

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103015.D
 Acq On : 15 Feb 2018 14:04
 Operator : SJ/JU
 Sample : PB106541BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106541BS

Quant Time: Feb 15 14:38:53 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	163419	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	712804	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	335817	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	606249	20.00	ng	0.00
75) Chrysene-d12	14.05	240	450903	20.00	ng	0.00
86) Perylene-d12	15.53	264	423665	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1311127	121.84	ng	0.01
7) Phenol-d6	6.51	99	1605534	123.92	ng	0.00
23) Nitrobenzene-d5	7.45	82	1033618	100.59	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	360089	133.22	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1690044	83.51	ng	0.00
78) Terphenyl-d14	12.99	244	1608541	84.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	203075	38.208	ng	87
3) Pyridine	3.49	79	593458	40.414	ng	90
4) n-Nitrosodimethylamine	3.45	42	283460	45.117	ng	98
6) Aniline	6.54	93	483943	25.292	ng	96
8) 2-Chlorophenol	6.66	128	498104	44.962	ng	93
9) Benzaldehyde	6.43	77	121459	12.623	ng	99
10) Phenol	6.53	94	642434	46.267	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	491975	42.580	ng	93
12) 1,3-Dichlorobenzene	6.82	146	522349	40.717	ng	98
13) 1,4-Dichlorobenzene	6.89	146	526450	41.196	ng	99
14) 1,2-Dichlorobenzene	7.05	146	478939	40.237	ng	99
15) Benzyl Alcohol	7.02	79	445192	44.692	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	871551	39.709	ng	99
17) 2-Methylphenol	7.13	107	439703	43.029	ng	99
18) Hexachloroethane	7.39	117	194991	44.496	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	339198	39.707	ng	97
20) 3+4-Methylphenols	7.28	107	501746	39.816	ng	# 81
22) Acetophenone	7.29	105	667912	38.291	ng	# 90
24) Nitrobenzene	7.46	77	553264	45.776	ng	98
25) Isophorone	7.70	82	1033470	43.679	ng	99
26) 2-Nitrophenol	7.77	139	289851	56.499	ng	96
27) 2,4-Dimethylphenol	7.81	122	482421	48.261	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	635911	45.370	ng	99
29) 2,4-Dichlorophenol	8.02	162	423765	46.634	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	413487	40.222	ng	96
31) Naphthalene	8.18	128	1422110	40.835	ng	99
32) Benzoic acid	7.94	122	289585	42.927	ng	95
33) 4-Chloroaniline	8.23	127	177352	11.821	ng	99
34) Hexachlorobutadiene	8.29	225	206224	39.149	ng	98
35) Caprolactam	8.65	113	65843	20.864	ng	92
36) 4-Chloro-3-methylphenol	8.72	107	487264	47.724	ng	98
37) 2-Methylnaphthalene	8.87	142	958732	42.048	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	363599	39.765	ng	98
40) Hexachlorocyclopentadiene	9.02	237	306136	70.429	ng	99

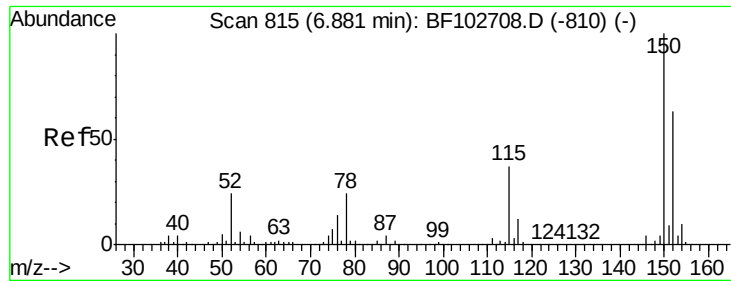
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103015.D
 Acq On : 15 Feb 2018 14:04
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	273155	45.482	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	292819	43.258	ng	96
45) 1,1'-Biphenyl	9.34	154	1104077	39.034	ng	100
46) 2-Chloronaphthalene	9.36	162	888930	39.920	ng	100
47) 2-Nitroaniline	9.46	65	343729	49.877	ng	93
48) Acenaphthylene	9.78	152	1366063	39.498	ng	99
49) Dimethylphthalate	9.64	163	1089421	41.606	ng	99
50) 2,6-Dinitrotoluene	9.70	165	250923	50.370	ng	96
51) Acenaphthene	9.95	154	801309	38.742	ng	98
52) 3-Nitroaniline	9.87	138	151500	24.716	ng	99
53) 2,4-Dinitrophenol	9.98	184	179489	94.767	ng	# 19
54) Dibenzofuran	10.13	168	1196411	41.045	ng	98
55) 4-Nitrophenol	10.04	139	429131	84.931	ng	91
56) 2,4-Dinitrotoluene	10.11	165	331698	49.542	ng	96
57) Fluorene	10.47	166	917117	43.244	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	224769	47.909	ng	99
59) Diethylphthalate	10.34	149	1060117	41.003	ng	98
60) 4-Chlorophenyl-phenylether	10.46	204	404406	43.106	ng	98
61) 4-Nitroaniline	10.49	138	293332	50.275	ng	94
62) Azobenzene	10.62	77	1072438	41.521	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	137727	52.754	ng	84
65) n-Nitrosodiphenylamine	10.58	169	860926	40.260	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	256811	40.045	ng	97
67) Hexachlorobenzene	11.02	284	279854	39.557	ng	96
68) Atrazine	11.10	200	275362	43.649	ng	99
69) Pentachlorophenol	11.21	266	273526	65.862	ng	99
70) Phenanthrene	11.43	178	1353053	40.074	ng	99
71) Anthracene	11.49	178	1396551	40.667	ng	99
72) Carbazole	11.64	167	1354200	40.251	ng	98
73) Di-n-butylphthalate	11.96	149	1704171	41.699	ng	100
74) Fluoranthene	12.62	202	1413552	41.611	ng	99
76) Benzidine	12.74	184	536304	25.879	ng	98
77) Pyrene	12.85	202	1424227	40.280	ng	99
79) Butylbenzylphthalate	13.46	149	765982	45.348	ng	98
80) Benzo(a)anthracene	14.04	228	1247564	43.994	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	248088	23.595	ng	99
82) Chrysene	14.08	228	1153839	40.364	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1039396	47.987	ng	100
84) Di-n-octyl phthalate	14.63	149	1750593	53.827	ng	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1035810	43.689	ng	98
87) Benzo(b)fluoranthene	15.09	252	1188450	43.267	ng	96
88) Benzo(k)fluoranthene	15.13	252	1051795	40.076	ng	99
89) Benzo(a)pyrene	15.47	252	1057469	42.770	ng	# 96
90) Dibenzo(a,h)anthracene	17.05	278	859697	42.839	ng	99
91) Benzo(g,h,i)perylene	17.49	276	875554	44.575	ng	97

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

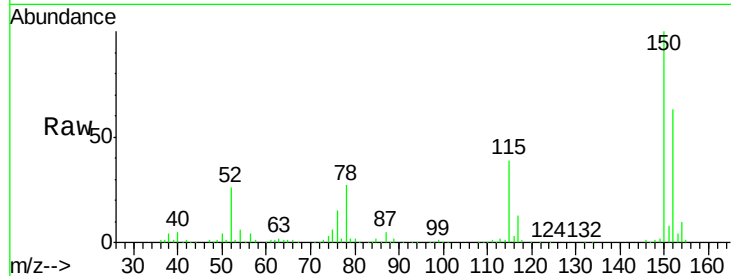


#1

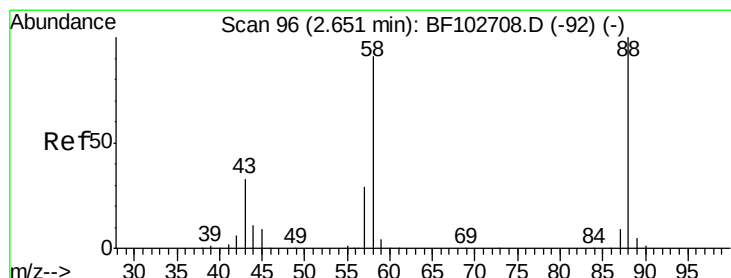
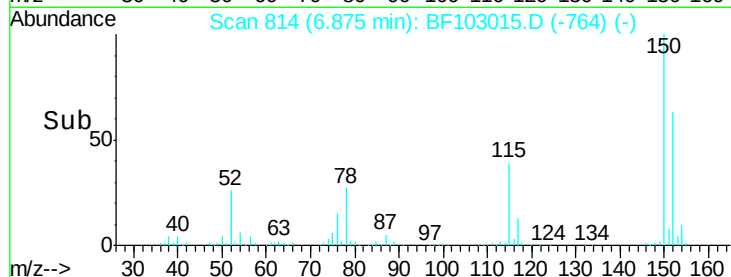
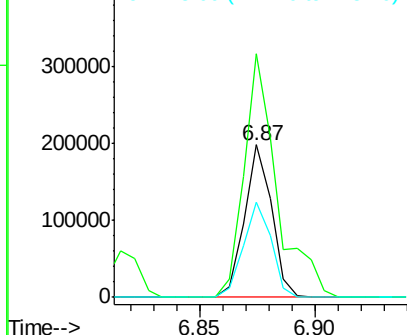
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB106541BS

Tgt Ion:152 Resp: 163419
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 62.7 50.1 75.1



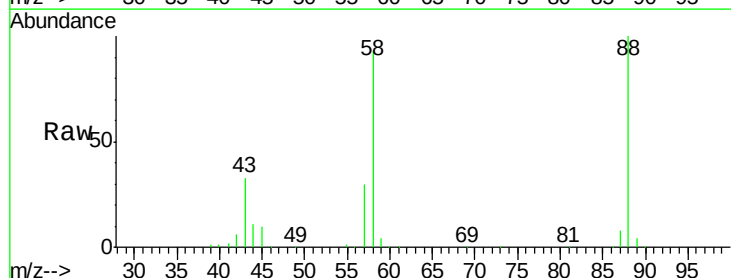
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



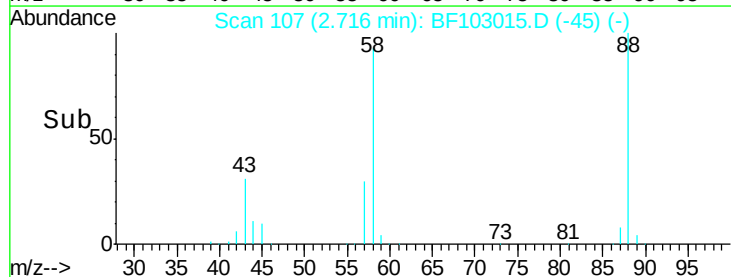
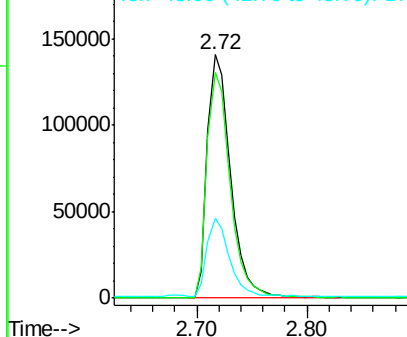
#2

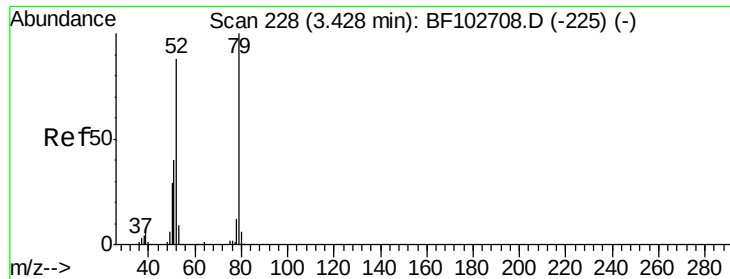
1,4-Dioxane
Concen: 38.208 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion: 88 Resp: 203075
Ion Ratio Lower Upper
88 100
58 93.2 62.6 93.8
43 31.1 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

Pyridine

Concen: 40.414 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

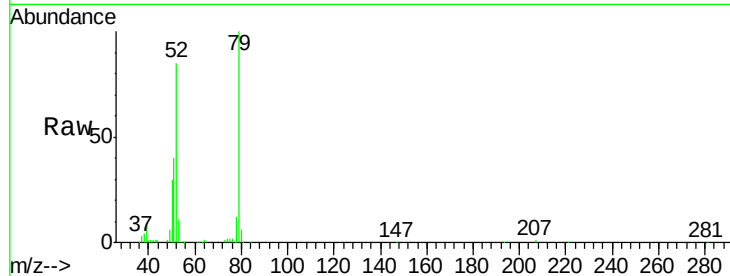
Tgt Ion: 79 Resp: 593458

Ion Ratio Lower Upper

79 100

52 84.9 59.8 89.6

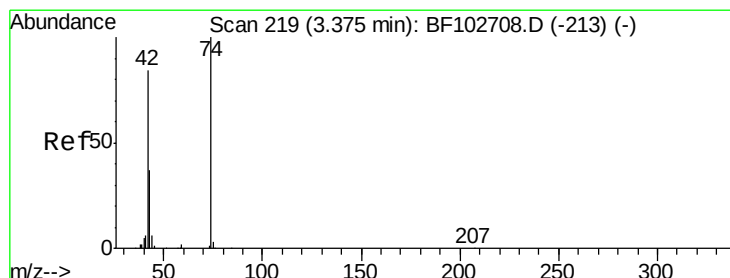
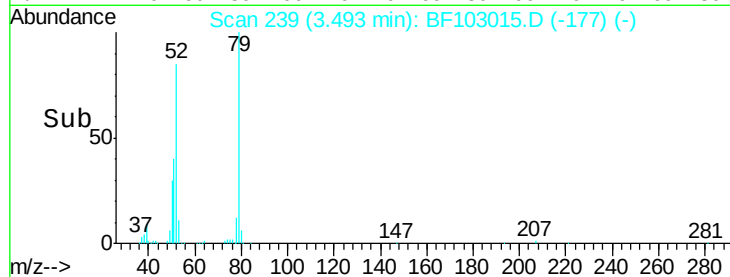
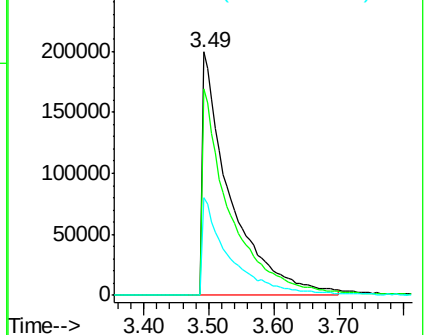
51 40.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.117 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

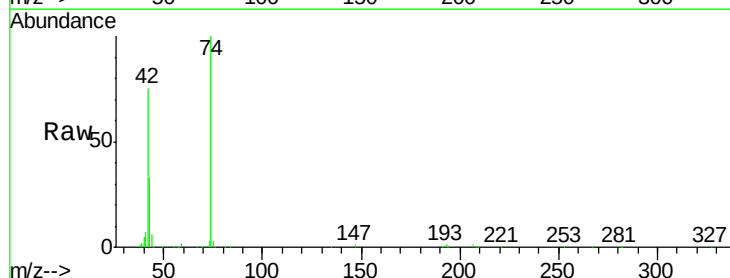
Tgt Ion: 42 Resp: 283460

Ion Ratio Lower Upper

42 100

74 133.2 104.9 157.3

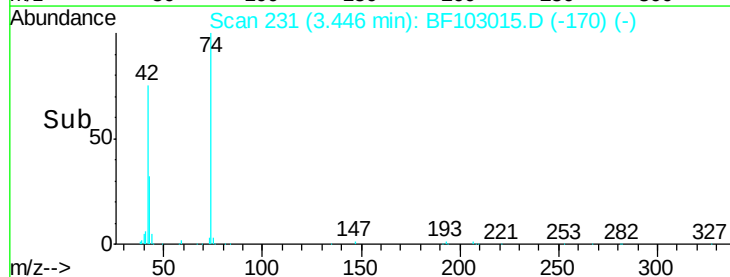
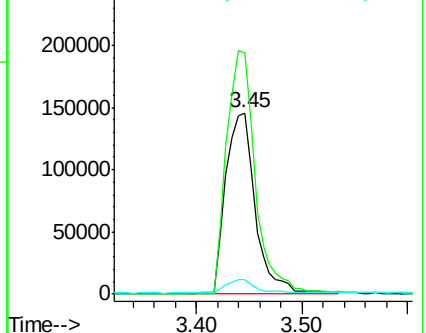
44 7.9 6.9 10.3

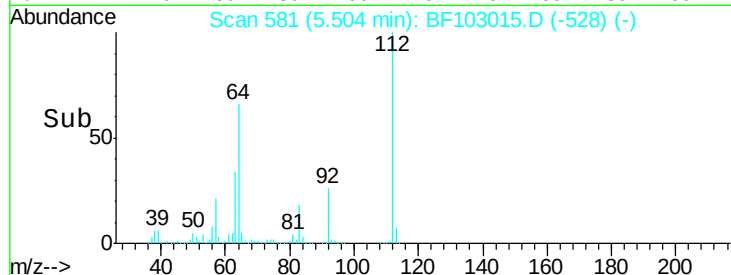
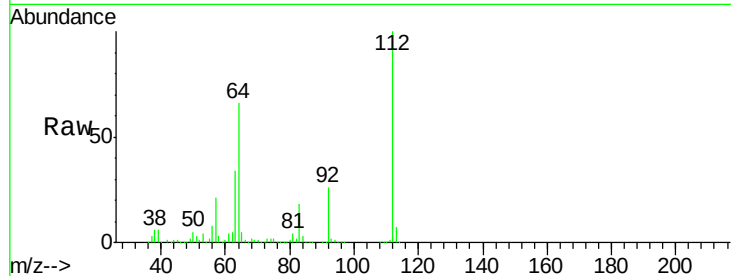
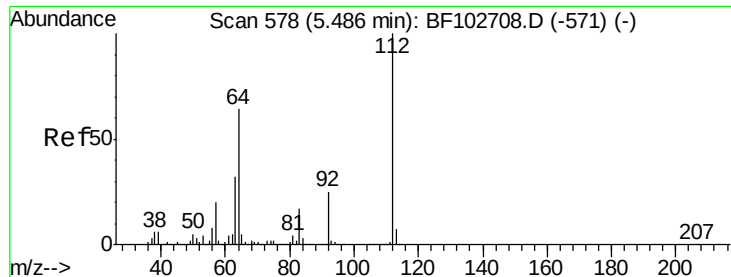


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.844 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

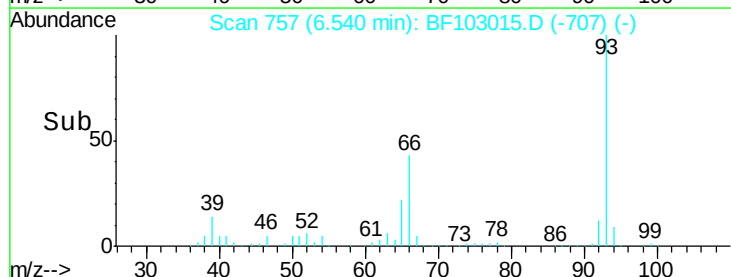
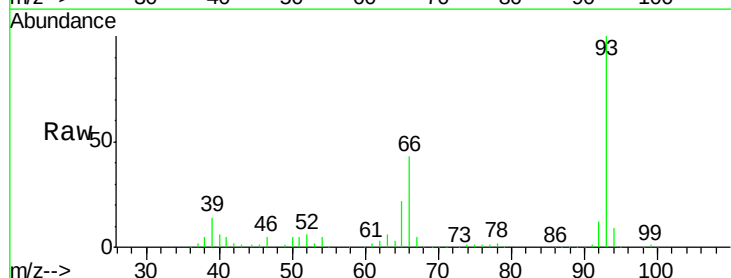
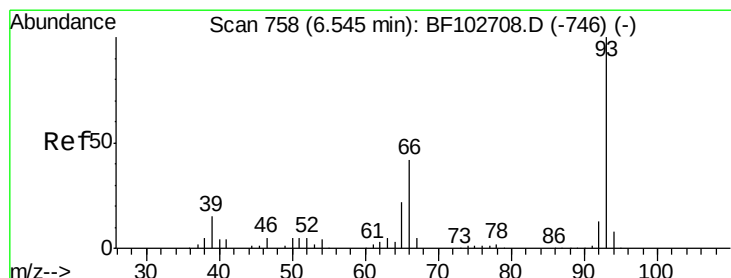
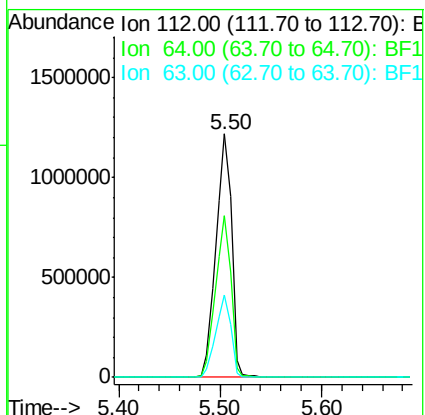
Tgt Ion:112 Resp: 1311127

Ion Ratio Lower Upper

112 100

64 66.4 47.9 71.9

63 33.8 23.7 35.5



#6

Aniline

Concen: 25.292 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

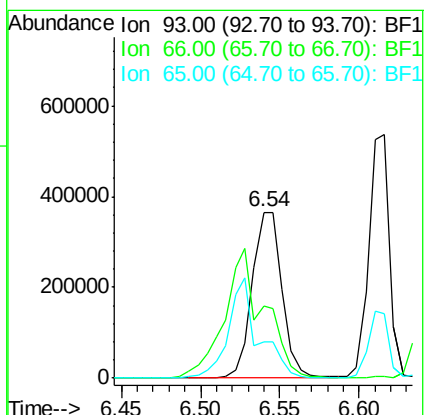
Tgt Ion: 93 Resp: 483943

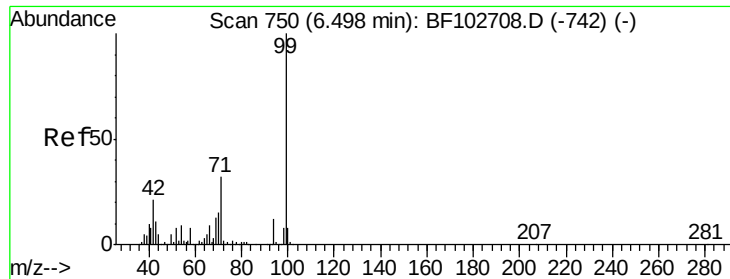
Ion Ratio Lower Upper

93 100

66 43.4 32.2 48.2

65 21.6 16.4 24.6





#7

Phenol-d6

Concen: 123.916 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

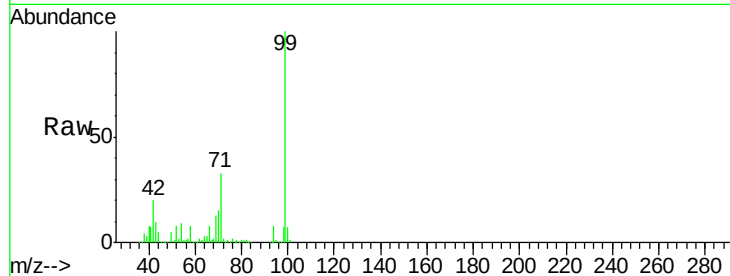
Tgt Ion: 99 Resp: 1605534

Ion Ratio Lower Upper

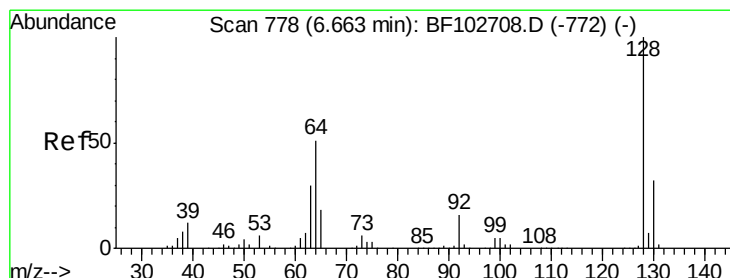
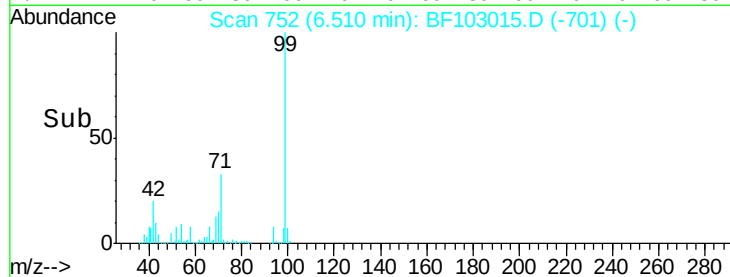
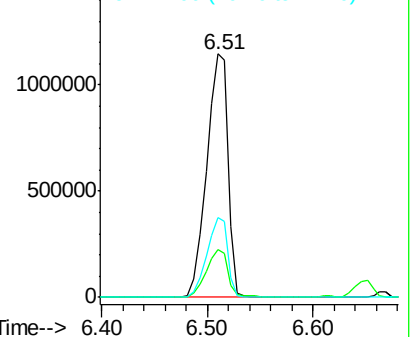
99 100

42 19.5 14.5 21.7

71 32.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.962 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

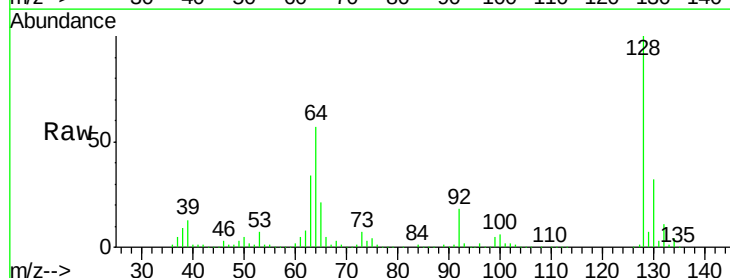
Tgt Ion: 128 Resp: 498104

Ion Ratio Lower Upper

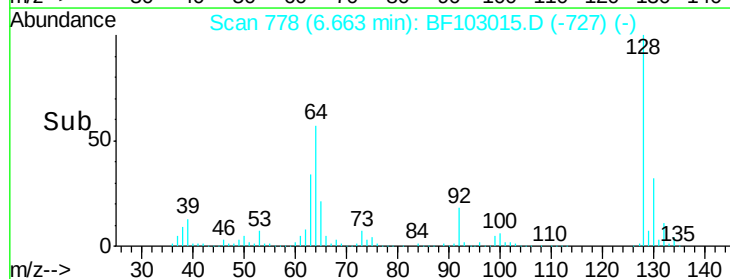
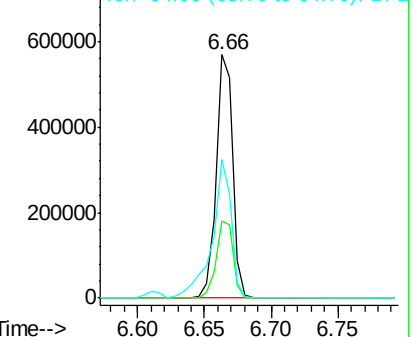
128 100

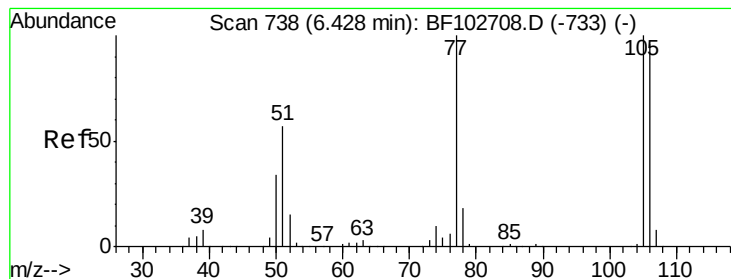
130 31.8 13.0 53.0

64 56.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 12.623 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

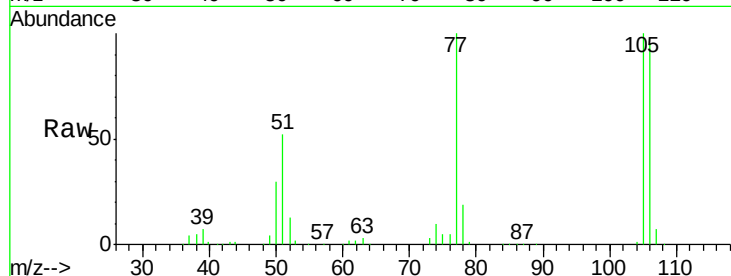
Tgt Ion: 77 Resp: 121459

Ion Ratio Lower Upper

77 100

105 100.3 81.1 121.1

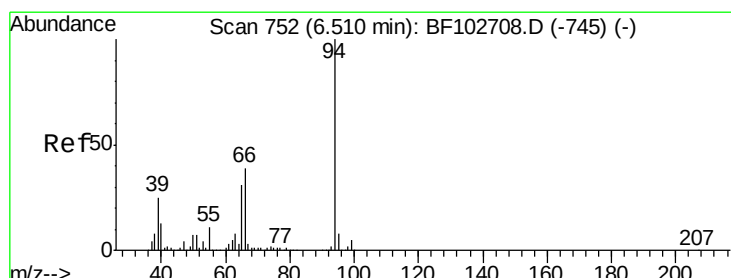
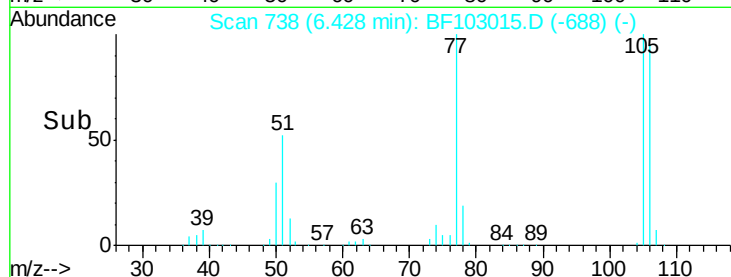
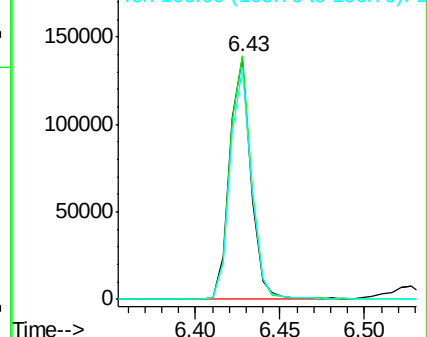
106 95.3 74.5 114.5



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: 46.267 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

