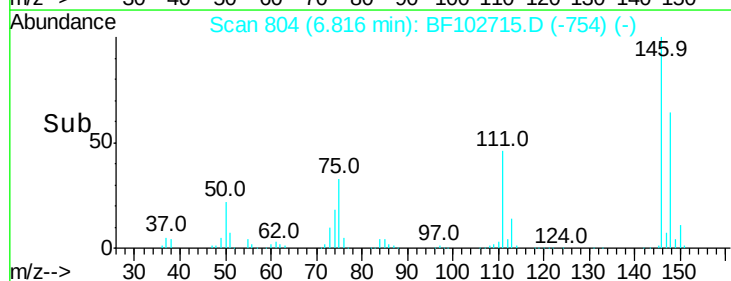
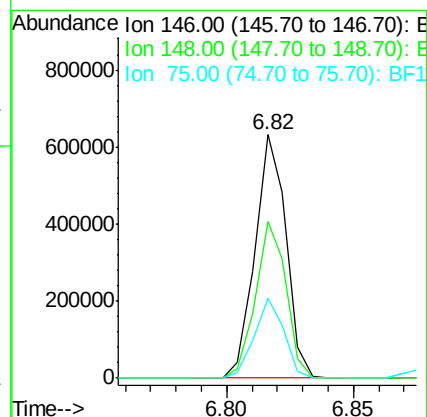
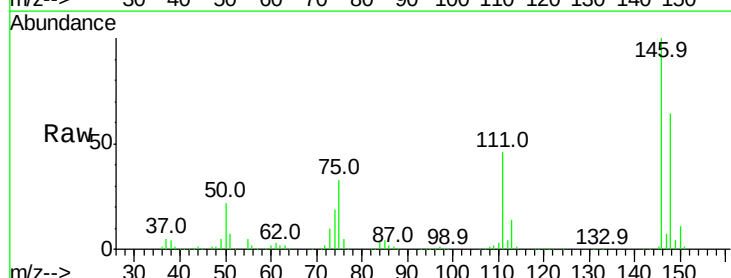
Tgt Ion: 146 Resp: 534721

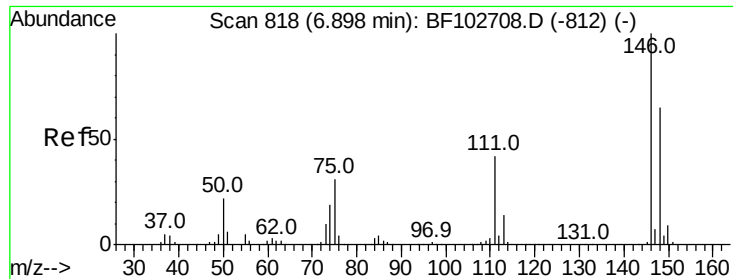
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

75 32.6 24.2 36.4

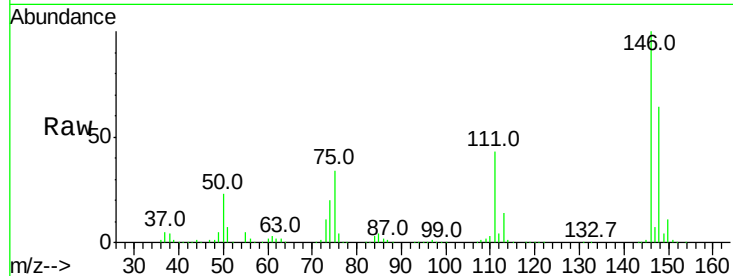




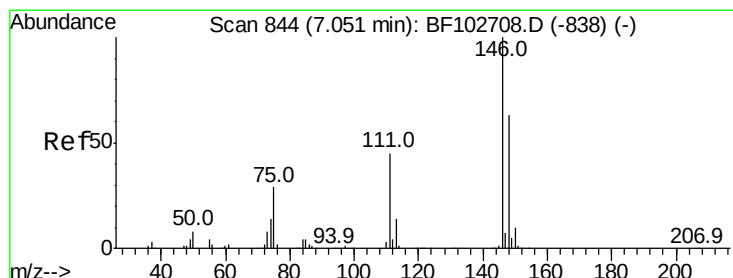
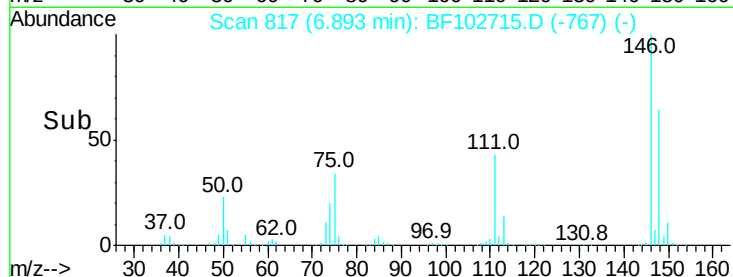
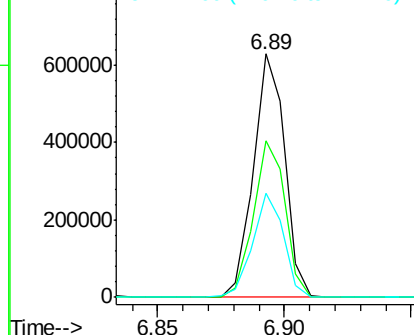
#13
 1,4-Dichlorobenzene
 Concen: 41.572 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 541153
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 42.8 34.2 51.2

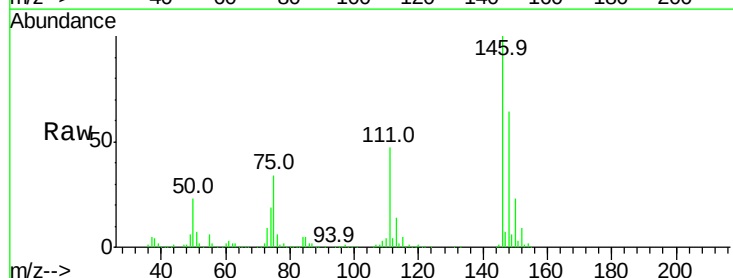


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

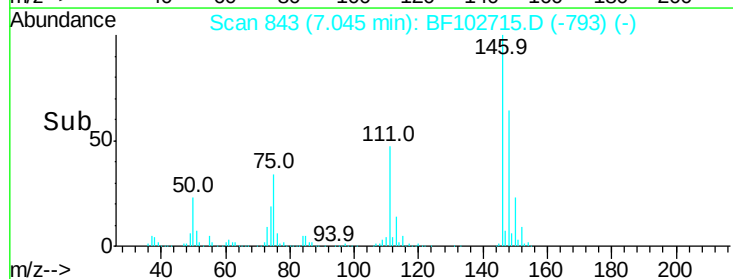
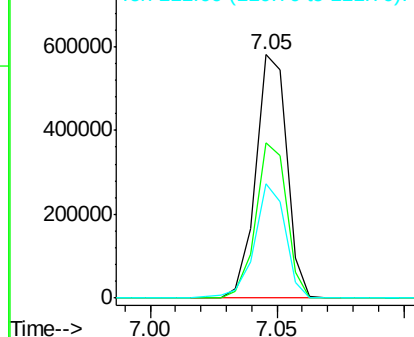


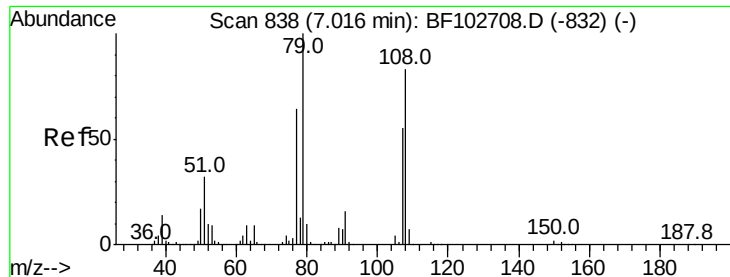
#14
 1,2-Dichlorobenzene
 Concen: 41.225 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion:146 Resp: 499823
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 46.8 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: 45.798 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

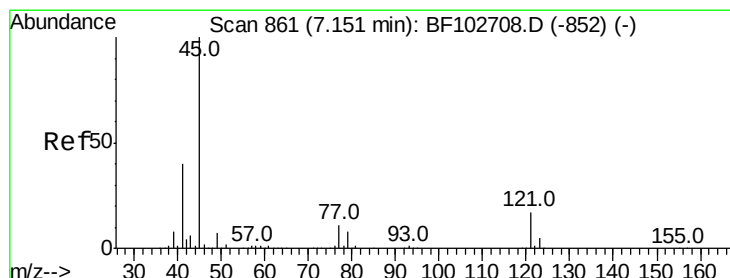
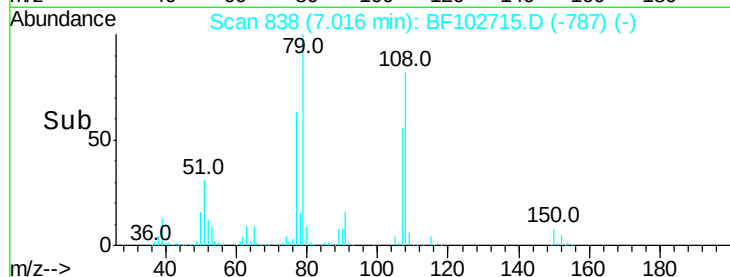
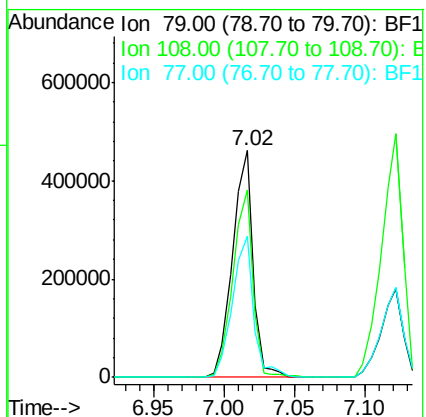
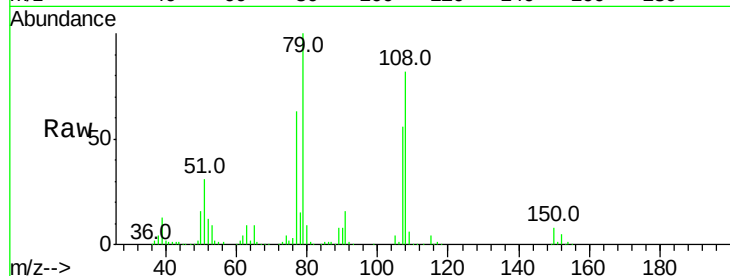
Tot Ion: 79 Resp: 464702

Ion Ratio Lower Upper

79 100

108 82.5 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.230 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

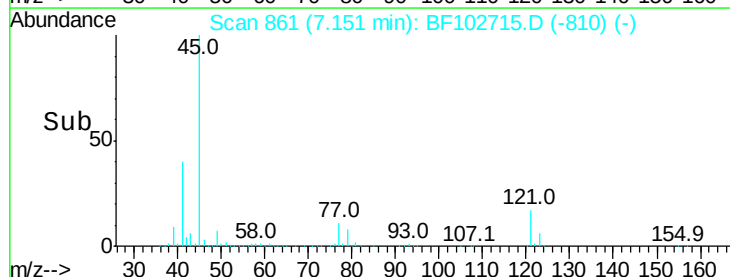
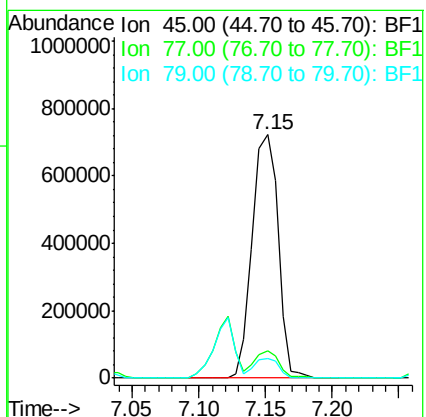
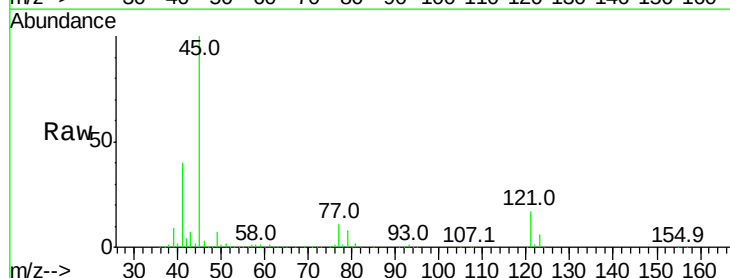
Tgt Ion: 45 Resp: 966509

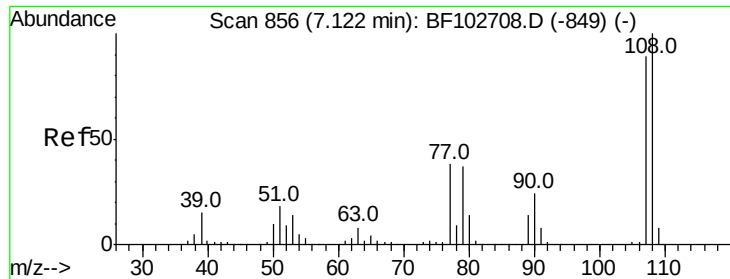
Ion Ratio Lower Upper

45 100

77 11.1 0.0 32.9

79 8.2 0.0 29.6

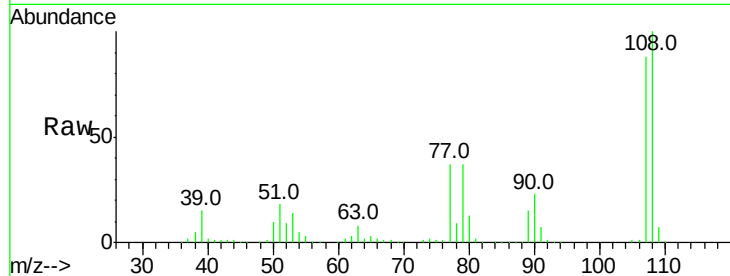




#17
2-Methylphenol
Concen: 43.610 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	42.1	33.8	50.8
79	41.6	33.8	50.8



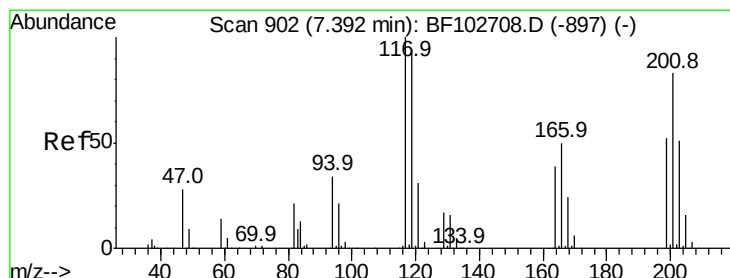
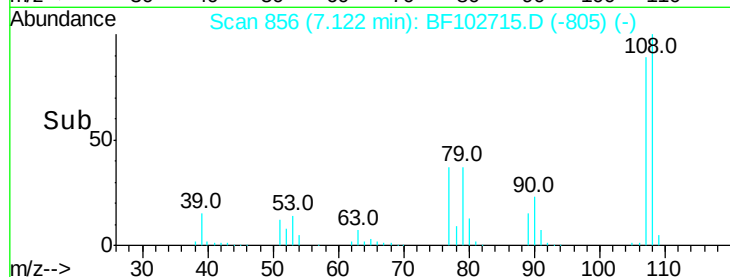
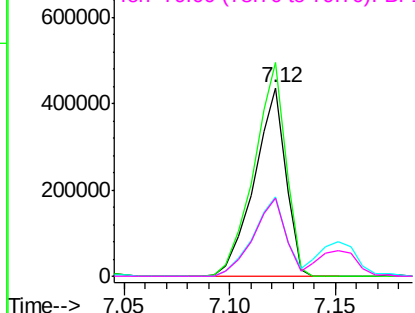
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

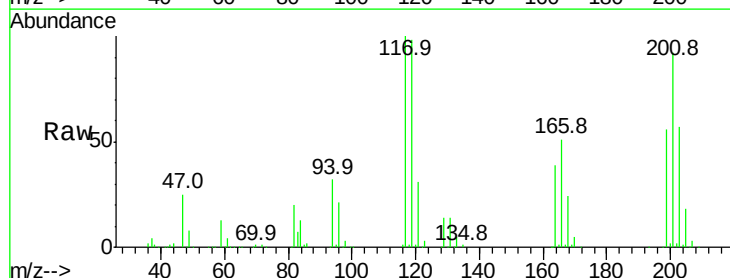
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.426 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.8	113.8
201	91.6	75.7	113.5

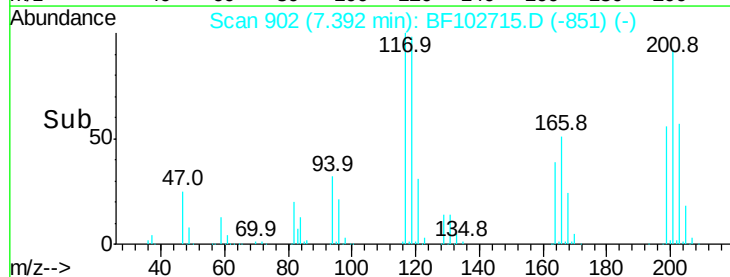
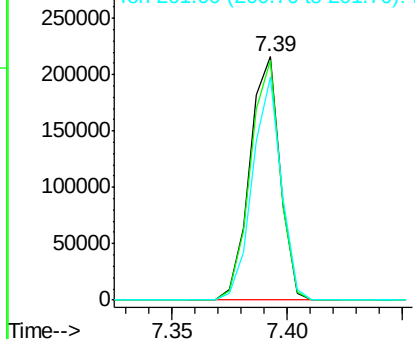


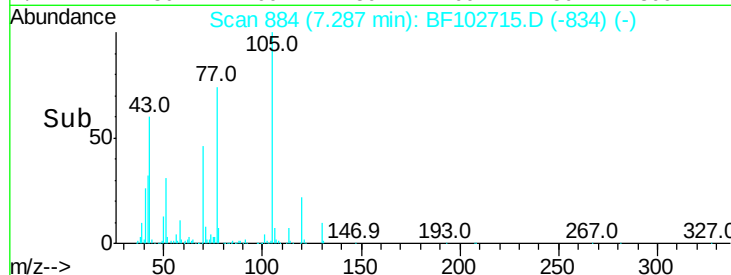
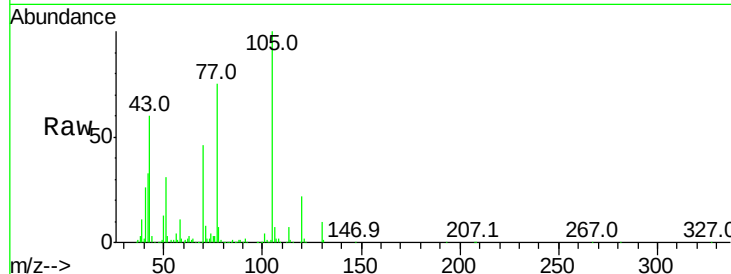
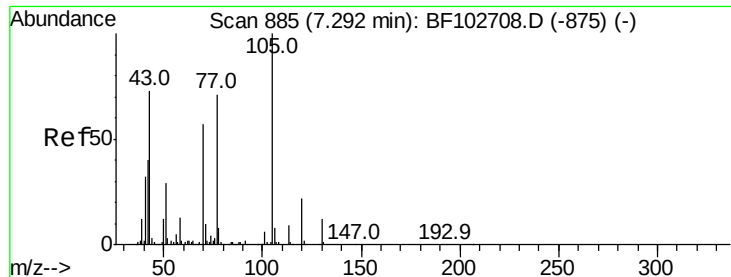
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

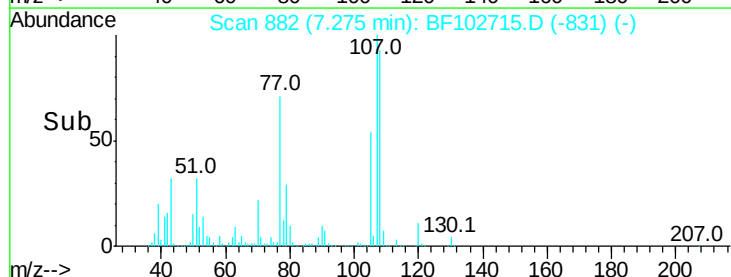
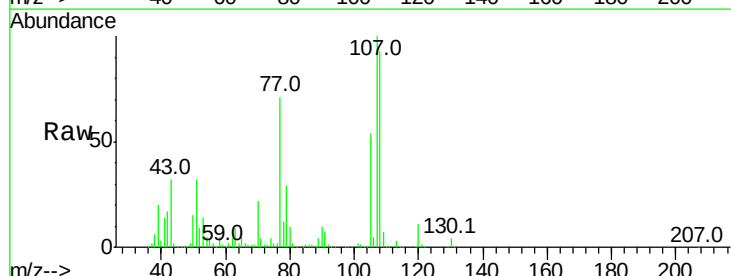
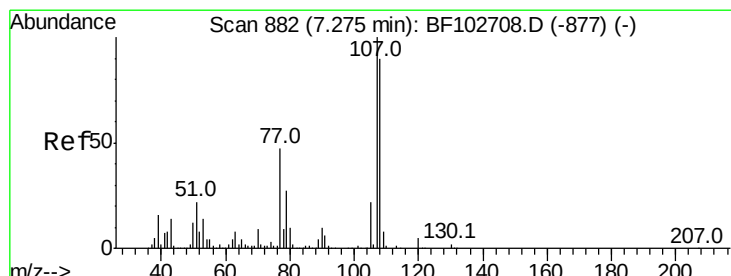
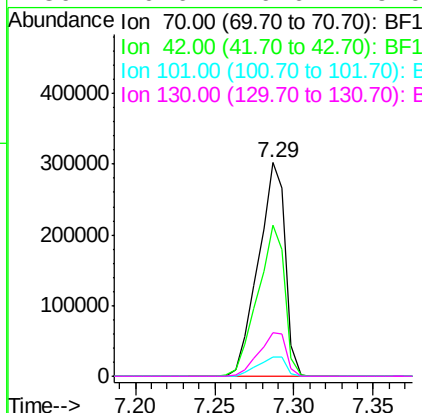




#19
n-Nitroso-di-n-propylamine
Concen: 41.312 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

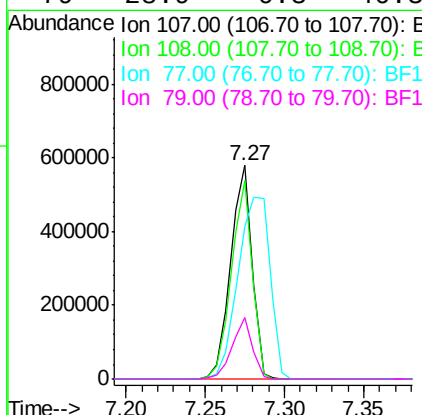
Instrument :
BNA_F
ClientSampleId :

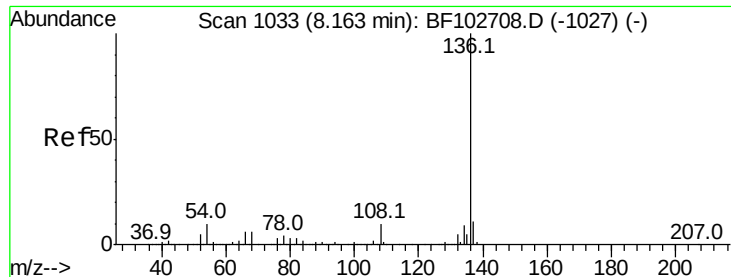
Tot Ion:	70	Resp:	359482
Ion	Ratio	Lower	Upper
70	100		
42	70.6	47.5	71.3
101	8.9	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.337 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion:	107	Resp:	543442
Ion	Ratio	Lower	Upper
107	100		
108	93.0	68.2	108.2
77	71.1	26.7	66.7#
79	28.9	6.3	46.3

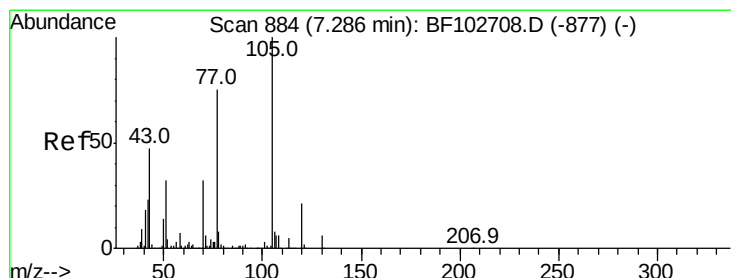
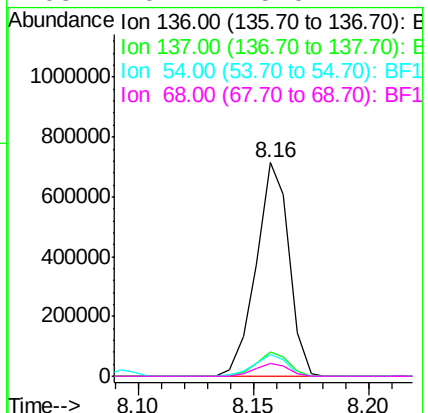
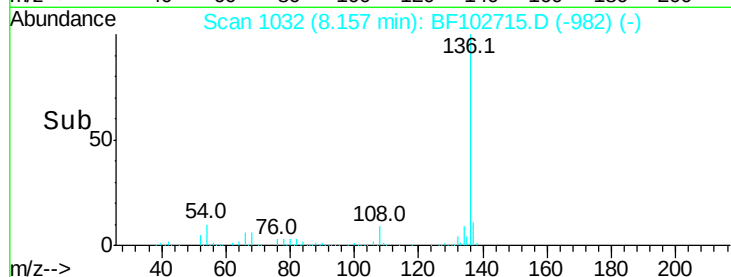
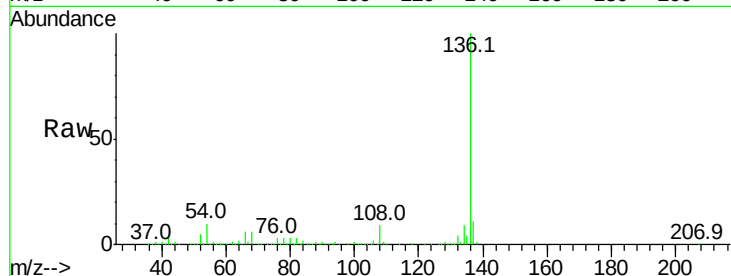




