

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032176.D
 Acq On : 20 Jan 2018 8:15
 Operator : SJ/JU
 Sample : J1023-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 21 23:59:47 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	8.75	152	46254	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	171884	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	111305	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	290965	20.00	ng	0.00
75) Chrysene-d12	22.44	240	416120	20.00	ng	0.00
86) Perylene-d12	26.15	264	435210	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.17	112	338454	133.83	ng	0.00
7) Phenol-d6	7.85	99	376178	118.10	ng	0.00
23) Nitrobenzene-d5	9.94	82	276002	108.64	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	294597	159.95	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	914070	101.83	ng	0.00
78) Terphenyl-d14	20.65	244	1852428	98.29	ng	0.00

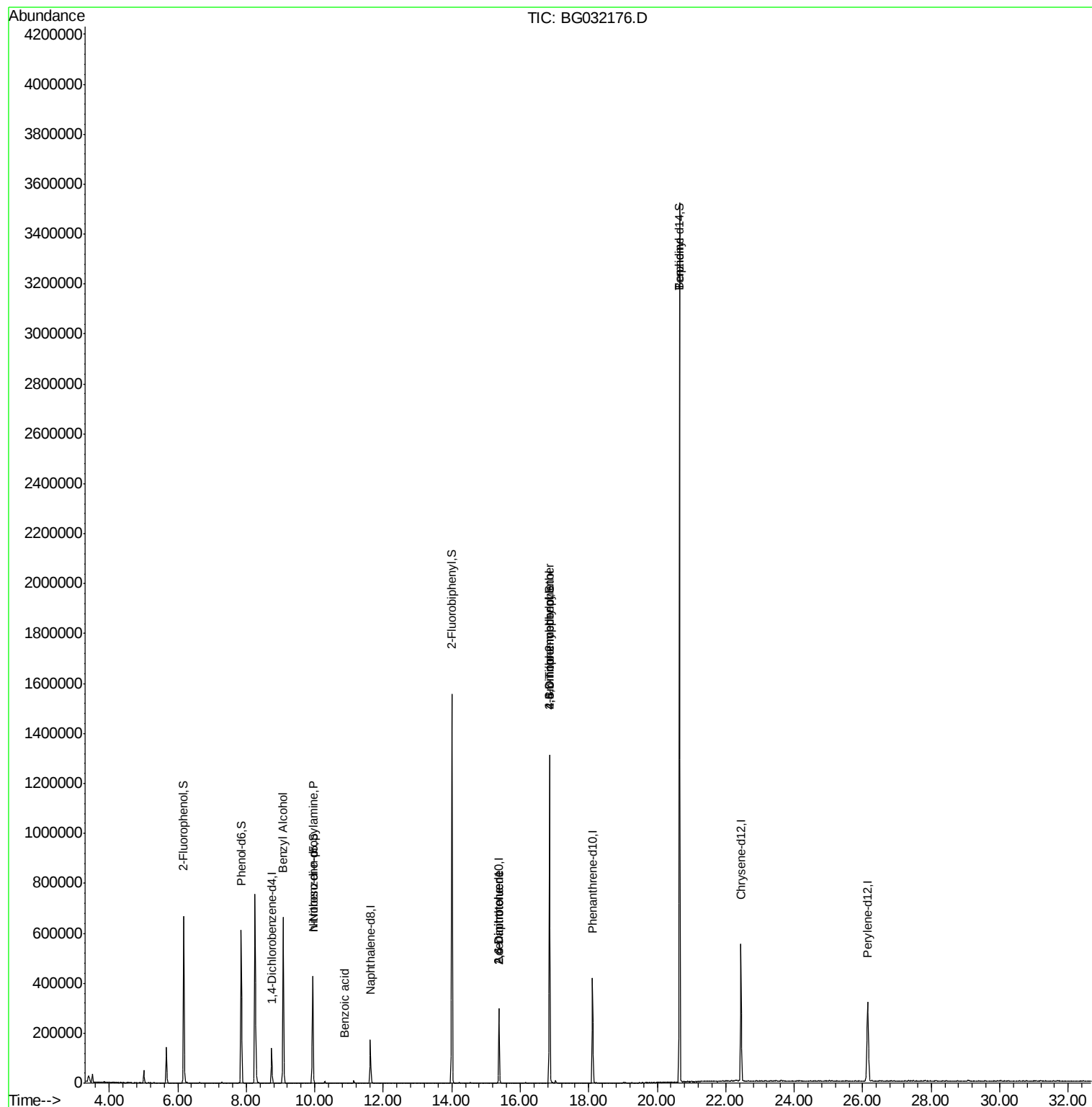
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.08	79	5481	2.369	ng	# 52
19) n-Nitroso-di-n-propylamine	9.94	70	38855	19.661	ng	# 75
32) Benzoic acid	10.86	122	221	5.359	ng	# 24
50) 2,6-Dinitrotoluene	15.37	165	14043	6.946	ng	# 20
56) 2,4-Dinitrotoluene	15.37	165	14043	5.159	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.85	198	702	5.223	ng	# 1
66) 4-Bromophenyl-phenylether	16.85	248	24657	5.956	ng	# 1
76) Benzidine	20.65	184	27173	2.611	ng	# 96

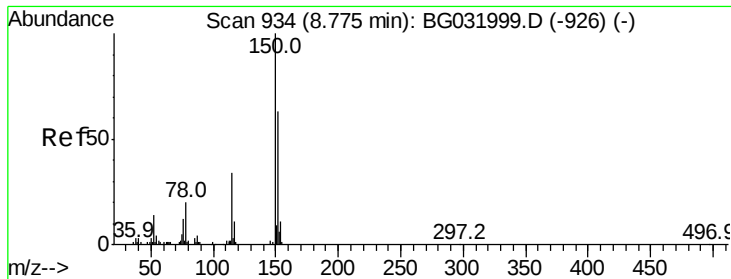
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032176.D
Acq On : 20 Jan 2018 8:15
Operator : SJ/JU
Sample : J1023-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 21 23:59:47 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



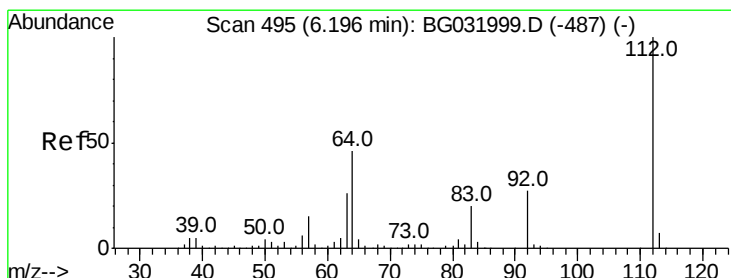
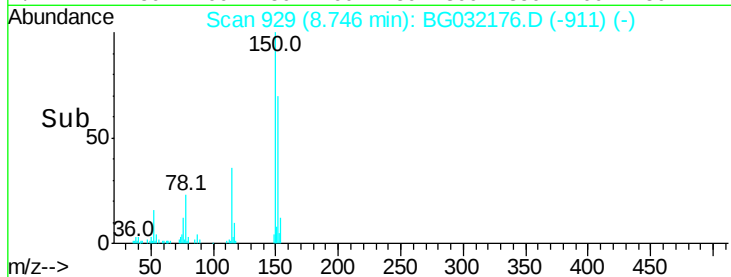
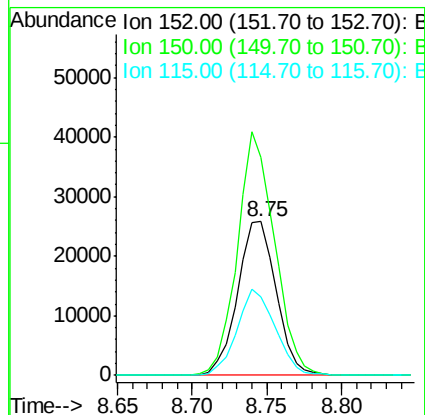
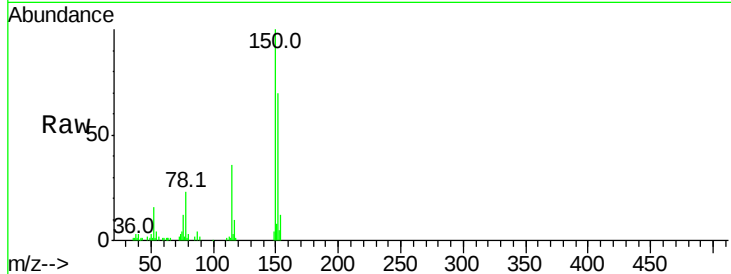


