

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032168.D
 Acq On : 20 Jan 2018 1:22
 Operator : SJ/JU
 Sample : J1202-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 20 05:48:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	42472	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	159230	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	103760	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	290944	20.00	ng	0.00
75) Chrysene-d12	22.45	240	422787	20.00	ng	0.00
86) Perylene-d12	26.15	264	424228	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.17	112	238363	102.64	ng	0.00
7) Phenol-d6	7.85	99	255337	87.30	ng	0.00
23) Nitrobenzene-d5	9.94	82	203905	86.64	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	228672	133.18	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	667873	79.81	ng	0.00
78) Terphenyl-d14	20.65	244	1552963	81.10	ng	0.00

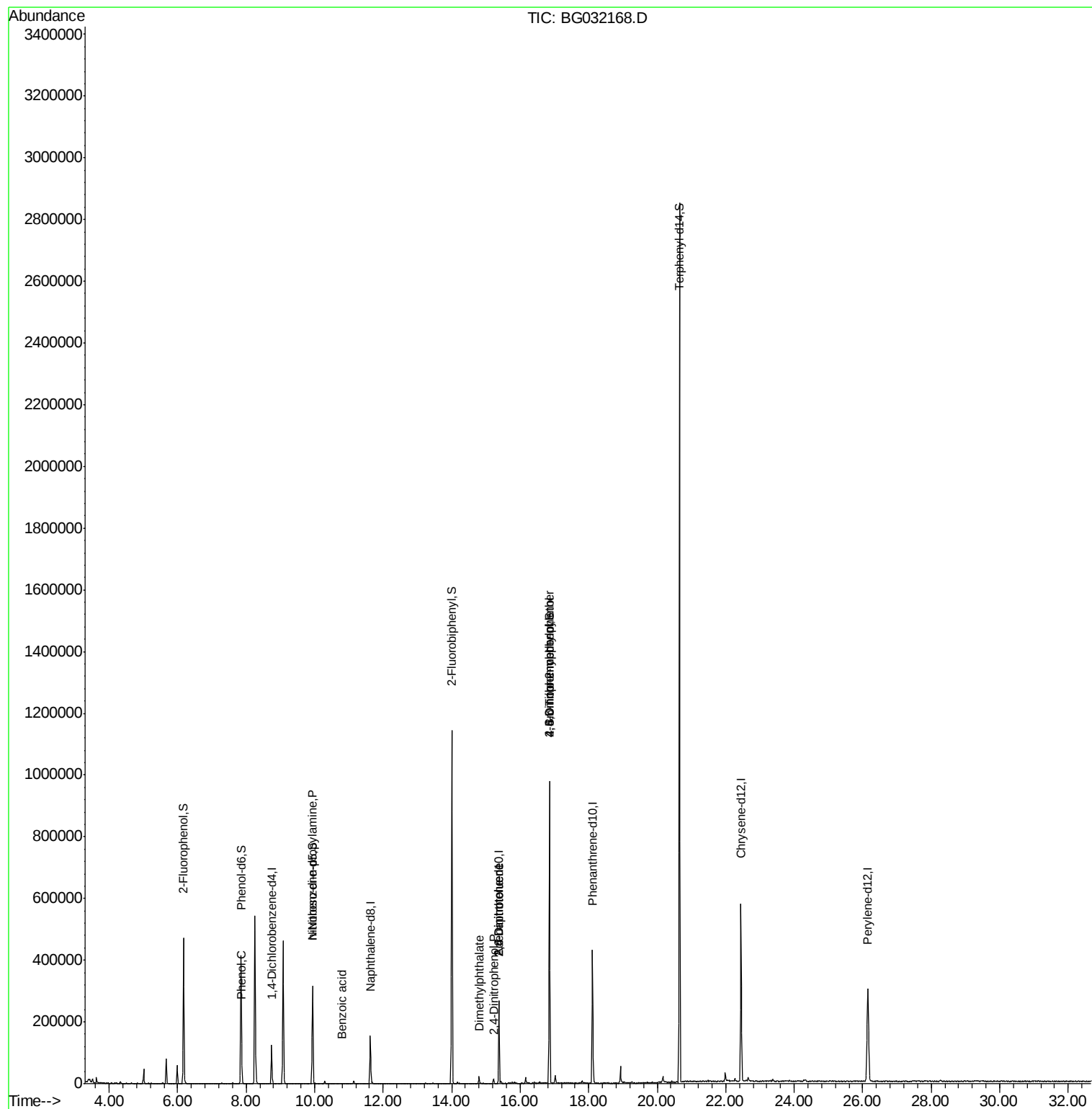
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.87	94	6508	2.259	ng	# 70
19) n-Nitroso-di-n-propylamine	9.94	70	27925	15.389	ng	# 71
32) Benzoic acid	10.80	122	63	5.288	ng	# 1
49) Dimethylphthalate	14.80	163	18449	2.032	ng	# 97
50) 2,6-Dinitrotoluene	15.38	165	13631	7.233	ng	# 20
53) 2,4-Dinitrophenol	15.22	184	85	7.046	ng	# 1
56) 2,4-Dinitrotoluene	15.38	165	13631	5.372	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.86	198	547	5.148	ng	# 65
66) 4-Bromophenyl-phenylether	16.86	248	19060	4.604	ng	# 1

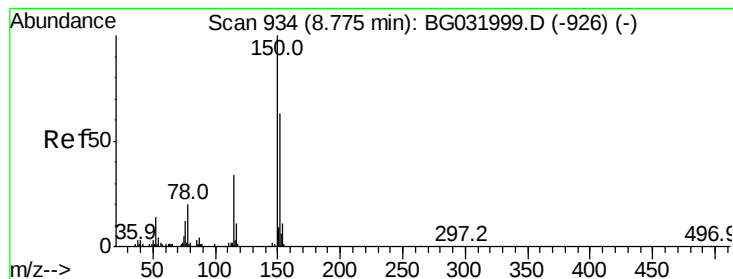
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

Instrument :

BNA_G

ClientSampleId :

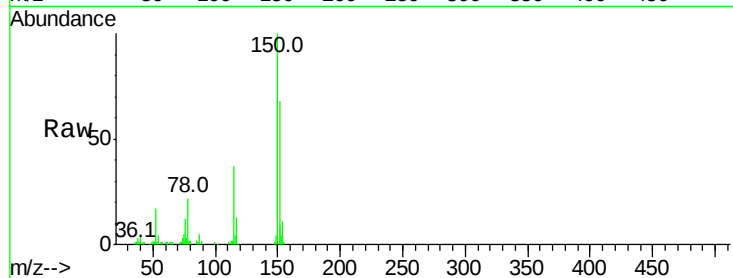
Tot Ion:152 Resp: 42472

Ion Ratio Lower Upper

152 100

150 147.3 126.6 189.8

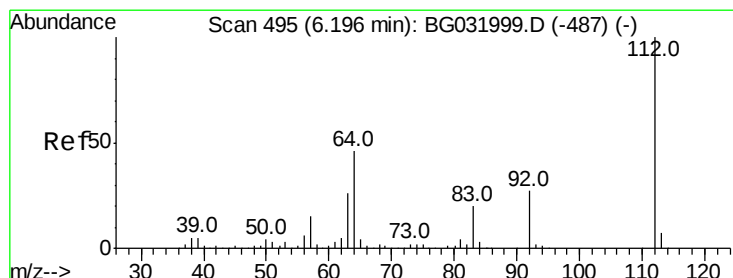
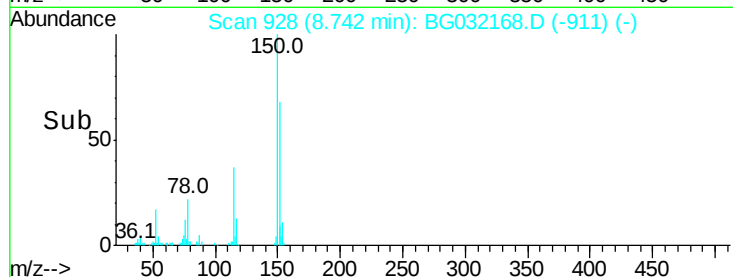
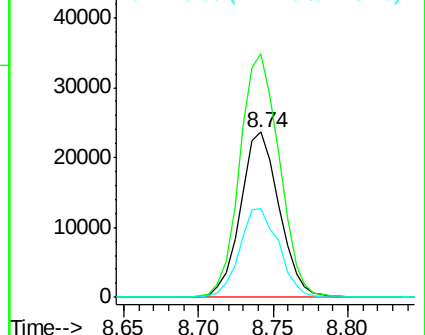
115 53.9 53.0 79.4