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

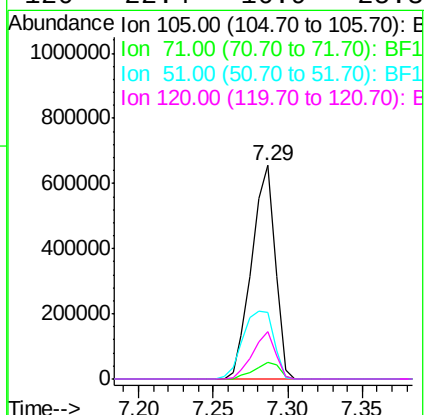
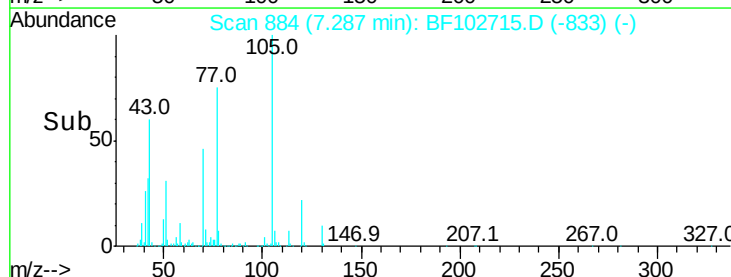
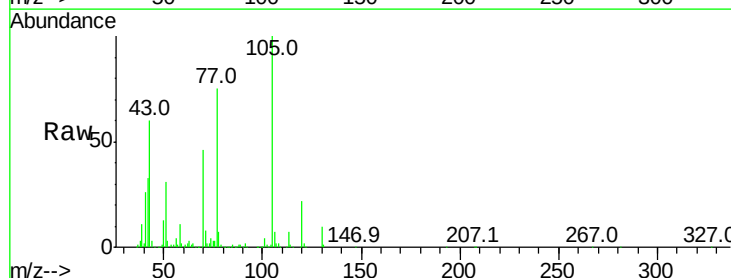
Instrument :
BNA_F
ClientSampleId :

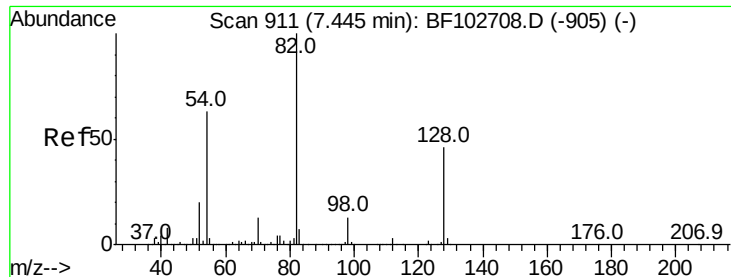
Tot Ion:	136	Resp:	707814
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.4	6.6	9.8#
68	6.1	5.0	7.4



#22
Acetophenone
Concen: 41.191 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion:	105	Resp:	713471
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	31.4	22.3	33.5
120	22.4	16.9	25.3

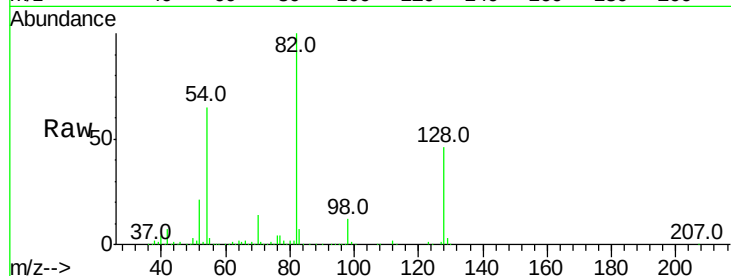




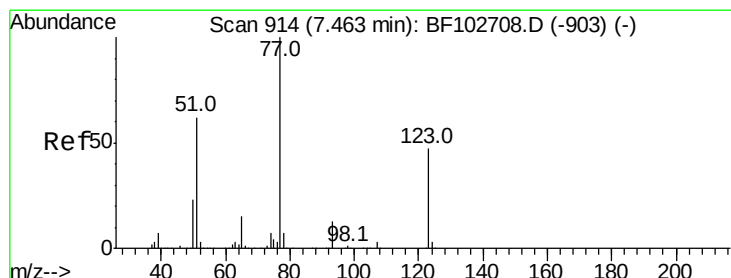
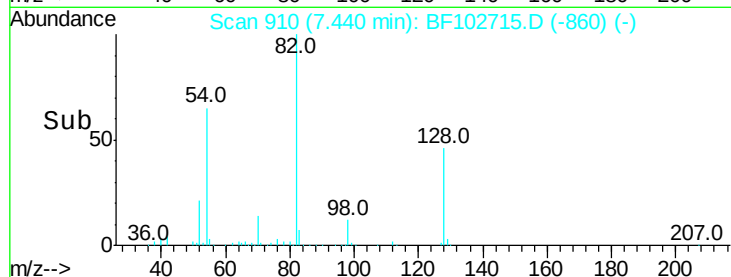
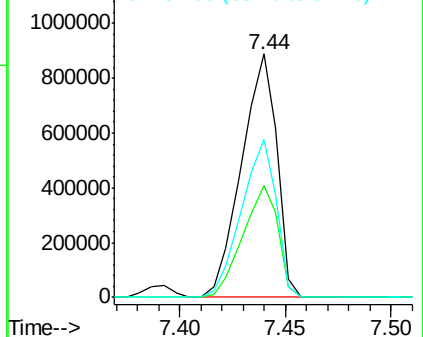
#23
 Nitrobenzene-d5
 Concen: 100.869 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1029203
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 64.7 41.4 62.2#

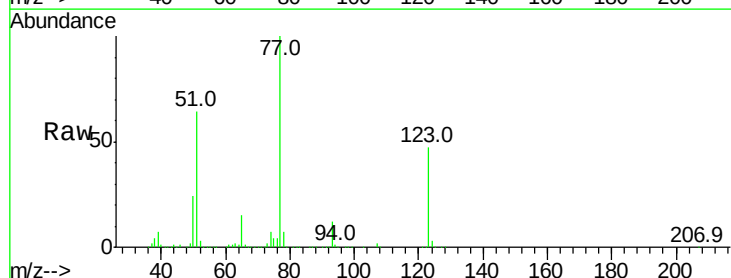


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

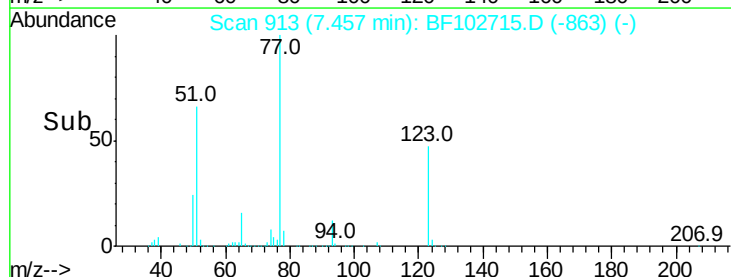
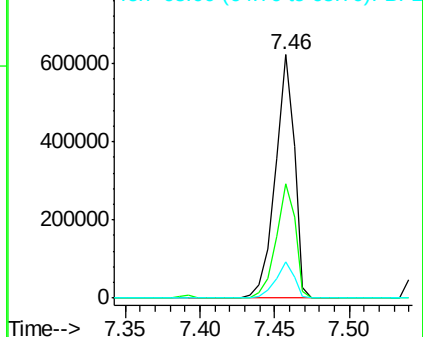


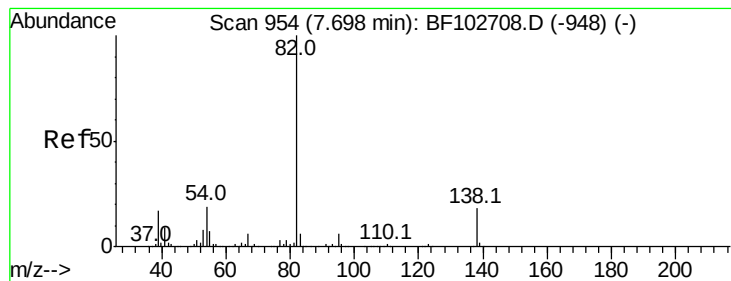
#24
 Nitrobenzene
 Concen: 46.054 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion: 77 Resp: 552726
 Ion Ratio Lower Upper
 77 100
 123 47.2 37.9 56.9
 65 15.0 11.0 16.4



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





#25

Isophorone

Concen: 44.161 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampled :

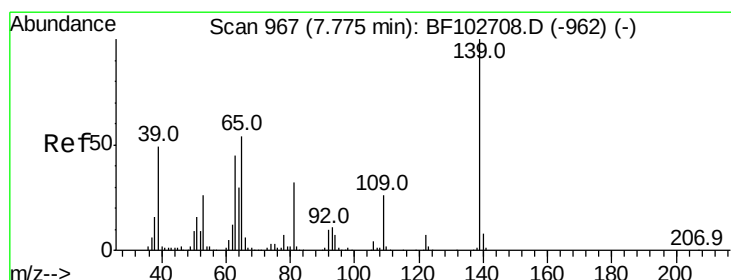
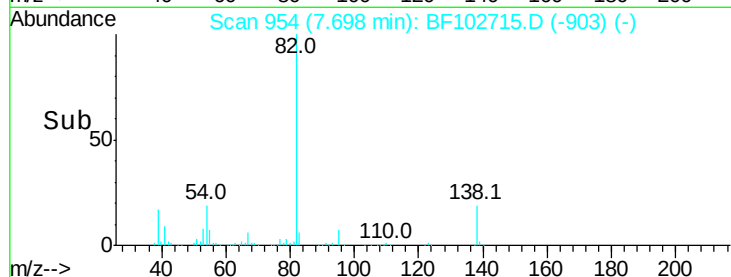
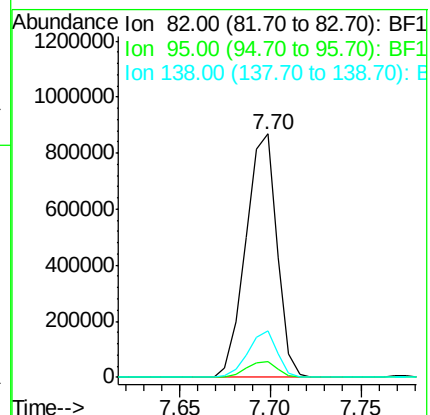
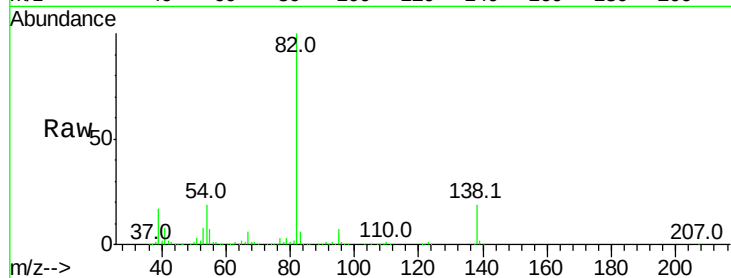
Tot Ion: 82 Resp: 1037565

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 52.178 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

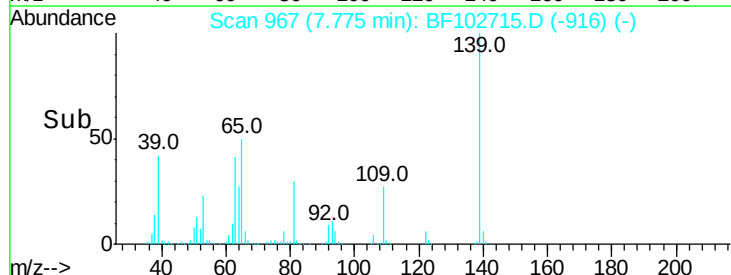
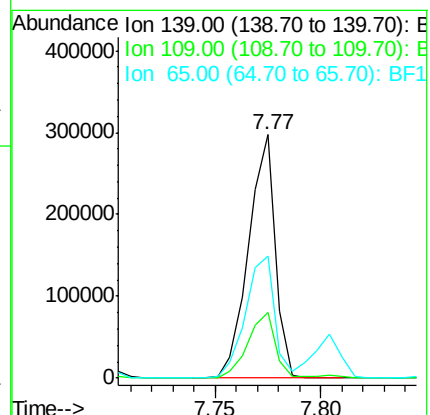
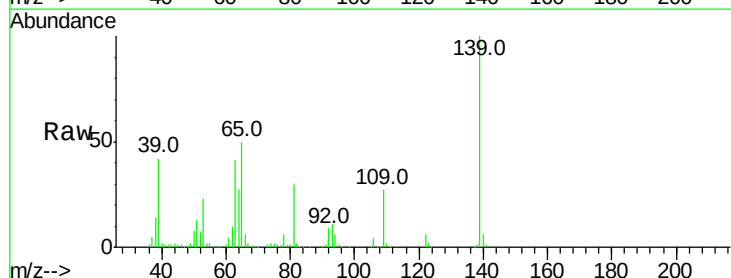
Tgt Ion: 139 Resp: 261817

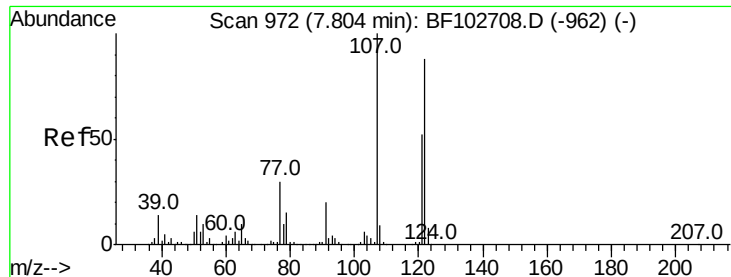
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 50.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 50.964 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

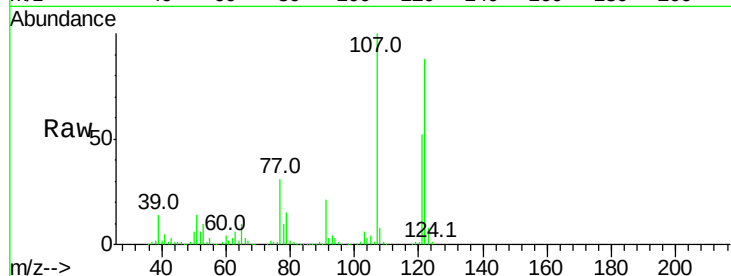
Tot Ion:122 Resp: 505879

Ion Ratio Lower Upper

122 100

107 114.0 91.2 136.8

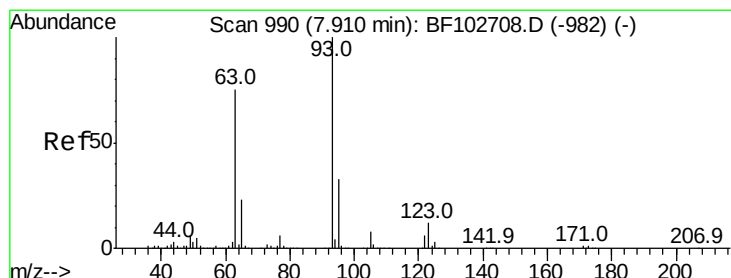
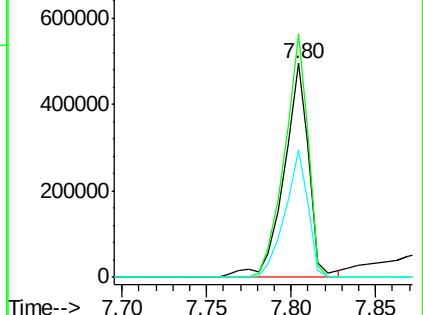
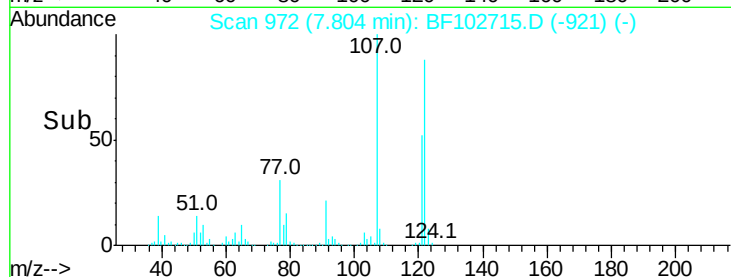
121 59.5 47.2 70.8



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: 45.785 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

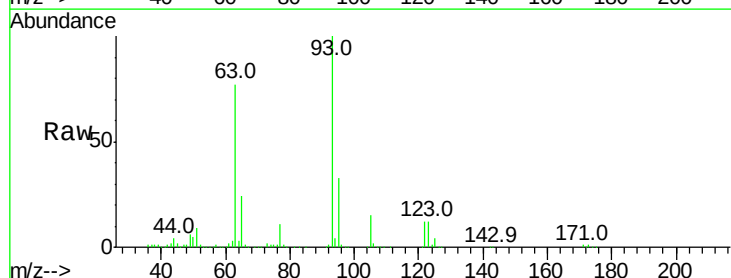
Tgt Ion: 93 Resp: 637239

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

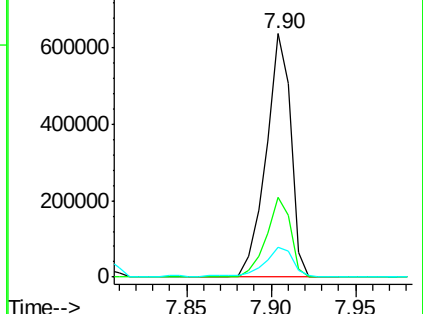
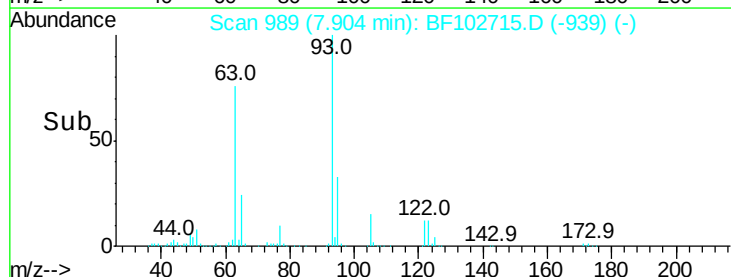
123 12.0 9.8 14.6

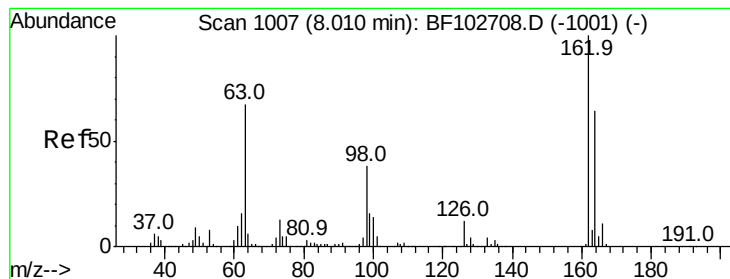


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.756 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

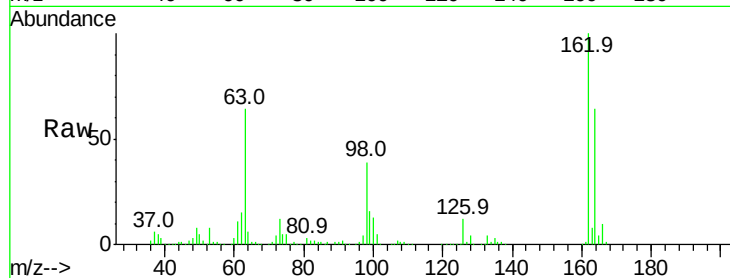
Tot Ion:162 Resp: 430925

Ion Ratio Lower Upper

162 100

164 64.2 42.7 82.7

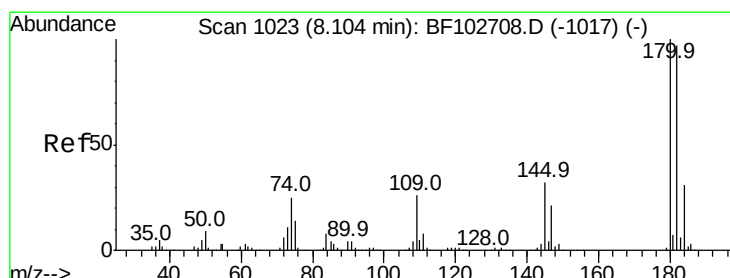
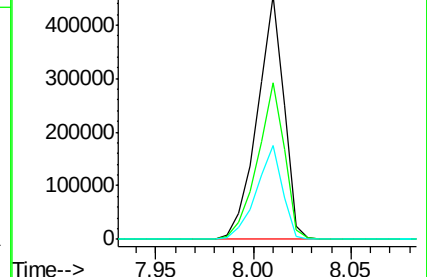
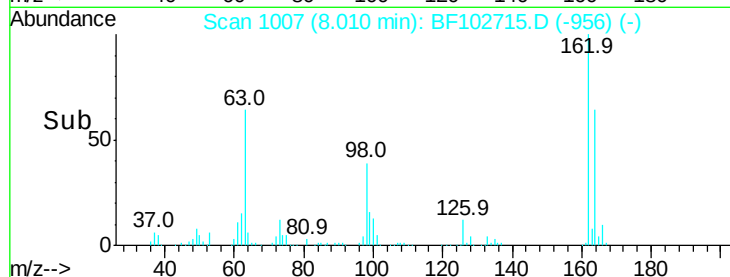
98 38.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.547 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

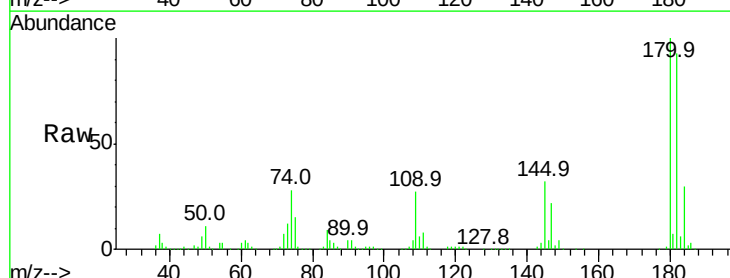
Tgt Ion:180 Resp: 424117

Ion Ratio Lower Upper

180 100

182 93.5 76.8 115.2

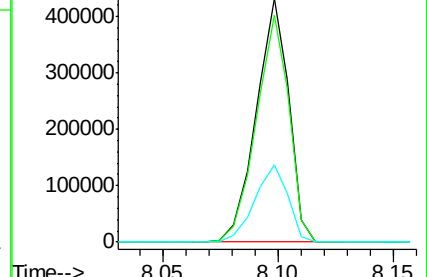
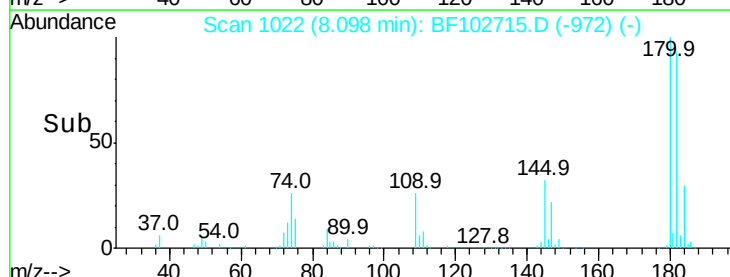
145 31.9 26.5 39.7

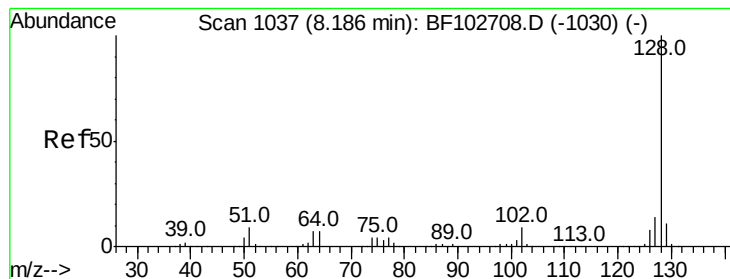


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.184 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

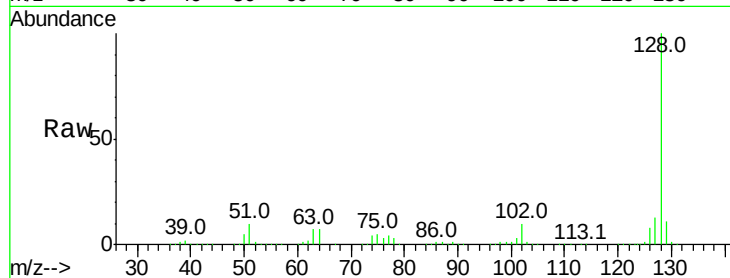
Tot Ion:128 Resp: 1458808

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

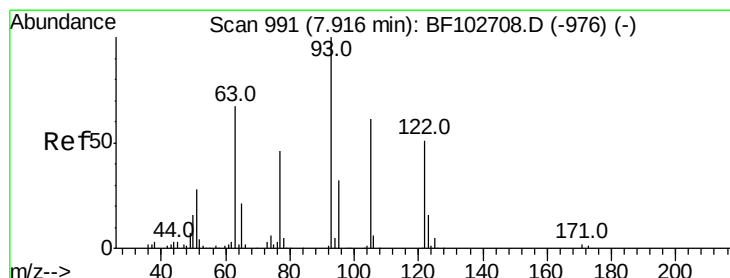
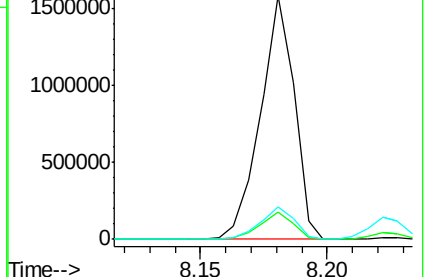
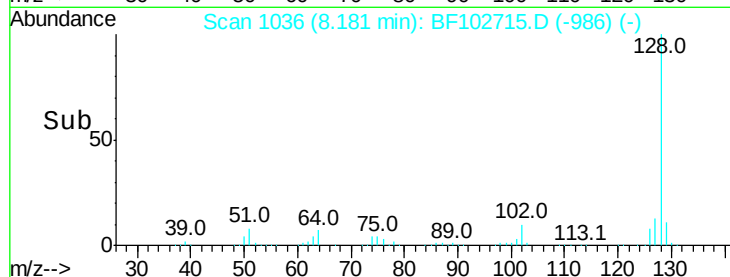
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.578 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

