

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103069.D
 Acq On : 19 Feb 2018 9:22
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 19 10:28:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	175753	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	742294	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	336937	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	600111	20.00	ng	0.00
75) Chrysene-d12	14.06	240	458147	20.00	ng	0.00
86) Perylene-d12	15.55	264	442805	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	893493	77.21	ng	0.00
7) Phenol-d6	6.52	99	1071027	76.86	ng	0.00
23) Nitrobenzene-d5	7.45	82	947399	88.54	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	231095	85.21	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1497234	73.74	ng	0.00
78) Terphenyl-d14	13.00	244	1337319	69.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	225525	39.454	ng	88
3) Pyridine	3.42	79	632807	40.070	ng	91
4) n-Nitrosodimethylamine	3.38	42	253470	37.512	ng	97
6) Aniline	6.55	93	754910	36.685	ng	95
8) 2-Chlorophenol	6.67	128	466559	39.159	ng	96
9) Benzaldehyde	6.43	77	330490	31.937	ng	98
10) Phenol	6.53	94	615001	41.183	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	473519	38.106	ng	91
12) 1,3-Dichlorobenzene	6.82	146	527667	38.245	ng	99
13) 1,4-Dichlorobenzene	6.90	146	525552	38.239	ng	99
14) 1,2-Dichlorobenzene	7.05	146	485235	37.905	ng	99
15) Benzyl Alcohol	7.02	79	416855	38.910	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	824719	34.938	ng	99
17) 2-Methylphenol	7.13	107	420849	38.294	ng	99
18) Hexachloroethane	7.39	117	191543	40.642	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	317044	34.509	ng	96
20) 3+4-Methylphenols	7.29	107	474419	35.006	ng	# 75
22) Acetophenone	7.29	105	622920	34.293	ng	# 89
24) Nitrobenzene	7.47	77	519447	41.263	ng	97
25) Isophorone	7.70	82	903530	36.670	ng	100
26) 2-Nitrophenol	7.78	139	267074	50.990	ng	97
27) 2,4-Dimethylphenol	7.82	122	372195	35.755	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	549725	37.662	ng	100
29) 2,4-Dichlorophenol	8.02	162	373338	39.452	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	403482	37.690	ng	99
31) Naphthalene	8.19	128	1333146	36.759	ng	99
32) Benzoic acid	7.95	122	279737	40.718	ng	96
33) 4-Chloroaniline	8.23	127	596846	38.202	ng	97
34) Hexachlorobutadiene	8.30	225	207282	37.786	ng	97
35) Caprolactam	8.62	113	136655	41.582	ng	# 77
36) 4-Chloro-3-methylphenol	8.72	107	417977	39.311	ng	99
37) 2-Methylnaphthalene	8.87	142	868157	36.563	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	351160	38.277	ng	98
40) Hexachlorocyclopentadiene	9.03	237	163886	37.578	ng	98

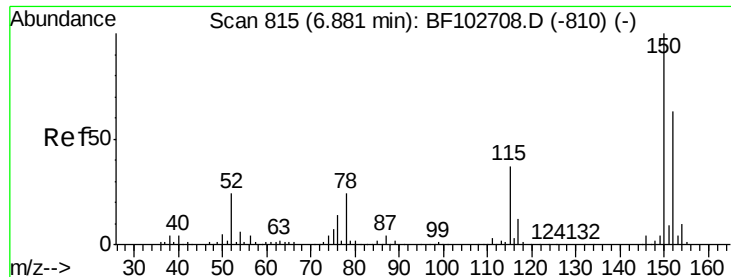
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103069.D
 Acq On : 19 Feb 2018 9:22
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	245173	40.687	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	282050	41.528	ng	99
45) 1,1'-Biphenyl	9.34	154	1042729	36.743	ng	99
46) 2-Chloronaphthalene	9.37	162	842988	37.731	ng	98
47) 2-Nitroaniline	9.46	65	320580	46.608	ng	87
48) Acenaphthylene	9.79	152	1296639	37.366	ng	100
49) Dimethylphthalate	9.64	163	1020489	38.844	ng	99
50) 2,6-Dinitrotoluene	9.71	165	223054	44.627	ng	91
51) Acenaphthene	9.96	154	748685	36.077	ng	98
52) 3-Nitroaniline	9.88	138	283580	46.110	ng	94
53) 2,4-Dinitrophenol	9.99	184	85074	61.089	ng	# 19
54) Dibenzofuran	10.13	168	1066757	36.476	ng	97
55) 4-Nitrophenol	10.04	139	185582	38.897	ng	92
56) 2,4-Dinitrotoluene	10.12	165	294248	44.158	ng	95
57) Fluorene	10.47	166	846404	39.778	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	189205	40.194	ng	99
59) Diethylphthalate	10.34	149	966889	37.273	ng	98
60) 4-Chlorophenyl-phenylether	10.46	204	375623	39.905	ng	98
61) 4-Nitroaniline	10.50	138	285092	48.701	ng	88
62) Azobenzene	10.62	77	958481	36.986	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	148725	56.253	ng	93
65) n-Nitrosodiphenylamine	10.58	169	769854	36.369	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	236314	37.226	ng	92
67) Hexachlorobenzene	11.02	284	261854	37.391	ng	92
68) Atrazine	11.10	200	240553	38.521	ng	98
69) Pentachlorophenol	11.22	266	145564	35.409	ng	97
70) Phenanthrene	11.44	178	1204653	36.043	ng	98
71) Anthracene	11.49	178	1252088	36.833	ng	100
72) Carbazole	11.64	167	1244222	37.361	ng	100
73) Di-n-butylphthalate	11.96	149	1568380	38.769	ng	99
74) Fluoranthene	12.63	202	1255508	37.337	ng	99
76) Benzidine	12.74	184	901610	42.819	ng	98
77) Pyrene	12.86	202	1298317	36.139	ng	100
79) Butylbenzylphthalate	13.46	149	698561	40.807	ng	100
80) Benzo(a)anthracene	14.04	228	1125214	39.052	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	414502	38.799	ng	99
82) Chrysene	14.09	228	1064615	36.654	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	929282	42.225	ng	100
84) Di-n-octyl phthalate	14.64	149	1542234	46.670	ng	100
85) Indeno(1,2,3-cd)pyrene	17.07	276	941253	39.073	ng	99
87) Benzo(b)fluoranthene	15.12	252	1084562	37.778	ng	97
88) Benzo(k)fluoranthene	15.14	252	985046	35.910	ng	99
89) Benzo(a)pyrene	15.49	252	962961	37.264	ng	98
90) Dibenzo(a,h)anthracene	17.09	278	779846	37.181	ng	99
91) Benzo(g,h,i)perylene	17.53	276	781192	38.052	ng	99

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

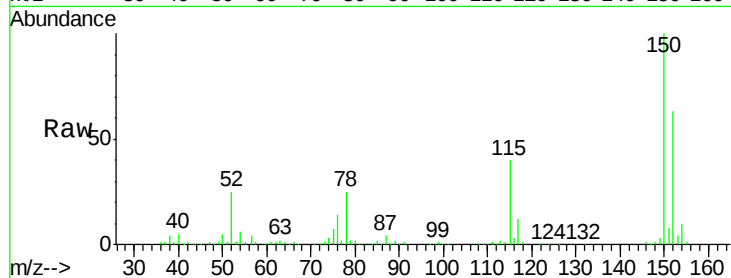


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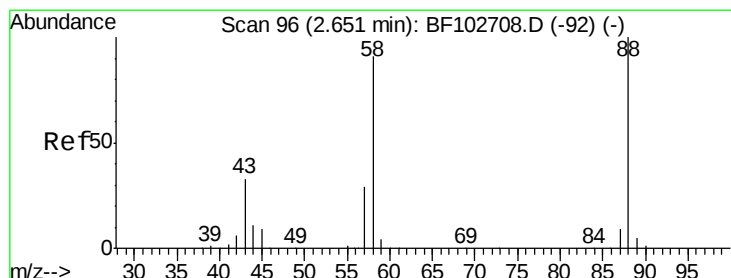
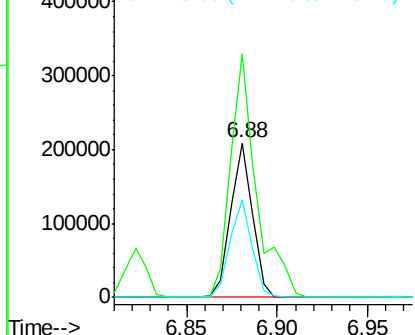
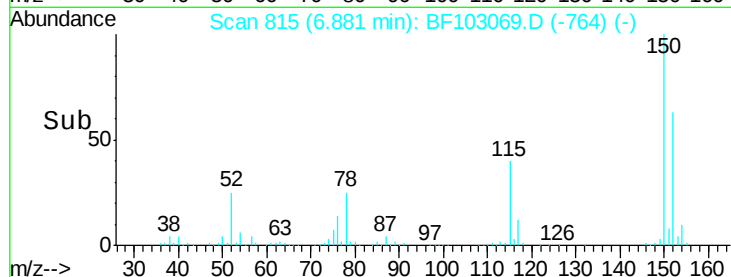
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 175753
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 62.9 50.1 75.1



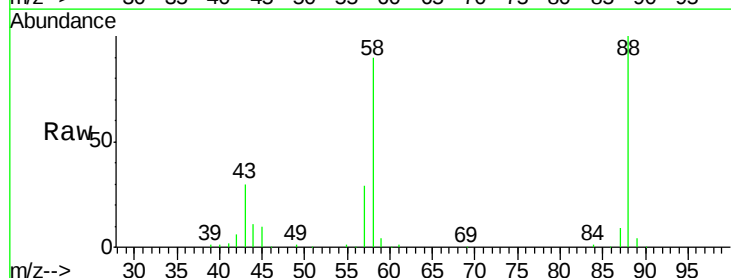
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



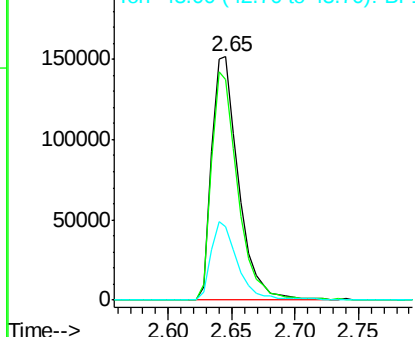
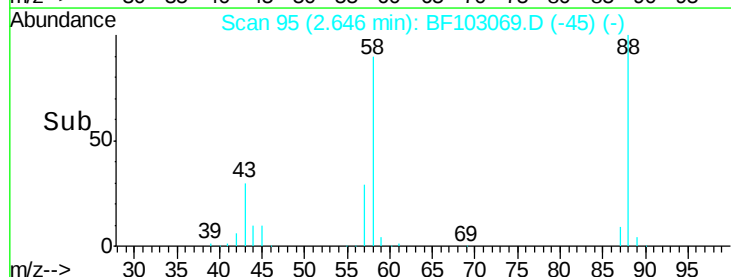
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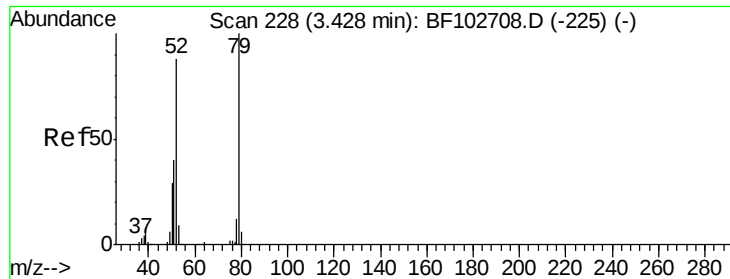
1,4-Dioxane
Concen: 39.454 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.01 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion: 88 Resp: 225525
Ion Ratio Lower Upper
88 100
58 92.1 62.6 93.8
43 32.6 24.6 37.0



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





#3

Pvridine

Concen: 40.070 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

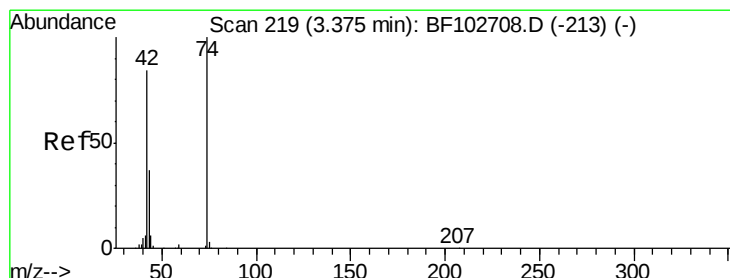
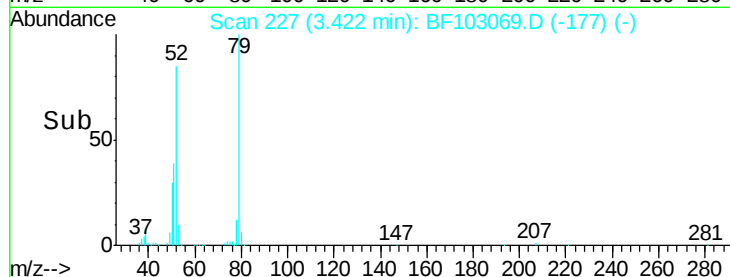
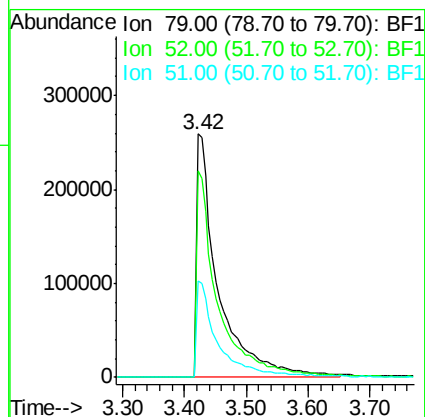
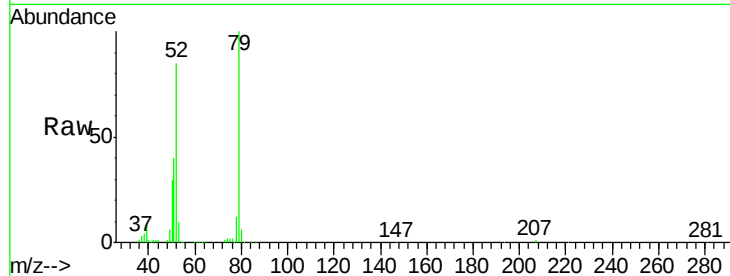
Tot Ion: 79 Resp: 632807

Ion Ratio Lower Upper

79 100

52 84.6 59.8 89.6

51 39.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.512 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

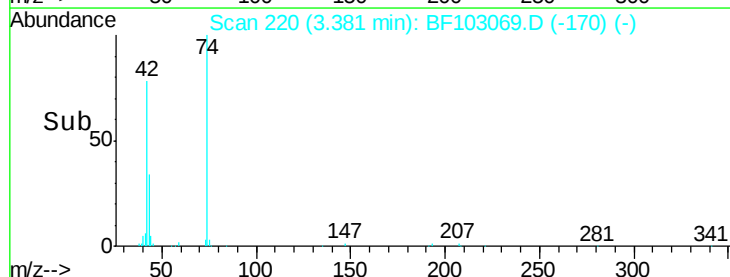
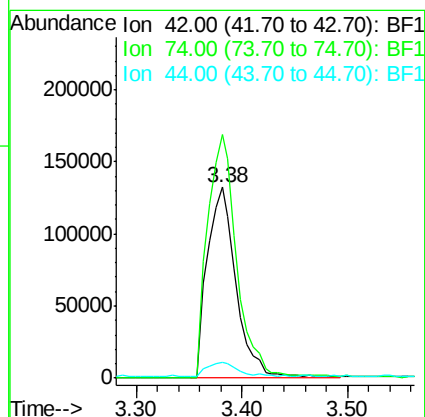
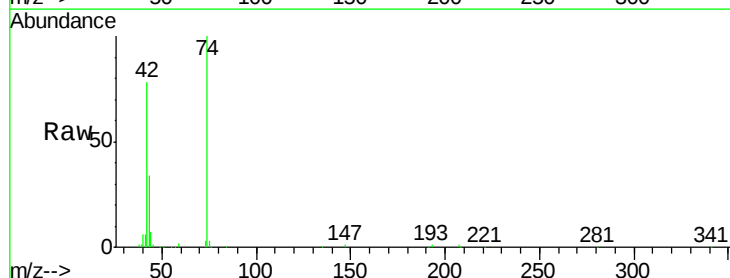
Tgt Ion: 42 Resp: 253470

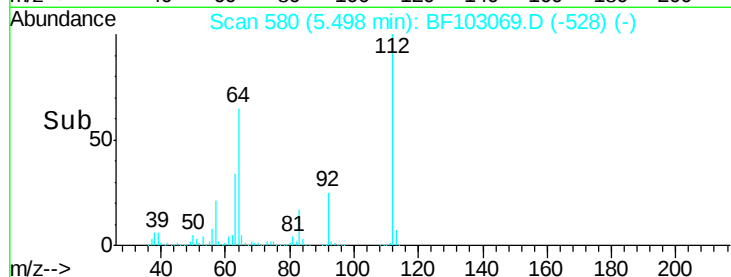
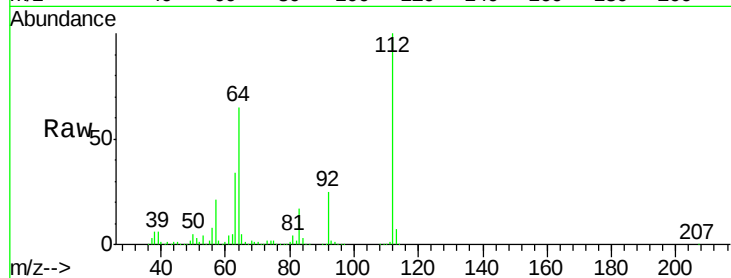
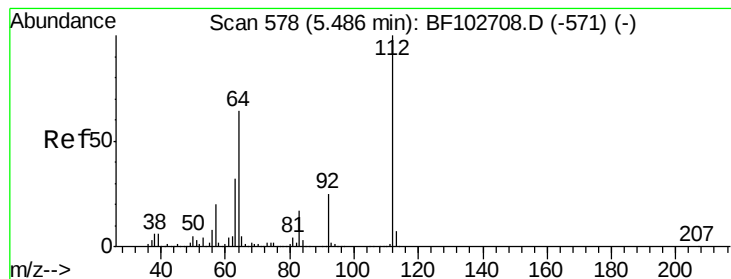
Ion Ratio Lower Upper

42 100

74 127.6 104.9 157.3

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 77.206 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

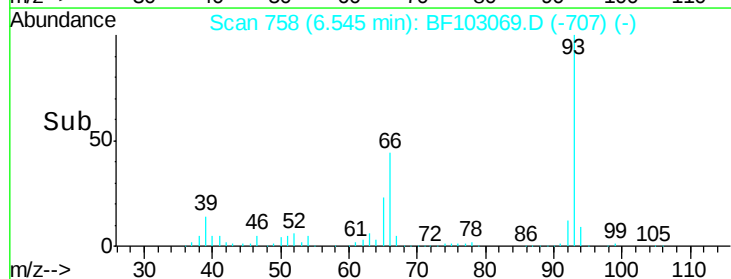
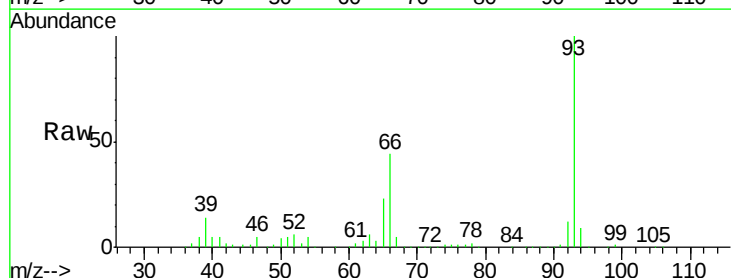
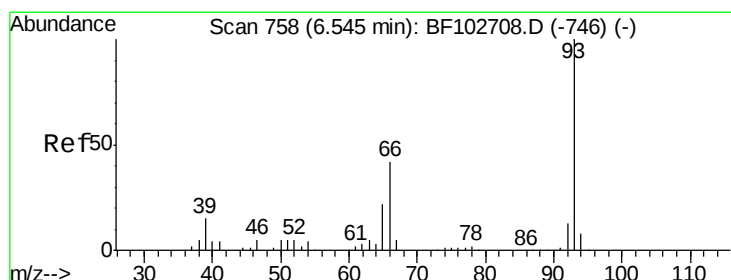
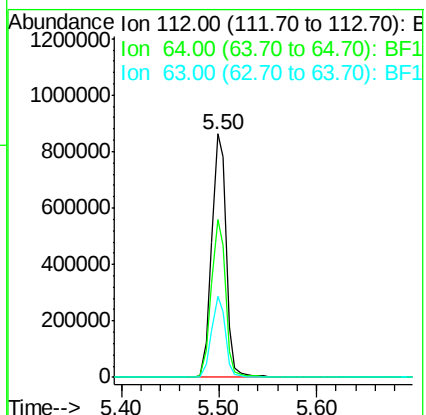
Tot Ion:112 Resp: 893493

Ion Ratio Lower Upper

112 100

64 64.7 47.9 71.9

63 33.5 23.7 35.5



#6

Aniline

Concen: 36.685 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

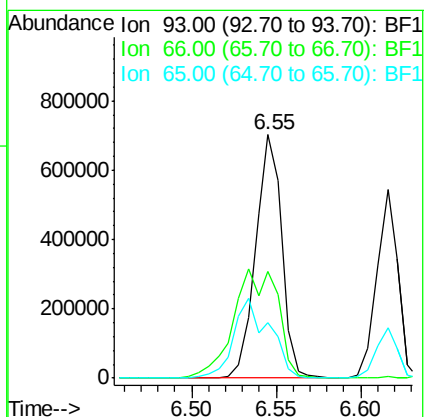
Tgt Ion: 93 Resp: 754910

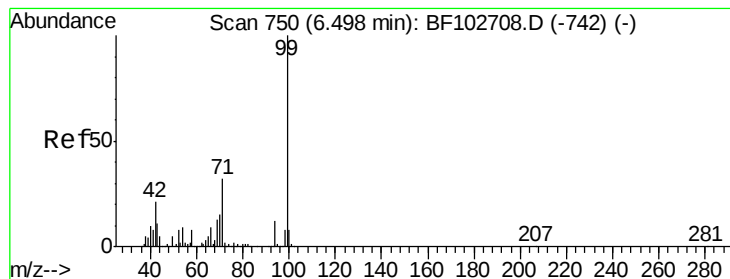
Ion Ratio Lower Upper

93 100

66 43.9 32.2 48.2

65 22.6 16.4 24.6





#7

Phenol-d6

Concen: 76.862 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

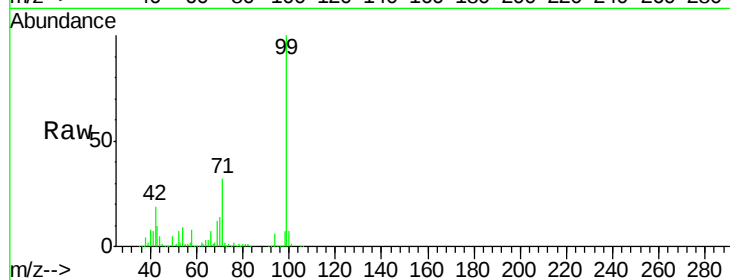
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1071027

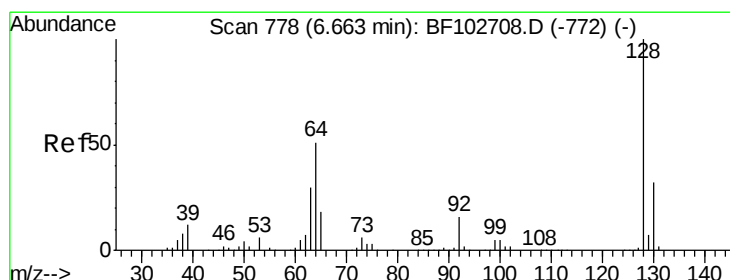
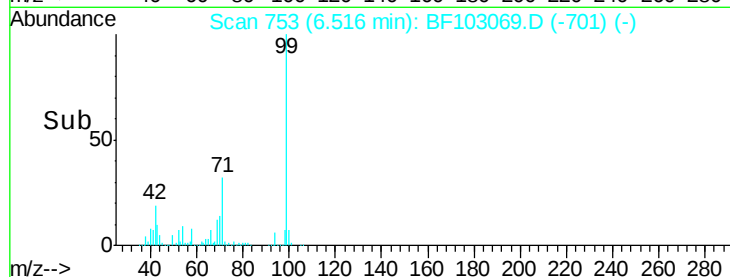
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	31.6	25.4	38.0



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: 39.159 ng

RT: 6.67 min Scan# 779

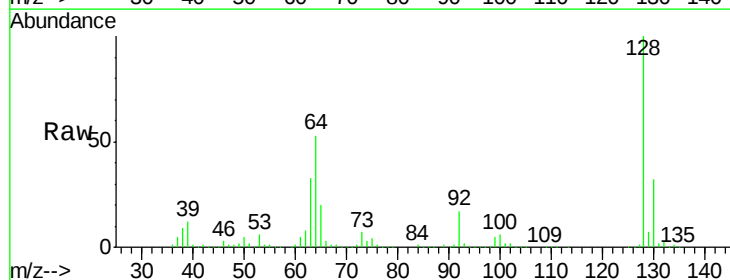
Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Tgt Ion: 128 Resp: 466559

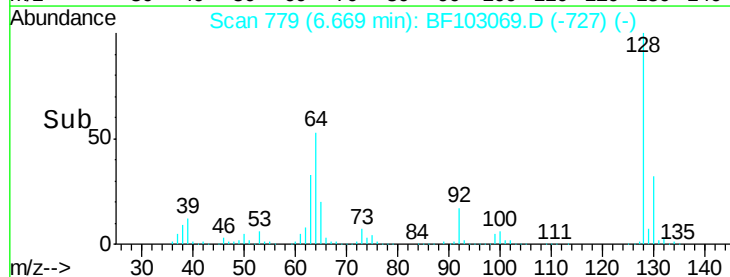
Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	53.2	29.4	69.4

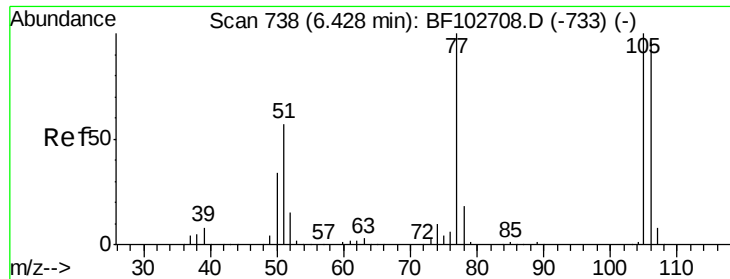


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

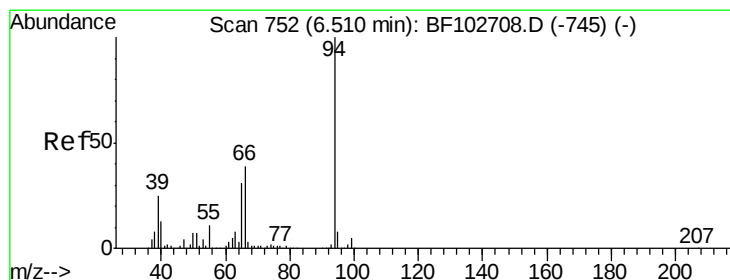
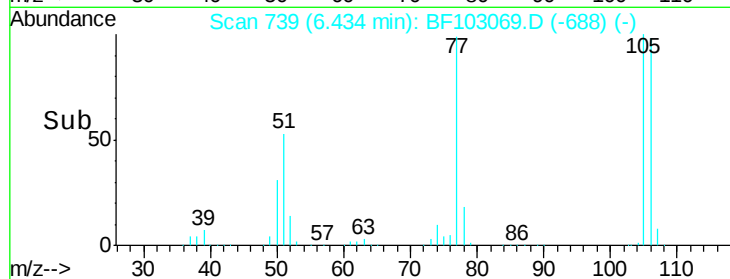
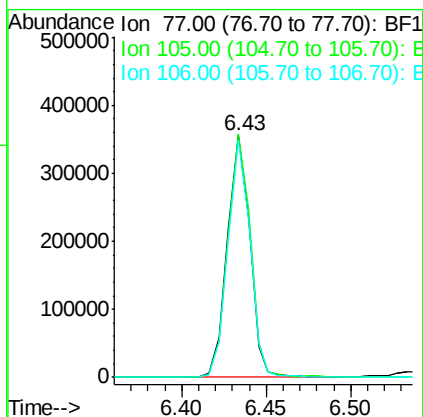
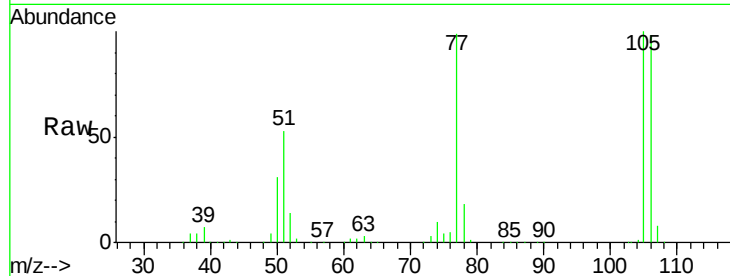




#9
Benzaldehyde
Concen: 31.937 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