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



#5

2-Fluorophenol

Concen: 102.644 ng

RT: 6.17 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

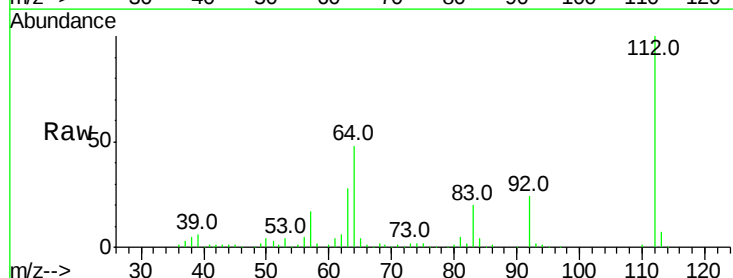
Tgt Ion:112 Resp: 238363

Ion Ratio Lower Upper

112 100

64 48.1 56.3 84.5#

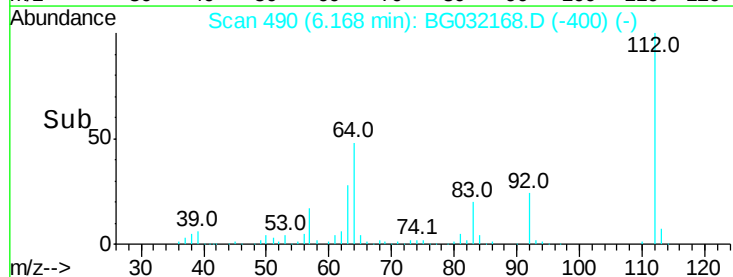
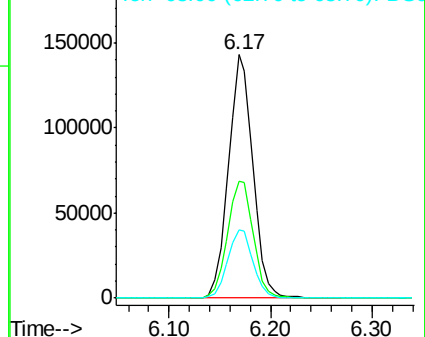
63 28.2 30.1 45.1#

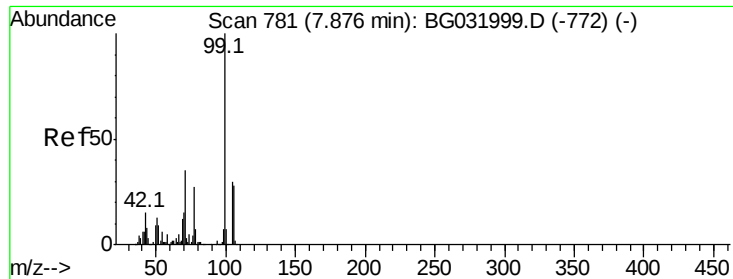


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 87.304 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

Instrument :

BNA_G

ClientSampleId :

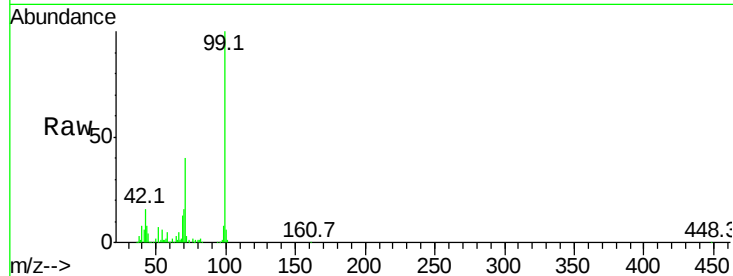
Tot Ion: 99 Resp: 255337

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

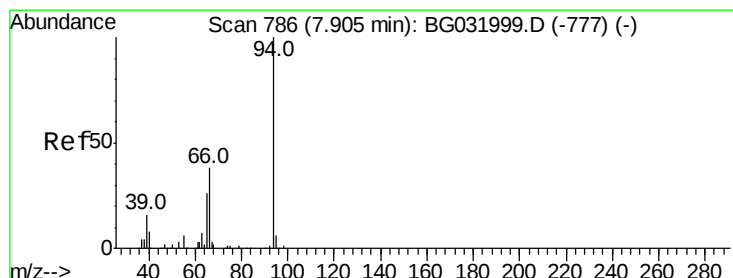
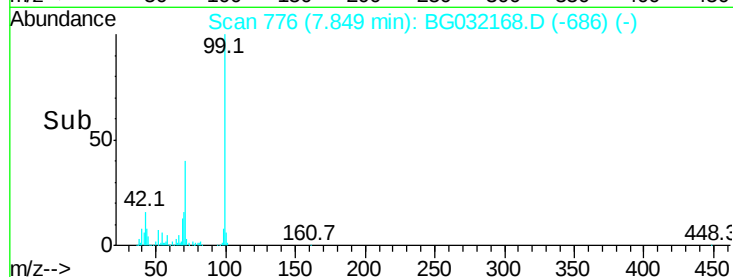
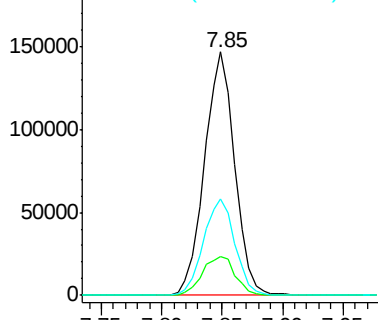
71 39.6 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.259 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

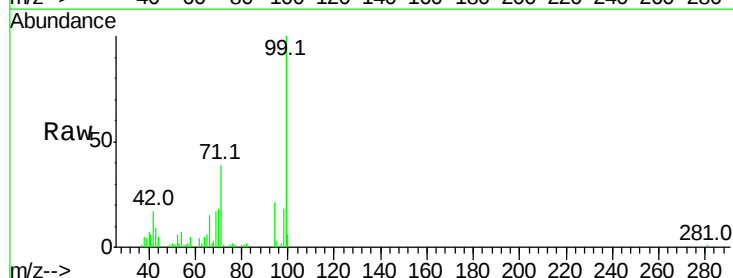
Tgt Ion: 94 Resp: 6508

Ion Ratio Lower Upper

94 100

65 25.9 11.9 51.9

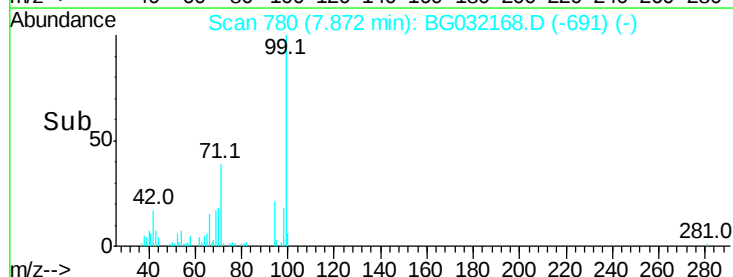
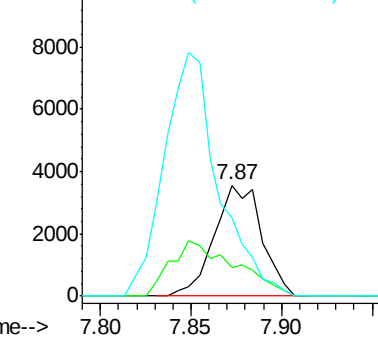
66 70.2 22.2 62.2#