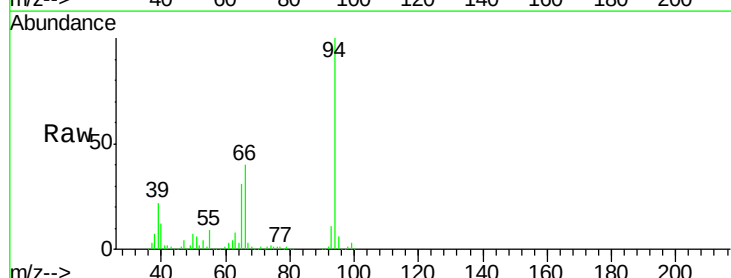
Tgt Ion: 94 Resp: 642434

Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

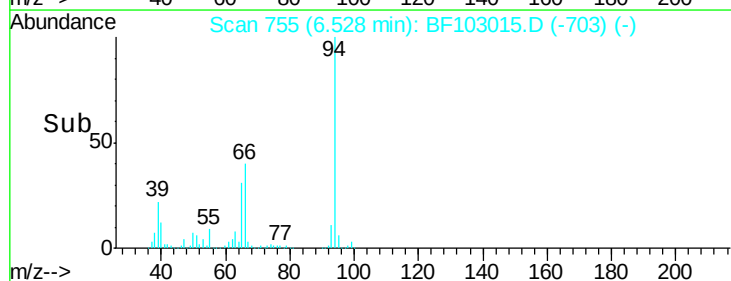
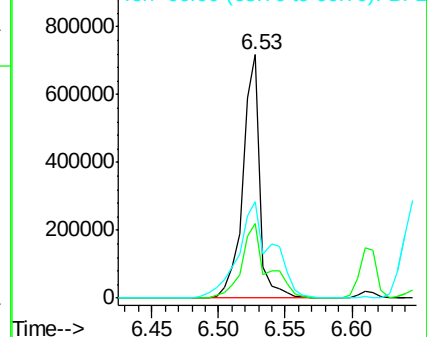
66 39.8 16.2 56.2

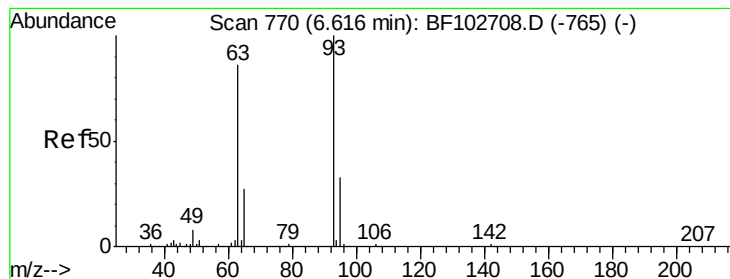


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.580 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

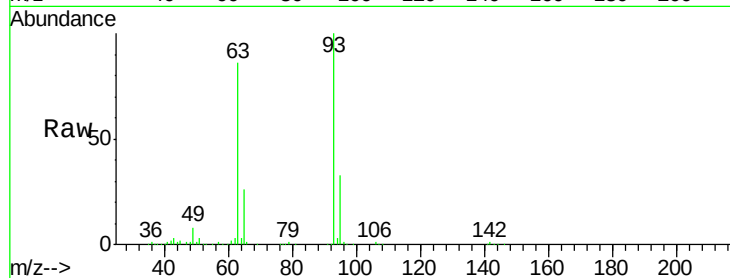
Tgt Ion: 93 Resp: 491975

Ion Ratio Lower Upper

93 100

63 86.4 58.6 98.6

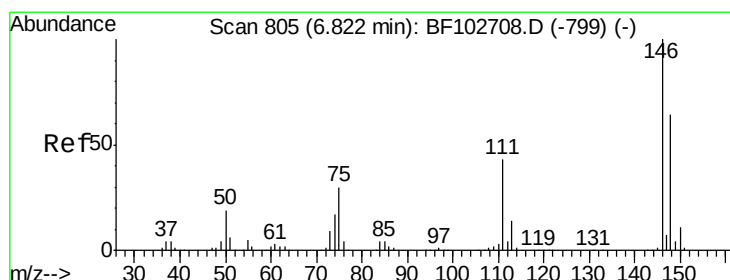
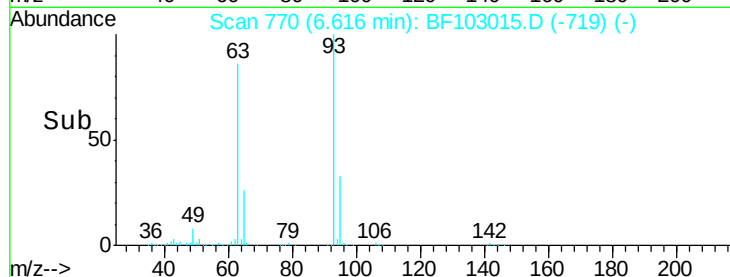
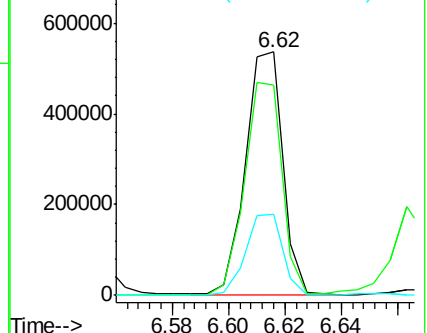
95 33.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.717 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

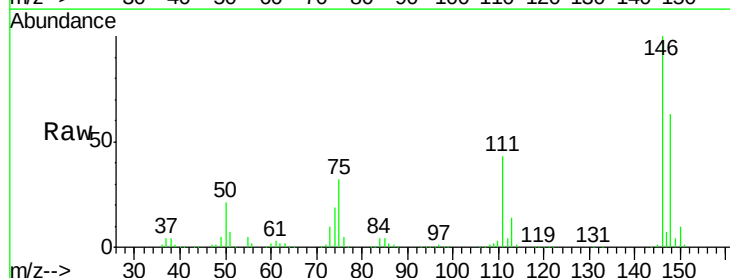
Tgt Ion: 146 Resp: 522349

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.8

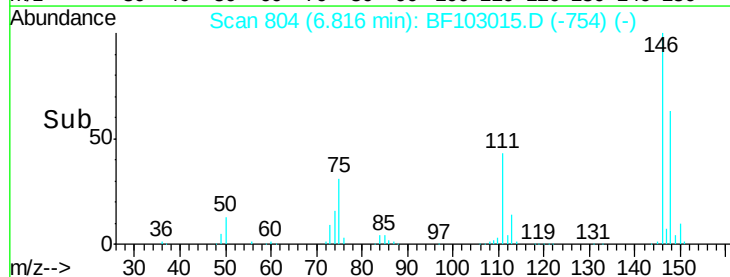
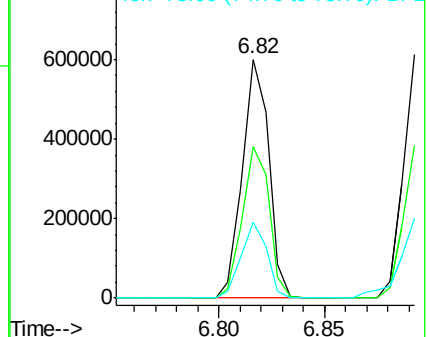
75 32.0 24.2 36.4

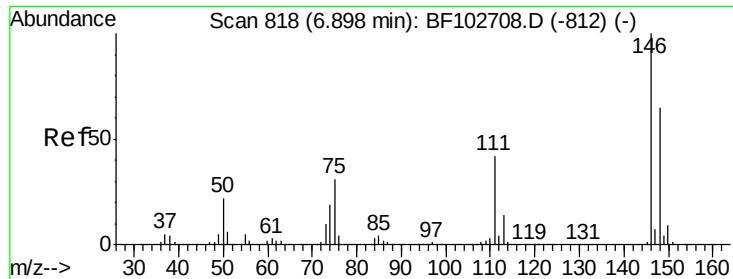


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

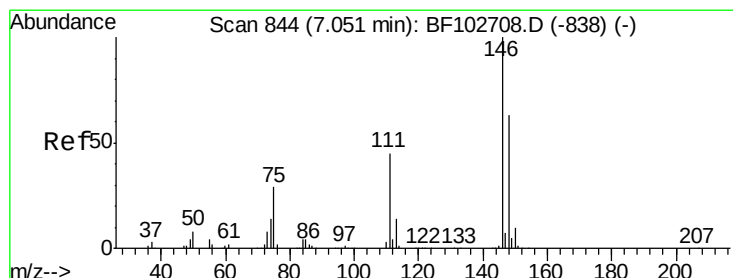
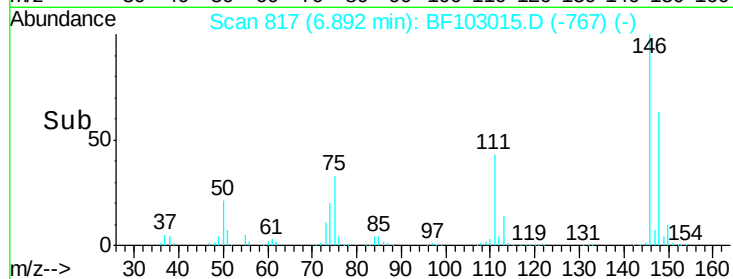
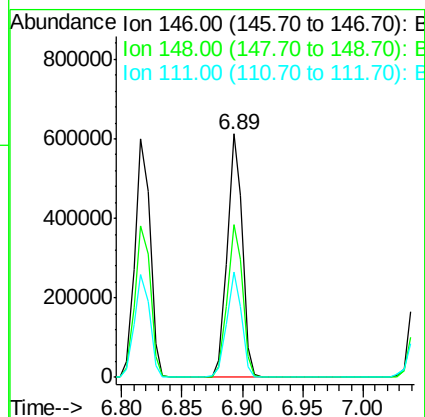
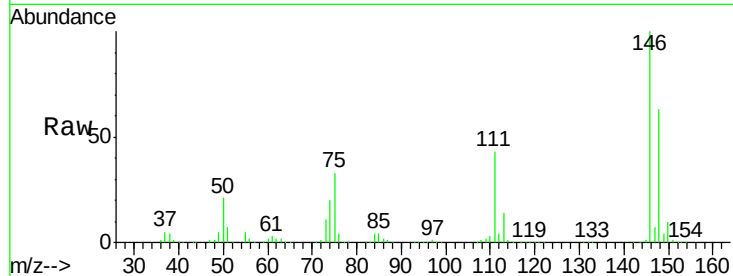




#13
 1,4-Dichlorobenzene
 Concen: 41.196 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

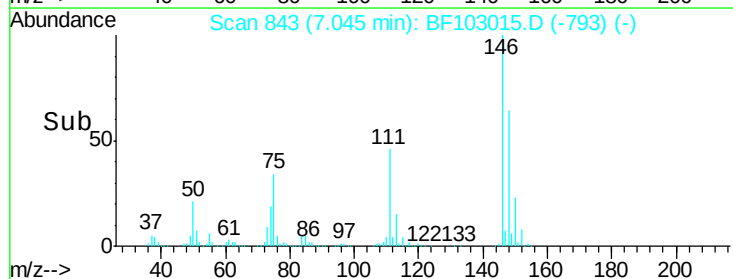
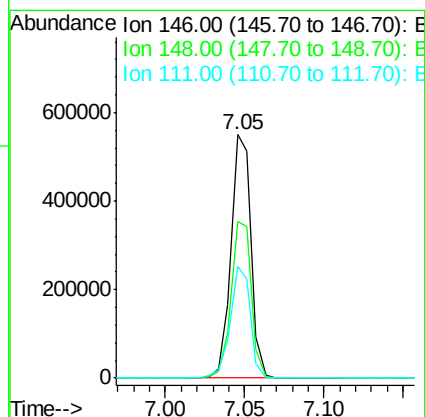
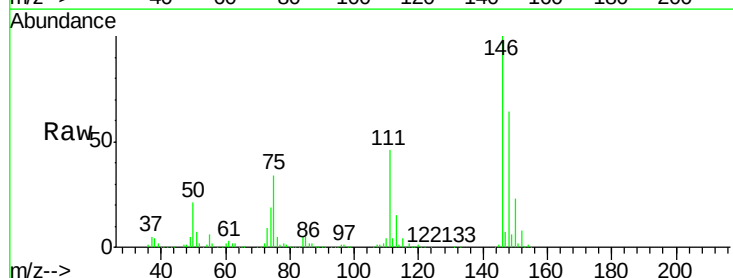
Instrument :
 BNA_F
 ClientSampleId :
 PB106541BS

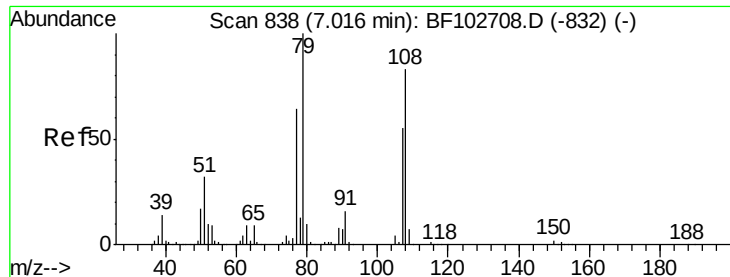
Tgt Ion:146 Resp: 526450
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 43.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.237 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

Tgt Ion:146 Resp: 478939
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 46.0 36.0 54.0

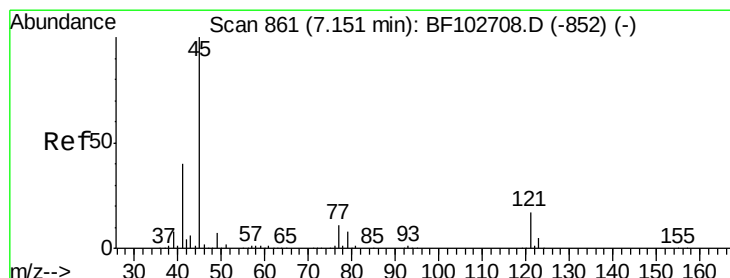
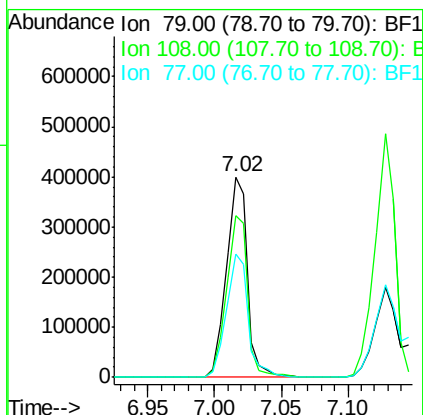
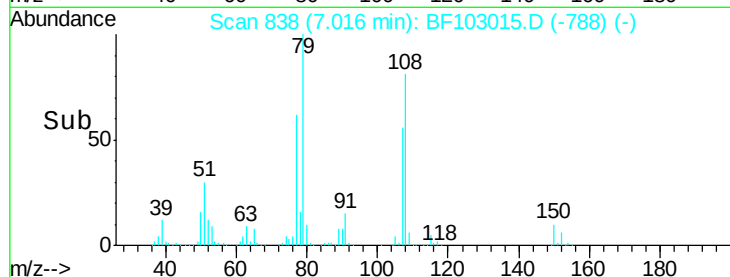
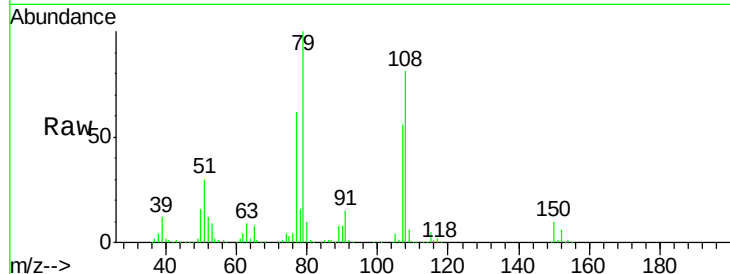




#15
Benzyl Alcohol
Concen: 44.692 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

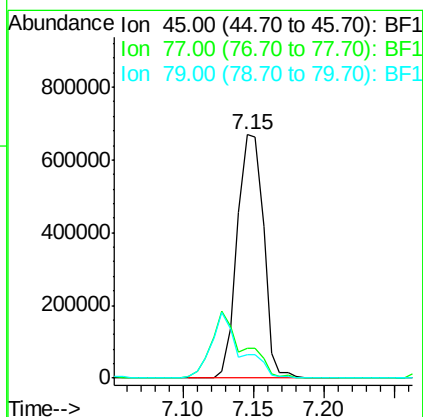
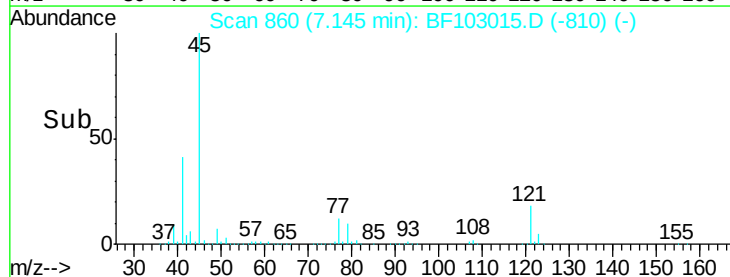
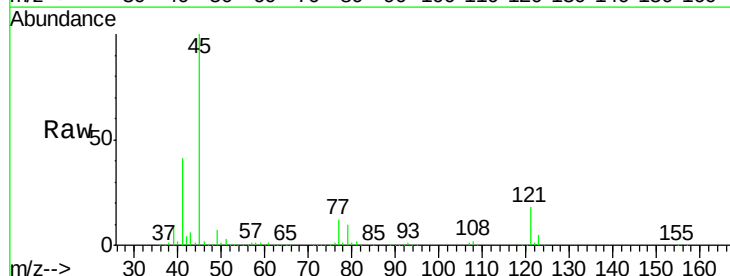
Instrument :
BNA_F
ClientSampleId :
PB106541BS

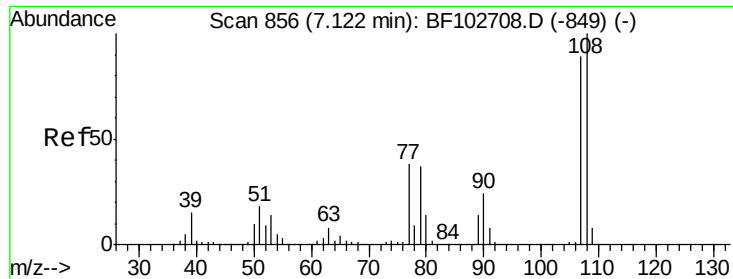
Tgt Ion: 79 Resp: 445192
Ion Ratio Lower Upper
79 100
108 81.1 65.1 97.7
77 61.7 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.709 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion: 45 Resp: 871551
Ion Ratio Lower Upper
45 100
77 12.1 0.0 32.9
79 9.7 0.0 29.6

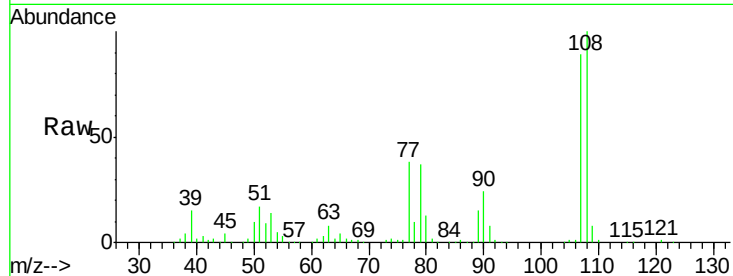




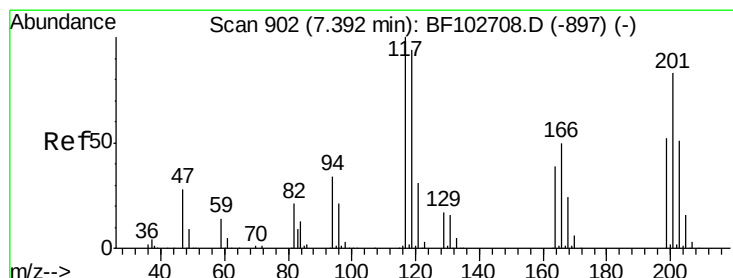
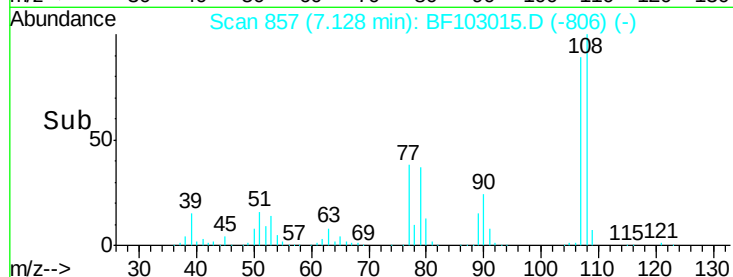
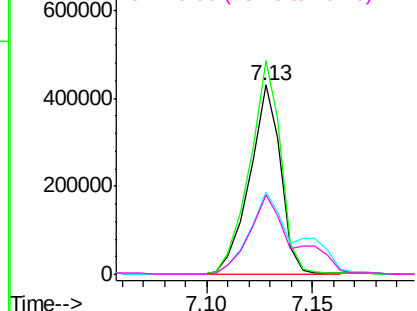
#17
2-Methylphenol
Concen: 43.029 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB106541BS

Tgt Ion:107 Resp: 439703
Ion Ratio Lower Upper
107 100
108 112.9 91.7 137.5
77 43.0 33.8 50.8
79 41.8 33.8 50.8

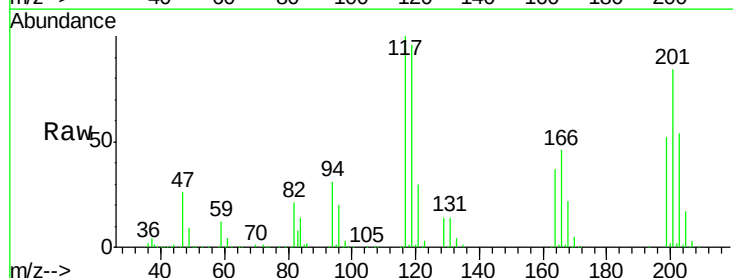


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

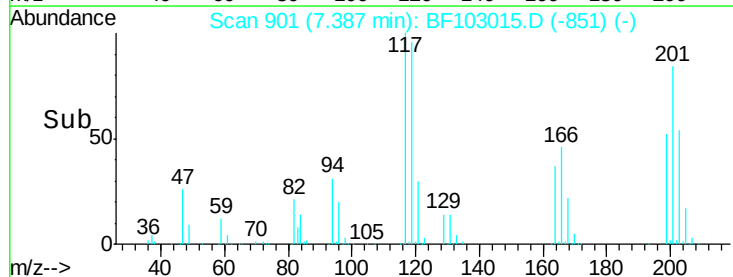
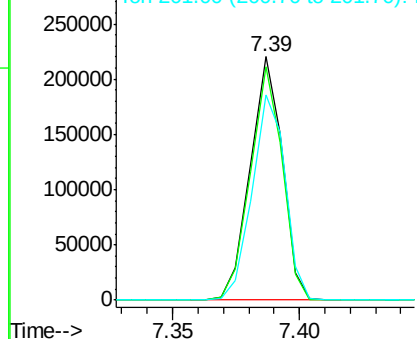


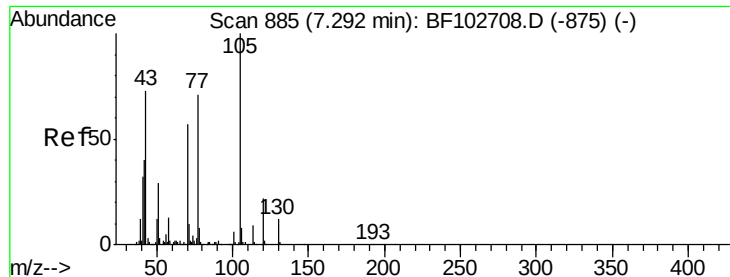
#18
Hexachloroethane
Concen: 44.496 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion:117 Resp: 194991
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 84.2 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

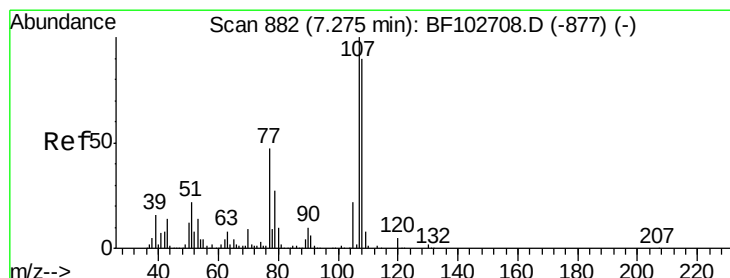
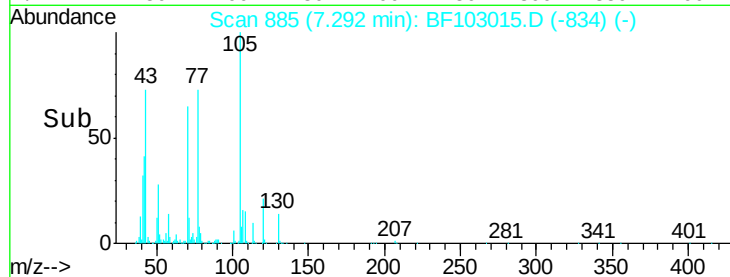
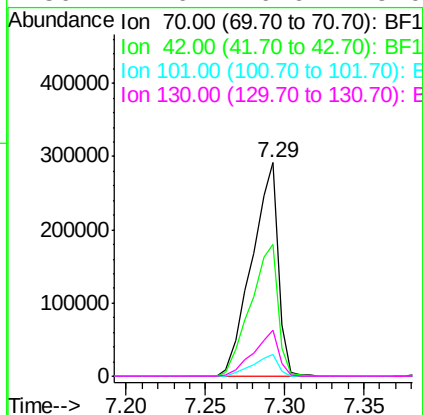
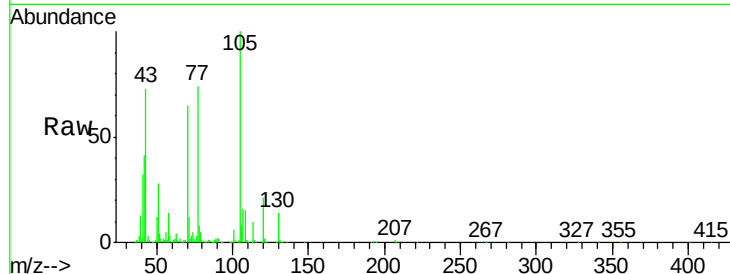




#19
n-Nitroso-di-n-propylamine
Concen: 39.707 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

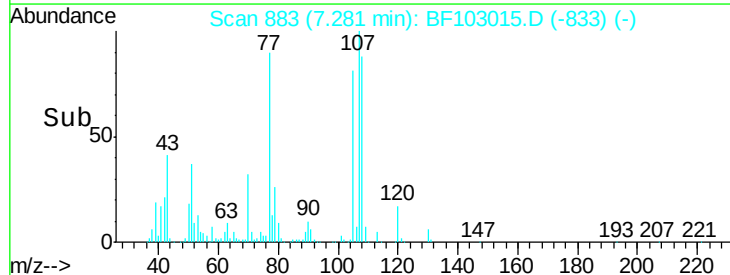
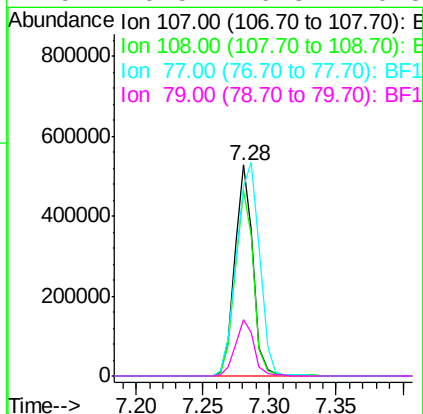
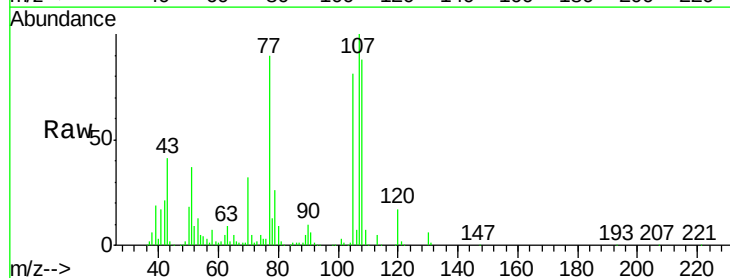
Instrument :
BNA_F
ClientSampleId :
PB106541BS

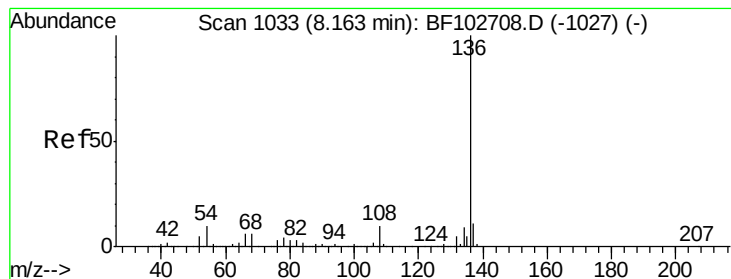
Tgt Ion: 70 Resp: 339198
Ion Ratio Lower Upper
70 100
42 62.0 47.5 71.3
101 9.9 7.4 11.2
130 21.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.816 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion: 107 Resp: 501746
Ion Ratio Lower Upper
107 100
108 87.9 68.2 108.2
77 90.0 26.7 66.7#
79 26.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleID :

PB106541BS

Tgt Ion:136 Resp: 712804

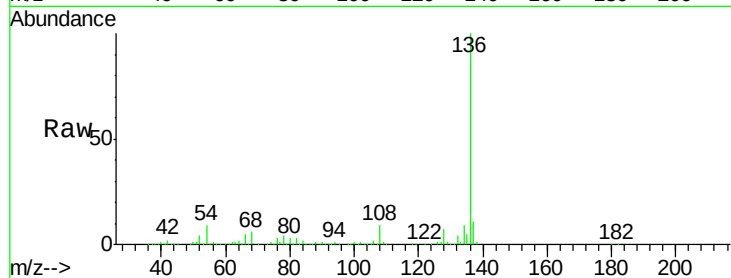
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.1 6.6 9.8