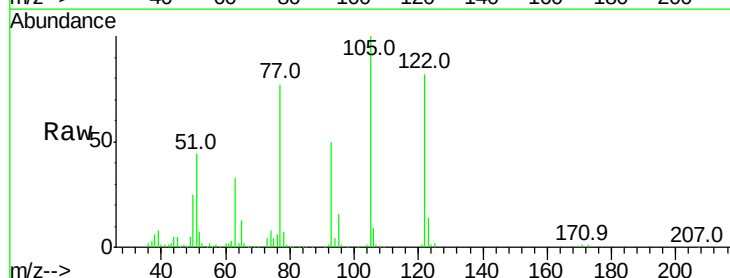
Tgt Ion:122 Resp: 332433

Ion Ratio Lower Upper

122 100

105 121.7 101.1 141.1

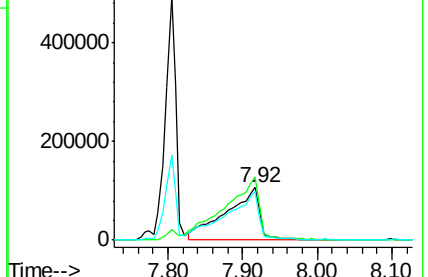
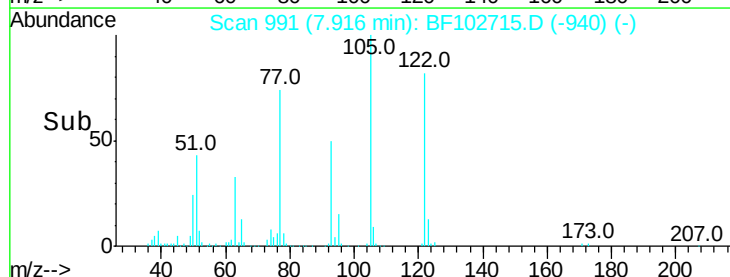
77 93.2 70.7 110.7

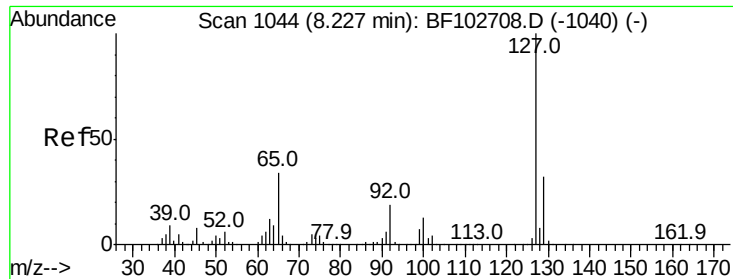


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

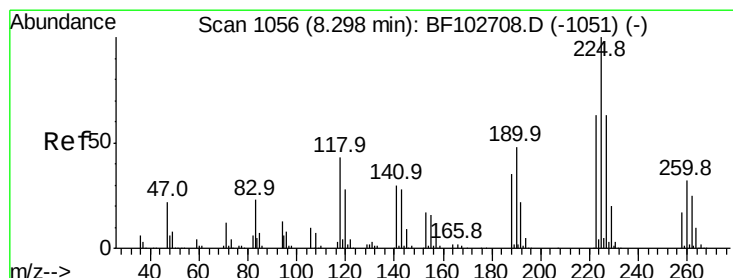
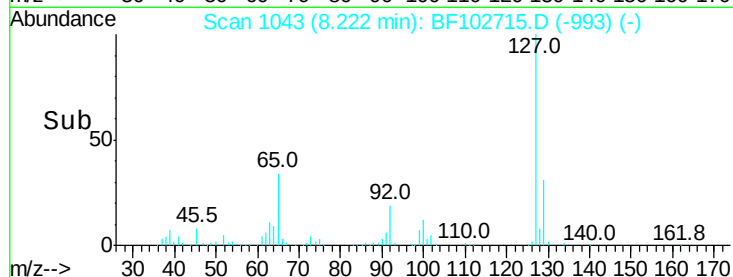
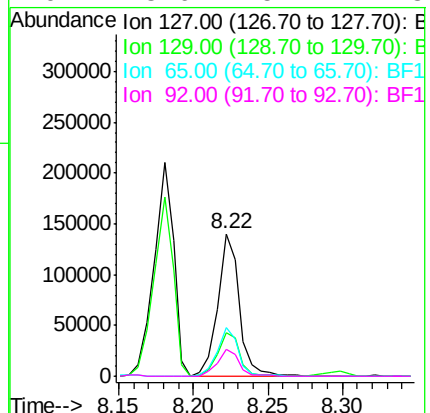
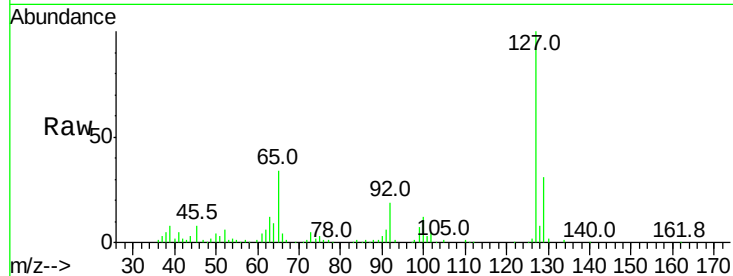




#33
4-Chloroaniline
Concen: 9.569 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

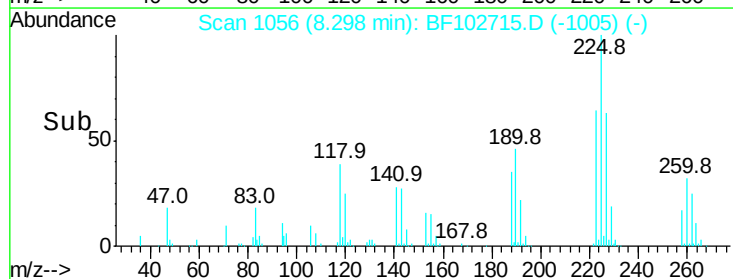
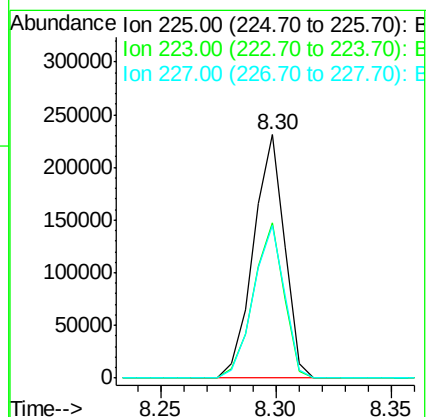
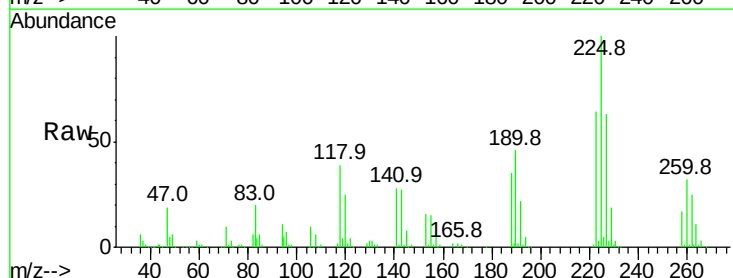
Instrument :
BNA_F
ClientSampleId :

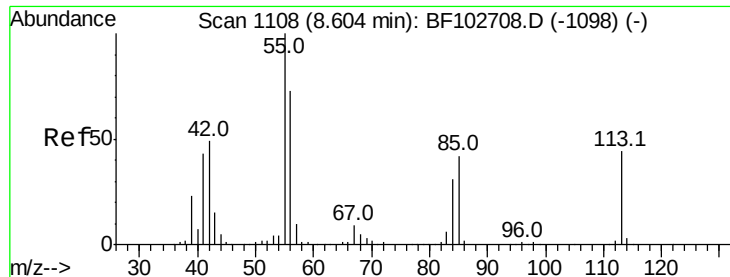
Tot Ion:	127	Resp:	142555
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.9	38.9
65	34.5	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.480 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion:	225	Resp:	216975
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	62.9	51.9	77.9

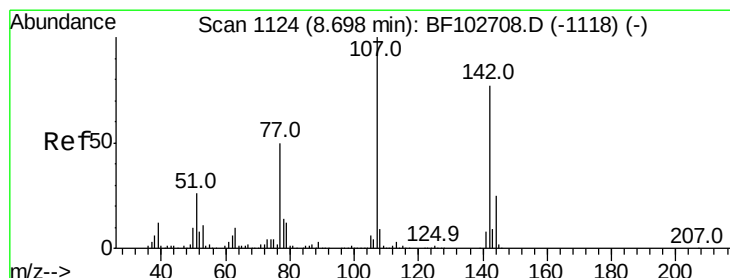
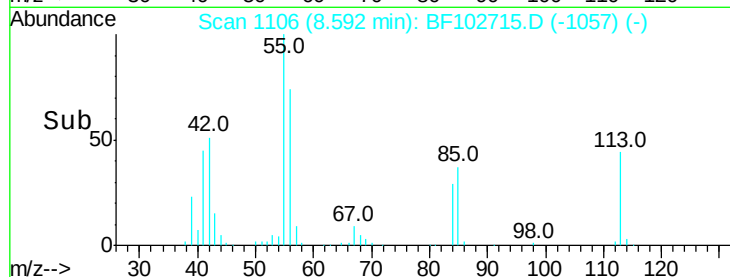
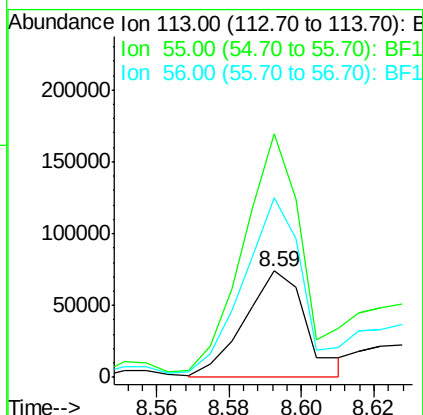
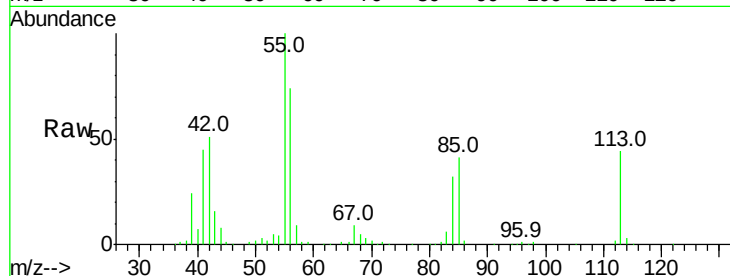




#35
 Caprolactam
 Concen: 27.797 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

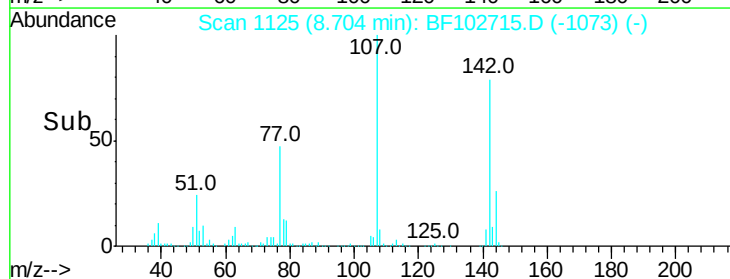
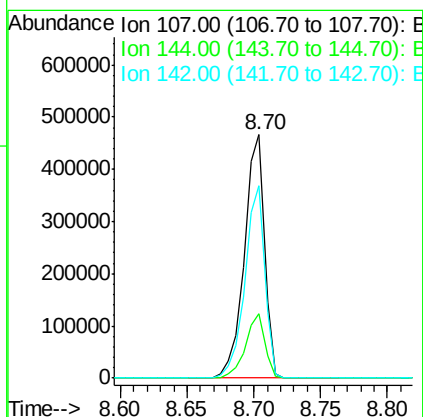
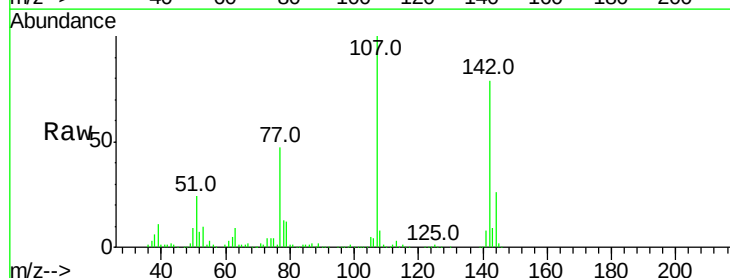
Instrument :
 BNA_F
 ClientSampleId :

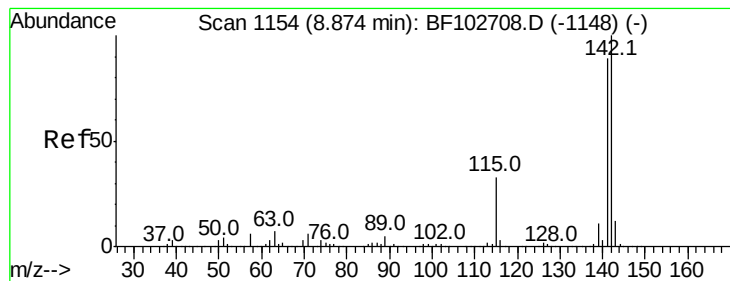
Tot Ion:113 Resp: 87108
 Ion Ratio Lower Upper
 113 100
 55 229.2 163.3 203.3#
 56 169.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 47.806 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion:107 Resp: 484686
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 79.3 62.0 93.0

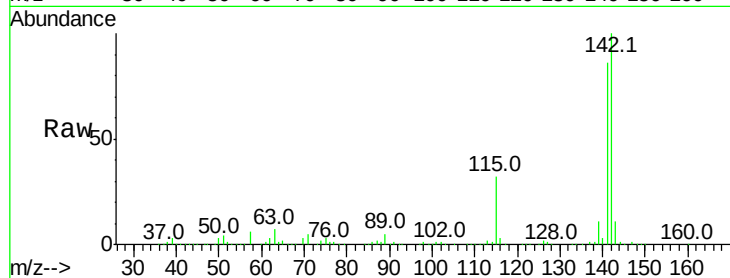




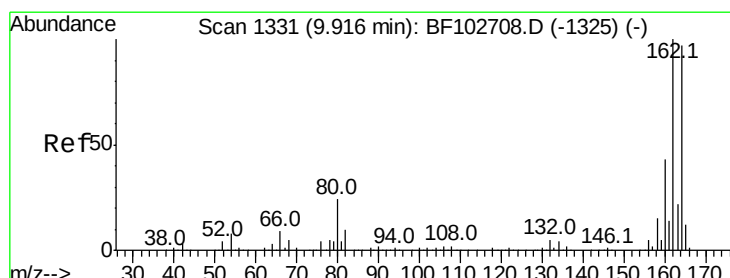
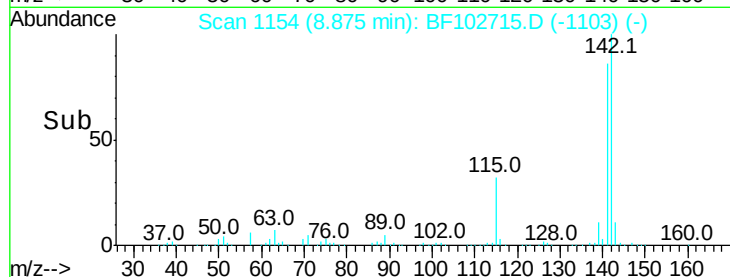
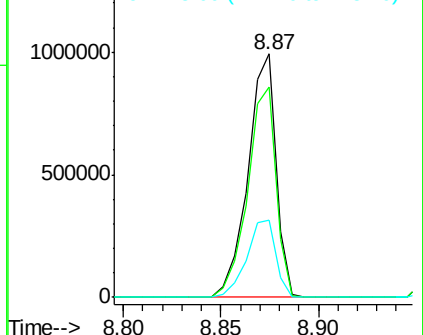
#37
2-Methylnaphthalene
Concen: 43.718 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.8	106.2
115	32.0	26.1	39.1

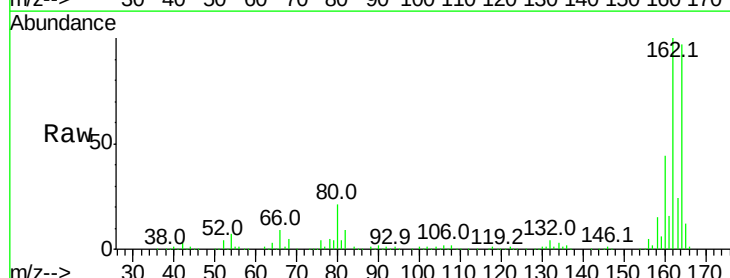


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

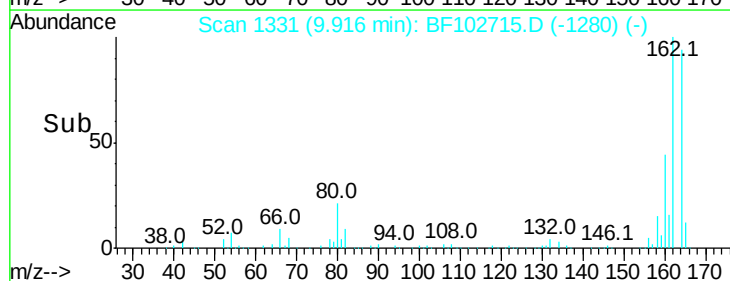
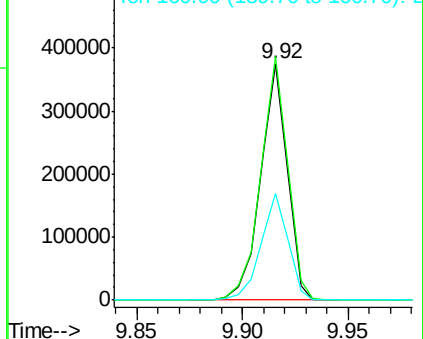


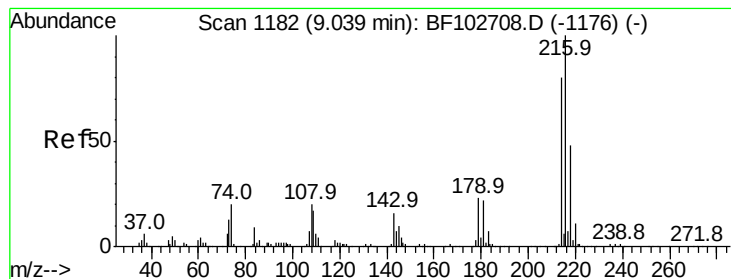
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	45.4	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.595 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 355918

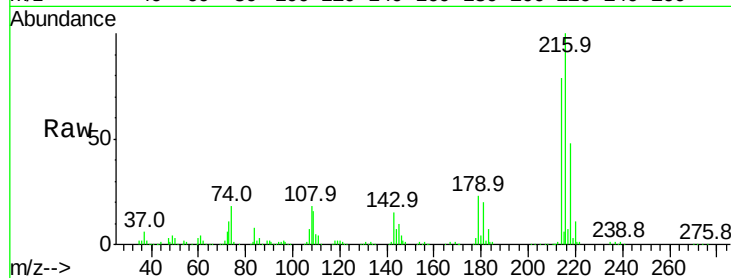
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 23.7 18.1 27.1

108 25.0 17.2 25.8

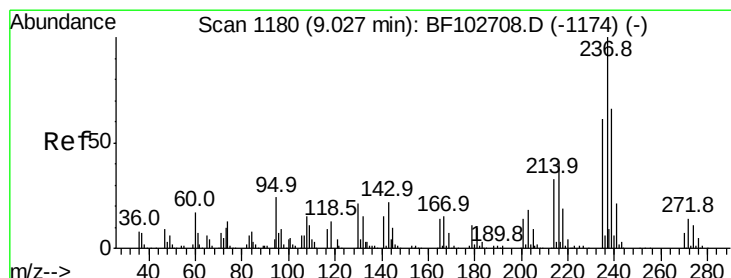
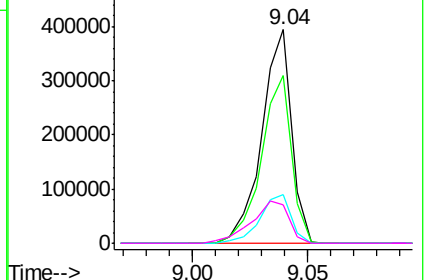
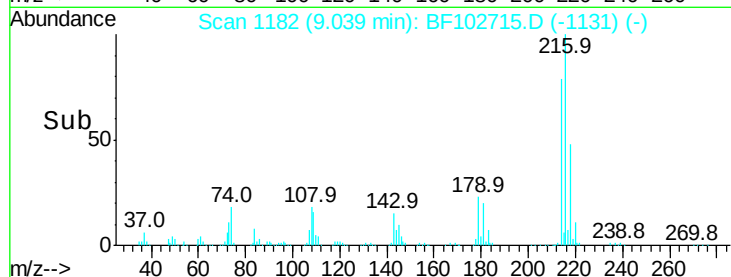


Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.312 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

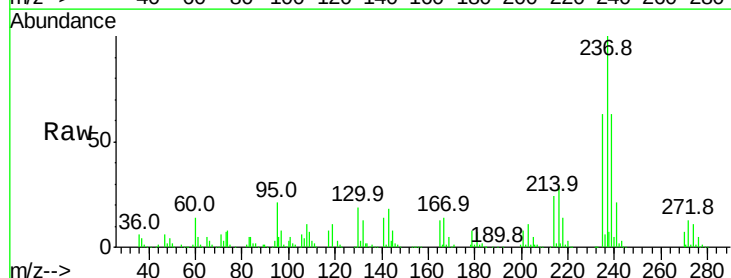
Tgt Ion:237 Resp: 424378

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

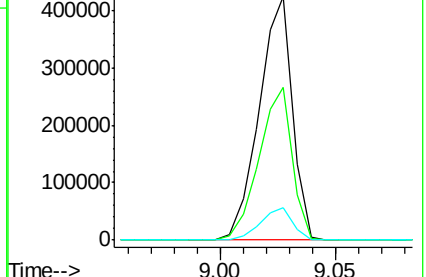
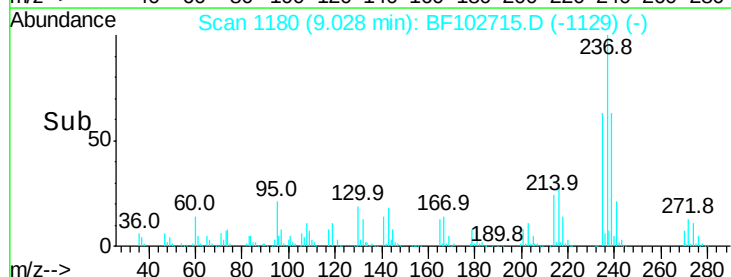
272 13.3 0.0 33.3

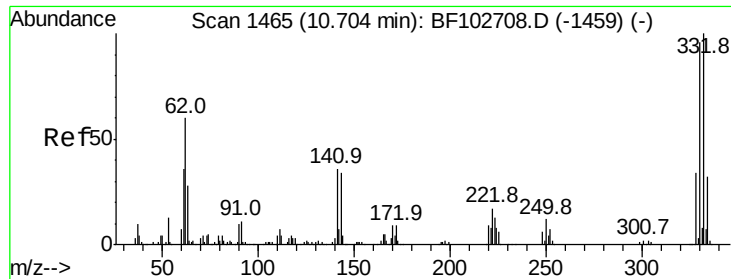


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

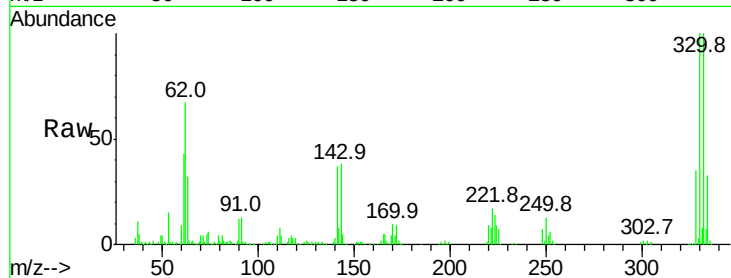




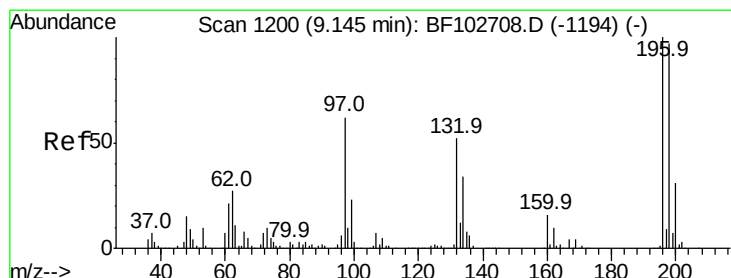
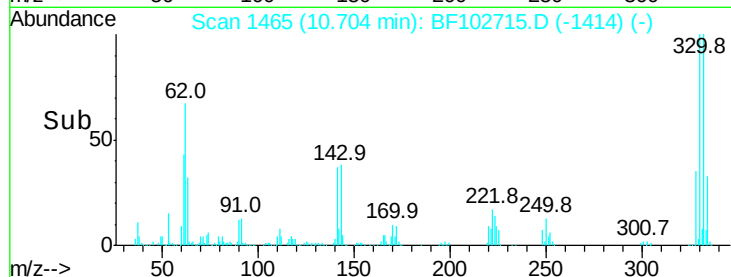
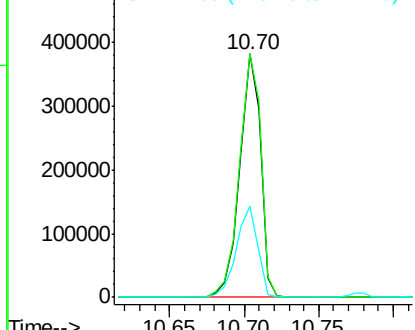
#41
 2,4,6-Tribromophenol
 Concen: 140.955 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 374546
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 38.6 29.9 44.9