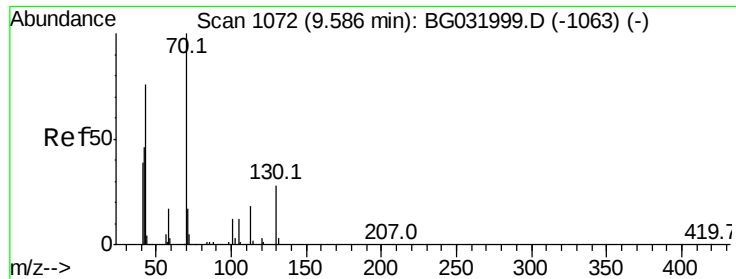


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

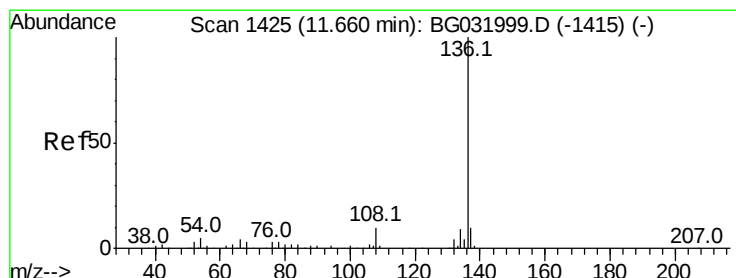
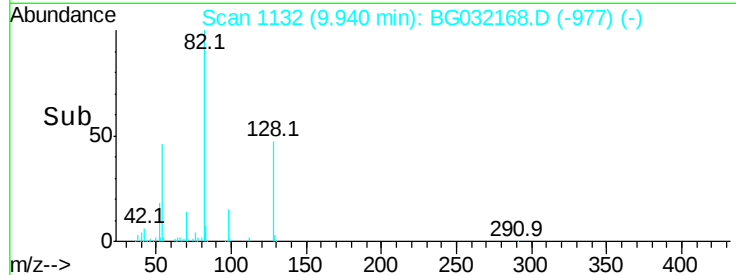
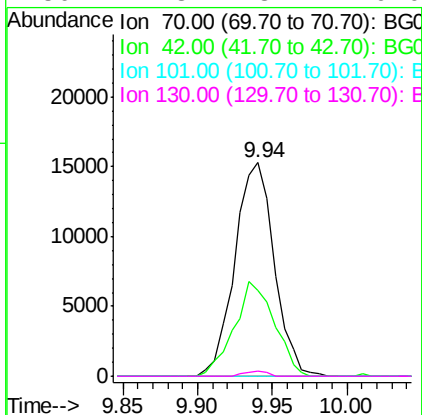
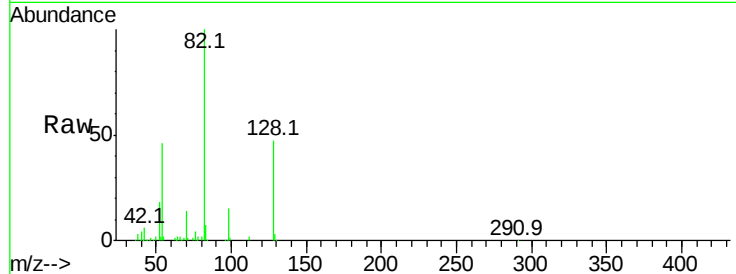




#19
n-Nitroso-di-n-propylamine
Concen: 15.389 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

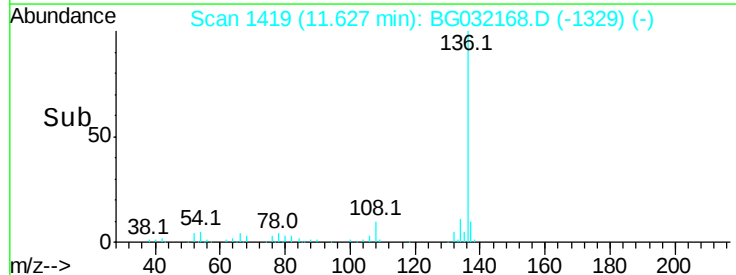
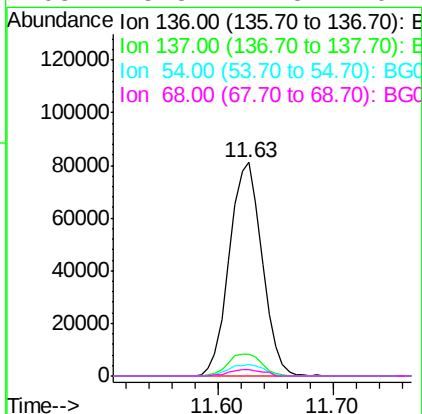
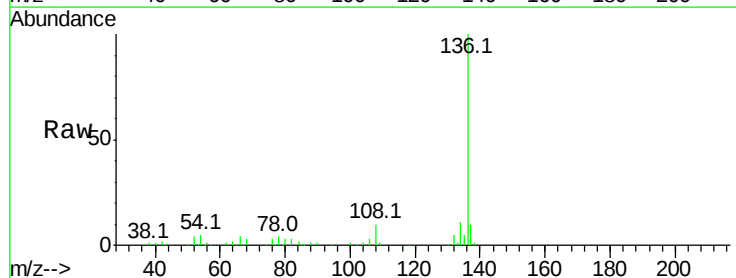
Instrument :
BNA_G
ClientSampleId :

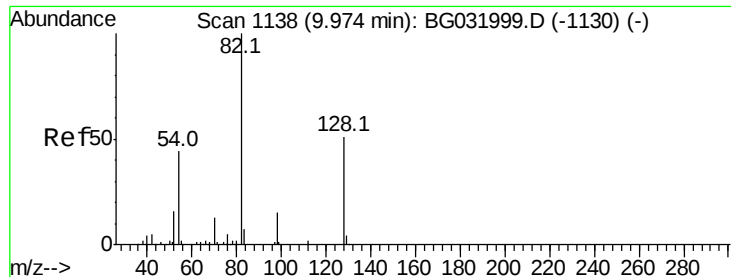
Tot Ion: 70 Resp: 27925
Ion Ratio Lower Upper
70 100
42 40.4 49.1 73.7#
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

Tgt Ion: 136 Resp: 159230
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 5.3 10.3 15.5#
68 3.3 4.5 6.7#