68 6.2 5.0 7.4

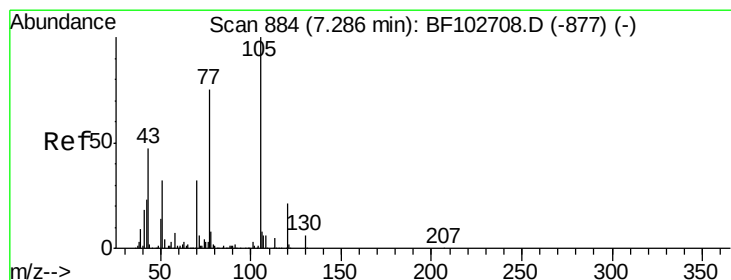
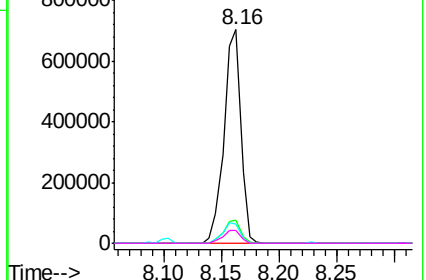
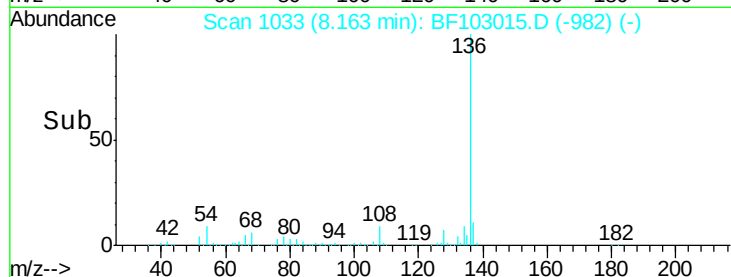


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.291 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Tgt Ion:105 Resp: 667912

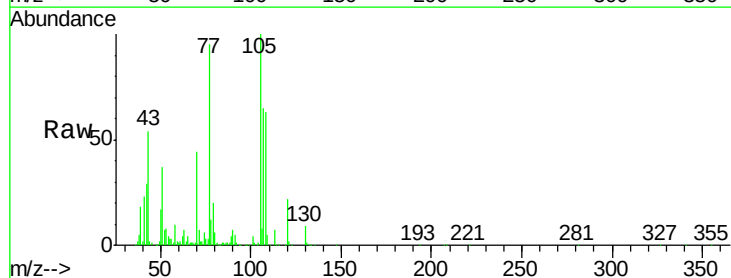
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 37.4 22.3 33.5#

120 21.9 16.9 25.3

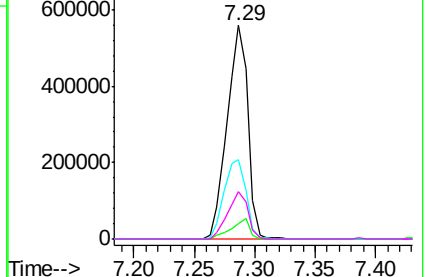
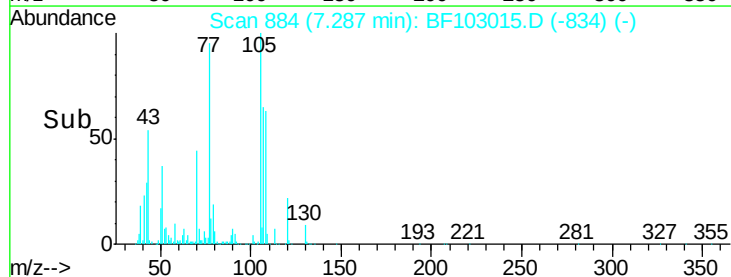


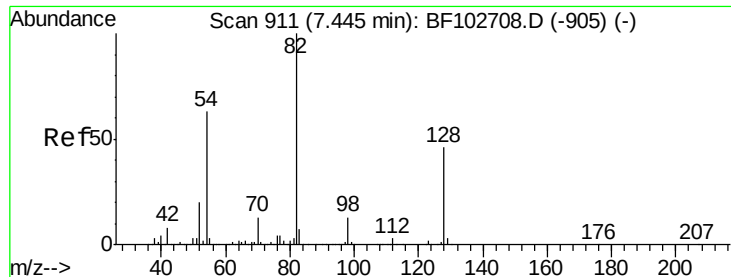
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

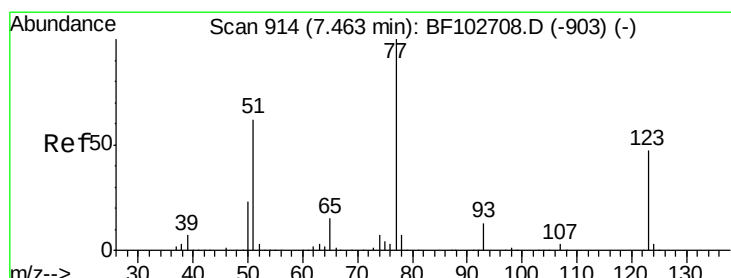
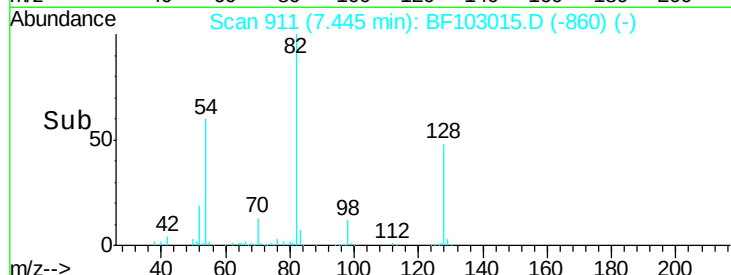
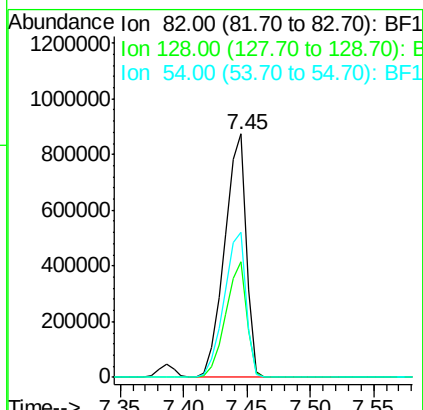
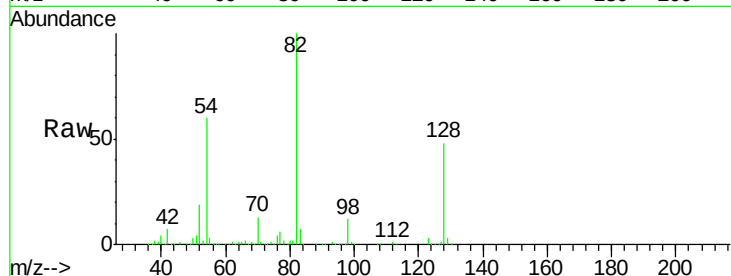




#23
 Nitrobenzene-d5
 Concen: 100.592 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

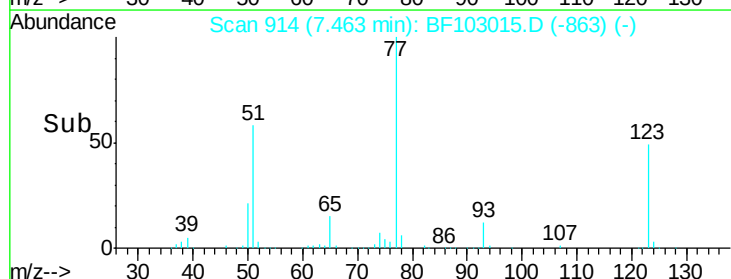
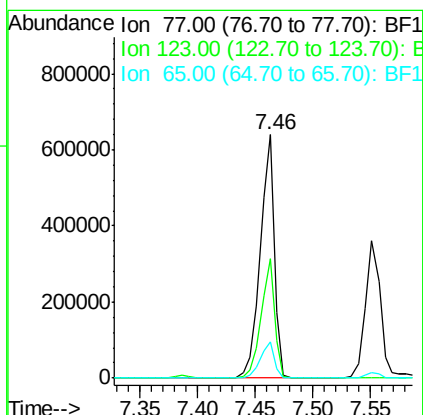
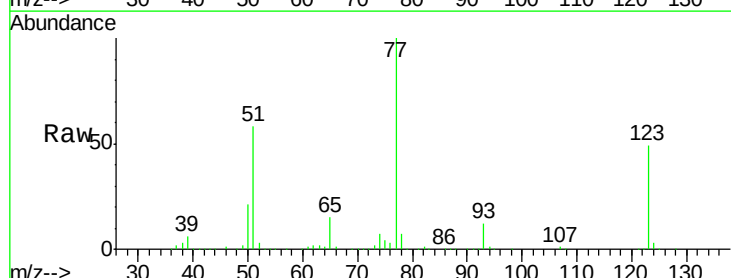
Instrument :
 BNA_F
 ClientSampleId :
 PB106541BS

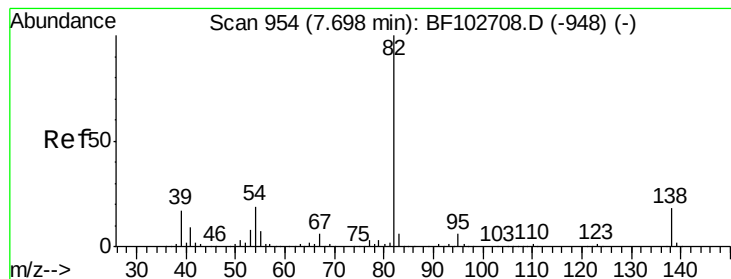
Tgt Ion: 82 Resp: 1033618
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 59.7 41.4 62.2



#24
 Nitrobenzene
 Concen: 45.776 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

Tgt Ion: 77 Resp: 553264
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.9 56.9
 65 15.0 11.0 16.4





#25

Isophorone

Concen: 43.679 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

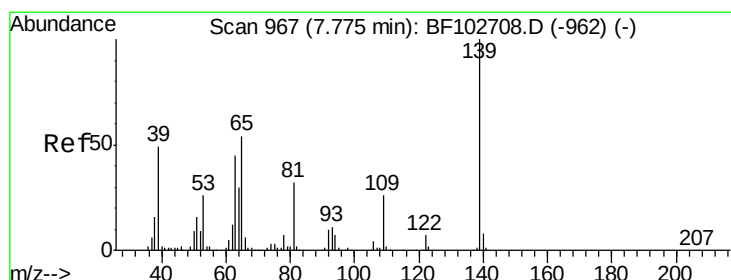
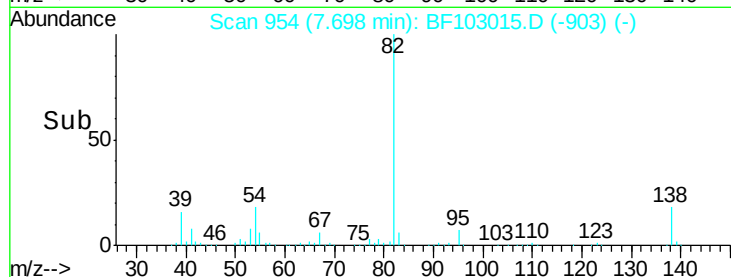
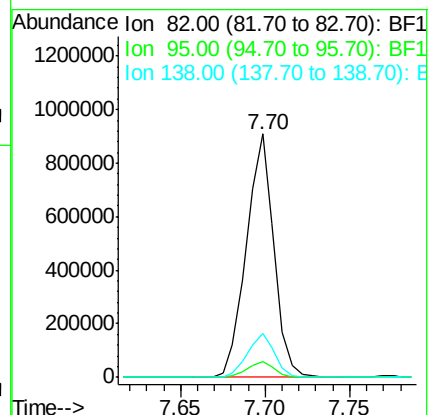
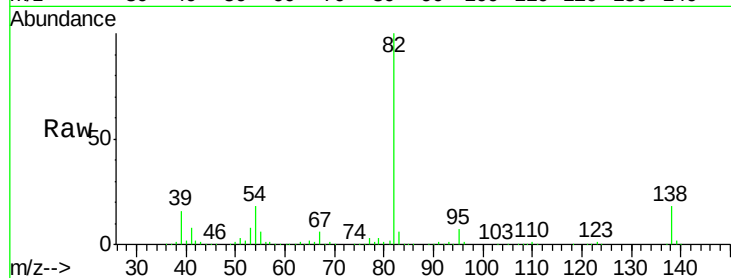
Tgt Ion: 82 Resp: 1033470

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 56.499 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

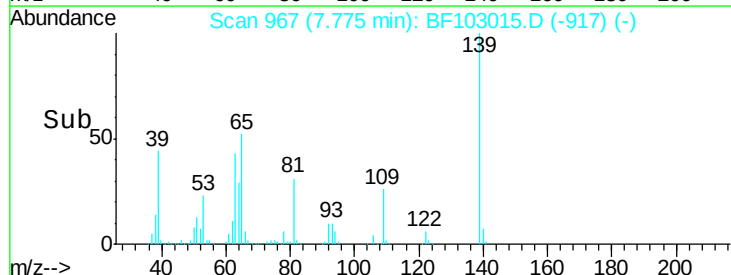
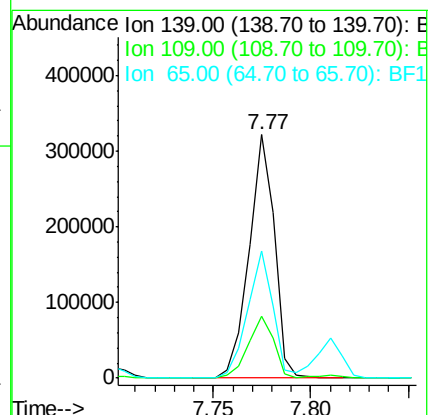
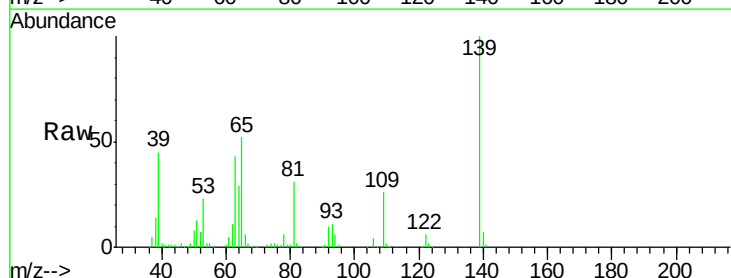
Tgt Ion: 139 Resp: 289851

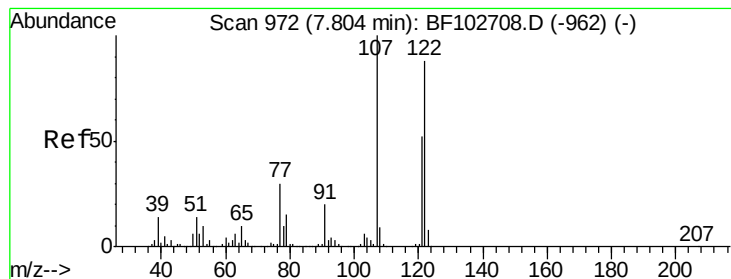
Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

65 52.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.261 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

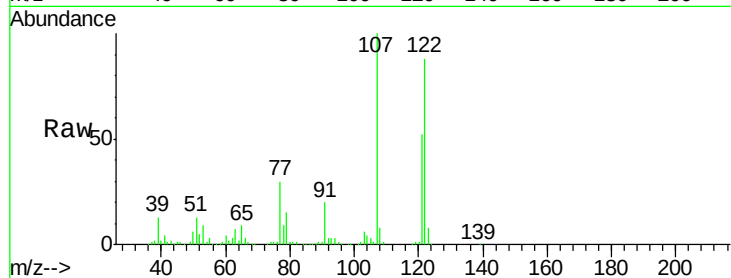
Tgt Ion:122 Resp: 482421

Ion Ratio Lower Upper

122 100

107 114.0 91.2 136.8

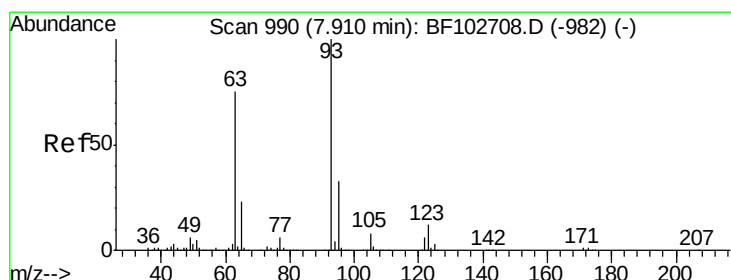
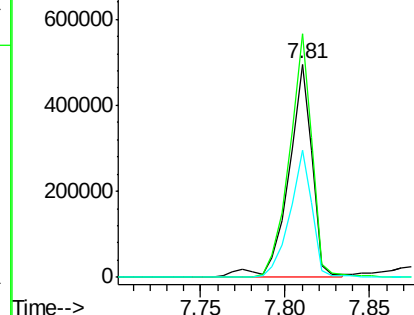
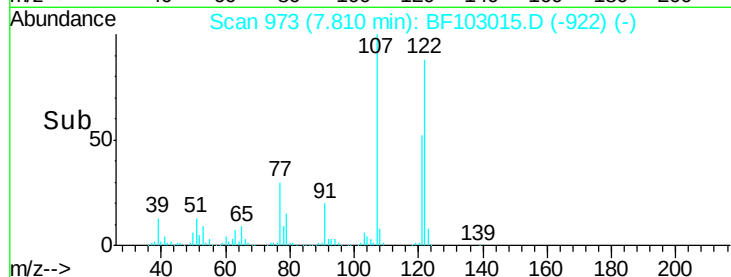
121 59.6 47.2 70.8



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: 45.370 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

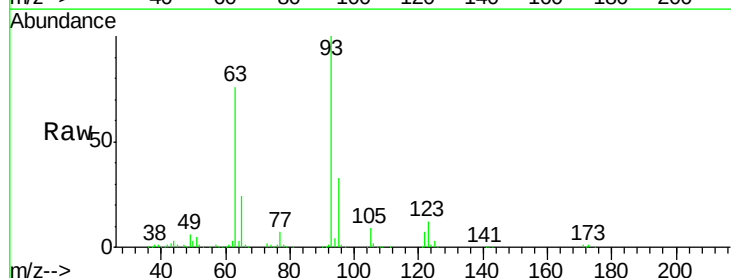
Tgt Ion: 93 Resp: 635911

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

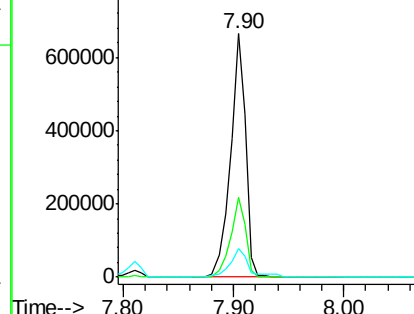
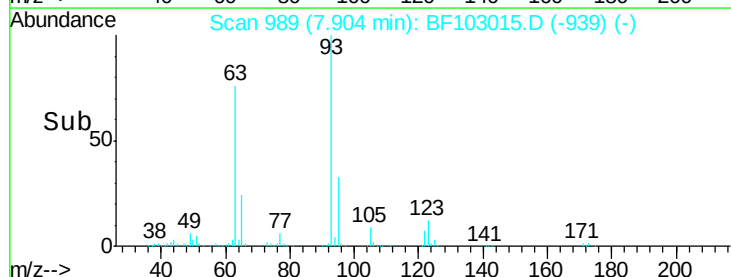
123 11.7 9.8 14.6

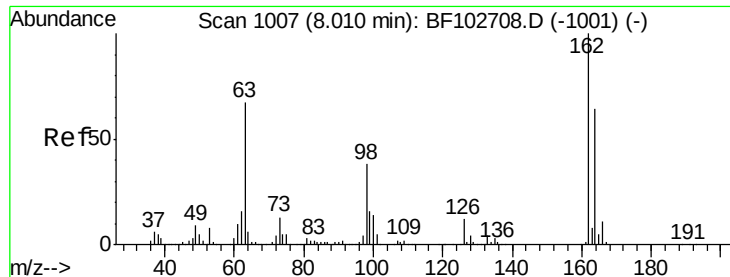


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

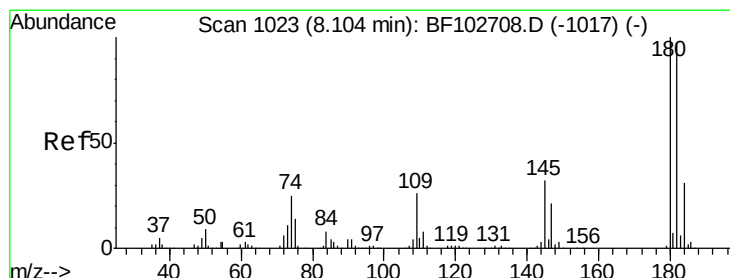
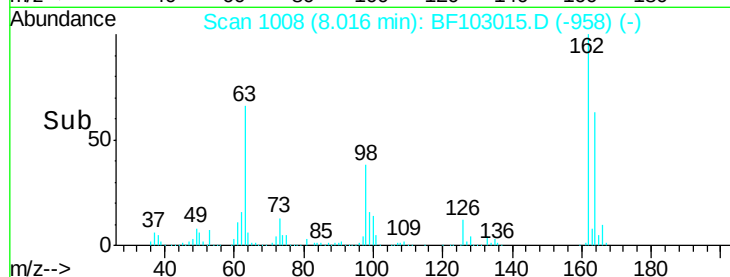
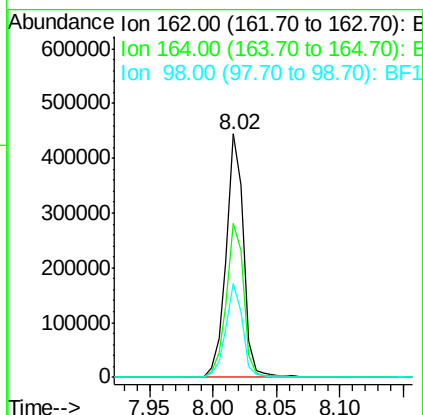
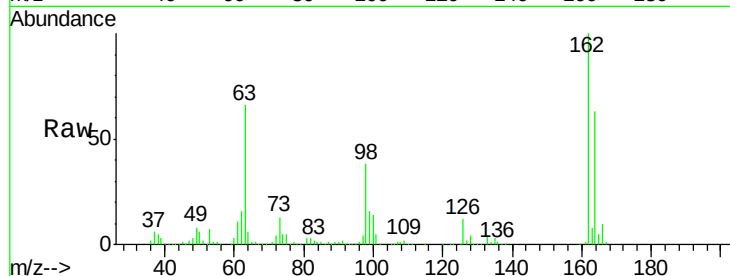




#29
 2,4-Dichlorophenol
 Concen: 46.634 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

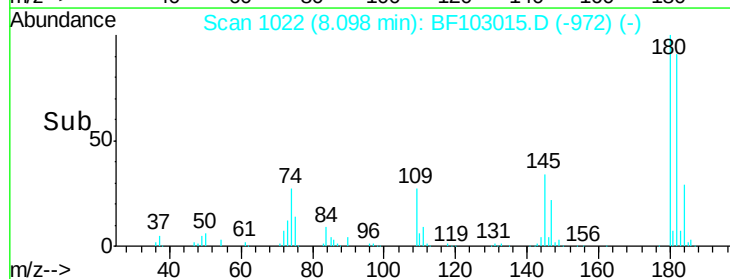
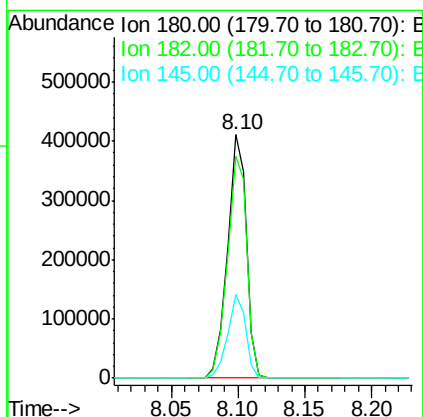
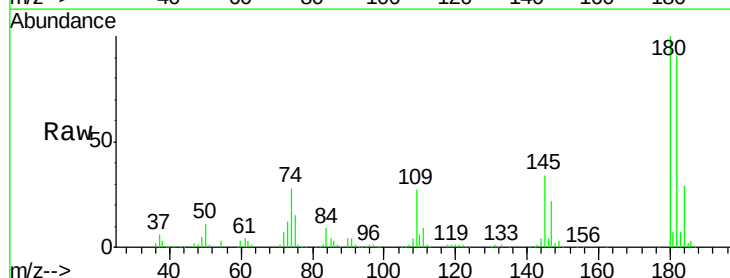
Instrument :
 BNA_F
 ClientSampleId :
 PB106541BS

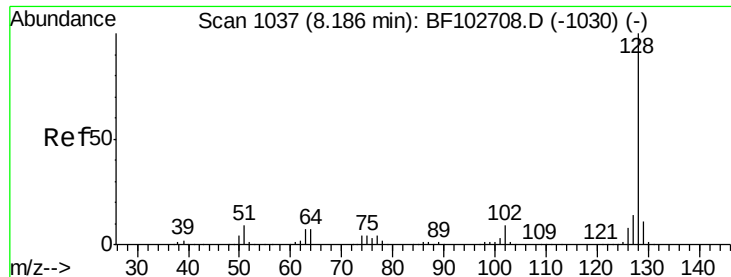
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	38.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.222 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.9	76.8	115.2
145	34.2	26.5	39.7

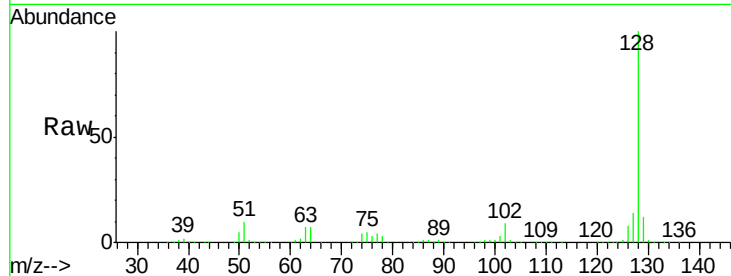




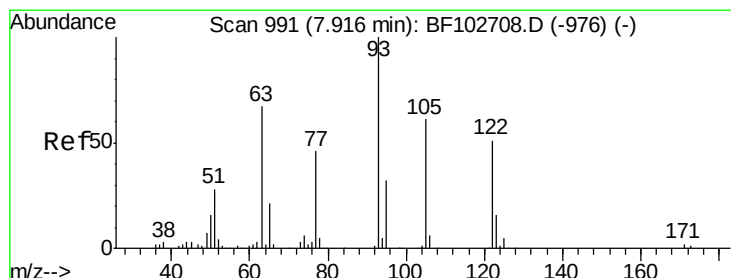
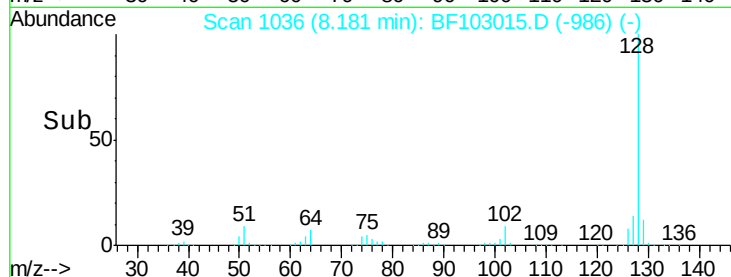
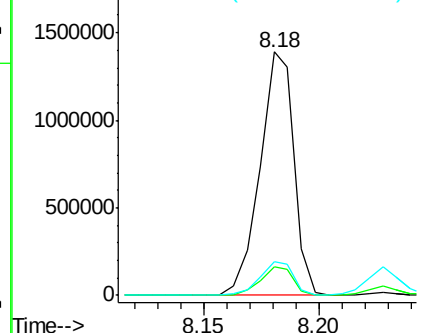
#31
Naphthalene
Concen: 40.835 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB106541BS

Tgt Ion:128 Resp: 1422110
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.9 10.9 16.3

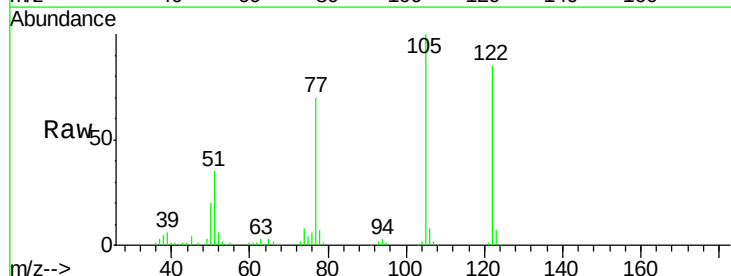


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

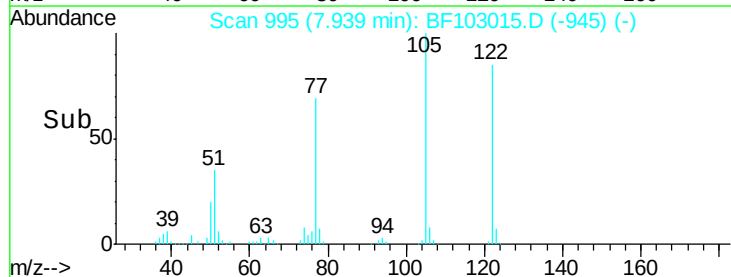
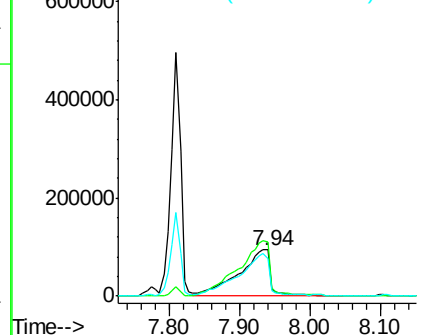


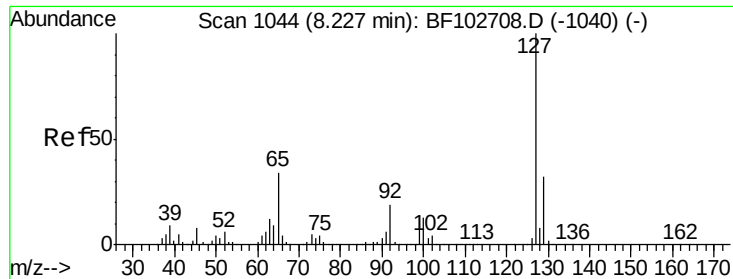
#32
Benzoic acid
Concen: 42.927 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion:122 Resp: 289585
Ion Ratio Lower Upper
122 100
105 117.7 101.1 141.1
77 82.6 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

