

Data Path : U:\HPCHEM1\BNA G\DATA\BG012418\
 Data File : BG032291.D
 Acq On : 25 Jan 2018 10:47
 Operator : SJ/JU
 Sample : J1258-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 25 11:24:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	34809	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	139060	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	96491	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	268515	20.00	ng	0.00
75) Chrysene-d12	22.42	240	370563	20.00	ng	0.00
86) Perylene-d12	26.10	264	385528	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.16	112	267550	140.58	ng	0.00
7) Phenol-d6	7.84	99	309036	128.93	ng	0.00
23) Nitrobenzene-d5	9.92	82	222946	108.47	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	264768	165.82	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	780865	100.34	ng	0.00
78) Terphenyl-d14	20.63	244	1753093	104.46	ng	0.00

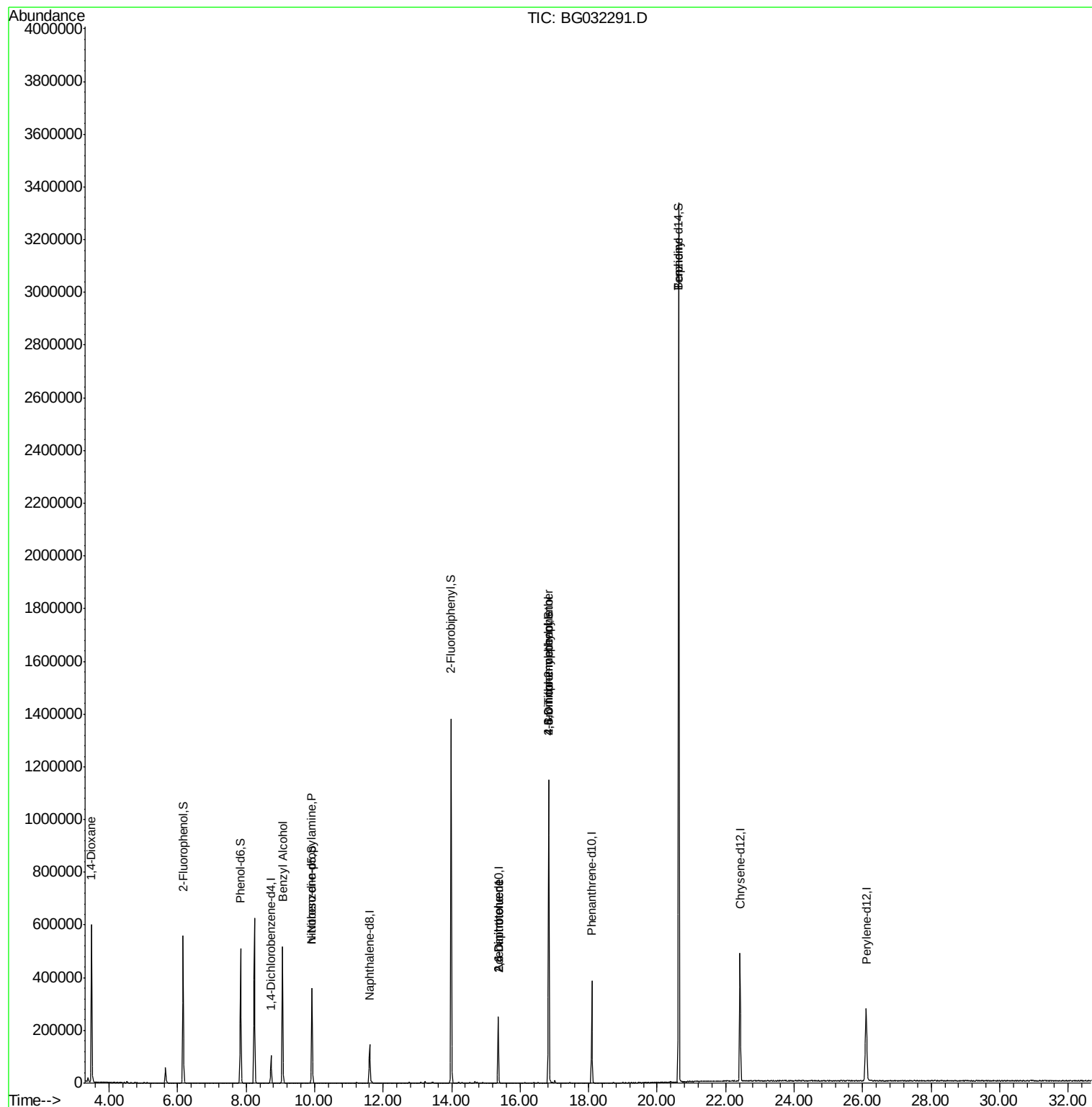
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	6232	8.523	ng	# 1
15) Benzyl Alcohol	9.05	79	4489	2.578	ng	# 44
19) n-Nitroso-di-n-propylamine	9.92	70	31769	21.361	ng	# 78
50) 2,6-Dinitrotoluene	15.36	165	12779	7.291	ng	# 20
56) 2,4-Dinitrotoluene	15.36	165	12779	5.416	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.83	198	691	5.245	ng	# 1
66) 4-Bromophenyl-phenylether	16.83	248	21946	5.744	ng	# 1
76) Benzidine	20.63	184	24359	2.629	ng	# 89

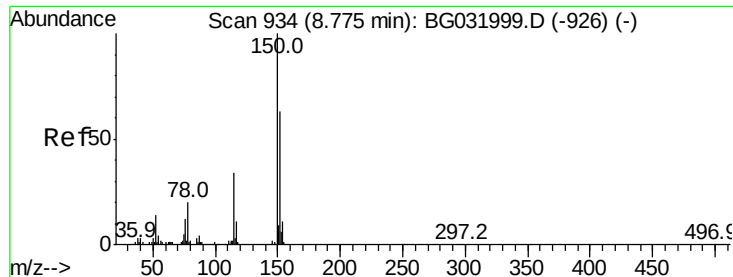
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG012418\
Data File : BG032291.D
Acq On : 25 Jan 2018 10:47
Operator : SJ/JU
Sample : J1258-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 25 11:24:37 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

Instrument :

BNA_G

ClientSampleId :

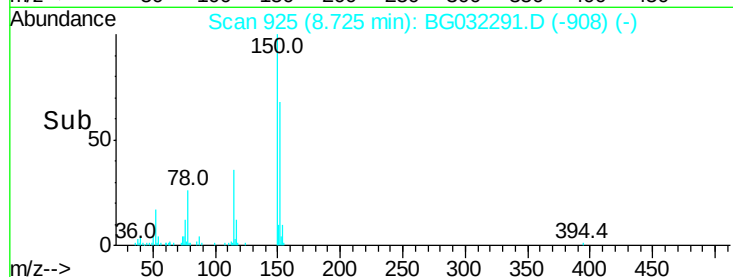
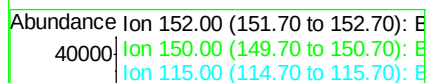
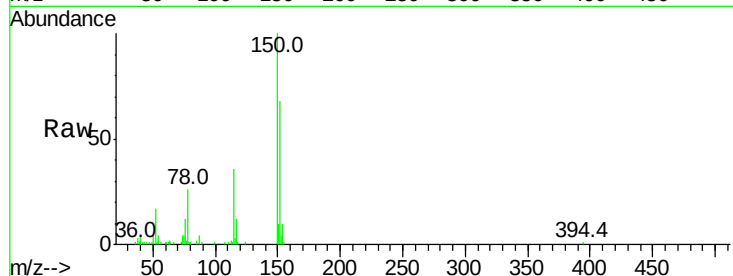
Tot Ion:152 Resp: 34809