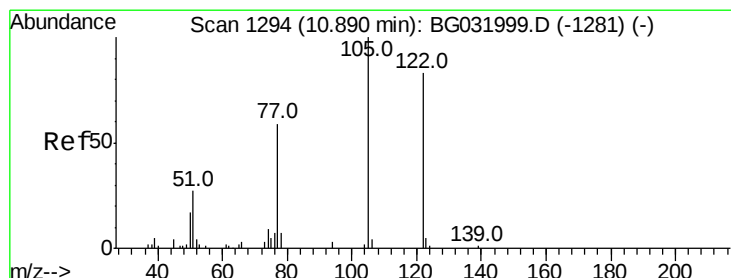
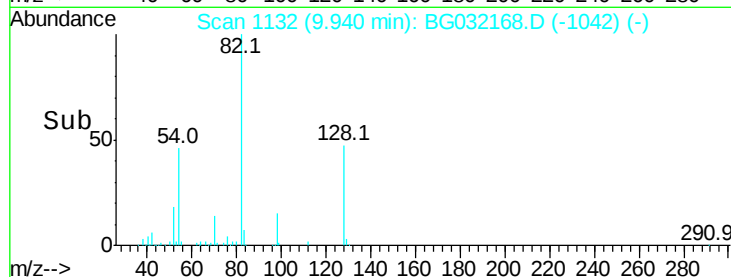
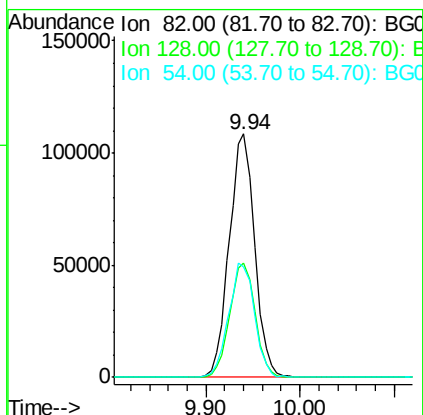
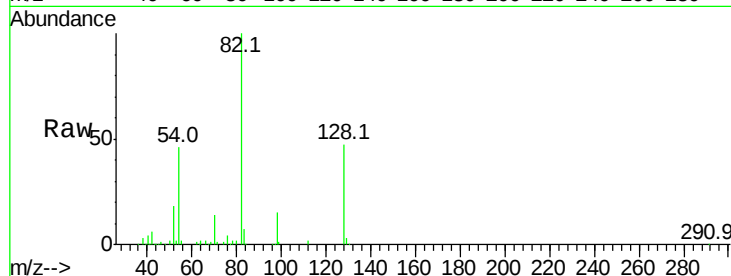




#23
 Nitrobenzene-d5
 Concen: 86.636 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG032168.D
 Acq: 20 Jan 2018 1:22

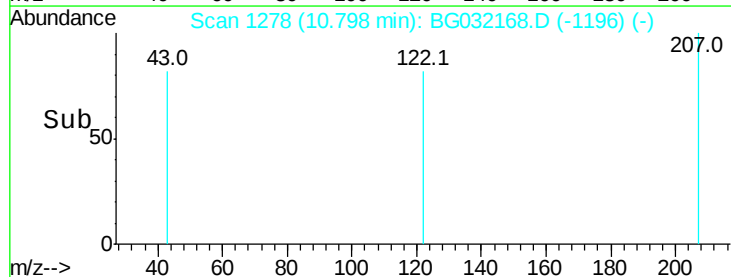
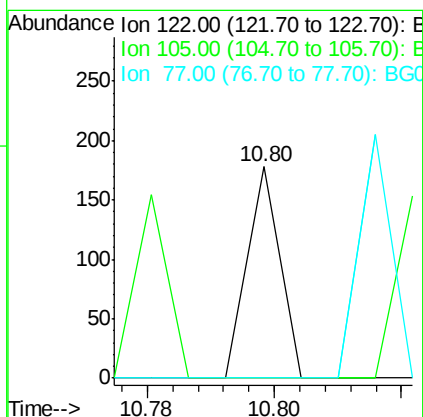
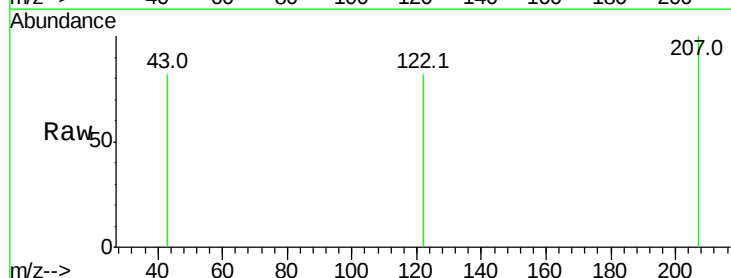
Instrument :
 BNA_G
 ClientSampled :

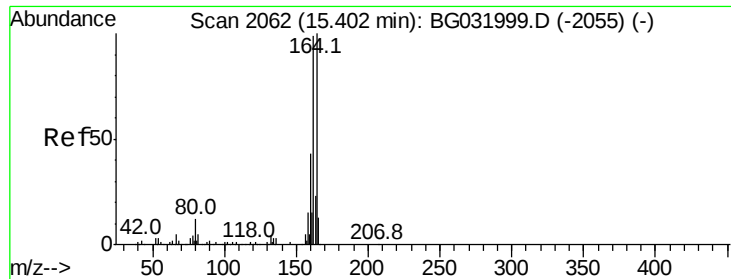
Tot Ion: 82 Resp: 203905
 Ion Ratio Lower Upper
 82 100
 128 46.7 29.7 44.5#
 54 45.5 43.1 64.7



#32
 Benzoic acid
 Concen: 5.288 ng
 RT: 10.80 min Scan# 1278
 Delta R.T. -0.05 min
 Lab File: BG032168.D
 Acq: 20 Jan 2018 1:22

Tgt Ion: 122 Resp: 63
 Ion Ratio Lower Upper
 122 100
 105 0.0 123.5 163.5#
 77 0.0 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

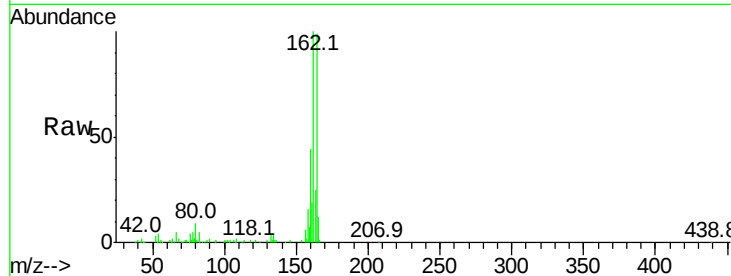
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 103760

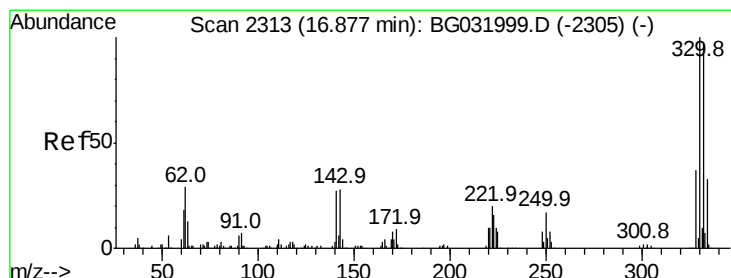
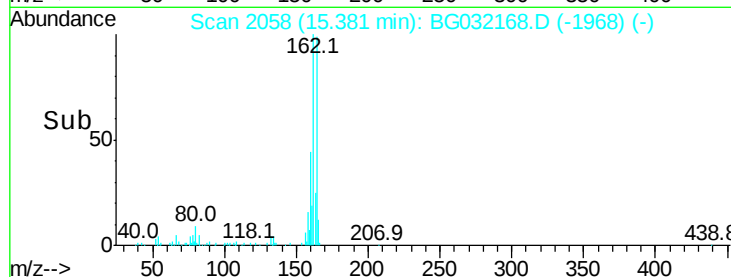
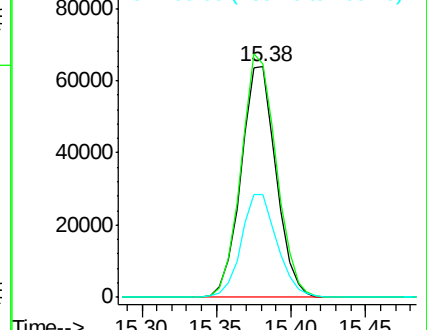
Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	44.5	35.4	53.0



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



#41

2,4,6-Tribromophenol

Concen: 133.182 ng

RT: 16.86 min Scan# 2309

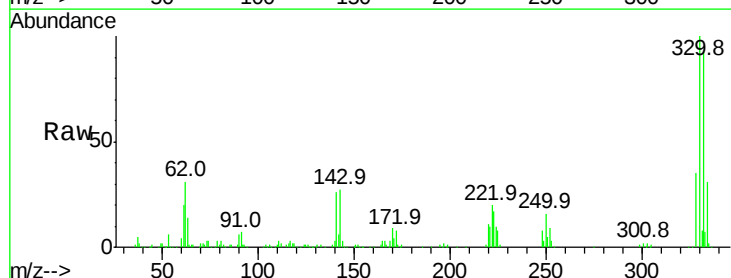
Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