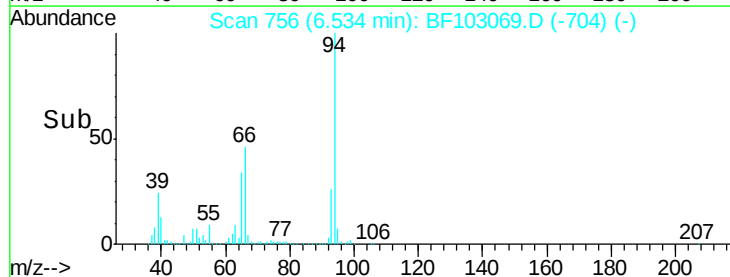
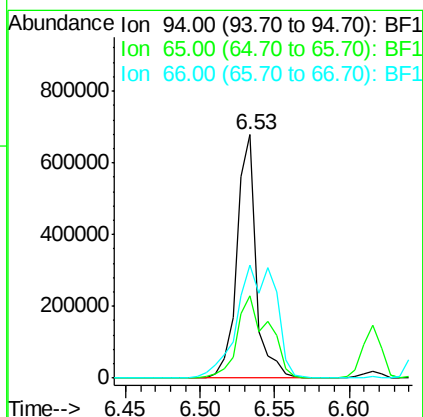
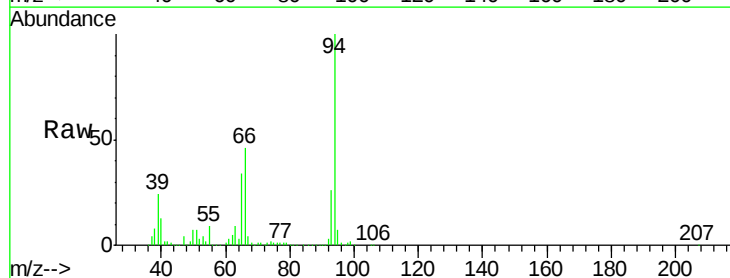
Instrument :
BNA_F
ClientSampleId :

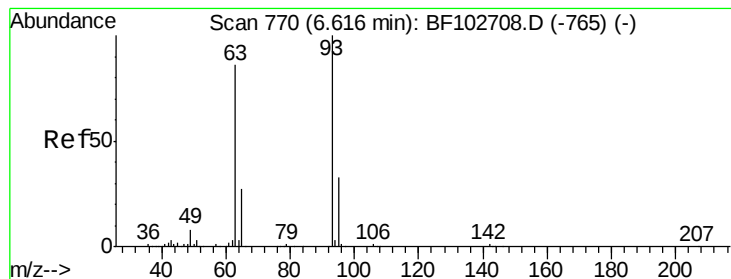
Tot Ion: 77 Resp: 330490
Ion Ratio Lower Upper
77 100
105 100.5 81.1 121.1
106 98.2 74.5 114.5



#10
Phenol
Concen: 41.183 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion: 94 Resp: 615001
Ion Ratio Lower Upper
94 100
65 33.8 7.9 47.9
66 46.5 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.106 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

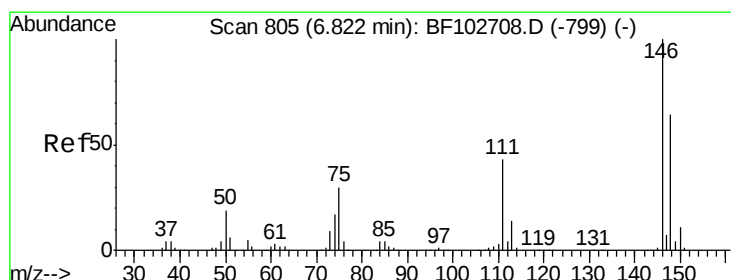
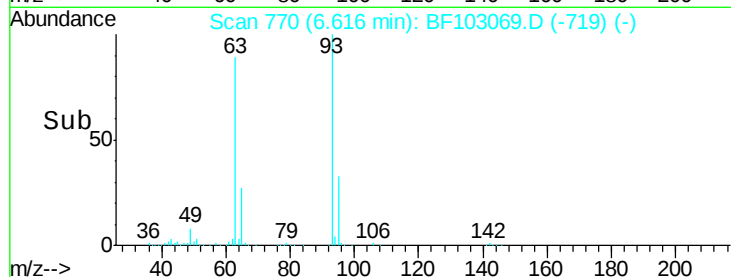
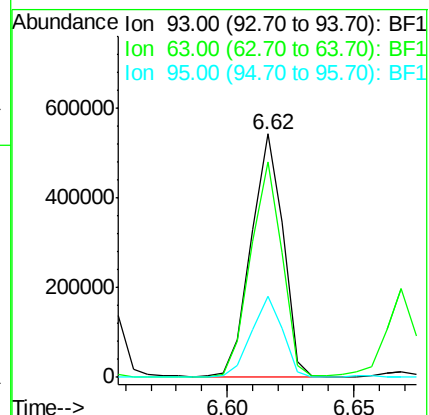
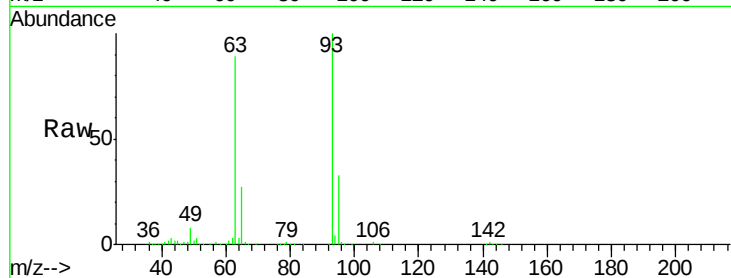
Tot Ion: 93 Resp: 473519

Ion Ratio Lower Upper

93 100

63 88.6 58.6 98.6

95 33.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.245 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

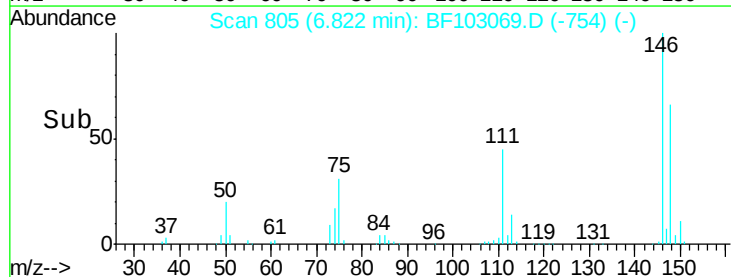
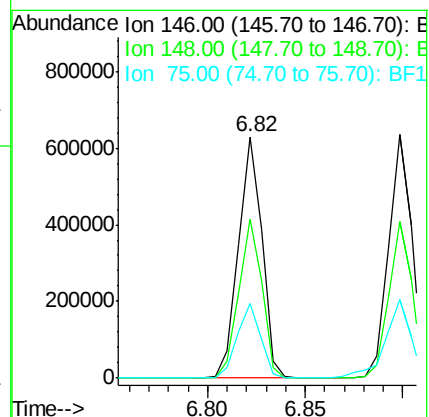
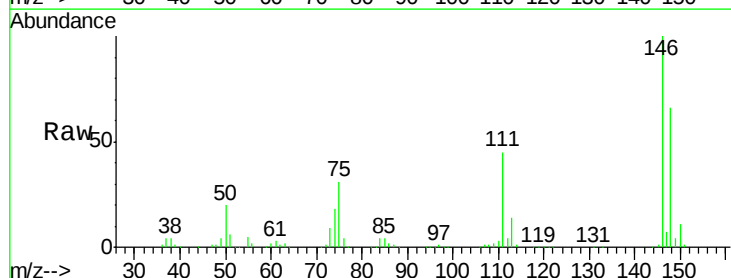
Tgt Ion: 146 Resp: 527667

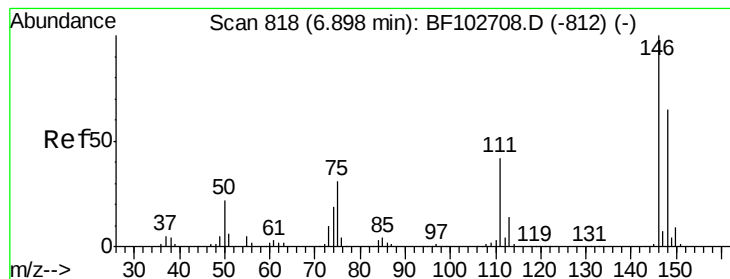
Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.8

75 30.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.239 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampled :

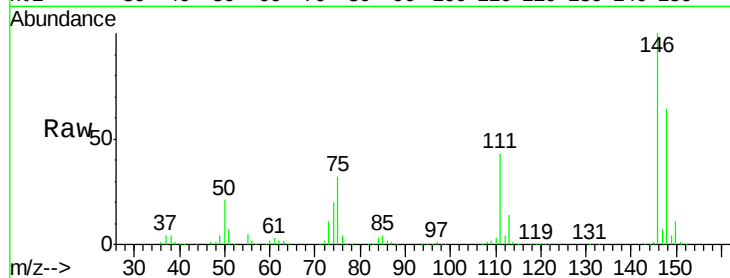
Tot Ion:146 Resp: 525552

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

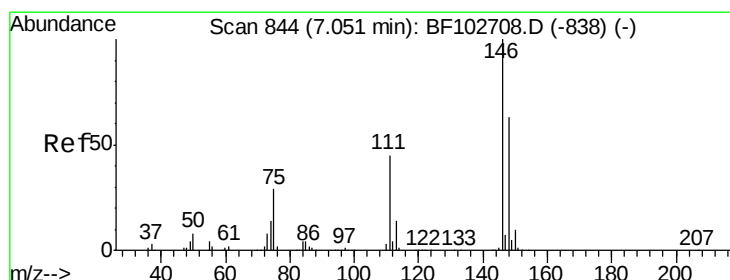
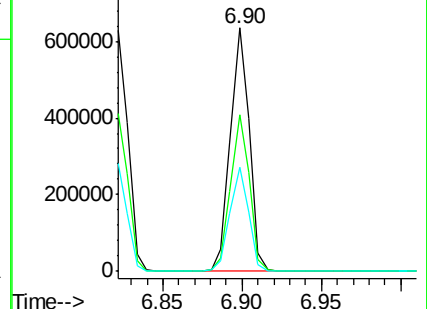
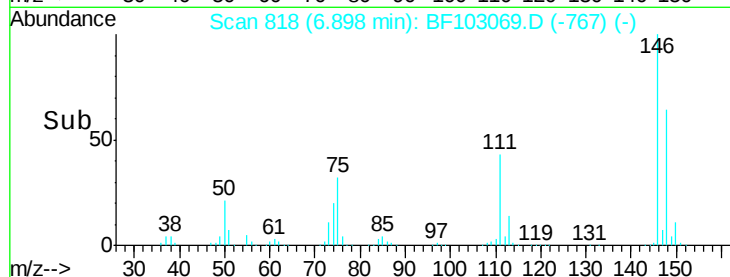
111 42.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.905 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

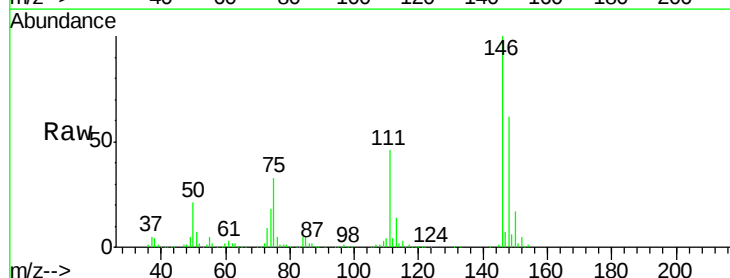
Tgt Ion:146 Resp: 485235

Ion Ratio Lower Upper

146 100

148 62.2 50.6 75.8

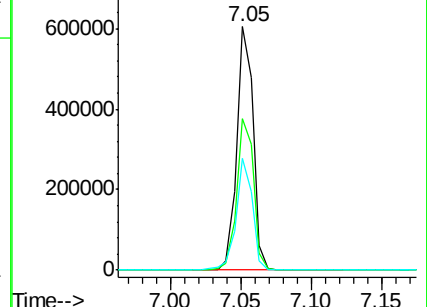
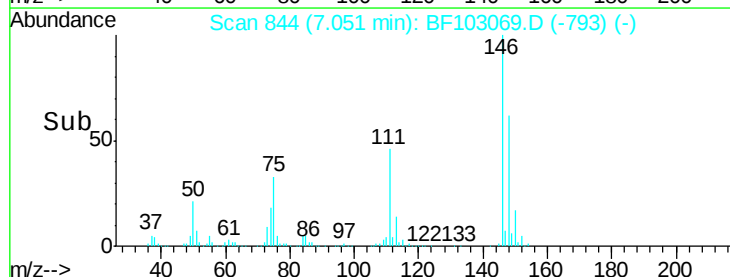
111 46.0 36.0 54.0

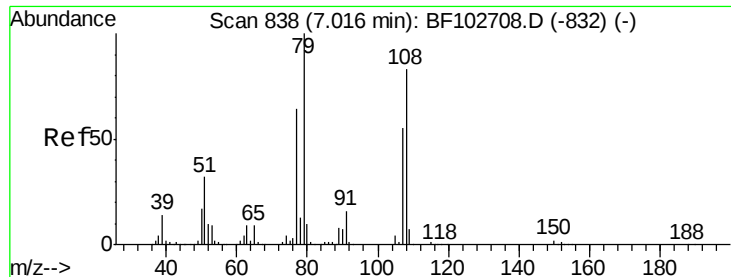


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.910 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

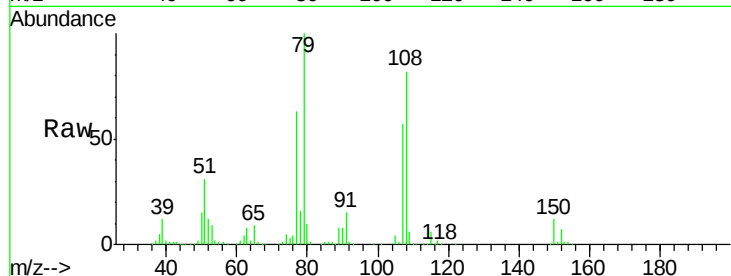
Tot Ion: 79 Resp: 416855

Ion Ratio Lower Upper

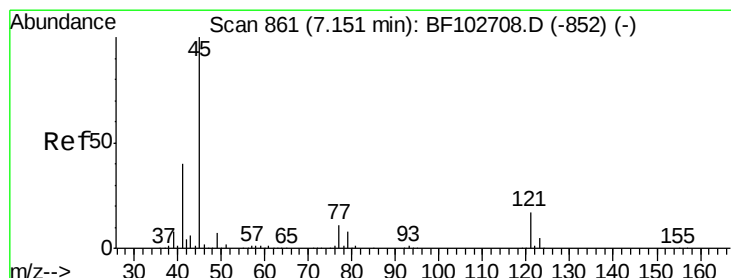
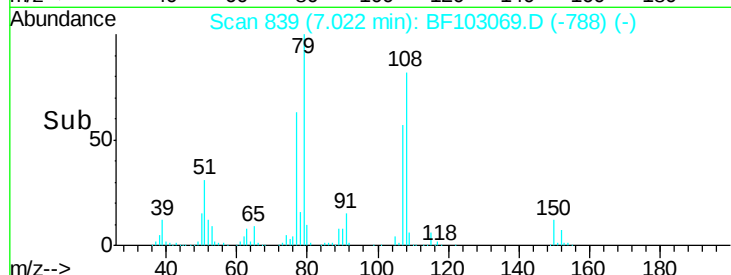
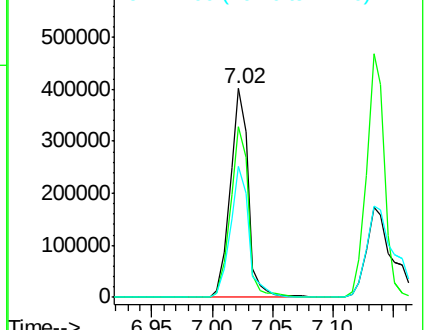
79 100

108 81.7 65.1 97.7

77 62.9 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.938 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

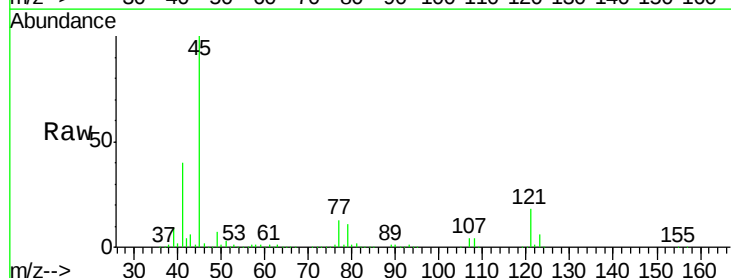
Tgt Ion: 45 Resp: 824719

Ion Ratio Lower Upper

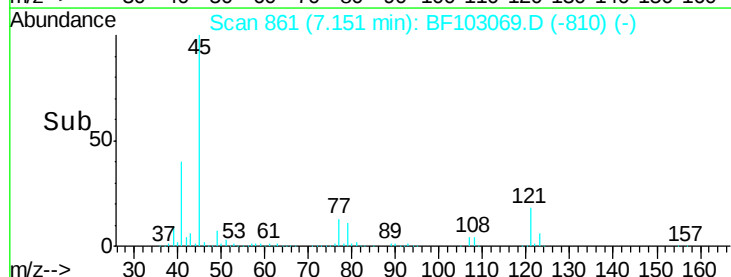
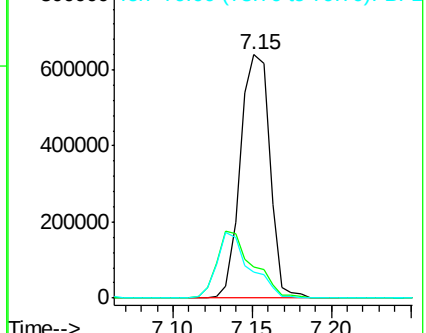
45 100

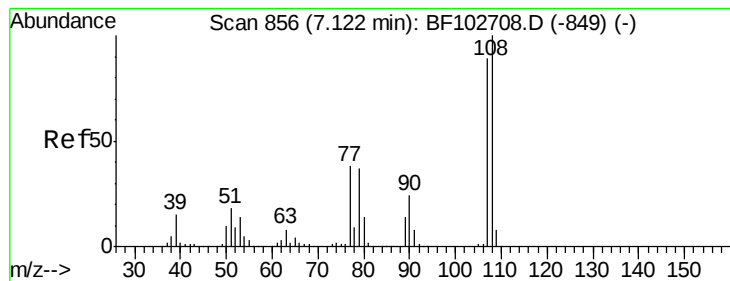
77 13.0 0.0 32.9

79 10.6 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.294 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 420849

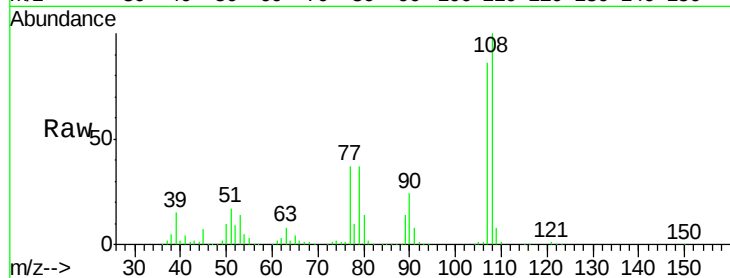
Ion Ratio Lower Upper

107 100

108 115.7 91.7 137.5

77 43.3 33.8 50.8

79 42.6 33.8 50.8

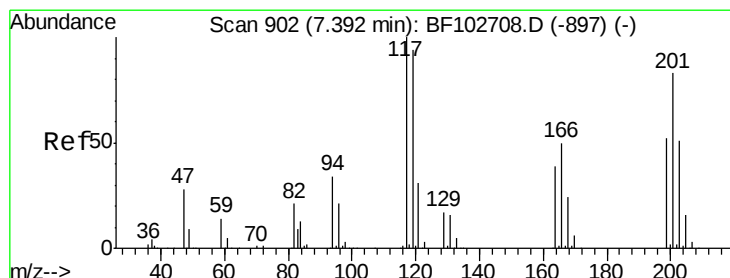
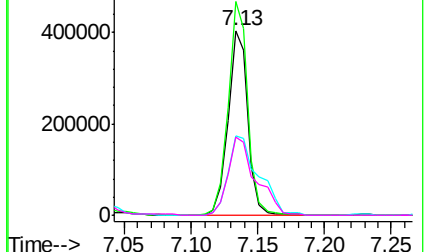
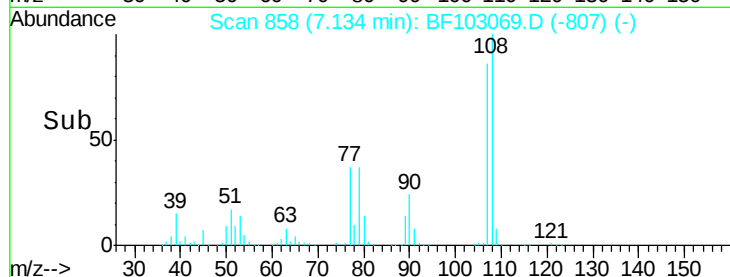


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.642 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

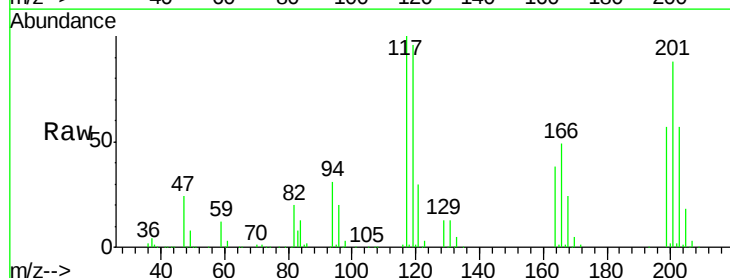
Tgt Ion:117 Resp: 191543

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

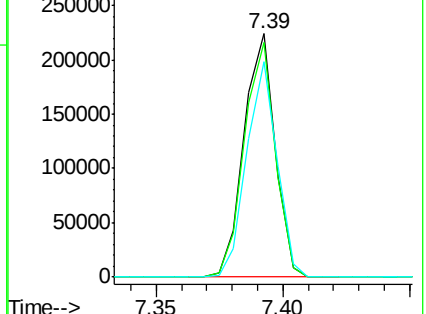
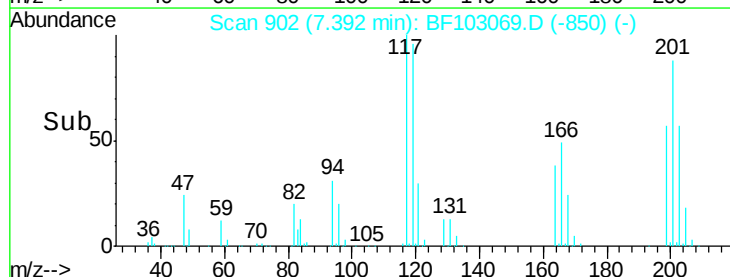
201 88.3 75.7 113.5

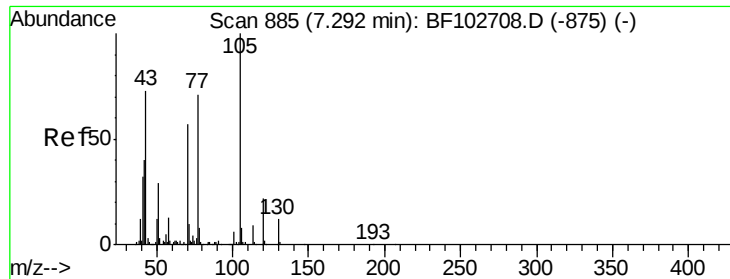


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

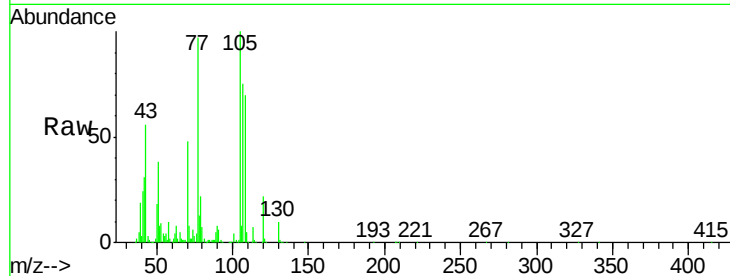




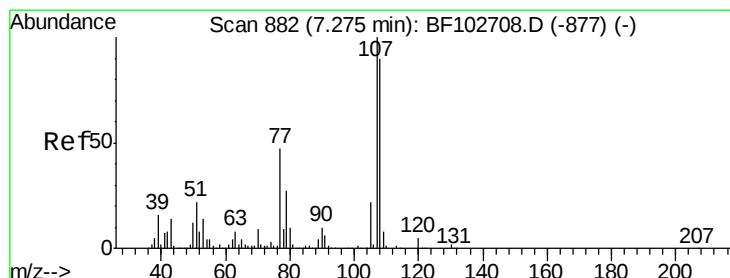
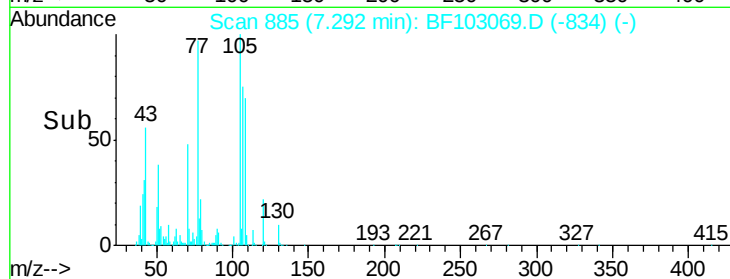
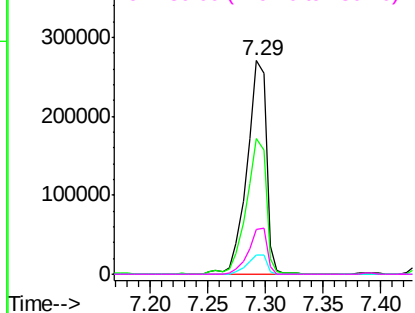
#19
n-Nitroso-di-n-propylamine
Concen: 34.509 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 317044
Ion Ratio Lower Upper
70 100
42 63.4 47.5 71.3
101 9.3 7.4 11.2
130 21.2 16.6 25.0

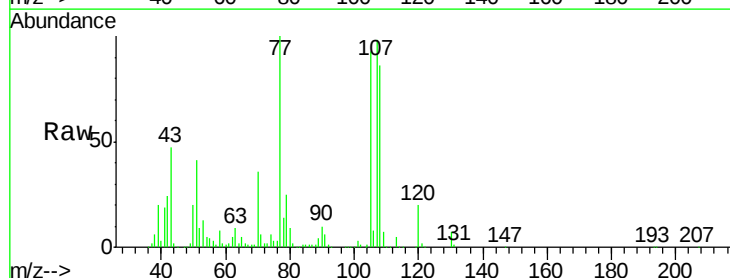


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

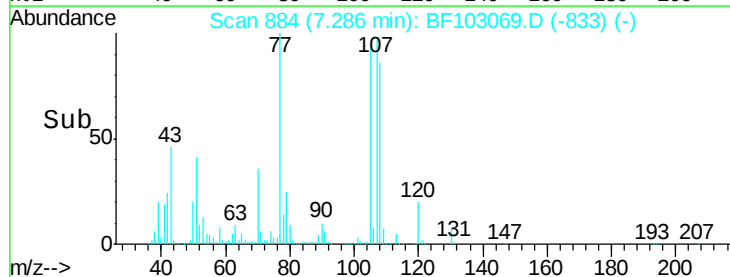
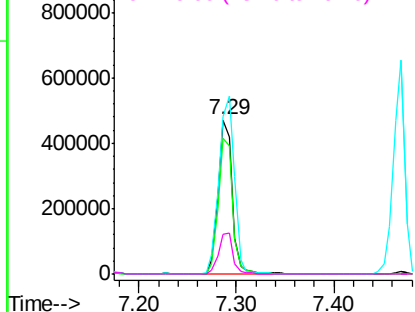


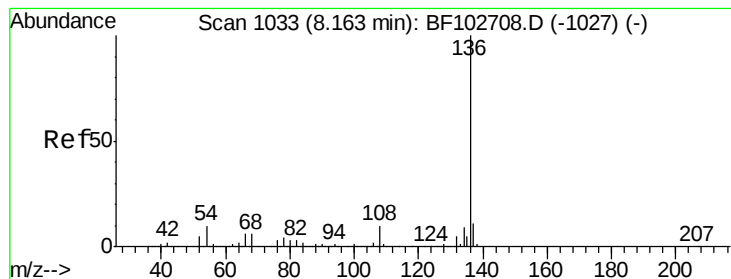
#20
3+4-Methylphenols
Concen: 35.006 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion: 107 Resp: 474419
Ion Ratio Lower Upper
107 100
108 88.0 68.2 108.2
77 102.6 26.7 66.7#
79 26.0 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 742294

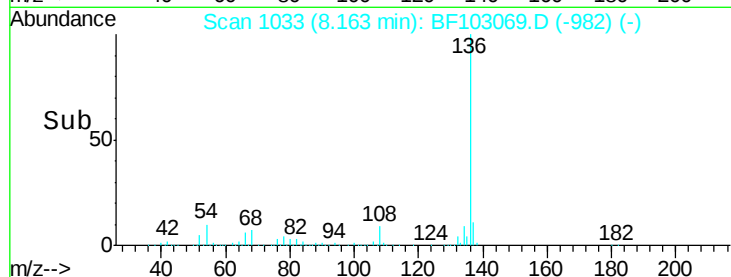
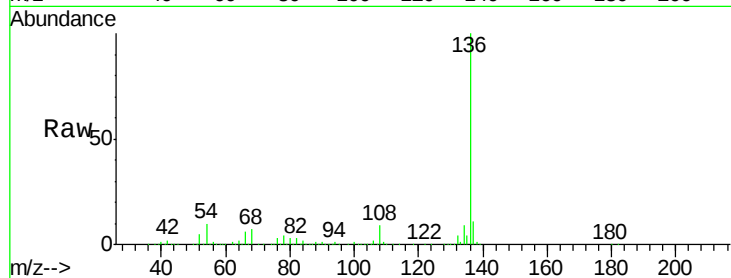
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.1 6.6 9.8#

68 7.0 5.0 7.4

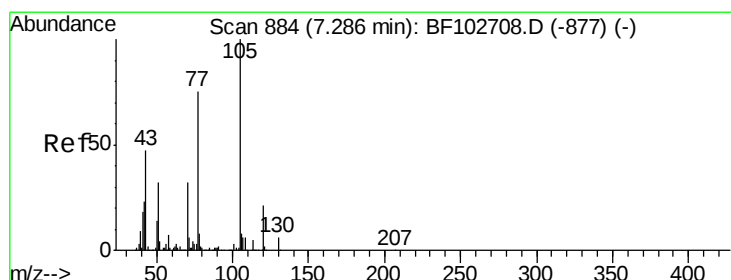
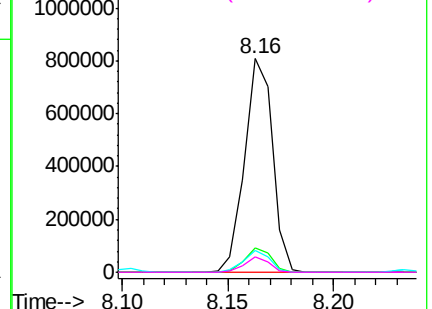