Ion Ratio Lower Upper

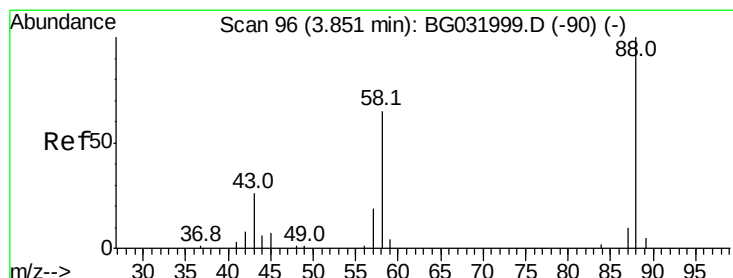
152 100

150 147.8 126.6 189.8

115 53.9 53.0 79.4



Time-->



#2

1,4-Dioxane

Concen: 8.523 ng

RT: 3.49 min Scan# 34

Delta R.T. -0.33 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

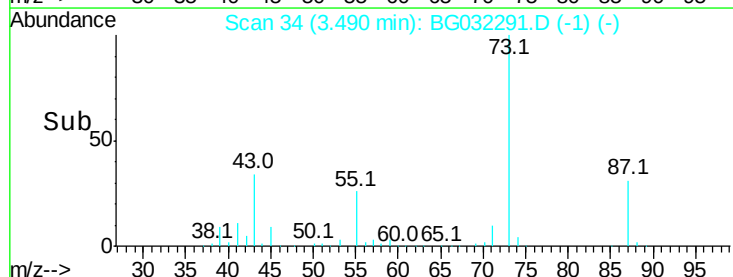
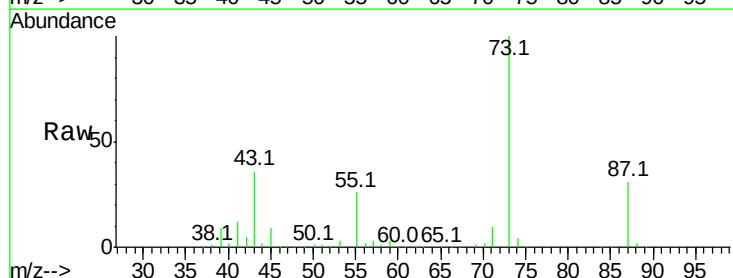
Tgt Ion: 88 Resp: 6232

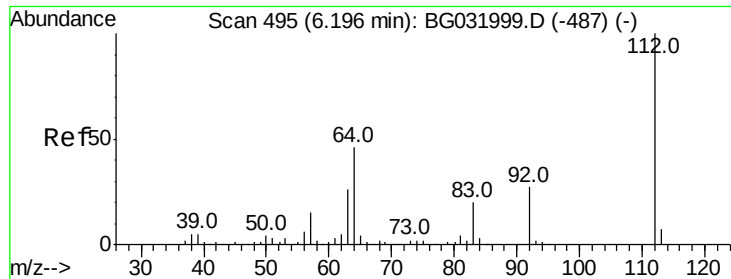
Ion Ratio Lower Upper

88 100

58 37.2 79.6 119.4#

43 2162.9 27.4 41.0#





#5

2-Fluorophenol

Concen: 140.576 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

Instrument :

BNA_G

ClientSampleId :

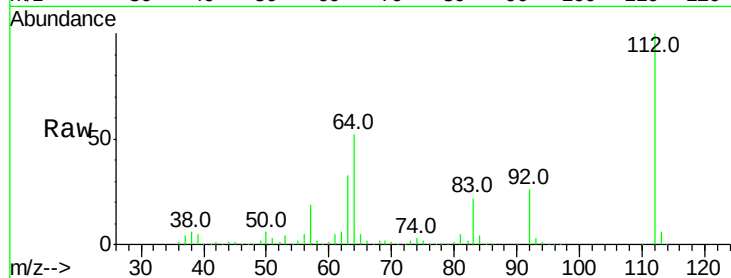
Tot Ion:112 Resp: 267550

Ion Ratio Lower Upper

112 100

64 51.9 56.3 84.5#

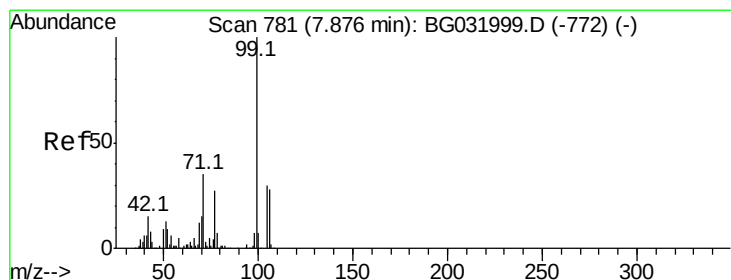
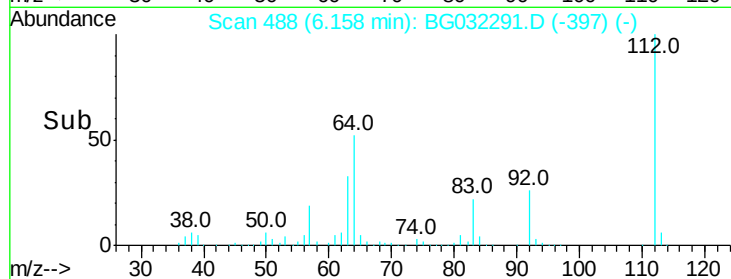
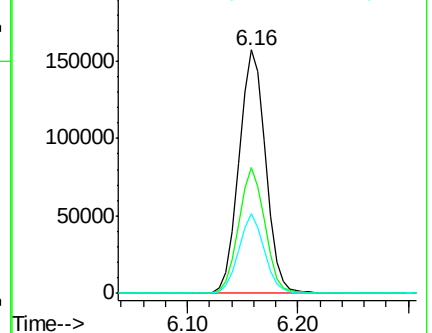
63 32.8 30.1 45.1



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: 128.925 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