Tgt Ion:330 Resp: 228672

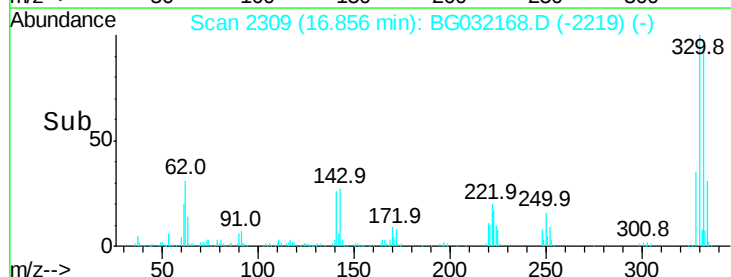
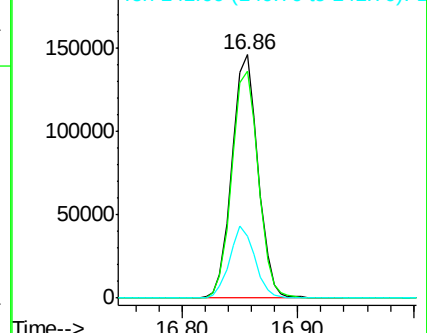
Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	28.7	25.2	37.8

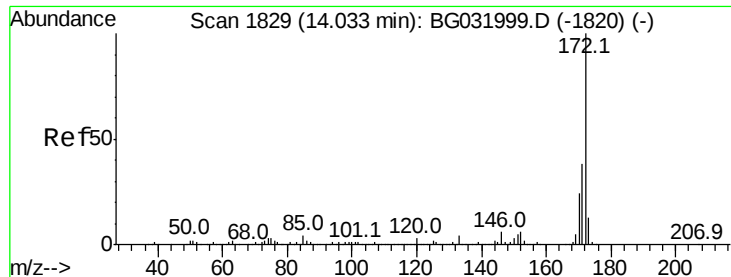


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

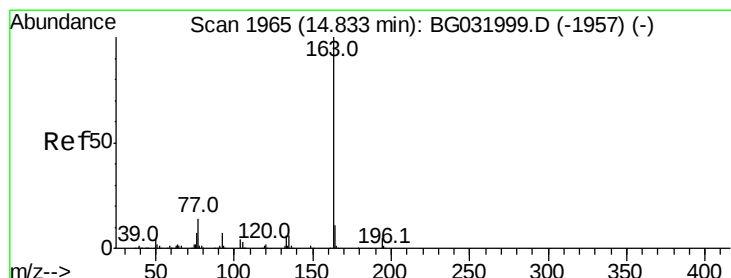
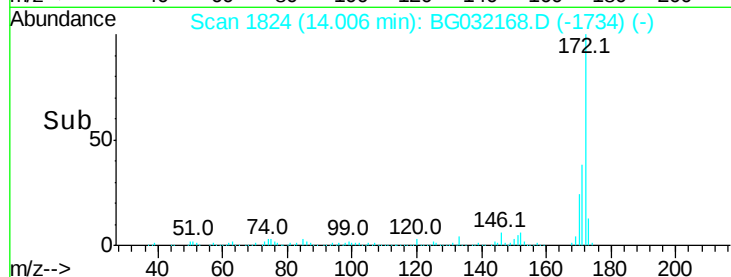
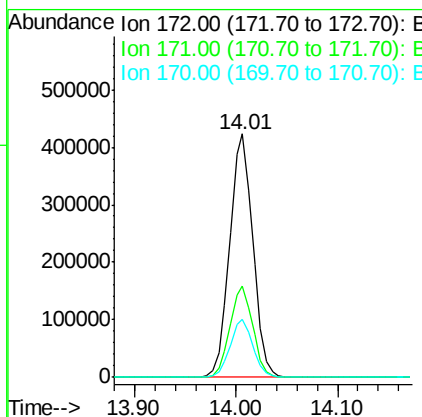
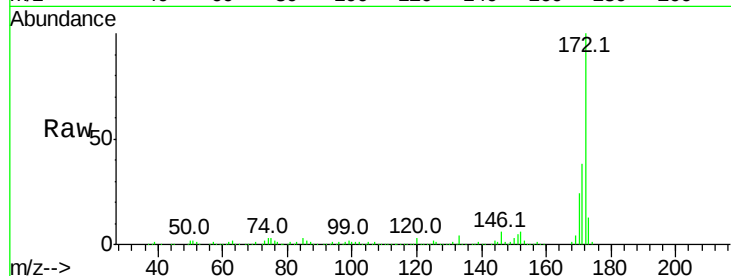




#44
2-Fluorobiphenyl
Concen: 79.812 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

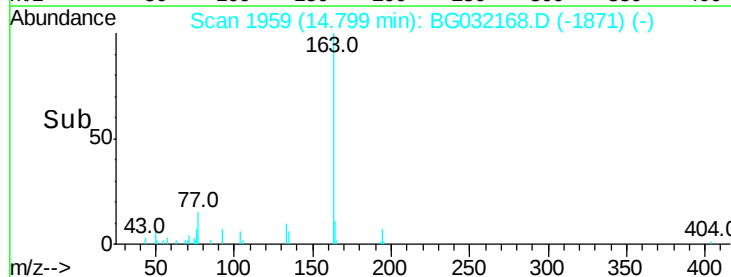
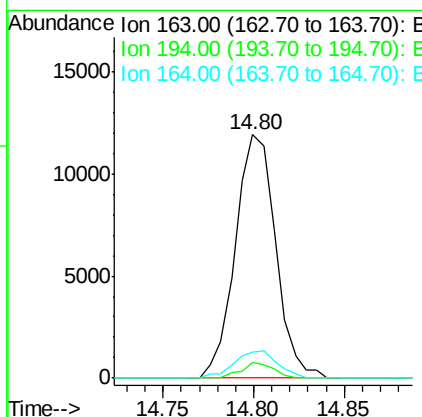
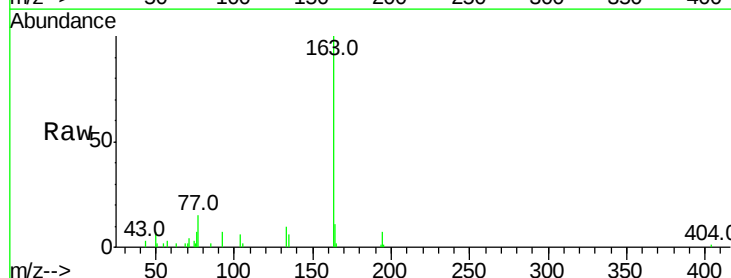
Instrument :
BNA_G
ClientSampled :

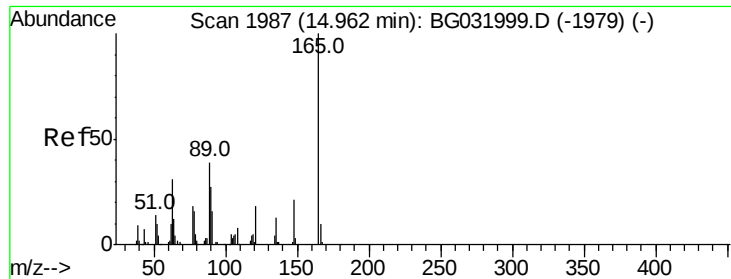
Tot Ion:172 Resp: 667873
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 23.8 19.5 29.3



#49
Dimethylphthalate
Concen: 2.032 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