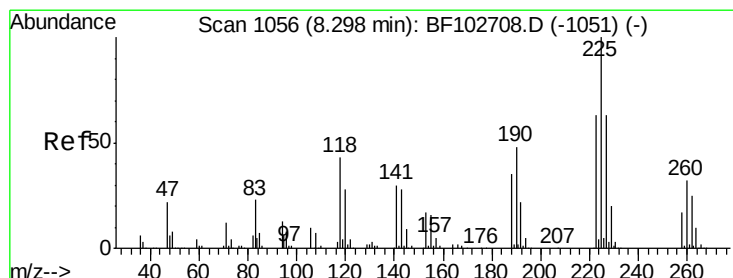
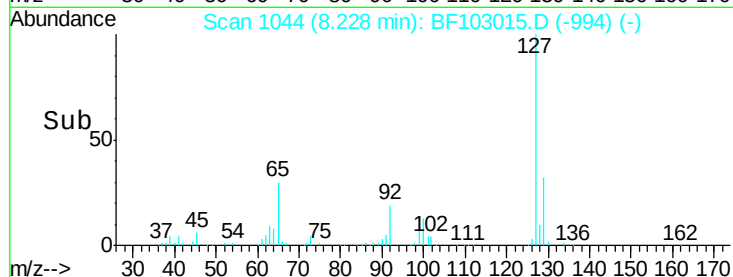
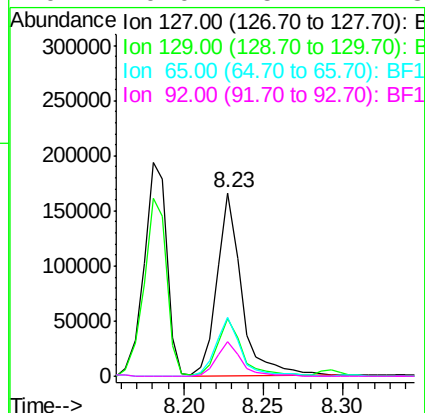
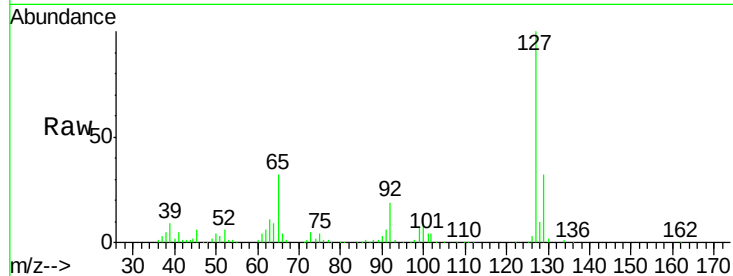




#33
4-Chloroaniline
Concen: 11.821 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

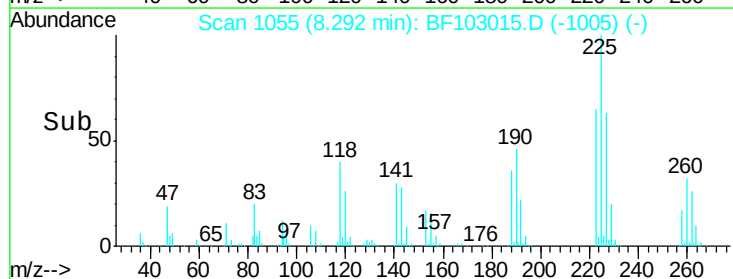
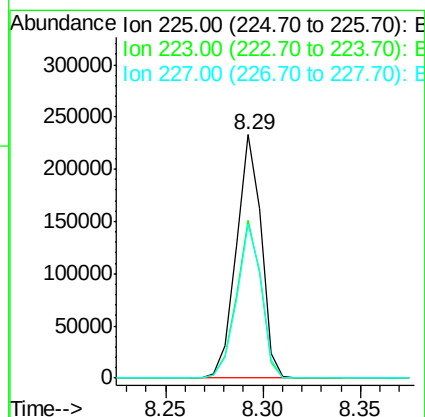
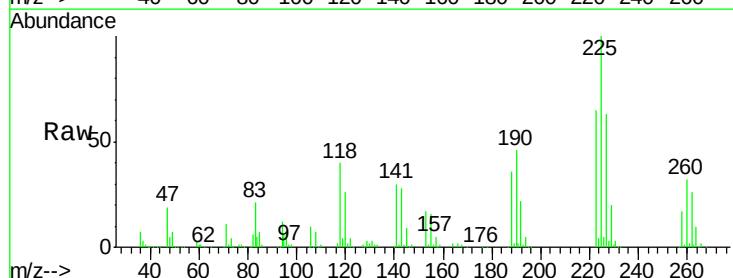
Instrument :
BNA_F
ClientSampleId :
PB106541BS

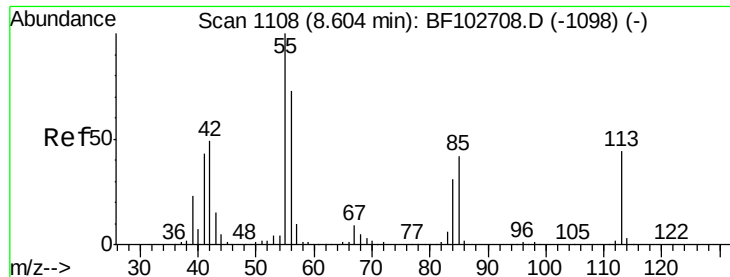
Tgt Ion:	127	Resp:	177352
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	32.3	25.0	37.4
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.149 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion:	225	Resp:	206224
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	63.0	51.9	77.9

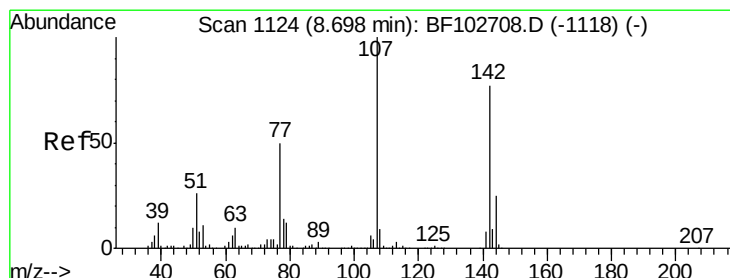
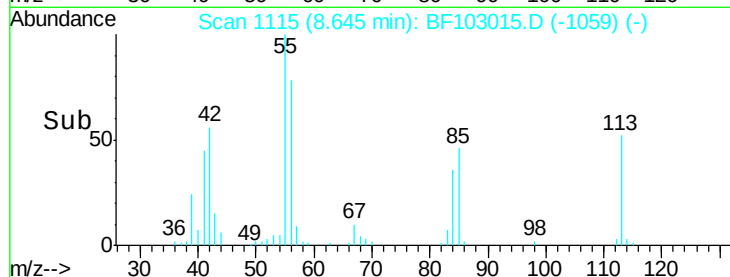
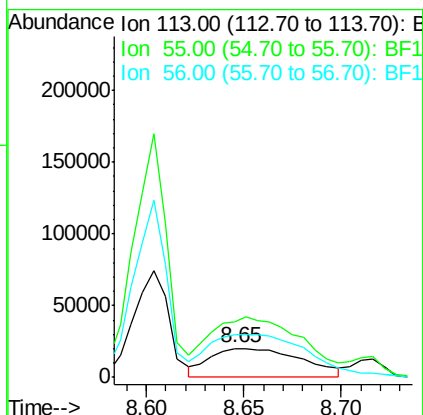
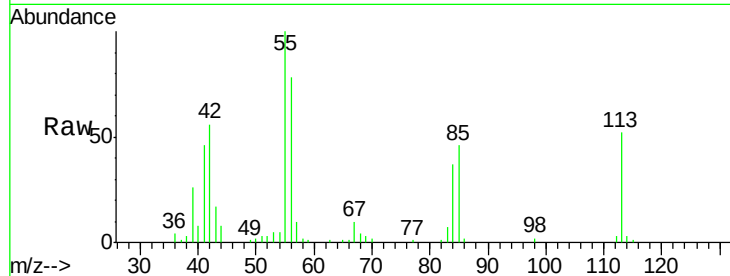




#35
 Caprolactam
 Concen: 20.864 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.03 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

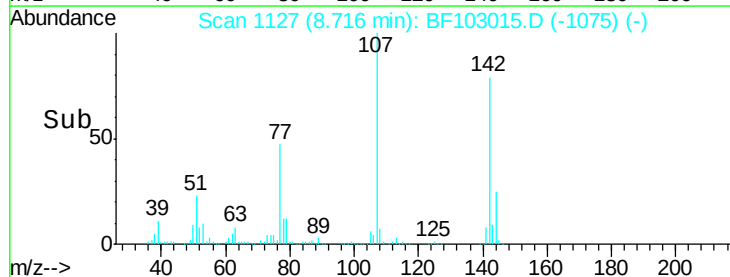
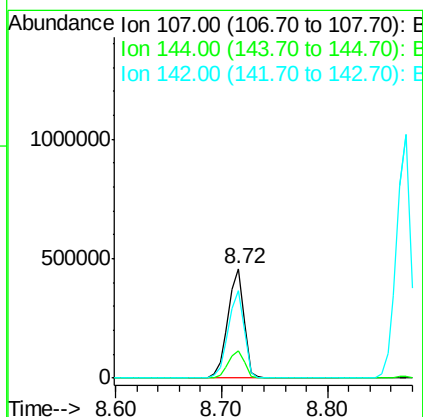
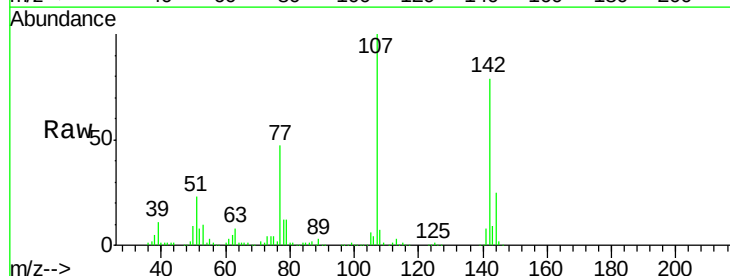
Instrument :
 BNA_F
 ClientSampleId :
 PB106541BS

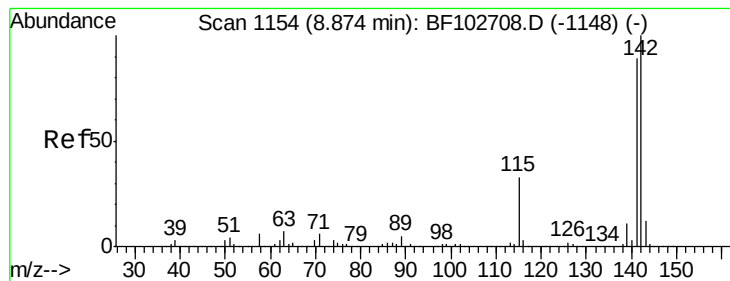
Tgt Ion:113 Resp: 65843
 Ion Ratio Lower Upper
 113 100
 55 192.4 163.3 203.3
 56 149.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.724 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

Tgt Ion:107 Resp: 487264
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 79.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 42.048 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

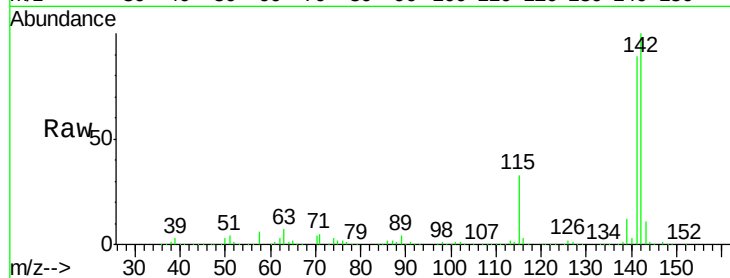
Tgt Ion:142 Resp: 958732

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

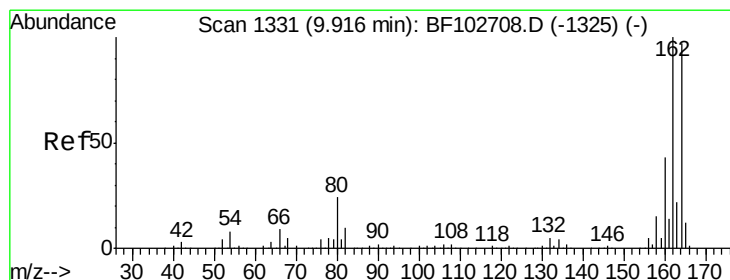
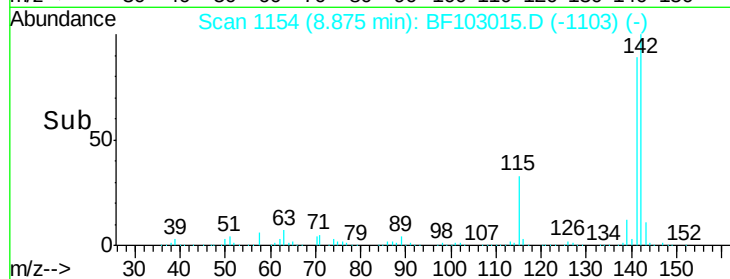
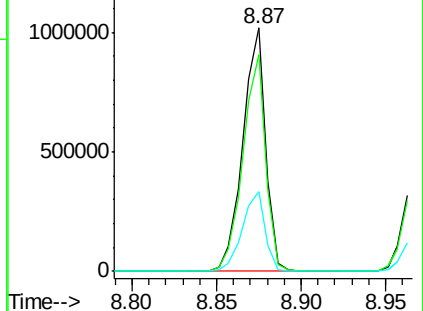
115 32.6 26.1 39.1



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. -0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

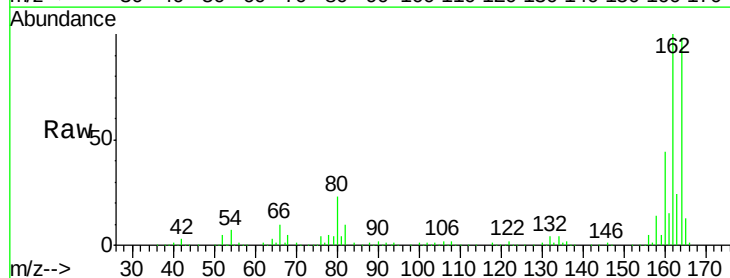
Tgt Ion:164 Resp: 335817

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

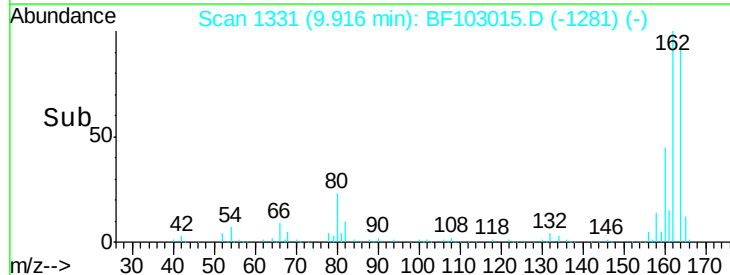
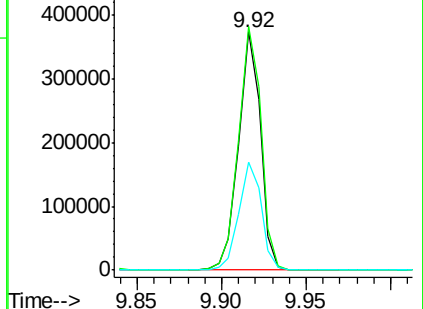
160 45.4 38.3 57.5

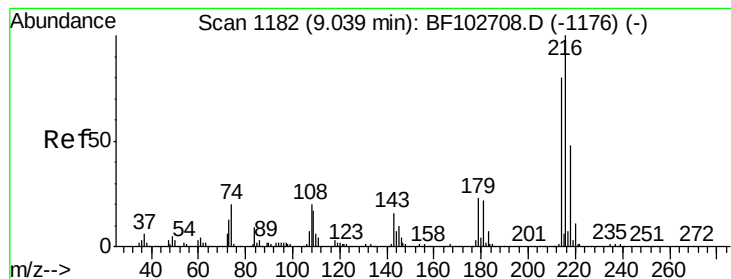


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.765 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

Tgt Ion:216 Resp: 363599

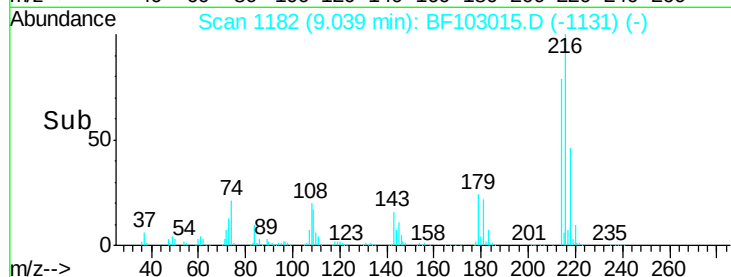
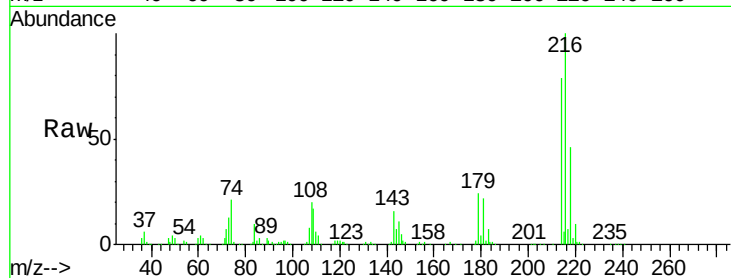
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 23.4 18.1 27.1

108 24.4 17.2 25.8

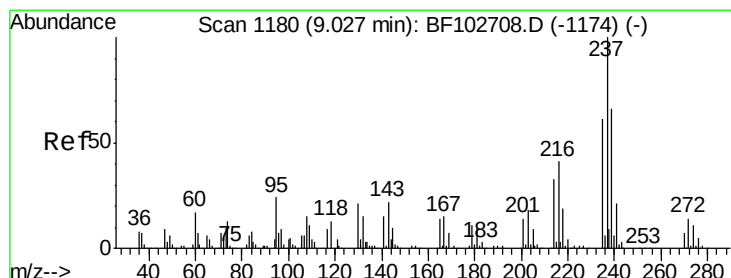
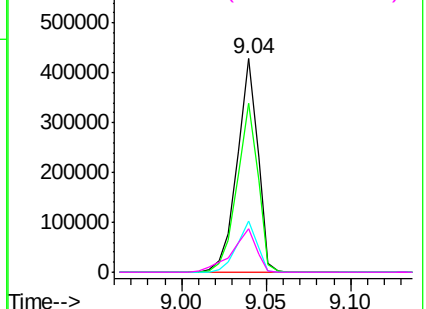


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.429 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

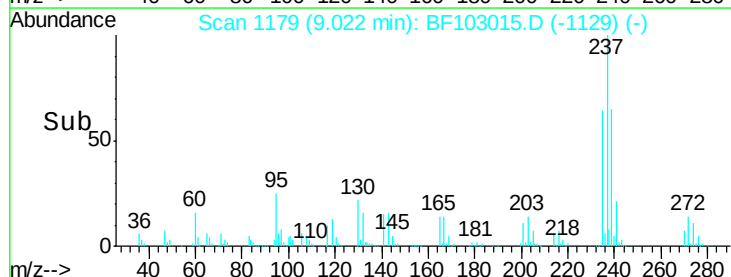
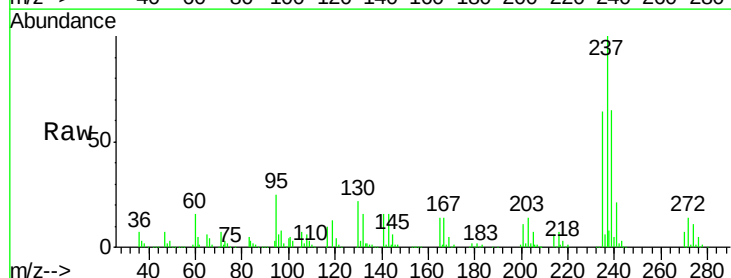
Tgt Ion:237 Resp: 306136

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

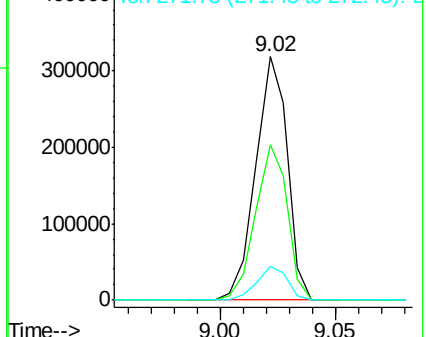
272 13.7 0.0 33.3

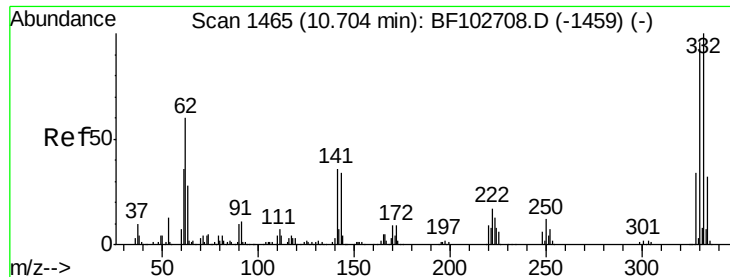


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 133.222 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

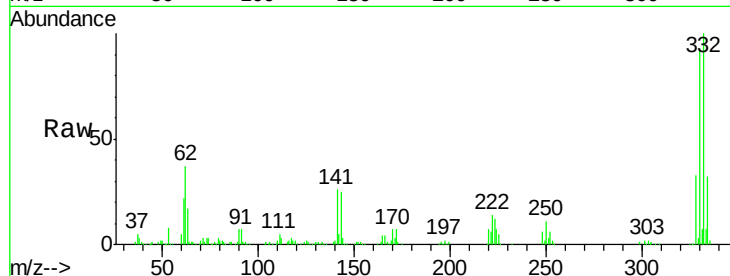
Tgt Ion:330 Resp: 360089

Ion Ratio Lower Upper

330 100

332 104.1 77.0 115.6

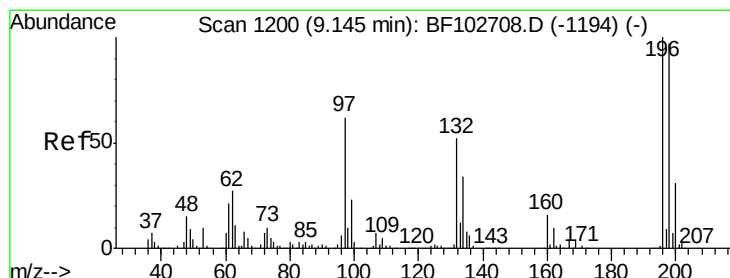
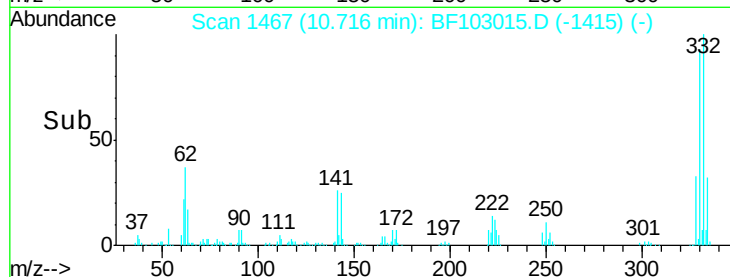
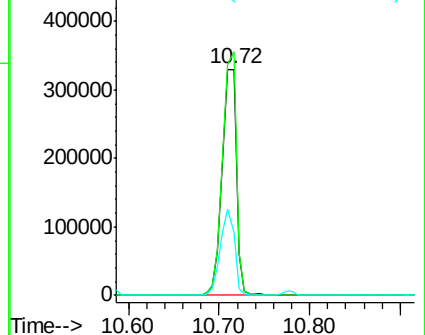
141 37.6 29.9 44.9



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: 45.482 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

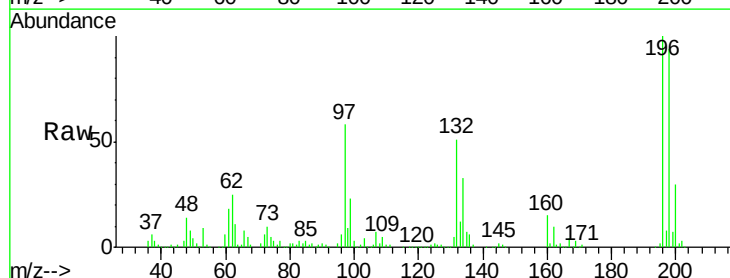
Tgt Ion:196 Resp: 273155

Ion Ratio Lower Upper

196 100

198 94.1 75.7 113.5

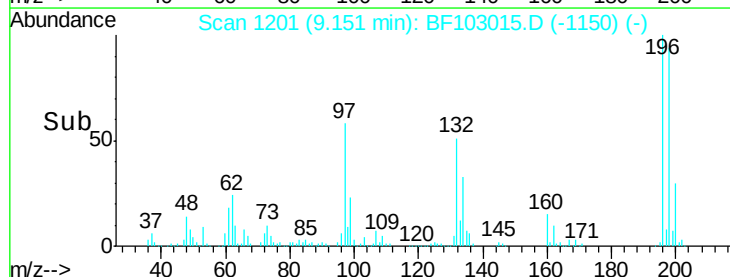
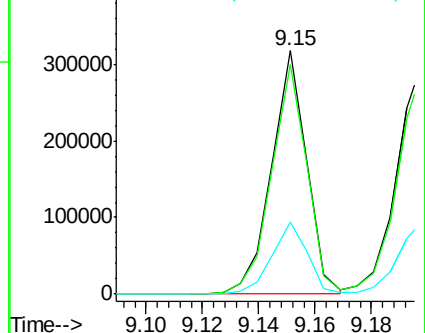
200 29.8 24.5 36.7

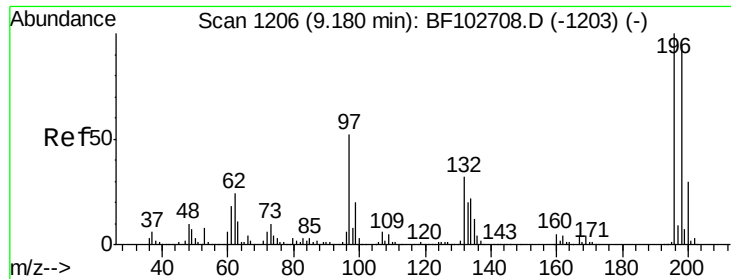


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

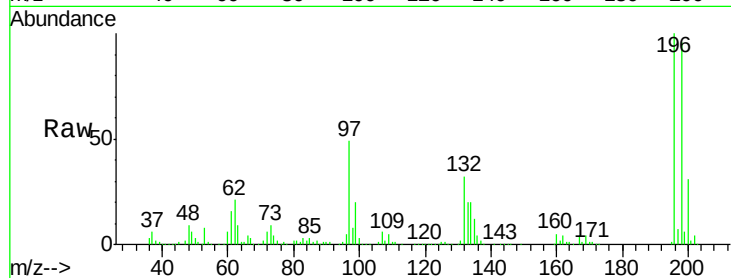




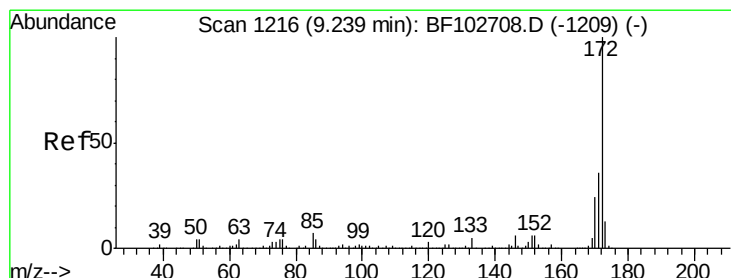
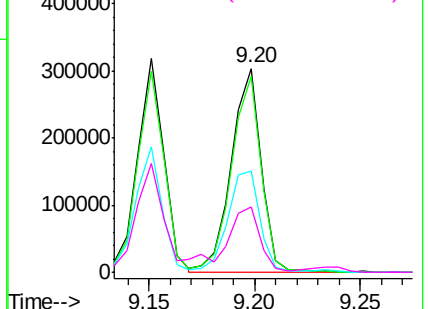
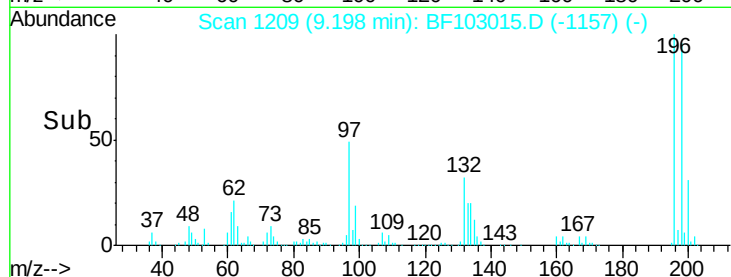
#43
 2,4,5-Trichlorophenol
 Concen: 43.258 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

Instrument :
 BNA_F
 ClientSampled :
 PB106541BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.6	112.0
97	49.4	42.9	64.3
132	31.8	26.3	39.5

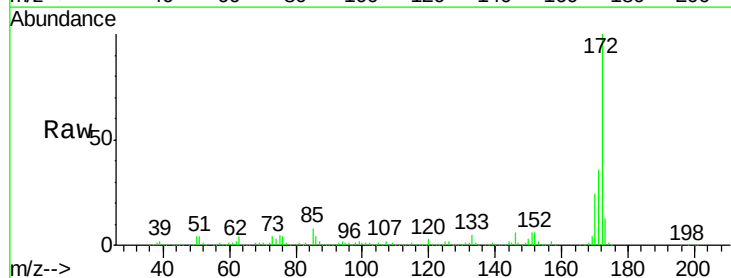


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

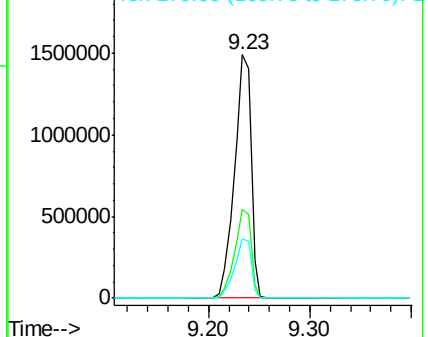
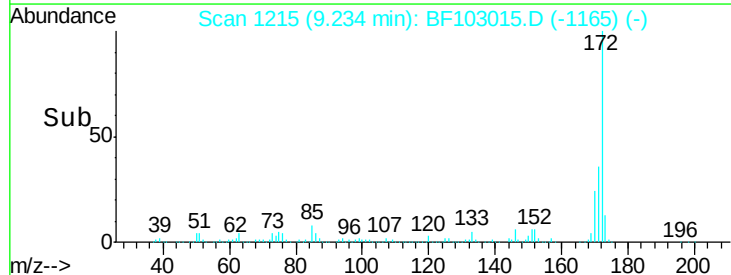