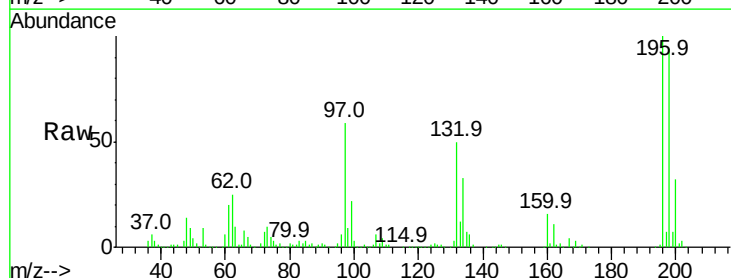


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

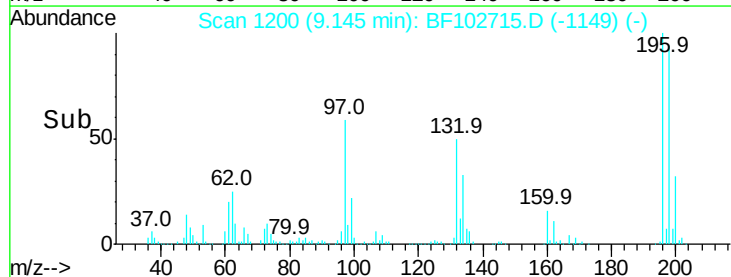
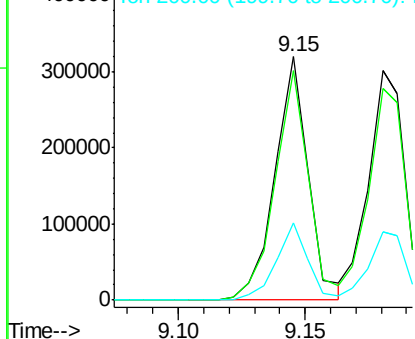


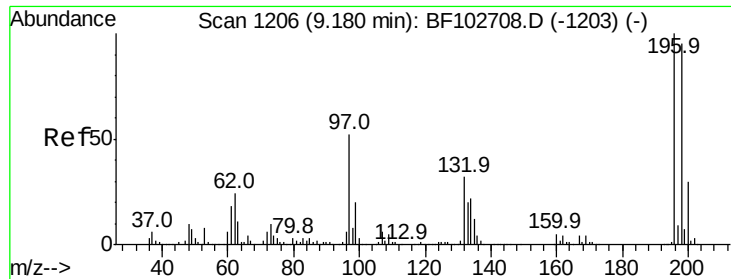
#42
 2,4,6-Trichlorophenol
 Concen: 50.063 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion:196 Resp: 295586
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 31.6 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

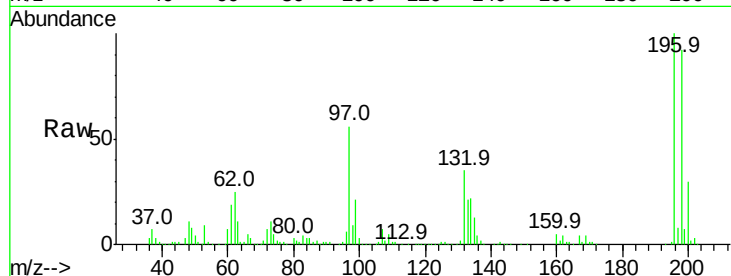




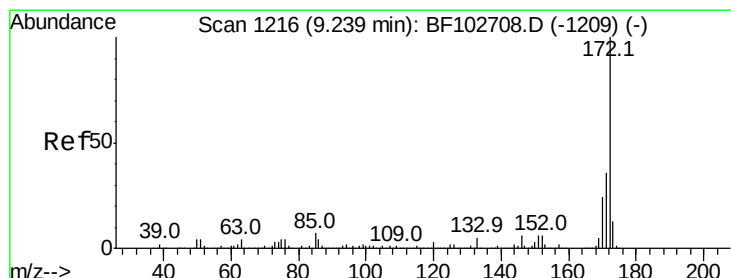
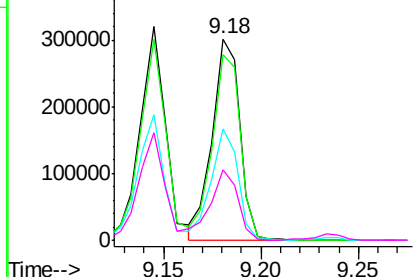
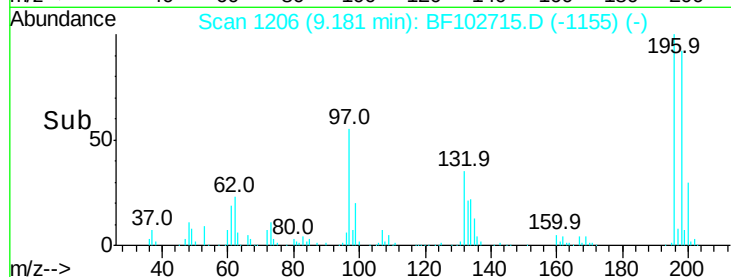
#43
 2,4,5-Trichlorophenol
 Concen: 44.472 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 295942
 Ion Ratio Lower Upper
 196 100
 198 92.1 74.6 112.0
 97 55.7 42.9 64.3
 132 34.7 26.3 39.5

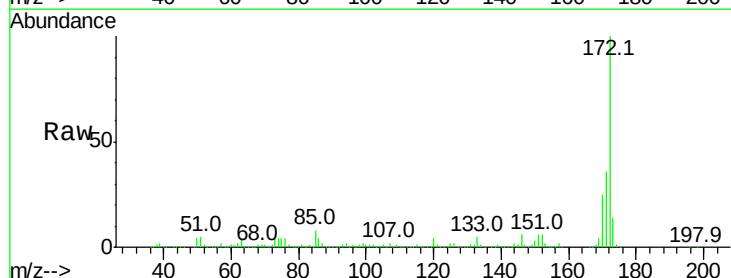


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

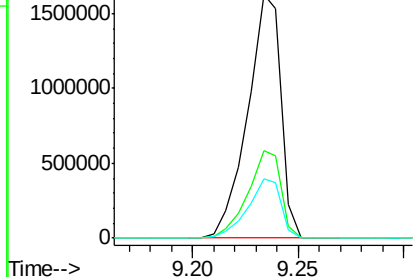
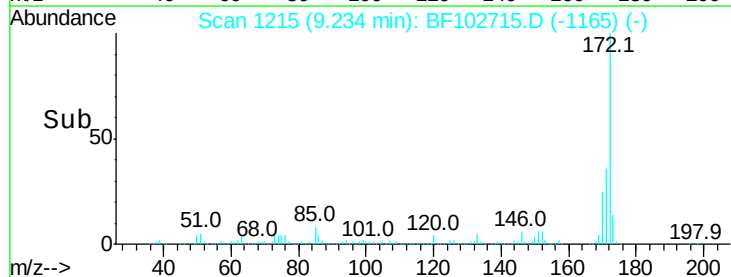


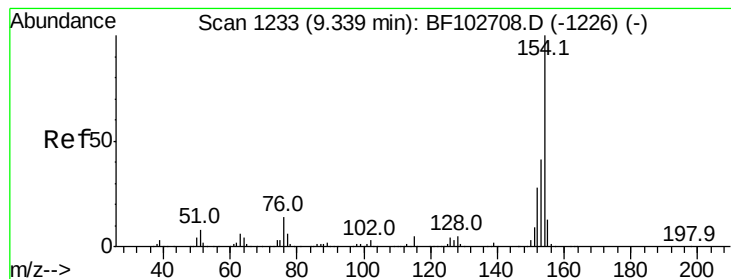
#44
 2-Fluorobiphenyl
 Concen: 89.668 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion:172 Resp: 1783988
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.5 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: 41.055 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

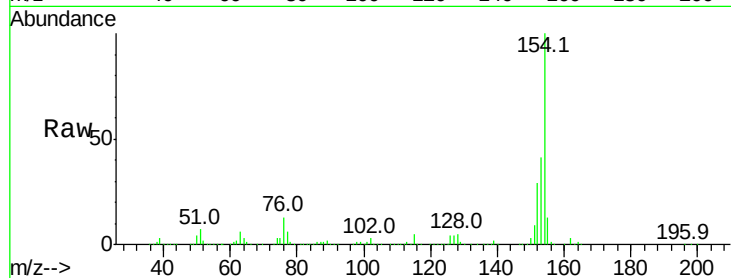
Tot Ion:154 Resp: 1141587

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

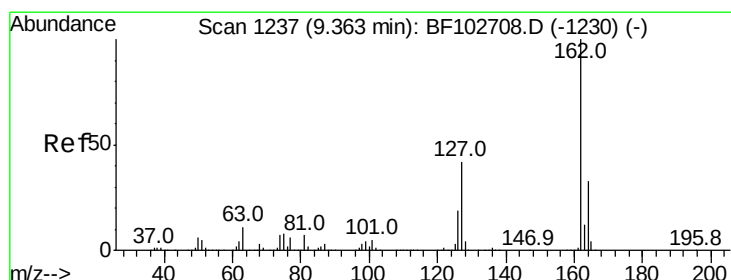
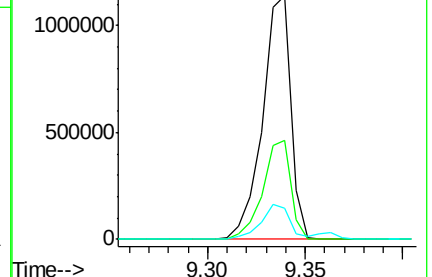
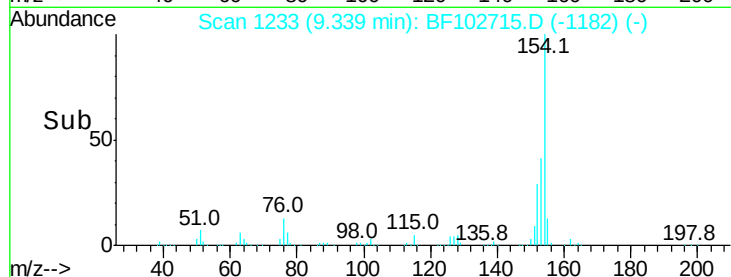
76 12.7 0.0 34.0



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: 41.323 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

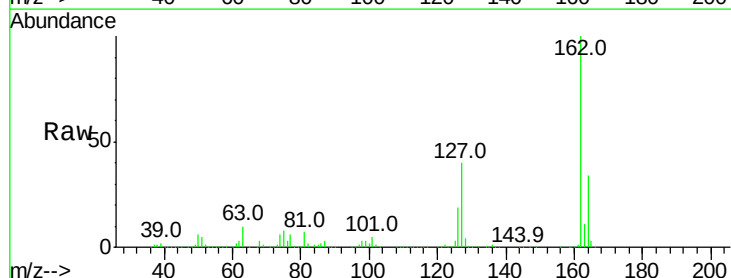
Tgt Ion:162 Resp: 904609

Ion Ratio Lower Upper

162 100

127 40.3 33.9 50.9

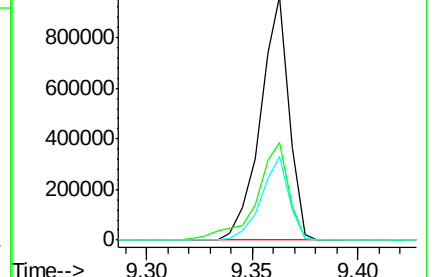
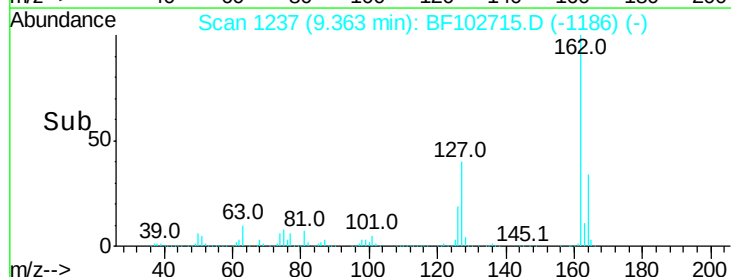
164 34.1 26.5 39.7

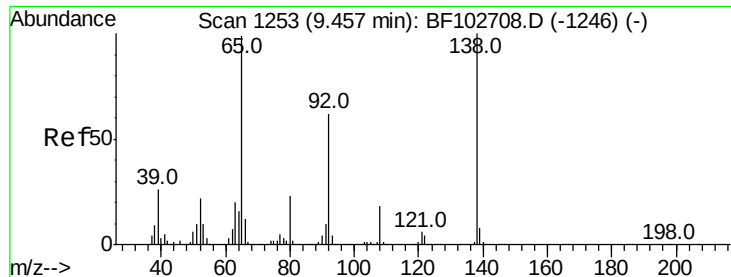


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.266 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

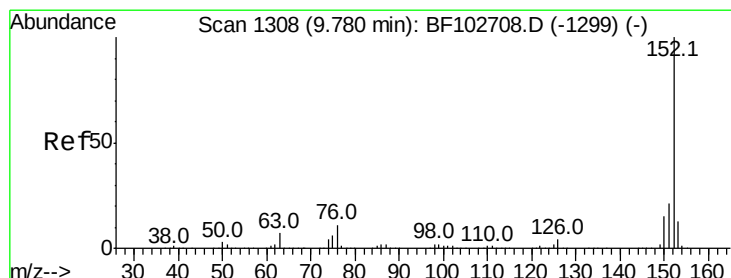
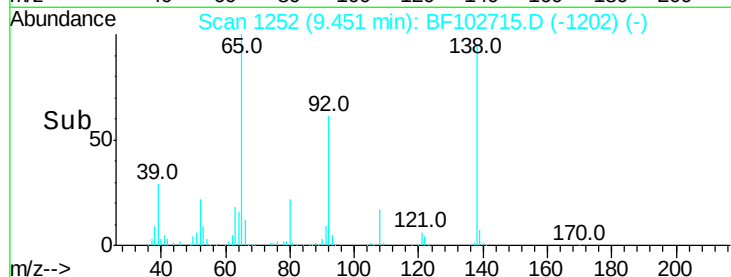
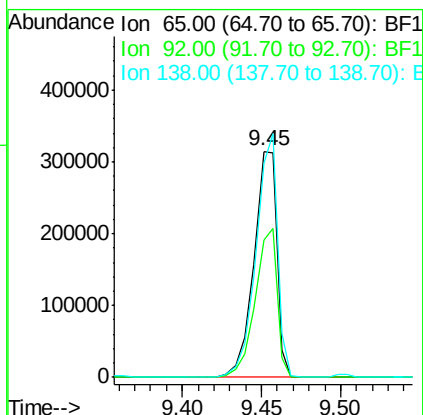
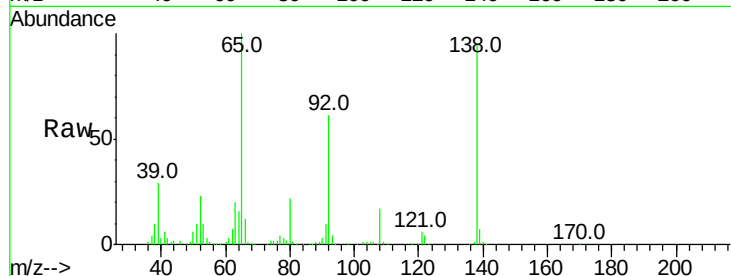
Tot Ion: 65 Resp: 318903

Ion Ratio Lower Upper

65 100

92 60.5 55.8 83.6

138 95.0 91.2 136.8



#48

Acenaphthylene

Concen: 41.017 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

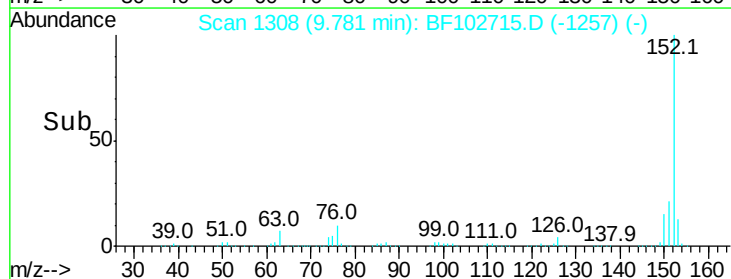
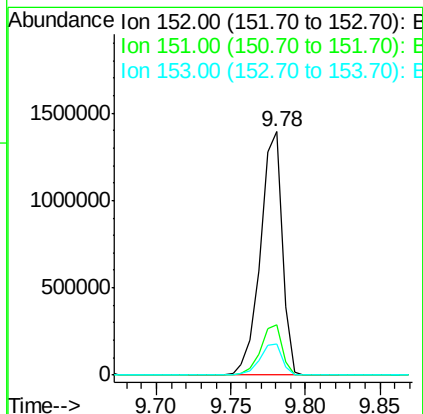
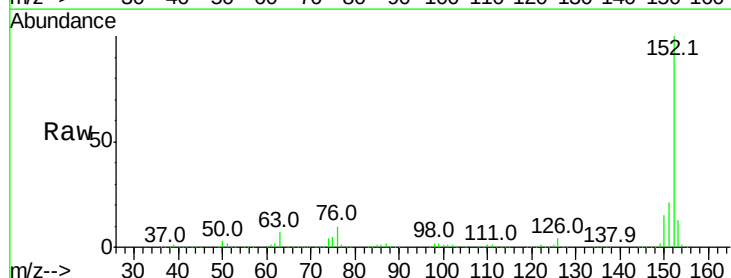
Tgt Ion: 152 Resp: 1394598

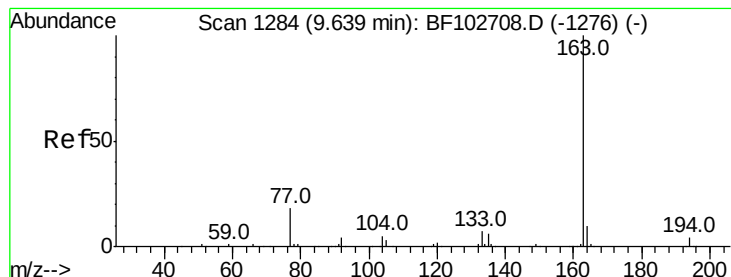
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 42.235 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

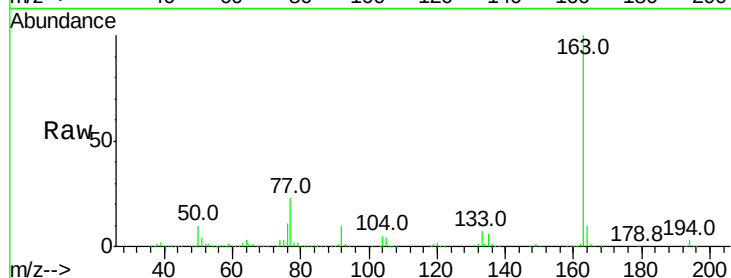
Tot Ion:163 Resp: 1087181

Ion Ratio Lower Upper

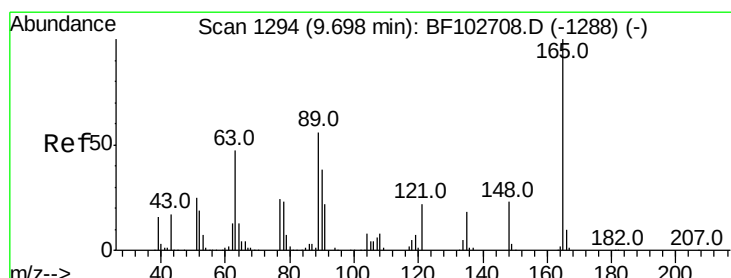
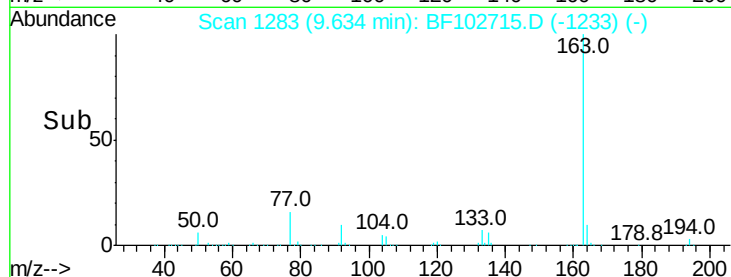
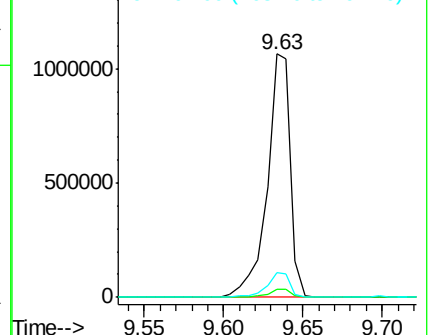
163 100

194 3.4 2.7 4.1

164 10.4 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 49.403 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

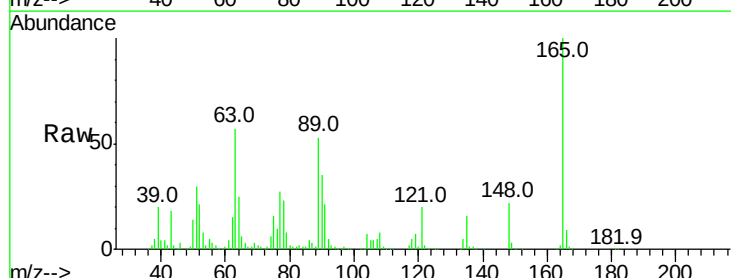
Tgt Ion:165 Resp: 241942

Ion Ratio Lower Upper

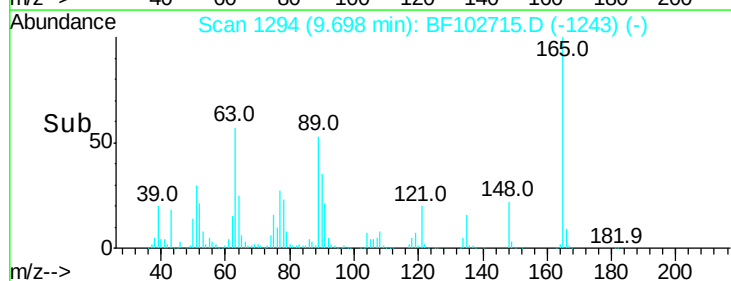
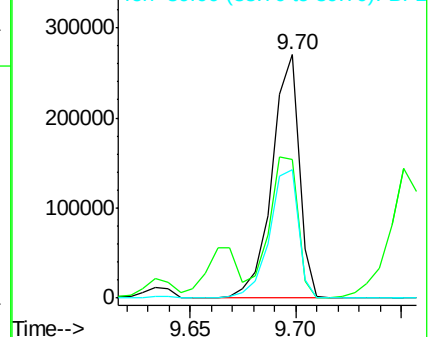
165 100

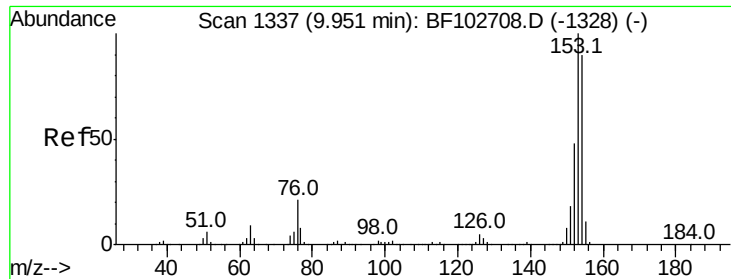
63 57.0 44.7 67.1

89 52.9 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: 44.922 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

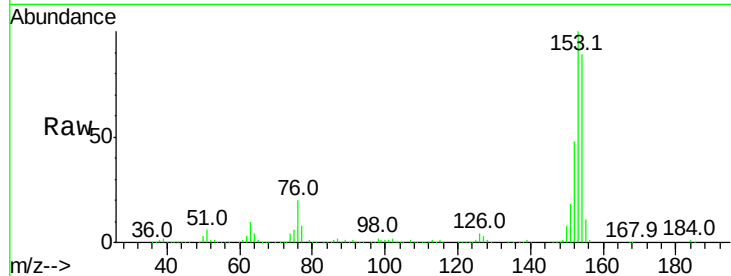
Tot Ion:154 Resp: 913412

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

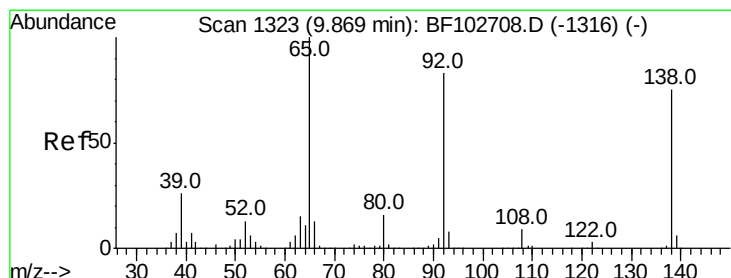
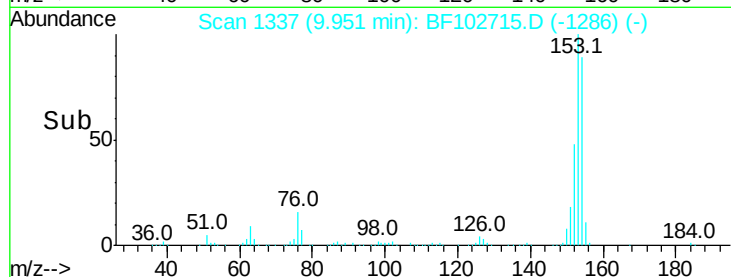
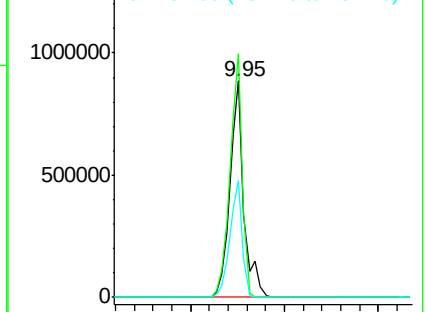
152 54.1 43.8 65.8



