

Data Path : U:\HPCHEM1\BNA G\DATA\BG011818\
 Data File : BG032145.D
 Acq On : 18 Jan 2018 20:47
 Operator : SJ/JU
 Sample : J1187-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 00:31:12 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

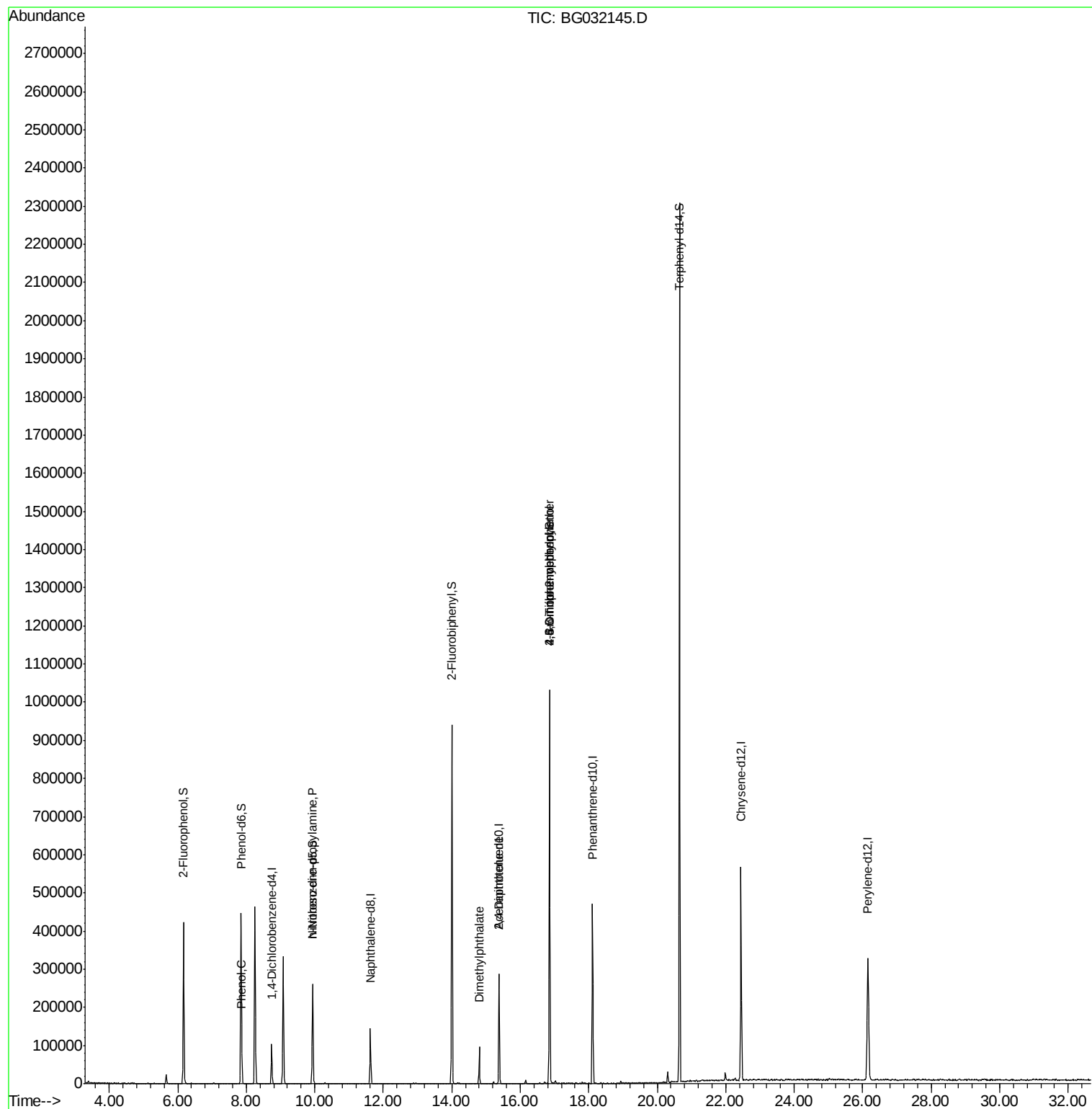
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	33943	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	144234	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	108797	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	317713	20.00	ng	0.00
75) Chrysene-d12	22.45	240	426914	20.00	ng	0.00
86) Perylene-d12	26.15	264	430342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	213652	115.12	ng	0.00
7) Phenol-d6	7.85	99	280776	120.12	ng	0.00
23) Nitrobenzene-d5	9.94	82	165207	77.49	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	225815	125.43	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	550531	62.74	ng	0.00
78) Terphenyl-d14	20.65	244	1218215	63.01	ng	0.00
Target Compounds						
10) Phenol	7.88	94	9464	4.110	ng	93
19) n-Nitroso-di-n-propylamine	9.94	70	22709	15.659	ng	# 74
49) Dimethylphthalate	14.80	163	71743	7.536	ng	98
56) 2,4-Dinitrotoluene	15.37	165	14428	5.423	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.85	198	566	5.134	ng	# 39
66) 4-Bromophenyl-phenylether	16.85	248	19674	4.352	ng	# 1