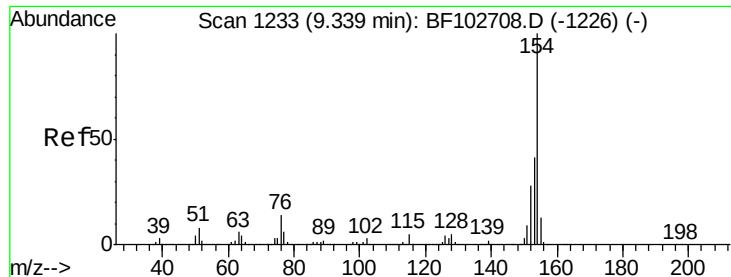
#44
 2-Fluorobiphenyl
 Concen: 83.509 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	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: 39.034 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

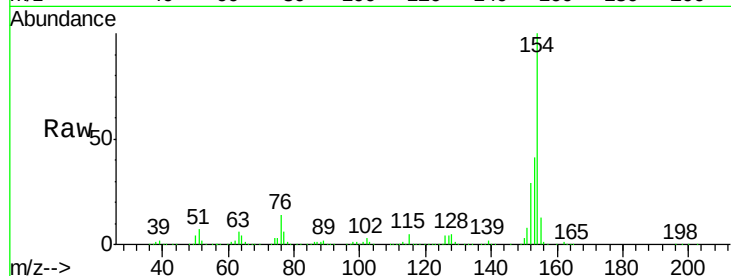
Tgt Ion:154 Resp: 1104077

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

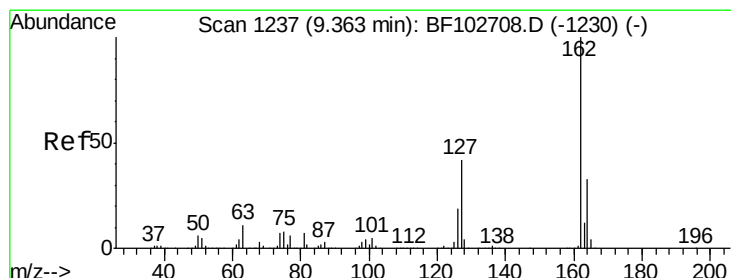
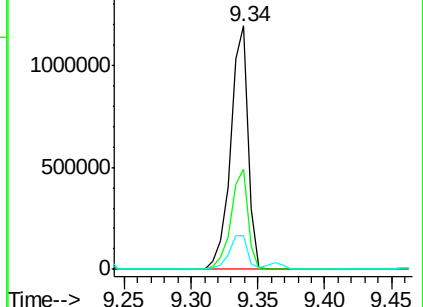
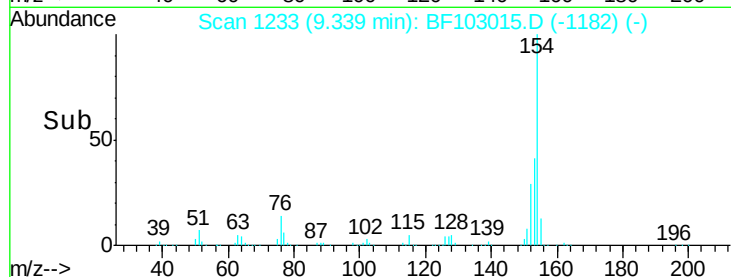
76 13.6 0.0 34.0



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: 39.920 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

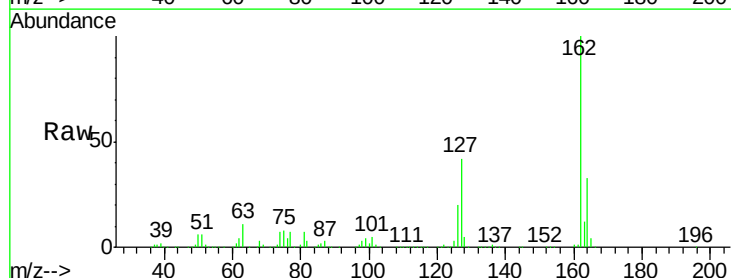
Tgt Ion:162 Resp: 888930

Ion Ratio Lower Upper

162 100

127 42.4 33.9 50.9

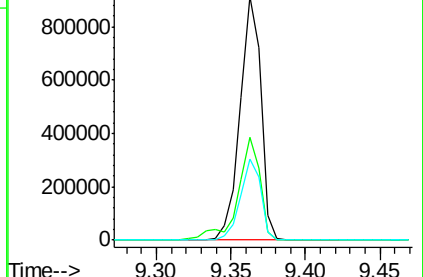
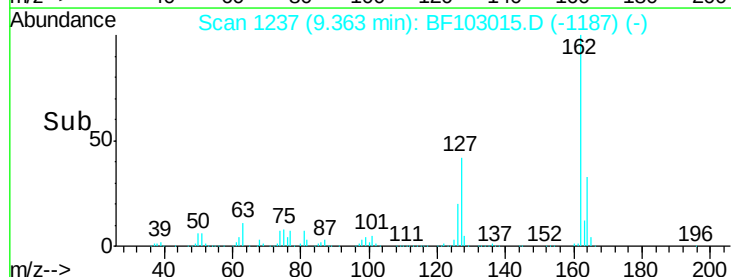
164 33.0 26.5 39.7

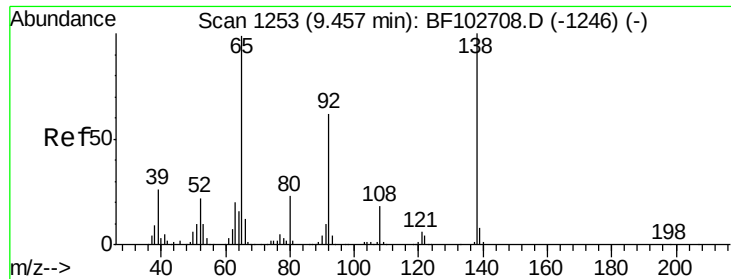


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

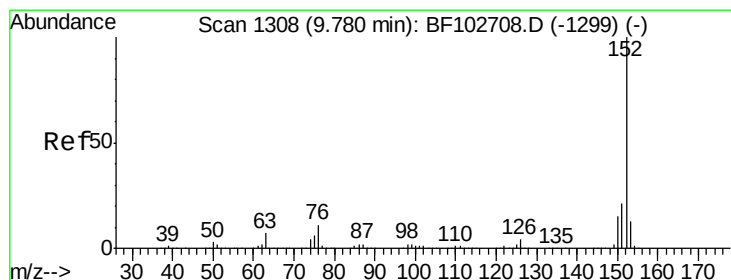
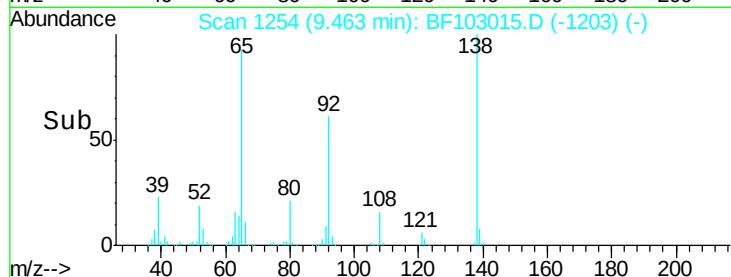
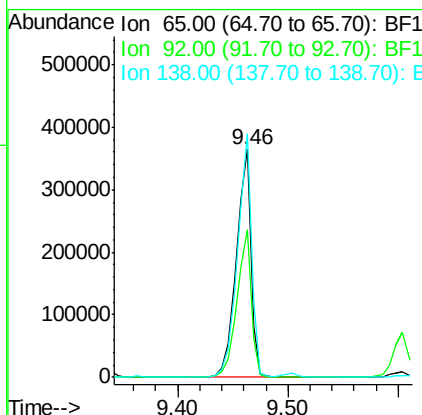
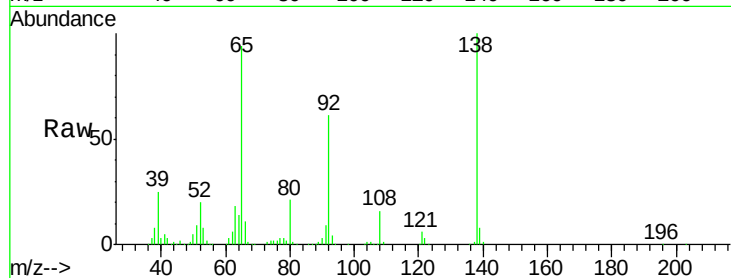




#47
2-Nitroaniline
Concen: 49.877 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

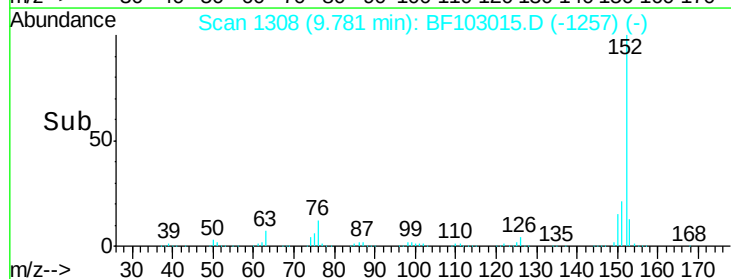
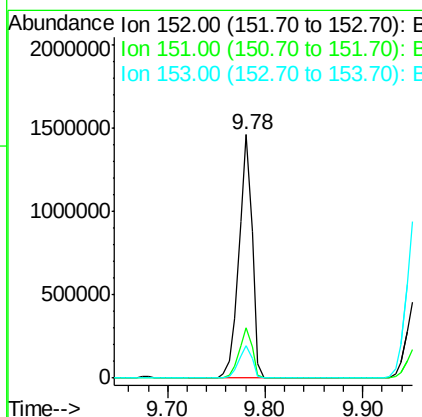
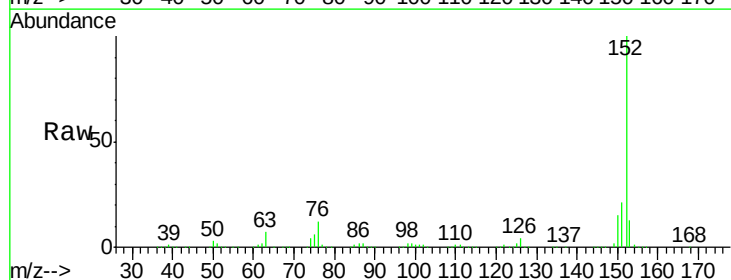
Instrument :
BNA_F
ClientSampleId :
PB106541BS

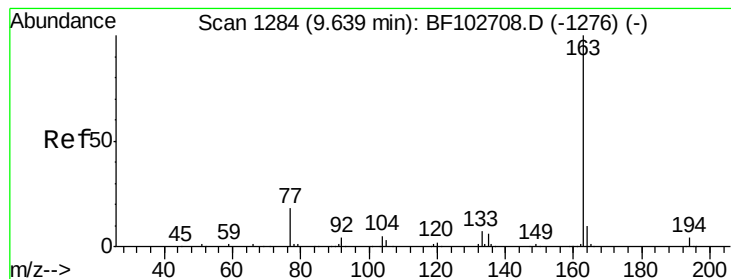
Tgt Ion: 65 Resp: 343729
Ion Ratio Lower Upper
65 100
92 64.6 55.8 83.6
138 106.7 91.2 136.8



#48
Acenaphthylene
Concen: 39.498 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion: 152 Resp: 1366063
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 41.606 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

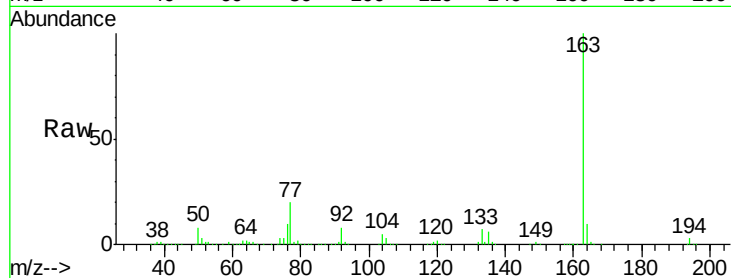
Tgt Ion:163 Resp: 1089421

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

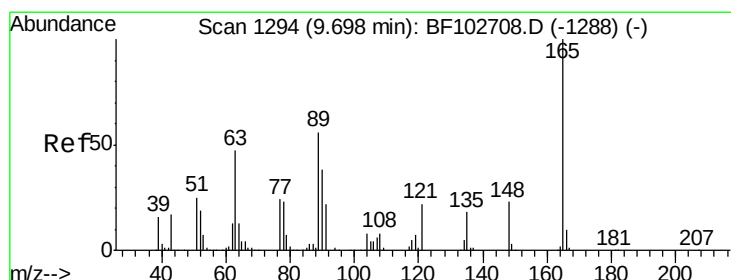
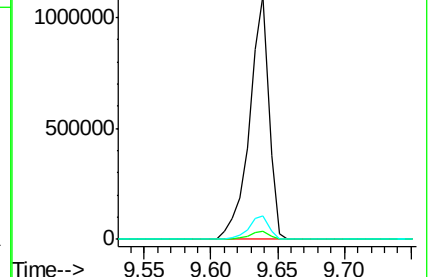
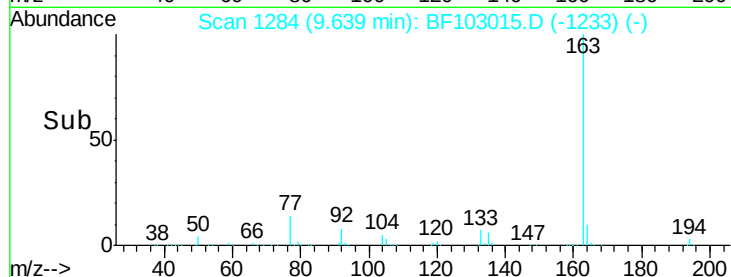
164 9.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.370 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

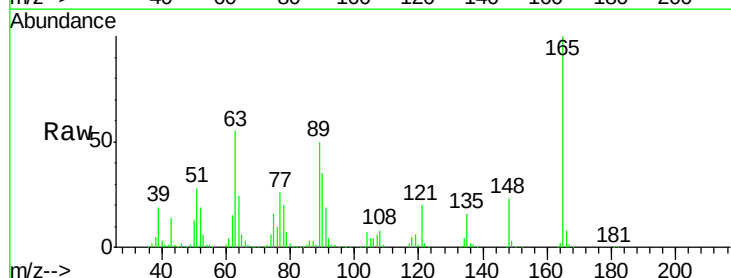
Tgt Ion:165 Resp: 250923

Ion Ratio Lower Upper

165 100

63 54.9 44.7 67.1

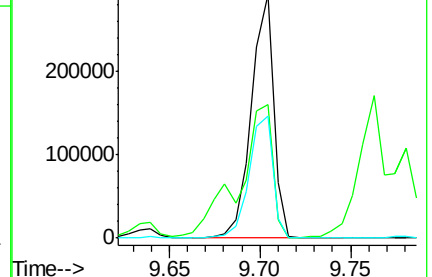
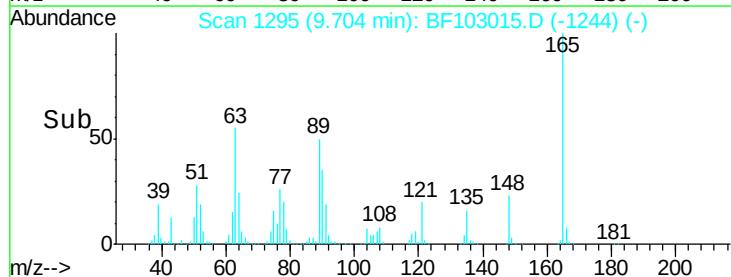
89 50.0 44.0 66.0

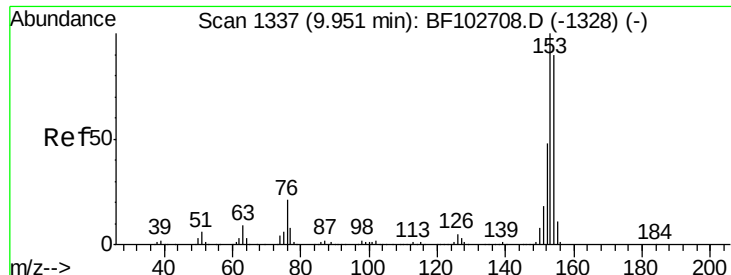


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

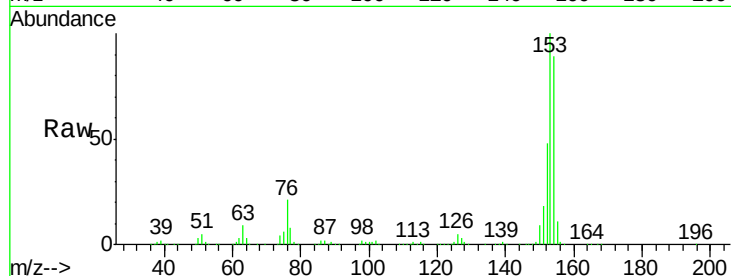




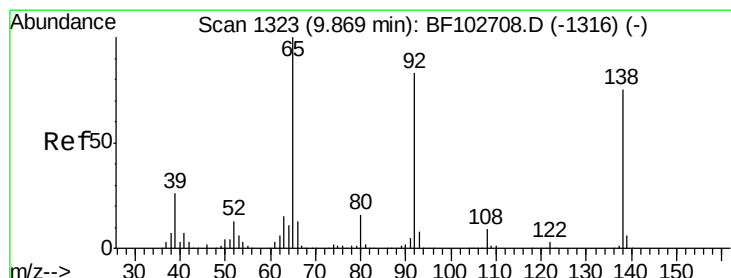
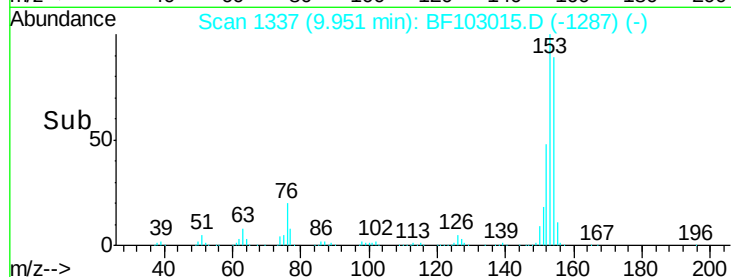
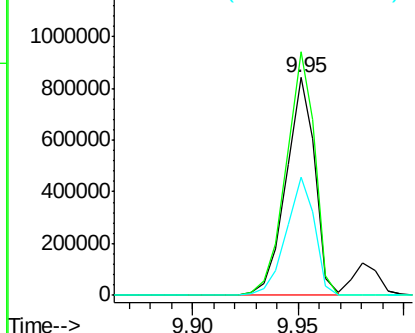
#51
Acenaphthene
Concen: 38.742 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB106541BS

Tgt Ion:154 Resp: 801309
Ion Ratio Lower Upper
154 100
153 112.0 91.2 136.8
152 54.1 43.8 65.8

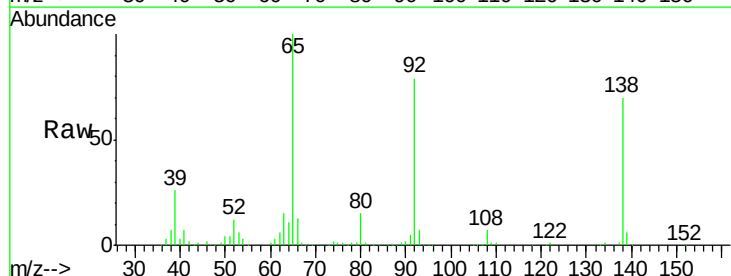


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

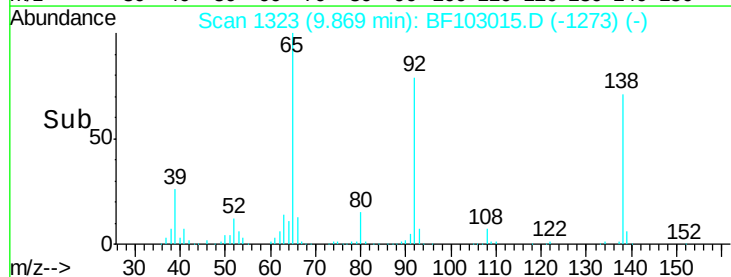
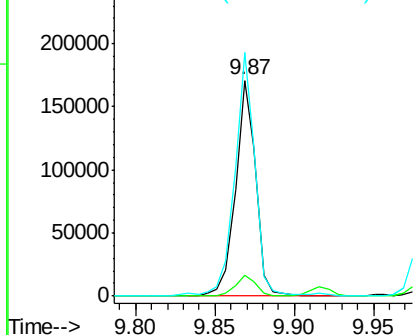


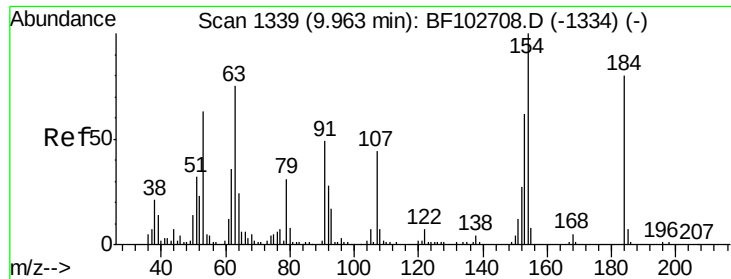
#52
3-Nitroaniline
Concen: 24.716 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion:138 Resp: 151500
Ion Ratio Lower Upper
138 100
108 9.9 9.4 14.0
92 112.7 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

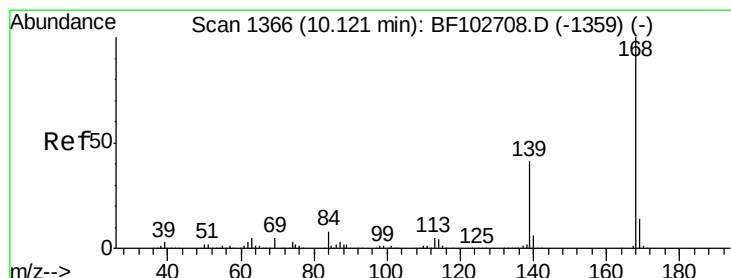
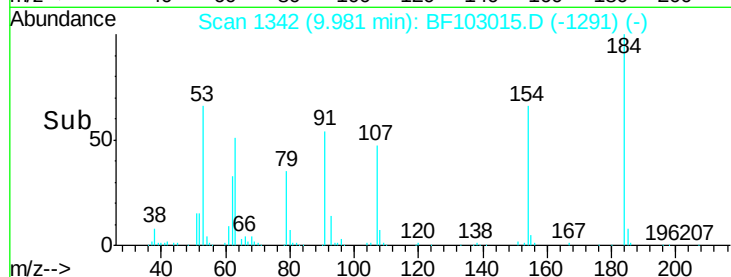
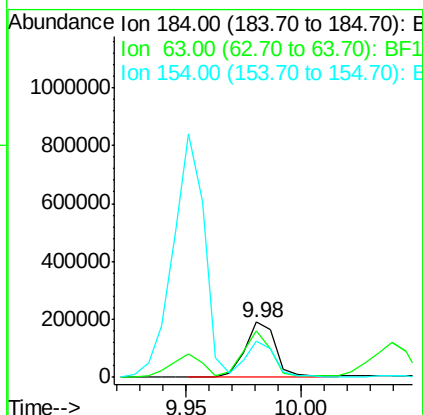
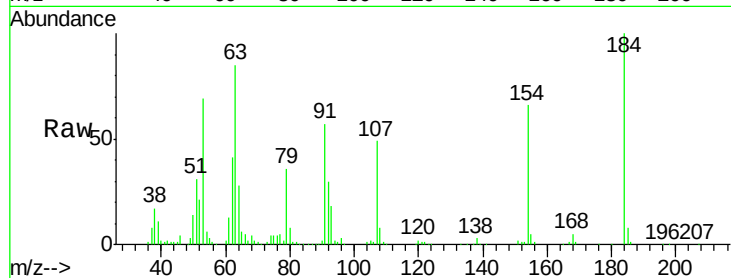




#53
2,4-Dinitrophenol
Concen: 94.767 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

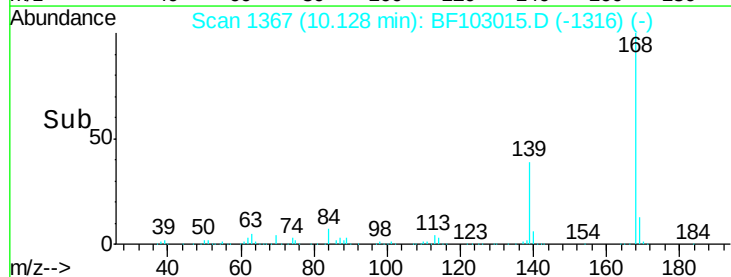
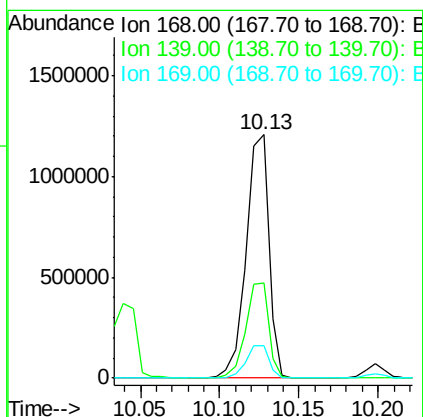
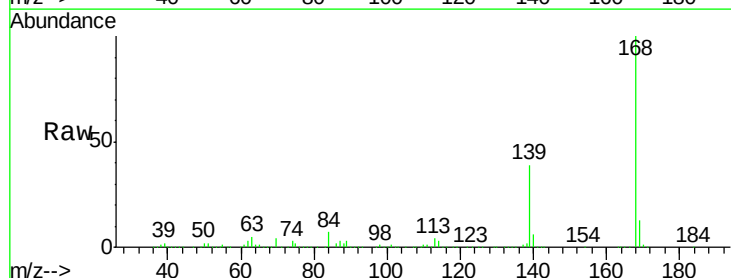
Instrument :
BNA_F
ClientSampleId :
PB106541BS

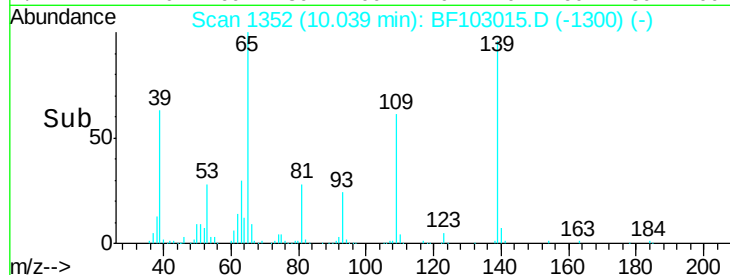
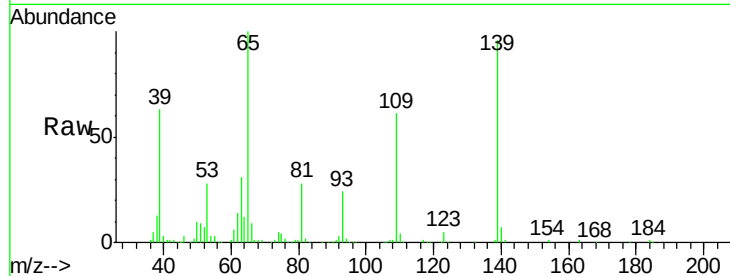
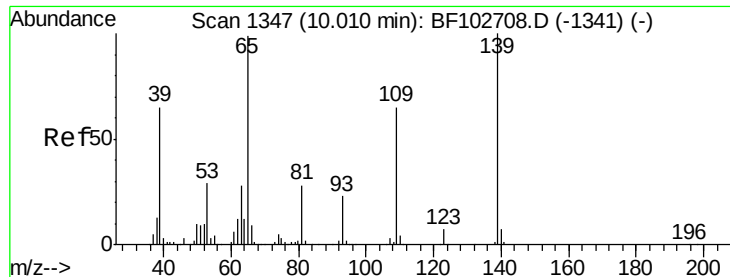
Tgt Ion:184 Resp: 179489
Ion Ratio Lower Upper
184 100
63 84.7 54.2 81.2#
154 66.0 184.0 276.0#



#54
Dibenzofuran
Concen: 41.045 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion:168 Resp: 1196411
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 13.5 10.9 16.3

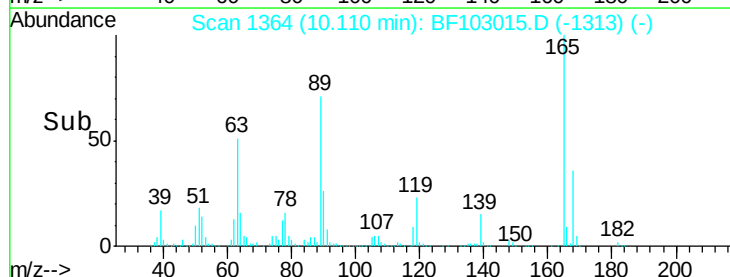
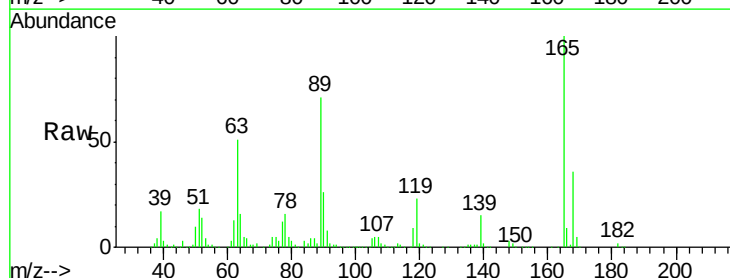
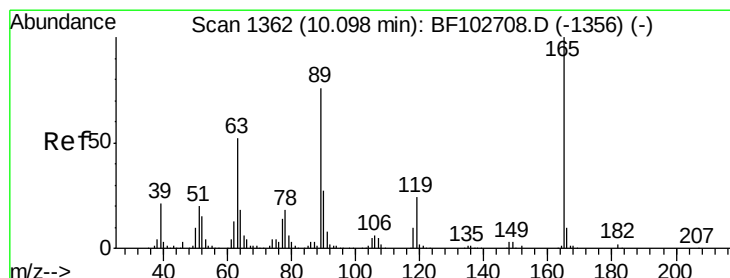
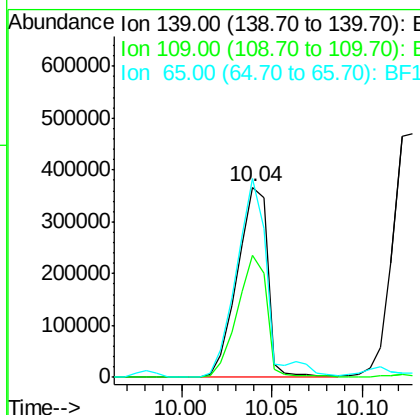




#55
4-Nitrophenol
Concen: 84.931 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