Tgt Ion:163 Resp: 18449
Ion Ratio Lower Upper
163 100
194 6.5 3.4 5.2#
164 10.9 8.2 12.4

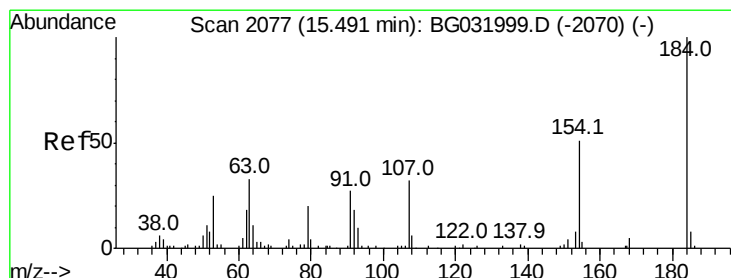
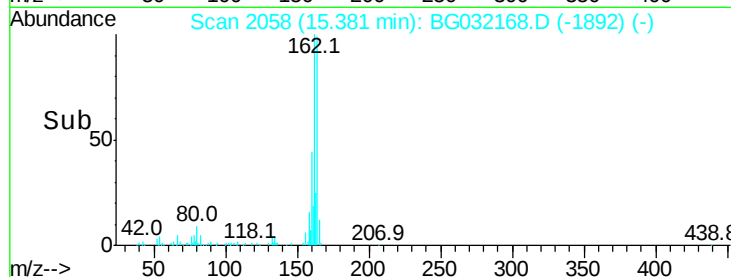
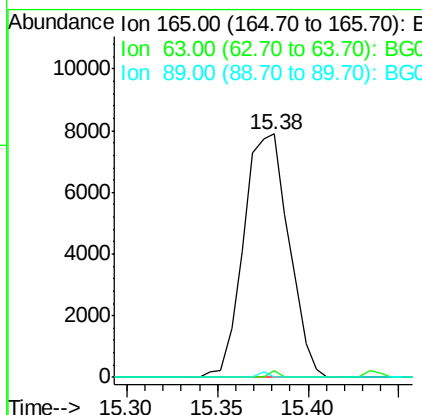
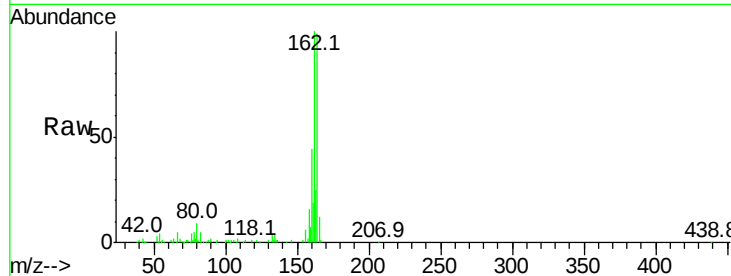




#50
2,6-Dinitrotoluene
Concen: 7.233 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.45 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

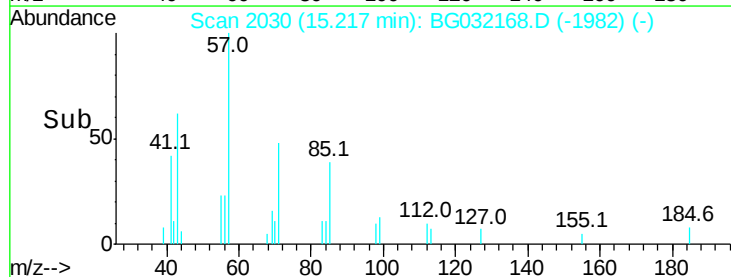
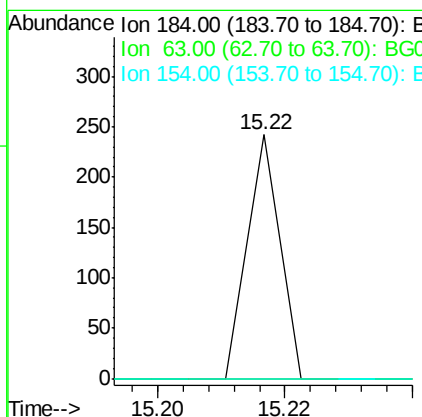
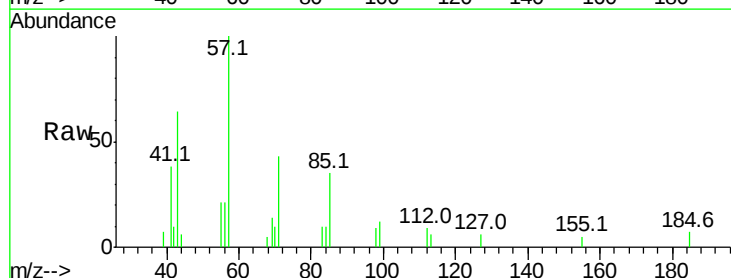
Instrument :
BNA_G
ClientSampleId :

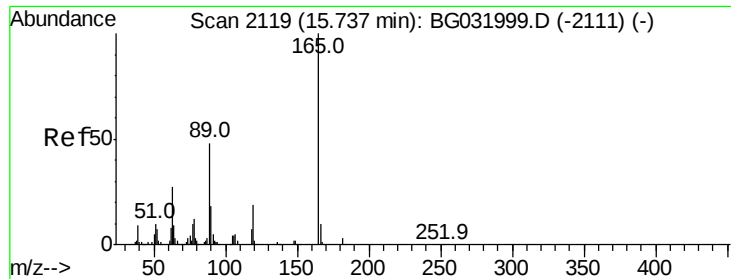
Tot Ion:165 Resp: 13631
Ion Ratio Lower Upper
165 100
63 2.8 52.7 79.1#
89 0.0 49.2 73.8#



#53
2,4-Dinitrophenol
Concen: 7.046 ng
RT: 15.22 min Scan# 2030
Delta R.T. -0.25 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

Tgt Ion:184 Resp: 85
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

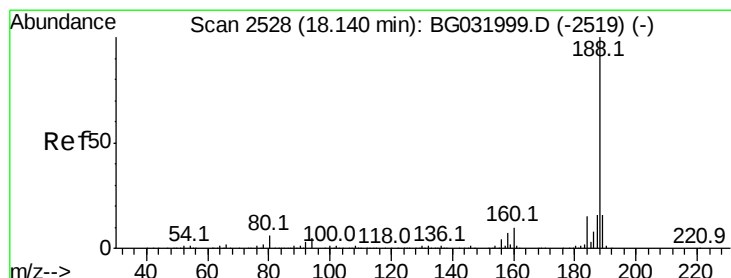
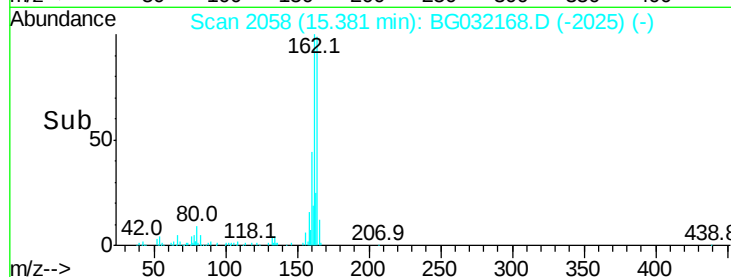
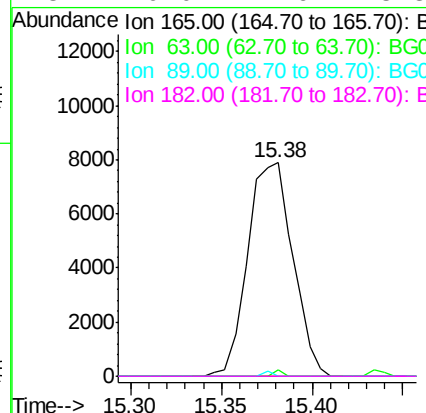
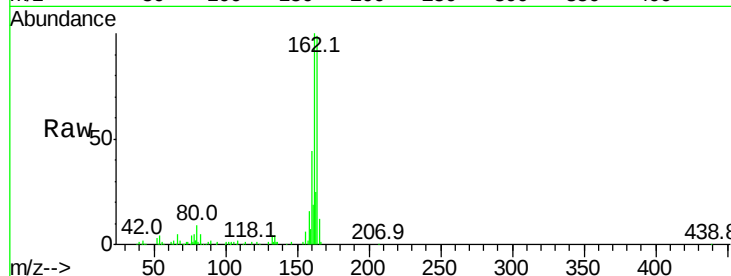