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: 21.330 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

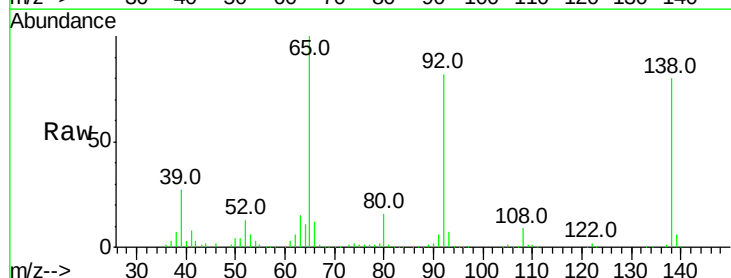
Tgt Ion:138 Resp: 128535

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

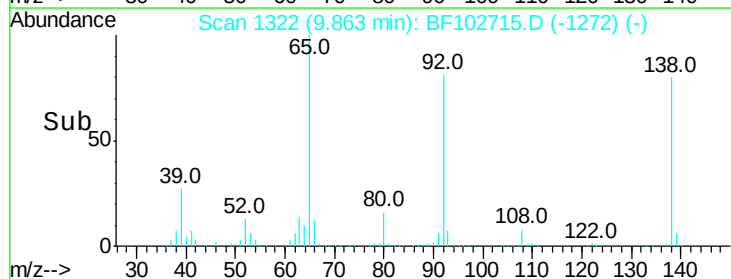
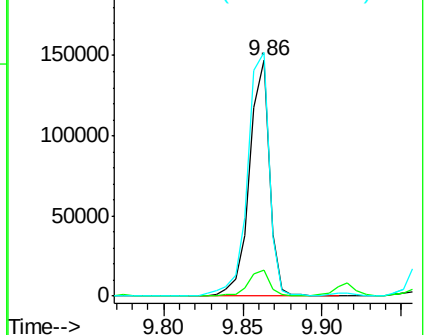
92 103.3 89.4 134.2

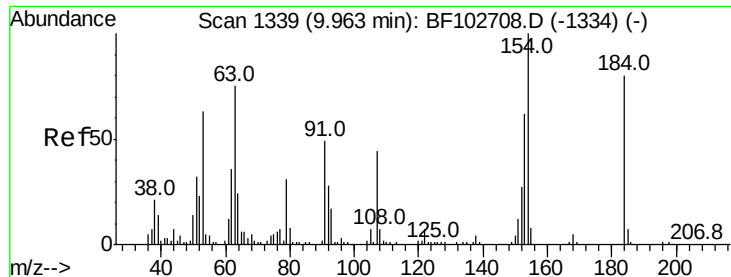


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

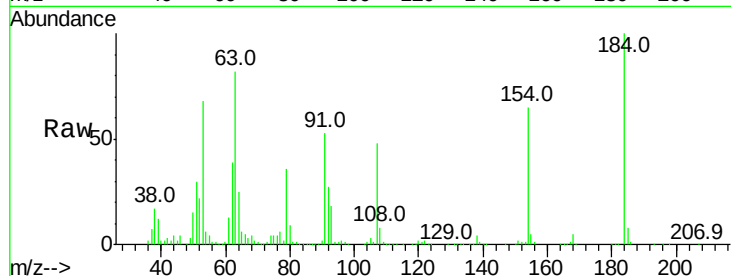




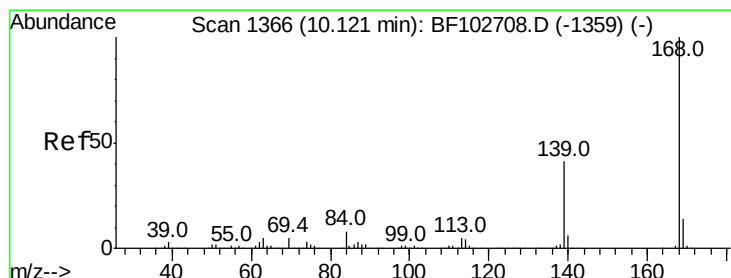
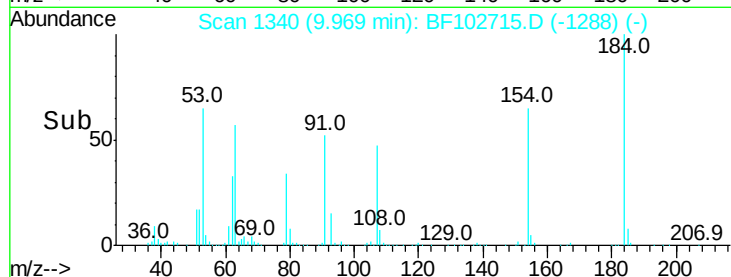
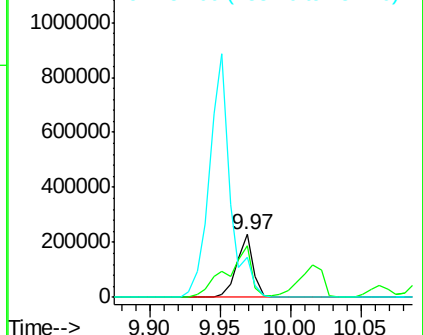
#53
2,4-Dinitrophenol
Concen: 96.004 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 180466
Ion Ratio Lower Upper
184 100
63 81.8 54.2 81.2#
154 64.8 184.0 276.0#

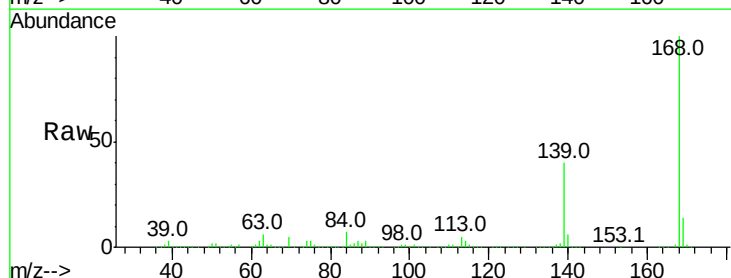


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

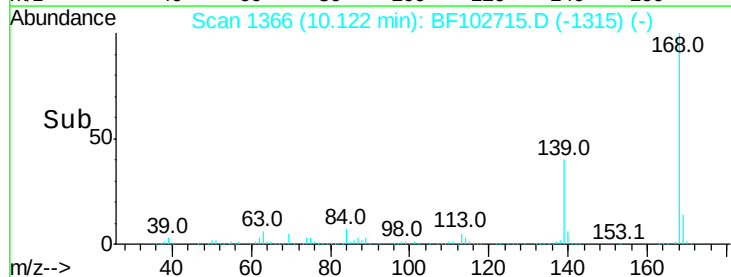
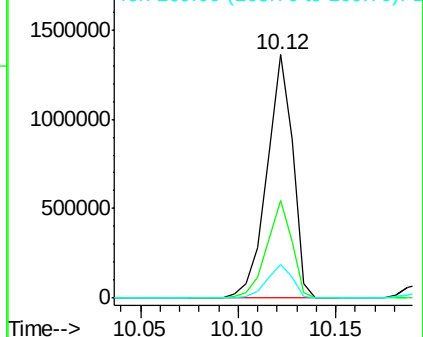


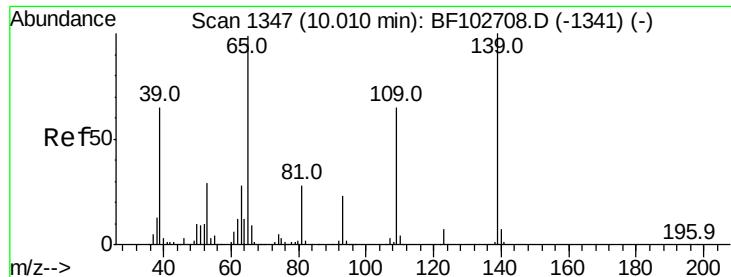
#54
Dibenzofuran
Concen: 43.518 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion:168 Resp: 1247019
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 13.8 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

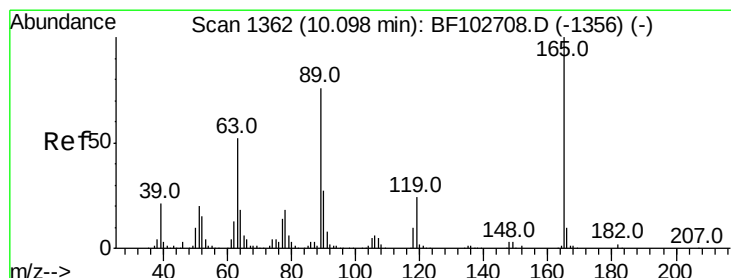
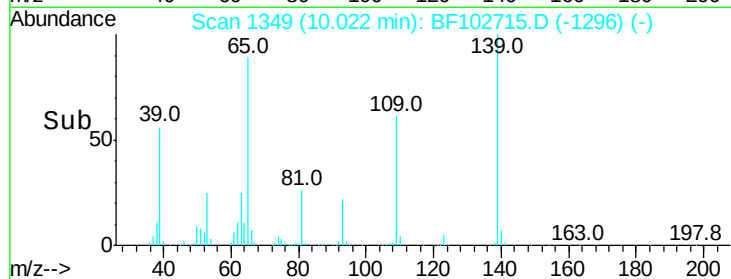
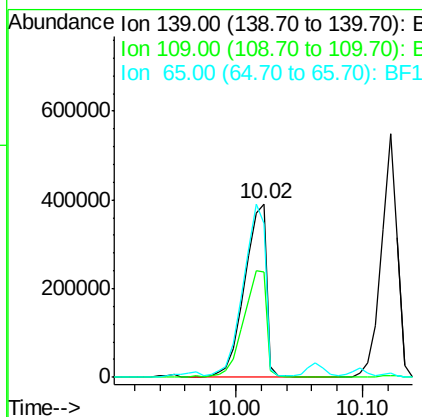
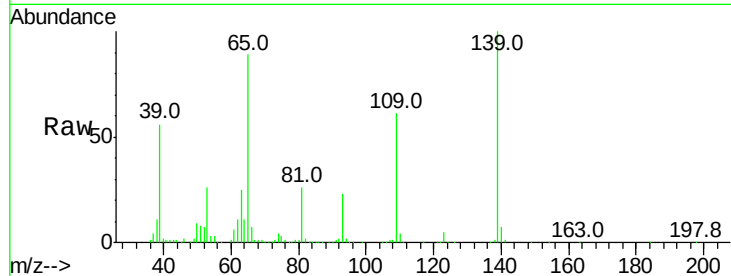




#55
4-Nitrophenol
Concen: 93.640 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

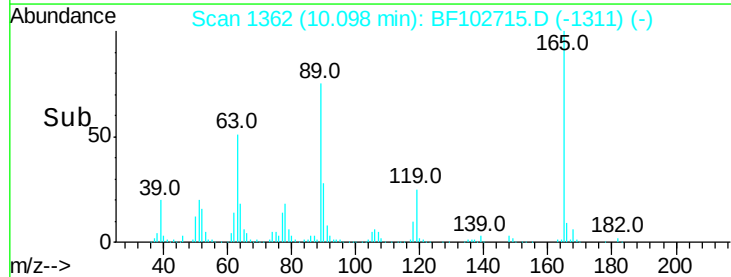
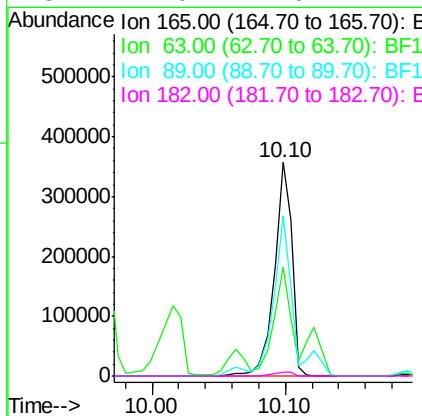
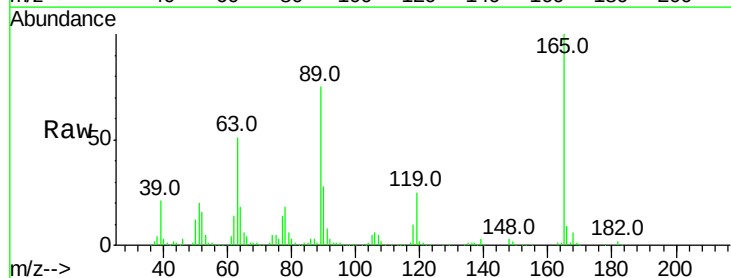
Instrument :
BNA_F
ClientSampleId :

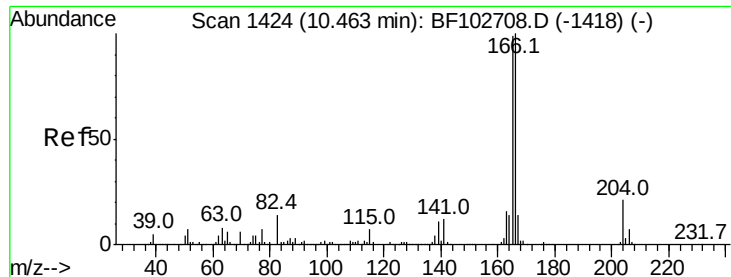
Tot Ion:139 Resp: 467283
Ion Ratio Lower Upper
139 100
109 60.7 48.4 88.4
65 89.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.965 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion:165 Resp: 329056
Ion Ratio Lower Upper
165 100
63 51.2 36.4 54.6
89 74.9 57.8 86.6
182 2.0 1.6 2.4





#57

Fluorene

Concen: 43.245 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampled :

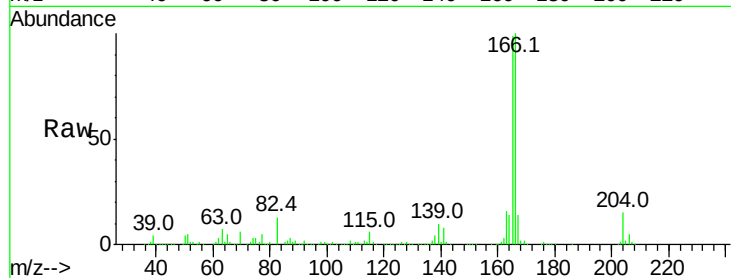
Tot Ion:166 Resp: 901621

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

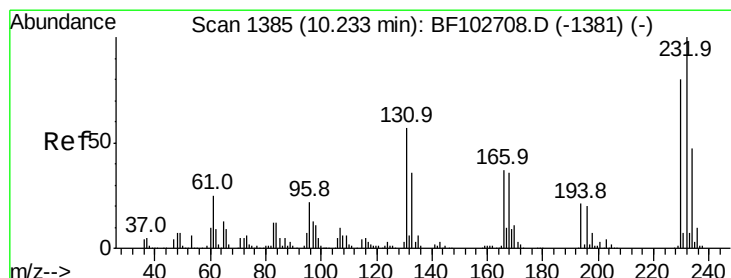
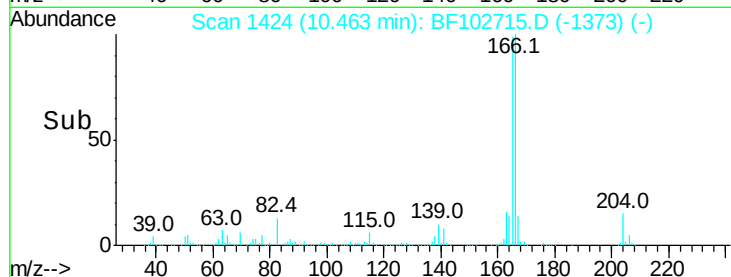
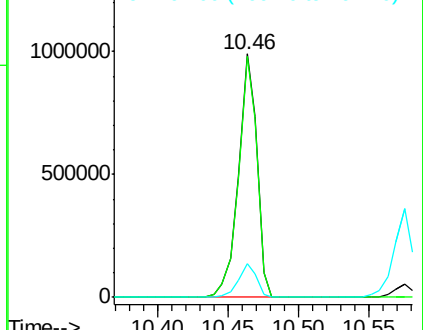
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.029 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion:232 Resp: 235359

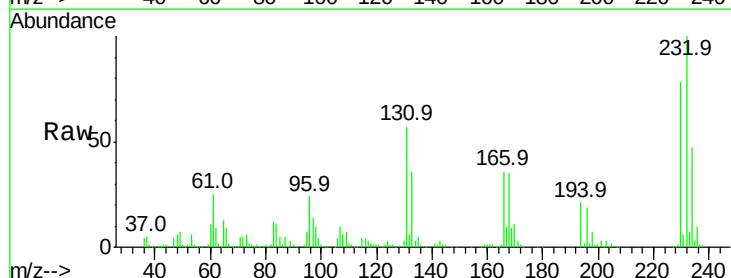
Ion Ratio Lower Upper

232 100

131 57.0 43.8 65.8

130 2.5 2.1 3.1

166 35.8 27.8 41.6

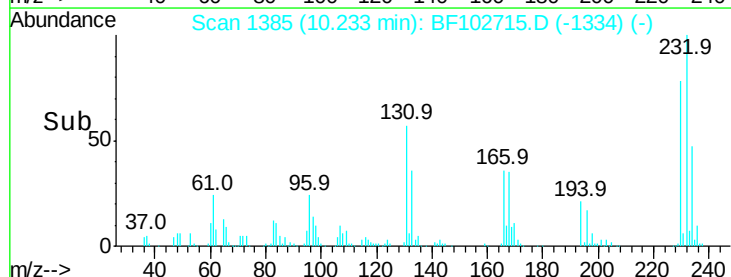
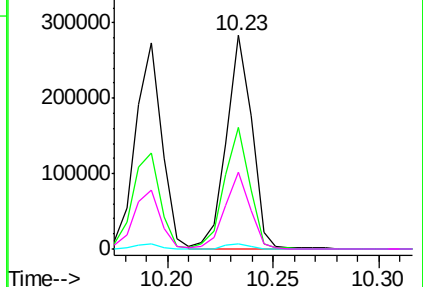


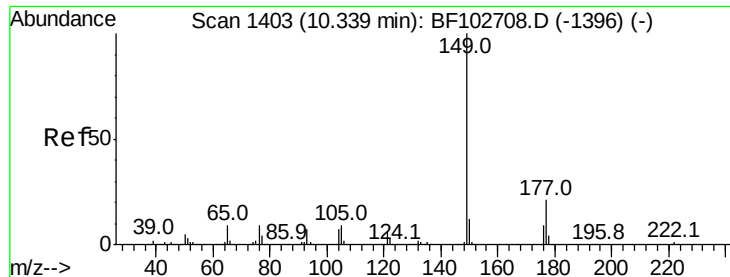
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

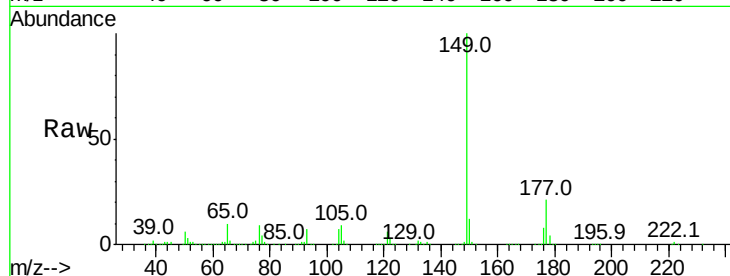




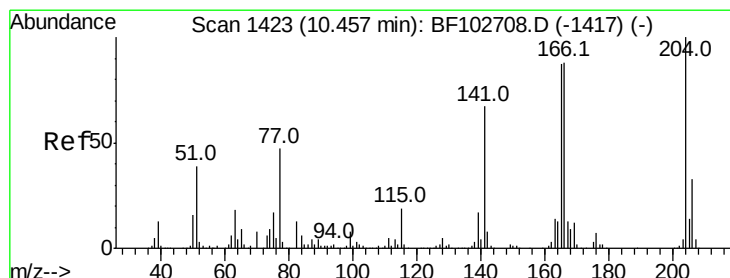
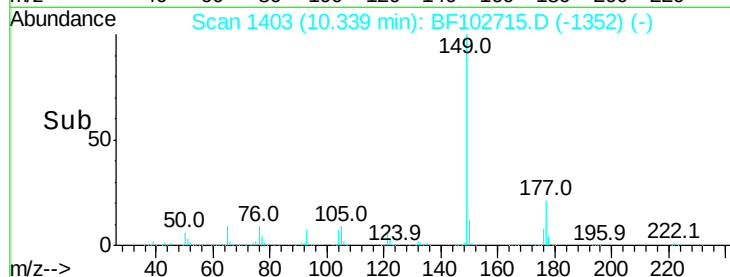
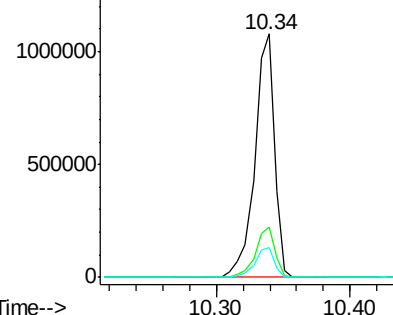
#59
Diethylphthalate
Concen: 43.599 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1108174
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.4 10.1 15.1

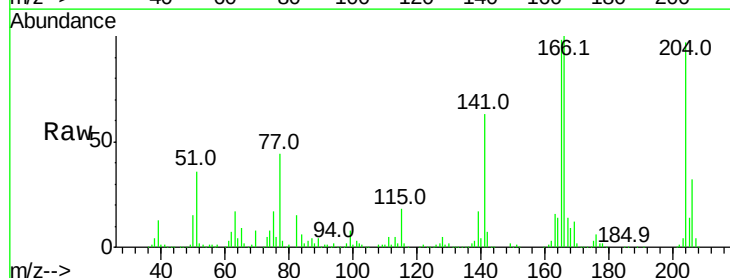


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

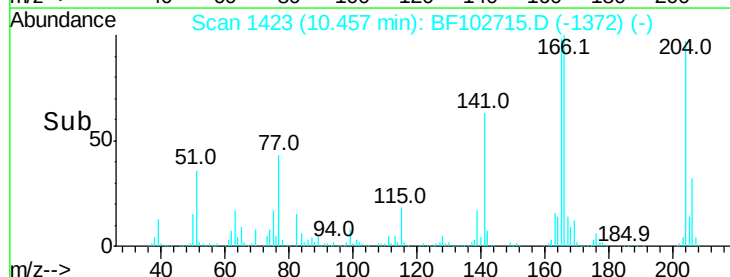
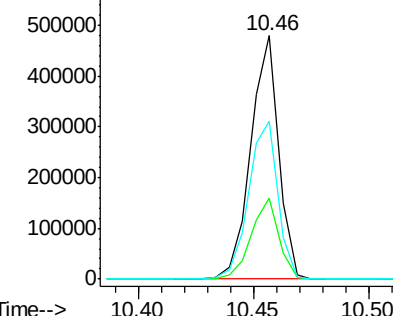


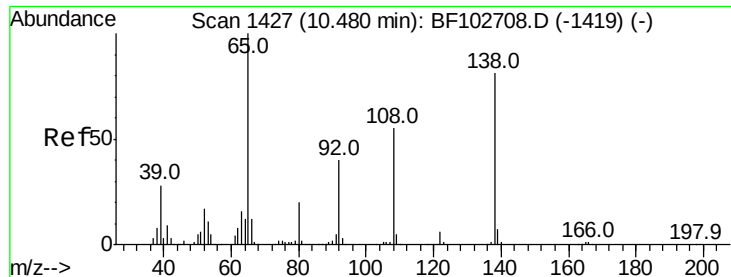
#60
4-Chlorophenyl-phenylether
Concen: 43.723 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion:204 Resp: 403257
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 64.9 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

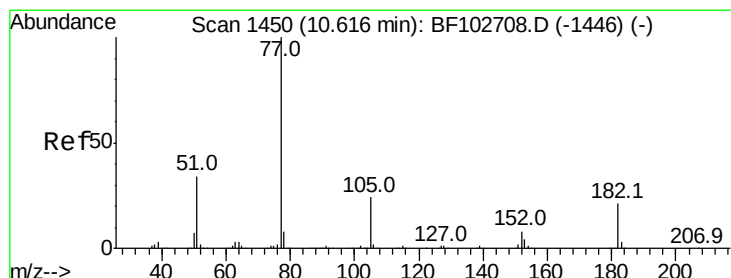
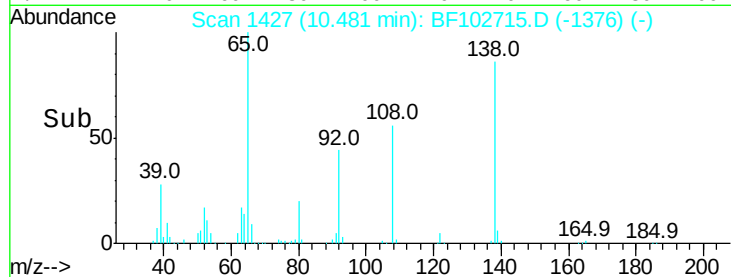
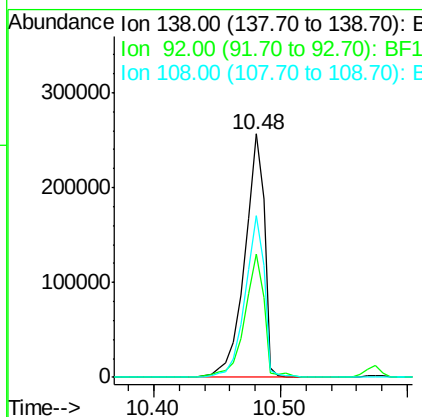
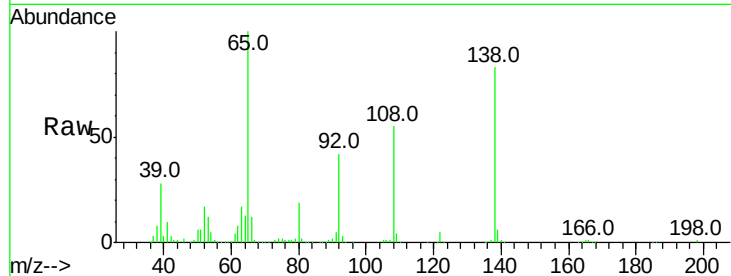