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.75 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG032176.D
Acq: 20 Jan 2018 8:15

Instrument :
BNA_G
ClientSampleId :

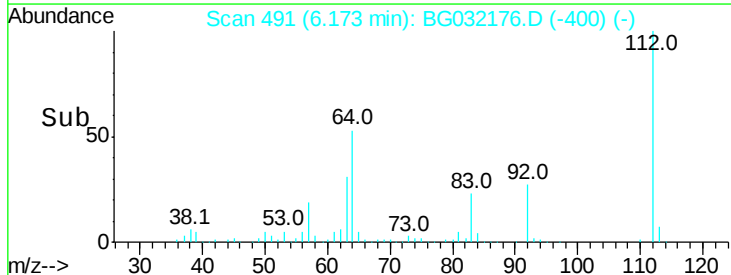
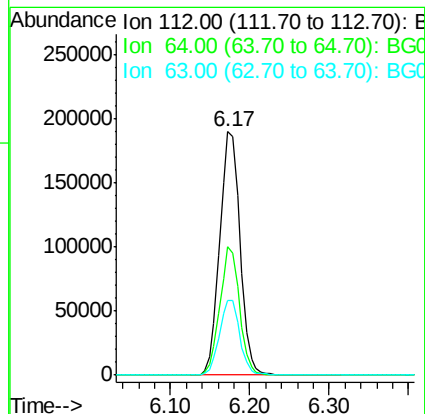
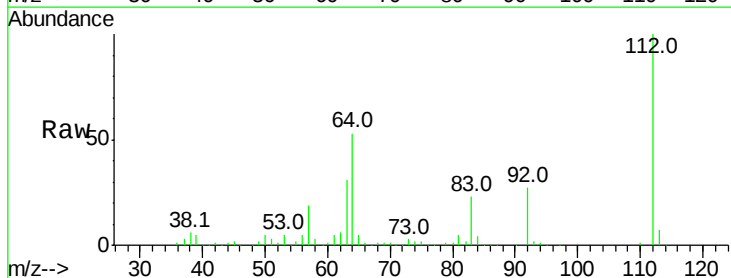
Tot Ion:152 Resp: 46254
Ion Ratio Lower Upper
152 100
150 142.0 126.6 189.8
115 51.1 53.0 79.4#

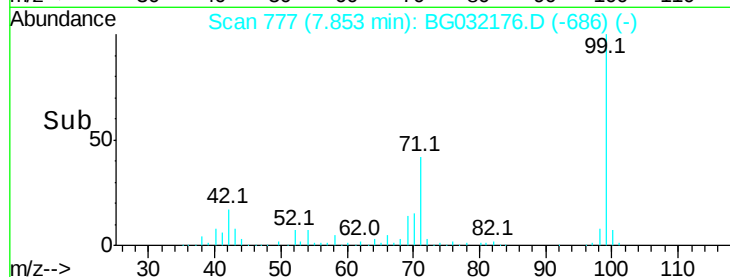
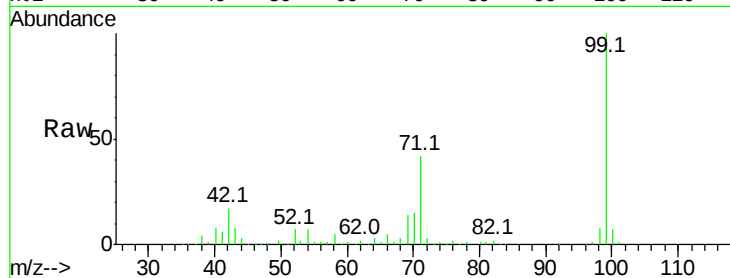
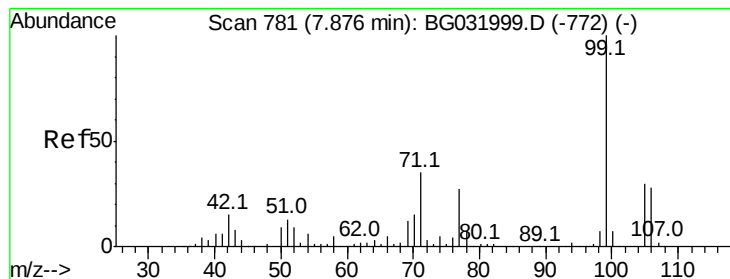


#5

2-Fluorophenol
Concen: 133.828 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032176.D
Acq: 20 Jan 2018 8:15

Tgt Ion:112 Resp: 338454
Ion Ratio Lower Upper
112 100
64 53.0 56.3 84.5#
63 30.9 30.1 45.1





#7

Phenol-d6

Concen: 118.104 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

Instrument :

BNA_G

ClientSampled :

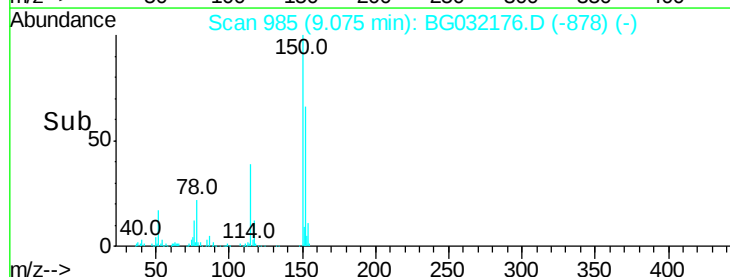
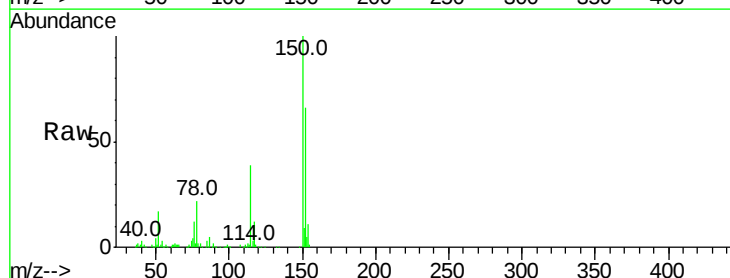
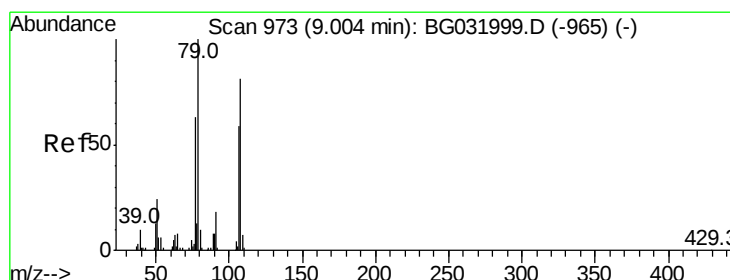
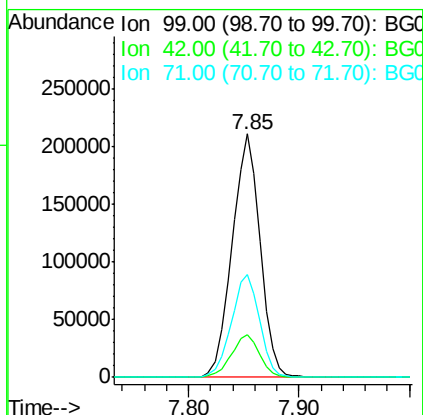
Tot Ion: 99 Resp: 376178