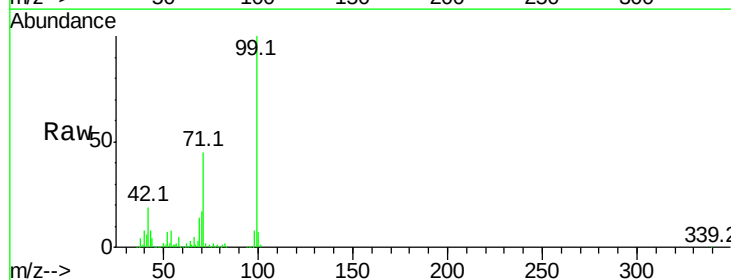
Tgt Ion: 99 Resp: 309036

Ion Ratio Lower Upper

99 100

42 19.0 14.1 21.1

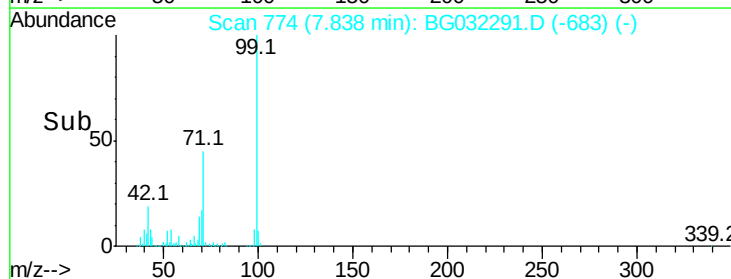
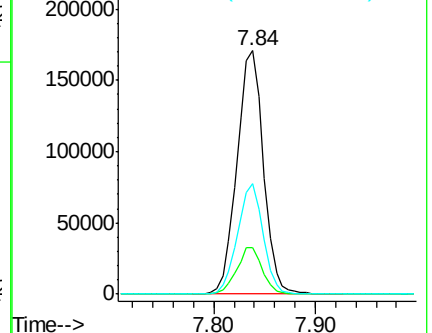
71 45.2 26.1 39.1#

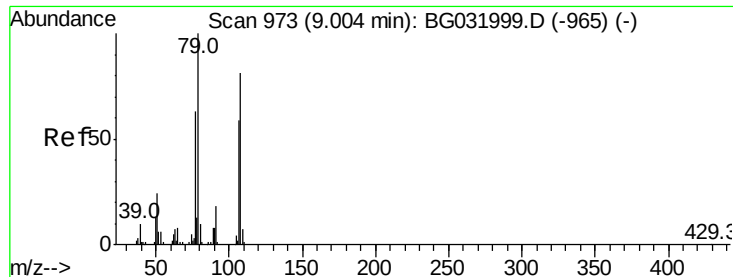


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#15

Benzyl Alcohol

Concen: 2.578 ng

RT: 9.05 min Scan# 981

Delta R.T. 0.09 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

Instrument :

BNA_G

ClientSampleId :

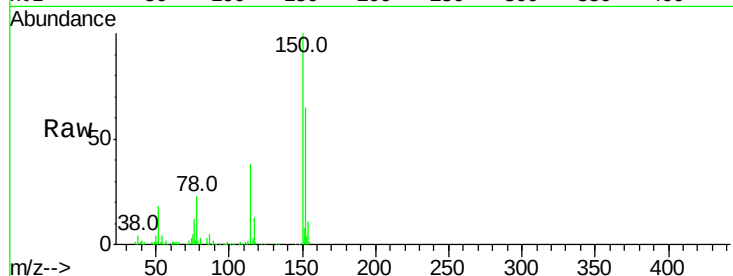
Tot Ion: 79 Resp: 4489

Ion Ratio Lower Upper

79 100

108 42.2 57.2 85.8#

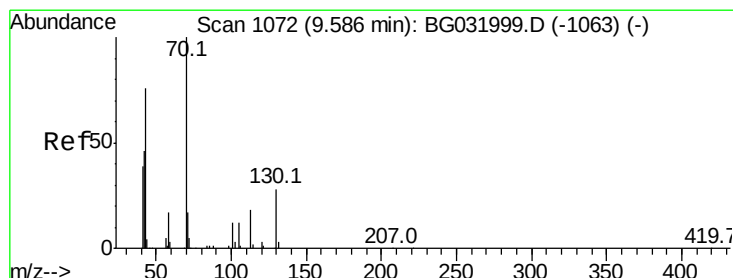
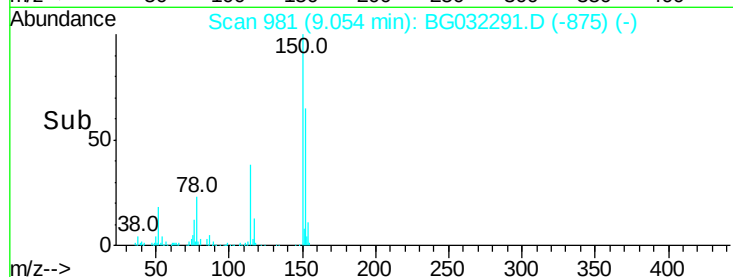
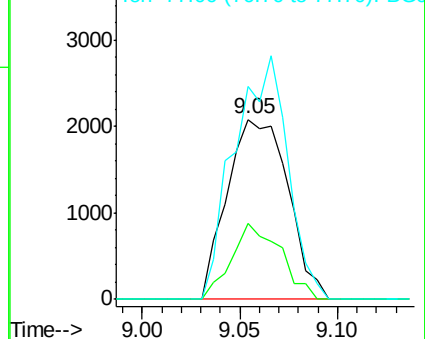
77 118.2 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 21.361 ng

RT: 9.92 min Scan# 1129

Delta R.T. 0.38 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

Tgt Ion: 70 Resp: 31769

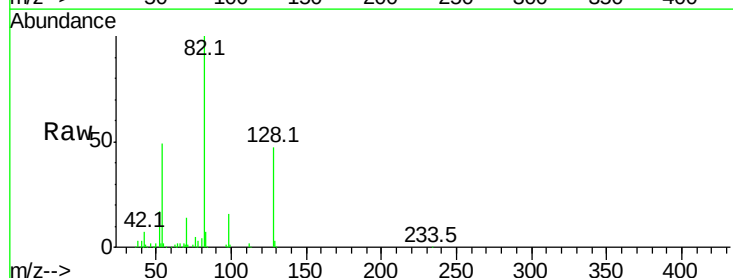
Ion Ratio Lower Upper

70 100

42 48.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.7 13.4 20.0#

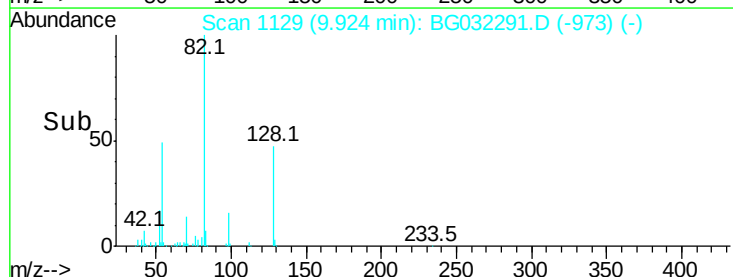
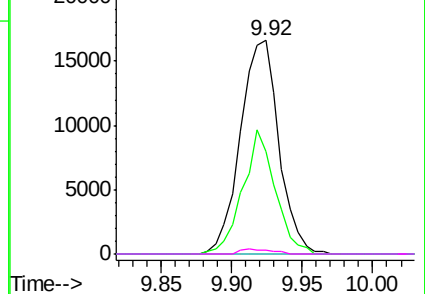


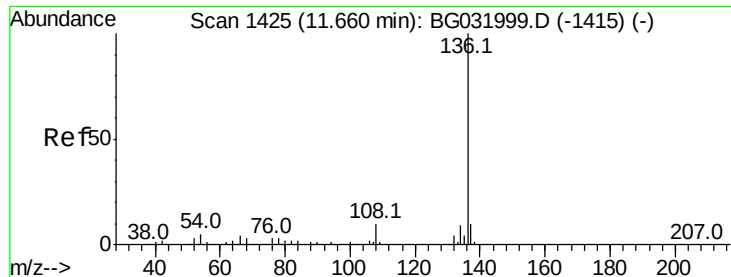
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 139060