#56
 2,4-Dinitrotoluene
 Concen: 5.372 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.34 min
 Lab File: BG032168.D
 Acq: 20 Jan 2018 1:22

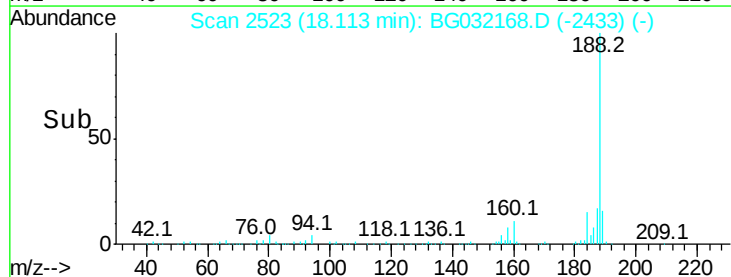
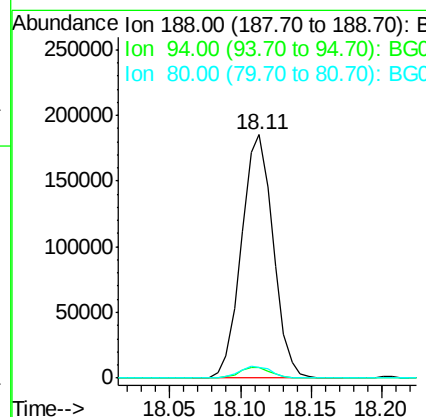
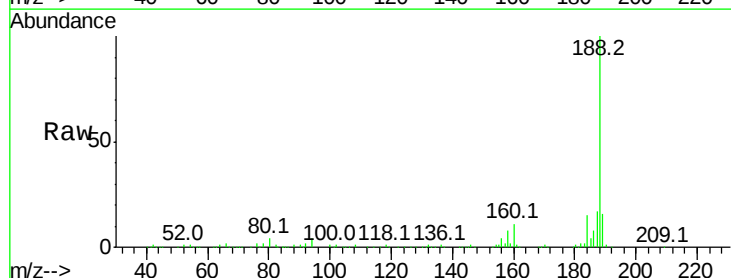
Instrument :
 BNA_G
 ClientSampleId :

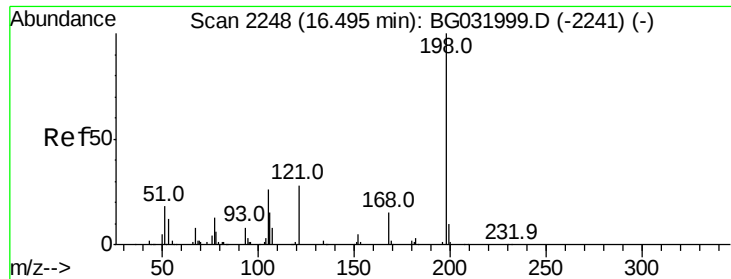
Tot Ion:165 Resp: 13631
 Ion Ratio Lower Upper
 165 100
 63 2.8 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG032168.D
 Acq: 20 Jan 2018 1:22

Tgt Ion:188 Resp: 290944
 Ion Ratio Lower Upper
 188 100
 94 4.4 6.9 10.3#
 80 4.4 7.7 11.5#

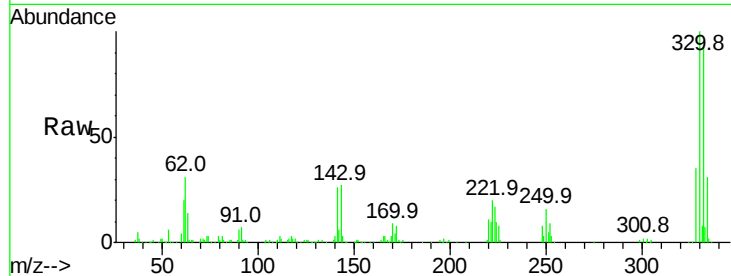




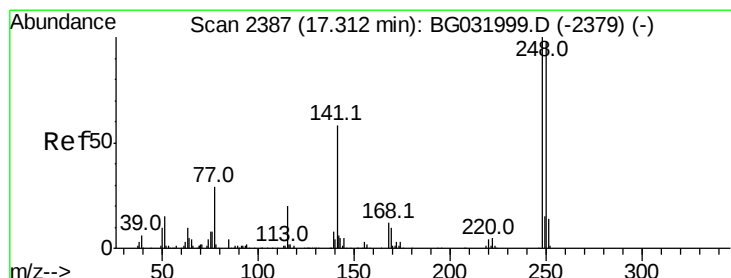
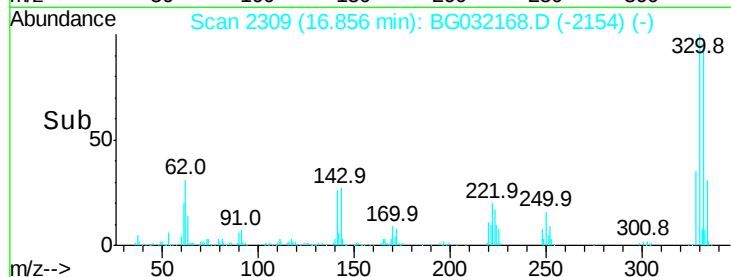
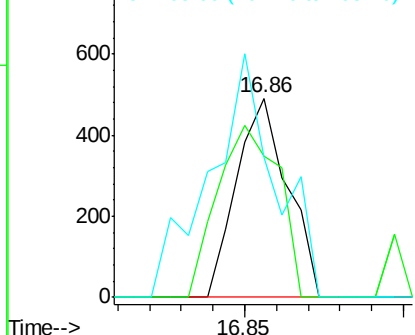
#64
4,6-Dinitro-2-methylphenol
Concen: 5.148 ng
RT: 16.86 min Scan# 2309
Delta R.T. 0.38 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 547
Ion Ratio Lower Upper
198 100
51 70.7 30.6 70.6#
105 70.3 23.8 63.8#

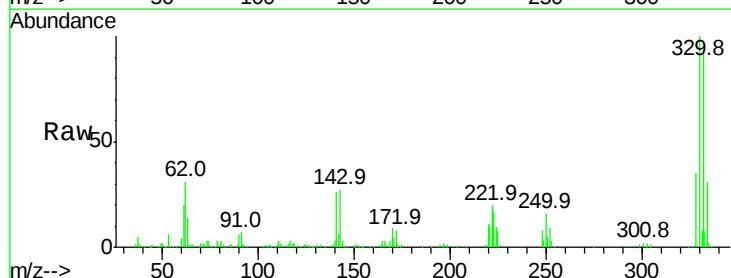


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

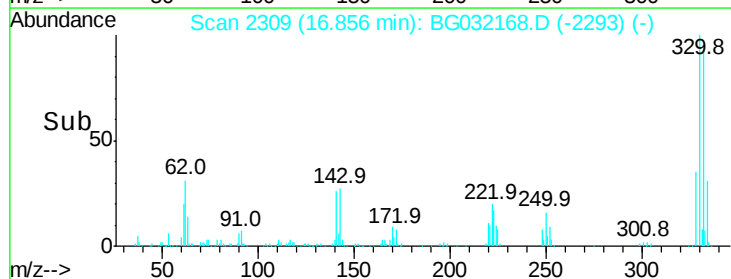
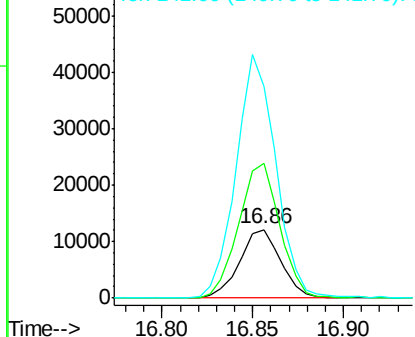