Ion Ratio Lower Upper

99 100

42 17.4 14.1 21.1

71 42.4 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.369 ng

RT: 9.08 min Scan# 985

Delta R.T. 0.10 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

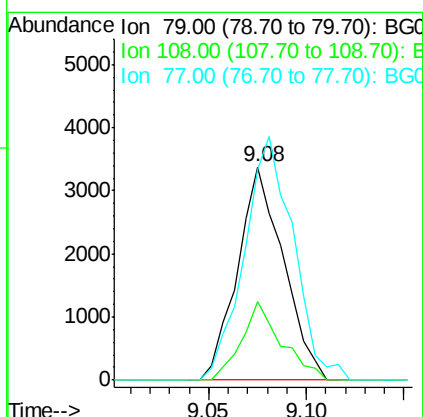
Tgt Ion: 79 Resp: 5481

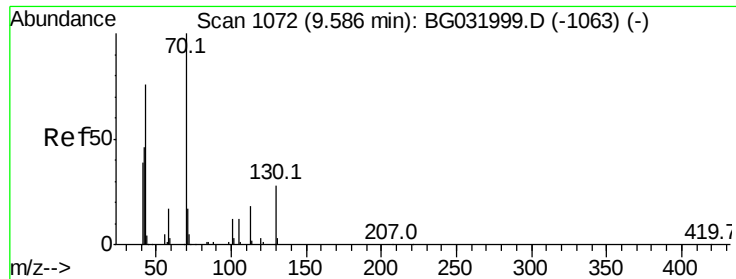
Ion Ratio Lower Upper

79 100

108 36.7 57.2 85.8#

77 98.8 46.1 69.1#

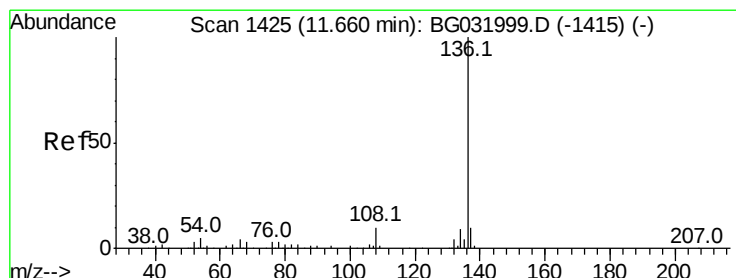
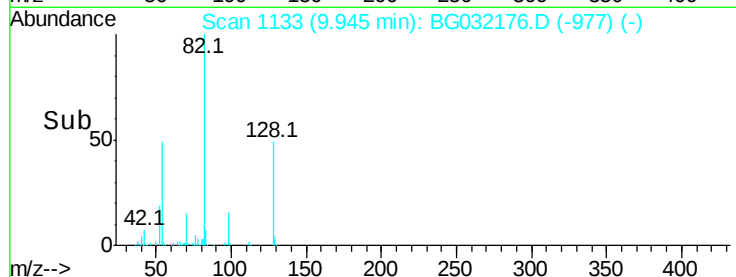
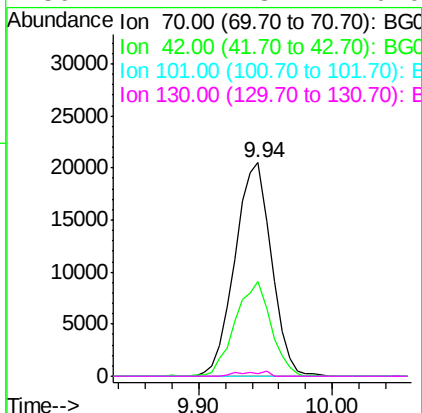
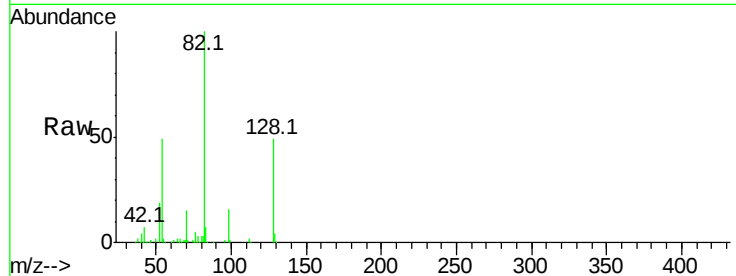




#19
n-Nitroso-di-n-propylamine
Concen: 19.661 ng
RT: 9.94 min Scan# 1133
Delta R.T. 0.39 min
Lab File: BG032176.D
Acq: 20 Jan 2018 8:15

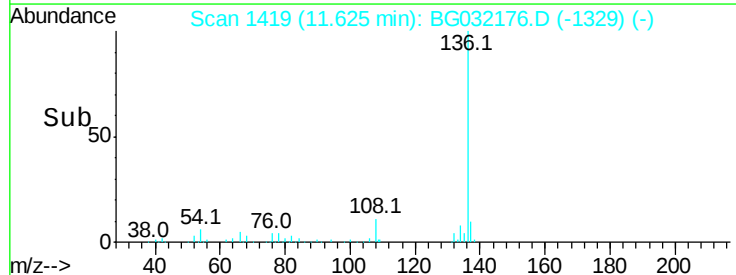
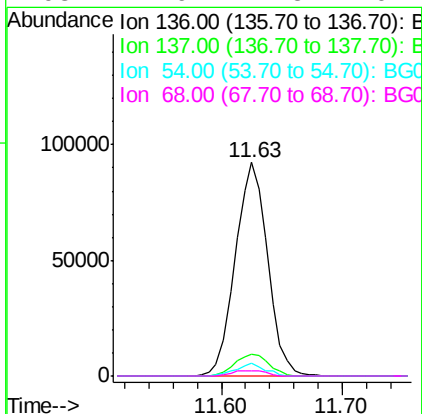
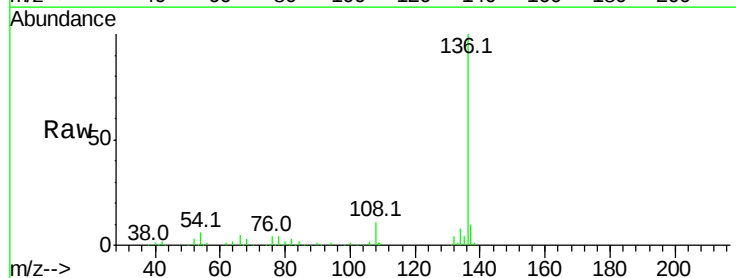
Instrument :
BNA_G
ClientSampleId :