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.293 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Tgt Ion:105 Resp: 622920

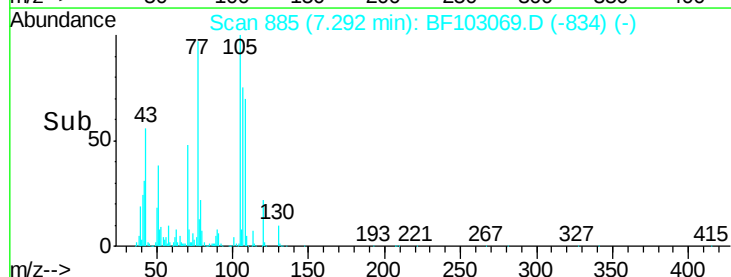
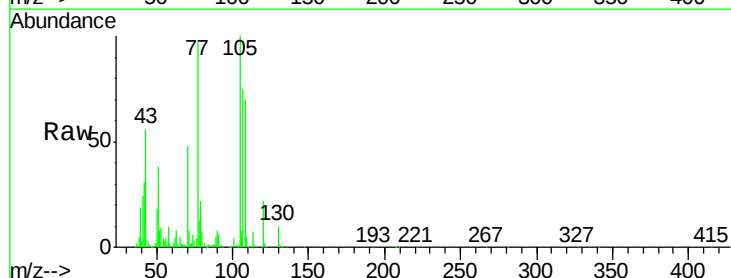
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 38.3 22.3 33.5#

120 21.8 16.9 25.3

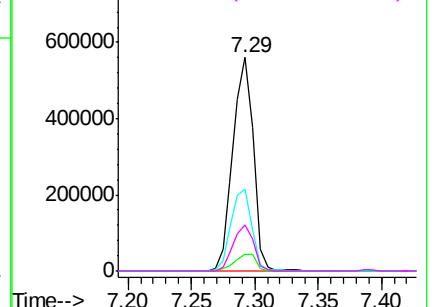


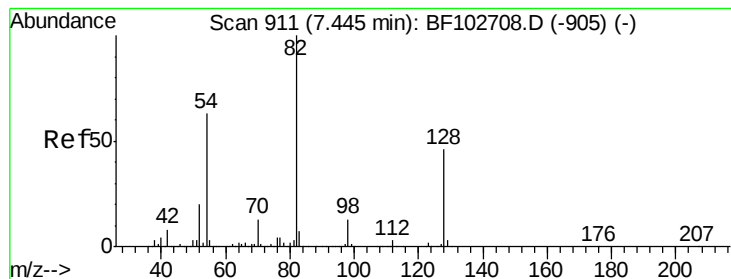
Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.539 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

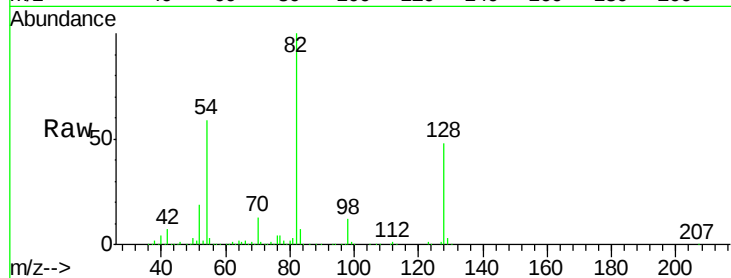
Tot Ion: 82 Resp: 947399

Ion Ratio Lower Upper

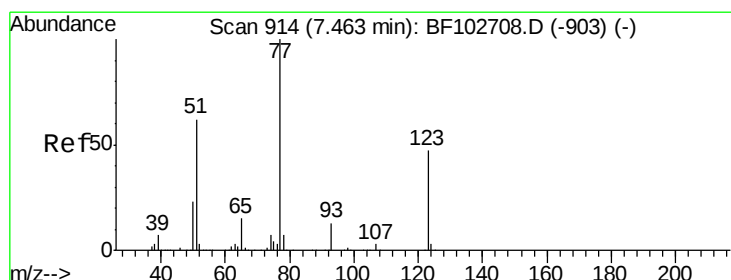
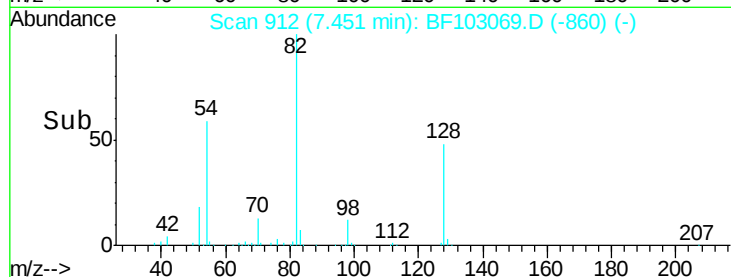
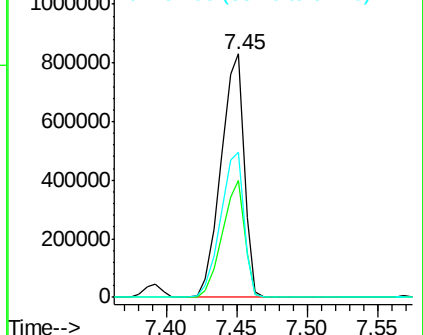
82 100

128 48.2 36.1 54.1

54 59.3 41.4 62.2



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



#24

Nitrobenzene

Concen: 41.263 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

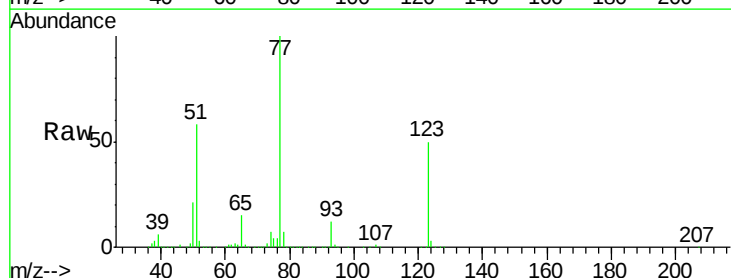
Tgt Ion: 77 Resp: 519447

Ion Ratio Lower Upper

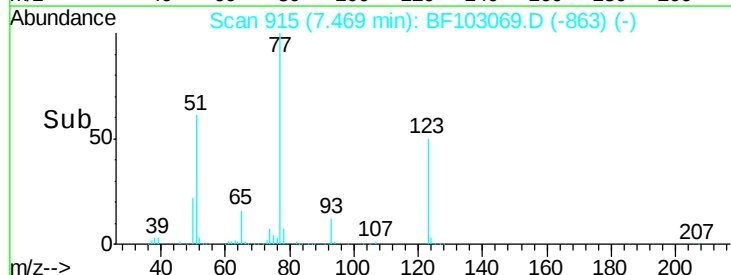
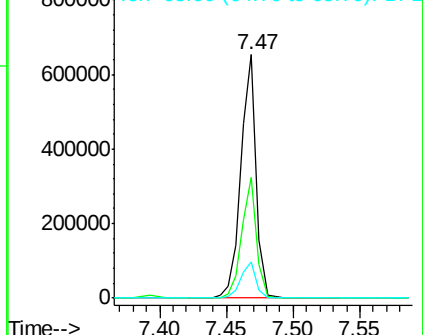
77 100

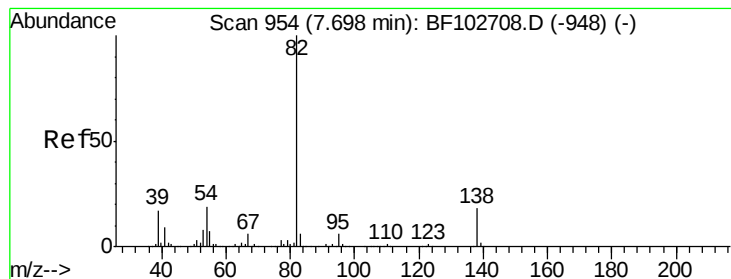
123 49.6 37.9 56.9

65 14.7 11.0 16.4



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





#25

Isophorone

Concen: 36.670 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :
BNA_F
ClientSampled :

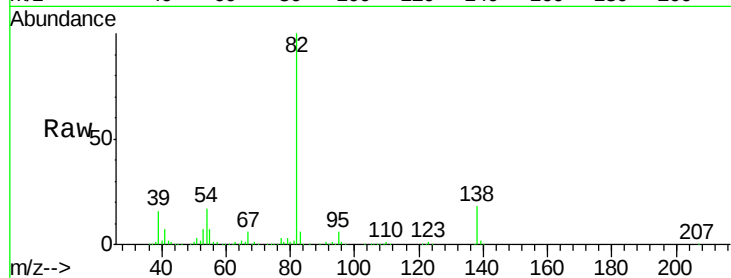
Tot Ion: 82 Resp: 903530

Ion Ratio Lower Upper

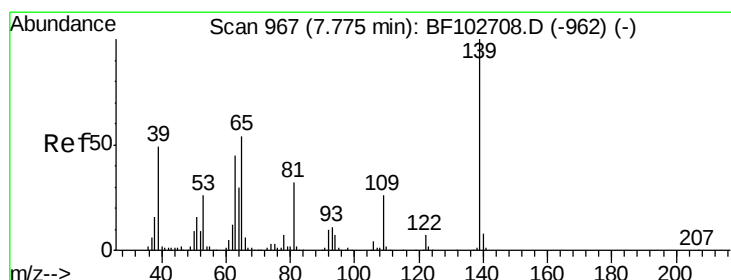
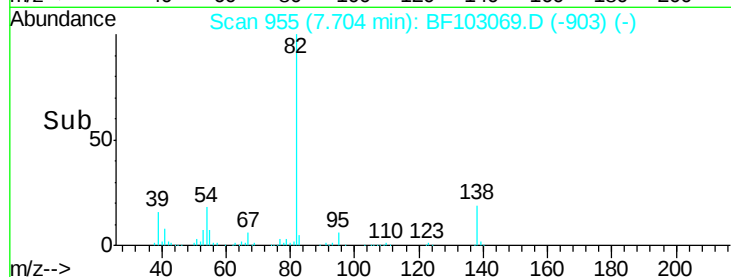
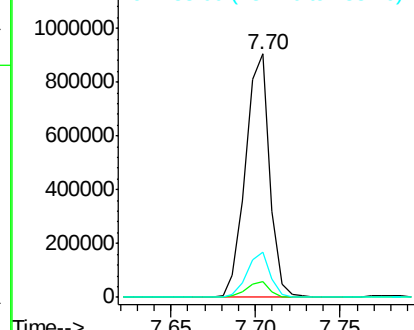
82 100

95 6.4 5.2 7.8

138 18.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.990 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

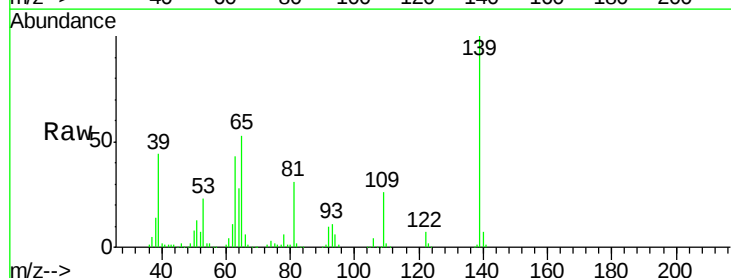
Tgt Ion: 139 Resp: 267074

Ion Ratio Lower Upper

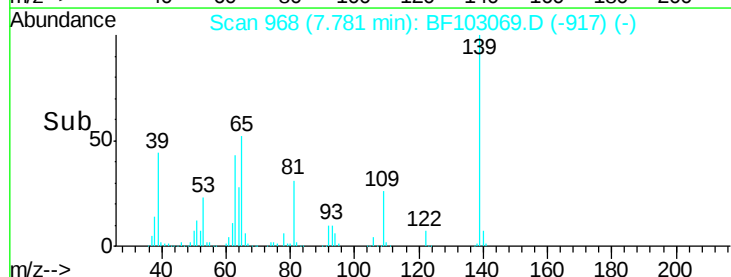
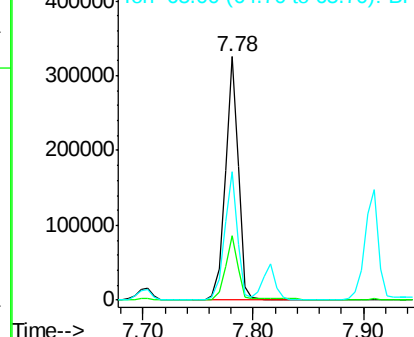
139 100

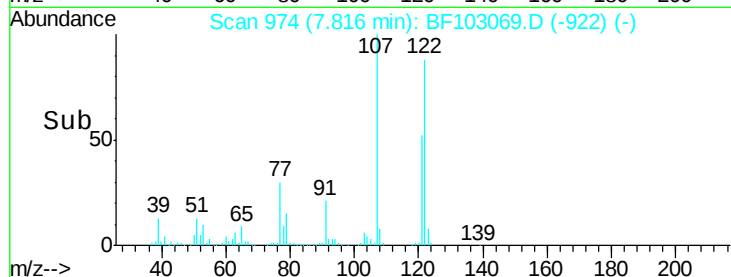
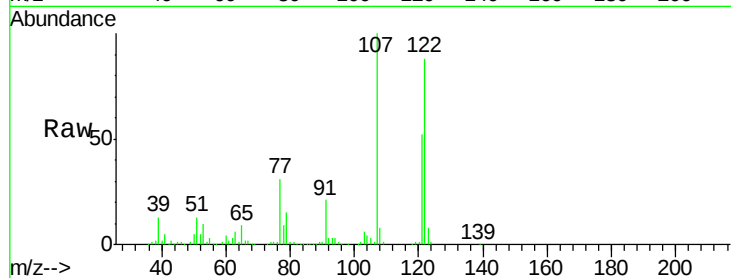
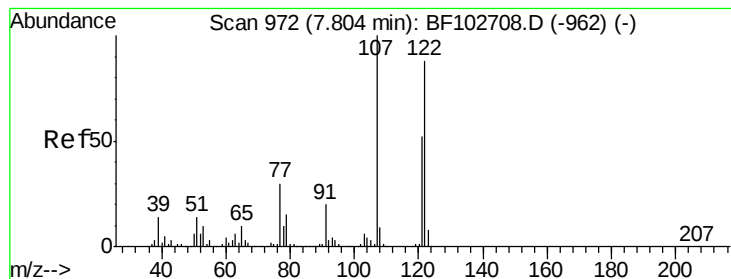
109 26.3 22.7 34.1

65 52.7 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.755 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

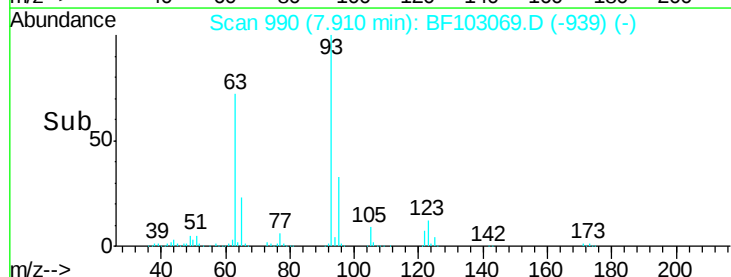
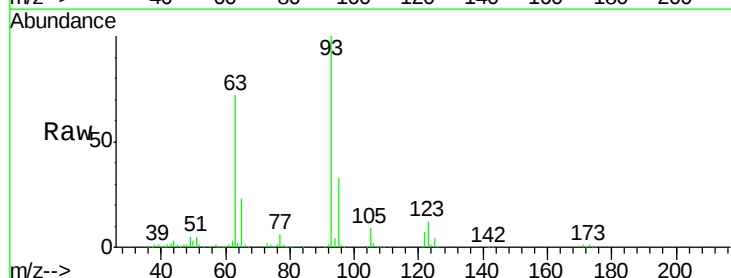
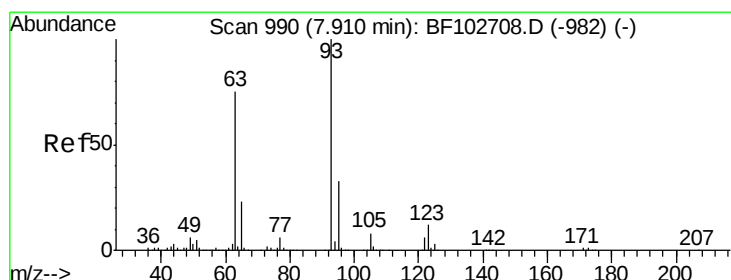
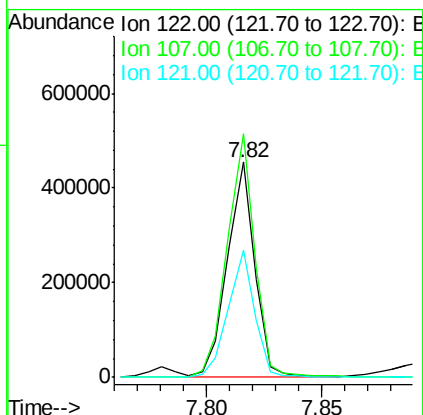
Tot Ion:122 Resp: 372195

Ion Ratio Lower Upper

122 100

107 113.3 91.2 136.8

121 59.2 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 37.662 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

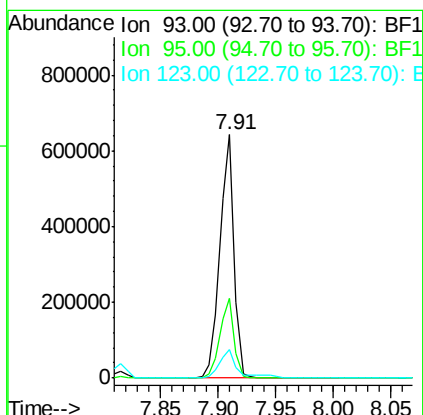
Tgt Ion: 93 Resp: 549725

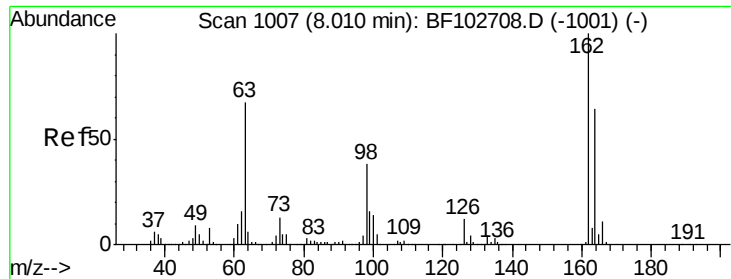
Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

123 11.9 9.8 14.6

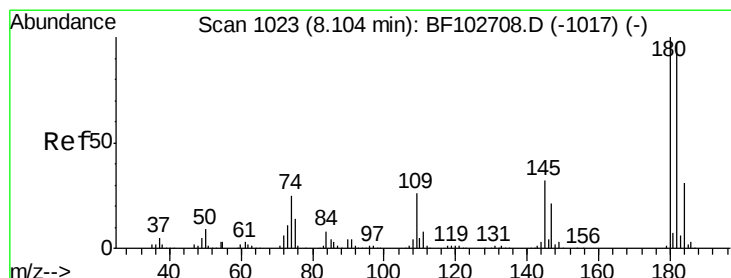
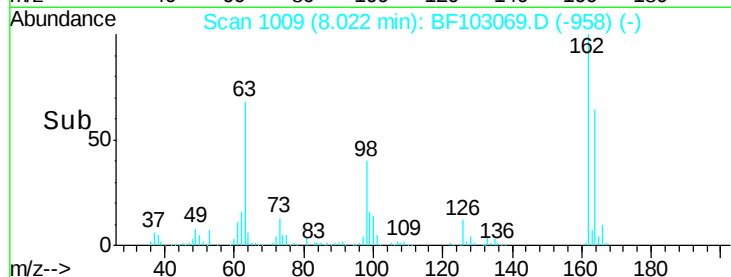
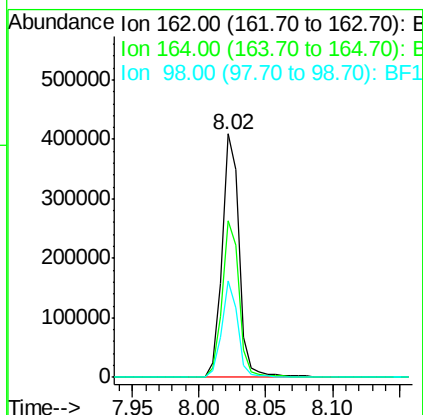
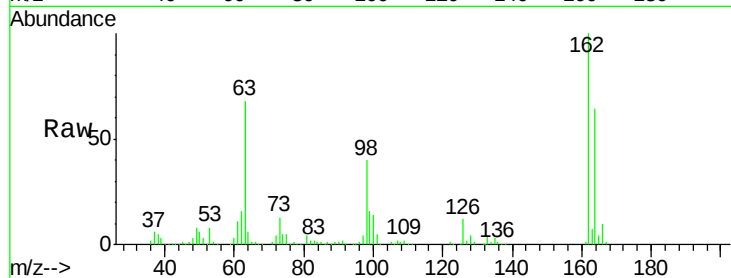




#29
 2,4-Dichlorophenol
 Concen: 39.452 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

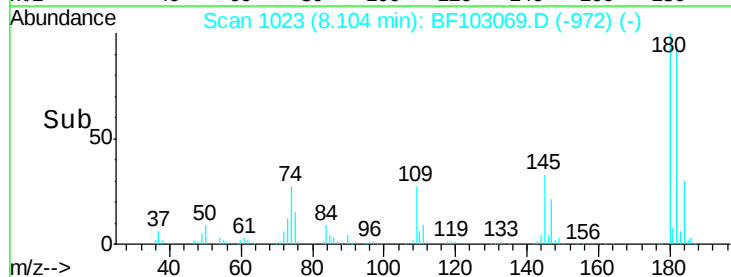
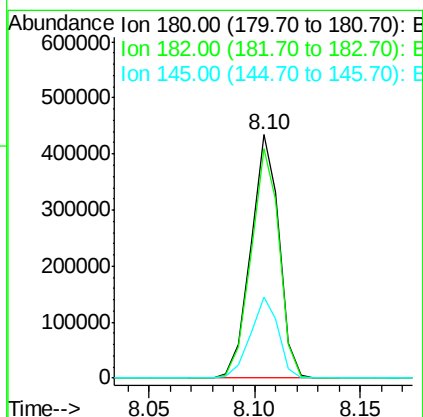
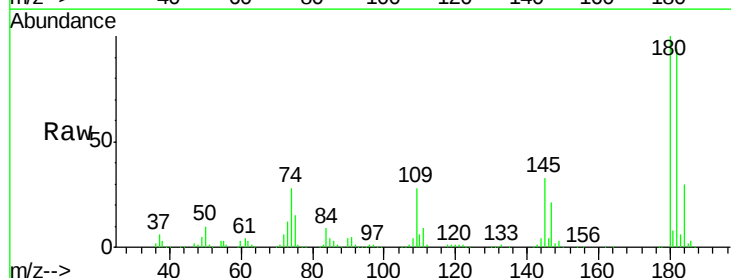
Instrument :
 BNA_F
 ClientSampleId :

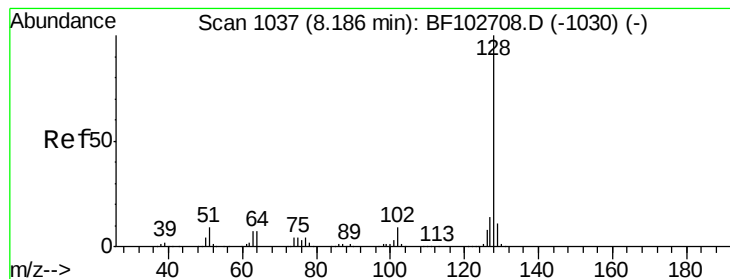
Tot Ion:162 Resp: 373338
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.7 82.7
 98 39.6 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.690 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

Tgt Ion:180 Resp: 403482
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.8 115.2
 145 33.1 26.5 39.7





#31

Naphthalene

Concen: 36.759 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

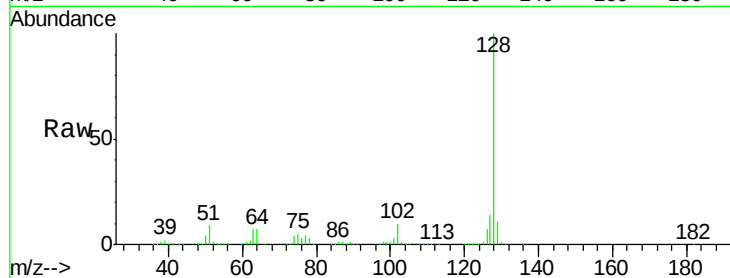
Tot Ion:128 Resp: 1333146

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

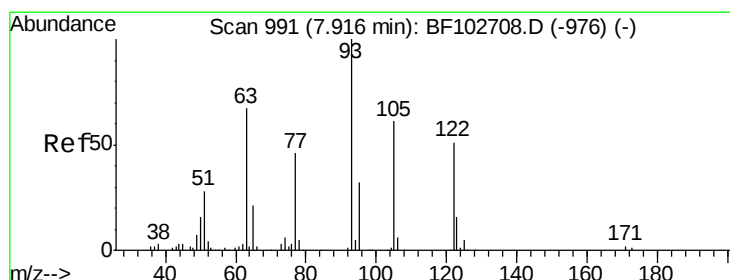
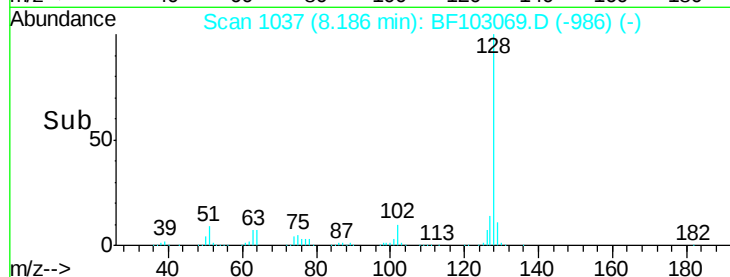
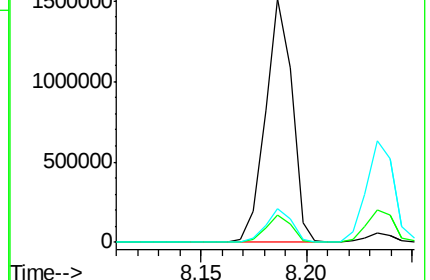
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.718 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

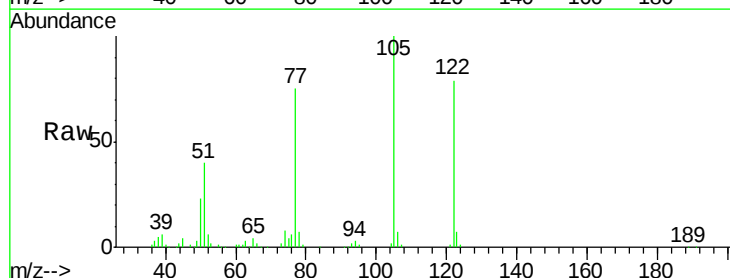
Tgt Ion:122 Resp: 279737

Ion Ratio Lower Upper

122 100

105 126.1 101.1 141.1

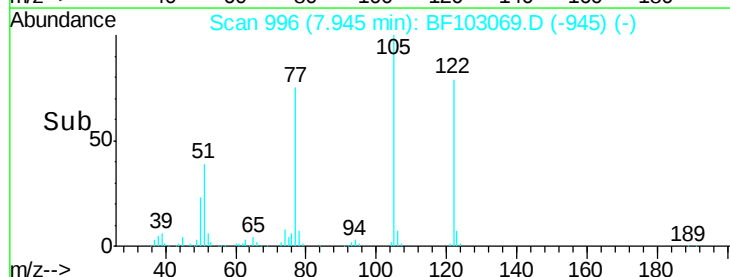
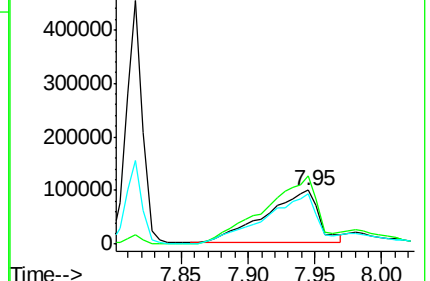
77 94.1 70.7 110.7

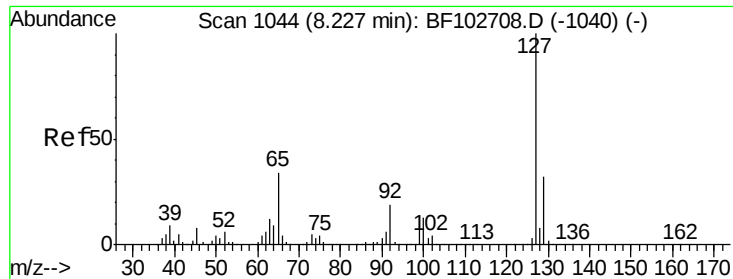


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

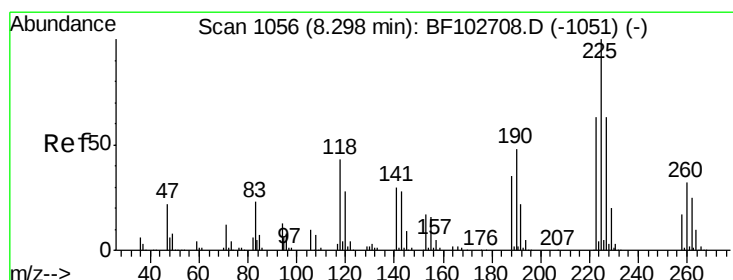
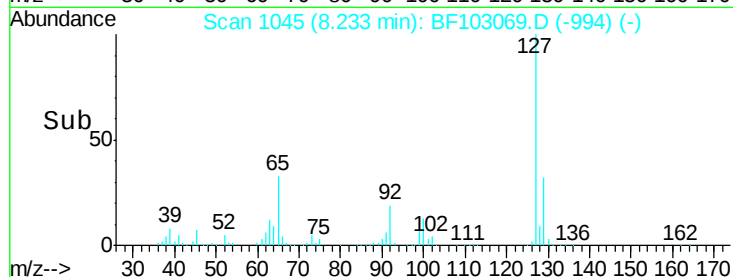
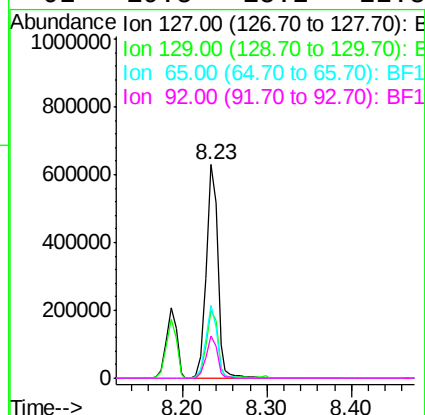
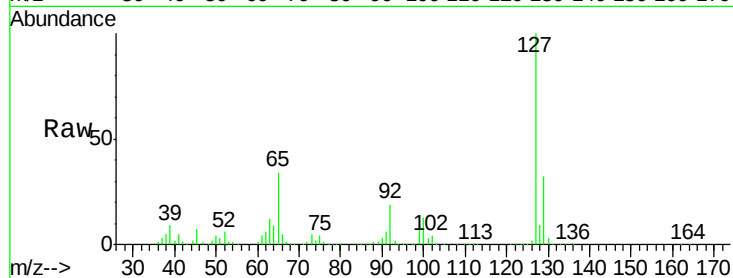