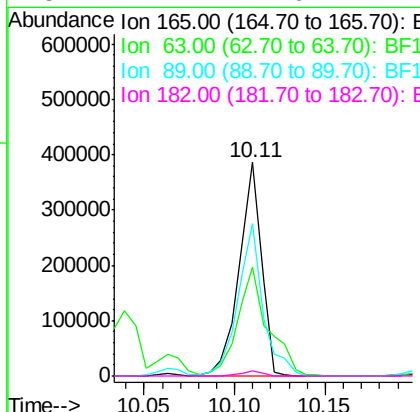
Instrument :
BNA_F
ClientSampleId :
PB106541BS

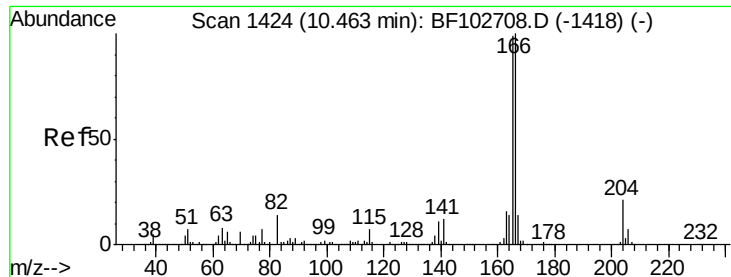
Tgt Ion:139 Resp: 429131
Ion Ratio Lower Upper
139 100
109 64.1 48.4 88.4
65 104.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.542 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion:165 Resp: 331698
Ion Ratio Lower Upper
165 100
63 50.7 36.4 54.6
89 71.4 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 43.244 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

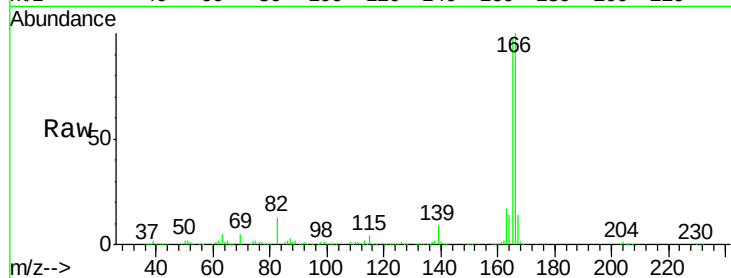
Tgt Ion:166 Resp: 917117

Ion Ratio Lower Upper

166 100

165 98.2 79.8 119.8

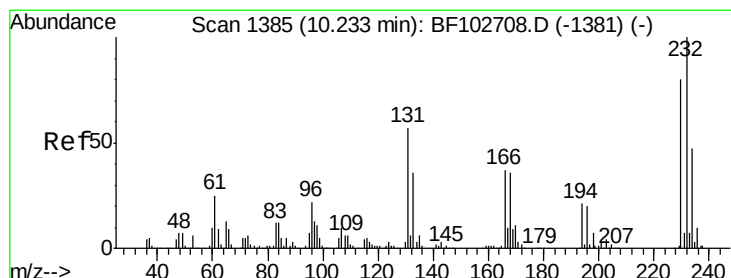
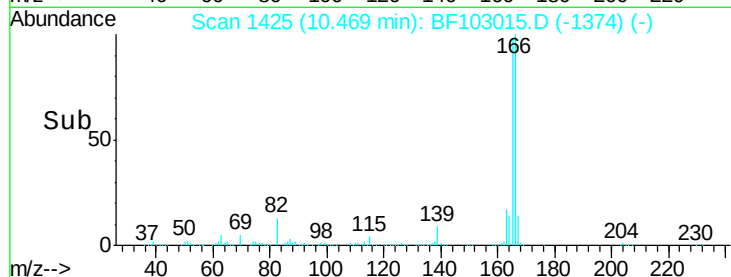
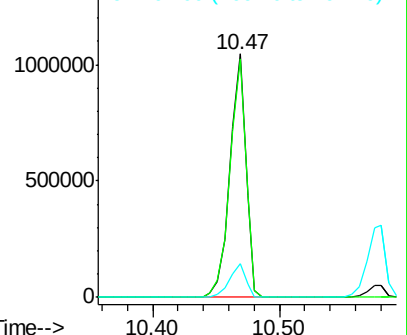
167 13.7 10.6 16.0



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: 47.909 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Tgt Ion:232 Resp: 224769

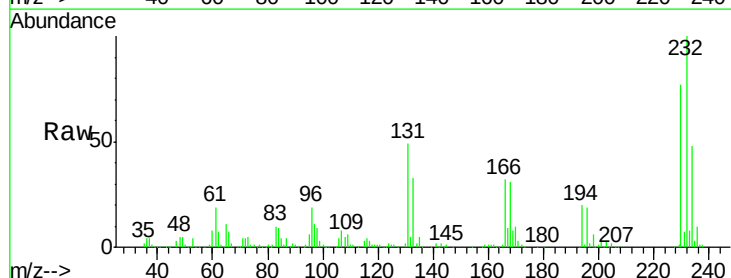
Ion Ratio Lower Upper

232 100

131 55.5 43.8 65.8

130 2.7 2.1 3.1

166 35.7 27.8 41.6

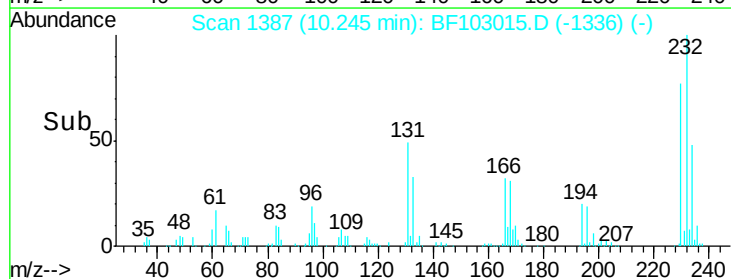
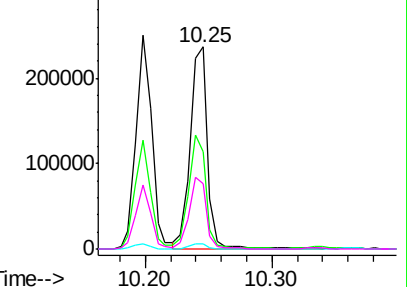


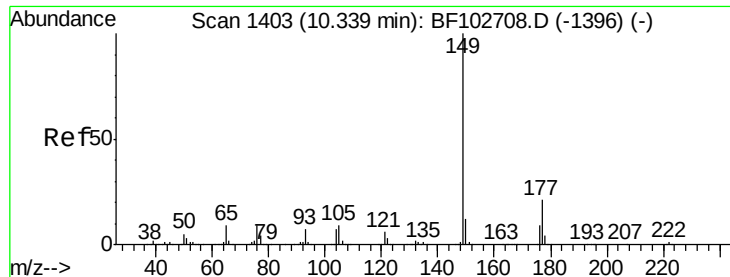
Abundance Ion 232.00 (231.70 to 232.70): E

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

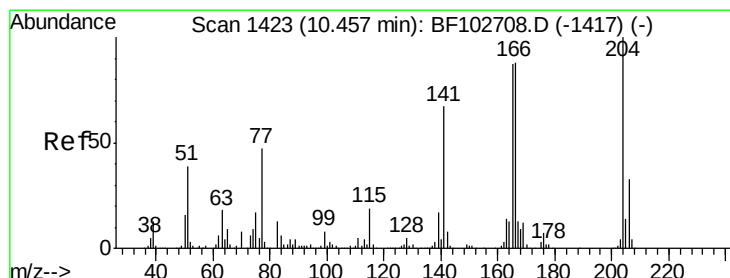
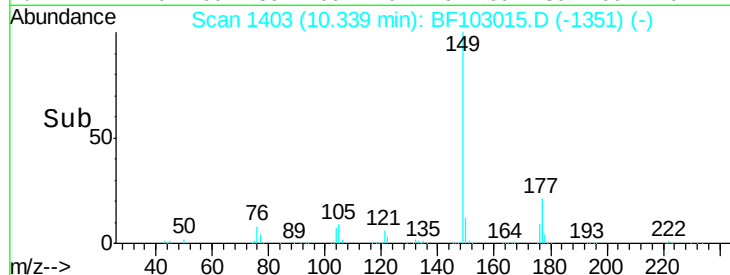
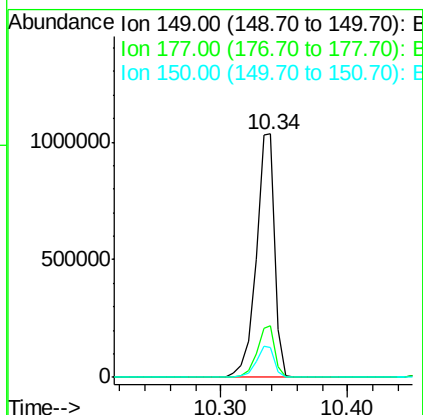
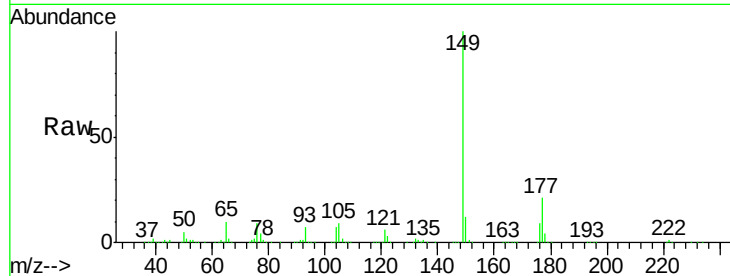




#59
Diethylphthalate
Concen: 41.003 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

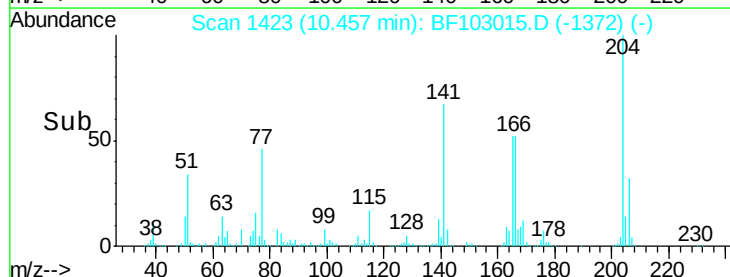
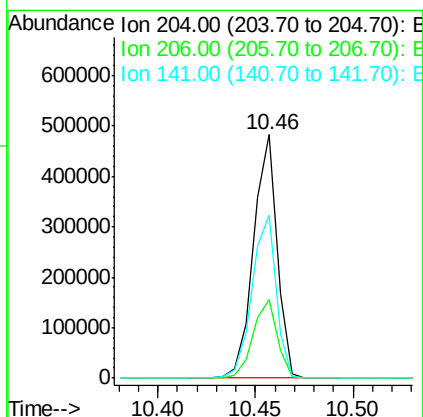
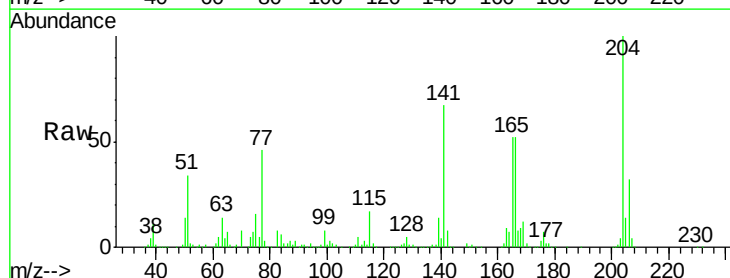
Instrument :
BNA_F
ClientSampleId :
PB106541BS

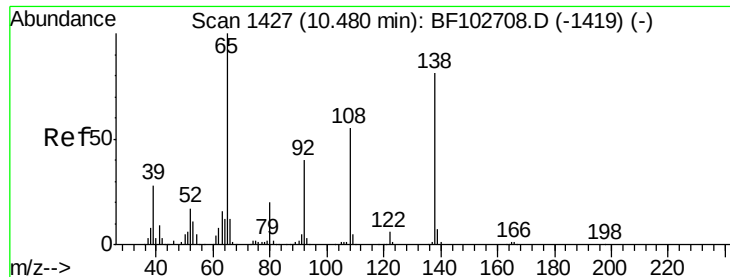
Tgt Ion:149 Resp: 1060117
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.106 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion:204 Resp: 404406
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 66.7 54.6 81.8

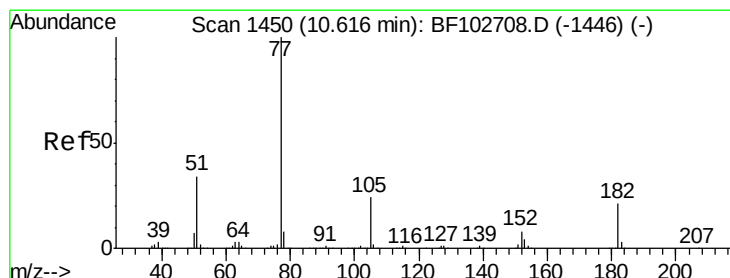
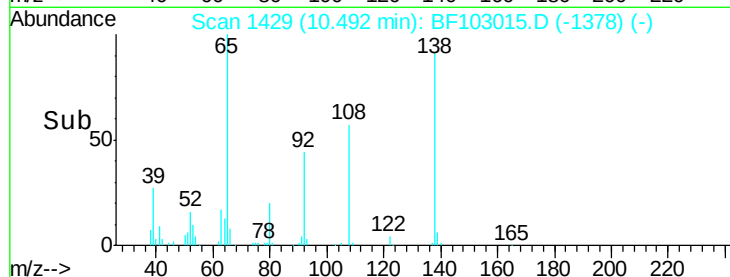
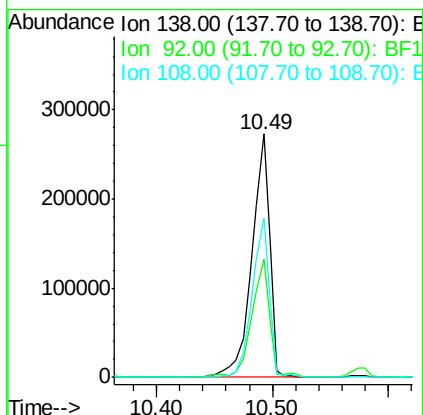
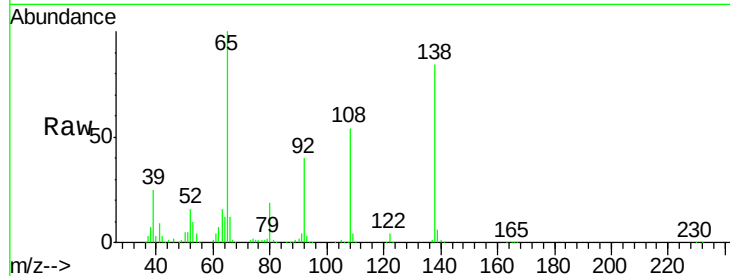




#61
4-Nitroaniline
Concen: 50.275 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

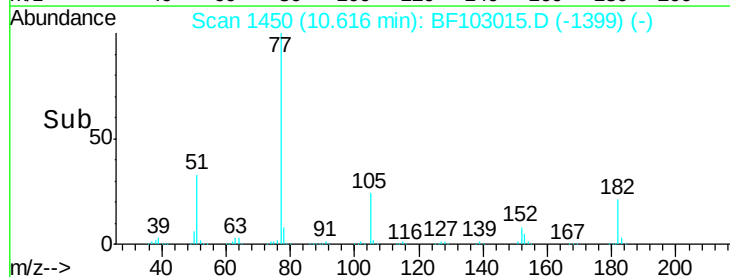
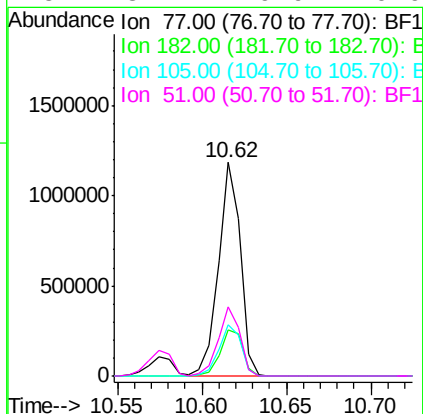
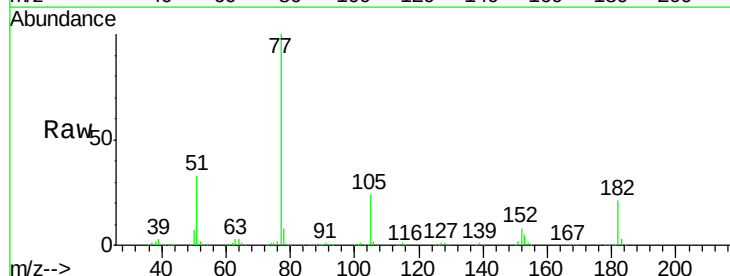
Instrument :
BNA_F
ClientSampleId :
PB106541BS

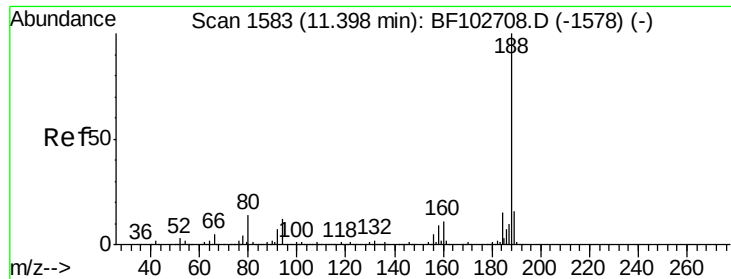
Tgt Ion:138 Resp: 293332
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 65.1 52.5 92.5



#62
Azobenzene
Concen: 41.521 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion: 77 Resp: 1072438
Ion Ratio Lower Upper
77 100
182 21.4 1.7 41.7
105 24.3 3.0 43.0
51 32.7 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

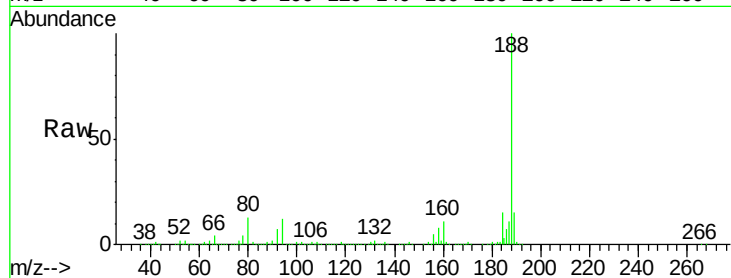
Tgt Ion:188 Resp: 606249

Ion Ratio Lower Upper

188 100

94 12.4 8.5 12.7

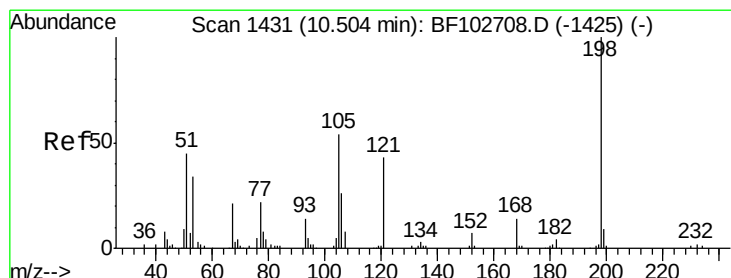
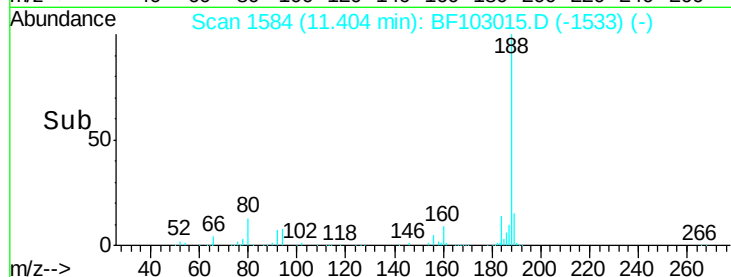
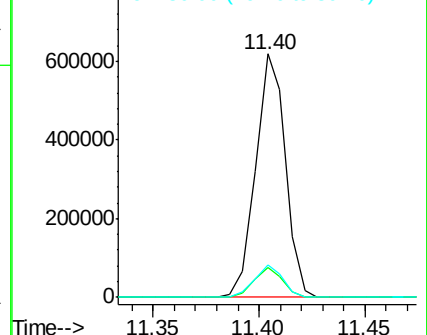
80 13.5 9.2 13.8



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: 52.754 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

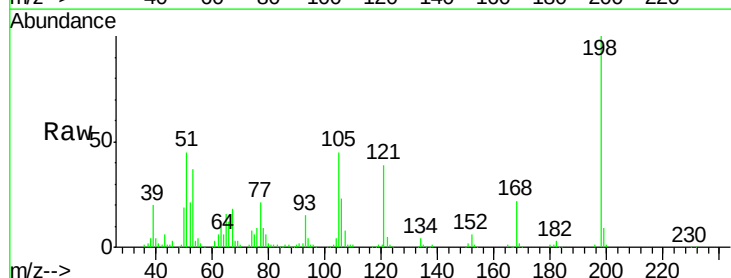
Tgt Ion:198 Resp: 137727

Ion Ratio Lower Upper

198 100

51 45.4 37.7 77.7

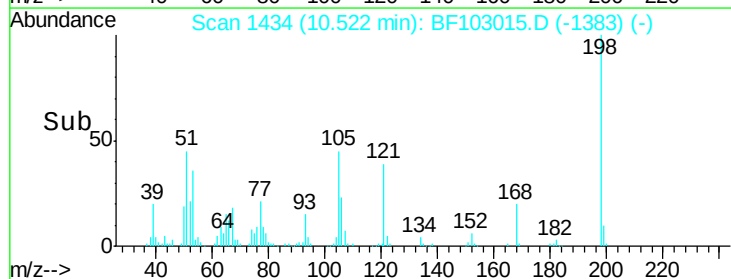
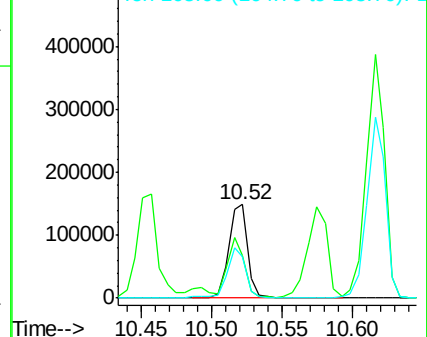
105 44.7 36.3 76.3

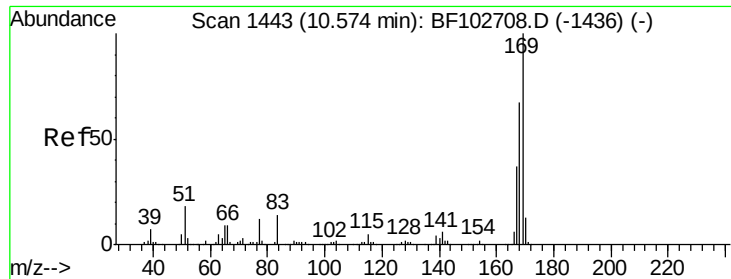


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.260 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

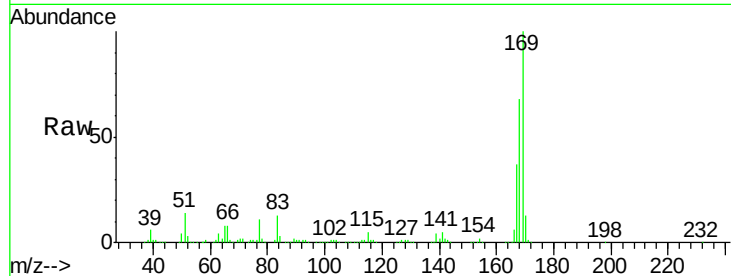
Tgt Ion:169 Resp: 860926

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

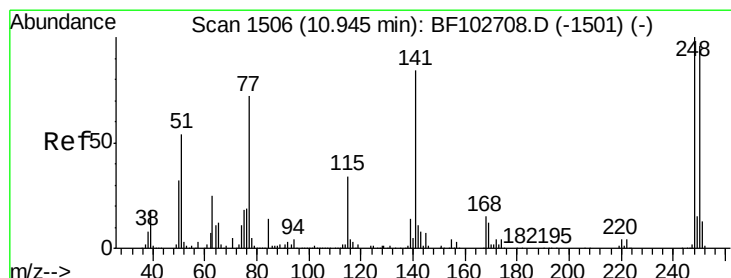
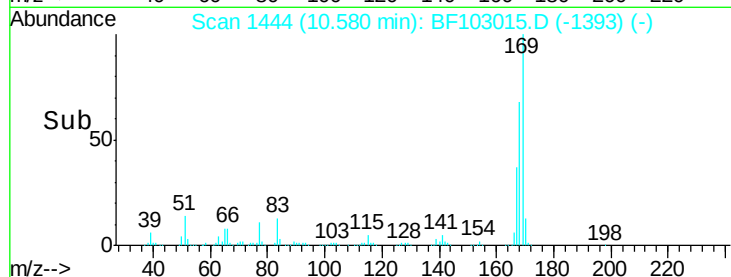
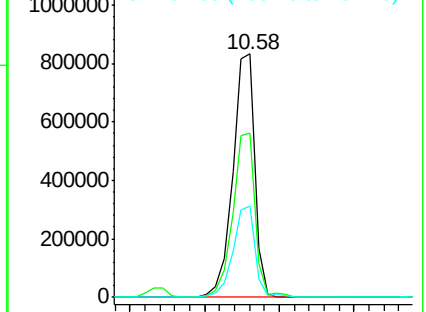
167 37.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.045 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

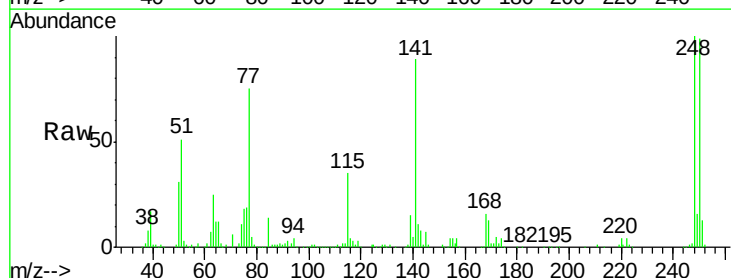
Tgt Ion:248 Resp: 256811

Ion Ratio Lower Upper

248 100

250 99.0 76.9 115.3

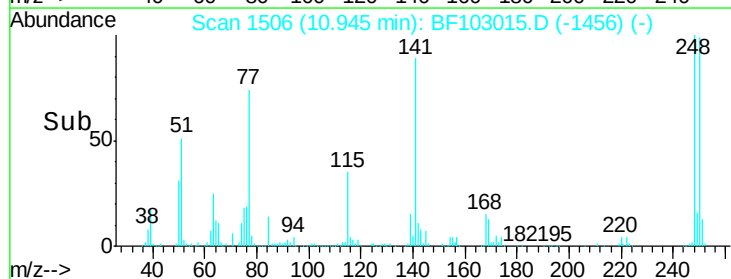
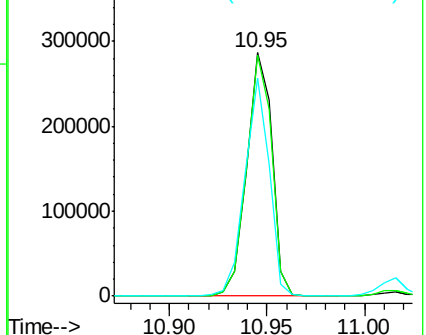
141 89.3 74.4 111.6

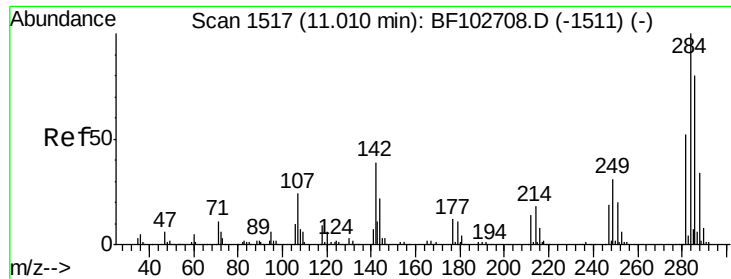


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

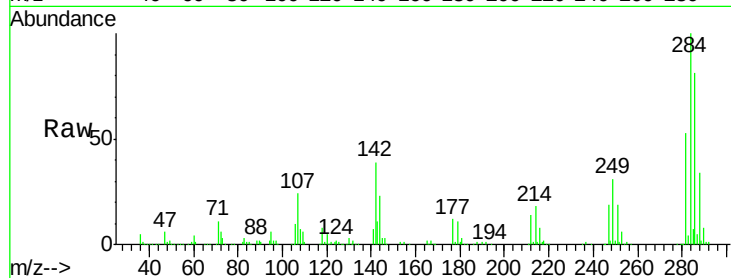




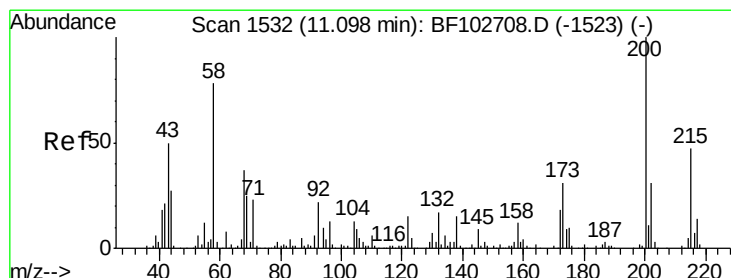
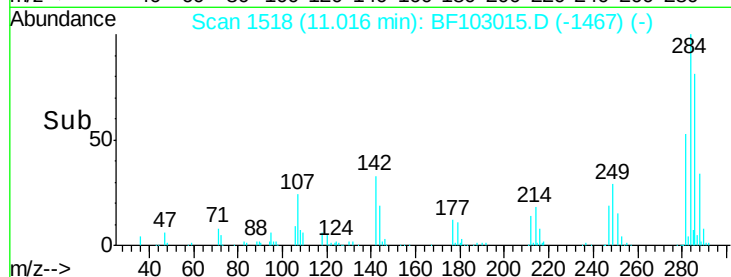
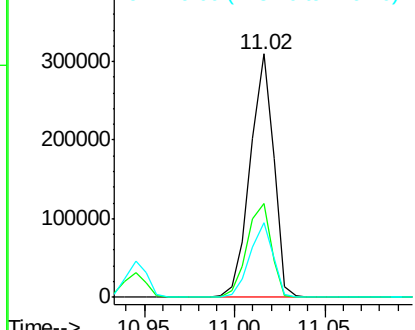
#67
Hexachlorobenzene
Concen: 39.557 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB106541BS

Tgt Ion:284 Resp: 279854
Ion Ratio Lower Upper
284 100
142 38.7 34.6 52.0
249 30.9 24.8 37.2