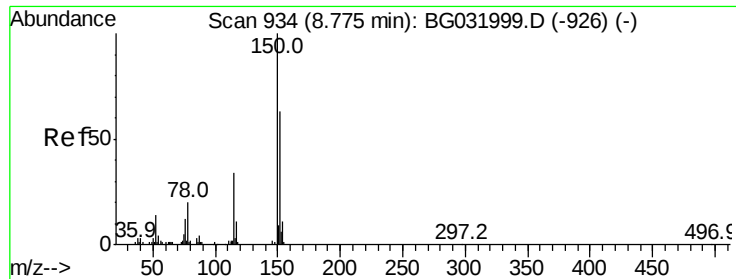
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG011818\
Data File : BG032145.D
Acq On : 18 Jan 2018 20:47
Operator : SJ/JU
Sample : J1187-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 19 00:31:12 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



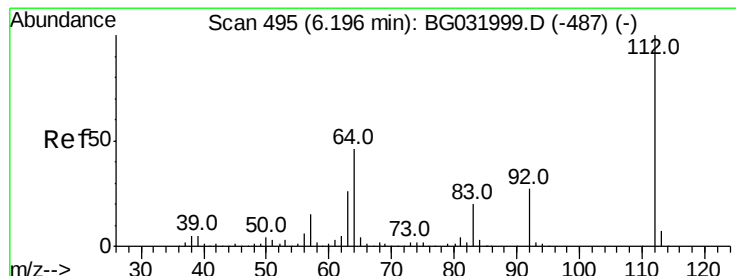
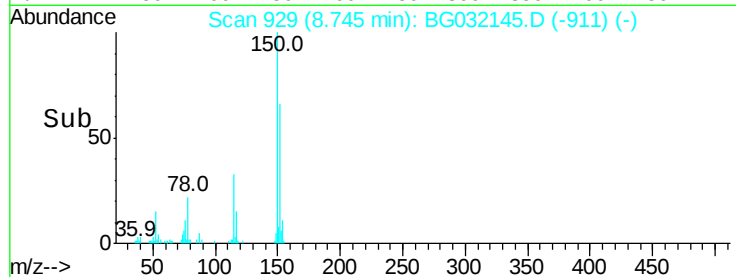
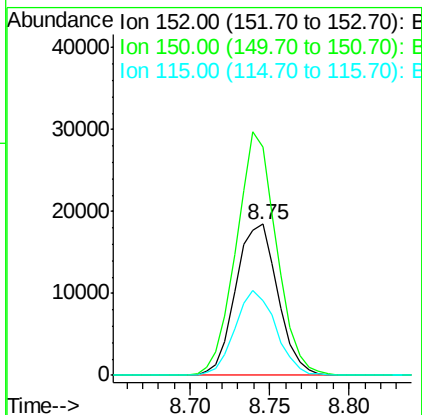
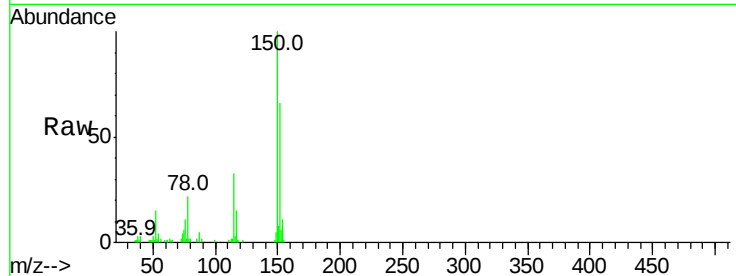


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.75 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG032145.D
Acq: 18 Jan 2018 20:47

Instrument :
BNA_G
ClientSampleId :

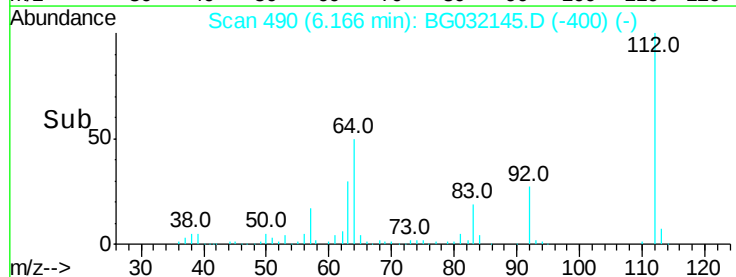
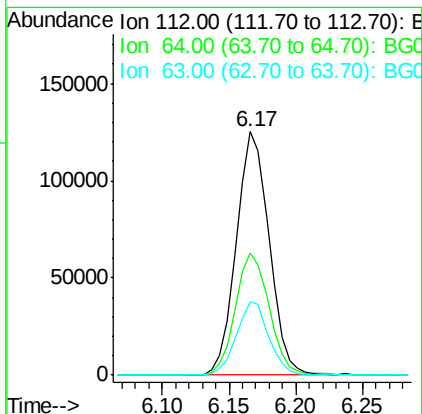
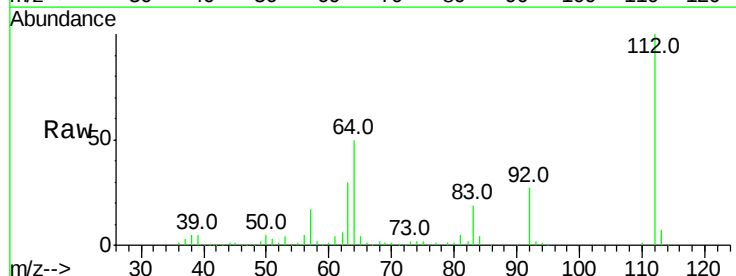
Tot Ion:152 Resp: 33943
Ion Ratio Lower Upper
152 100
150 151.5 126.6 189.8
115 49.8 53.0 79.4#