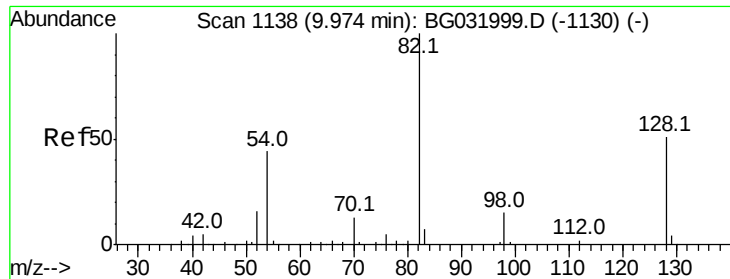
Tot Ion: 70 Resp: 38855
Ion Ratio Lower Upper
70 100
42 44.5 49.1 73.7#
101 0.0 8.5 12.7#
130 1.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032176.D
Acq: 20 Jan 2018 8:15

Tgt Ion: 136 Resp: 171884
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 6.1 10.3 15.5#
68 2.6 4.5 6.7#

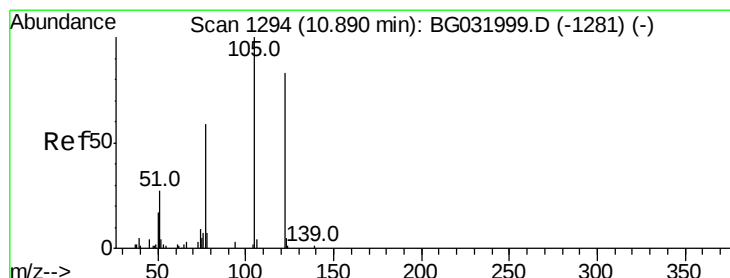
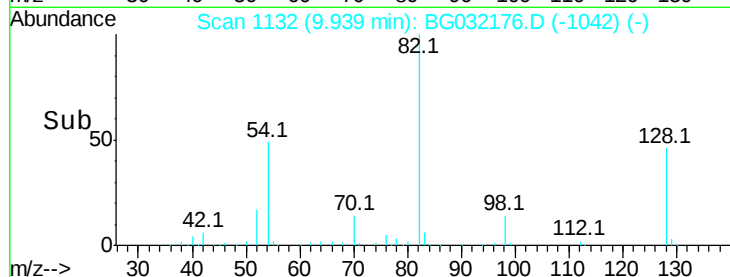
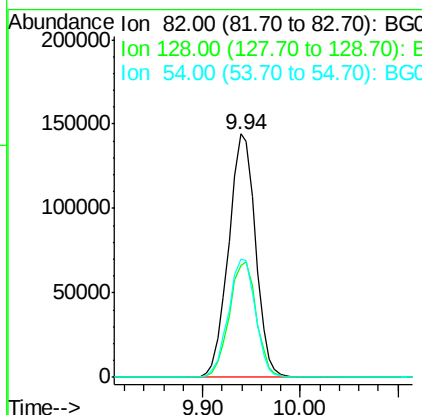
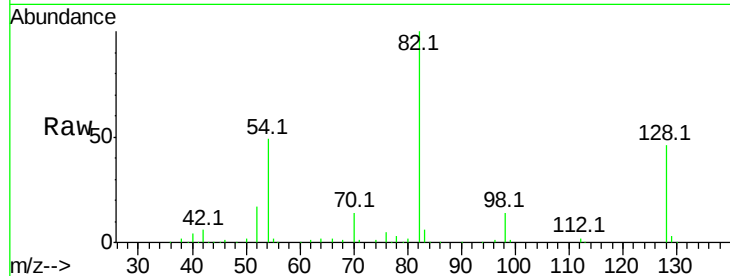




#23
 Nitrobenzene-d5
 Concen: 108.636 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG032176.D
 Acq: 20 Jan 2018 8:15

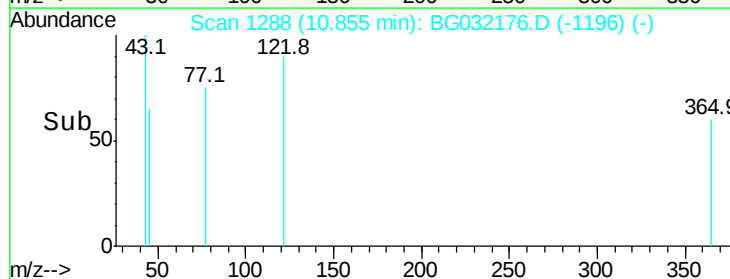
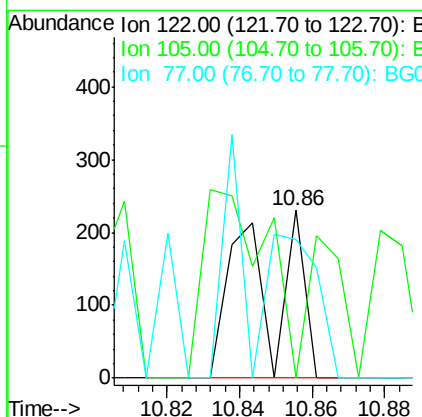
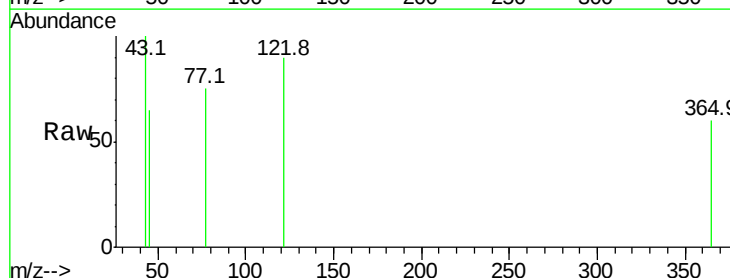
Instrument :
 BNA_G
 ClientSampleId :

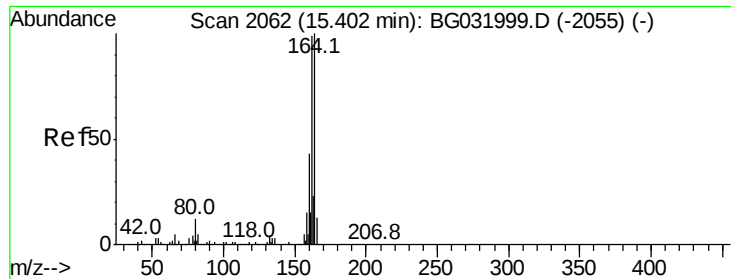
Tot Ion: 82 Resp: 276002
 Ion Ratio Lower Upper
 82 100
 128 45.7 29.7 44.5#
 54 48.6 43.1 64.7



#32
 Benzoic acid
 Concen: 5.359 ng
 RT: 10.86 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BG032176.D
 Acq: 20 Jan 2018 8:15

Tgt Ion:122 Resp: 221
 Ion Ratio Lower Upper
 122 100
 105 0.0 123.5 163.5#
 77 83.0 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: BG032176.D

Acq: 20 Jan 2018 8:15

Instrument :

BNA_G

ClientSampleId :