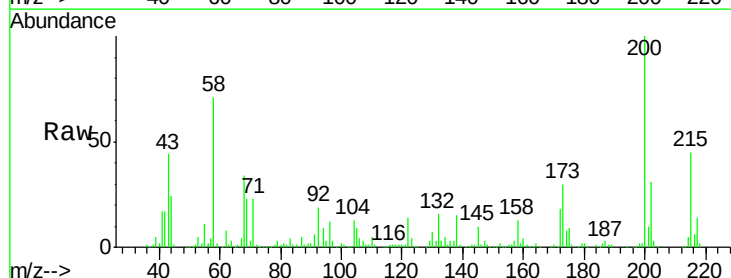


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

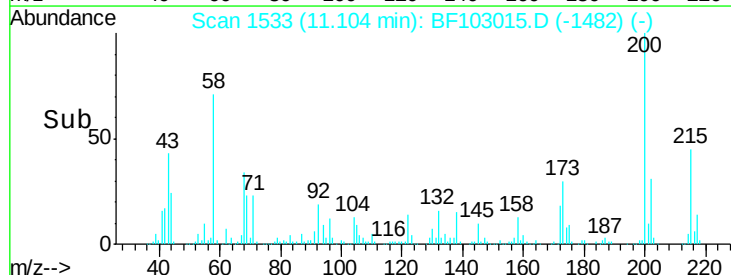
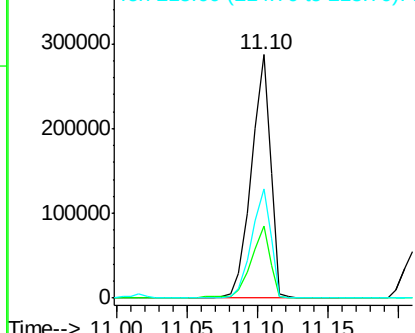


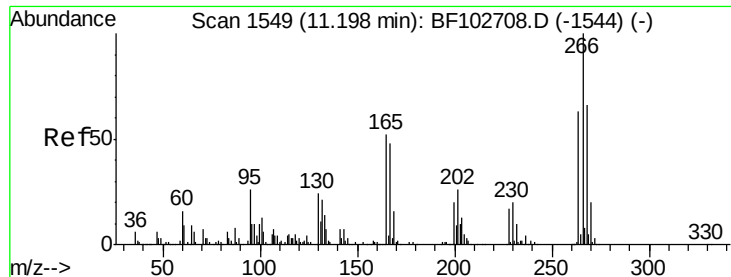
#68
Atrazine
Concen: 43.649 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion:200 Resp: 275362
Ion Ratio Lower Upper
200 100
173 29.8 8.6 48.6
215 44.6 25.1 65.1



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

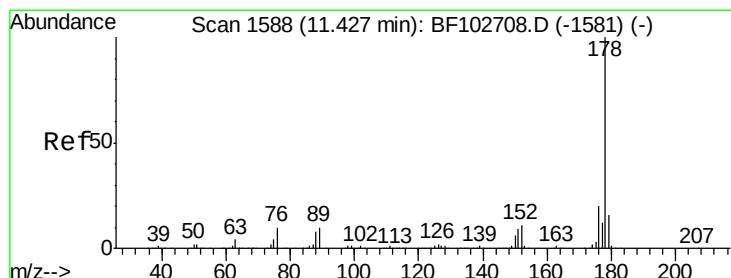
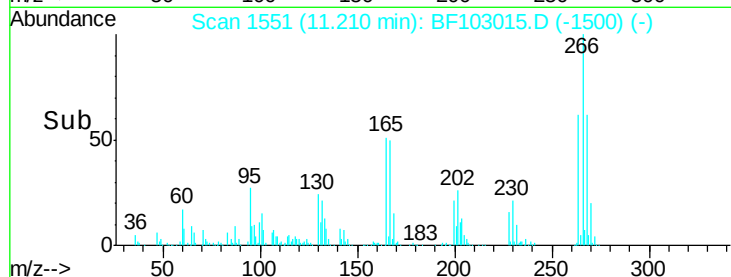
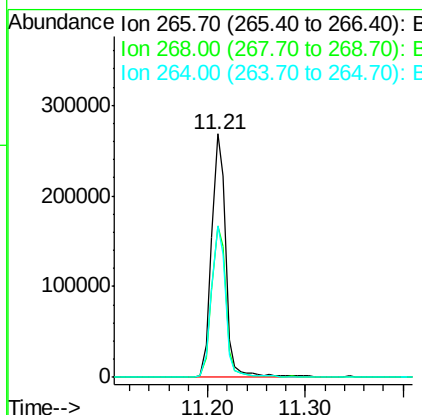
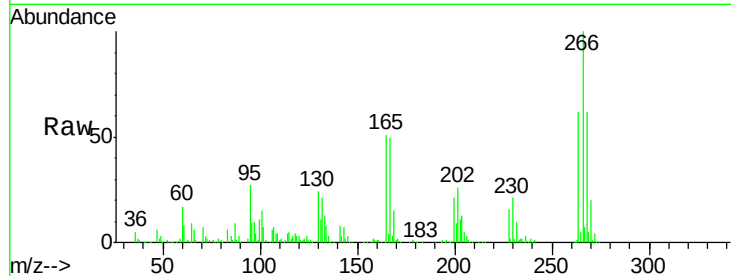




#69
 Pentachlorophenol
 Concen: 65.862 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

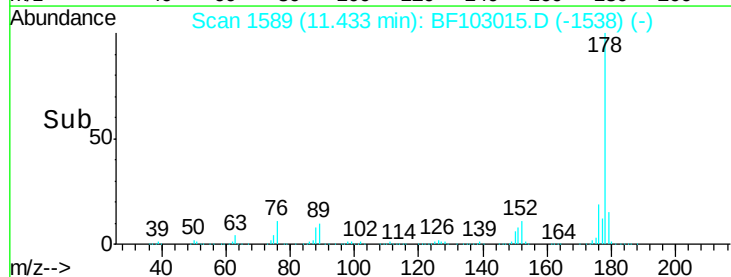
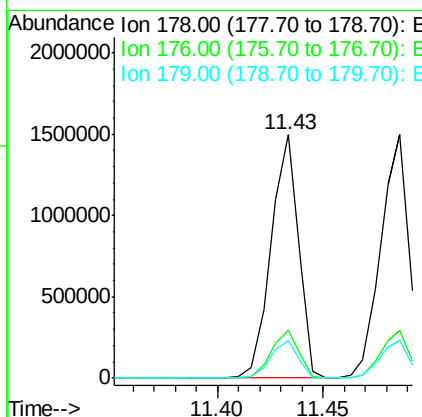
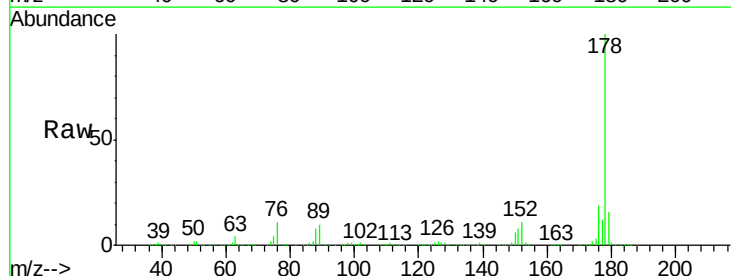
Instrument :
 BNA_F
 ClientSampleId :
 PB106541BS

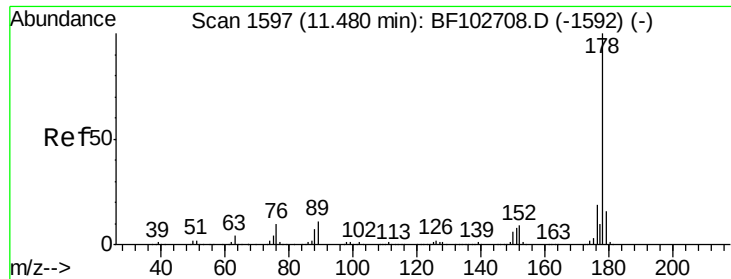
Tgt Ion: 266 Resp: 273526
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 62.2 49.5 74.3



#70
 Phenanthrene
 Concen: 40.074 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

Tgt Ion: 178 Resp: 1353053
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.6 13.0 19.6

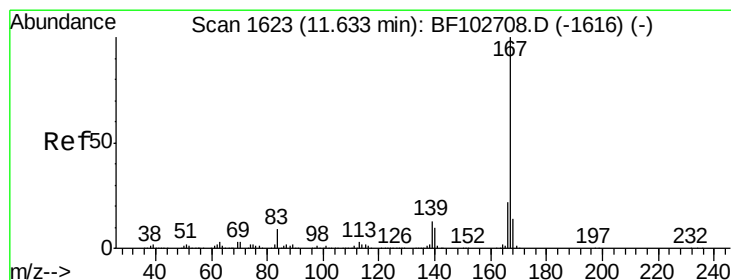
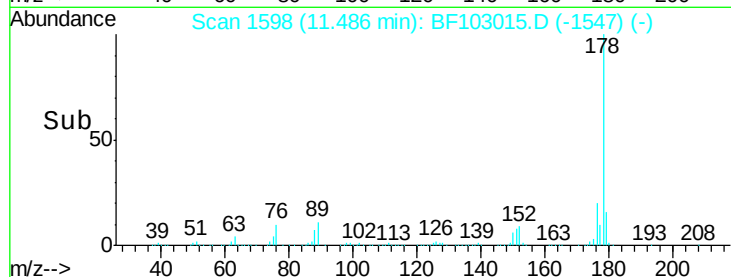
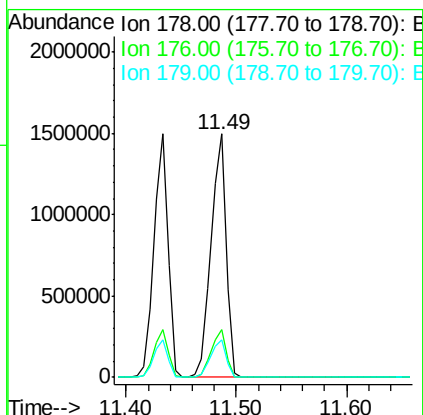
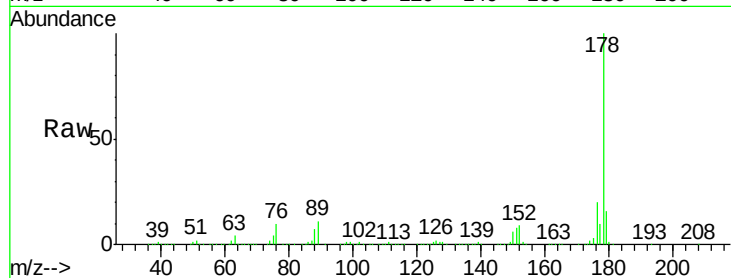




#71
 Anthracene
 Concen: 40.667 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

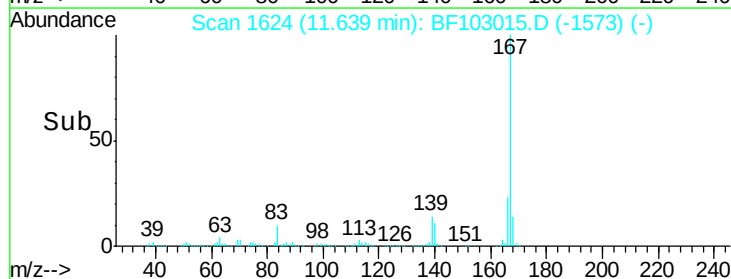
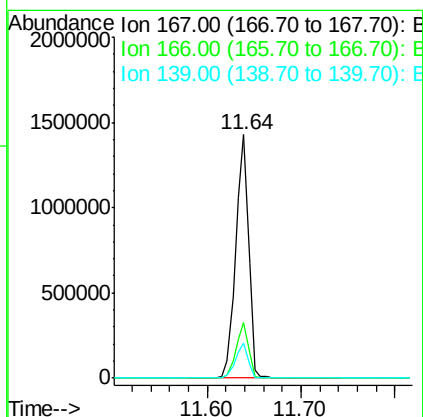
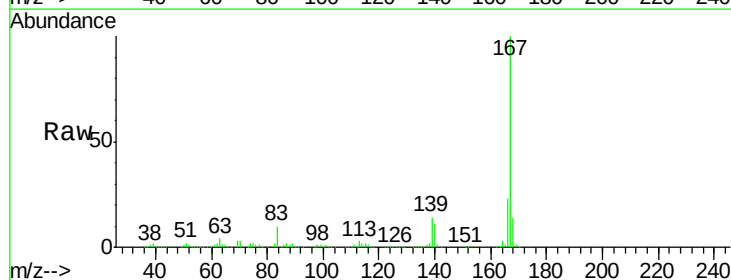
Instrument :
 BNA_F
 ClientSampleId :
 PB106541BS

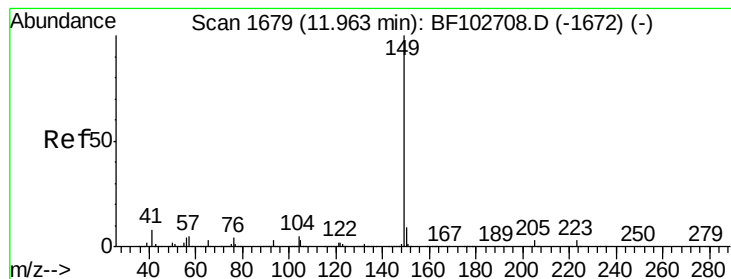
Tgt Ion:178 Resp: 1396551
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 40.251 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

Tgt Ion:167 Resp: 1354200
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.699 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

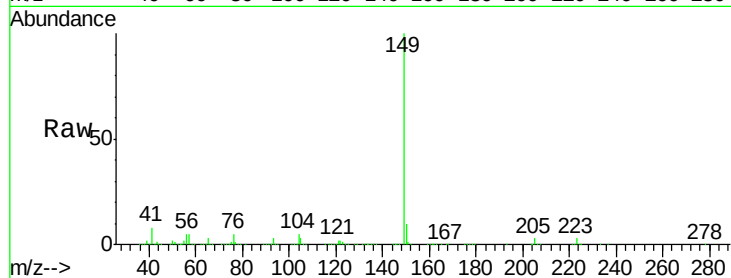
Tgt Ion:149 Resp: 1704171

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

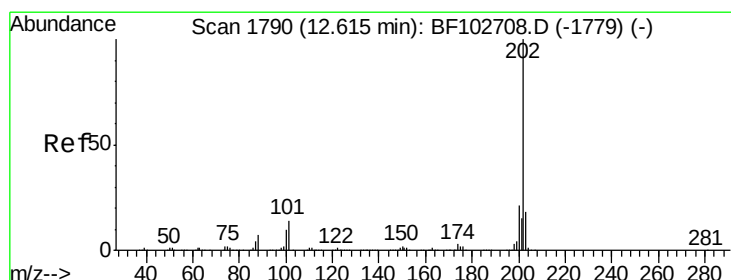
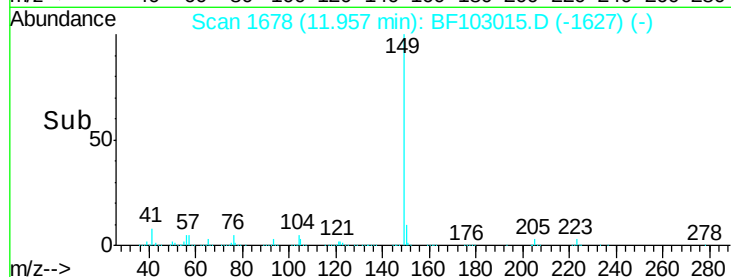
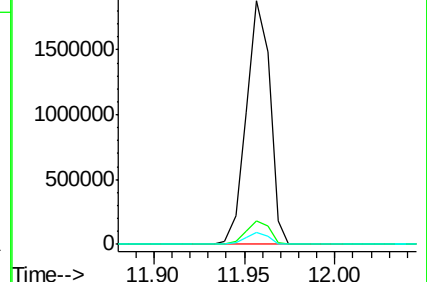
104 4.8 3.8 5.8



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: 41.611 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

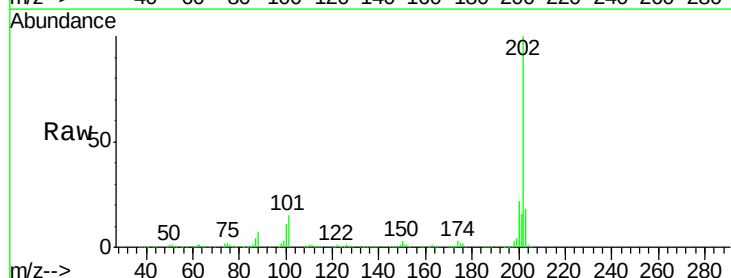
Tgt Ion:202 Resp: 1413552

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

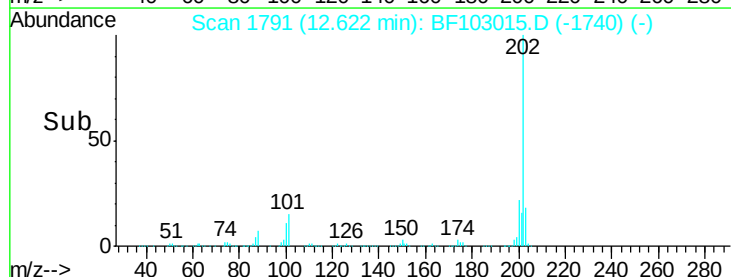
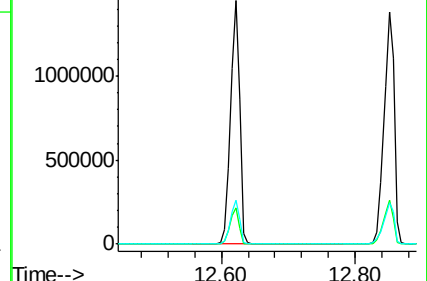
203 18.1 0.0 38.1

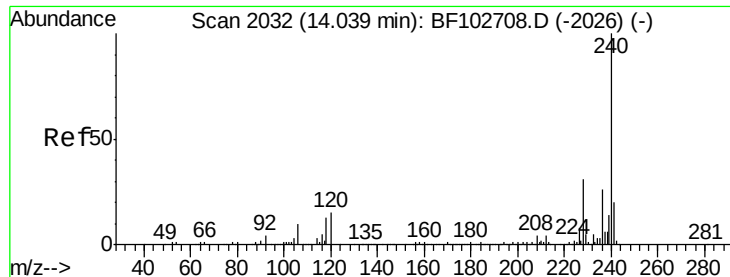


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

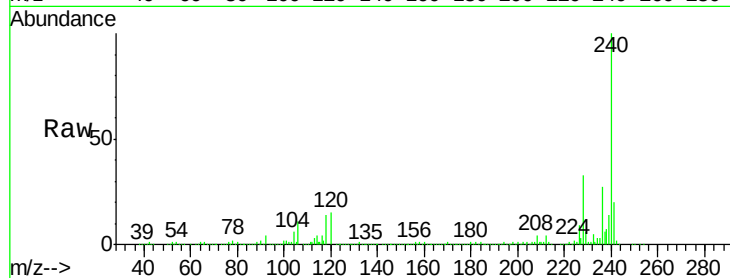
Tgt Ion:240 Resp: 450903

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

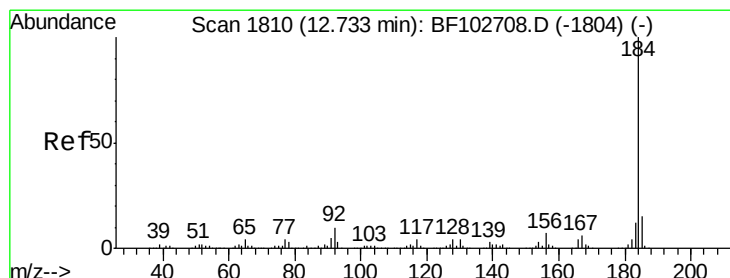
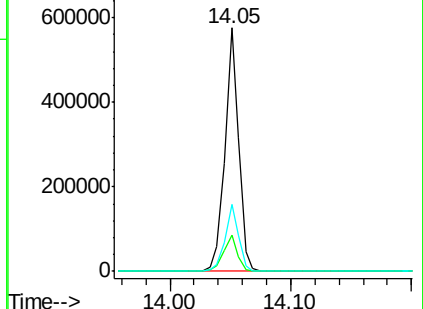
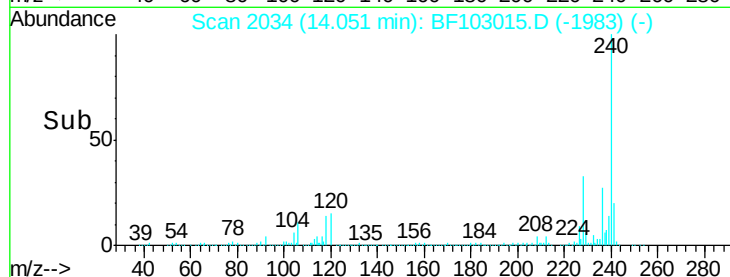
236 27.3 20.7 31.1



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: 25.879 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

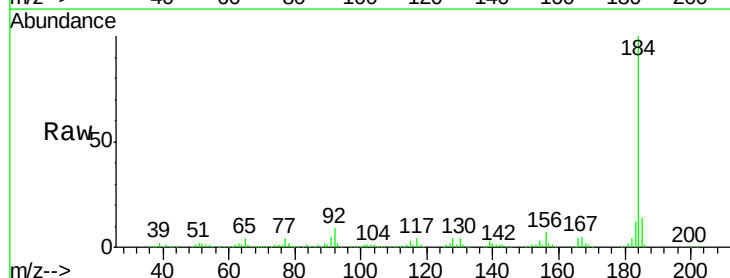
Tgt Ion:184 Resp: 536304

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

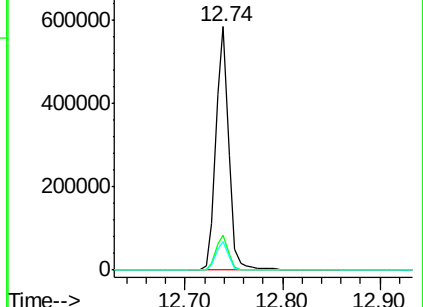
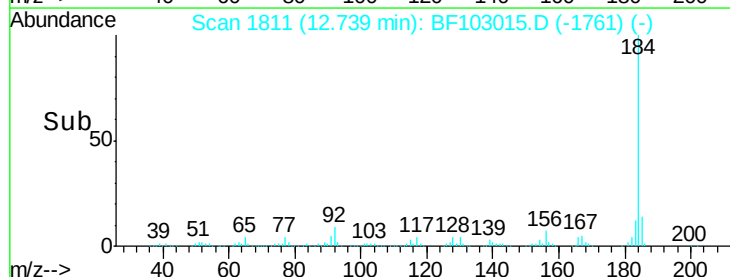
183 11.8 9.3 13.9

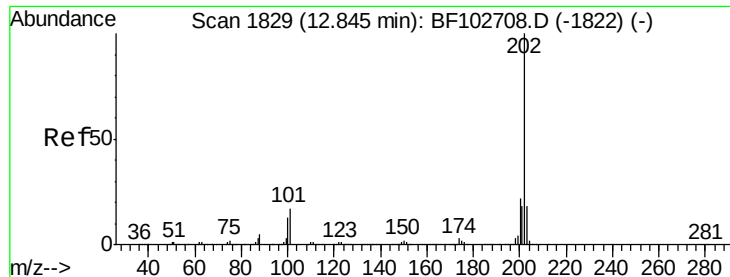


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.280 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

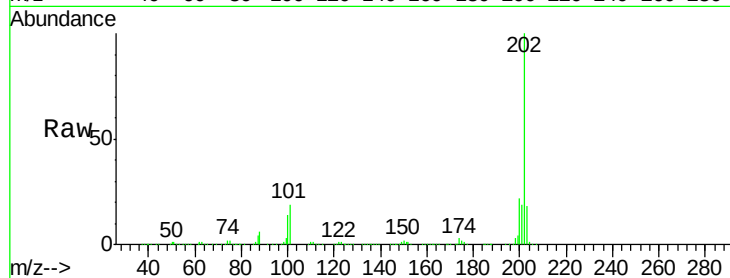
Tgt Ion:202 Resp: 1424227

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

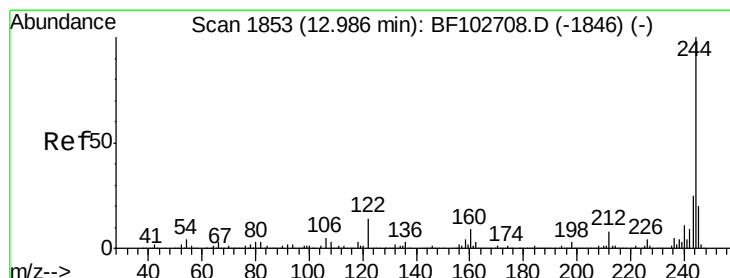
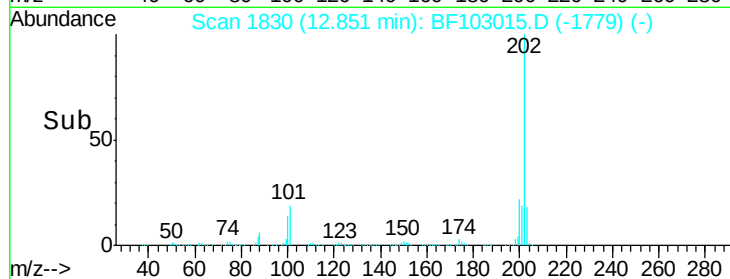
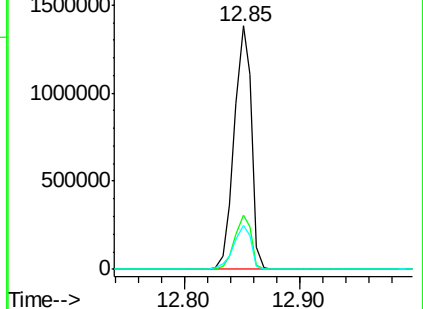
203 17.9 14.3 21.5



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: 84.467 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

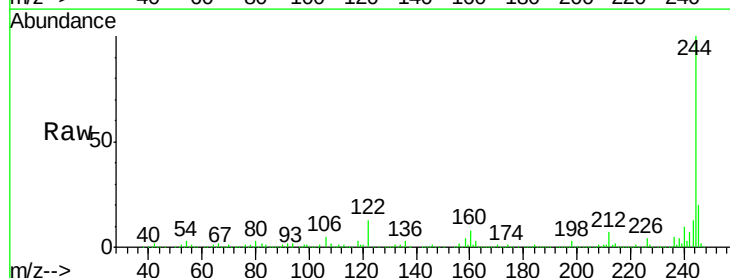
Tgt Ion:244 Resp: 1608541

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

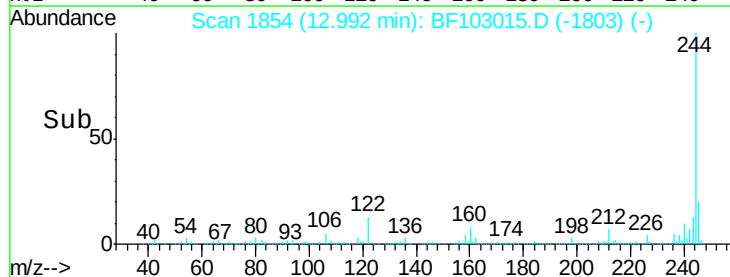
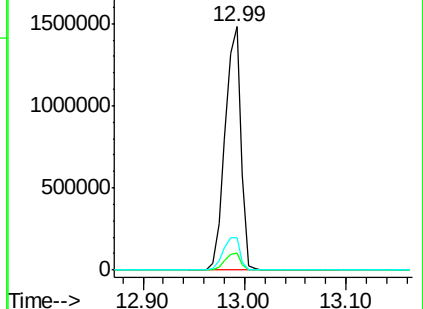
122 13.2 11.0 16.4

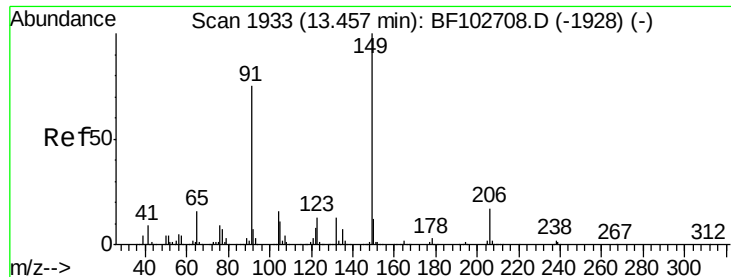


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

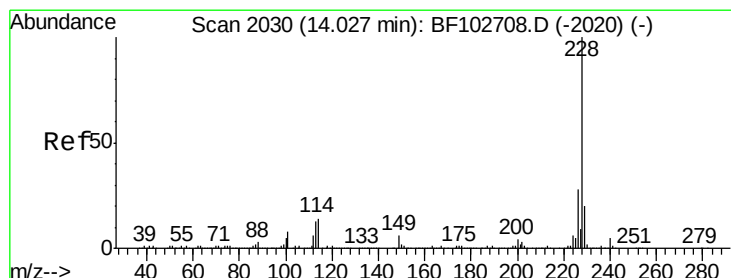
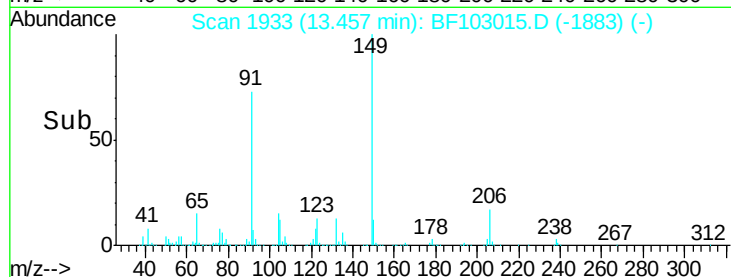
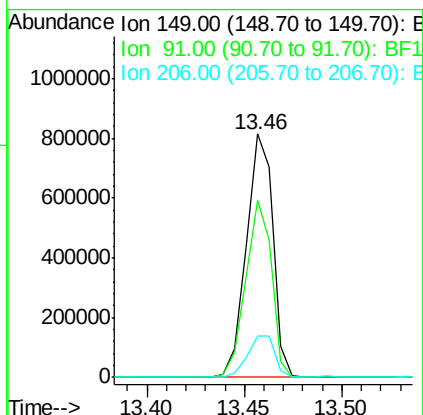
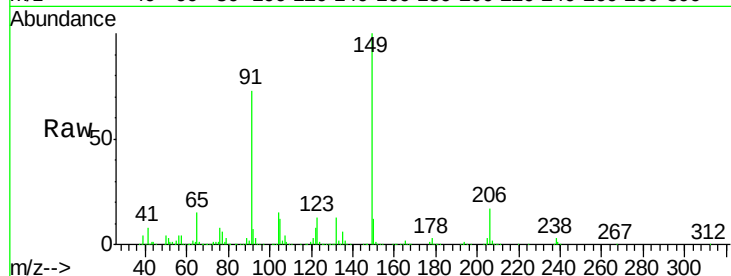