#61
4-Nitroaniline
Concen: 48.018 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

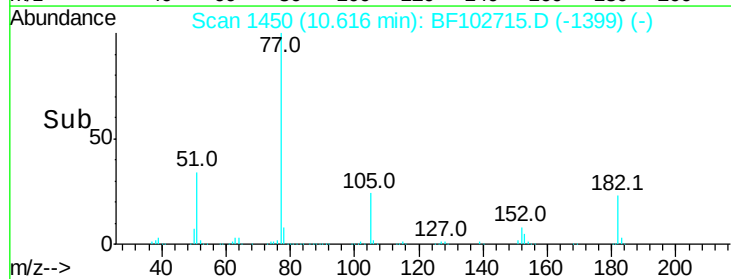
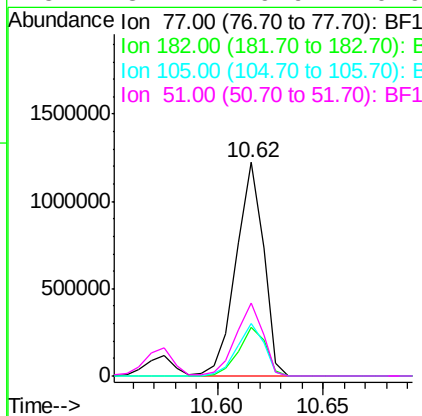
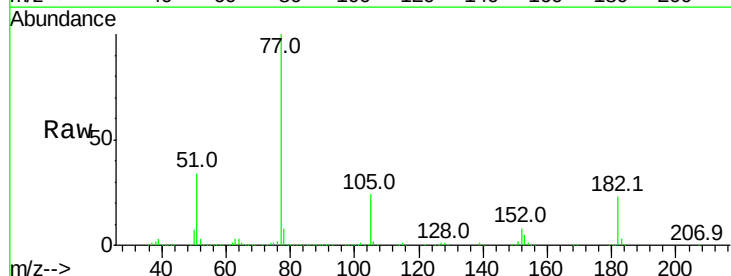
Instrument :
BNA_F
ClientSampleId :

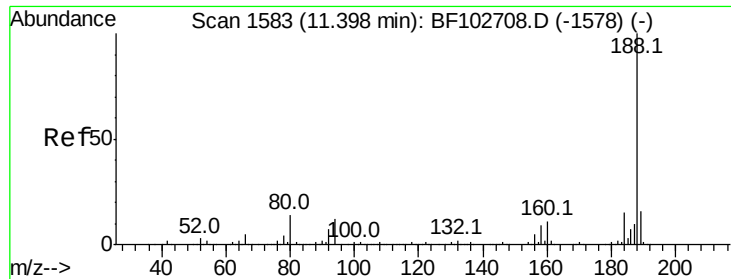
Tot Ion:138 Resp: 275419
Ion Ratio Lower Upper
138 100
92 50.9 30.2 70.2
108 66.5 52.5 92.5



#62
Azobenzene
Concen: 43.210 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion: 77 Resp: 1097184
Ion Ratio Lower Upper
77 100
182 22.6 1.7 41.7
105 24.4 3.0 43.0
51 34.4 9.9 49.9

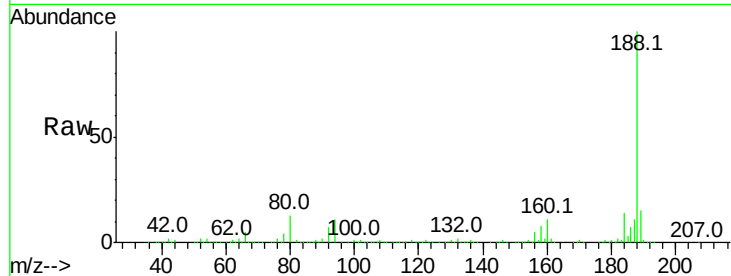




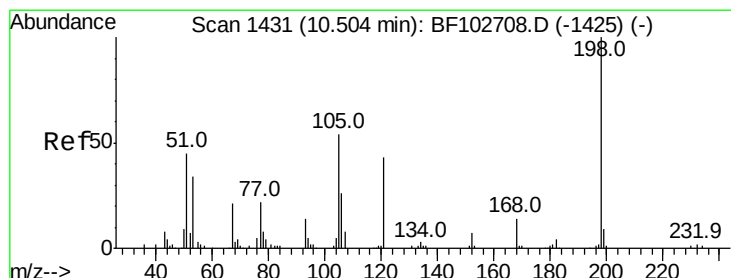
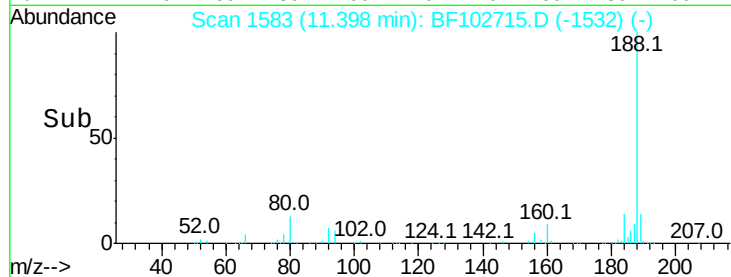
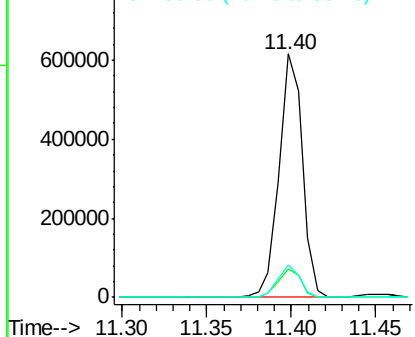
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 593760
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 13.2 9.2 13.8

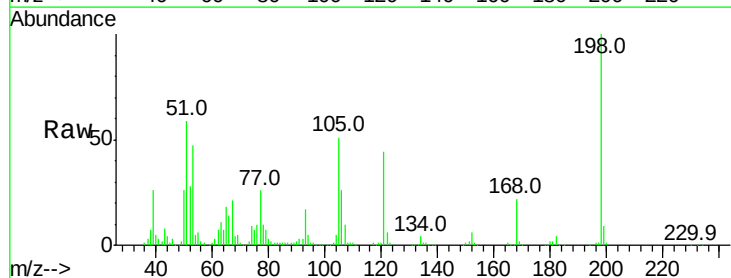


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

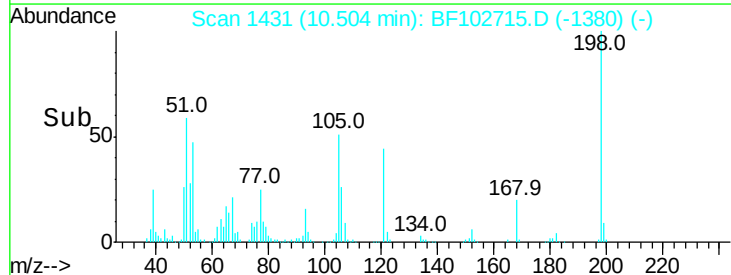
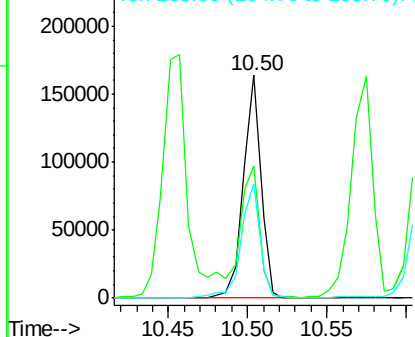


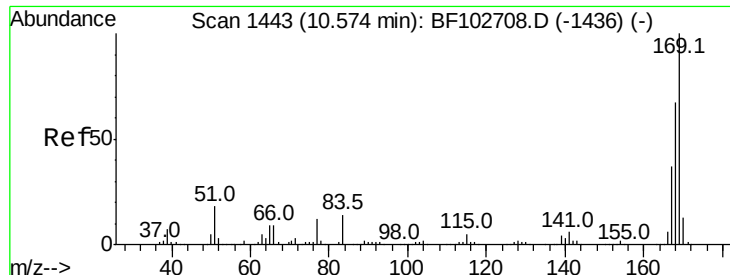
#64
4,6-Dinitro-2-methylphenol
Concen: 50.283 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion:198 Resp: 126368
Ion Ratio Lower Upper
198 100
51 59.2 37.7 77.7
105 51.3 36.3 76.3



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

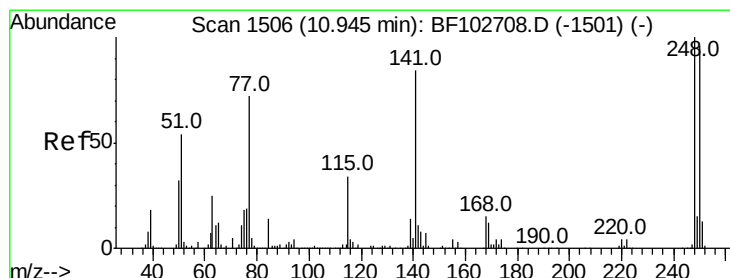
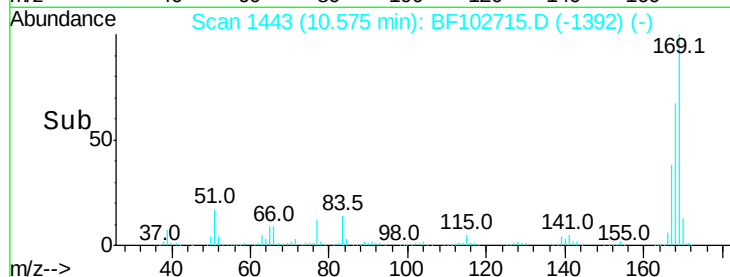
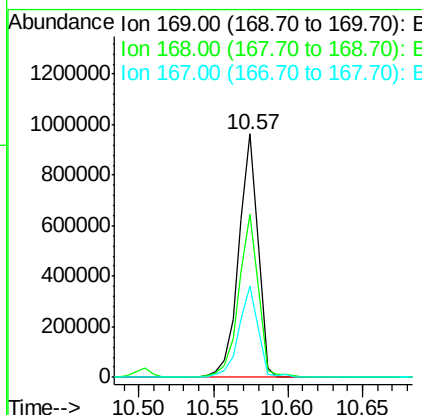
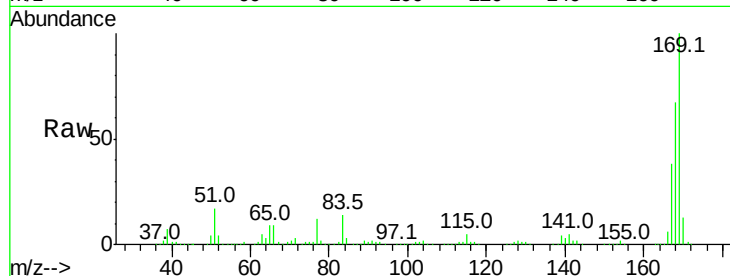




#65
 n-Nitrosodiphenylamine
 Concen: 41.458 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

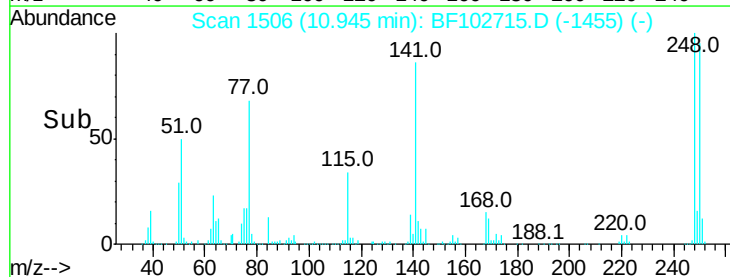
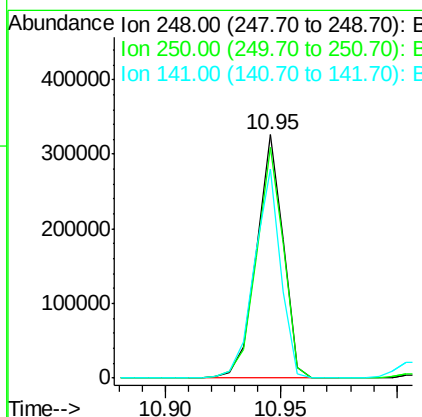
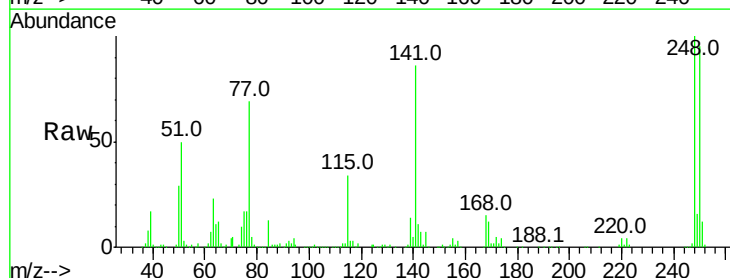
Instrument :
 BNA_F
 ClientSampleId :

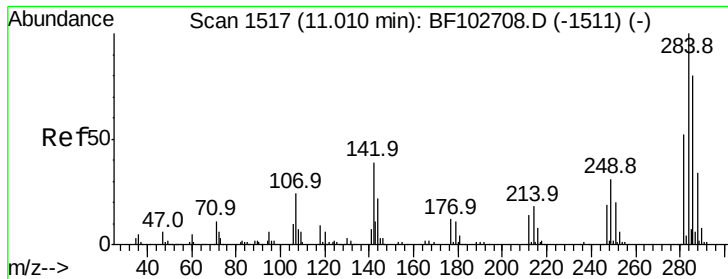
Tot Ion:169 Resp: 868273
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.4 81.6
 167 37.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.091 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion:248 Resp: 264369
 Ion Ratio Lower Upper
 248 100
 250 95.0 76.9 115.3
 141 86.0 74.4 111.6

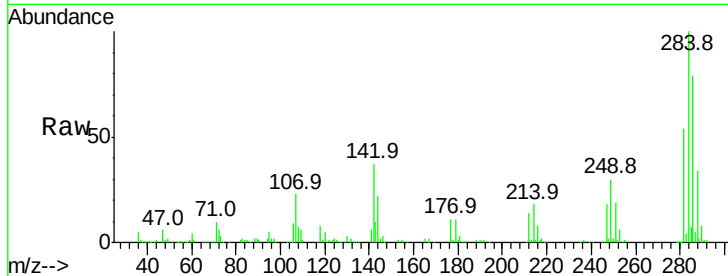




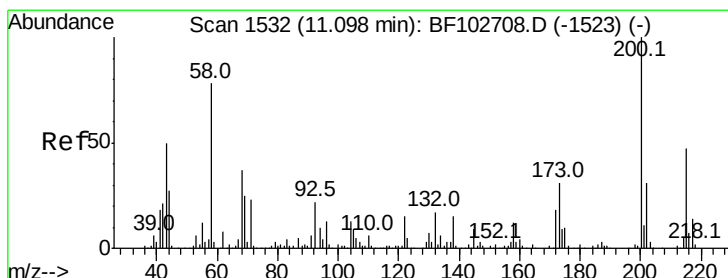
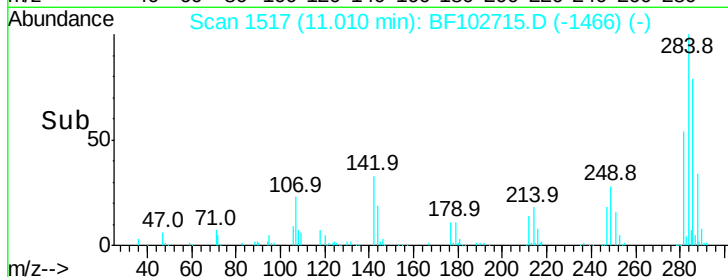
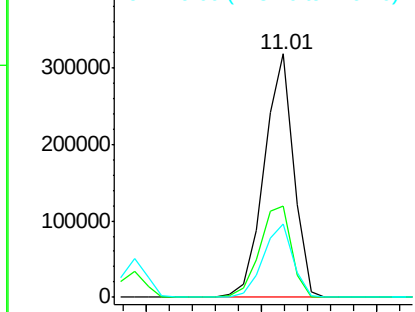
#67
Hexachlorobenzene
Concen: 40.617 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 281434
Ion Ratio Lower Upper
284 100
142 37.4 34.6 52.0
249 30.1 24.8 37.2

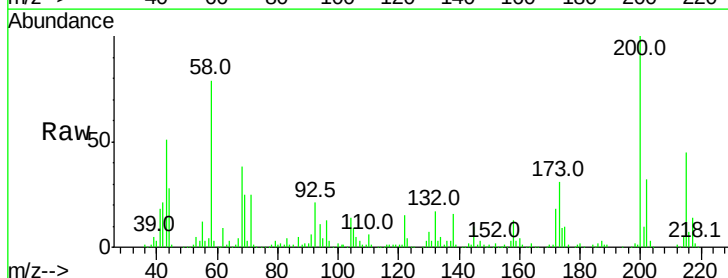


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

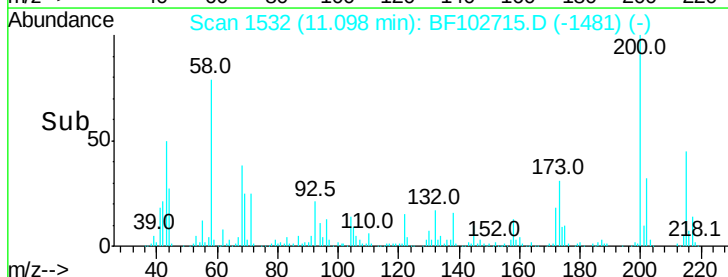
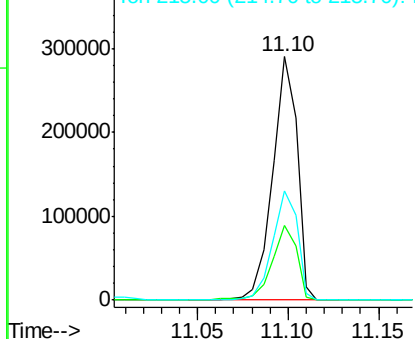


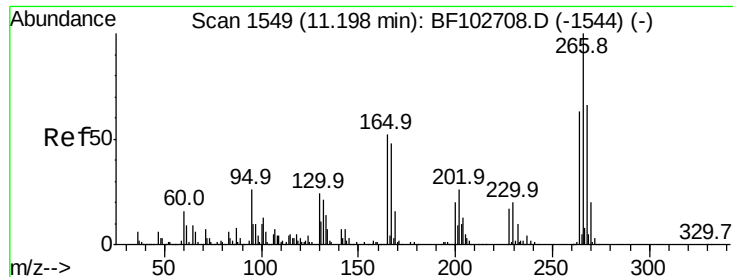
#68
Atrazine
Concen: 43.991 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion:200 Resp: 271802
Ion Ratio Lower Upper
200 100
173 30.7 8.6 48.6
215 44.9 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

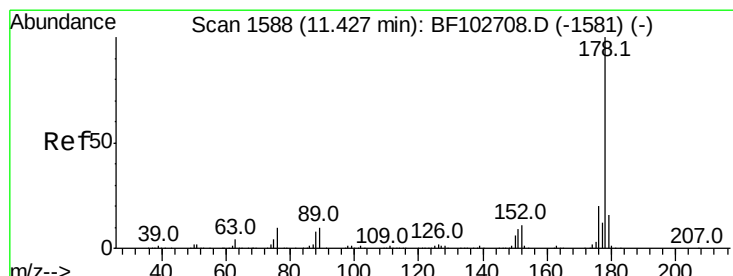
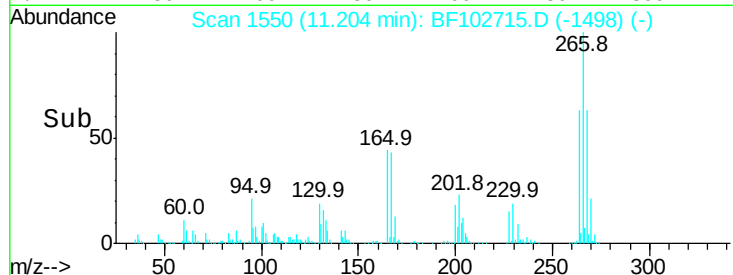
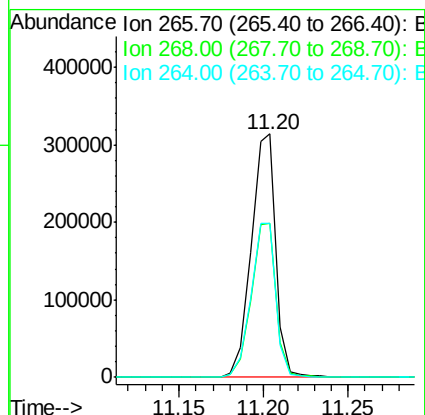
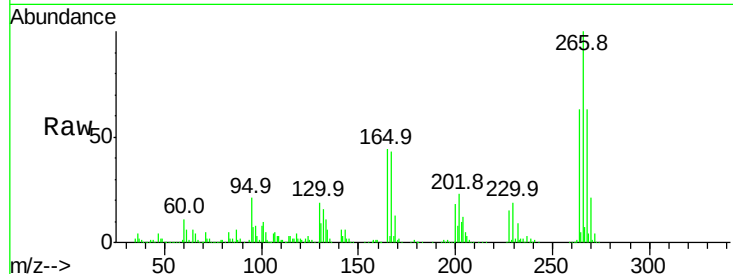




#69
 Pentachlorophenol
 Concen: 78.782 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

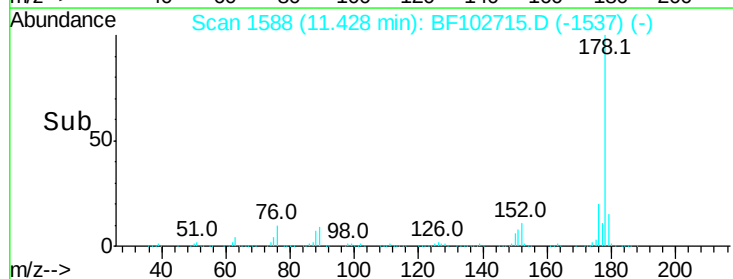
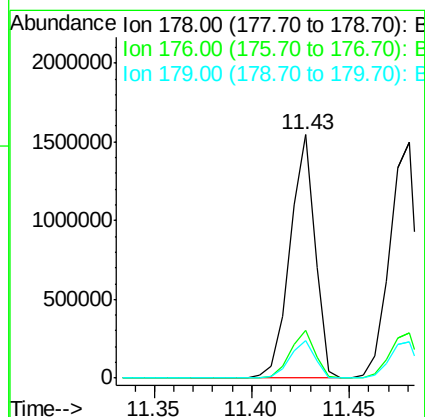
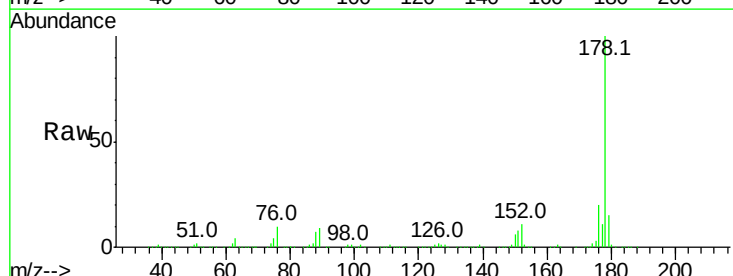
Instrument :
 BNA_F
 ClientSampleId :

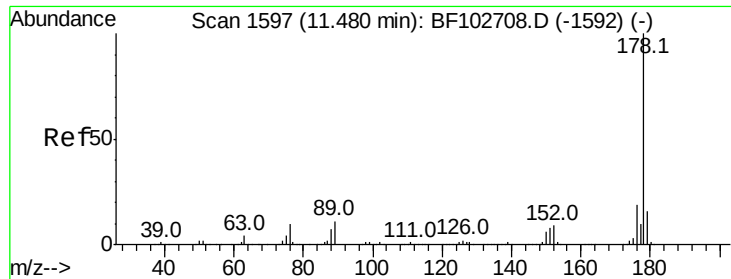
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	63.2	49.5	74.3



#70
 Phenanthrene
 Concen: 41.484 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	13.0	19.6





#71

Anthracene

Concen: 42.277 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

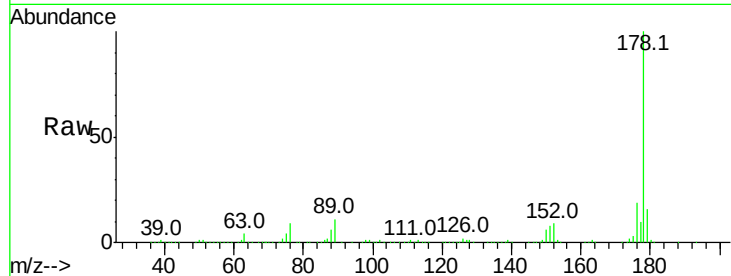
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1421952