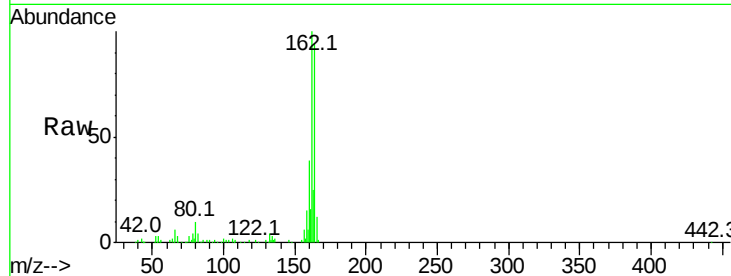
Tot Ion:164 Resp: 111305

Ion Ratio Lower Upper

164 100

162 106.4 78.8 118.2

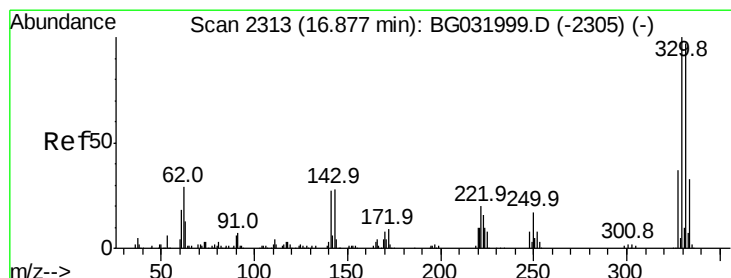
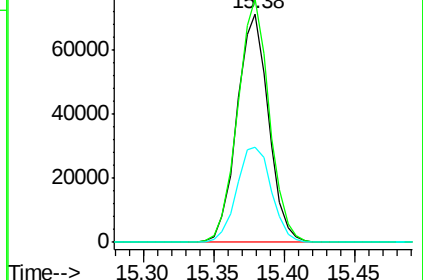
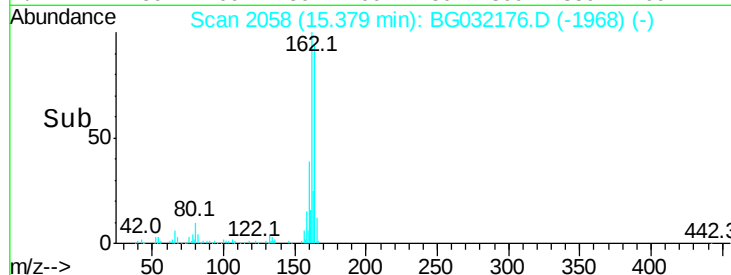
160 41.8 35.4 53.0



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: 159.947 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

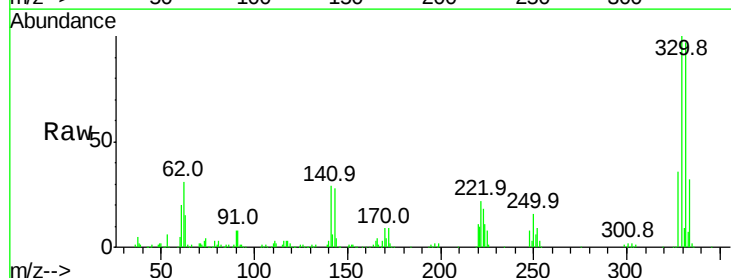
Tgt Ion:330 Resp: 294597

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

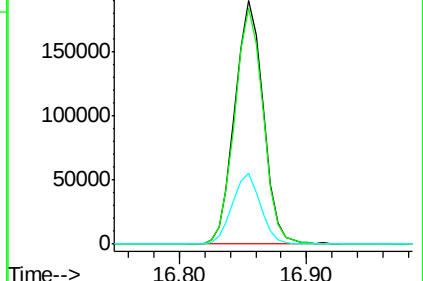
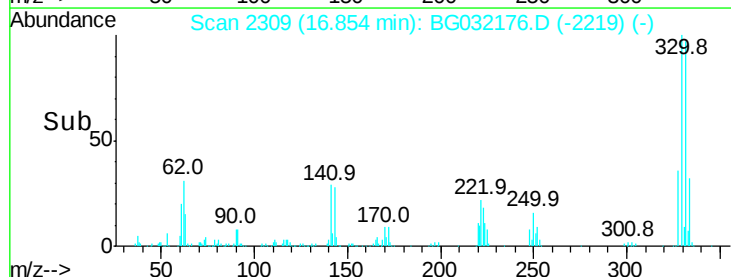
141 28.9 25.2 37.8

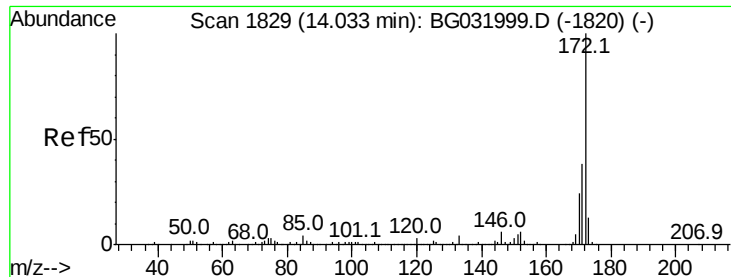


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

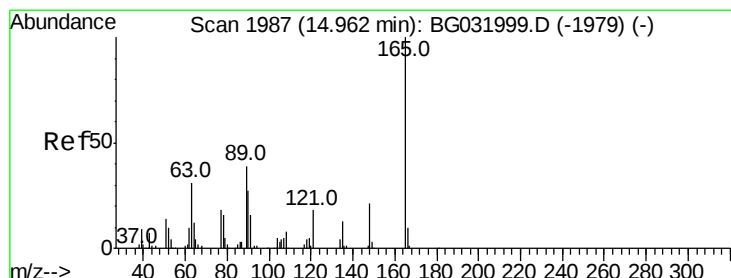
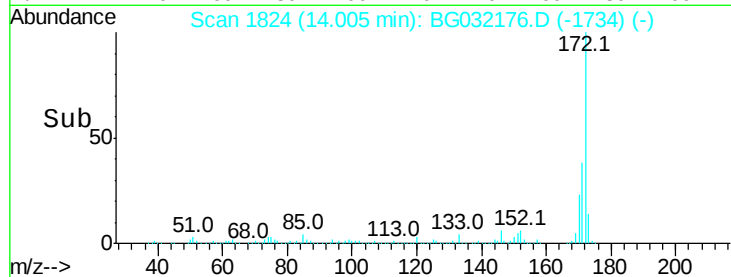
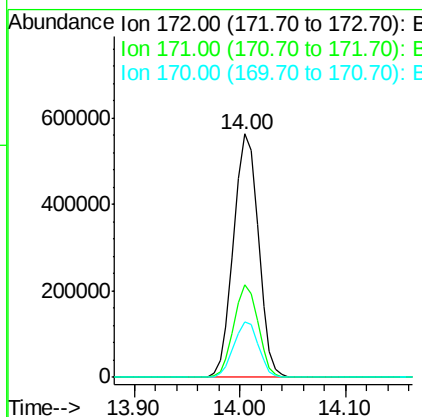
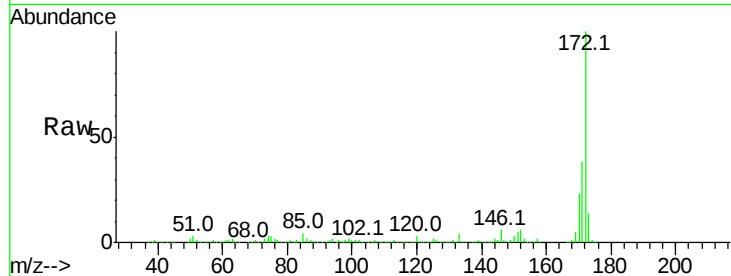




#44
2-Fluorobiphenyl
Concen: 101.828 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032176.D
Acq: 20 Jan 2018 8:15