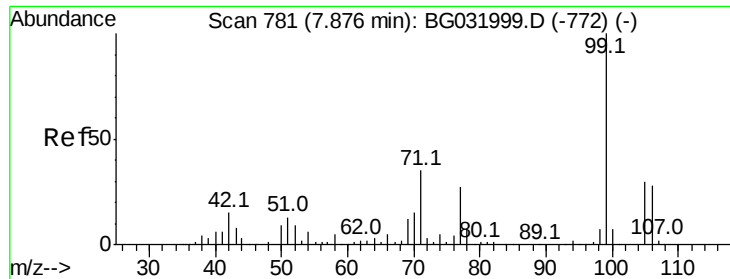


#5

2-Fluorophenol
Concen: 115.121 ng
RT: 6.17 min Scan# 490
Delta R.T. -0.00 min
Lab File: BG032145.D
Acq: 18 Jan 2018 20:47

Tgt Ion:112 Resp: 213652
Ion Ratio Lower Upper
112 100
64 49.9 56.3 84.5#
63 30.0 30.1 45.1#





#7

Phenol-d6

Concen: 120.124 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG032145.D

Acq: 18 Jan 2018 20:47

Instrument :

BNA_G

ClientSampleId :

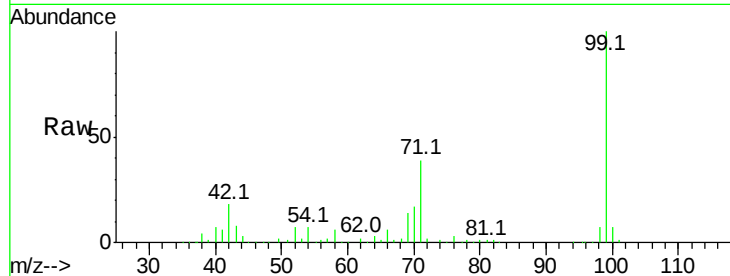
Tot Ion: 99 Resp: 280776

Ion Ratio Lower Upper

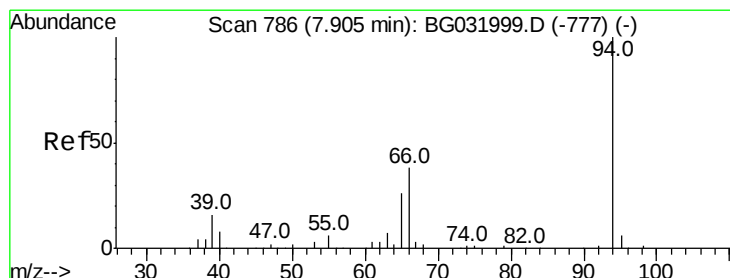
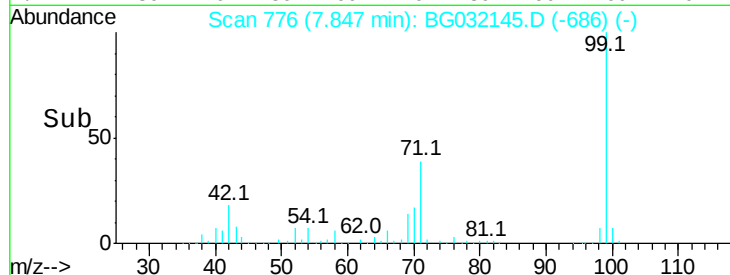
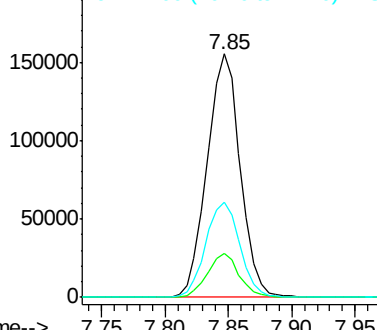
99 100

42 17.9 14.1 21.1

71 39.0 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: 4.110 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG032145.D