#33
4-Chloroaniline
Concen: 38.202 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

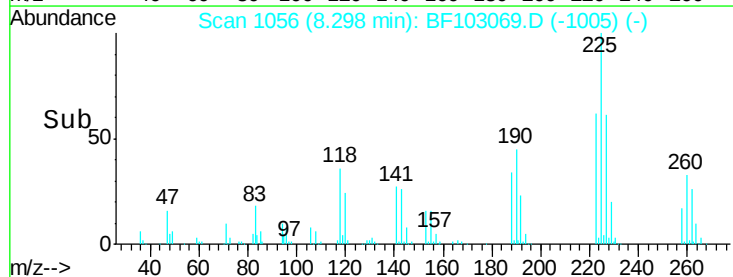
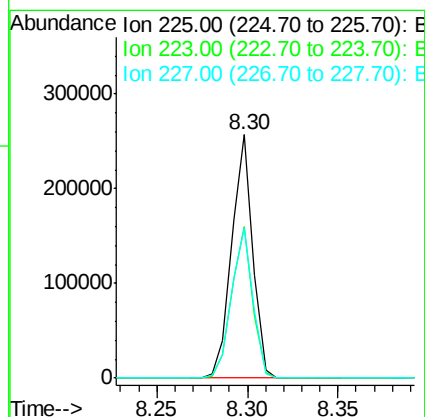
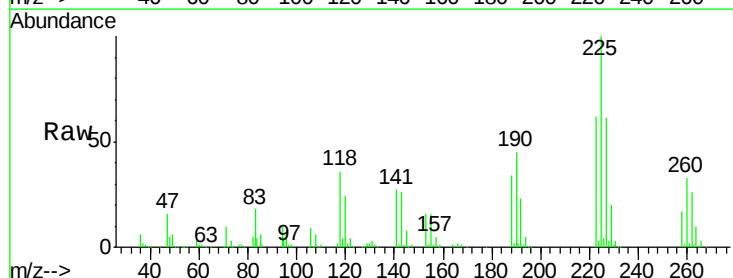
Instrument :
BNA_F
ClientSampled :

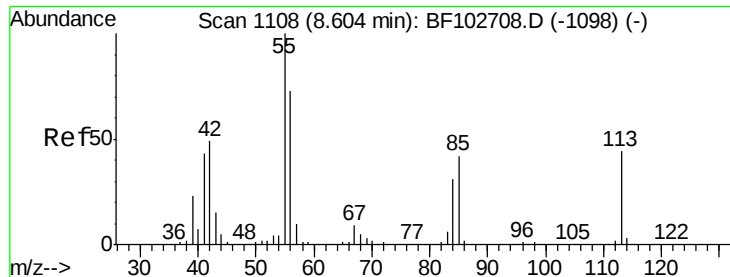
Tot Ion:	127	Resp:	596846
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	34.0	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.786 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion:	225	Resp:	207282
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	61.5	51.9	77.9

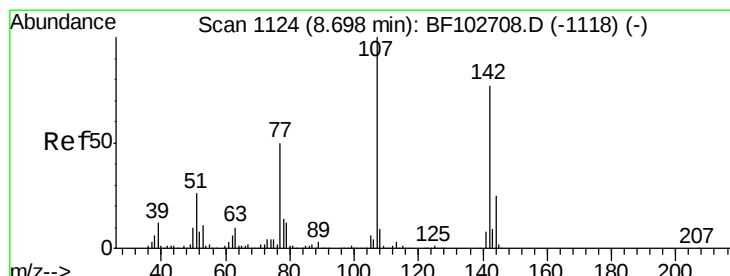
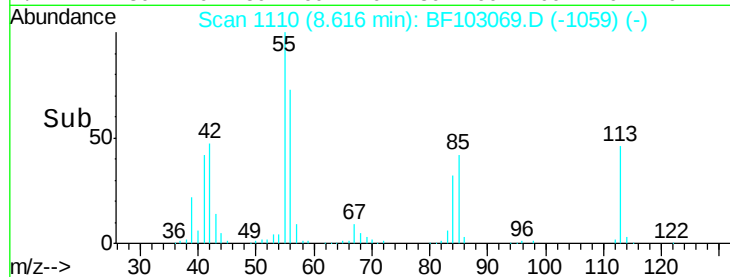
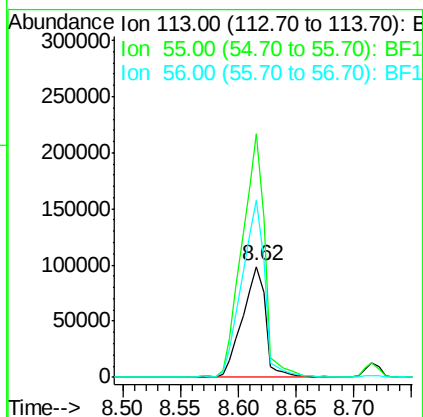
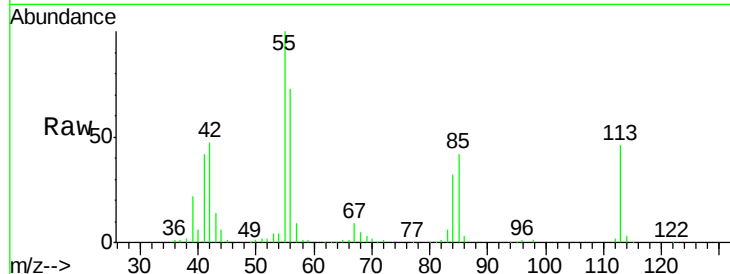




#35
Caprolactam
Concen: 41.582 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

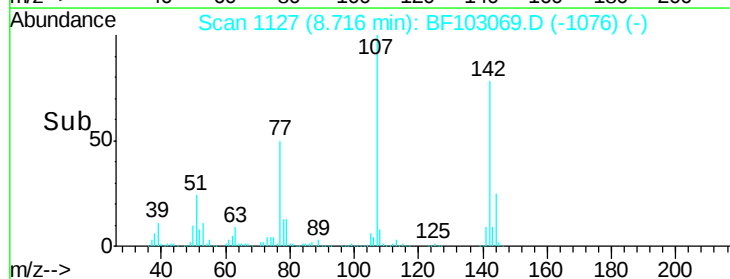
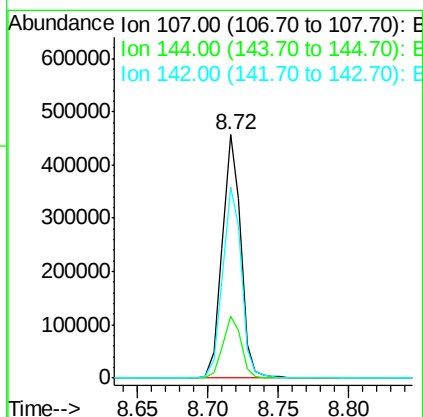
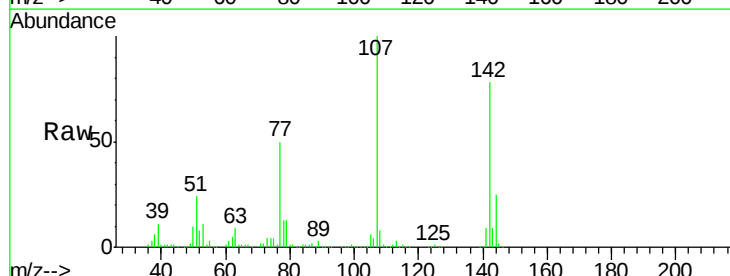
Instrument :
BNA_F
ClientSampled :

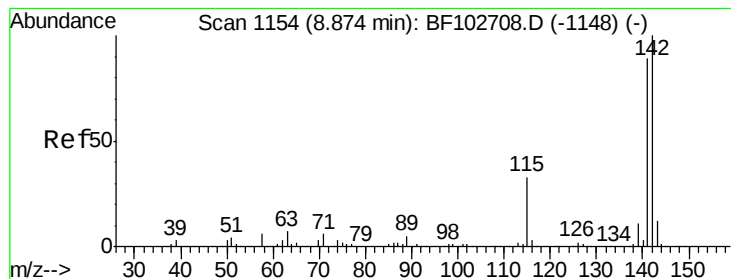
Tot Ion:113 Resp: 136655
Ion Ratio Lower Upper
113 100
55 219.1 163.3 203.3#
56 159.3 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 39.311 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion:107 Resp: 417977
Ion Ratio Lower Upper
107 100
144 25.4 20.5 30.7
142 78.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.563 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

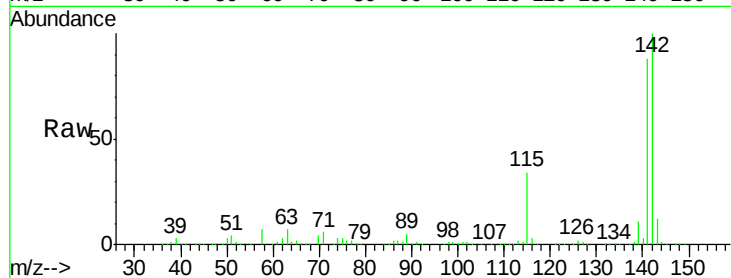
Tot Ion:142 Resp: 868157

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2

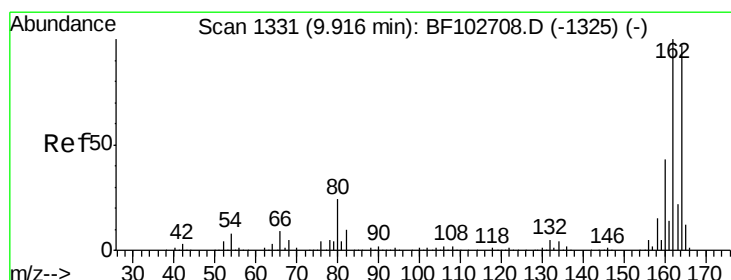
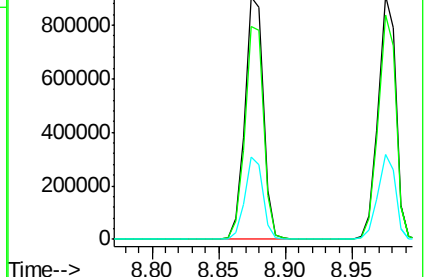
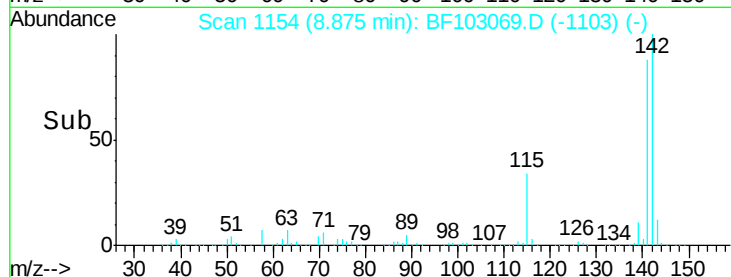
115 33.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

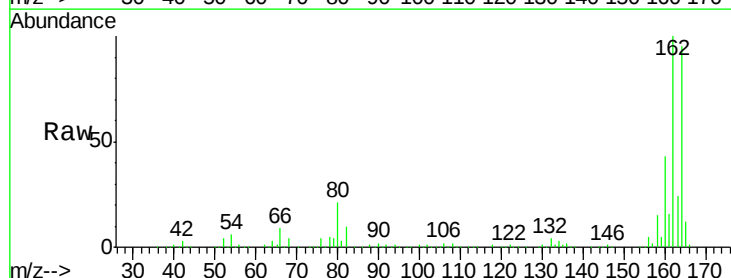
Tgt Ion:164 Resp: 336937

Ion Ratio Lower Upper

164 100

162 105.3 86.1 129.1

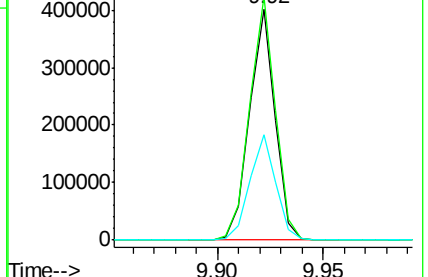
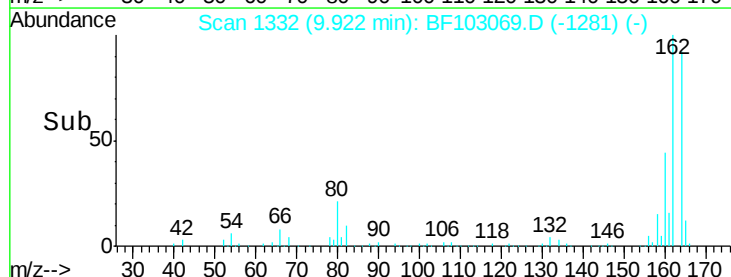
160 45.7 38.3 57.5

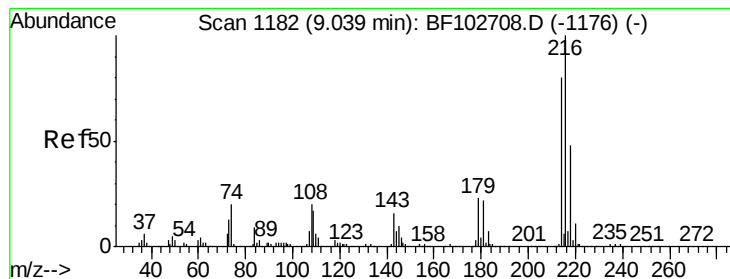


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.277 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 351160

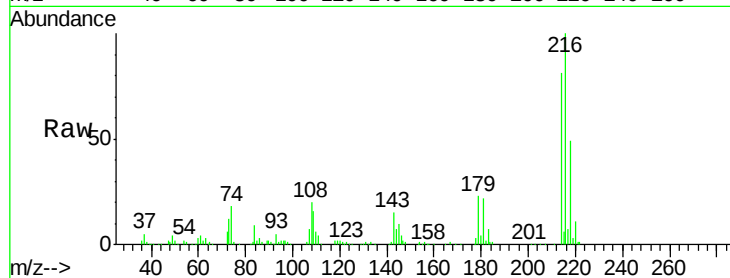
Ion Ratio Lower Upper

216 100

214 80.5 63.0 94.4

179 23.7 18.1 27.1

108 22.8 17.2 25.8

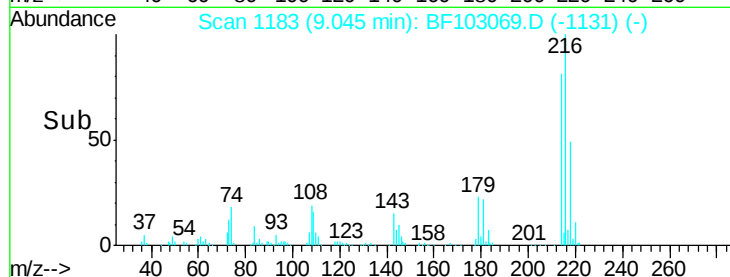


Abundance Ion 216.00 (215.70 to 216.70): E

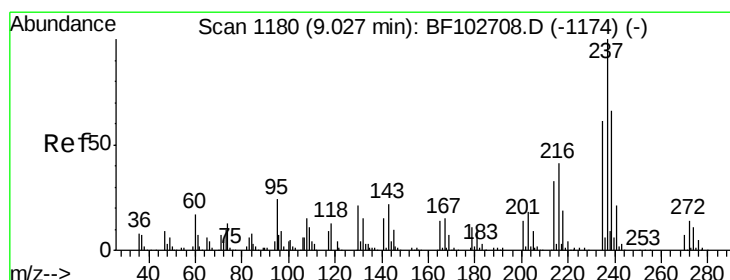
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 37.578 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

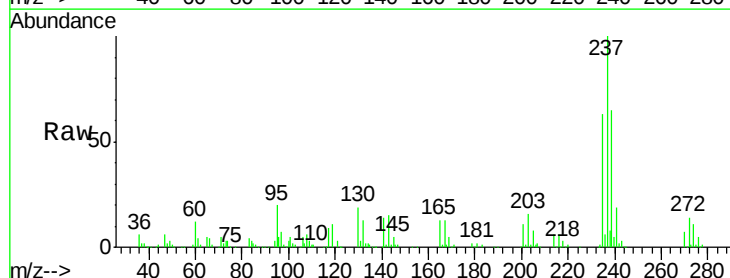
Tgt Ion:237 Resp: 163886

Ion Ratio Lower Upper

237 100

235 62.8 44.8 84.8

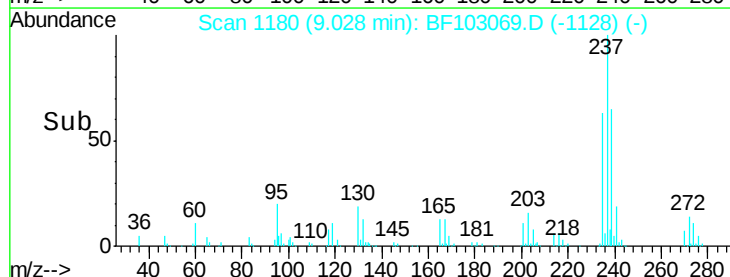
272 14.1 0.0 33.3



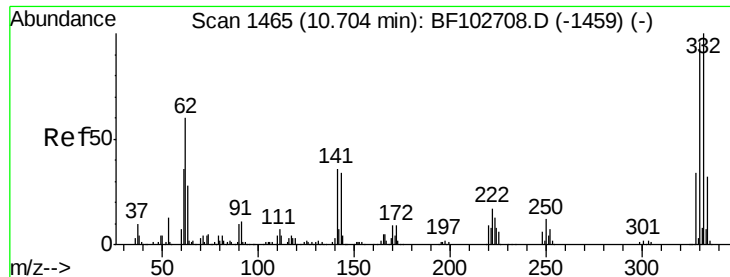
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



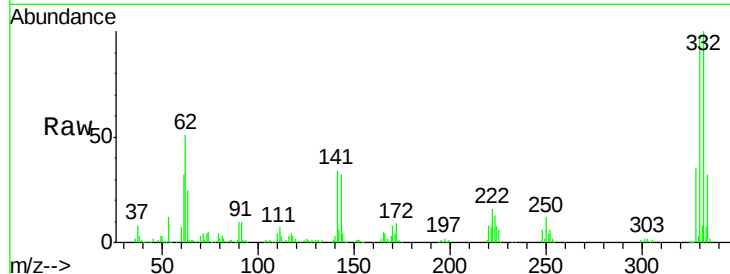
Time-->



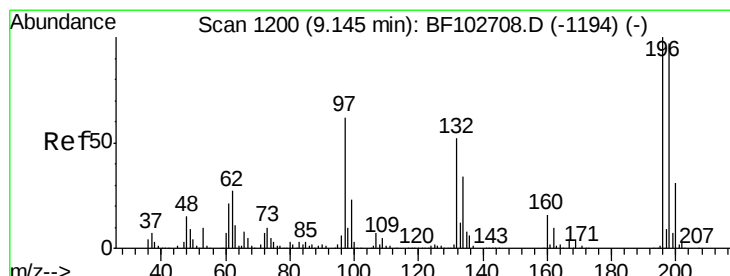
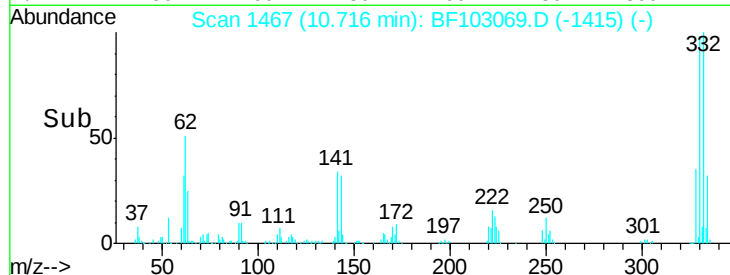
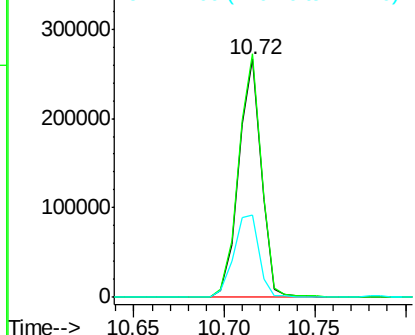
#41
 2,4,6-Tribromophenol
 Concen: 85.214 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.7	77.0	115.6
141	39.2	29.9	44.9

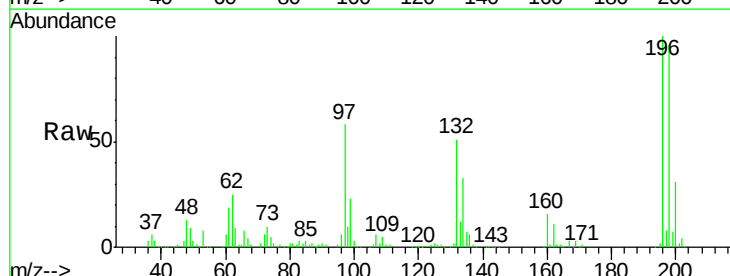


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

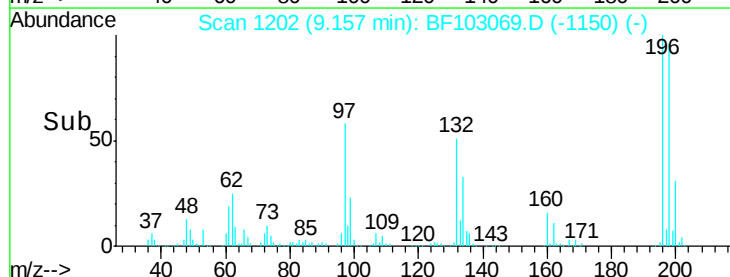
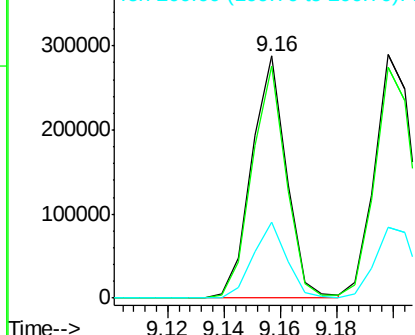


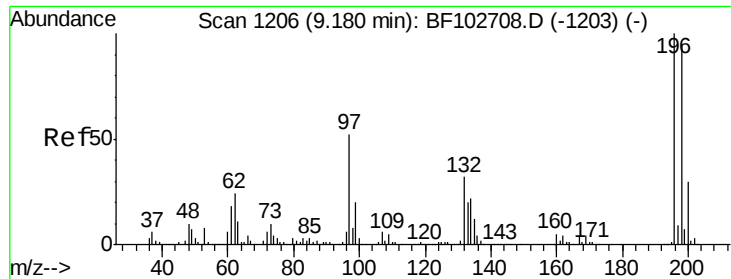
#42
 2,4,6-Trichlorophenol
 Concen: 40.687 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	31.2	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

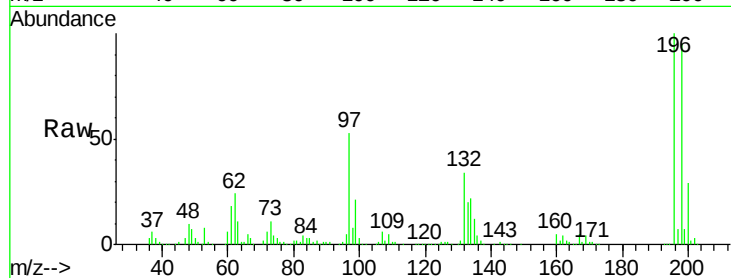




#43
 2,4,5-Trichlorophenol
 Concen: 41.528 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	282050
Ion Ratio	Lower	Upper	
196	100		
198	94.6	74.6	112.0
97	53.0	42.9	64.3
132	34.0	26.3	39.5



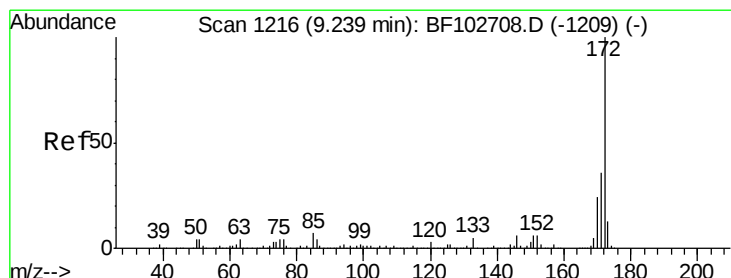
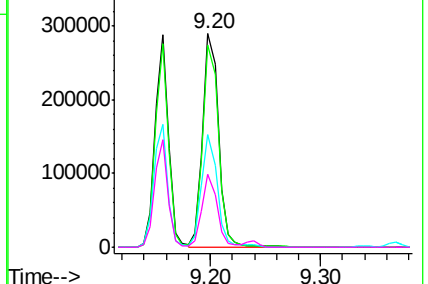
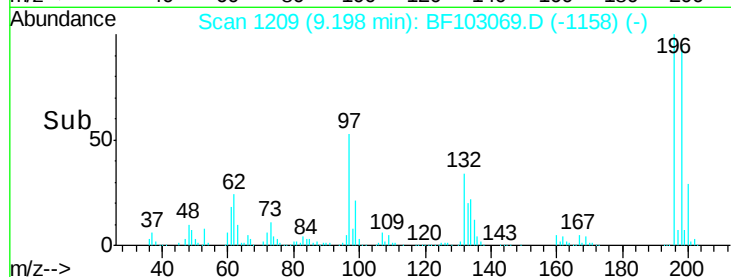
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

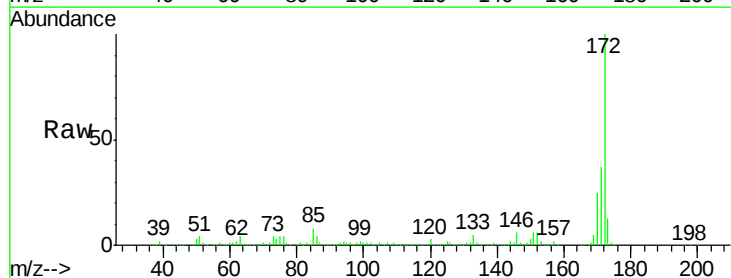
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.736 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

Tgt Ion	172	Resp	1497234
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4

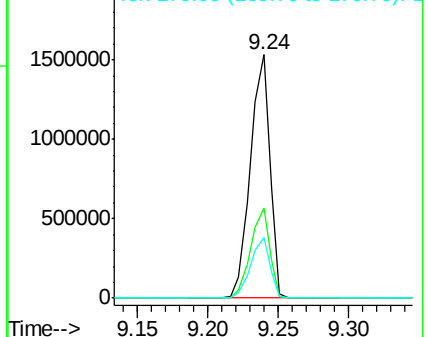
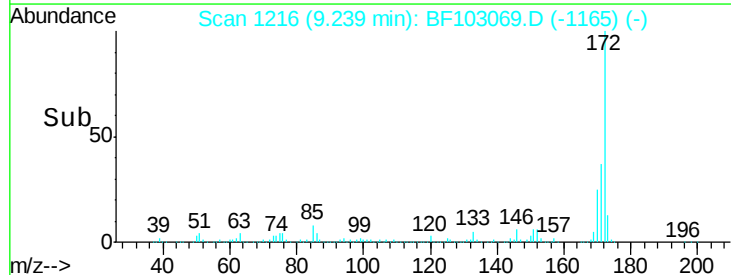


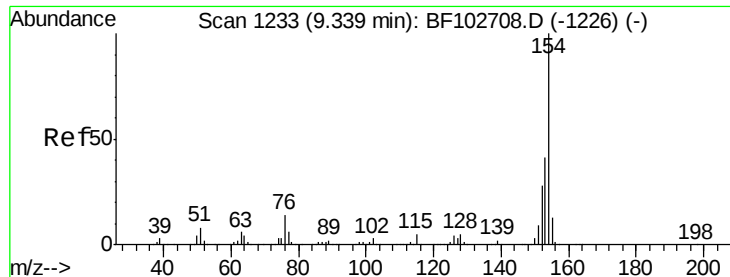
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.743 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

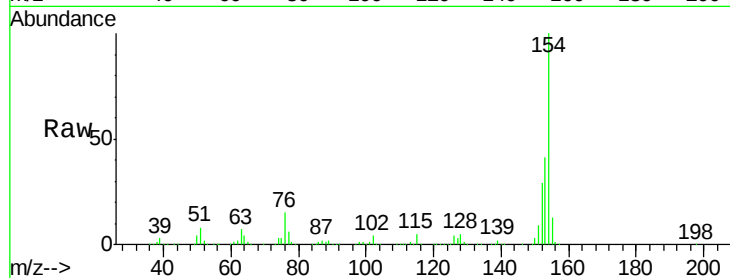
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1042729