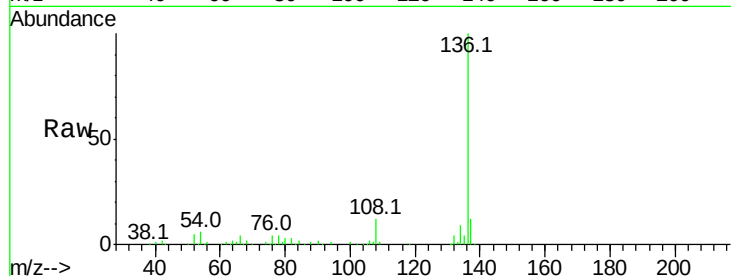
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 5.6 10.3 15.5#

68 2.2 4.5 6.7#

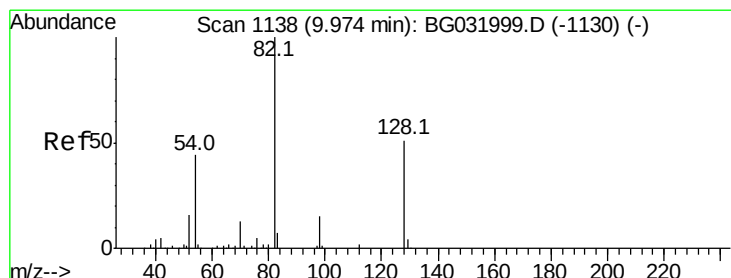
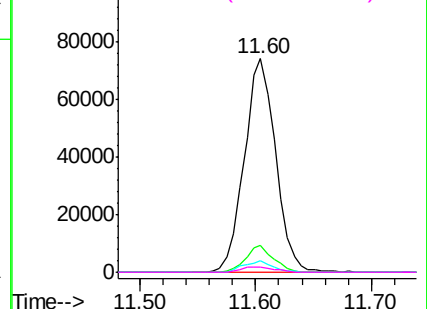
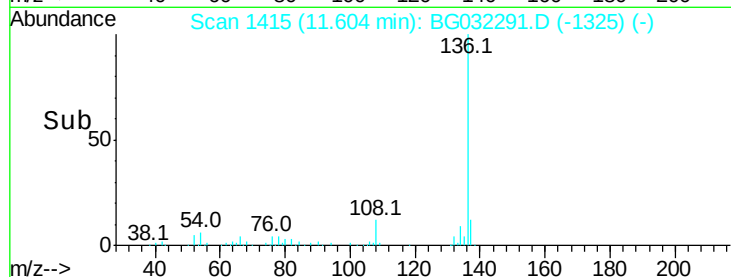


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 108.466 ng

RT: 9.92 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

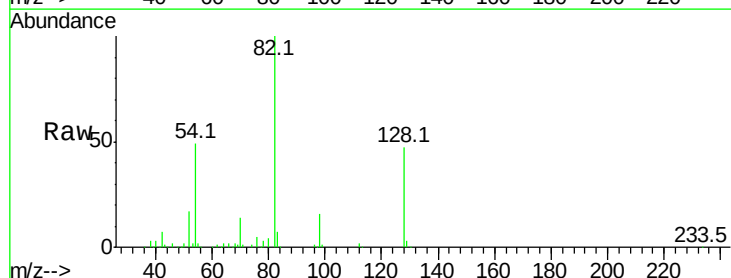
Tgt Ion: 82 Resp: 222946

Ion Ratio Lower Upper

82 100

128 46.8 29.7 44.5#

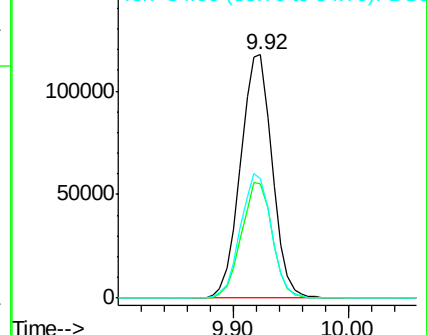
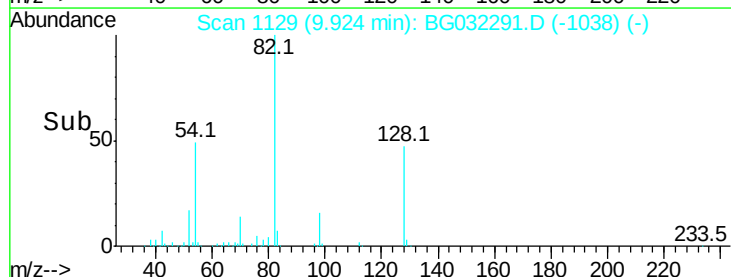
54 48.9 43.1 64.7

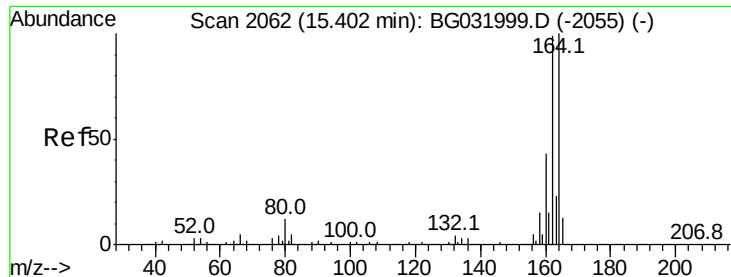


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

Instrument :

BNA_G

ClientSampleId :

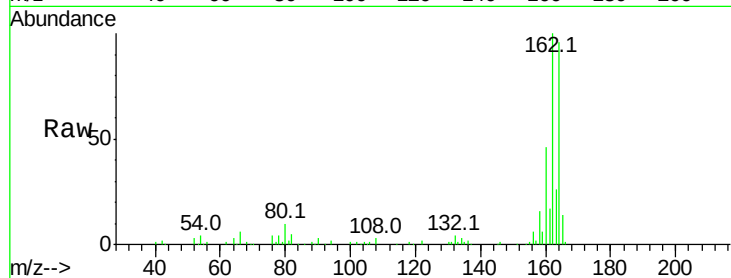
Tot Ion:164 Resp: 96491

Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.8	118.2
160	48.1	35.4	53.0

164 100

162 104.5 78.8 118.2

160 48.1 35.4 53.0



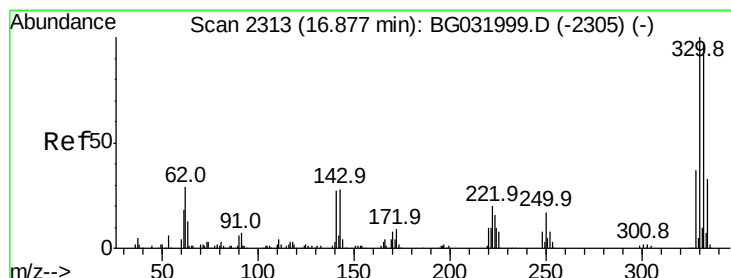
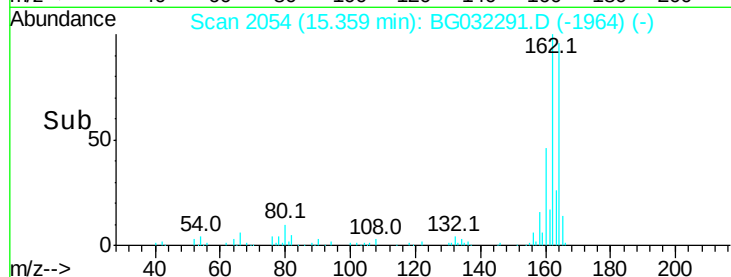
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