Acq: 18 Jan 2018 20:47

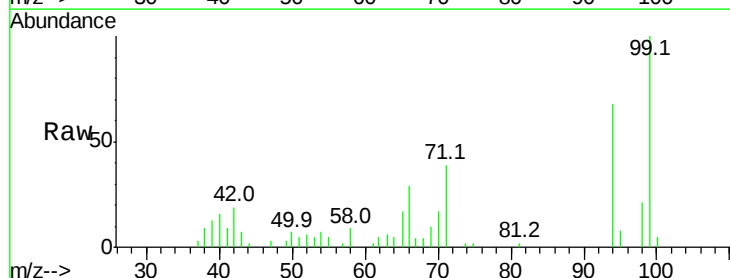
Tgt Ion: 94 Resp: 9464

Ion Ratio Lower Upper

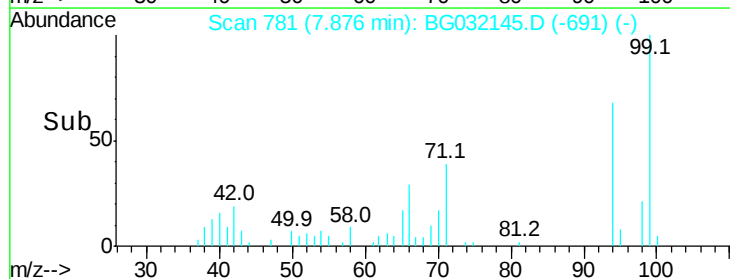
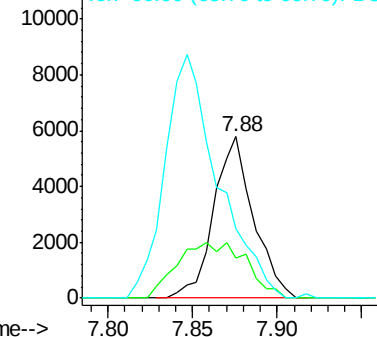
94 100

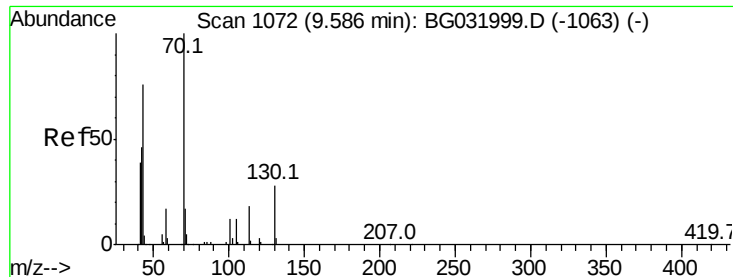
65 24.6 11.9 51.9

66 43.3 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

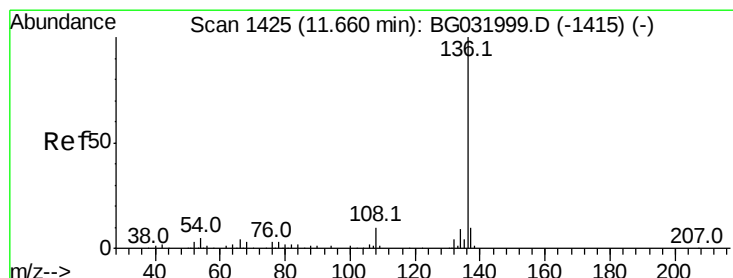
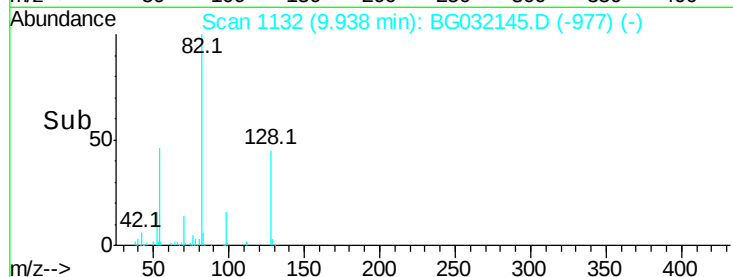
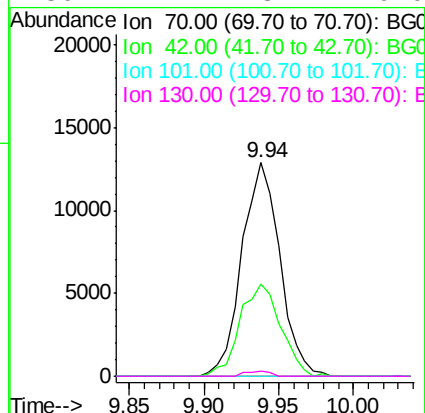
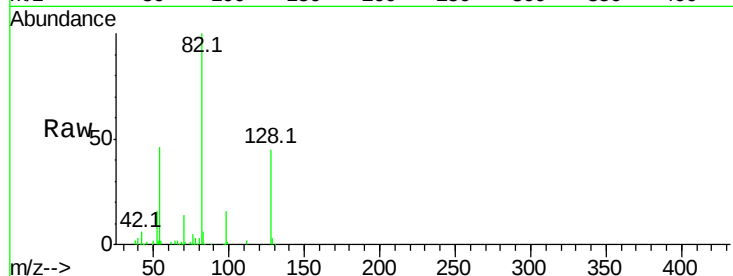




#19
n-Nitroso-di-n-propylamine
Concen: 15.659 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032145.D
Acq: 18 Jan 2018 20:47