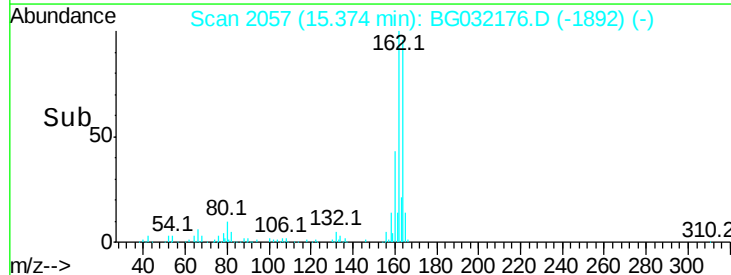
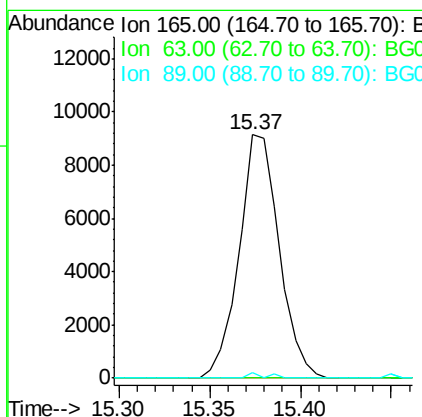
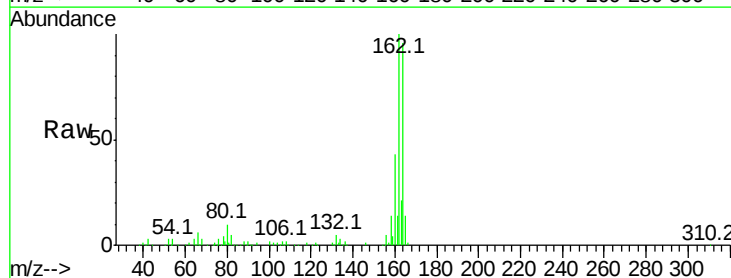
Instrument :
BNA_G
ClientSampleId :

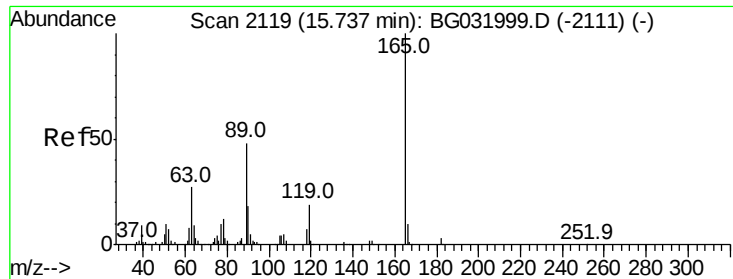
Tot Ion:172 Resp: 914070
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 22.7 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 6.946 ng
RT: 15.37 min Scan# 2057
Delta R.T. 0.44 min
Lab File: BG032176.D
Acq: 20 Jan 2018 8:15

Tgt Ion:165 Resp: 14043
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.2 49.2 73.8#

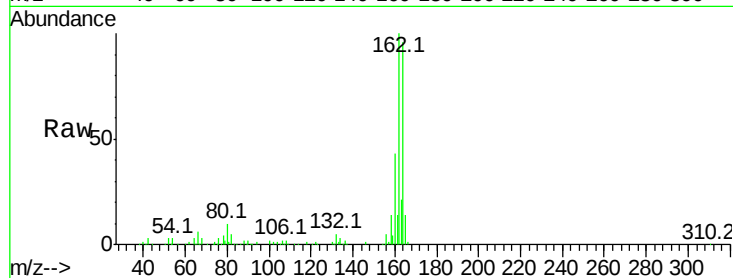




#56
2,4-Dinitrotoluene
Concen: 5.159 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.34 min
Lab File: BG032176.D
Acq: 20 Jan 2018 8:15

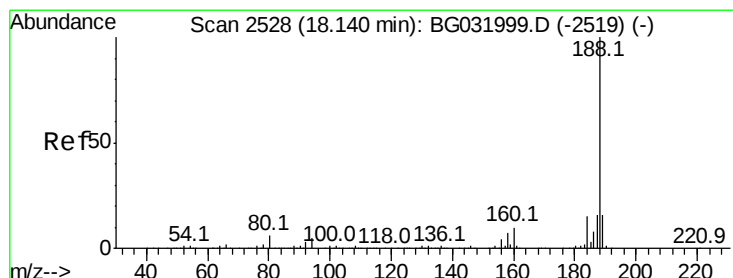
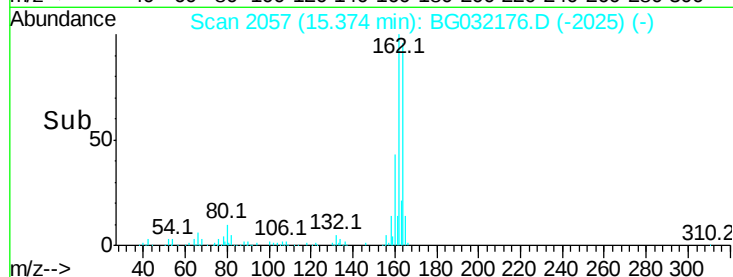
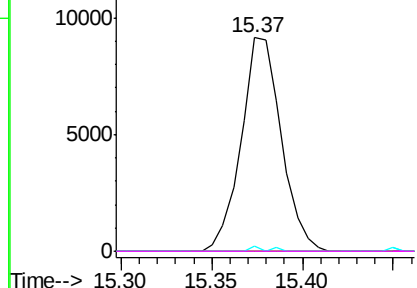
Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 14043
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.2 66.9 100.3#
182 0.0 2.6 3.8#



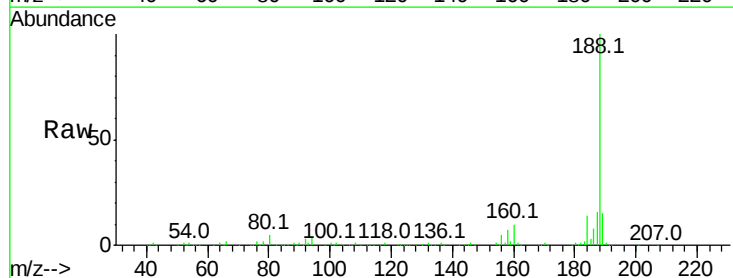
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E



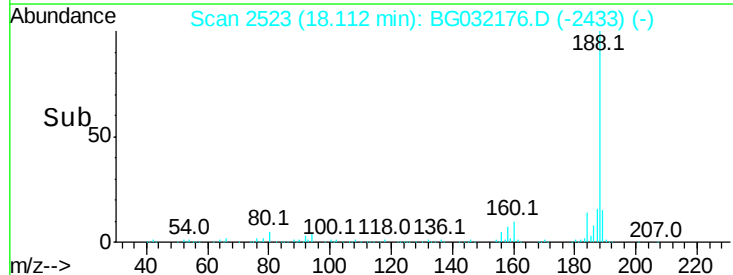
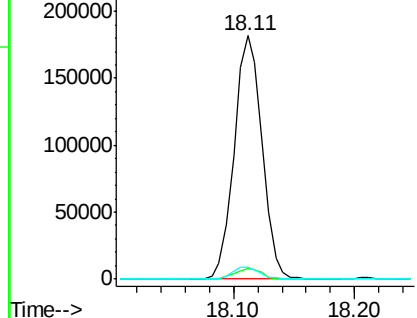
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032176.D
Acq: 20 Jan 2018 8:15