#79
Butylbenzylphthalate
Concen: 45.348 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

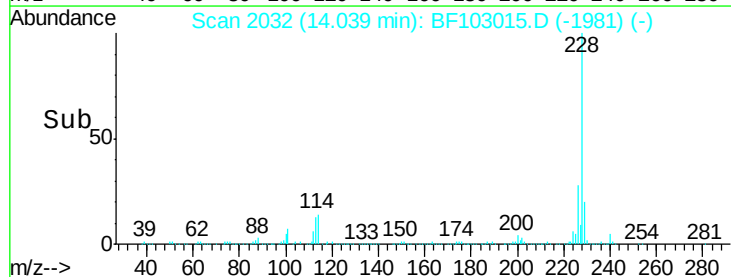
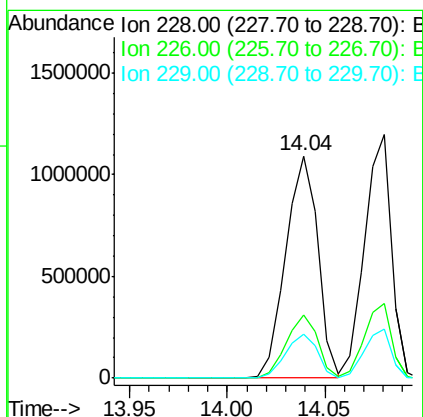
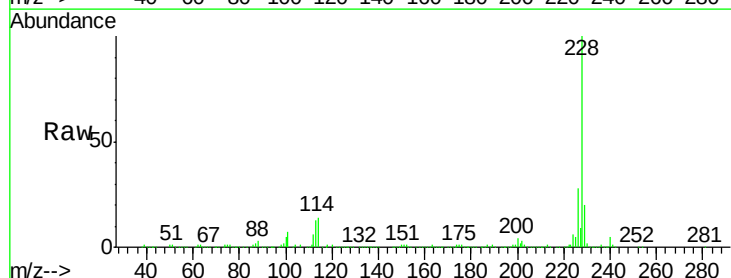
Instrument :
BNA_F
ClientSampleId :
PB106541BS

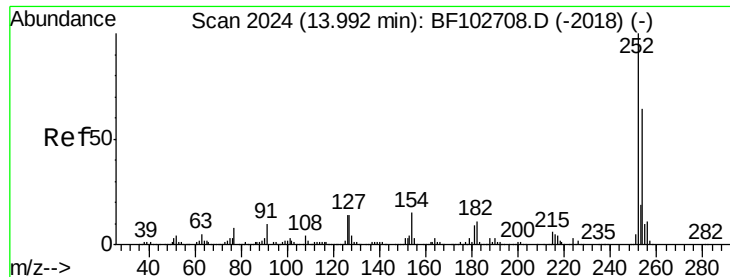
Tgt Ion:149 Resp: 765982
Ion Ratio Lower Upper
149 100
91 72.5 56.8 85.2
206 17.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.994 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion:228 Resp: 1247564
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 20.0 15.8 23.6

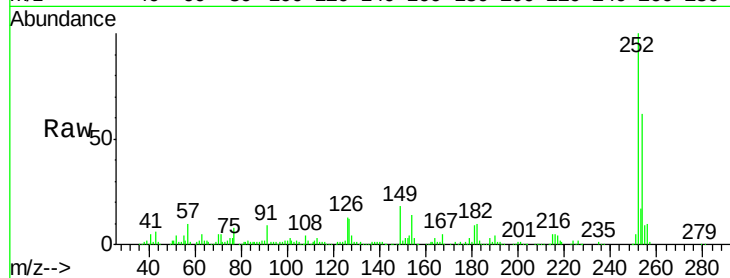




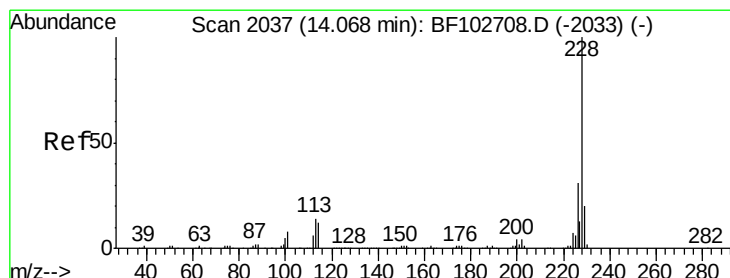
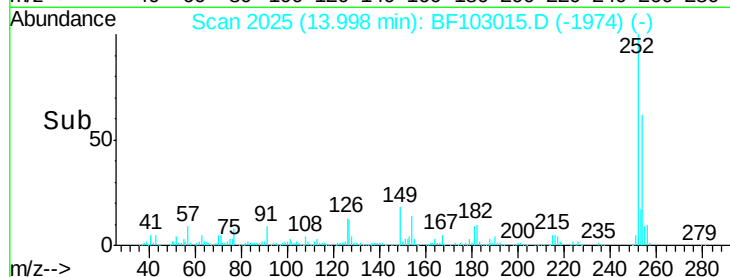
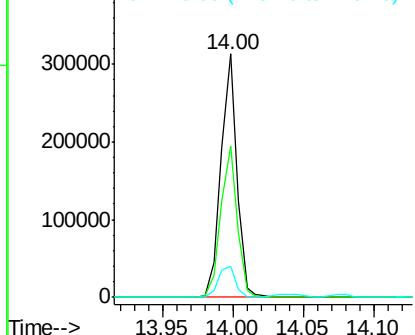
#81
 3,3'-Dichlorobenzidine
 Concen: 23.595 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB106541BS

Tgt Ion:252 Resp: 248088
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.4 75.6
 126 13.0 11.3 16.9

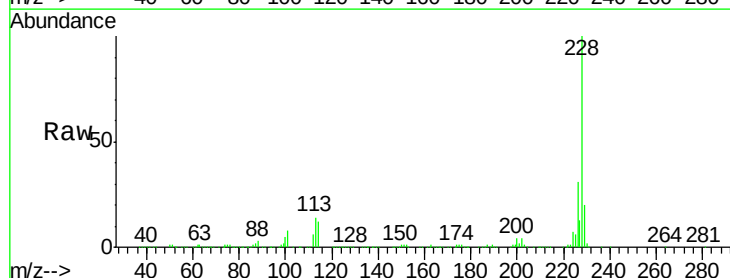


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

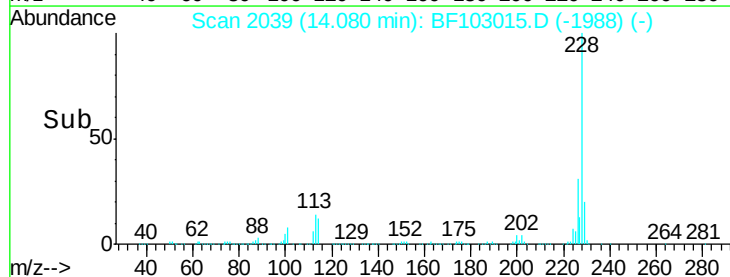
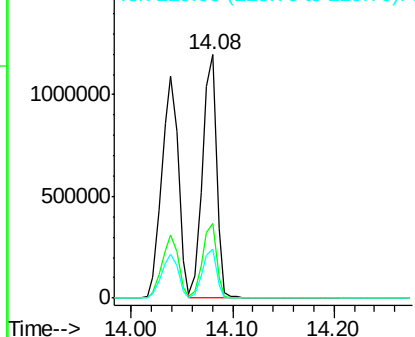


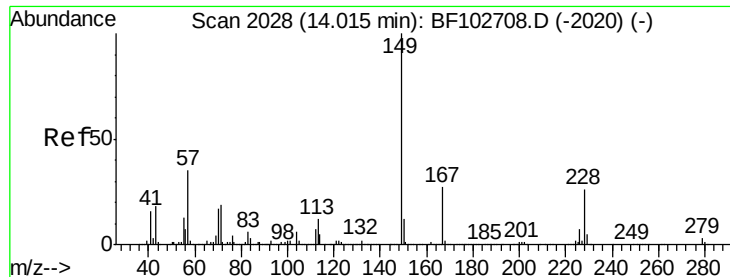
#82
 Chrysene
 Concen: 40.364 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

Tgt Ion:228 Resp: 1153839
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.1 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.987 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

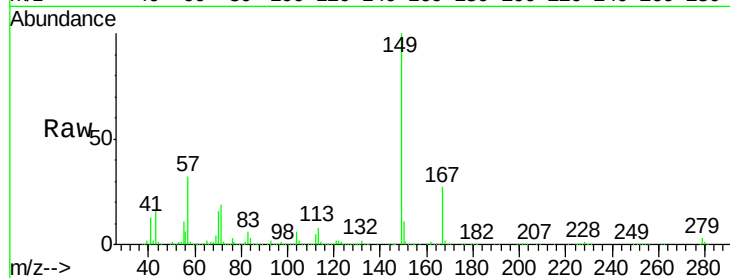
Tgt Ion:149 Resp: 1039396

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

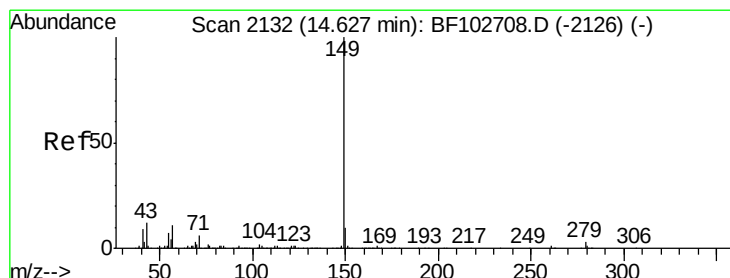
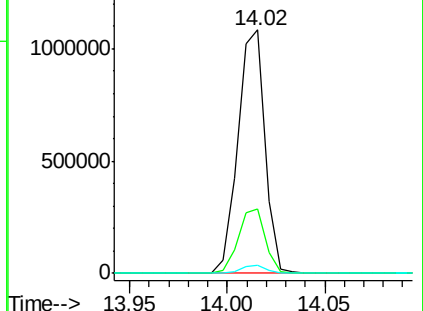
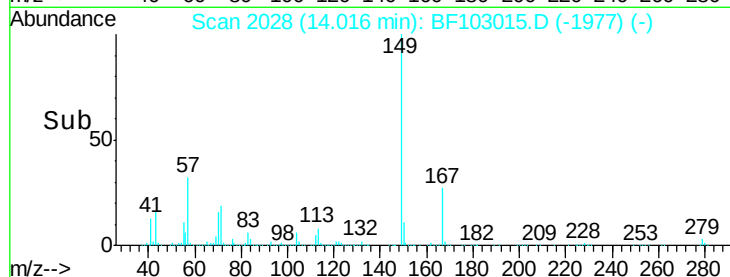
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.827 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

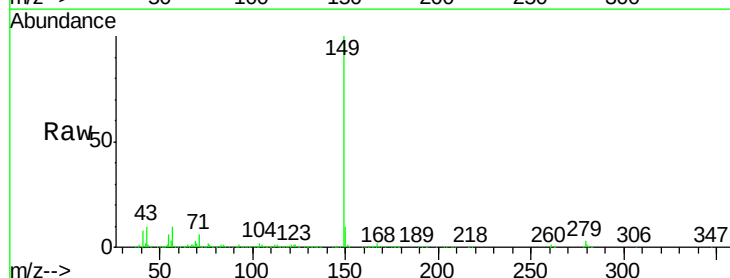
Tgt Ion:149 Resp: 1750593

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

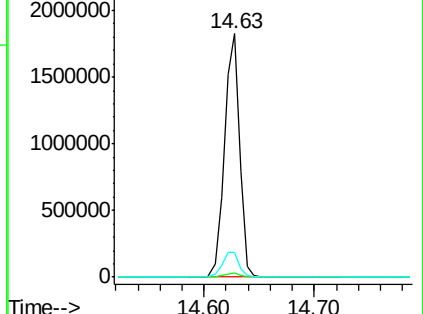
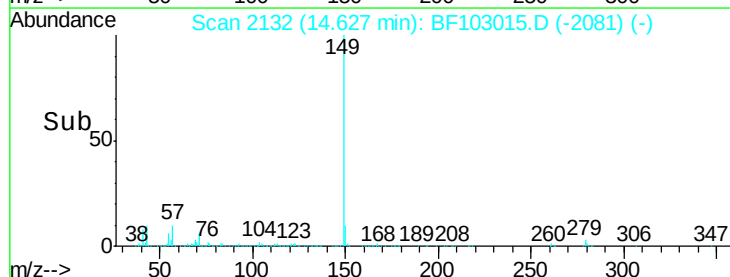
43 10.7 8.4 12.6

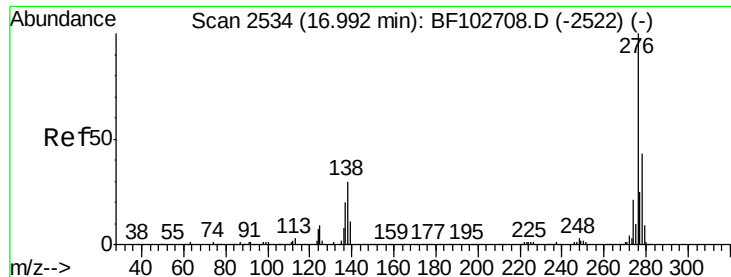


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

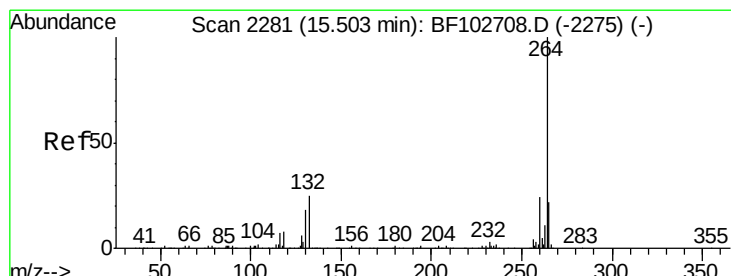
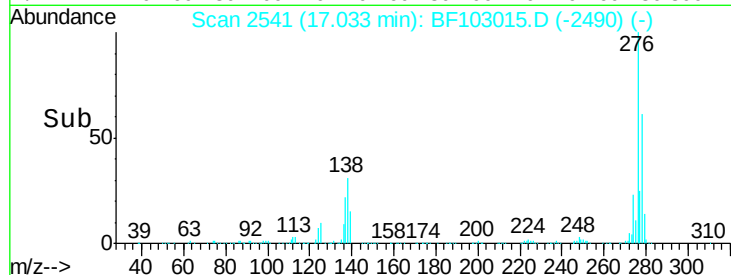
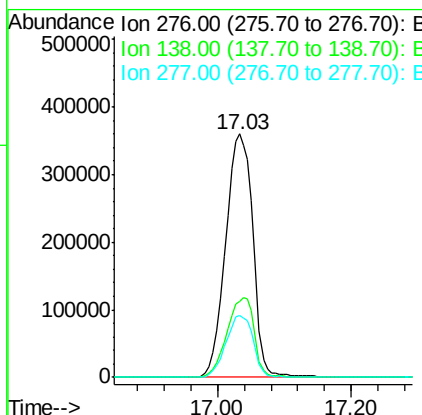
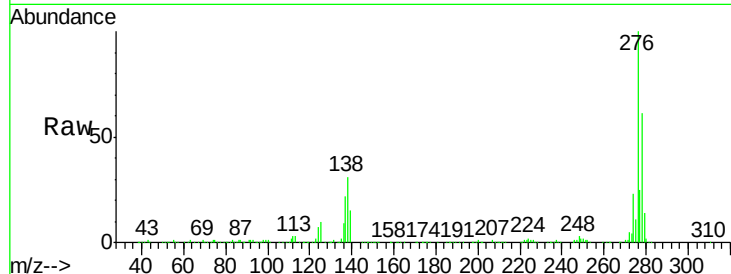




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.689 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. 0.00 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

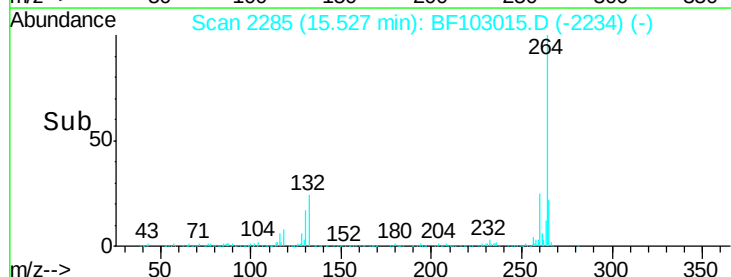
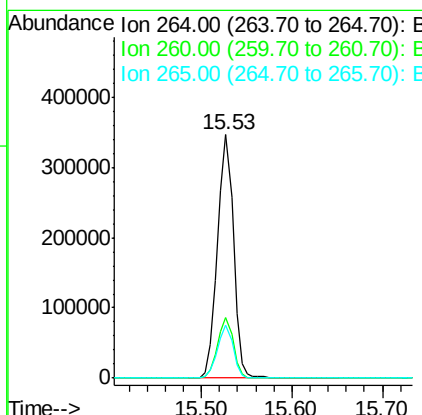
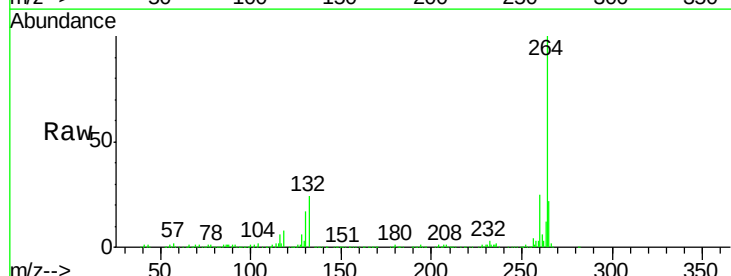
Instrument :
 BNA_F
 ClientSampleId :
 PB106541BS

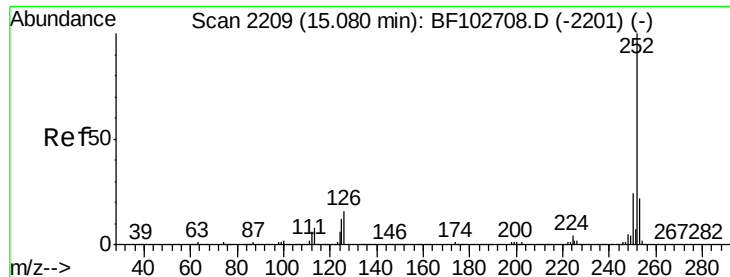
Tgt Ion: 276 Resp: 1035810
 Ion Ratio Lower Upper
 276 100
 138 32.8 25.0 37.6
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF103015.D
 Acq: 15 Feb 2018 14:04

Tgt Ion: 264 Resp: 423665
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 21.9 17.5 26.3

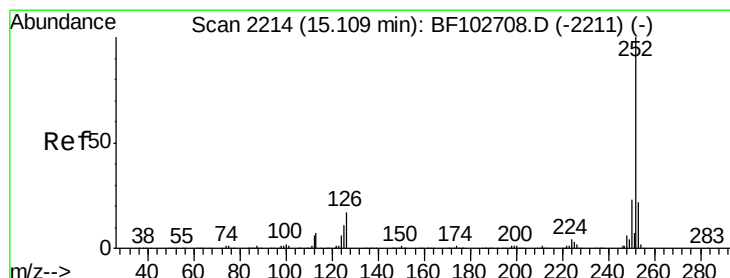
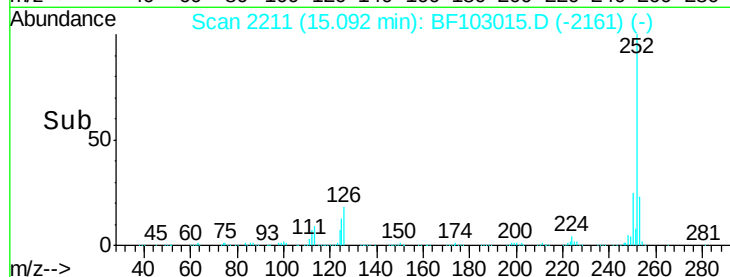
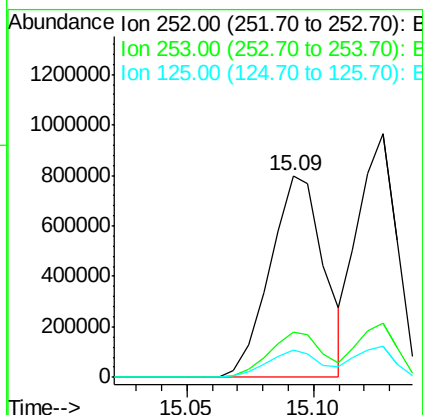
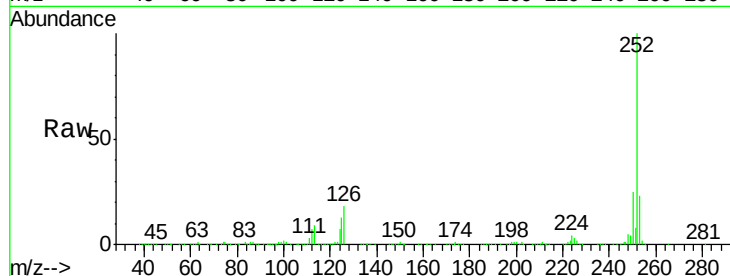




#87
Benzo(b)fluoranthene
Concen: 43.267 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

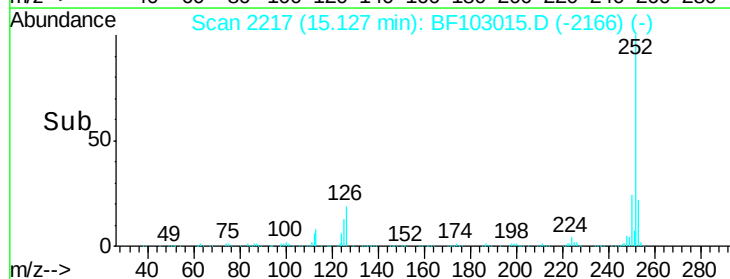
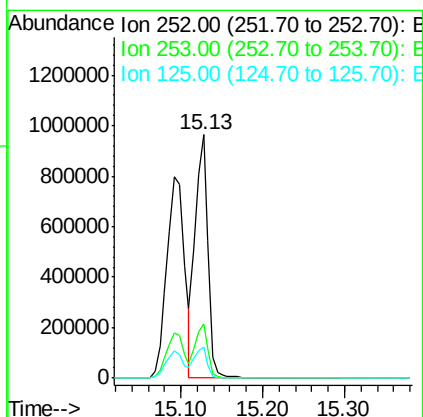
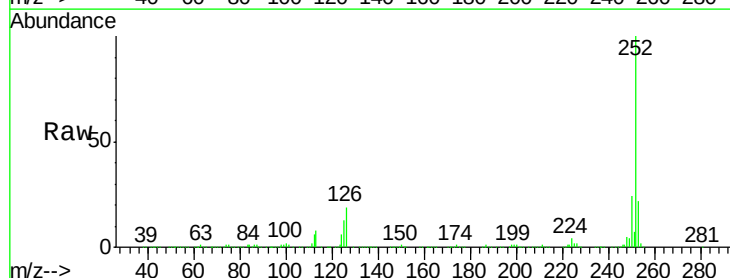
Instrument :
BNA_F
ClientSampleId :
PB106541BS

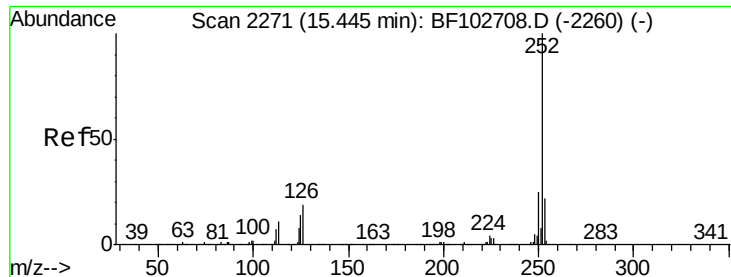
Tgt Ion:252 Resp: 1188450
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.076 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF103015.D
Acq: 15 Feb 2018 14:04

Tgt Ion:252 Resp: 1051795
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.770 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

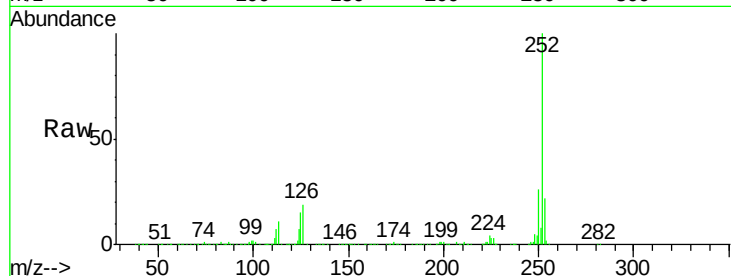
Tgt Ion:252 Resp: 1057469

Ion Ratio Lower Upper

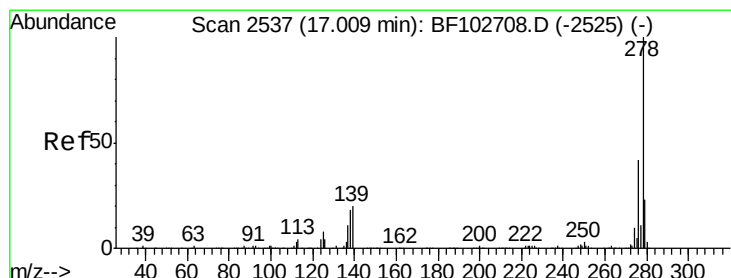
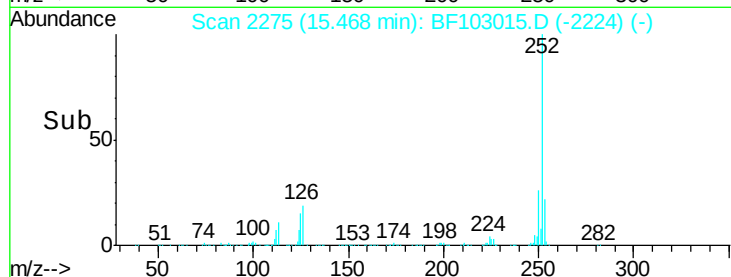
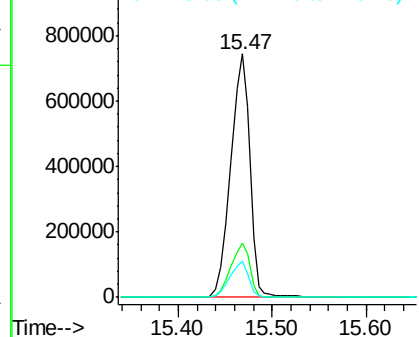
252 100

253 22.2 17.1 25.7

125 14.8 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: 42.839 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

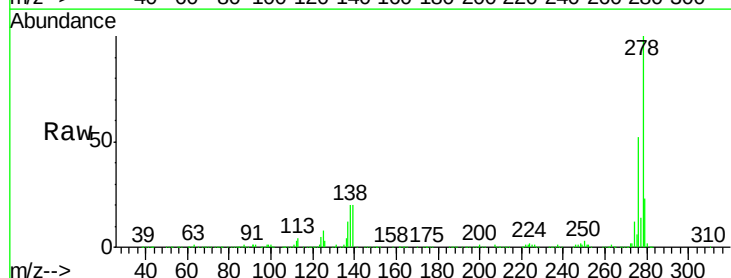
Tgt Ion:278 Resp: 859697

Ion Ratio Lower Upper

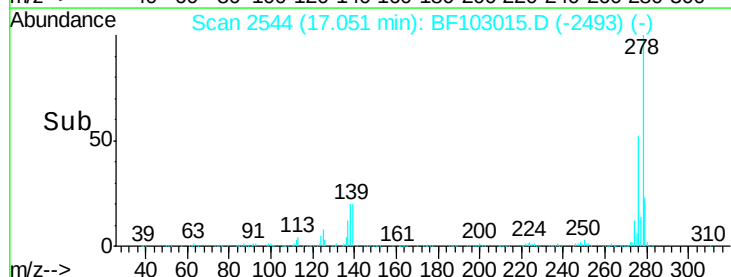
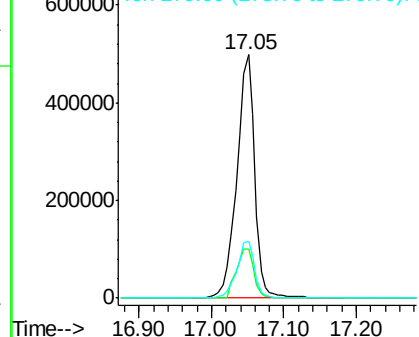
278 100

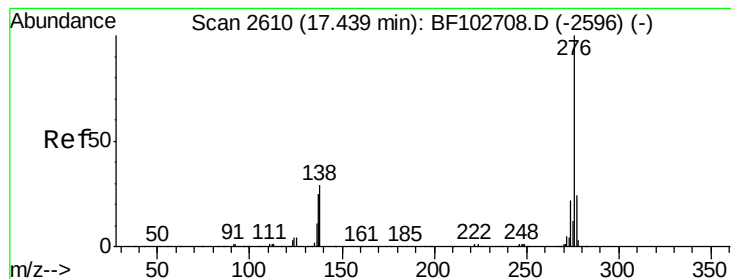
139 20.1 15.9 23.9

279 23.3 19.0 28.4



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





#91

Benzo(g,h,i)perylene

Concen: 44.575 ng

RT: 17.49 min Scan# 2619

Delta R.T. 0.00 min

Lab File: BF103015.D

Acq: 15 Feb 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB106541BS

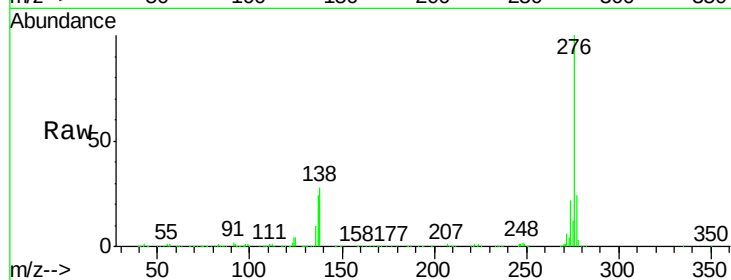
Tgt Ion: 276 Resp: 875554

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 28.2 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