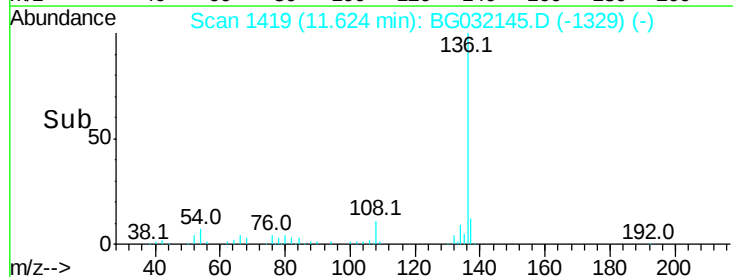
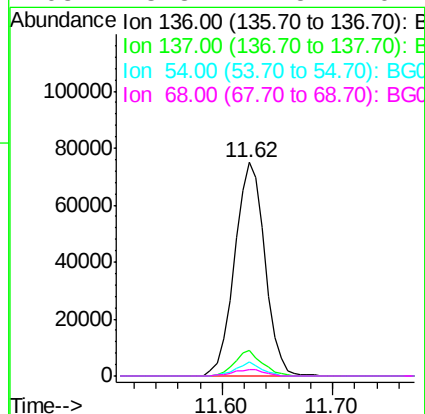
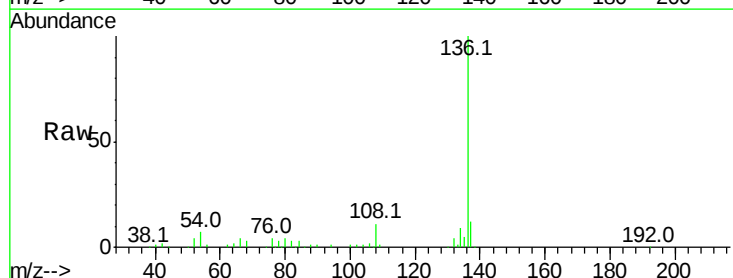
Instrument :
BNA_G
ClientSampleId :

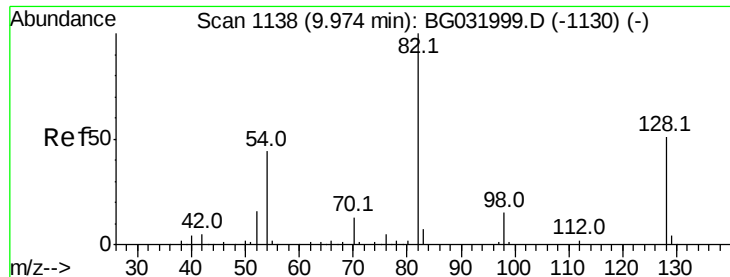
Tot Ion: 70 Resp: 22709
Ion Ratio Lower Upper
70 100
42 43.0 49.1 73.7#
101 0.0 8.5 12.7#
130 2.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032145.D
Acq: 18 Jan 2018 20:47

Tgt Ion: 136 Resp: 144234
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 6.5 10.3 15.5#
68 3.3 4.5 6.7#

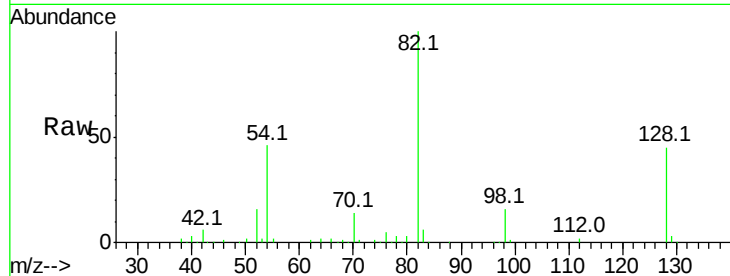




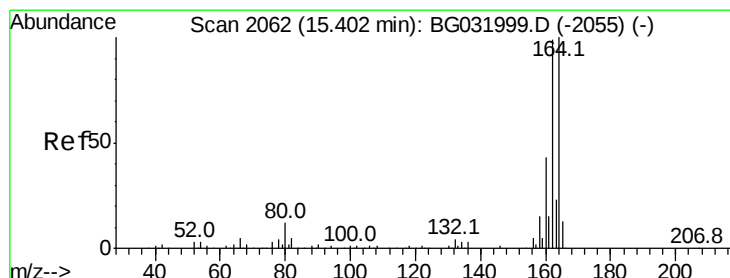
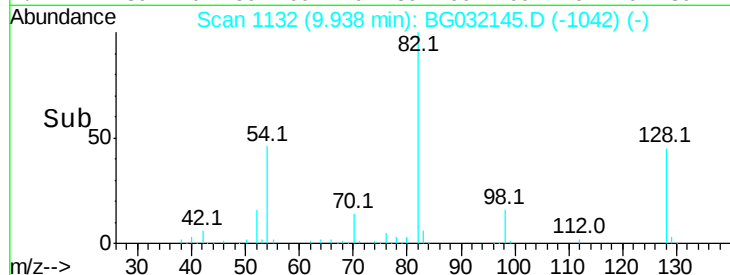
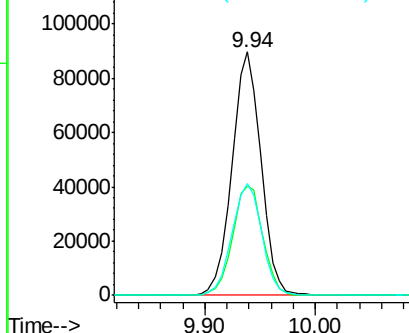
#23
Nitrobenzene-d5
Concen: 77.492 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032145.D
Acq: 18 Jan 2018 20:47

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 165207
Ion Ratio Lower Upper
82 100
128 44.8 29.7 44.5#
54 45.8 43.1 64.7