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	14.8	0.0	34.0

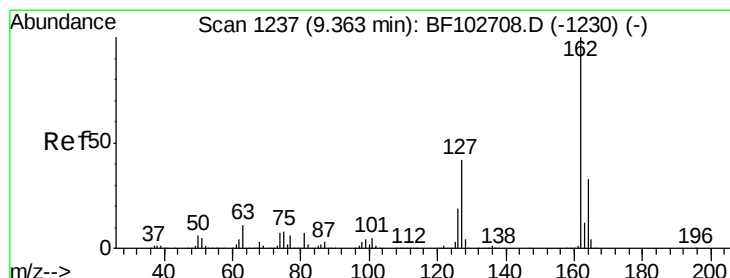
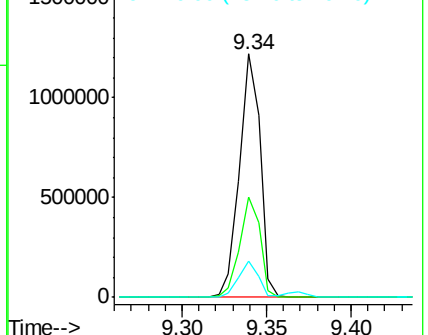
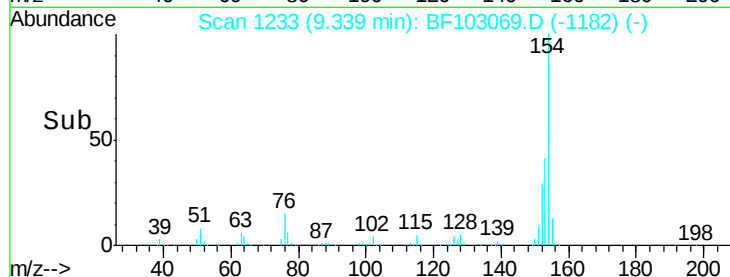


Abundance

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: 37.731 ng

RT: 9.37 min Scan# 1238

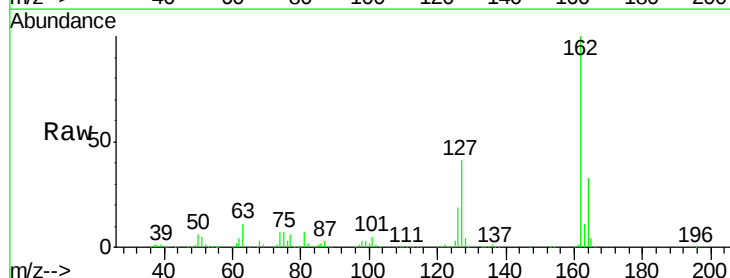
Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Tgt Ion:162 Resp: 842988

Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.9	50.9
164	32.6	26.5	39.7

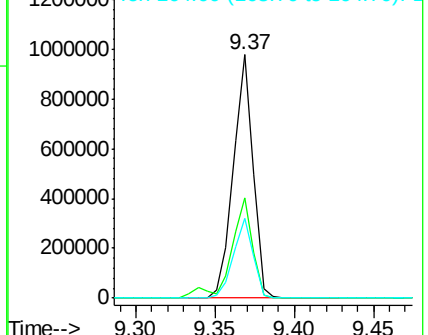
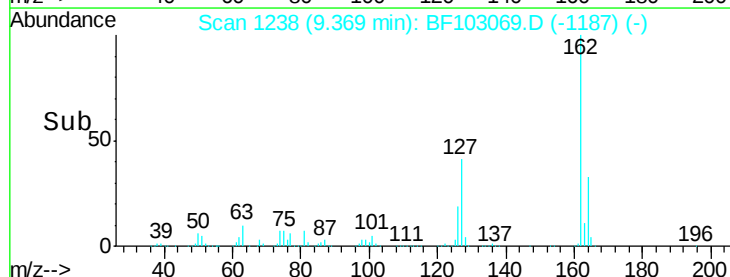


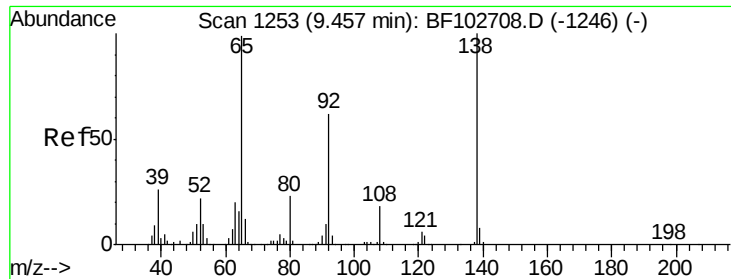
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.608 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

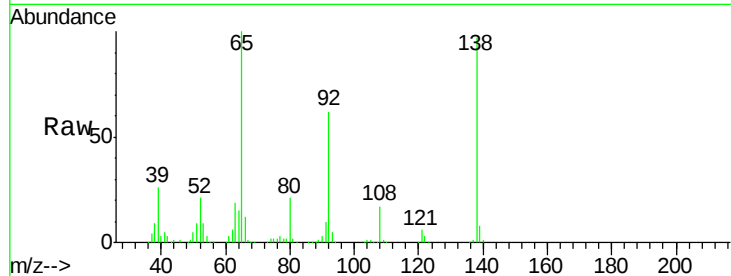
Tot Ion: 65 Resp: 320580

Ion Ratio Lower Upper

65 100

92 61.9 55.8 83.6

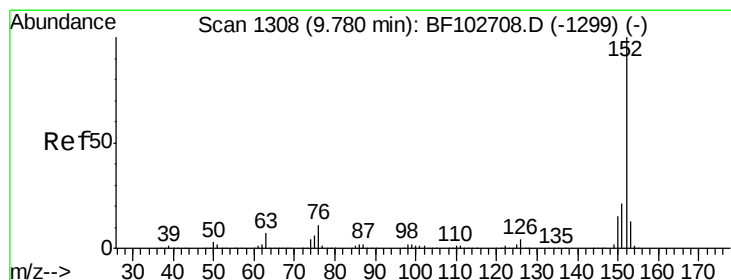
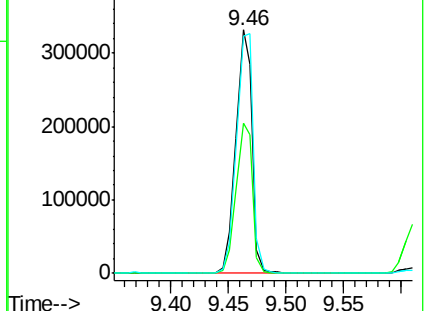
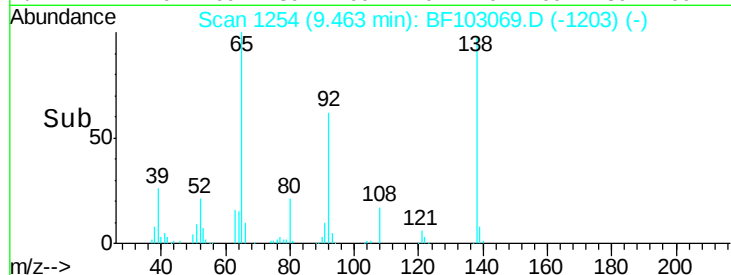
138 97.2 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 37.366 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

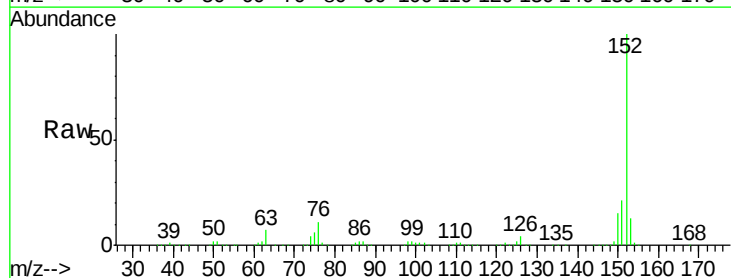
Tgt Ion: 152 Resp: 1296639

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

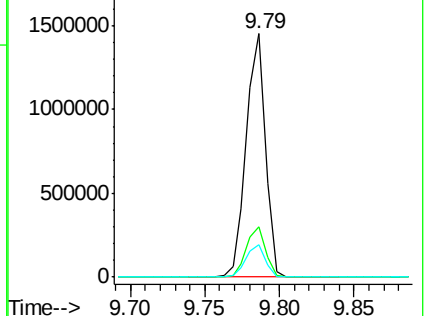
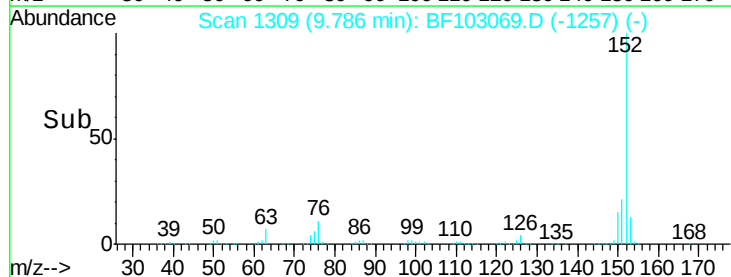
153 13.5 10.7 16.1

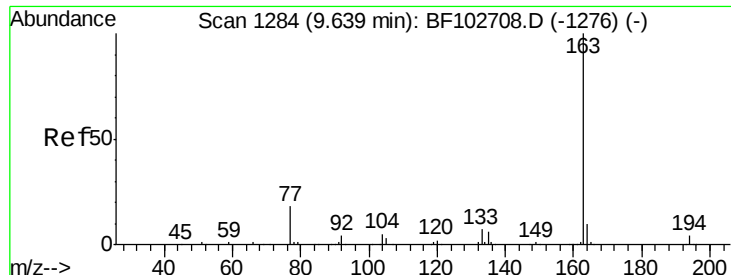


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

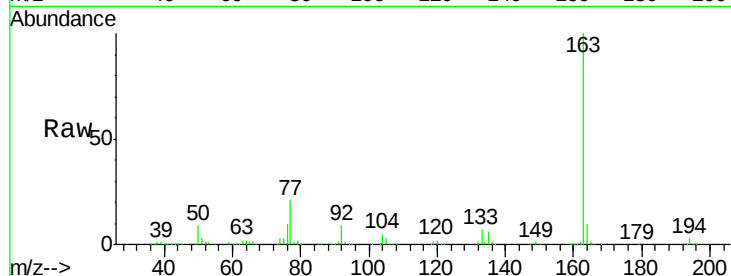




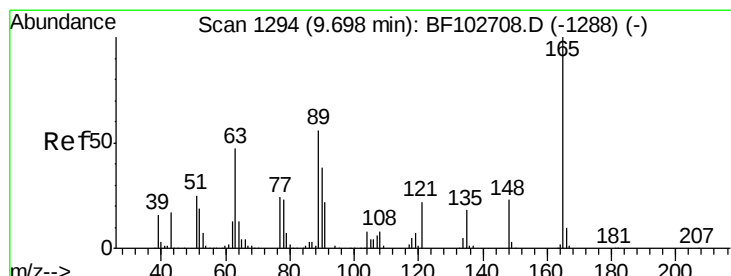
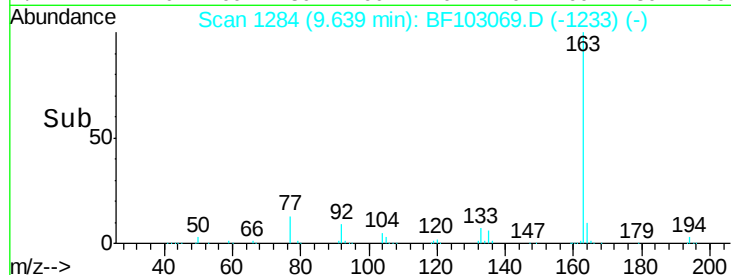
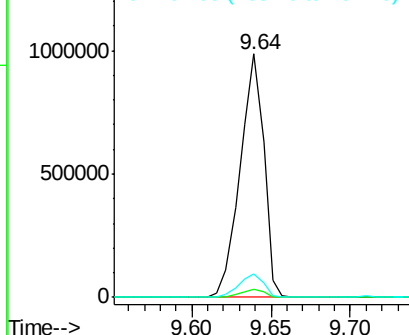
#49
Dimethylphthalate
Concen: 38.844 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1020489
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

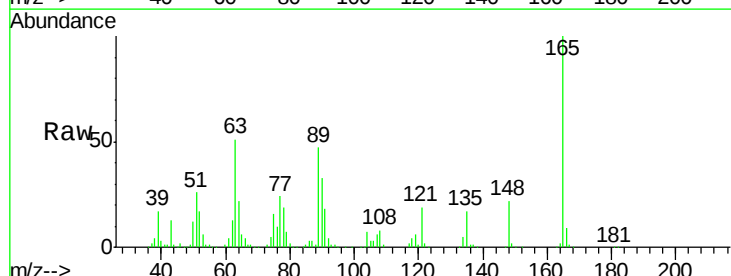


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

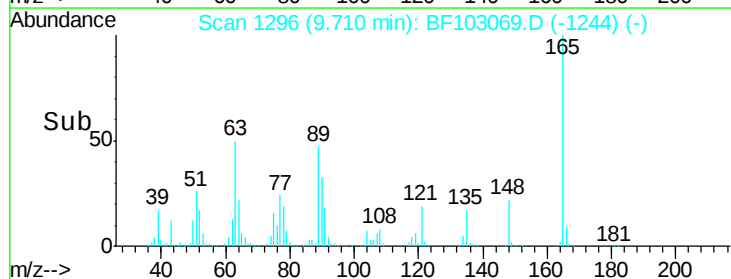
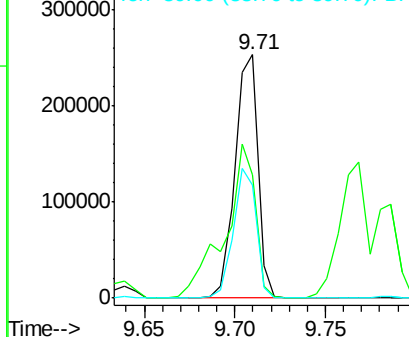


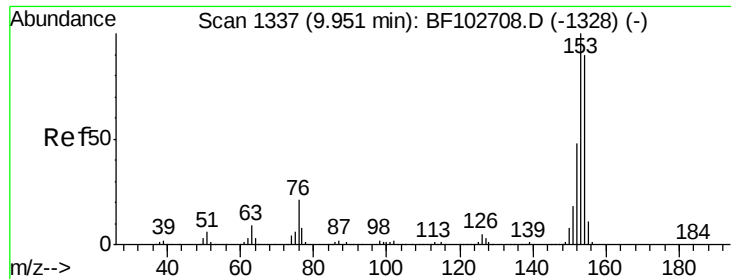
#50
2,6-Dinitrotoluene
Concen: 44.627 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion:165 Resp: 223054
Ion Ratio Lower Upper
165 100
63 50.5 44.7 67.1
89 46.6 44.0 66.0



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





#51

Acenaphthene

Concen: 36.077 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampled :

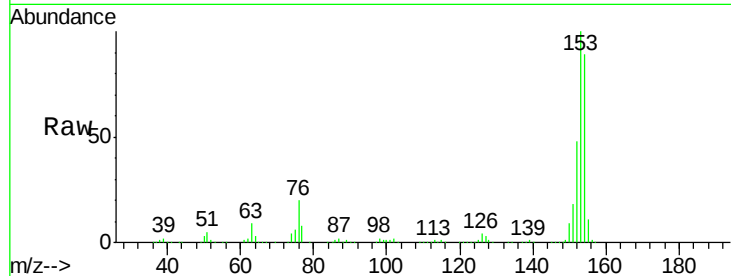
Tot Ion:154 Resp: 748685

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

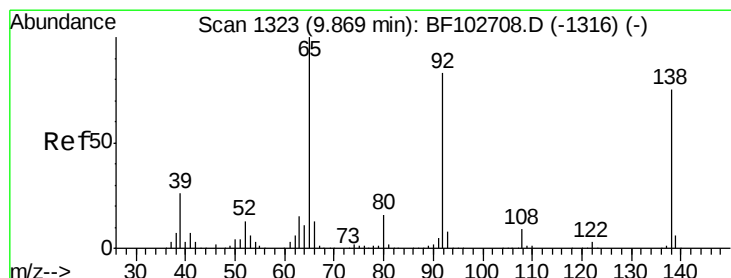
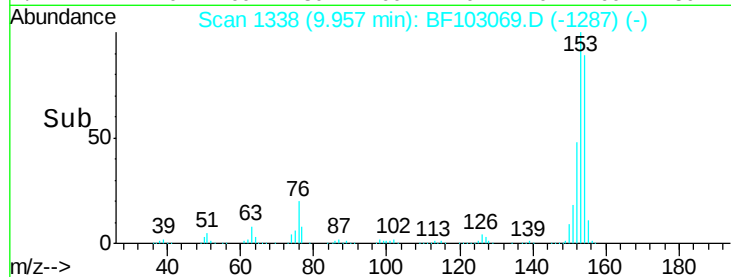
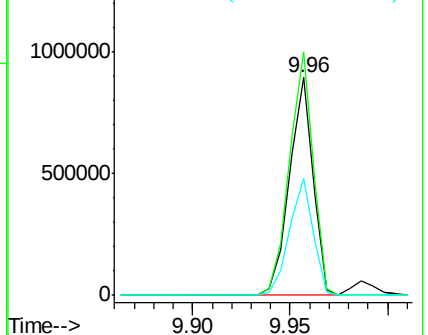
152 53.5 43.8 65.8



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: 46.110 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

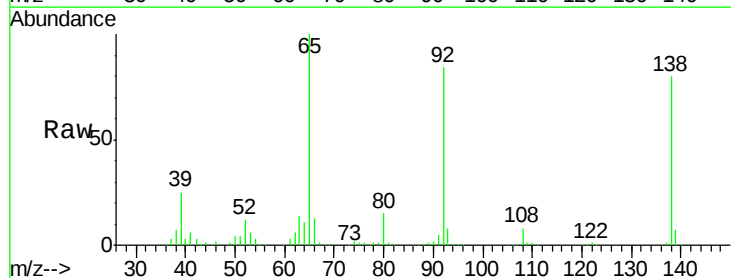
Tgt Ion:138 Resp: 283580

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

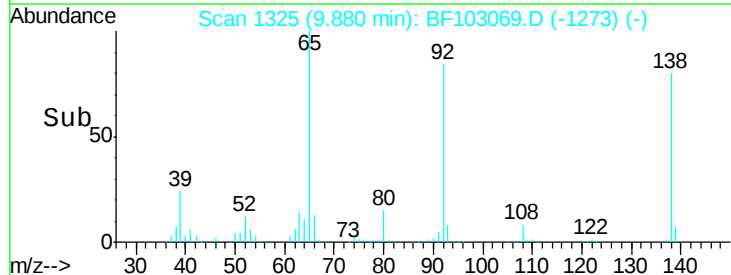
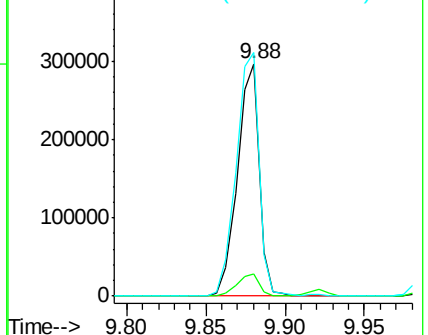
92 104.7 89.4 134.2

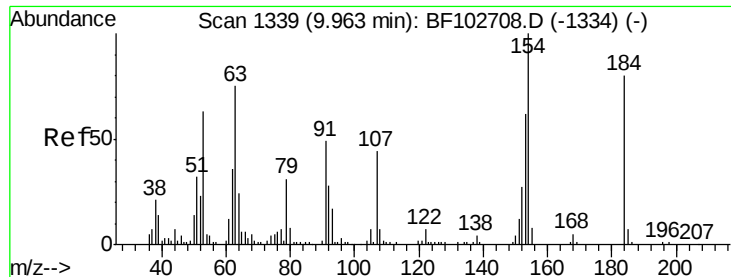


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

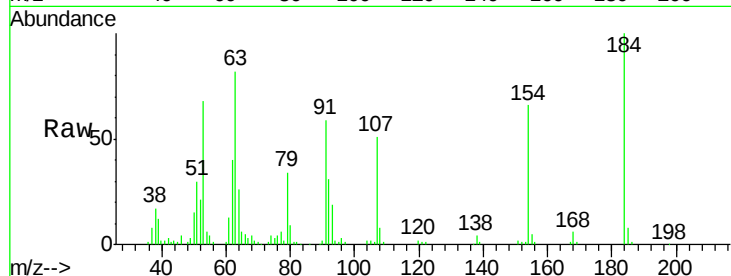




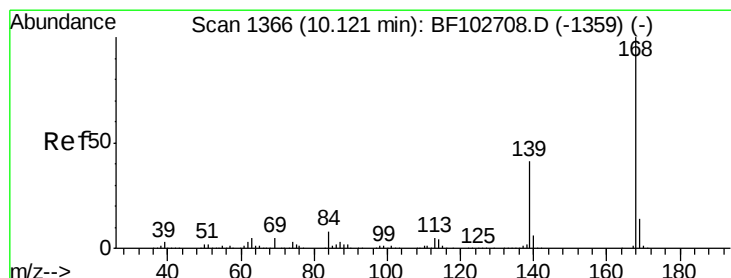
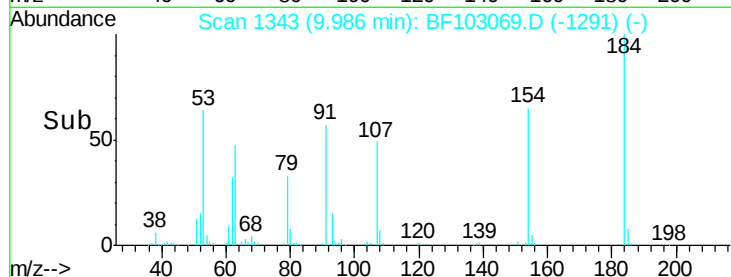
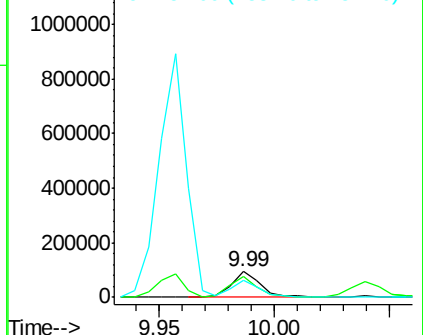
#53
2,4-Dinitrophenol
Concen: 61.089 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 85074
Ion Ratio Lower Upper
184 100
63 82.5 54.2 81.2#
154 65.7 184.0 276.0#

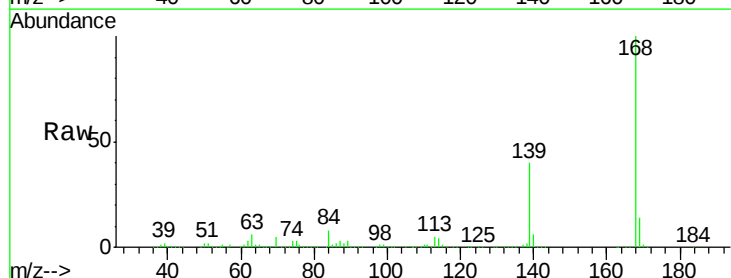


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

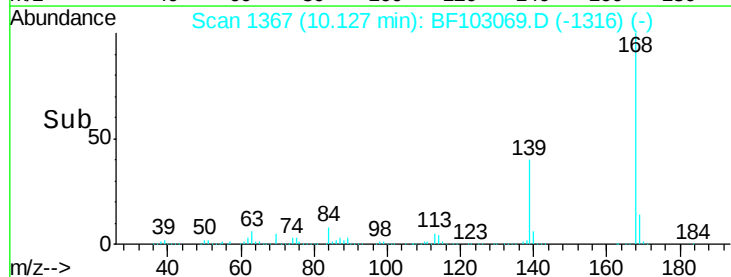
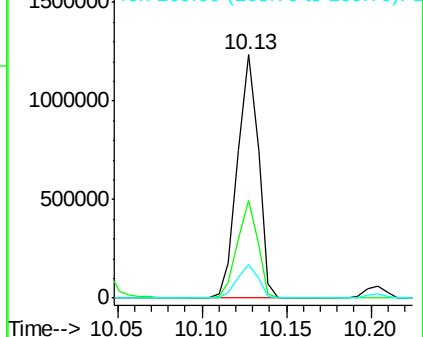


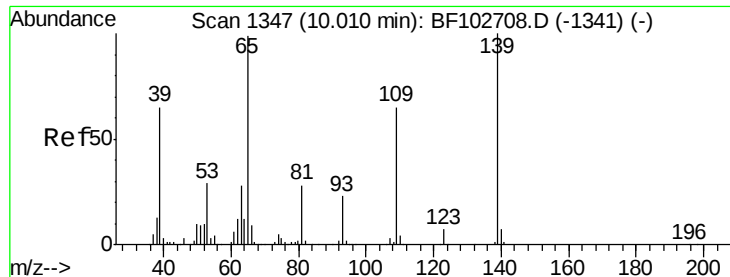
#54
Dibenzofuran
Concen: 36.476 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion:168 Resp: 1066757
Ion Ratio Lower Upper
168 100
139 40.0 30.1 45.1
169 13.7 10.9 16.3



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





#55

4-Nitrophenol

Concen: 38.897 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

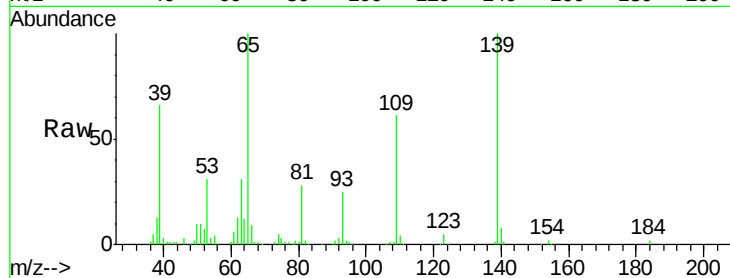
Tot Ion:139 Resp: 185582

Ion Ratio Lower Upper

139 100

109 61.0 48.4 88.4

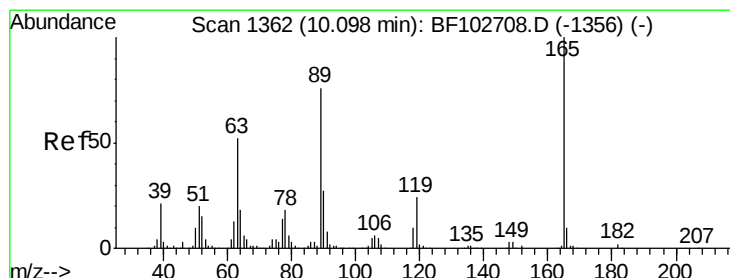
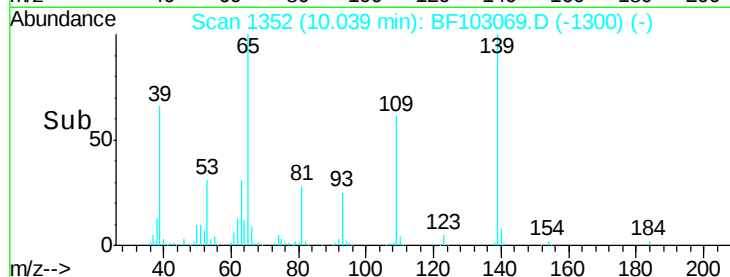
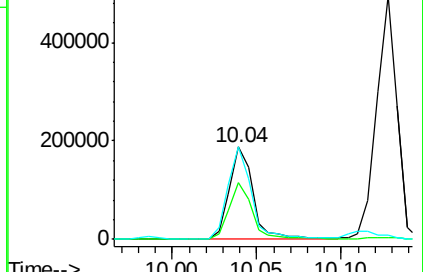
65 100.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 44.158 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Tgt Ion:165 Resp: 294248

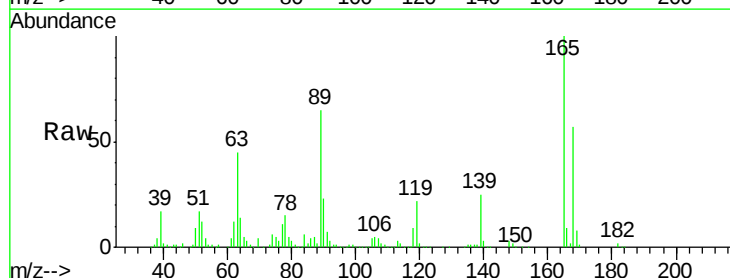
Ion Ratio Lower Upper

165 100

63 44.7 36.4 54.6

89 65.3 57.8 86.6

182 2.2 1.6 2.4

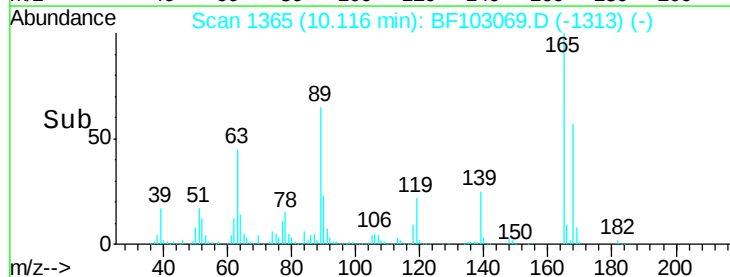
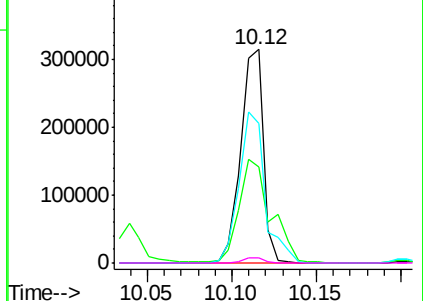


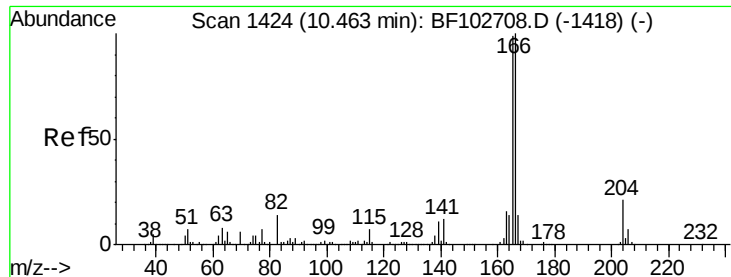
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