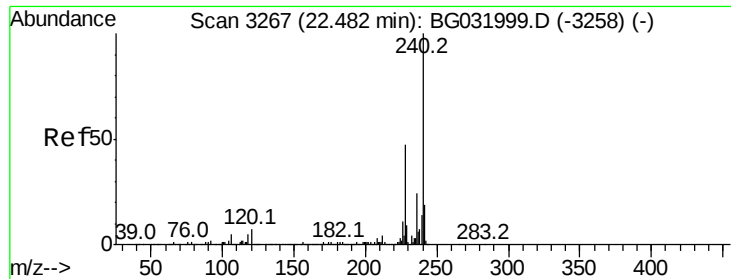
#66
4-Bromophenyl-phenylether
Concen: 4.604 ng
RT: 16.86 min Scan# 2309
Delta R.T. -0.44 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

Tgt Ion:248 Resp: 19060
Ion Ratio Lower Upper
248 100
250 196.9 77.1 115.7#
141 310.1 50.8 76.2#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

Instrument :

BNA_G

ClientSampleId :

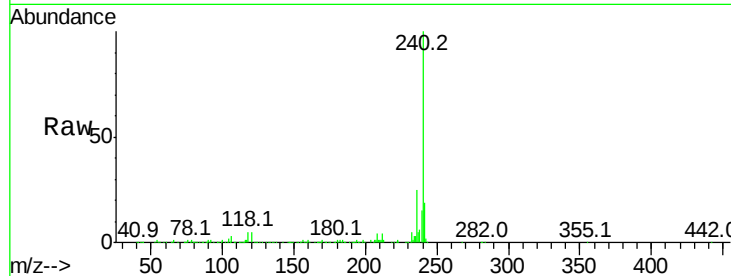
Tot Ion:240 Resp: 422787

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

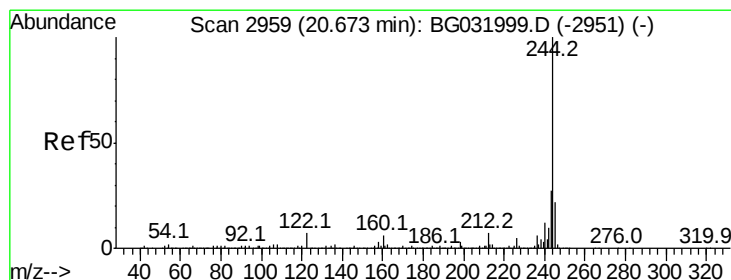
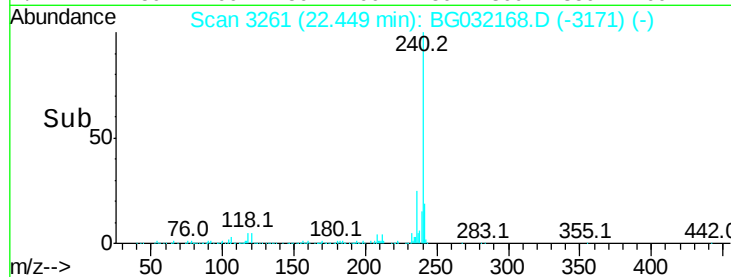
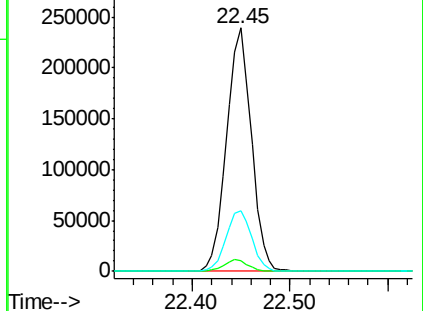
236 25.0 20.9 31.3



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



#78

Terphenyl-d14

Concen: 81.105 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

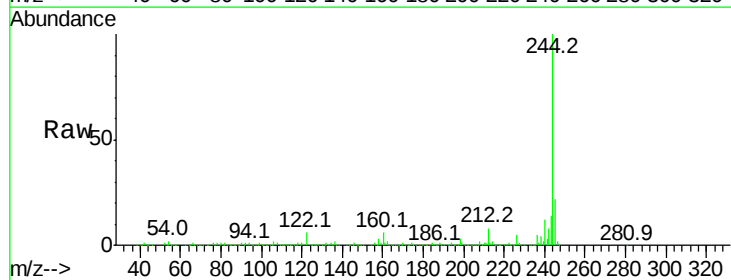
Tgt Ion:244 Resp: 1552963

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

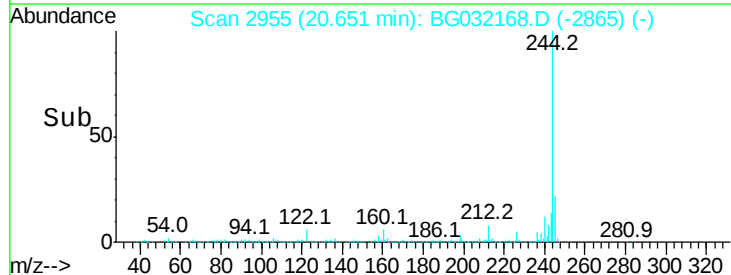
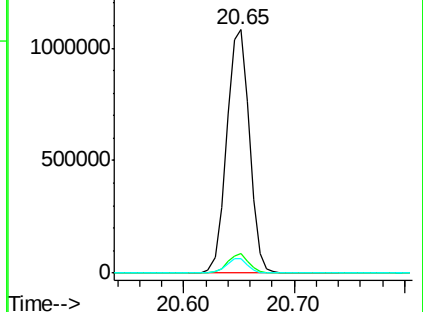
122 5.7 7.0 10.4#

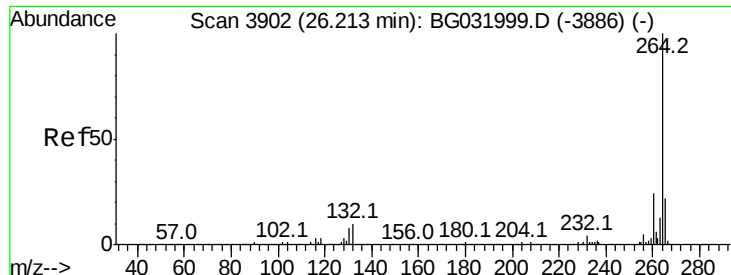


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

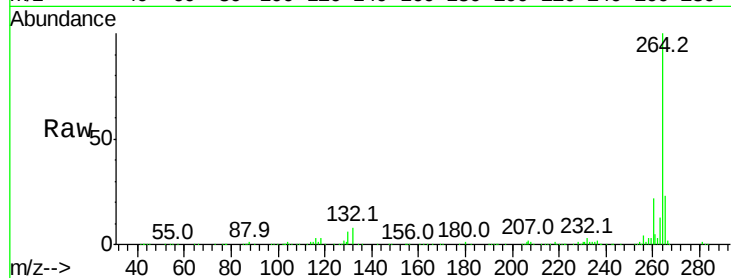




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.15 min Scan# 3891
 Delta R.T. -0.00 min
 Lab File: BG032168.D
 Acq: 20 Jan 2018 1:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	22.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