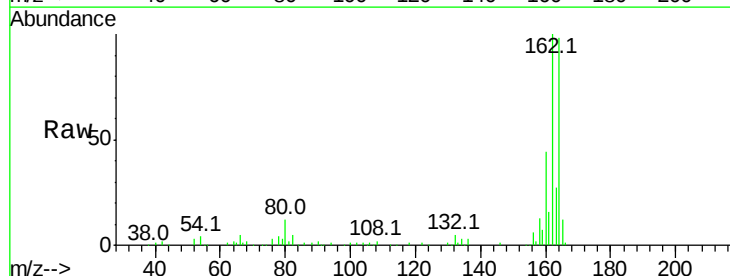


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

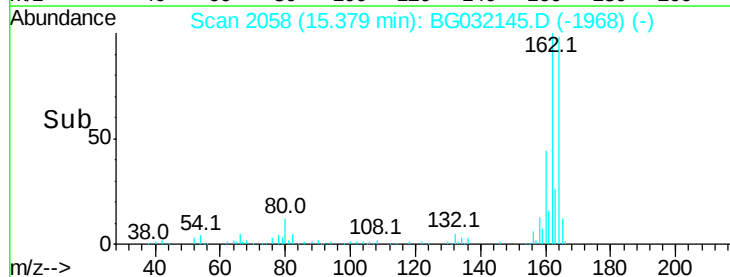
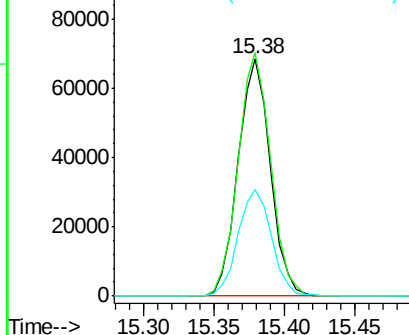


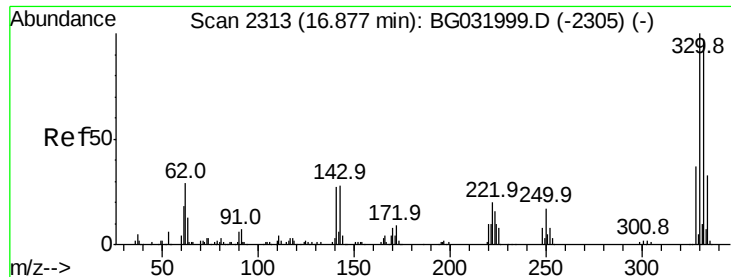
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG032145.D
Acq: 18 Jan 2018 20:47

Tgt Ion:164 Resp: 108797
Ion Ratio Lower Upper
164 100
162 102.5 78.8 118.2
160 45.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

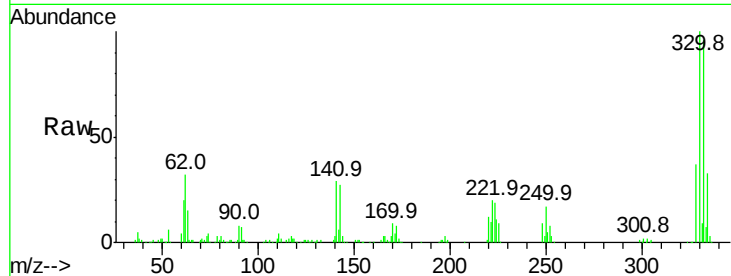




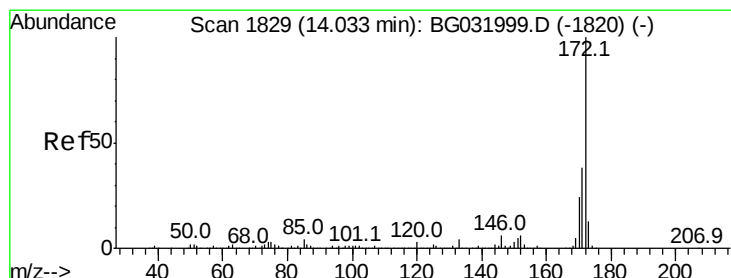
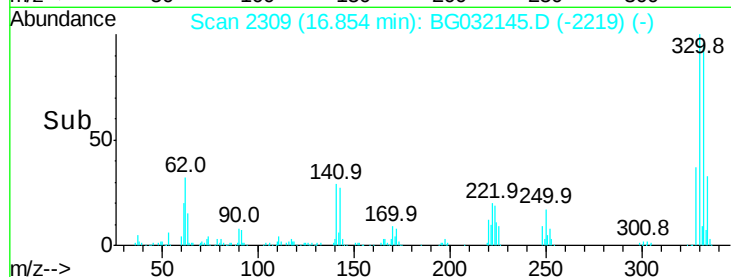
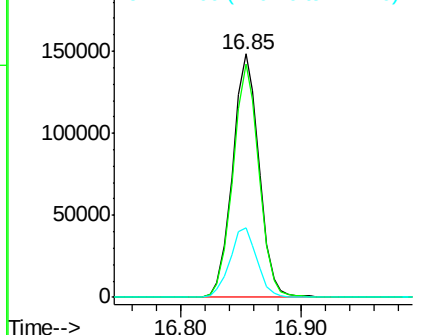
#41
 2,4,6-Tribromophenol
 Concen: 125.429 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG032145.D
 Acq: 18 Jan 2018 20:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	29.1	25.2	37.8