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0

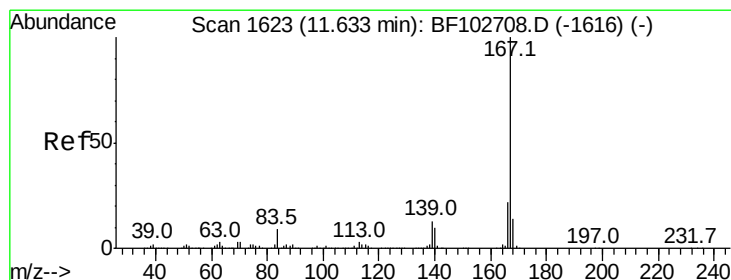
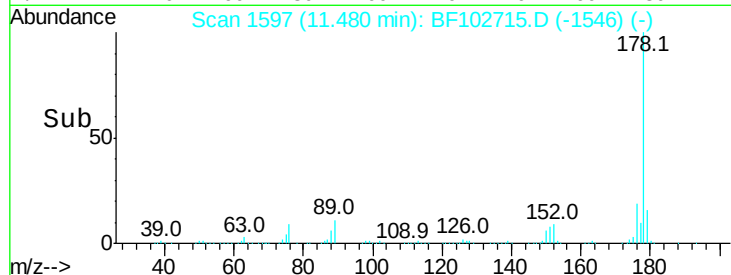
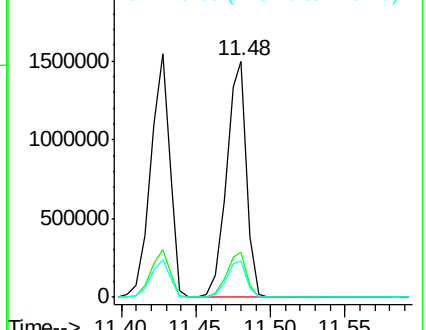


Abundance

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: 41.404 ng

RT: 11.63 min Scan# 1622

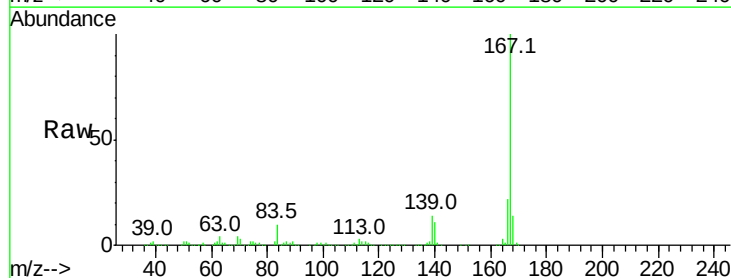
Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion:167 Resp: 1364296

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	14.0	10.9	16.3

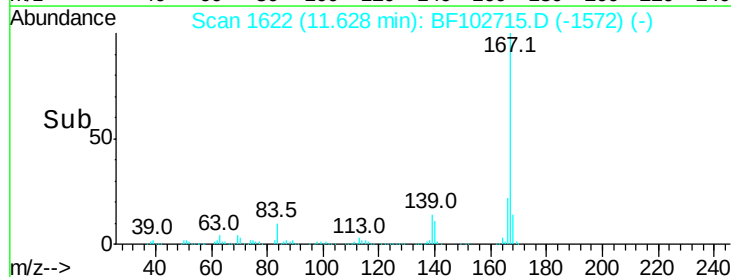
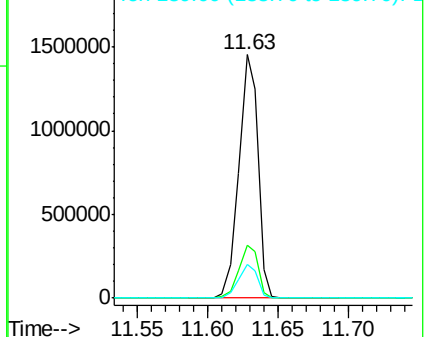


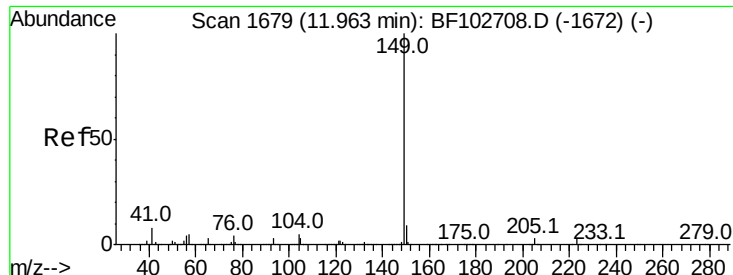
Abundance

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: 44.523 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampled :

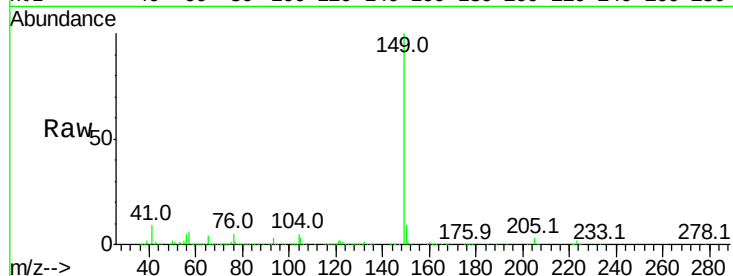
Tot Ion:149 Resp: 1782107

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

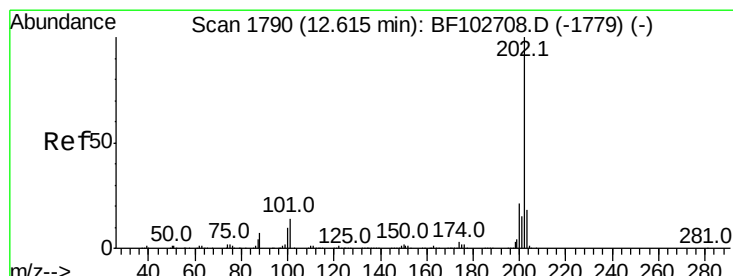
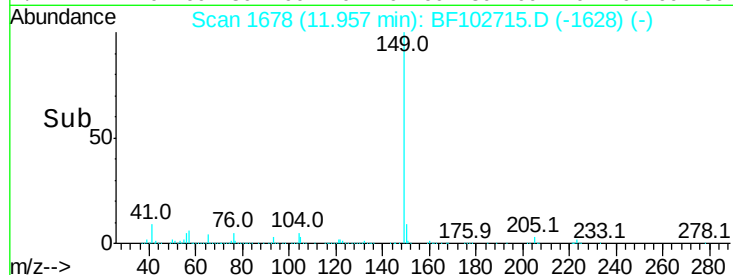
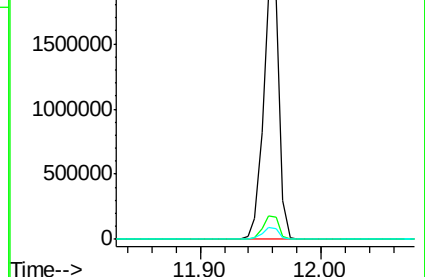
104 5.0 3.8 5.8



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: 42.852 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

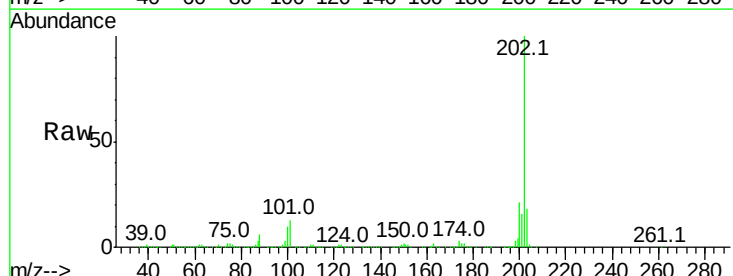
Tgt Ion:202 Resp: 1425732

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

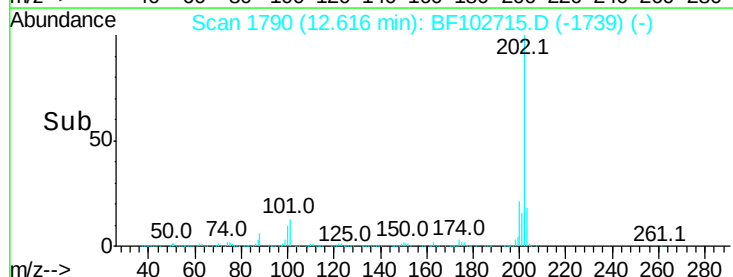
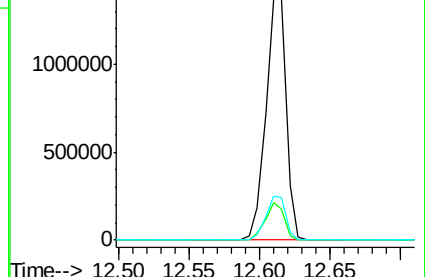
203 17.6 0.0 38.1

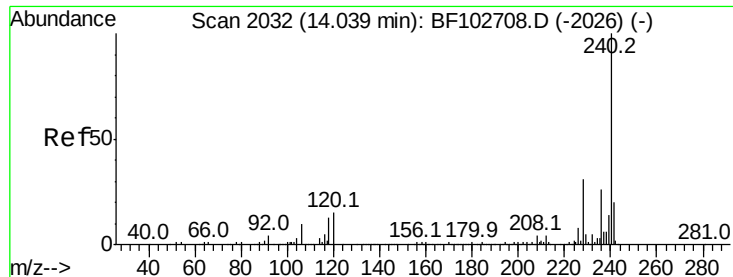


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

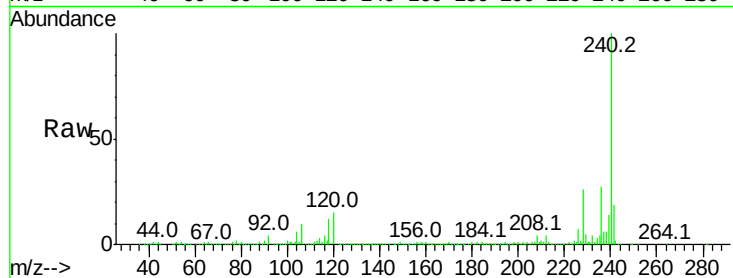
Tot Ion:240 Resp: 487027

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

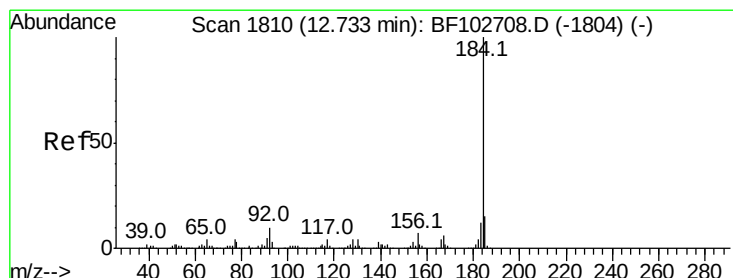
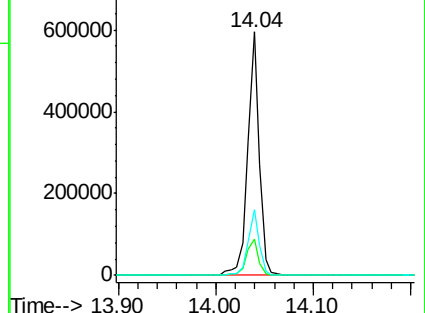
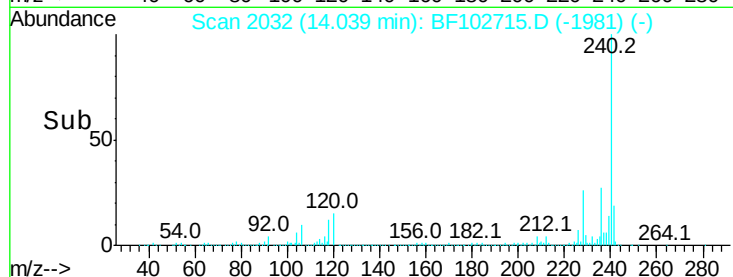
236 27.0 20.7 31.1



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: 22.658 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

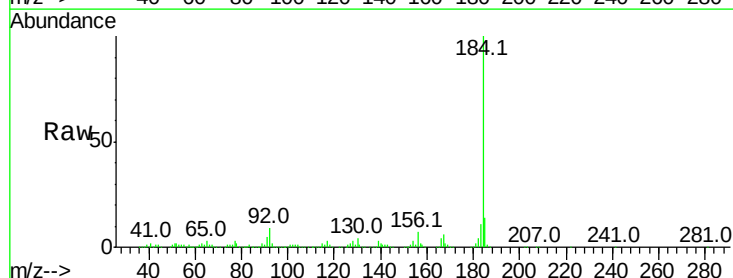
Tgt Ion:184 Resp: 507167

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

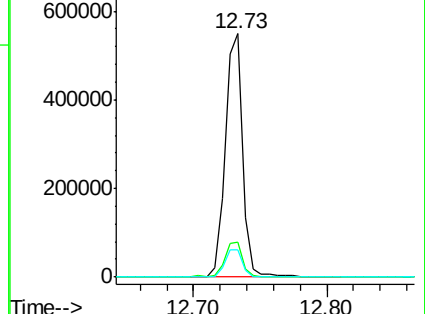
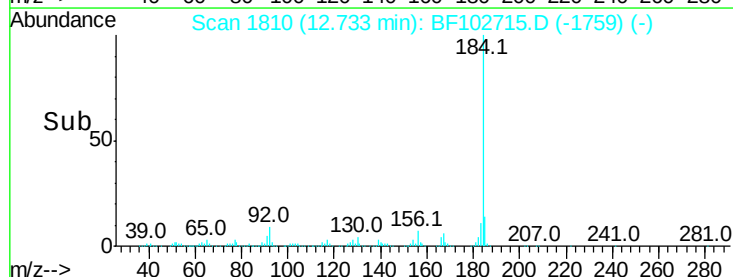
183 11.4 9.3 13.9

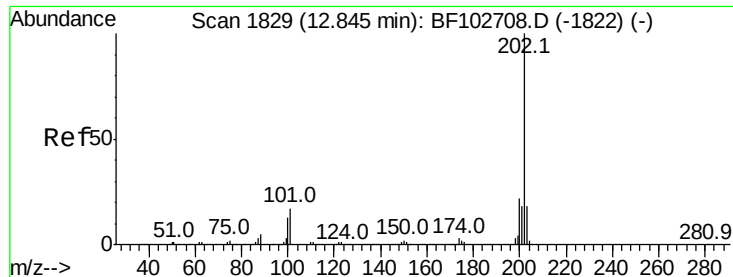


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.335 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

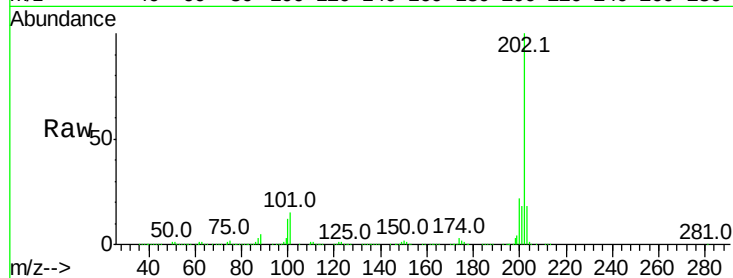
Tot Ion:202 Resp: 1464024

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

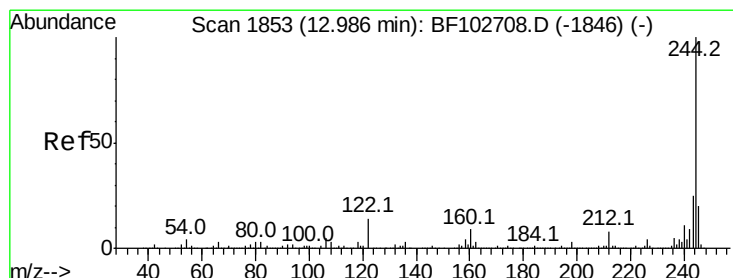
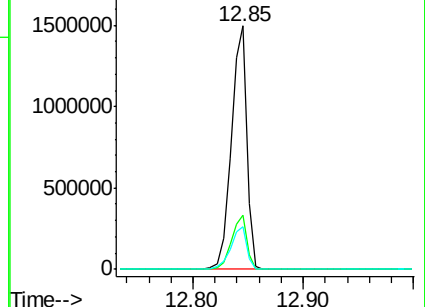
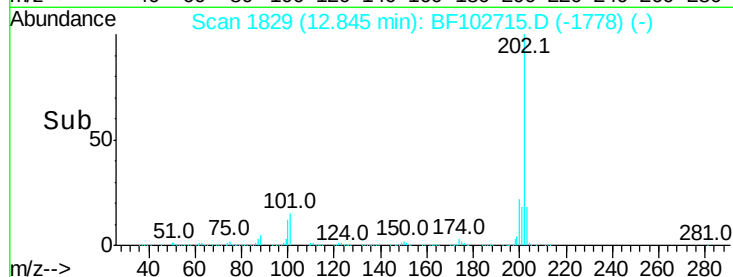
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.638 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

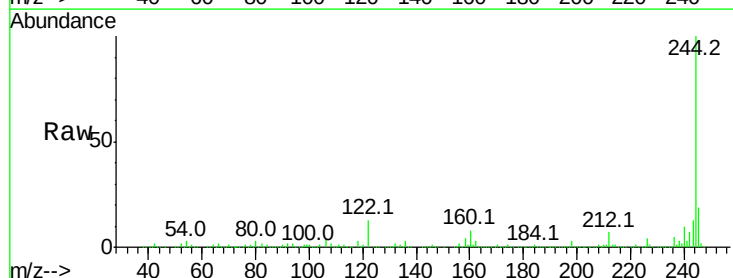
Tgt Ion:244 Resp: 1720351

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

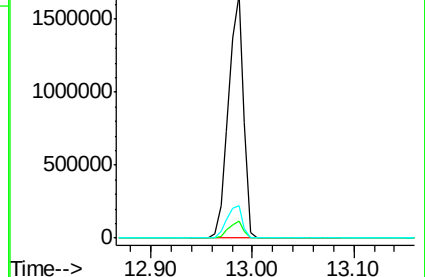
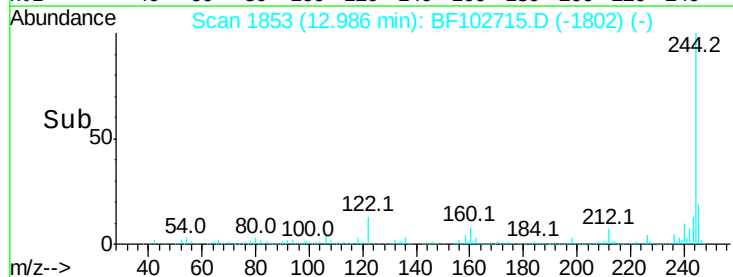
122 13.2 11.0 16.4

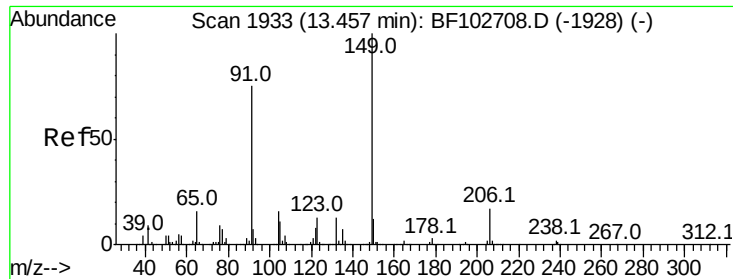


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

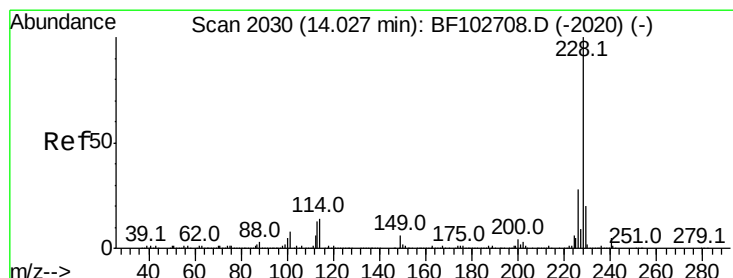
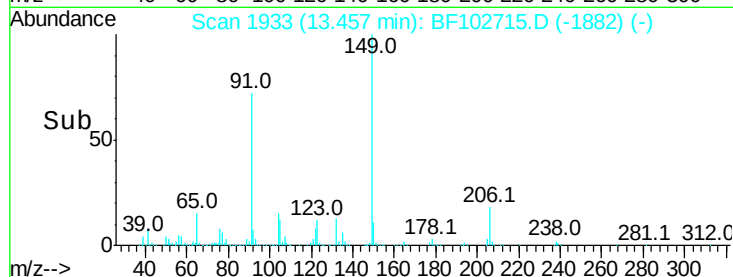
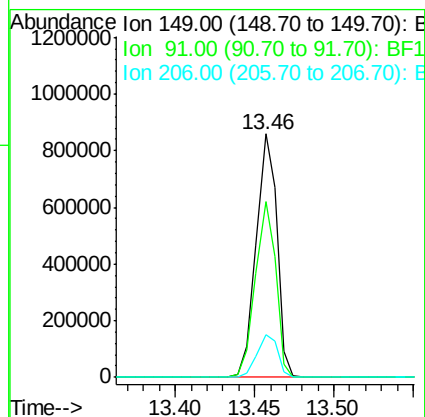
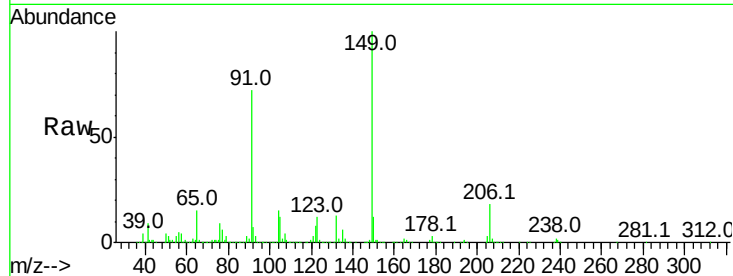




#79
Butylbenzylphthalate
Concen: 42.973 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

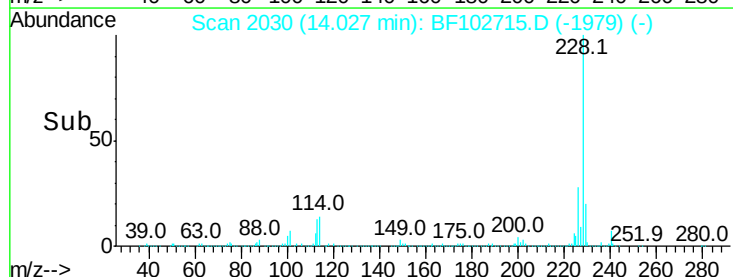
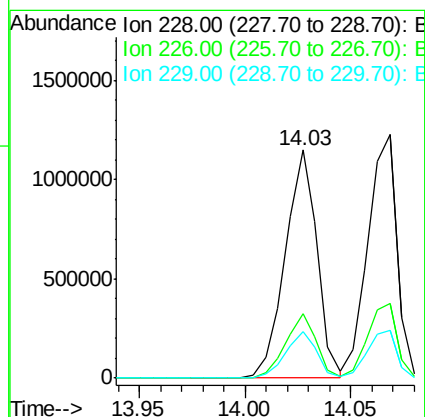
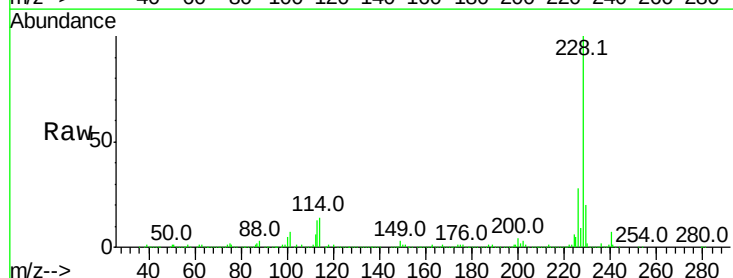
Instrument :
BNA_F
ClientSampled :

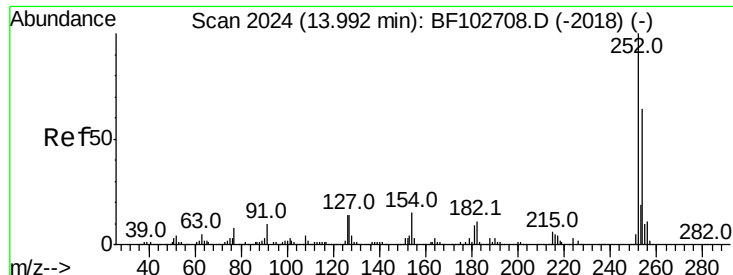
Tot Ion:149 Resp: 783029
Ion Ratio Lower Upper
149 100
91 72.1 56.8 85.2
206 17.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.406 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion:228 Resp: 1206984
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.3 15.8 23.6

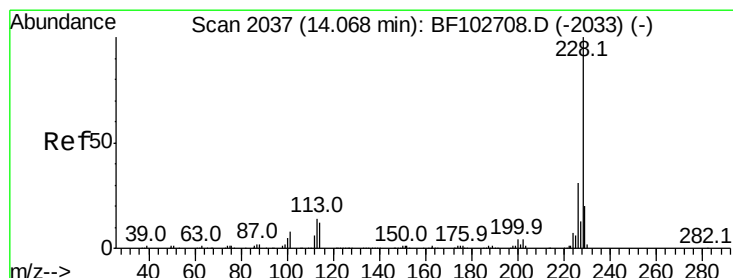
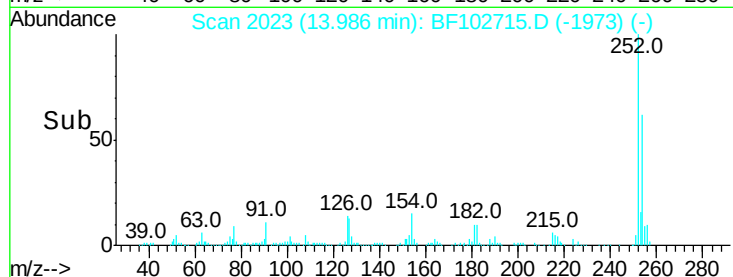
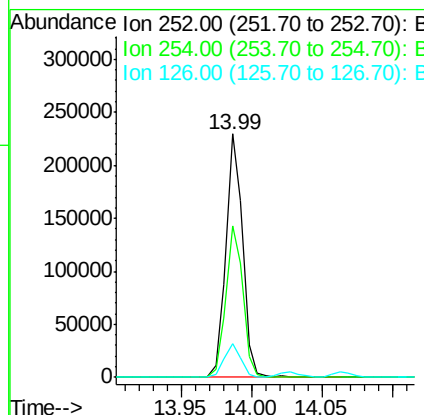
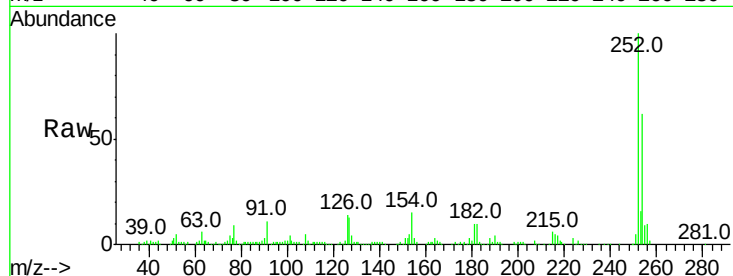