15.36

Time-->



#41

2,4,6-Tribromophenol

Concen: 165.822 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

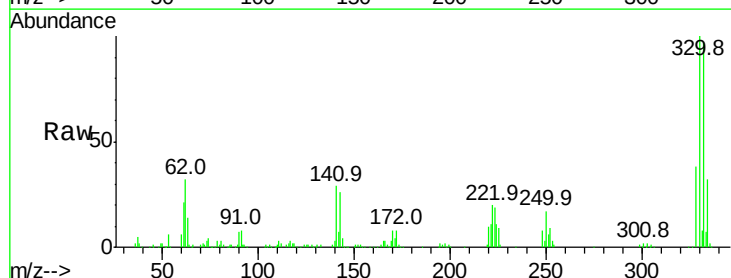
Tgt Ion:330 Resp: 264768

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.2	25.2	37.8

330 100

332 96.6 77.0 115.6

141 29.2 25.2 37.8



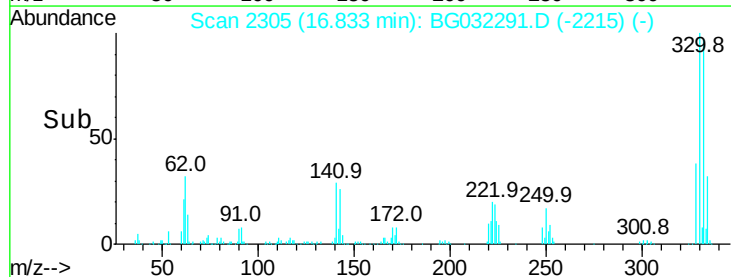
Abundance Ion 329.80 (329.50 to 330.50): E

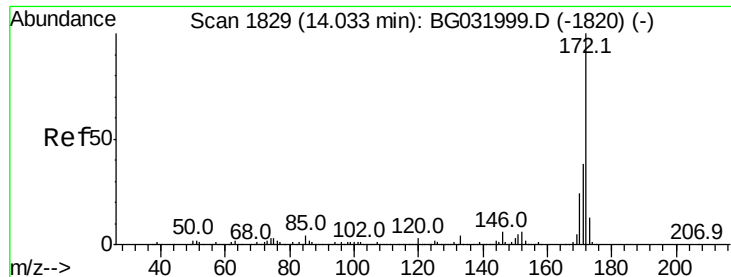
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.83

Time-->

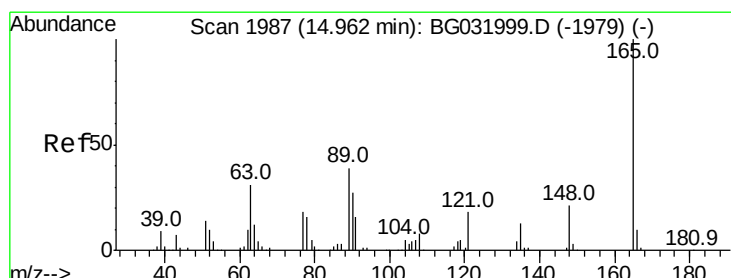
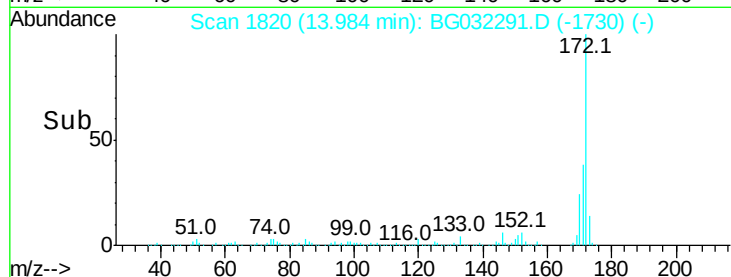
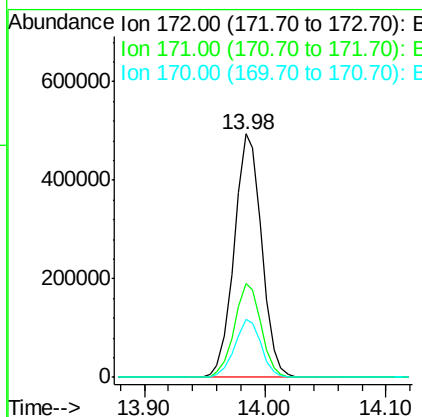
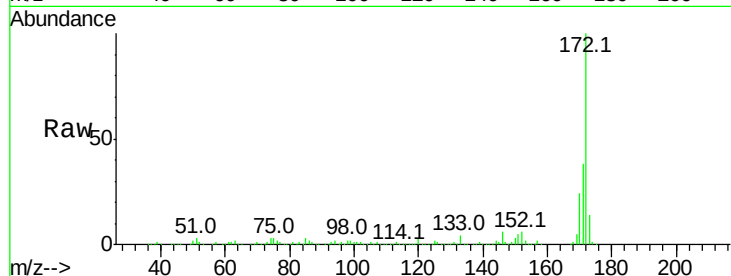




#44
 2-Fluorobiphenyl
 Concen: 100.345 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032291.D
 Acq: 25 Jan 2018 10:47

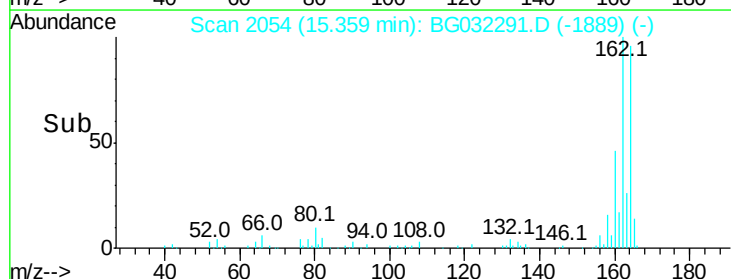
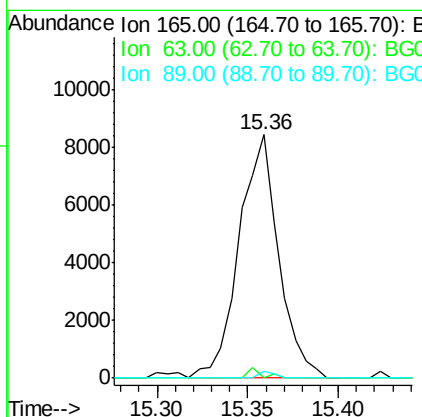
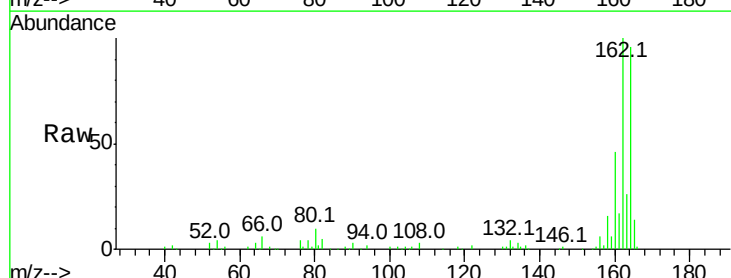
Instrument :
 BNA_G
 ClientSampleId :