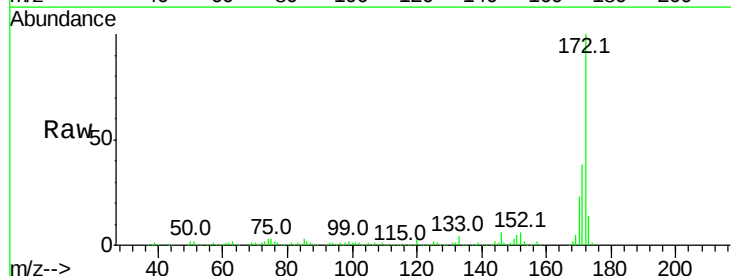


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

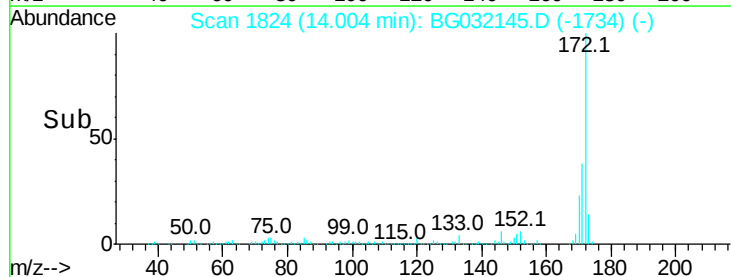
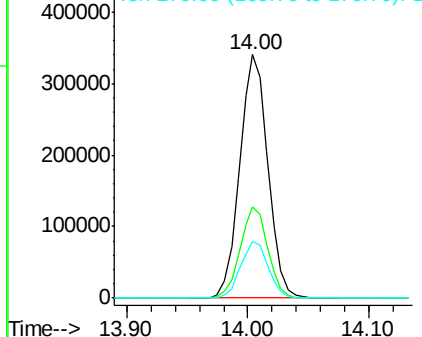


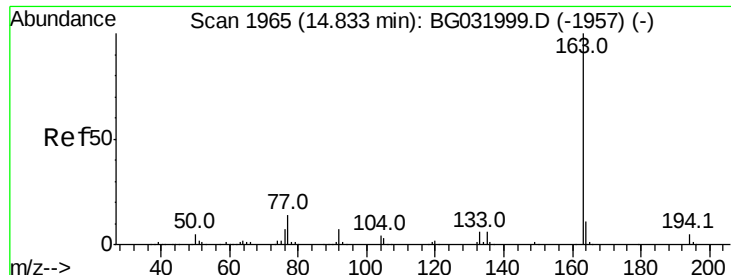
#44
 2-Fluorobiphenyl
 Concen: 62.744 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032145.D
 Acq: 18 Jan 2018 20:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.2	19.5	29.3



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

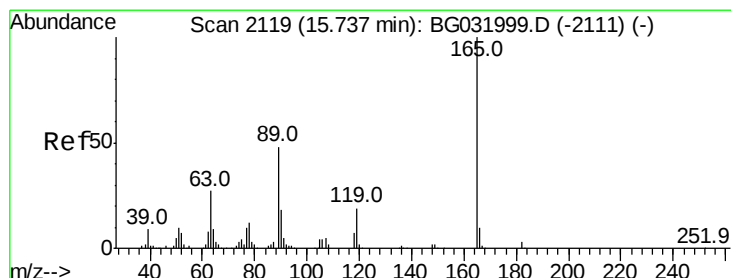
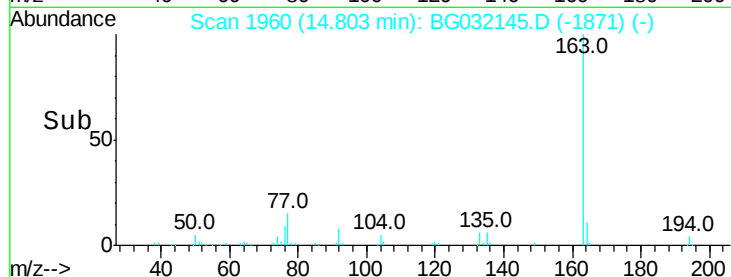
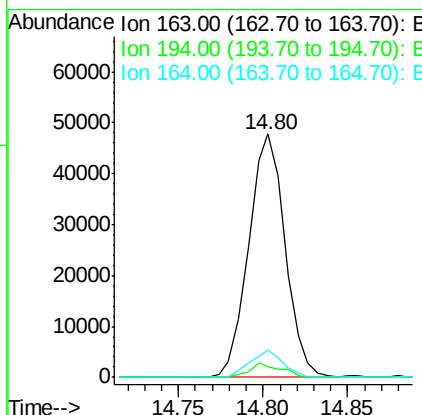
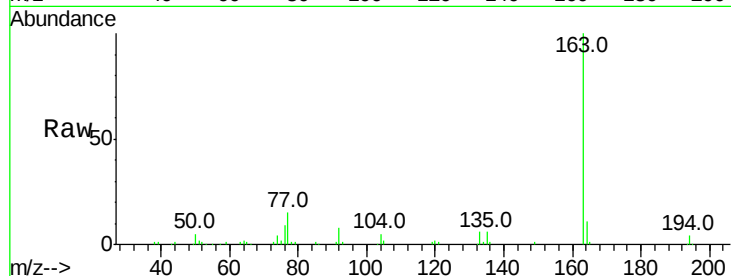




#49
Dimethylphthalate
Concen: 7.536 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG032145.D
Acq: 18 Jan 2018 20:47