#81
 3,3'-Dichlorobenzidine
 Concen: 16.680 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

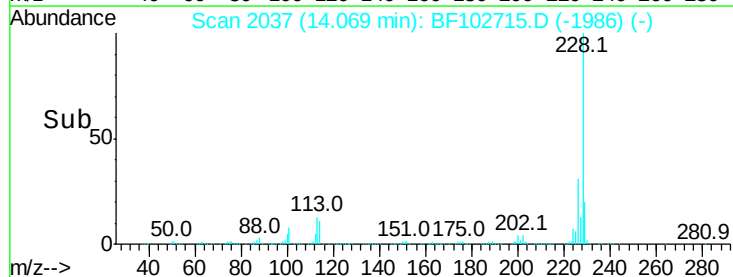
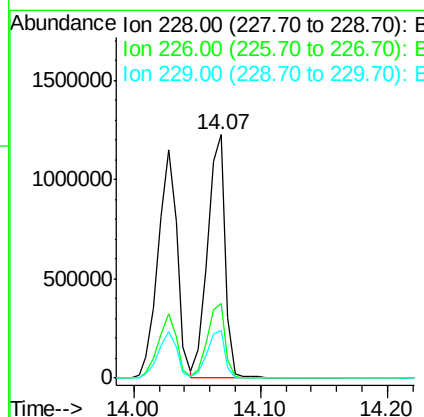
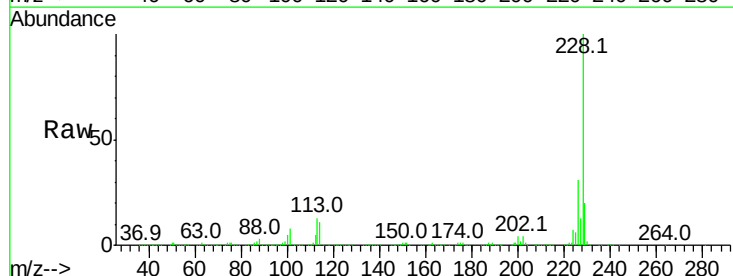
Instrument :
 BNA_F
 ClientSampleId :

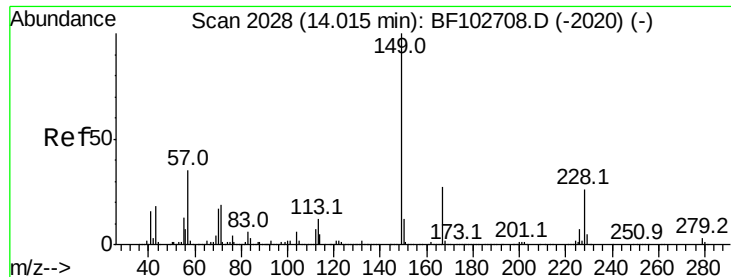
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.0	50.4	75.6
126	14.1	11.3	16.9



#82
 Chrysene
 Concen: 38.570 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.7	16.2	24.4

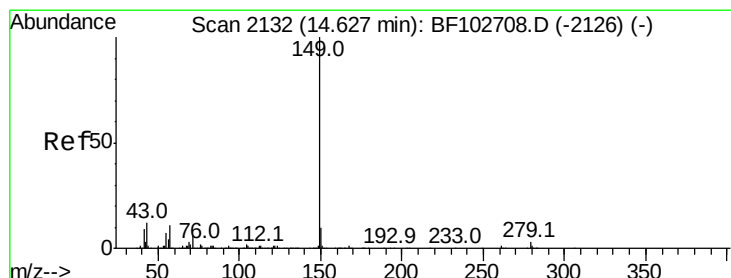
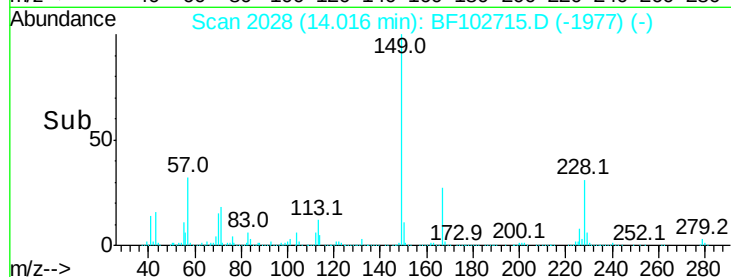
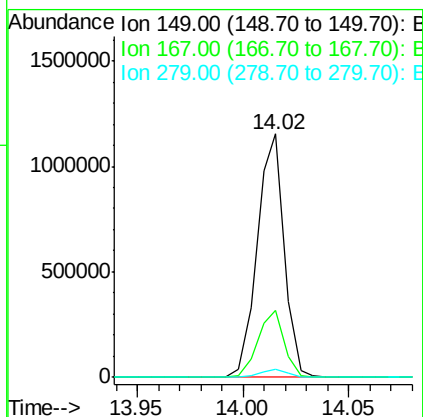
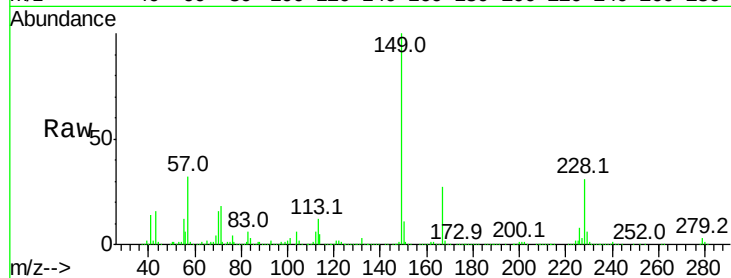




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.760 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

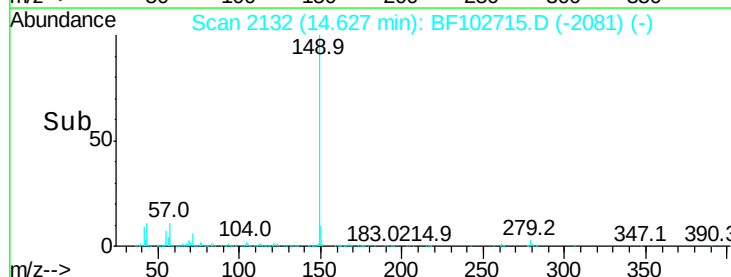
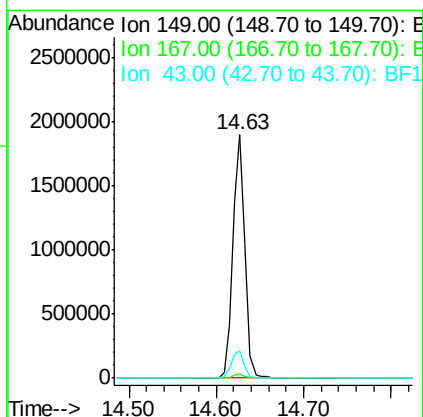
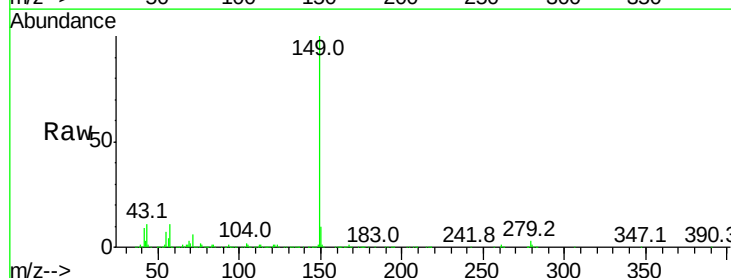
Instrument :
 BNA_F
 ClientSampleId :

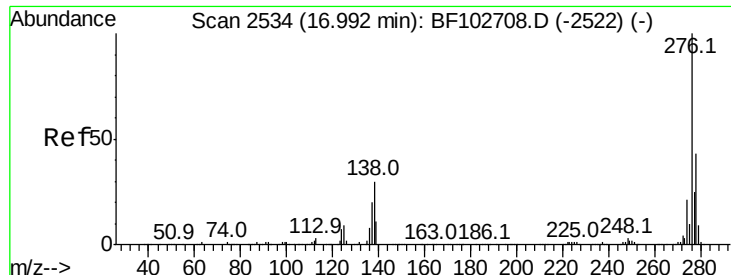
Tot Ion:149 Resp: 1023782
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 50.478 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion:149 Resp: 1773206
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.7 8.4 12.6

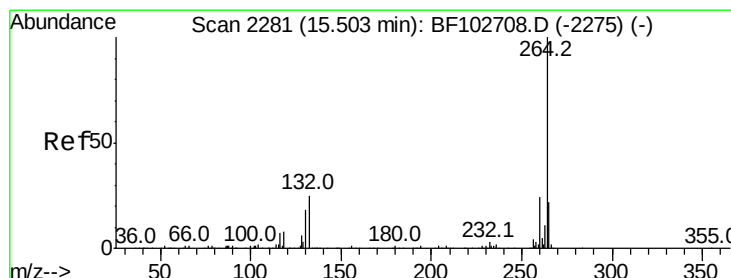
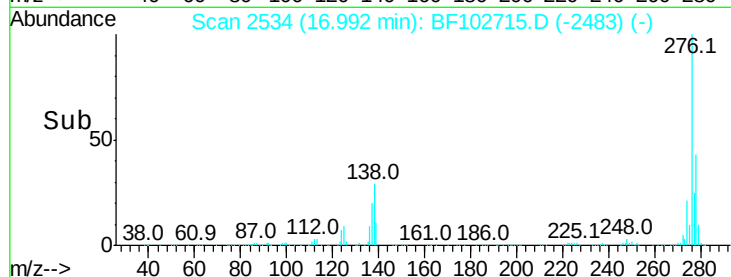
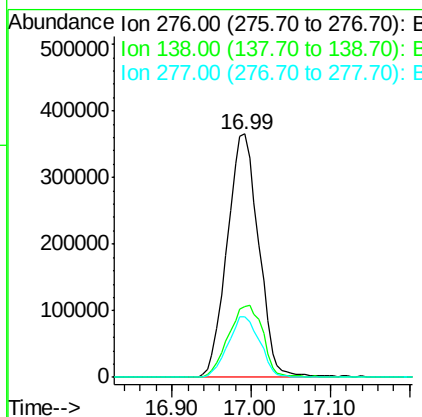
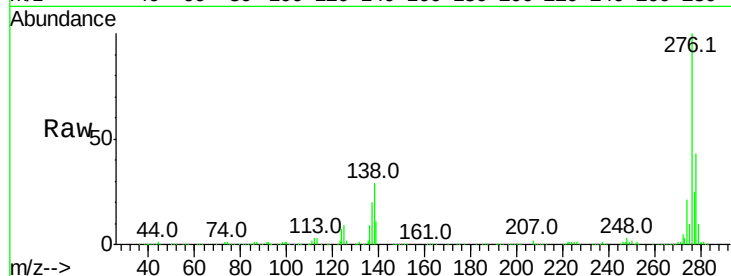




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.418 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

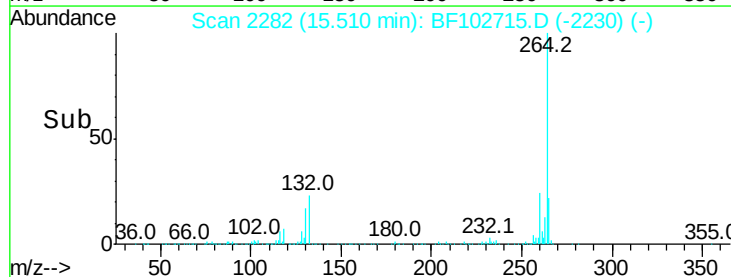
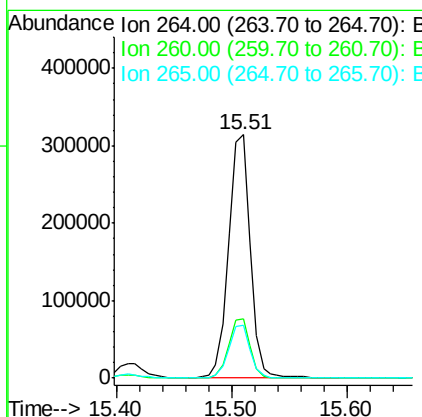
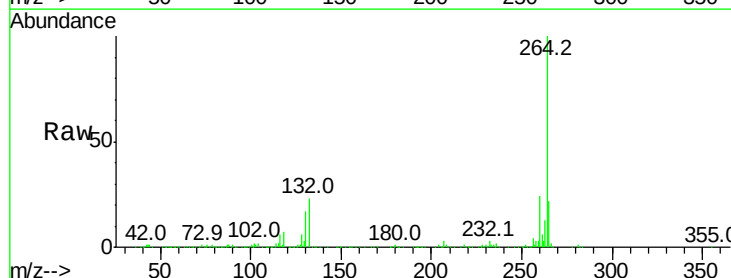
Instrument :
 BNA_F
 ClientSampleId :

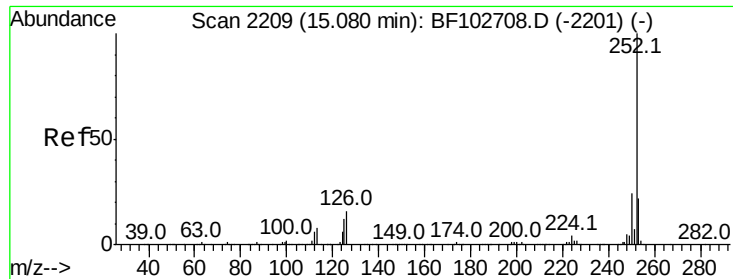
Tot Ion:276 Resp: 1009404
 Ion Ratio Lower Upper
 276 100
 138 32.2 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion:264 Resp: 407013
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.5 17.5 26.3

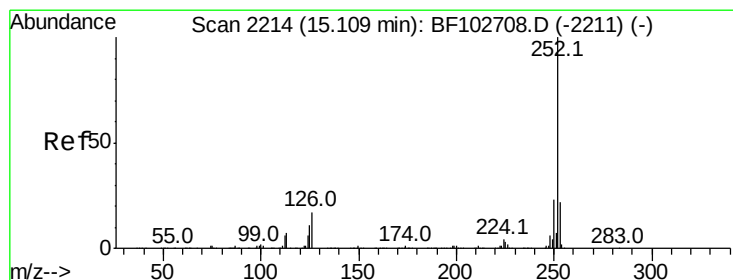
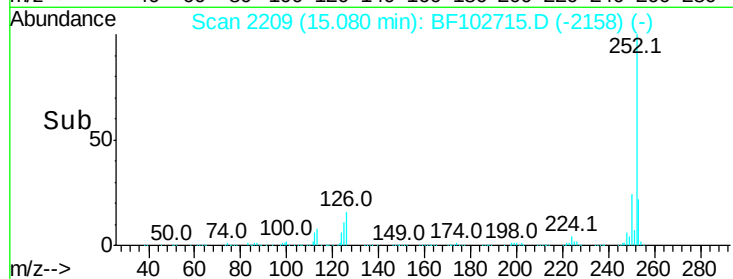
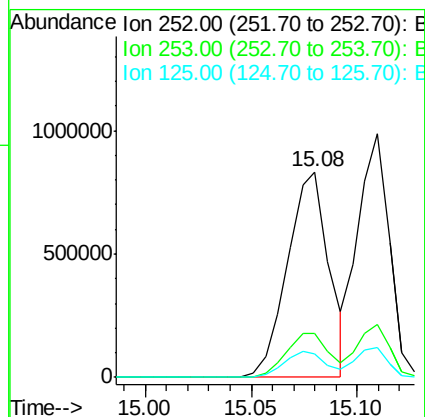
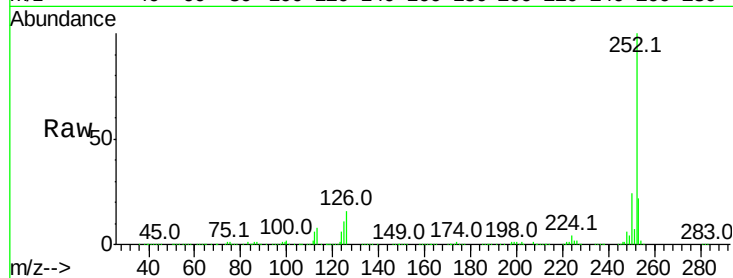




#87
Benzo(b)fluoranthene
Concen: 43.319 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

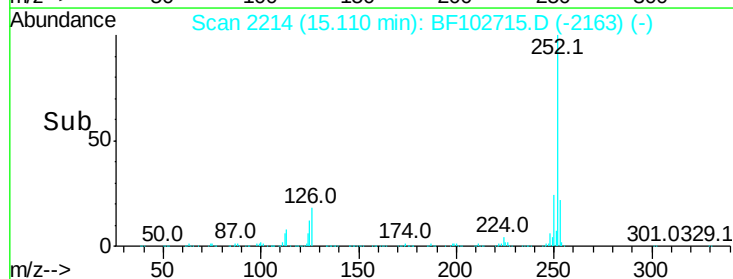
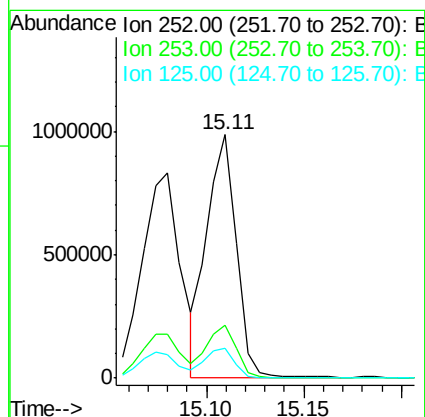
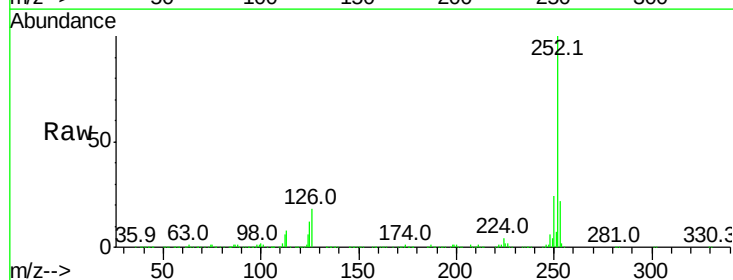
Instrument :
BNA_F
ClientSampleId :

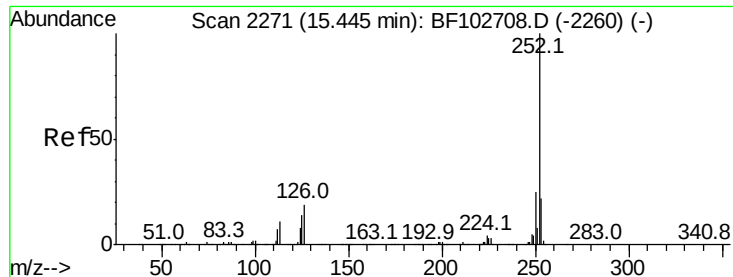
Tot Ion:252 Resp: 1143099
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.868 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion:252 Resp: 1030426
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.790 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampled :

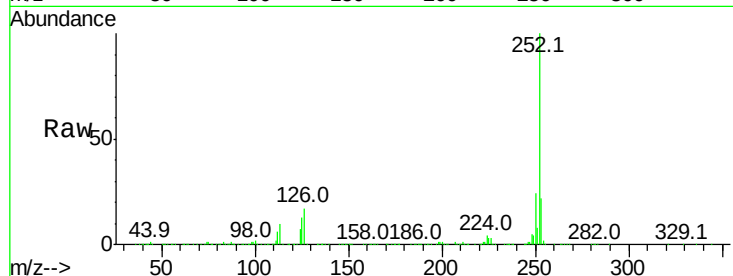
Tot Ion:252 Resp: 1016364

Ion Ratio Lower Upper

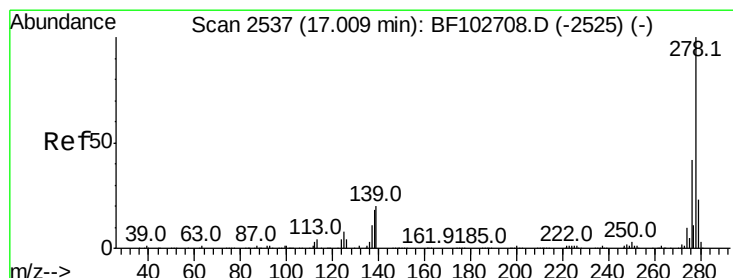
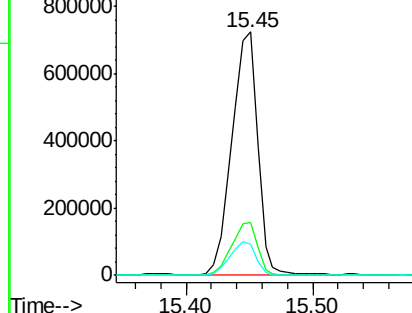
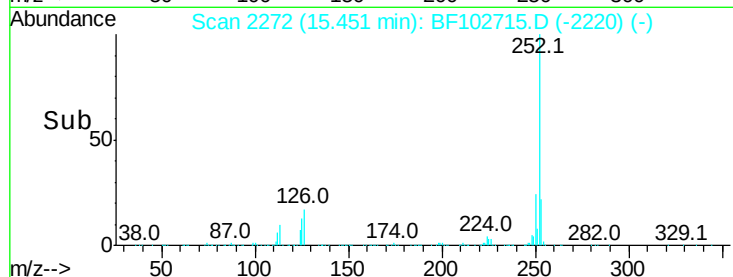
252 100

253 21.9 17.1 25.7

125 13.0 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: 43.264 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

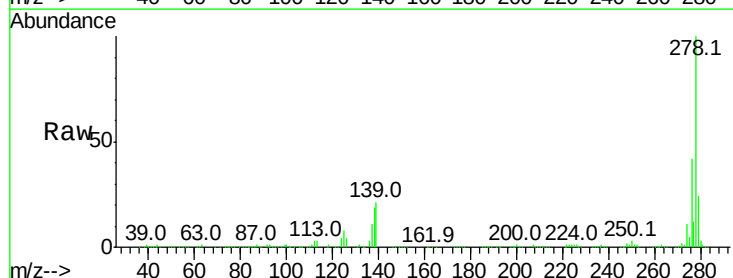
Tgt Ion:278 Resp: 834095

Ion Ratio Lower Upper

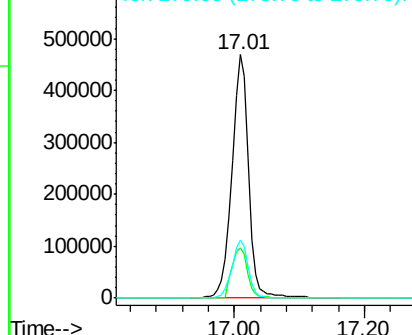
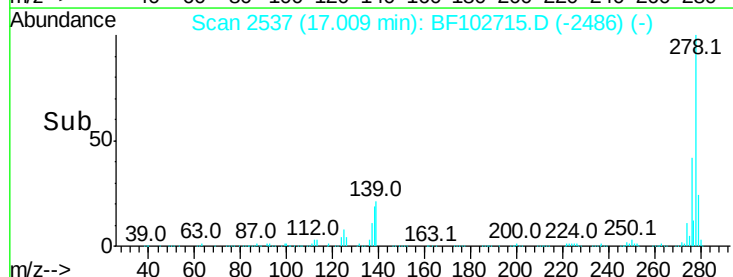
278 100

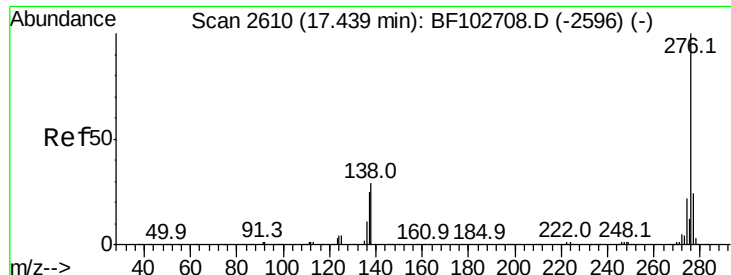
139 20.5 15.9 23.9

279 23.7 19.0 28.4



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

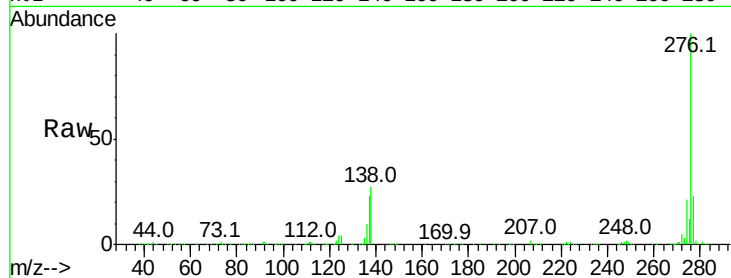




#91
 Benzo(a,h,i)perylene
 Concen: 44.875 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	26.8	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