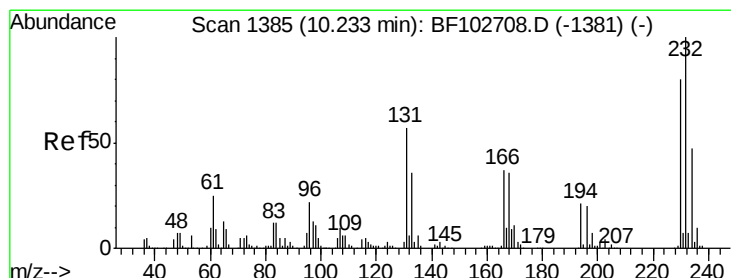
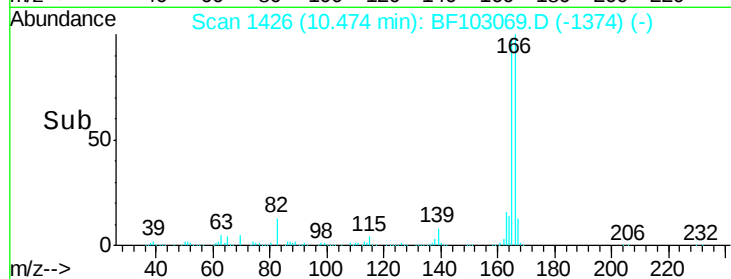
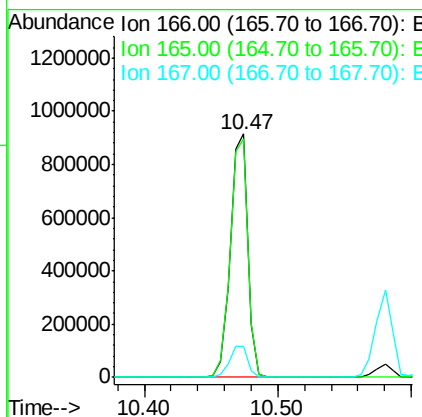
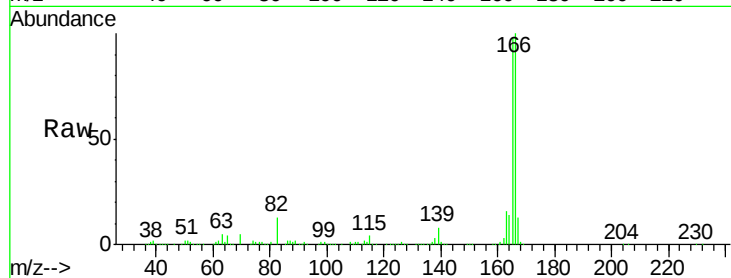




#57
 Fluorene
 Concen: 39.778 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

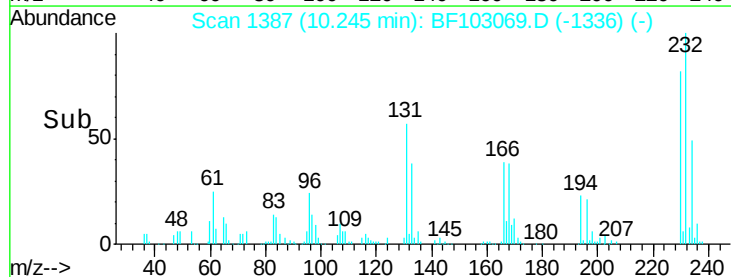
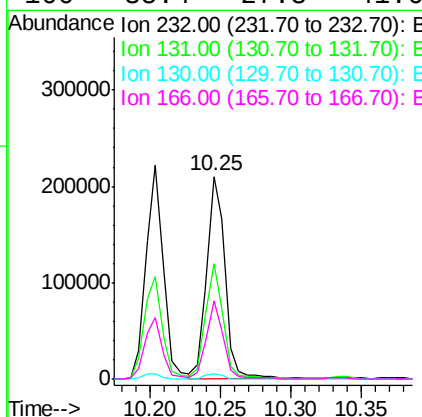
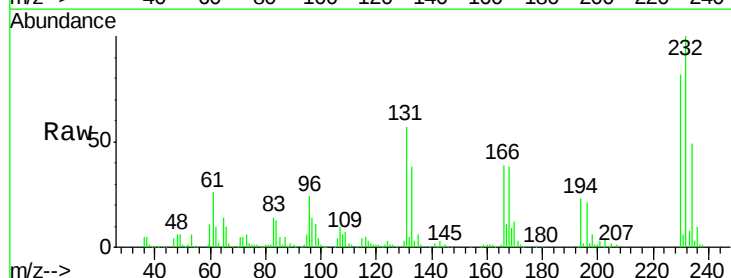
Instrument :
 BNA_F
 ClientSampleId :

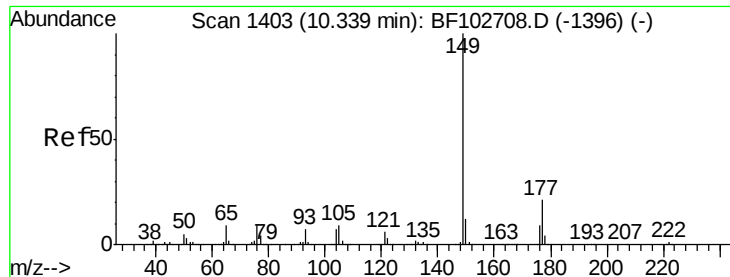
Tot Ion:166 Resp: 846404
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.8 119.8
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.194 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

Tgt Ion:232 Resp: 189205
 Ion Ratio Lower Upper
 232 100
 131 54.2 43.8 65.8
 130 2.7 2.1 3.1
 166 35.4 27.8 41.6

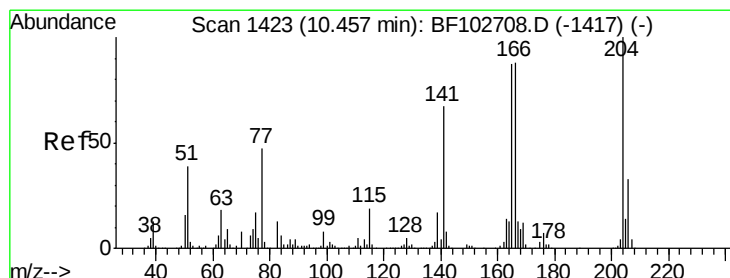
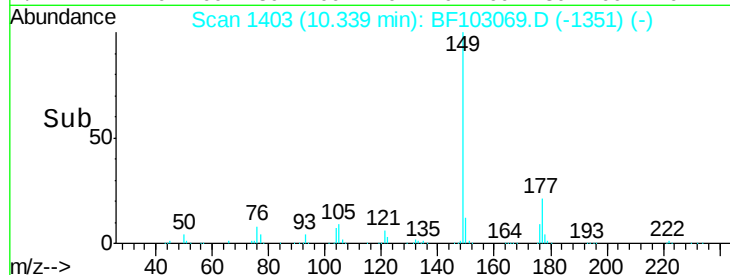
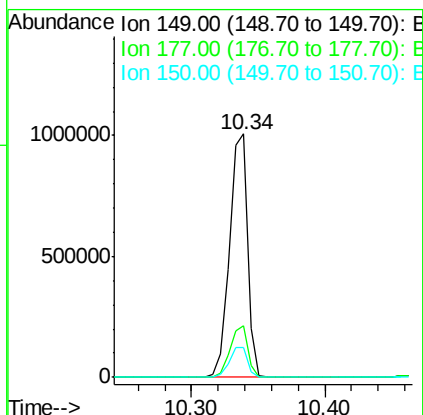
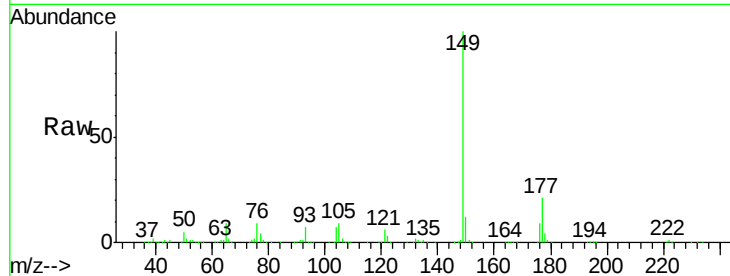




#59
Diethylphthalate
Concen: 37.273 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

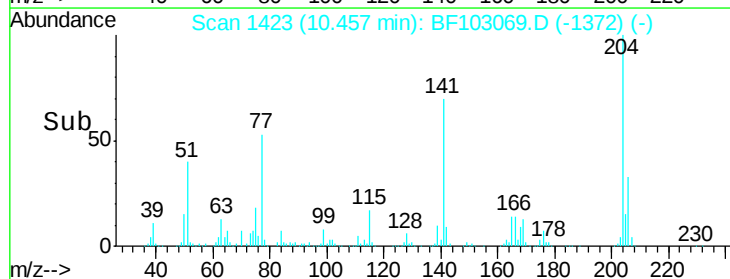
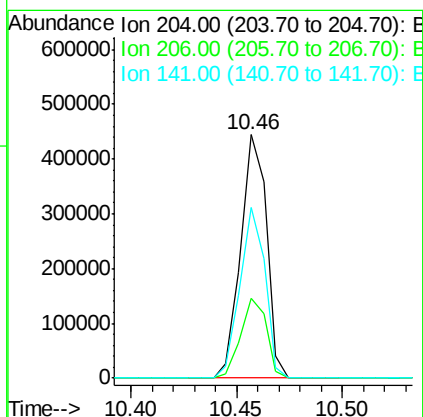
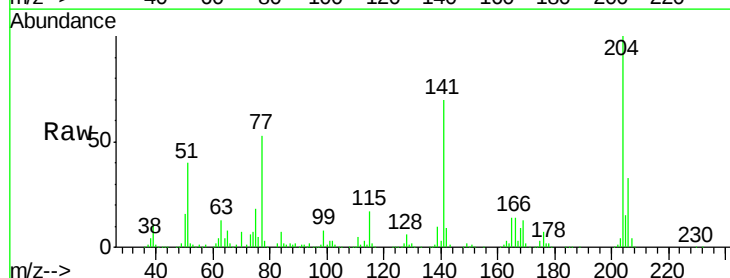
Instrument :
BNA_F
ClientSampled :

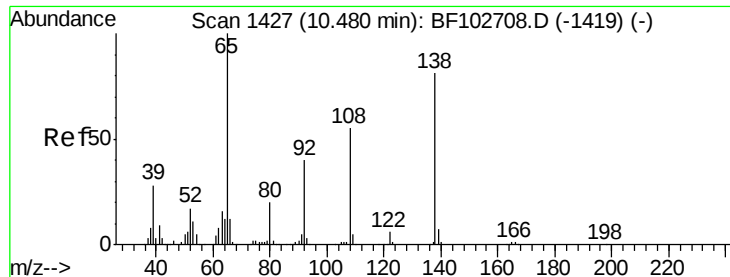
Tot Ion:149 Resp: 966889
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.905 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion:204 Resp: 375623
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 69.9 54.6 81.8

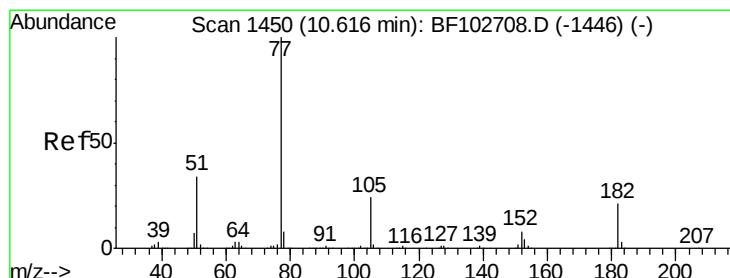
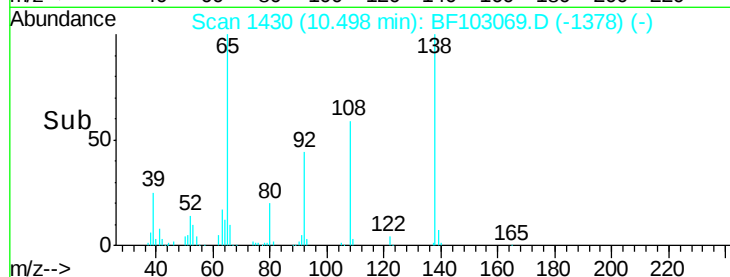
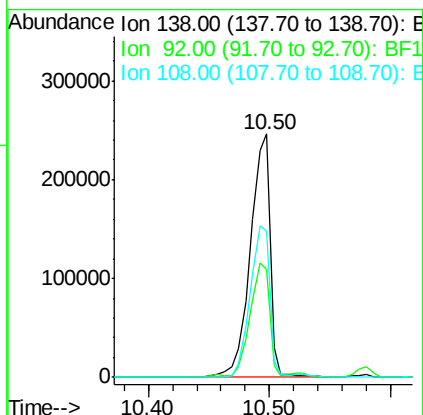
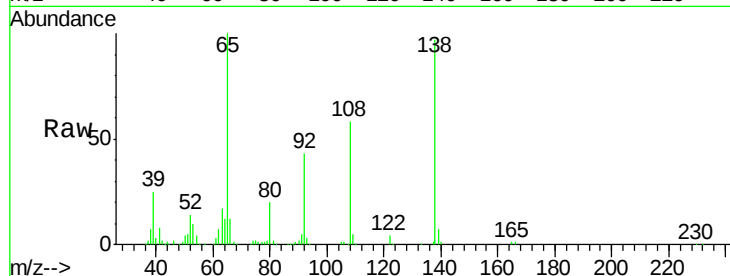




#61
4-Nitroaniline
Concen: 48.701 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

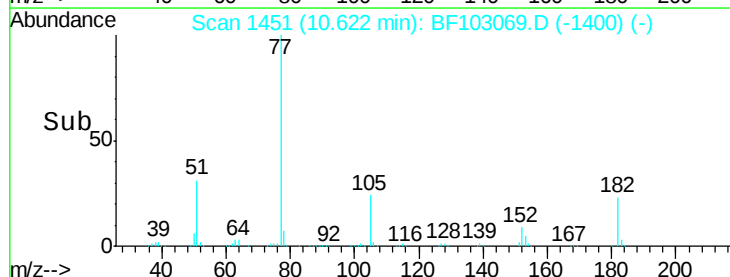
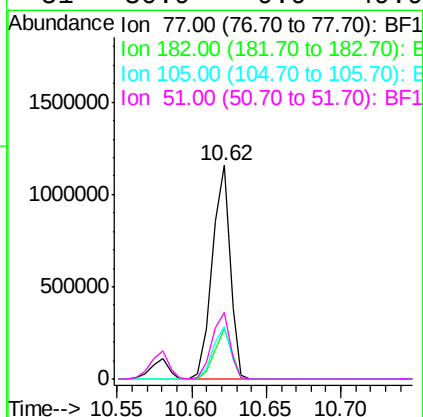
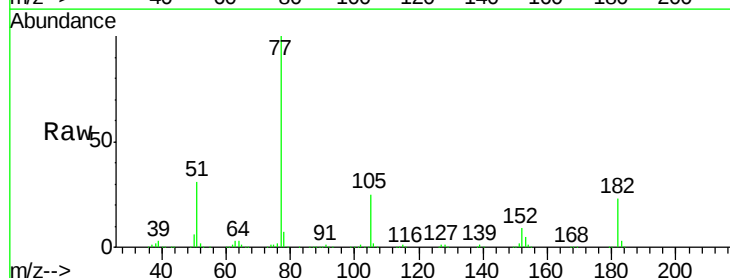
Instrument :
BNA_F
ClientSampleId :

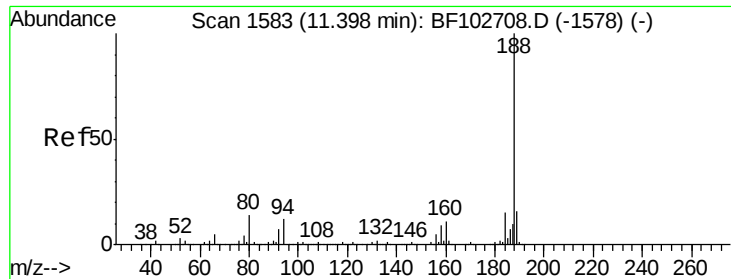
Tot Ion:138 Resp: 285092
Ion Ratio Lower Upper
138 100
92 44.4 30.2 70.2
108 60.0 52.5 92.5



#62
Azobenzene
Concen: 36.986 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion: 77 Resp: 958481
Ion Ratio Lower Upper
77 100
182 23.4 1.7 41.7
105 24.8 3.0 43.0
51 30.9 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampled :

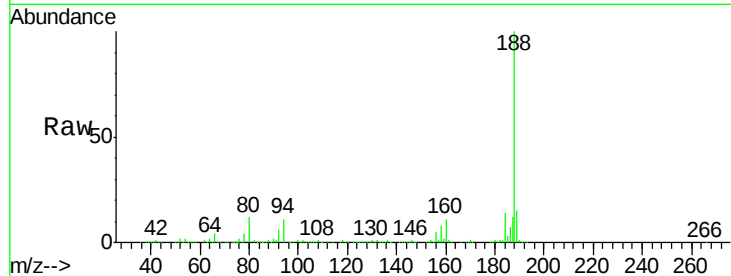
Tot Ion:188 Resp: 600111

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

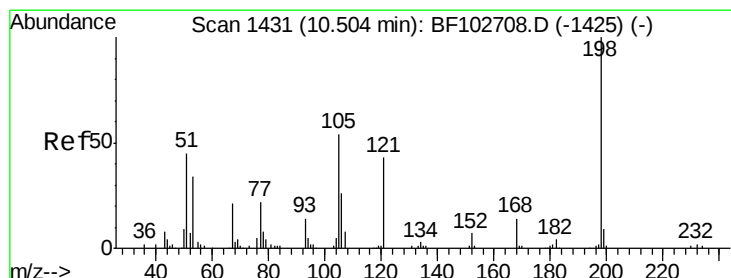
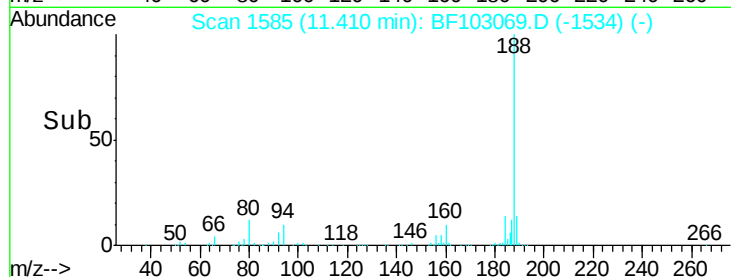
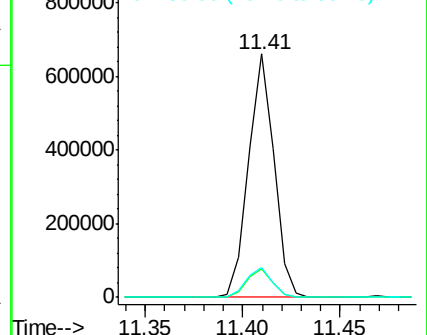
80 12.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 56.253 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

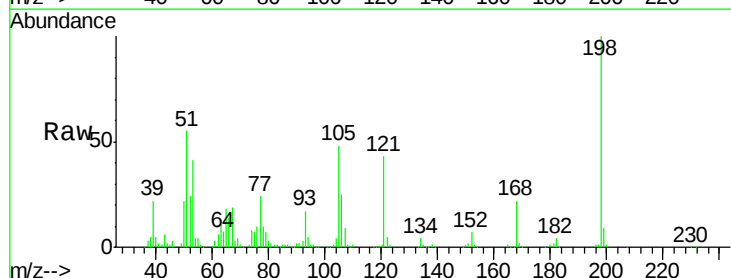
Tgt Ion:198 Resp: 148725

Ion Ratio Lower Upper

198 100

51 55.5 37.7 77.7

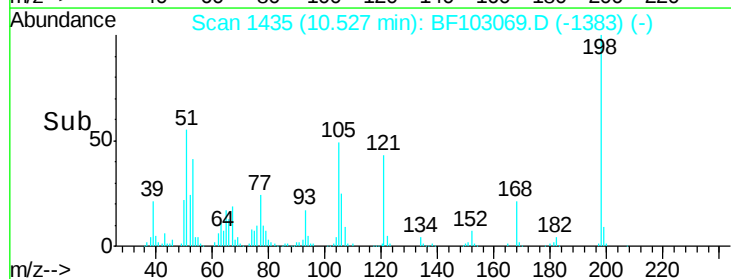
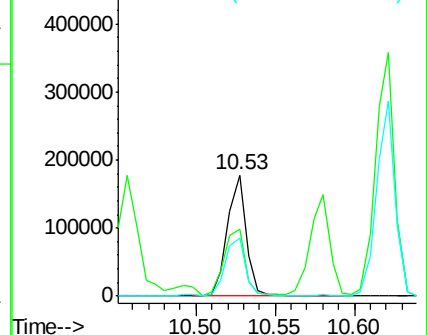
105 48.4 36.3 76.3

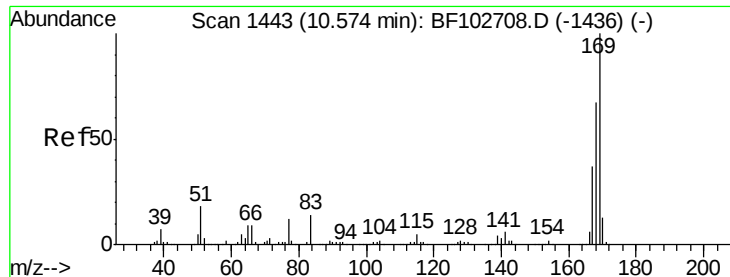


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

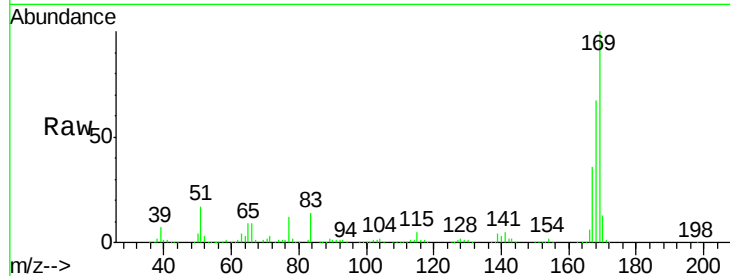




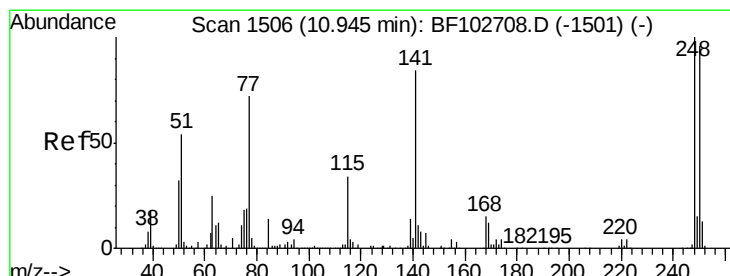
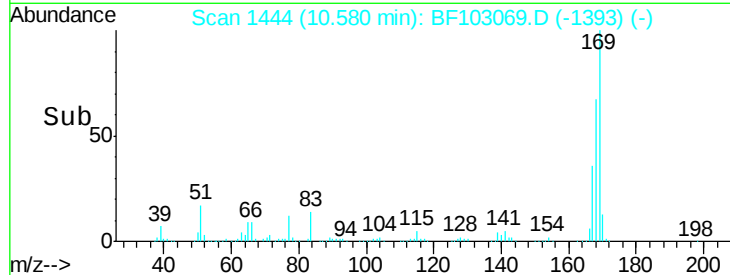
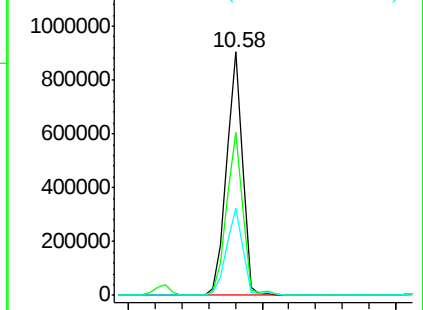
#65
n-Nitrosodiphenylamine
Concen: 36.369 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 769854
Ion Ratio Lower Upper
169 100
168 67.2 54.4 81.6
167 36.2 29.8 44.6

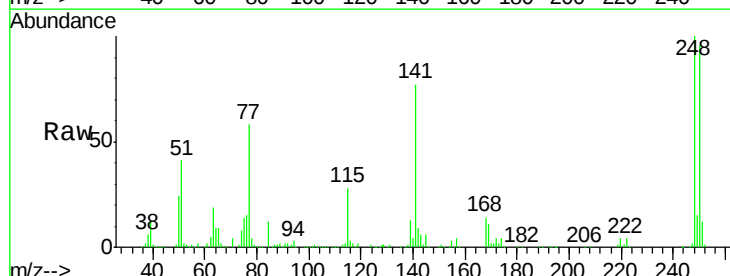


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

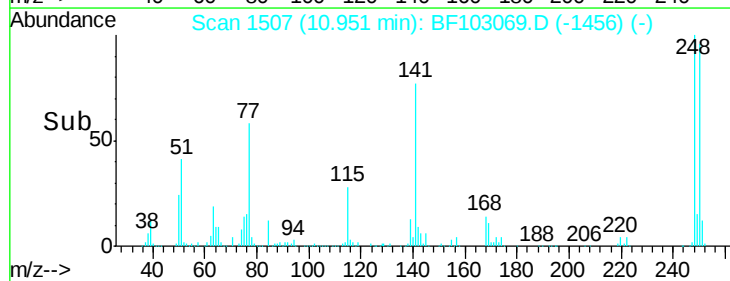
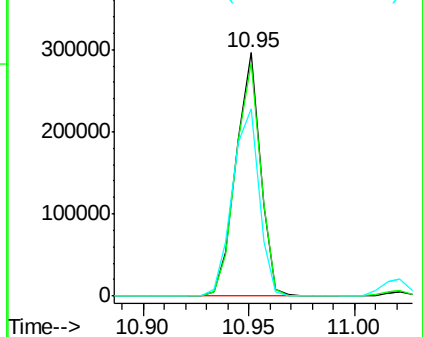


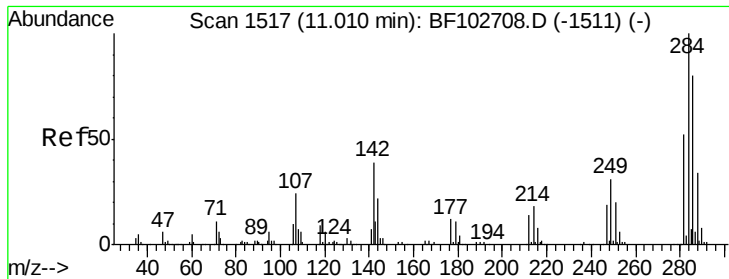
#66
4-Bromophenyl-phenylether
Concen: 37.226 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion:248 Resp: 236314
Ion Ratio Lower Upper
248 100
250 96.0 76.9 115.3
141 77.1 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

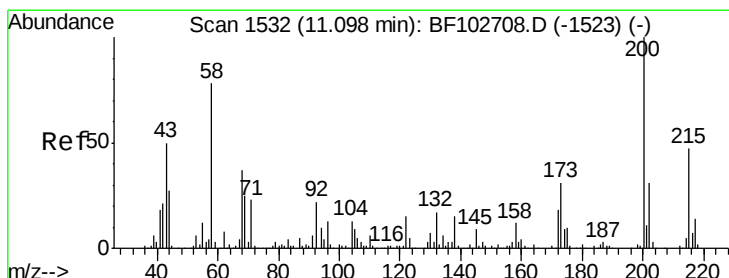
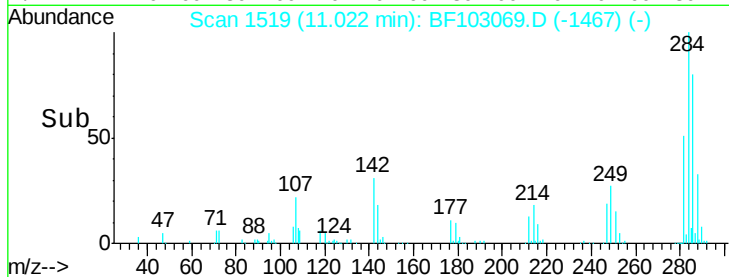
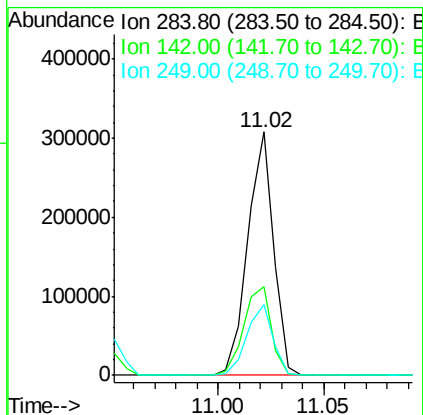
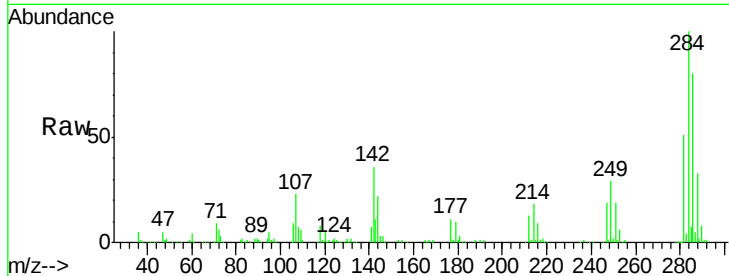




#67
Hexachlorobenzene
Concen: 37.391 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

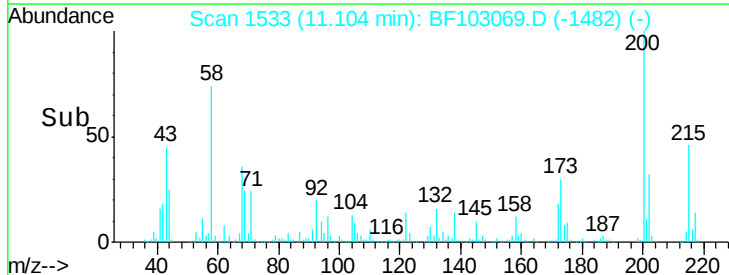
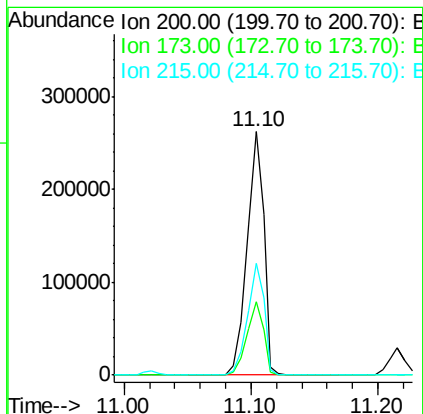
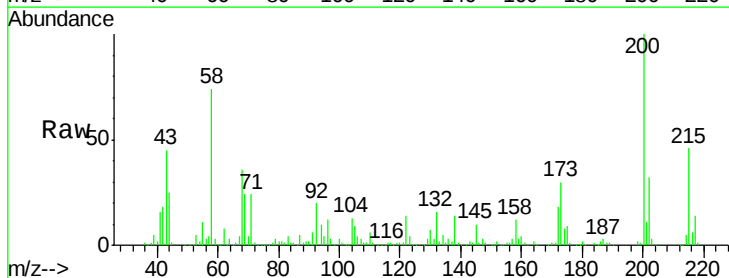
Instrument :
BNA_F
ClientSampleId :