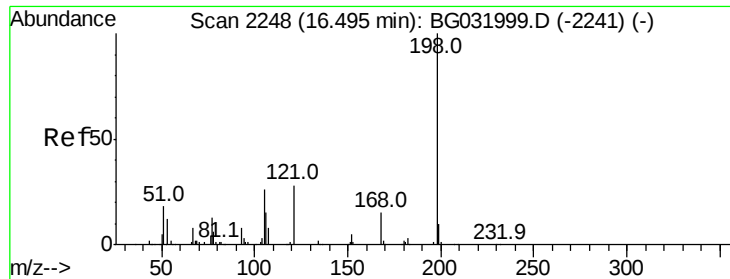
Tgt Ion:188 Resp: 290965
Ion Ratio Lower Upper
188 100
94 4.4 6.9 10.3#
80 4.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 5.223 ng

RT: 16.85 min Scan# 2309

Delta R.T. 0.38 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

Instrument :

BNA_G

ClientSampled :

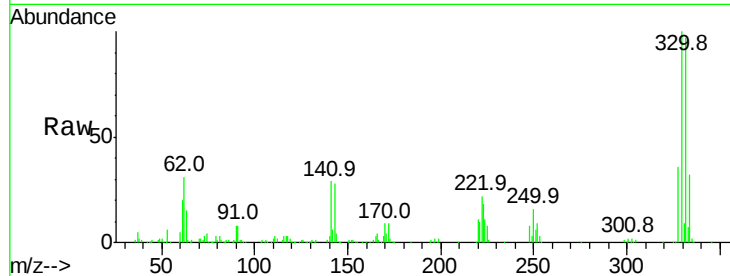
Tot Ion:198 Resp: 702

Ion Ratio Lower Upper

198 100

51 147.9 30.6 70.6#

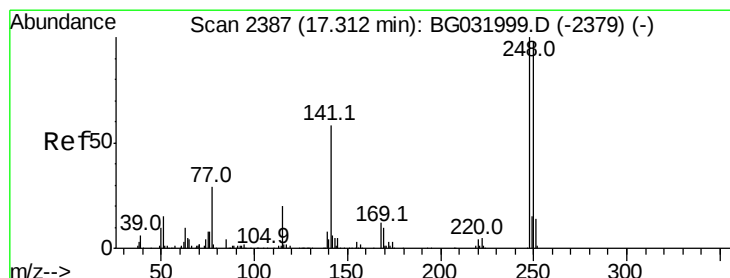
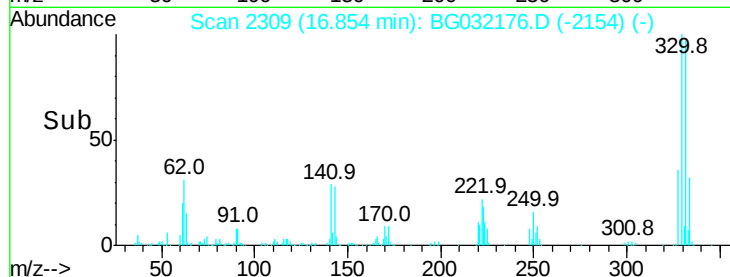
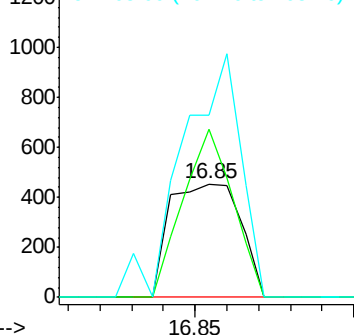
105 160.2 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.956 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.44 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

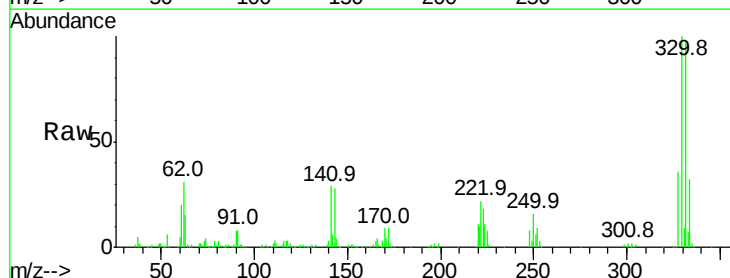
Tgt Ion:248 Resp: 24657

Ion Ratio Lower Upper

248 100

250 192.4 77.1 115.7#

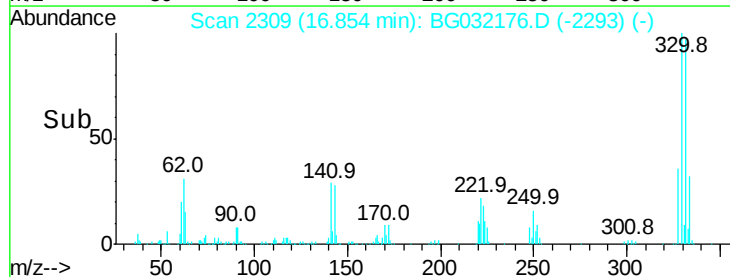
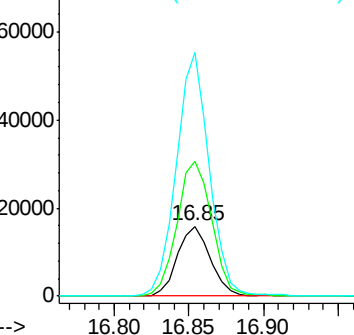
141 347.5 50.8 76.2#

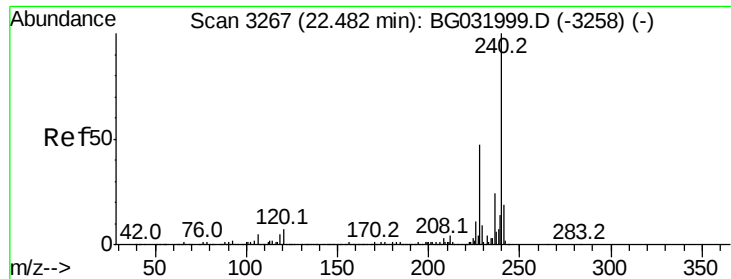


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

Instrument :

BNA_G

ClientSampled :