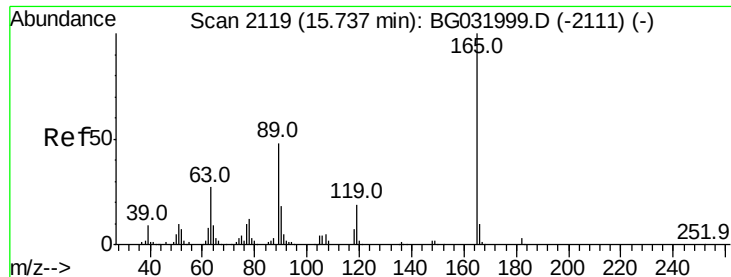
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.1	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.291 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. 0.44 min
 Lab File: BG032291.D
 Acq: 25 Jan 2018 10:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.7	49.2	73.8#

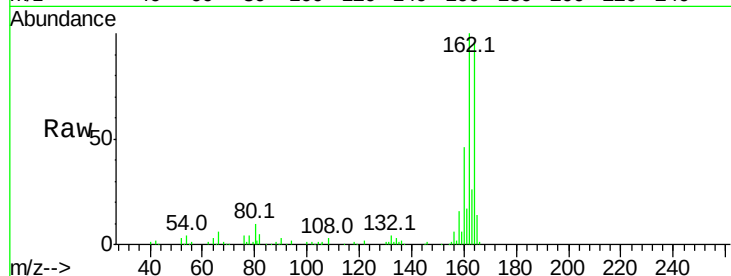




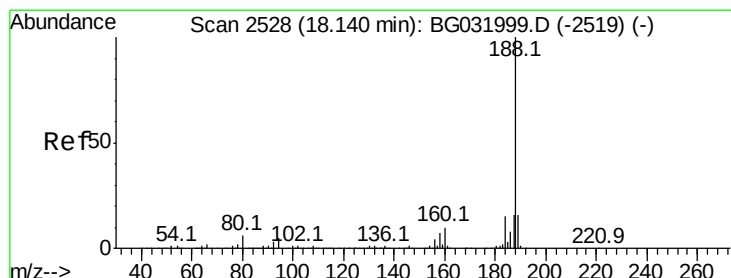
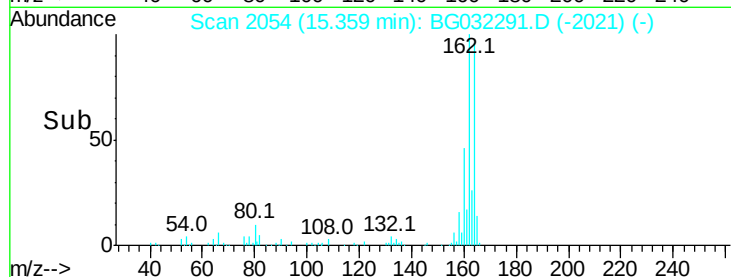
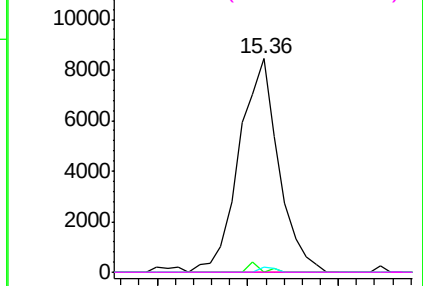
#56
 2,4-Dinitrotoluene
 Concen: 5.416 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.34 min
 Lab File: BG032291.D
 Acq: 25 Jan 2018 10:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 12779
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.7 66.9 100.3#
 182 0.0 2.6 3.8#

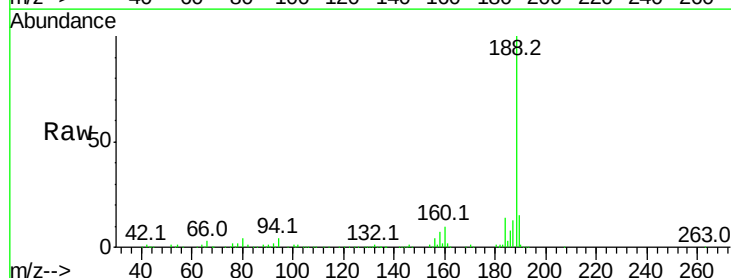


Abundance Ion 165.00 (164.70 to 165.70): E

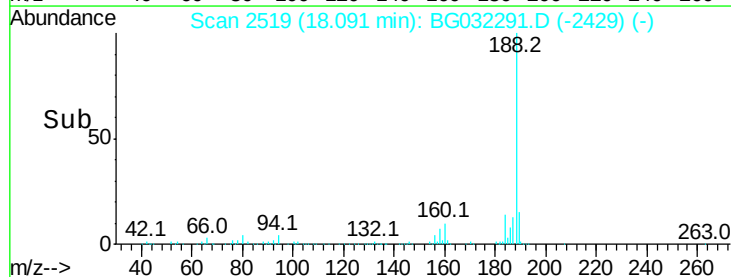
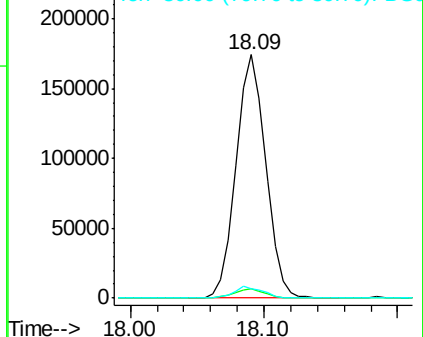


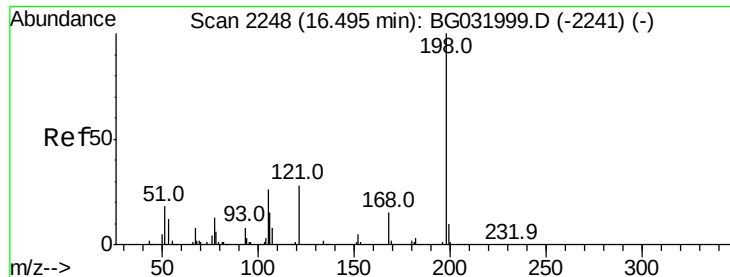
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.00 min
 Lab File: BG032291.D
 Acq: 25 Jan 2018 10:47

Tgt Ion:188 Resp: 268515
 Ion Ratio Lower Upper
 188 100
 94 3.9 6.9 10.3#
 80 3.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