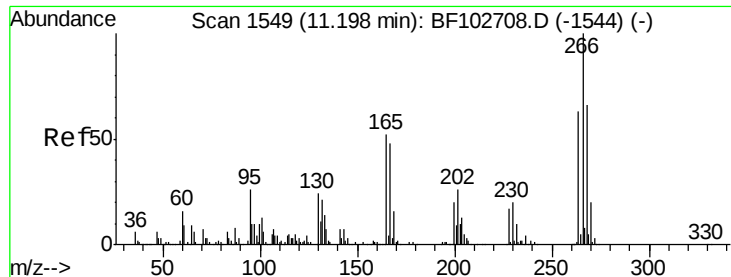
Tot Ion:284 Resp: 261854
Ion Ratio Lower Upper
284 100
142 36.2 34.6 52.0
249 29.0 24.8 37.2



#68
Atrazine
Concen: 38.521 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion:200 Resp: 240553
Ion Ratio Lower Upper
200 100
173 30.2 8.6 48.6
215 45.8 25.1 65.1

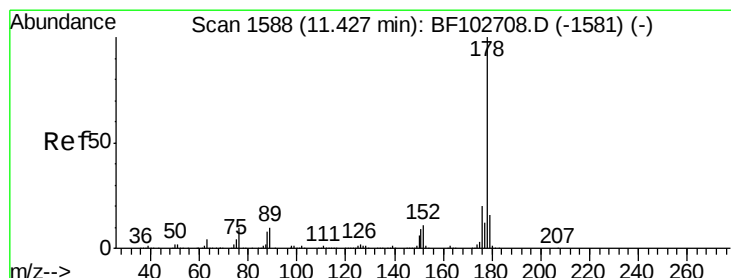
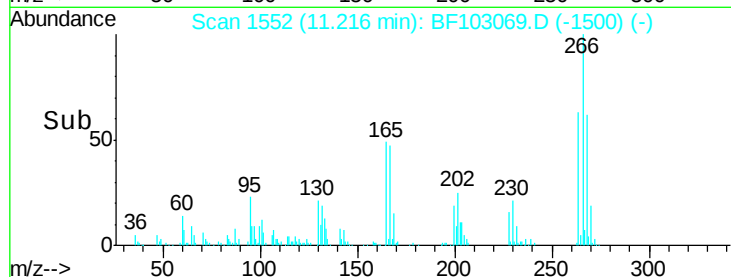
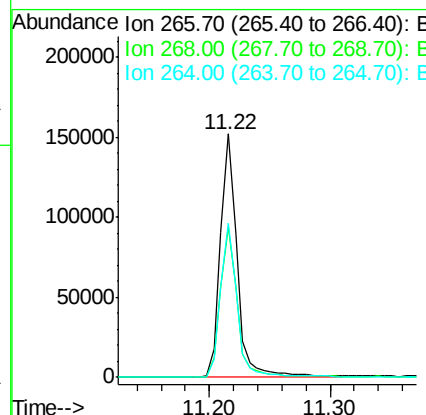
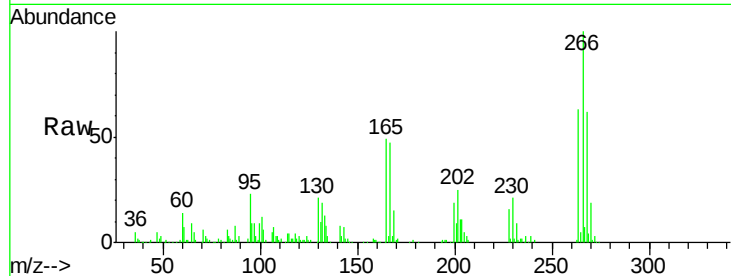




#69
 Pentachlorophenol
 Concen: 35.409 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

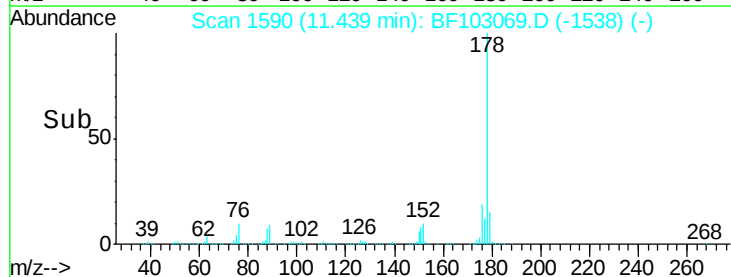
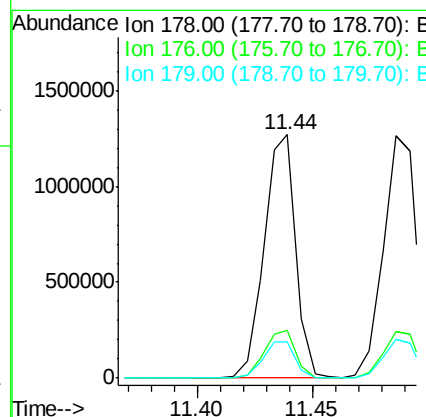
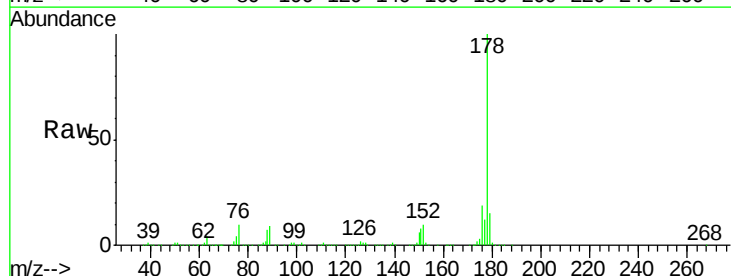
Instrument :
 BNA_F
 ClientSampleId :

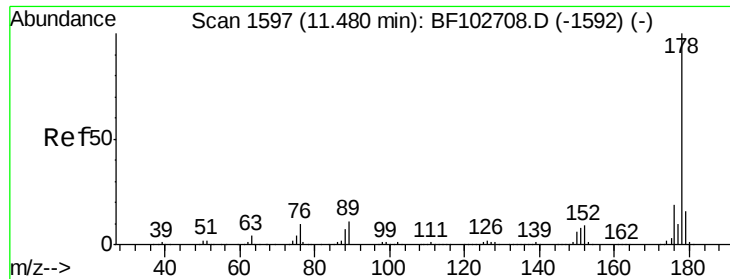
Tot Ion:266 Resp: 145564
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 63.5 49.5 74.3



#70
 Phenanthrene
 Concen: 36.043 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

Tgt Ion:178 Resp: 1204653
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.1 13.0 19.6

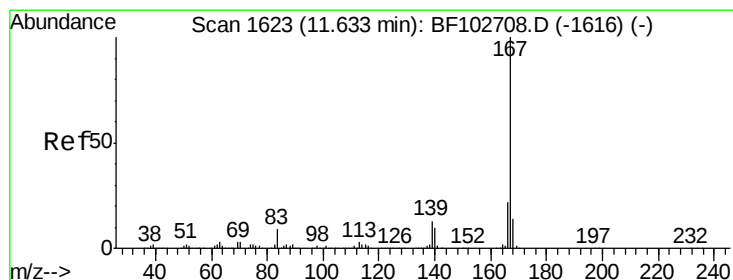
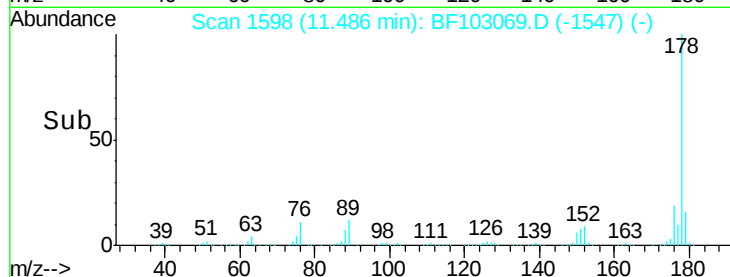
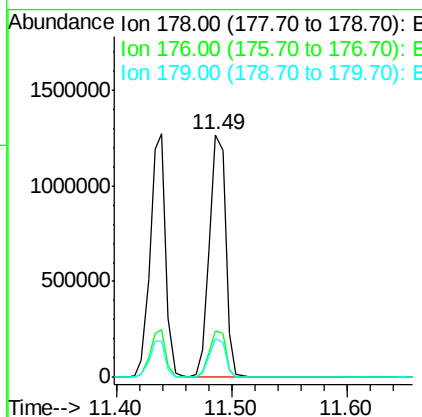
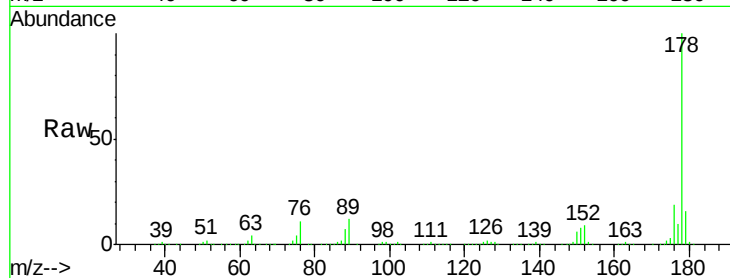




#71
 Anthracene
 Concen: 36.833 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

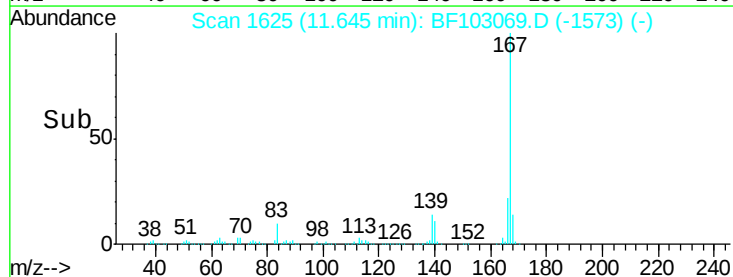
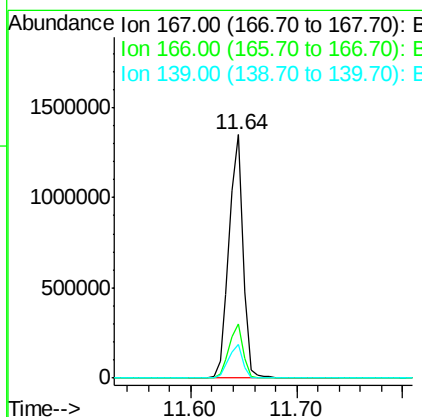
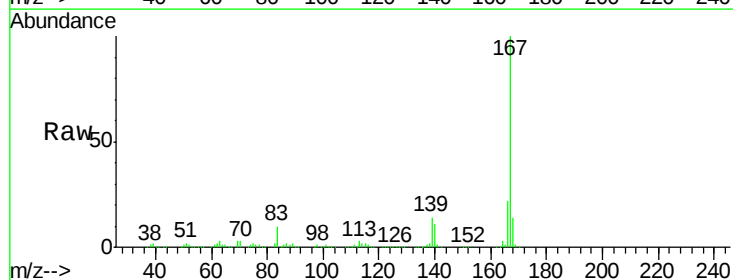
Instrument :
 BNA_F
 ClientSampleId :

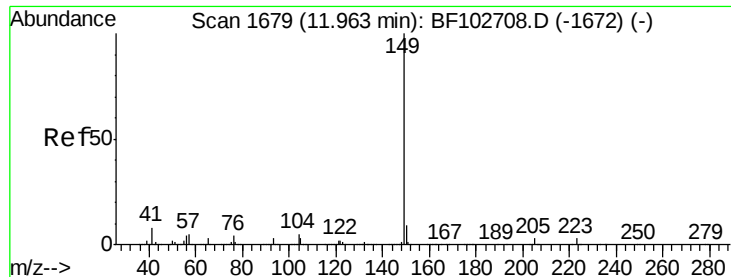
Tot Ion:178 Resp: 1252088
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 37.361 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF103069.D
 Acq: 19 Feb 2018 9:22

Tgt Ion:167 Resp: 1244222
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.769 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampled :

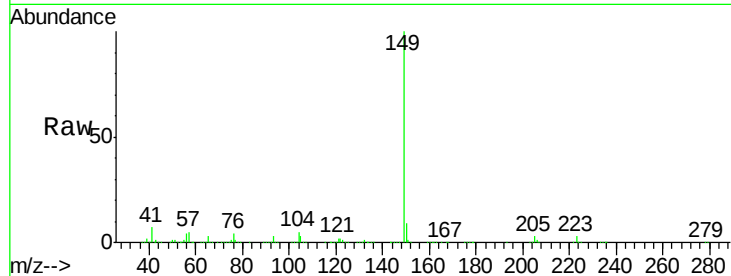
Tot Ion:149 Resp: 1568380

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

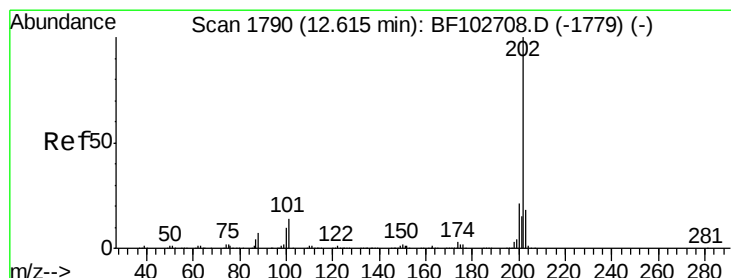
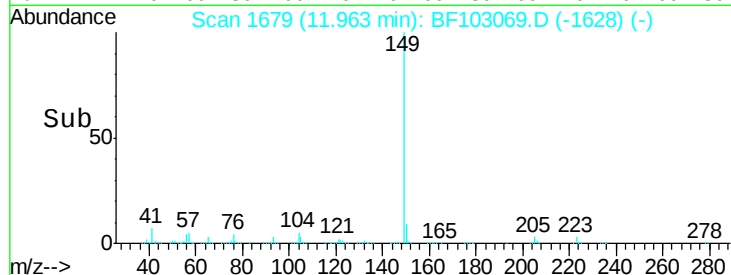
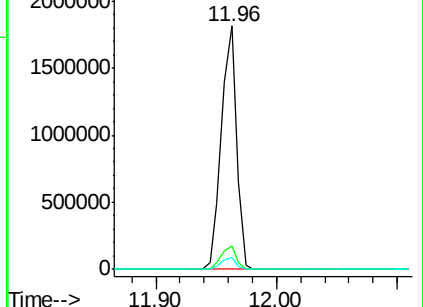
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.337 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

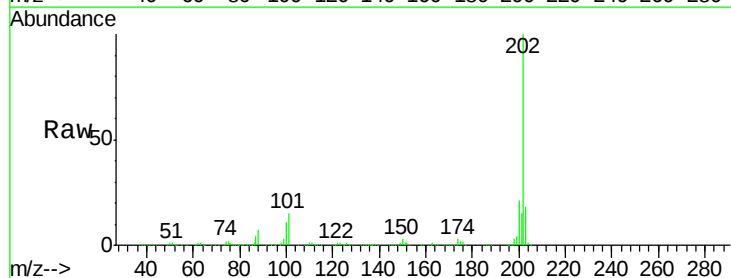
Tgt Ion:202 Resp: 1255508

Ion Ratio Lower Upper

202 100

101 14.9 0.0 34.1

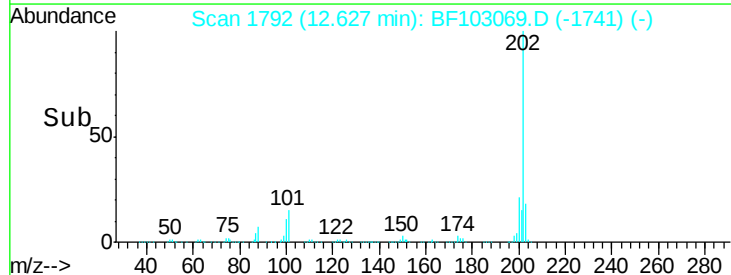
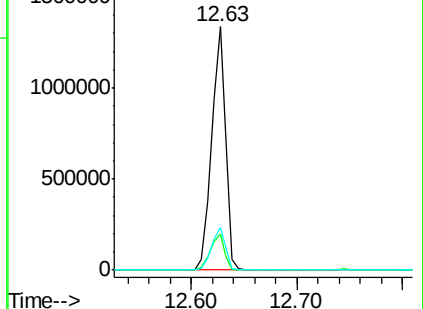
203 17.6 0.0 38.1

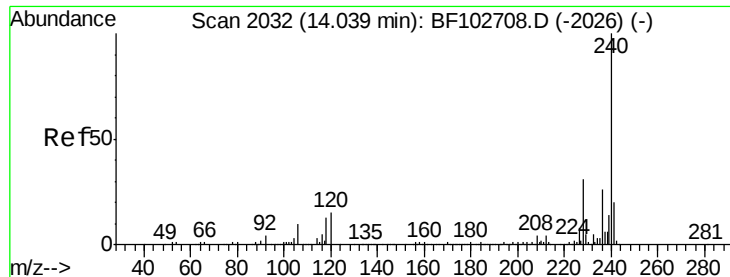


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

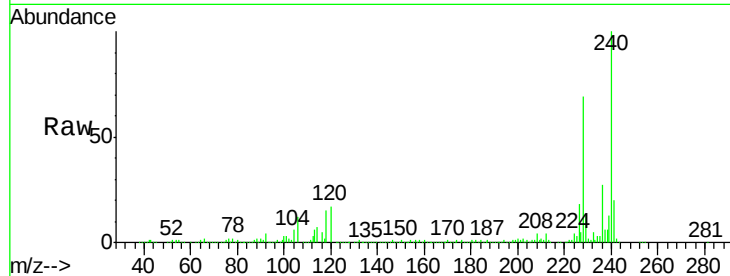
Tot Ion:240 Resp: 458147

Ion Ratio Lower Upper

240 100

120 16.9 9.5 14.3#

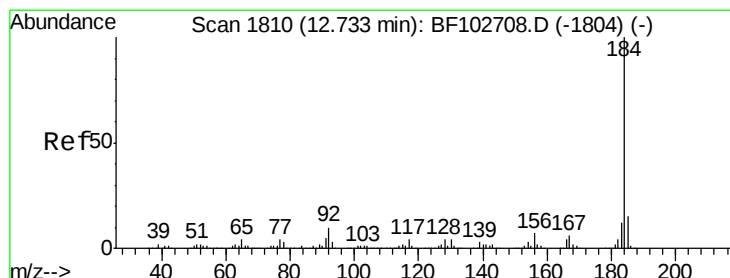
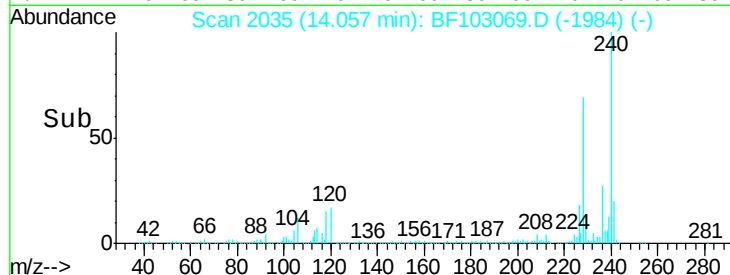
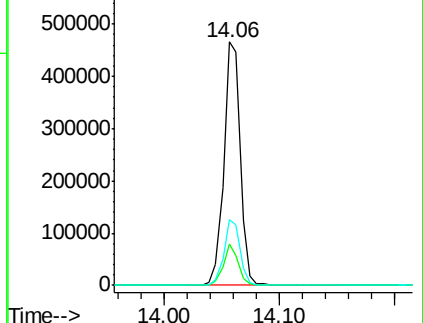
236 27.1 20.7 31.1



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: 42.819 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

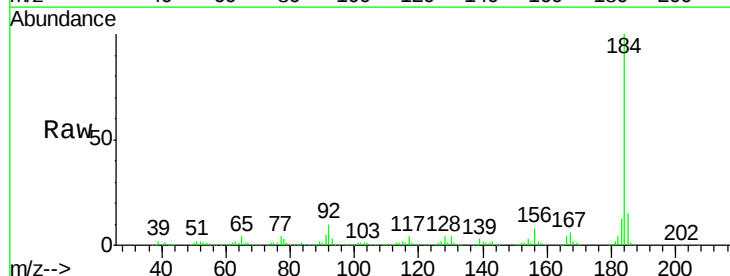
Tgt Ion:184 Resp: 901610

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

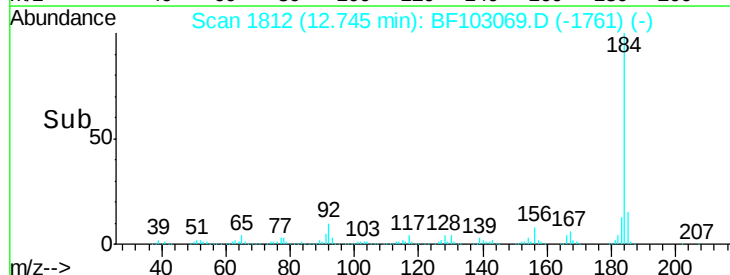
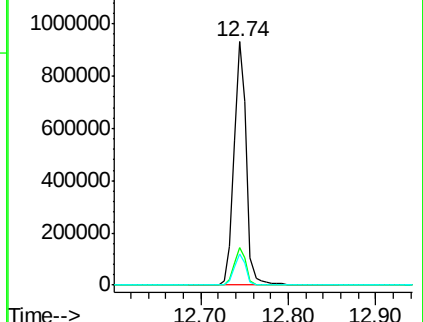
183 12.7 9.3 13.9

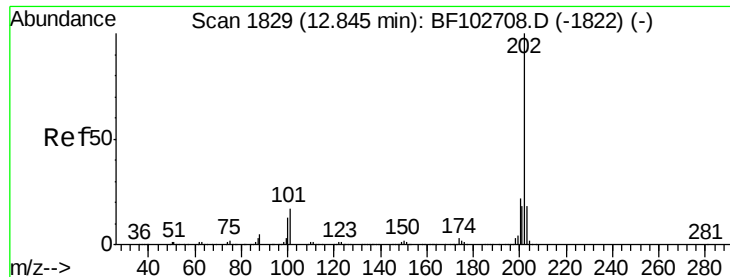


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

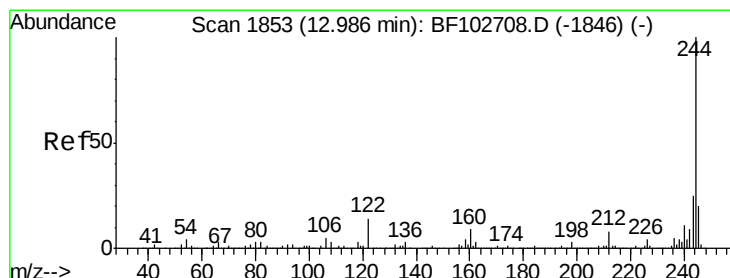
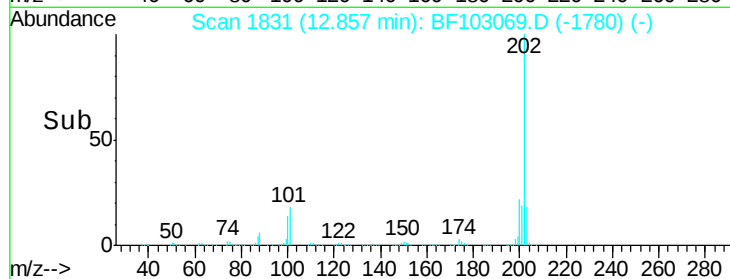
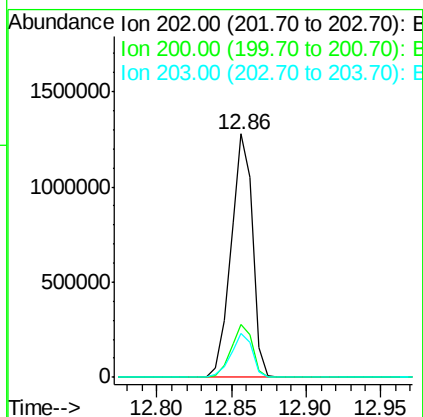
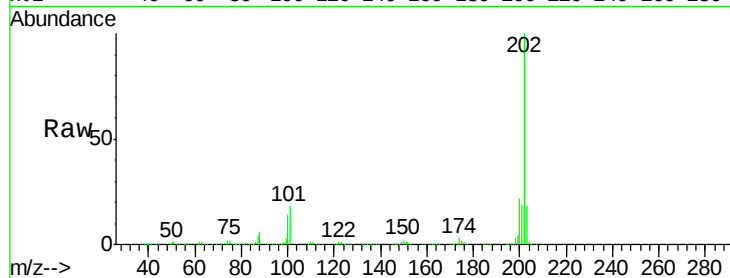




#77
Pvrene
Concen: 36.139 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

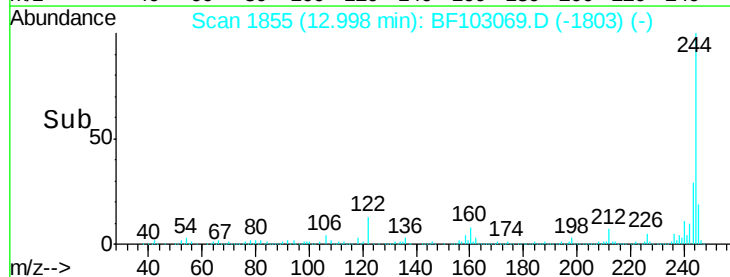
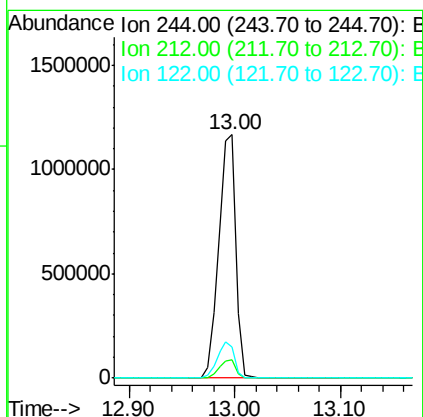
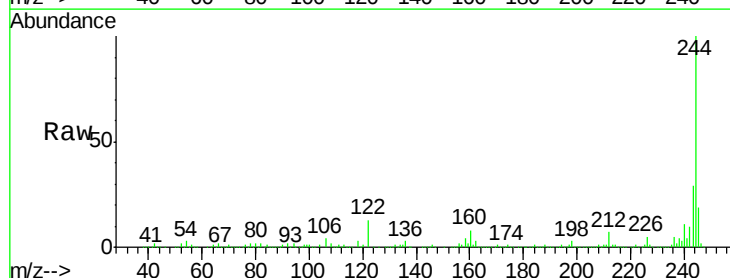
Instrument :
BNA_F
ClientSampleId :

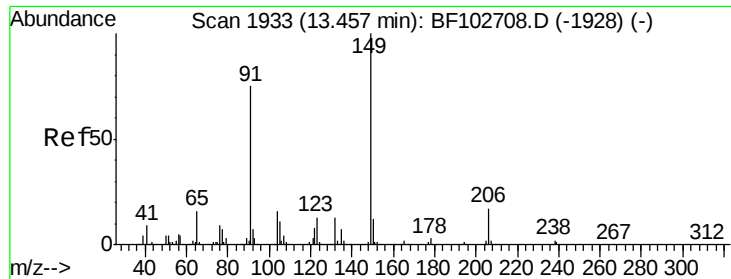
Tot Ion:202 Resp: 1298317
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 69.115 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion:244 Resp: 1337319
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 13.0 11.0 16.4

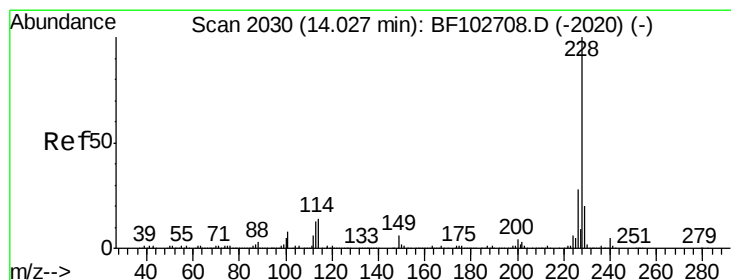
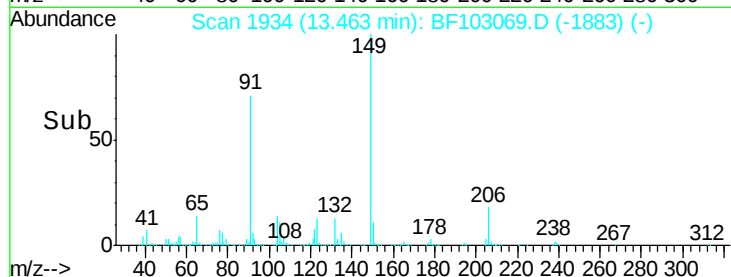
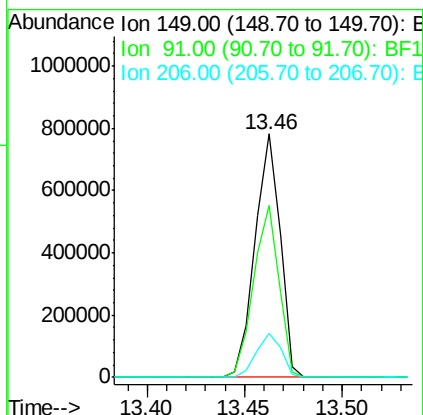
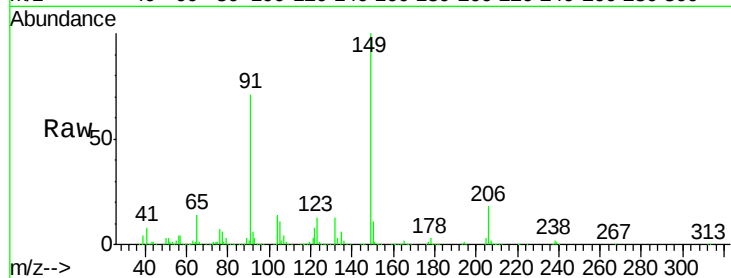