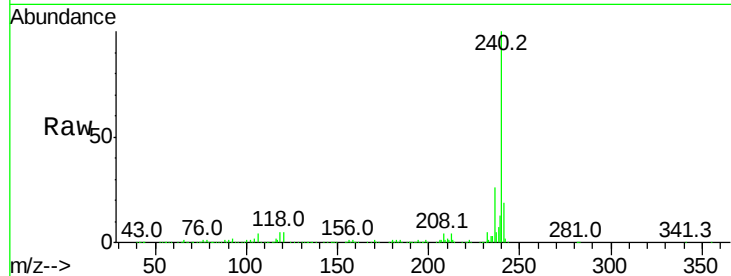
Tot Ion:240 Resp: 416120

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

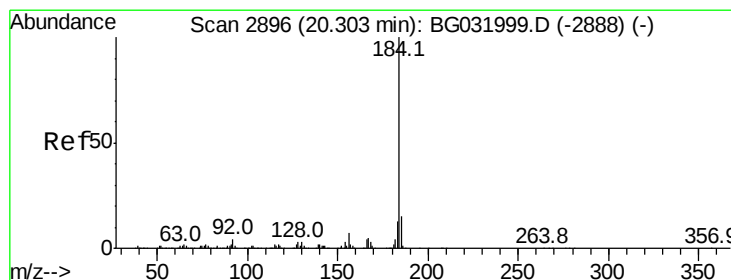
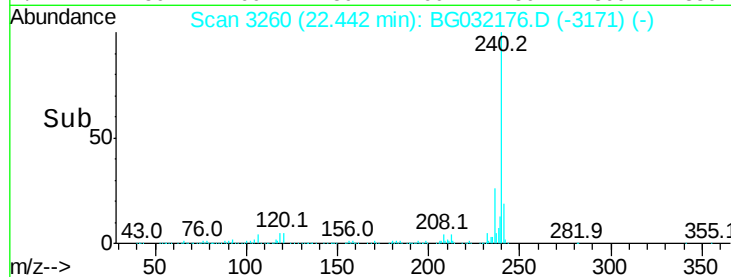
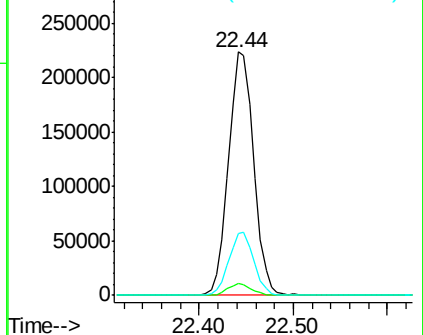
236 25.7 20.9 31.3



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



#76

Benzidine

Concen: 2.611 ng

RT: 20.65 min Scan# 2955

Delta R.T. 0.37 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

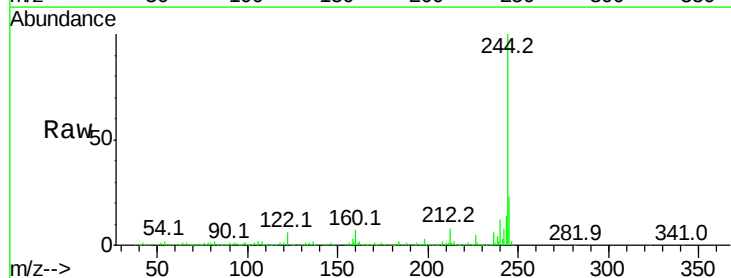
Tgt Ion:184 Resp: 27173

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

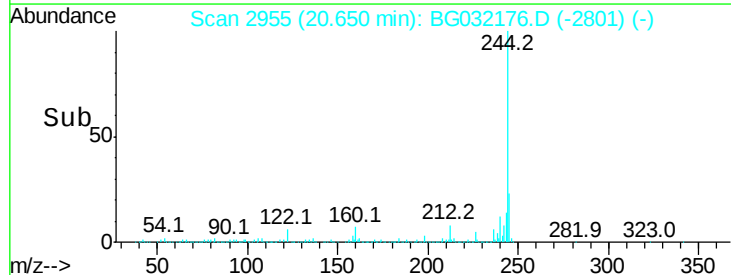
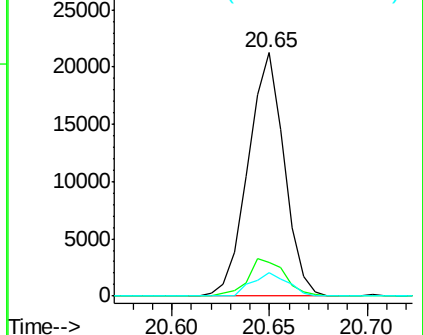
183 9.9 10.6 16.0#

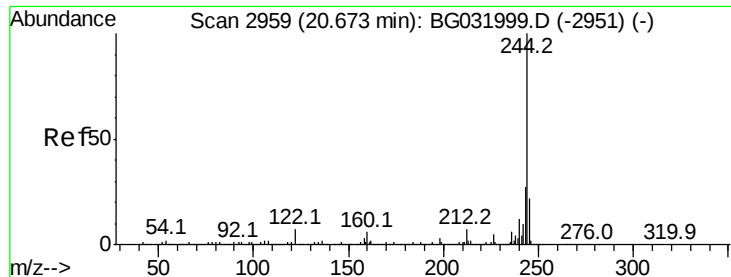


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 98.295 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

Instrument :

BNA_G

ClientSampleId :

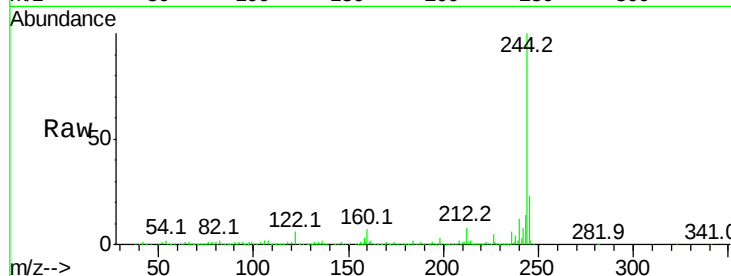
Tot Ion:244 Resp: 1852428

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

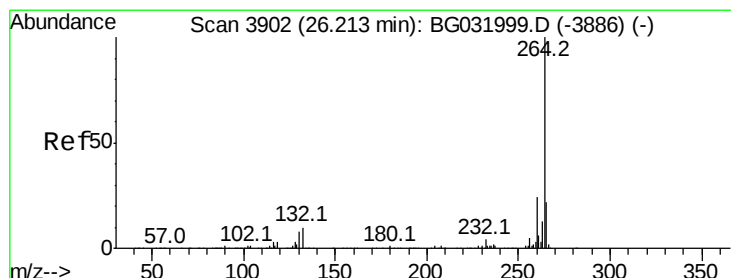
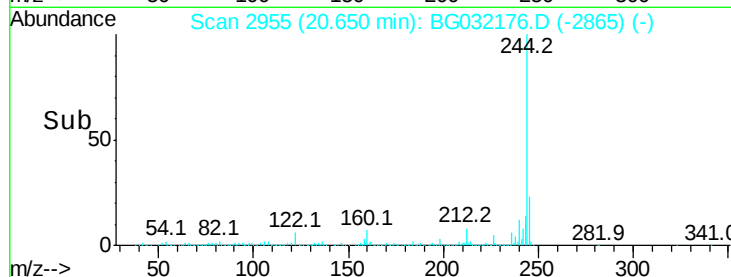
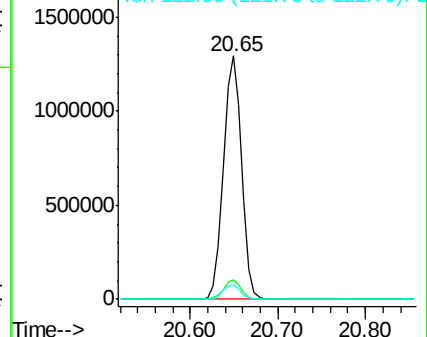
122 6.1 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.15 min Scan# 3891

Delta R.T. -0.00 min

Lab File: BG032176.D

Acq: 20 Jan 2018 8:15

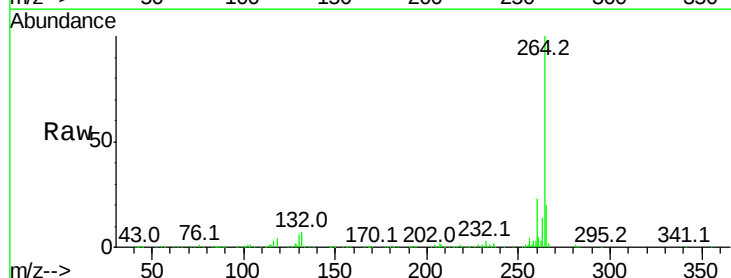
Tgt Ion:264 Resp: 435210

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 20.3 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