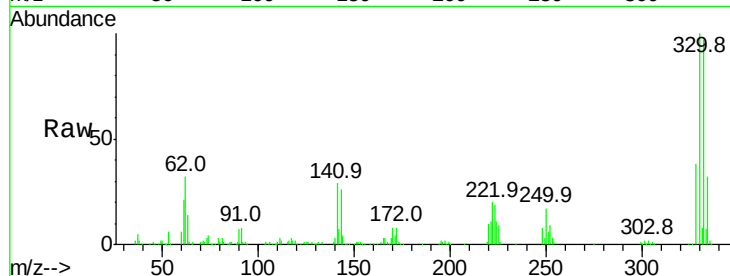




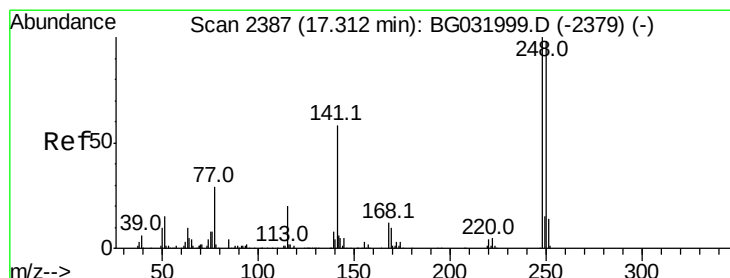
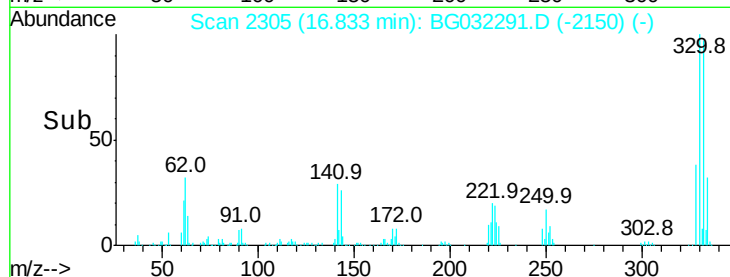
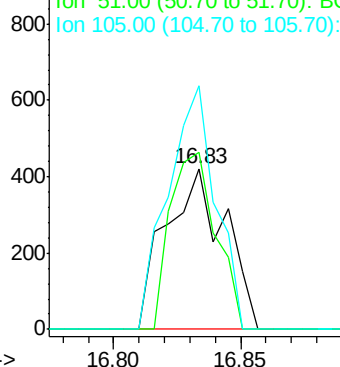
#64
4,6-Dinitro-2-methylphenol
Concen: 5.245 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.38 min
Lab File: BG032291.D
Acq: 25 Jan 2018 10:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 691
Ion Ratio Lower Upper
198 100
51 109.7 30.6 70.6#
105 151.2 23.8 63.8#

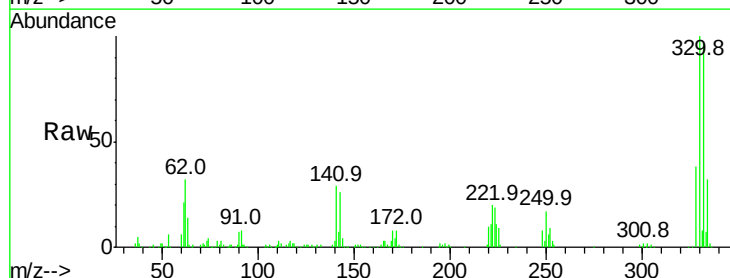


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

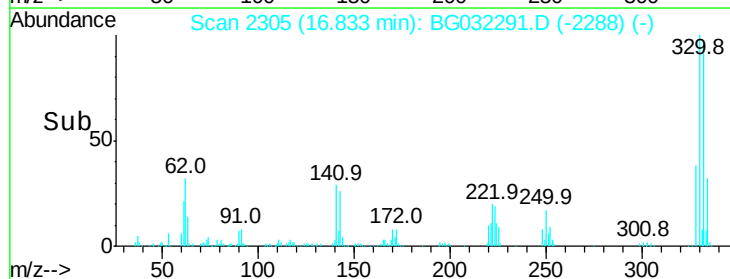
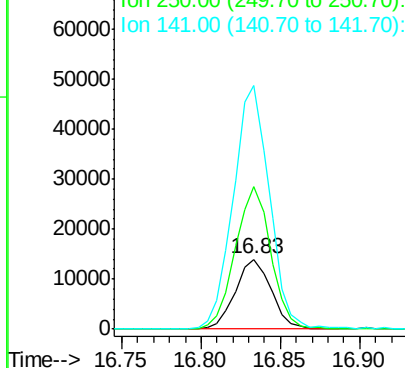


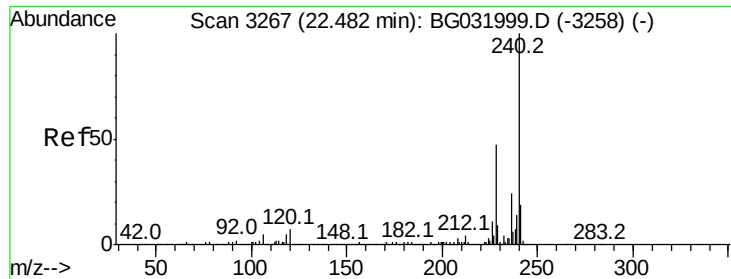
#66
4-Bromophenyl-phenylether
Concen: 5.744 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.43 min
Lab File: BG032291.D
Acq: 25 Jan 2018 10:47

Tgt Ion:248 Resp: 21946
Ion Ratio Lower Upper
248 100
250 204.4 77.1 115.7#
141 348.8 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: 22.42 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

Instrument :

BNA_G

ClientSampleId :

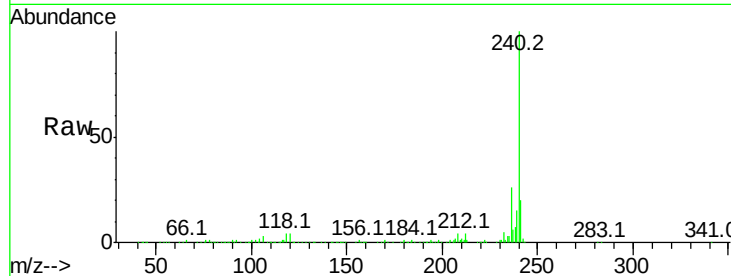
Tot Ion:240 Resp: 370563

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

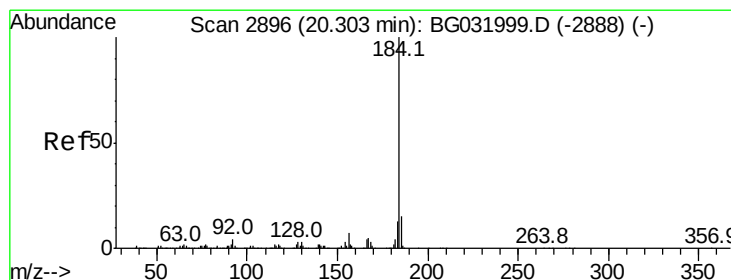
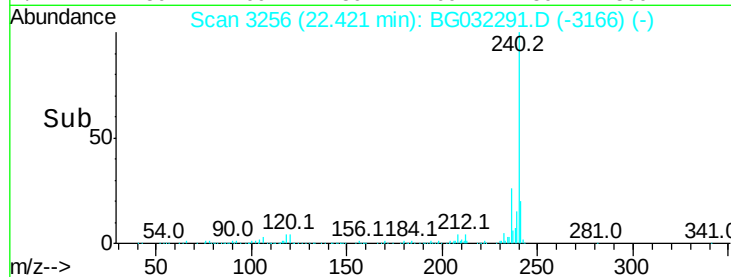
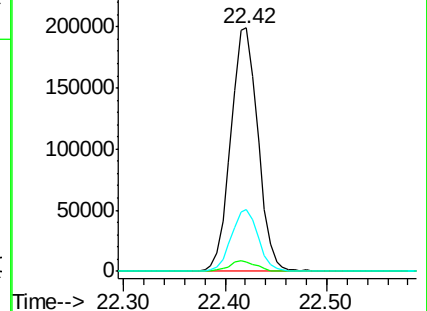
236 25.7 20.9 31.3