#79
Butylbenzylphthalate
Concen: 40.807 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

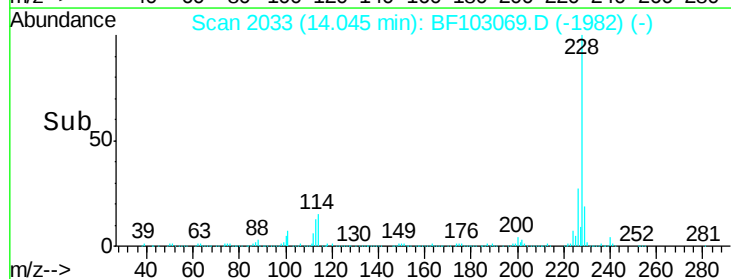
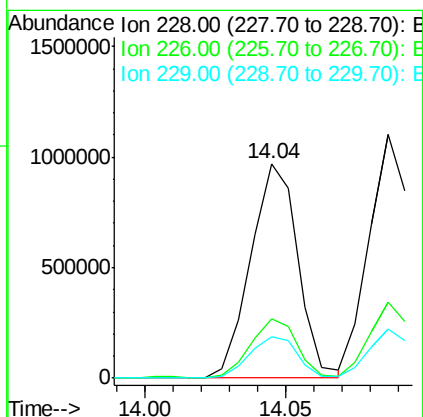
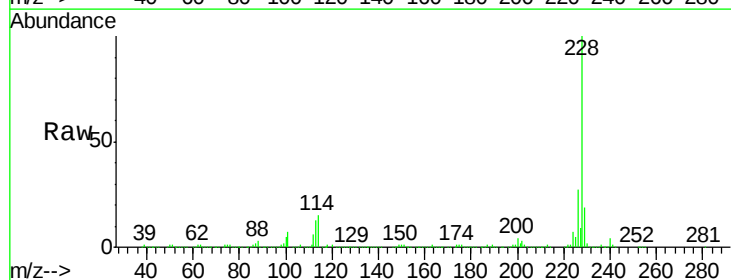
Instrument :
BNA_F
ClientSampled :

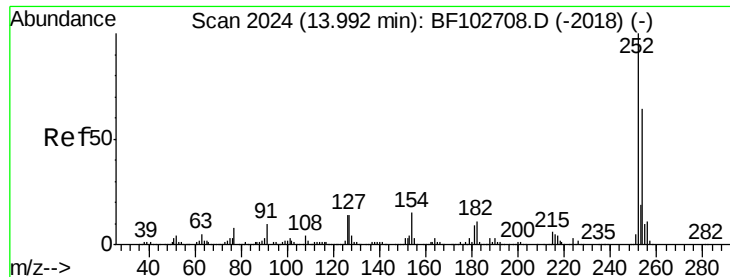
Tot Ion:149 Resp: 698561
Ion Ratio Lower Upper
149 100
91 70.8 56.8 85.2
206 18.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.052 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion:228 Resp: 1125214
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.799 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampled :

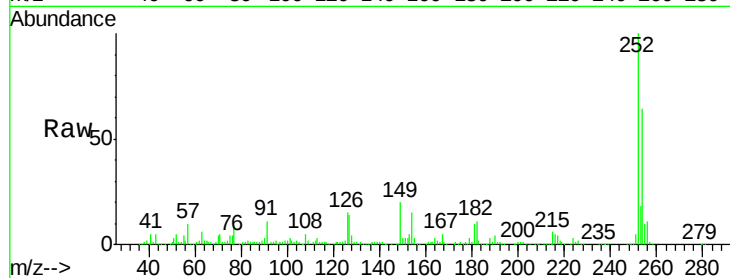
Tot Ion:252 Resp: 414502

Ion Ratio Lower Upper

252 100

254 63.7 50.4 75.6

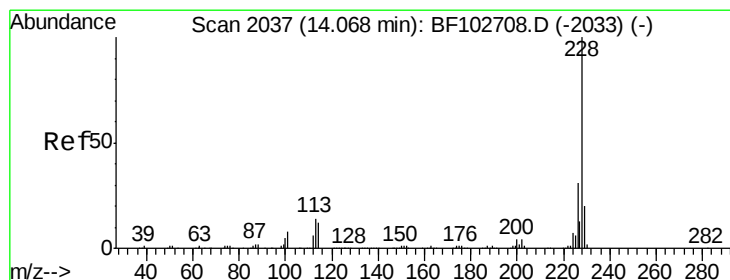
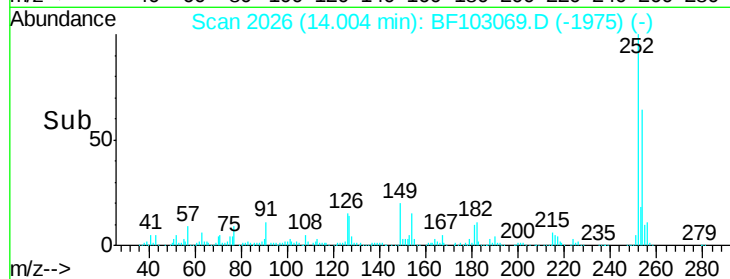
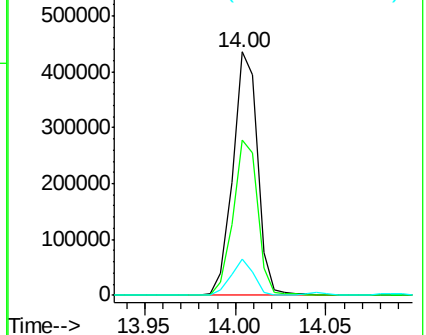
126 14.7 11.3 16.9



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: 36.654 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

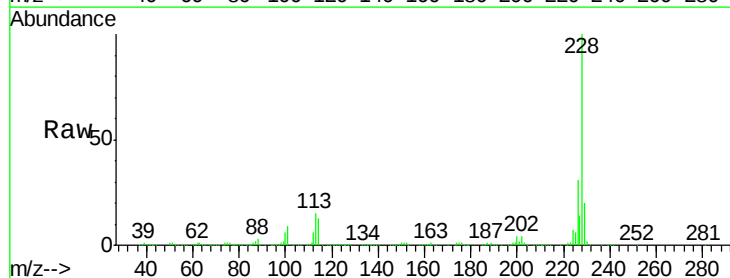
Tgt Ion:228 Resp: 1064615

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

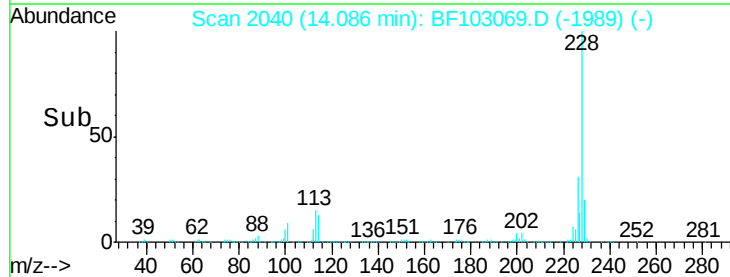
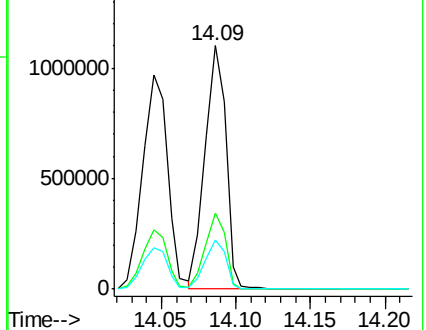
229 20.3 16.2 24.4

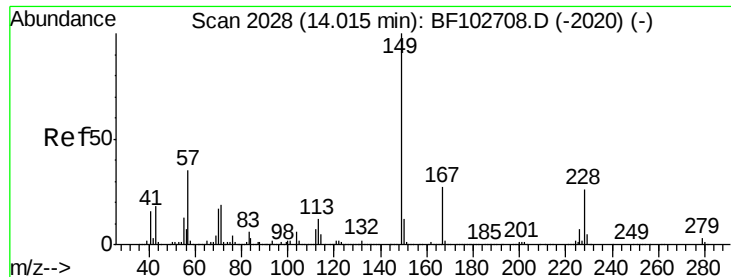


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

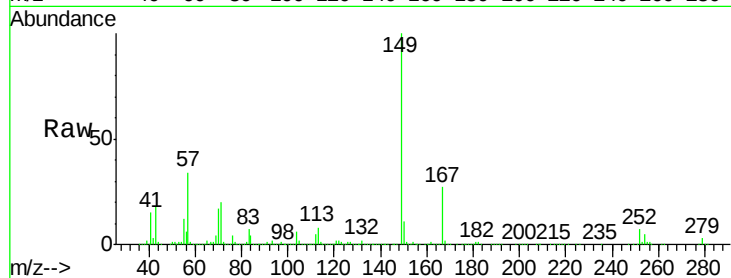




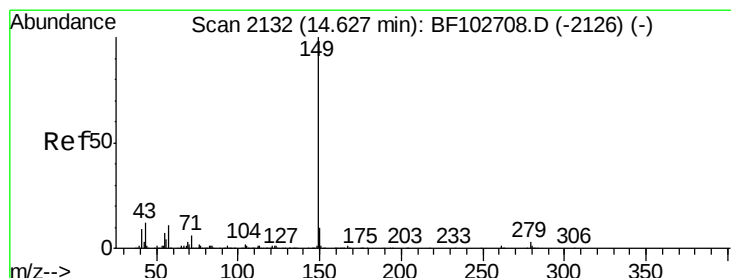
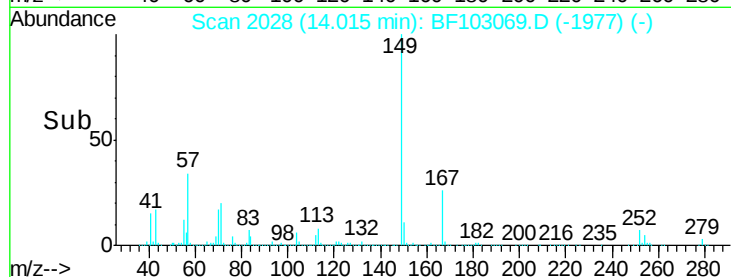
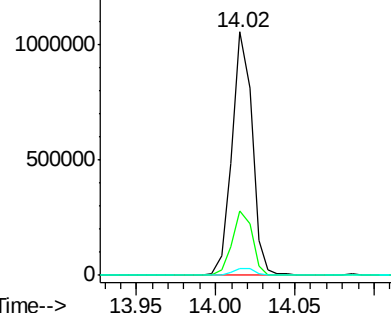
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.225 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Instrument :
BNA_F
Client Sampled :

Tot Ion:149 Resp: 929282
Ion Ratio Lower Upper
149 100
167 26.5 21.3 31.9
279 3.0 3.0 4.4

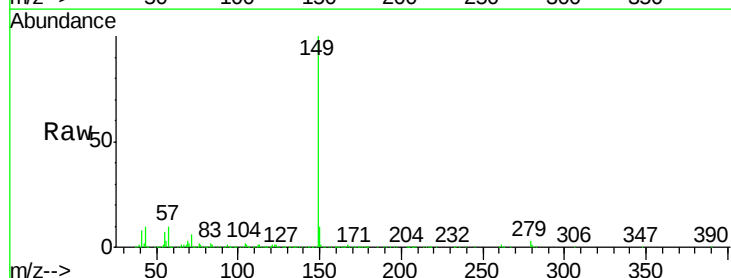


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

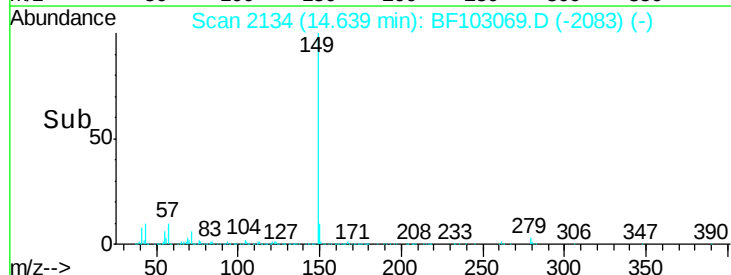
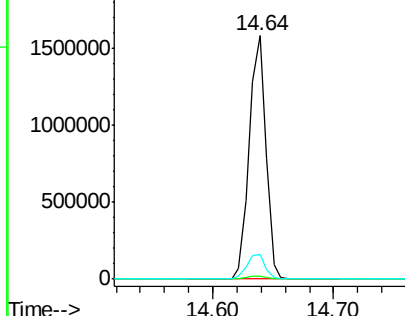


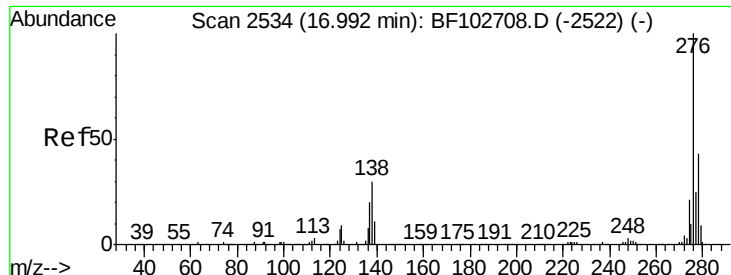
#84
Di-n-octyl phthalate
Concen: 46.670 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion:149 Resp: 1542234
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 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

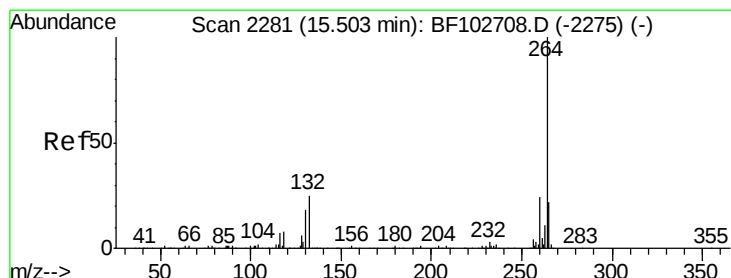
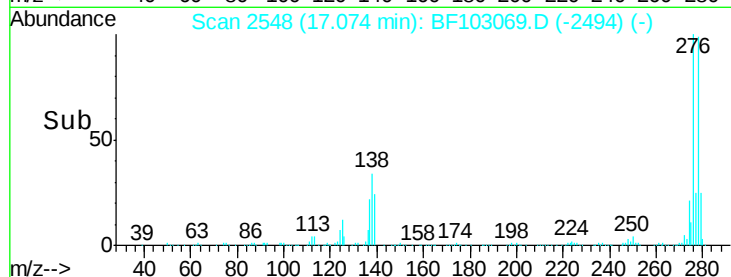
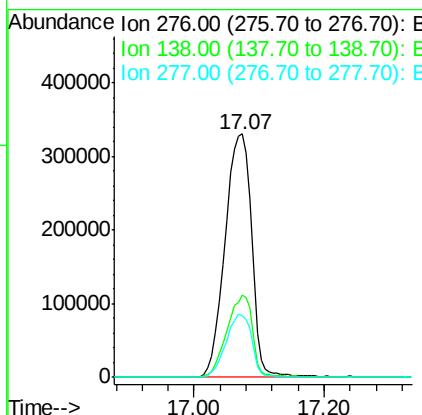
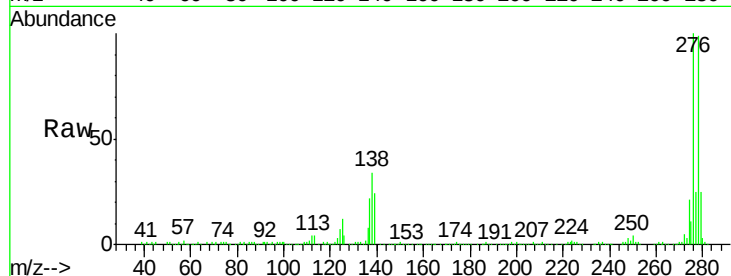




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.073 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

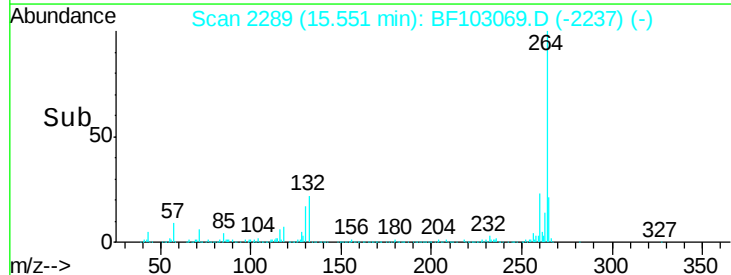
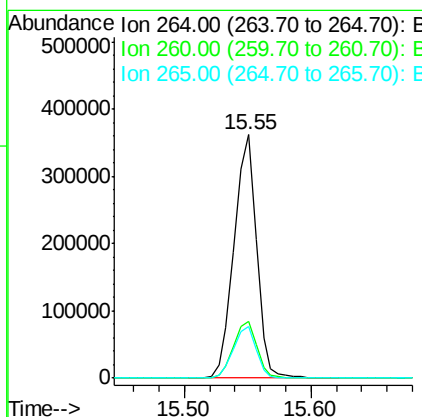
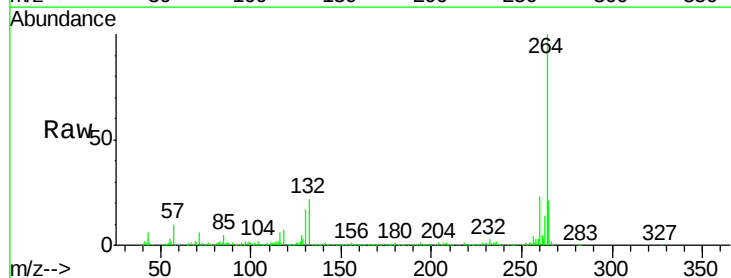
Instrument :
BNA_F
ClientSampled :

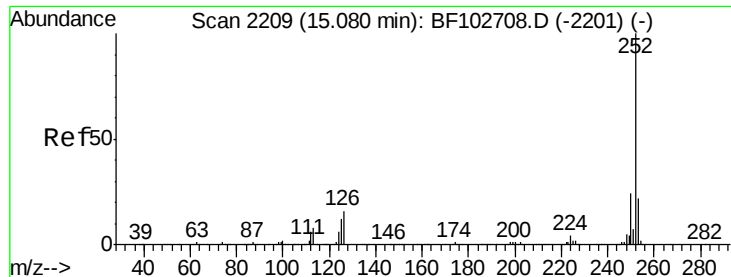
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.0	37.6
277	25.3	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	17.5	26.3

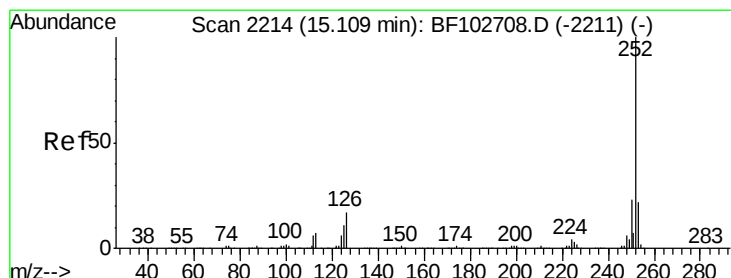
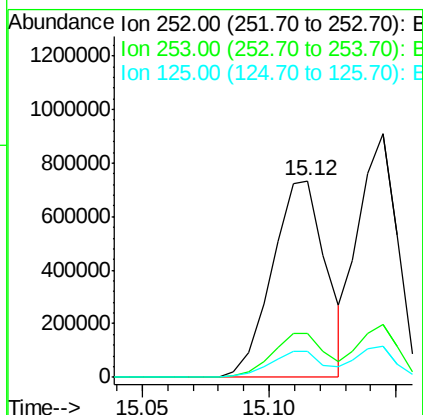
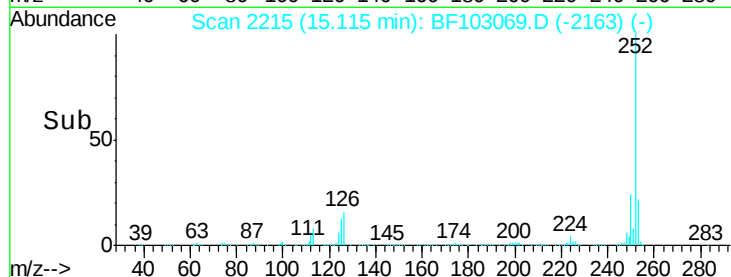
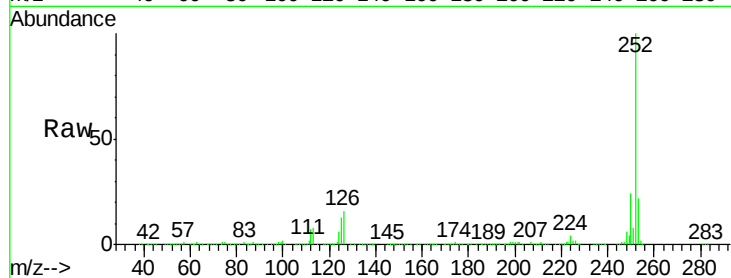




#87
Benzo(b)fluoranthene
Concen: 37.778 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

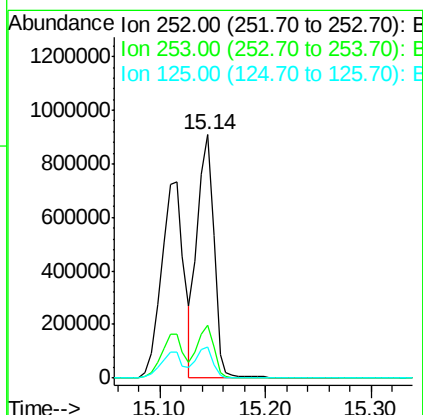
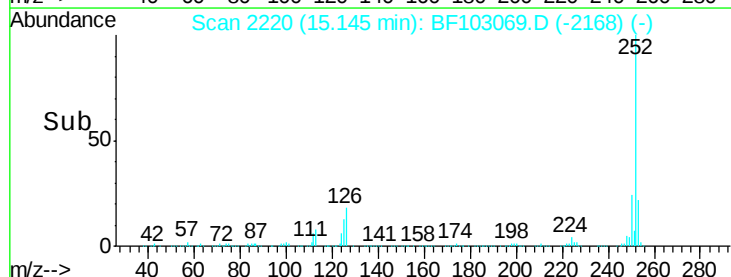
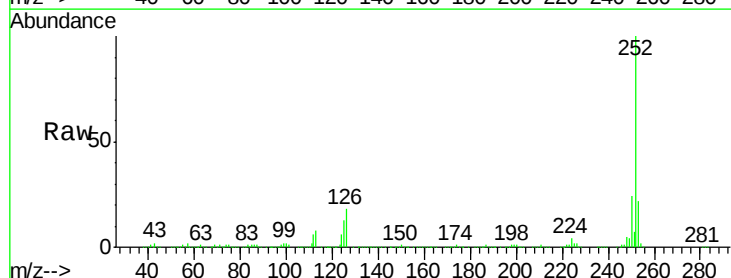
Instrument :
BNA_F
ClientSampleId :

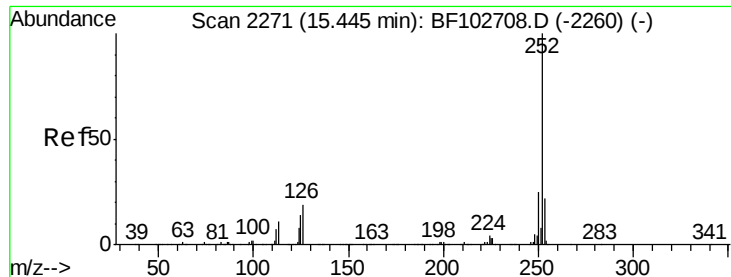
Tot Ion:252 Resp: 1084562
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 13.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.910 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF103069.D
Acq: 19 Feb 2018 9:22

Tgt Ion:252 Resp: 985046
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.264 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampled :

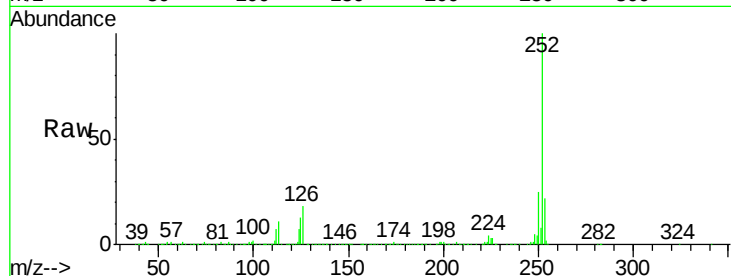
Tot Ion:252 Resp: 962961

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

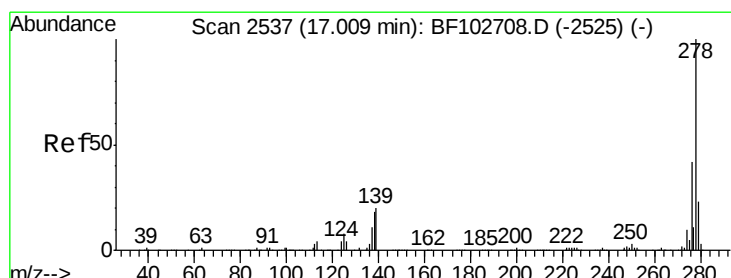
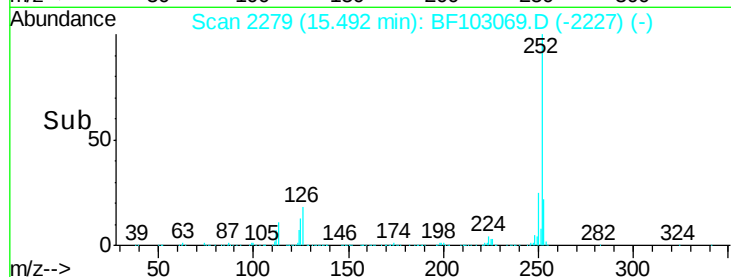
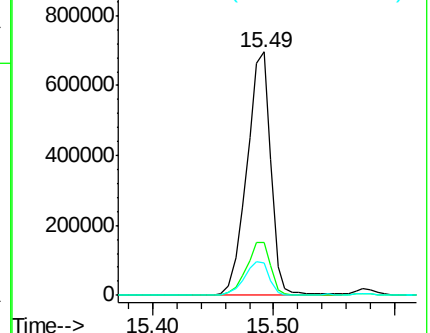
125 13.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.181 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

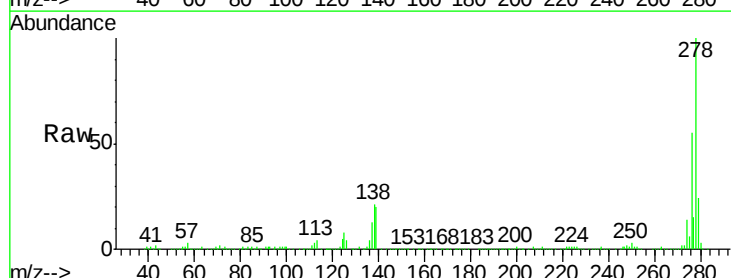
Tgt Ion:278 Resp: 779846

Ion Ratio Lower Upper

278 100

139 19.6 15.9 23.9

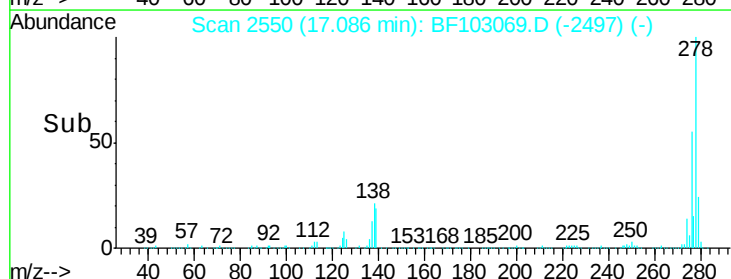
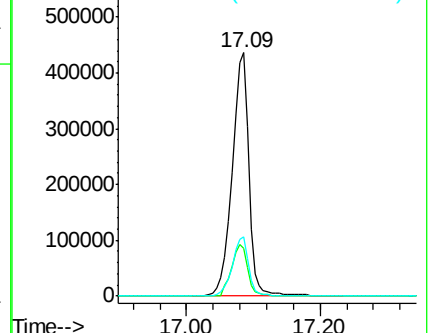
279 24.1 19.0 28.4

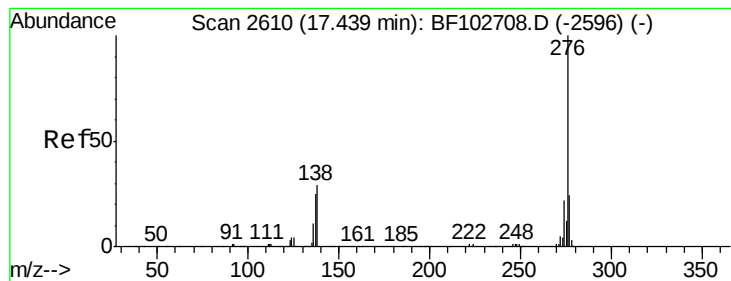


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.052 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.01 min

Lab File: BF103069.D

Acq: 19 Feb 2018 9:22

Instrument :

BNA_F

ClientSampleId :

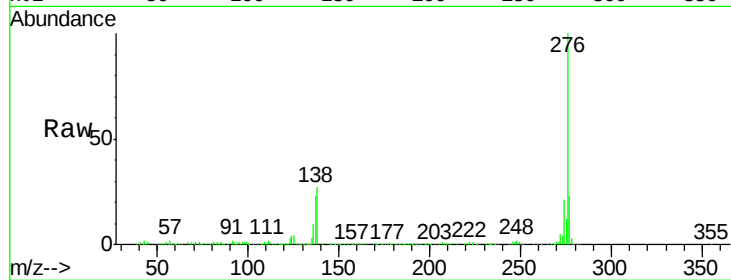
Tot Ion: 276 Resp: 781192

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 27.3 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