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: 2.629 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.37 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

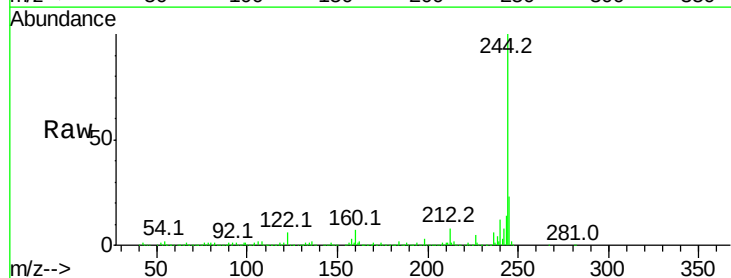
Tgt Ion:184 Resp: 24359

Ion Ratio Lower Upper

184 100

185 17.3 11.1 16.7#

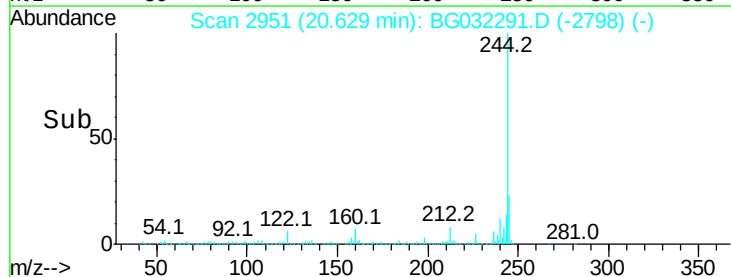
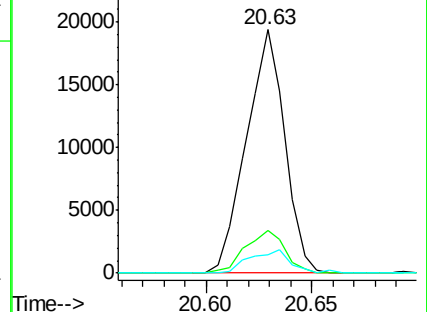
183 7.6 10.6 16.0#

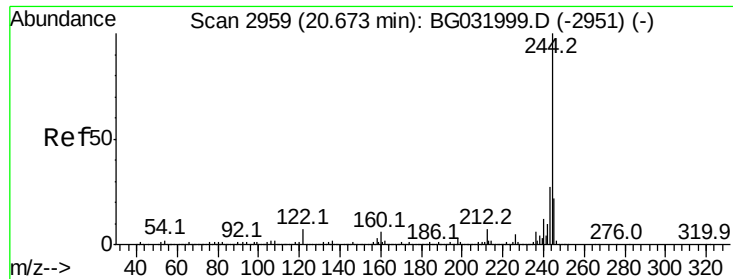


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 104.460 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

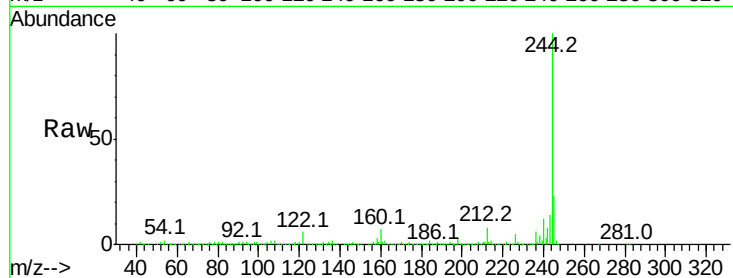
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1753093

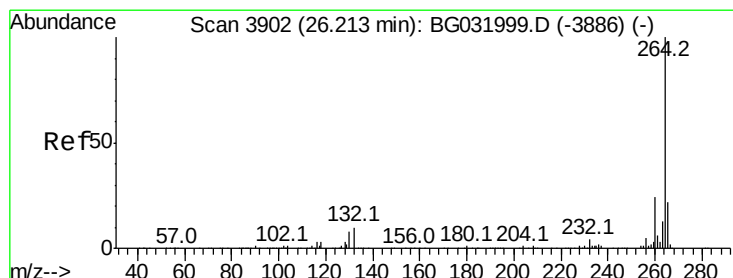
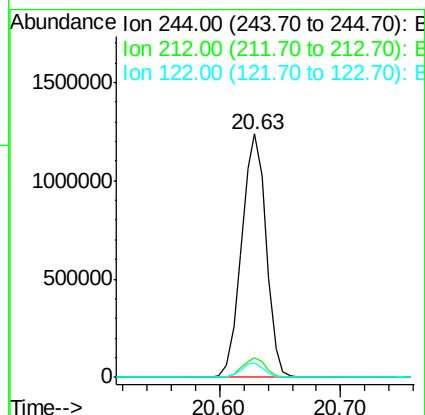
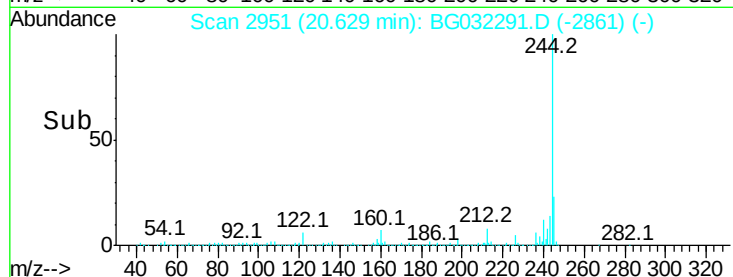
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	5.9	7.0	10.4



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: 26.10 min Scan# 3883

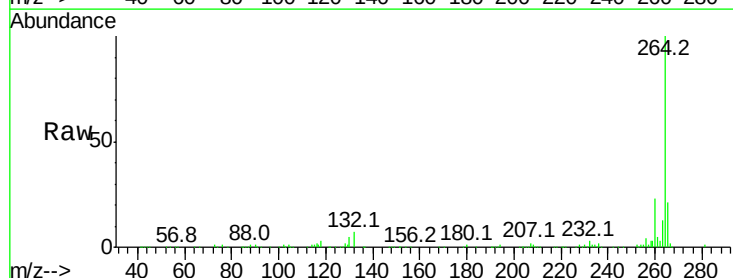
Delta R.T. -0.00 min

Lab File: BG032291.D

Acq: 25 Jan 2018 10:47

Tgt Ion:264 Resp: 385528

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	20.9	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