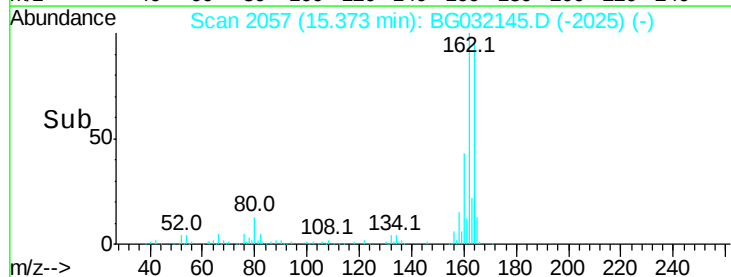
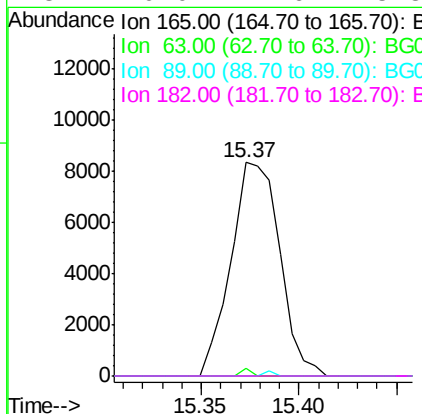
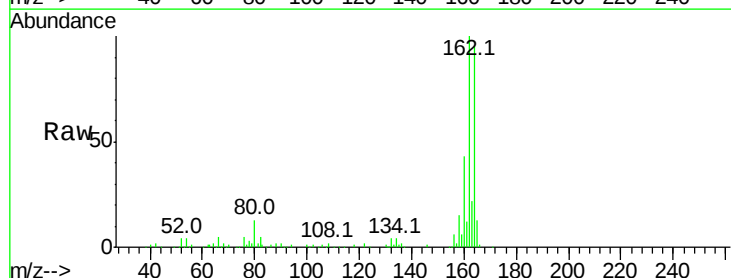
Instrument :
BNA_G
ClientSampleId :

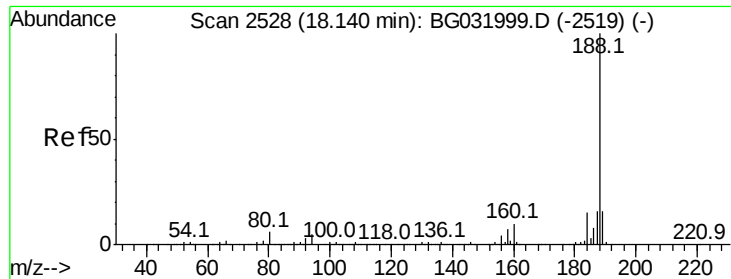
Tot Ion:163 Resp: 71743
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 11.2 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 5.423 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.34 min
Lab File: BG032145.D
Acq: 18 Jan 2018 20:47

Tgt Ion:165 Resp: 14428
Ion Ratio Lower Upper
165 100
63 3.9 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: BG032145.D

Acq: 18 Jan 2018 20:47

Instrument :

BNA_G

ClientSampleId :

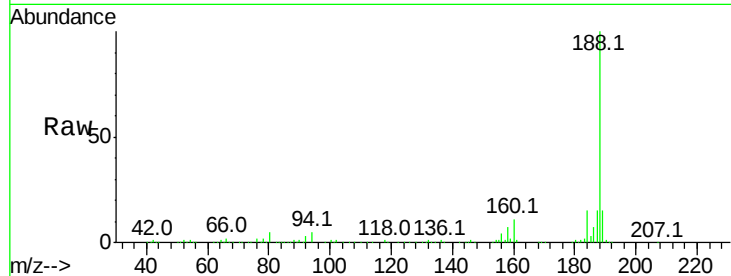
Tot Ion:188 Resp: 317713

Ion Ratio Lower Upper

188 100

94 5.0 6.9 10.3#

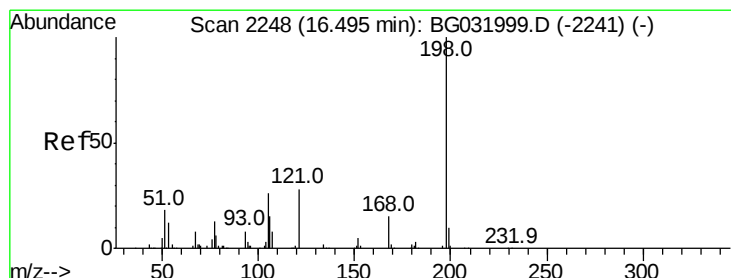
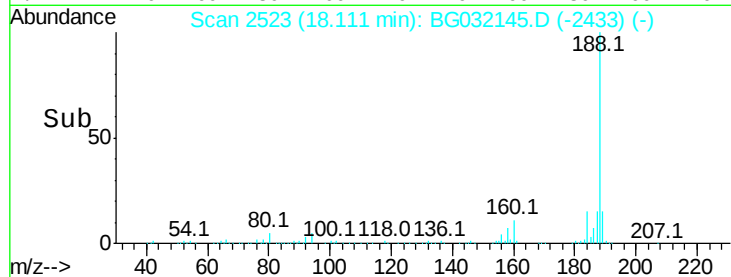
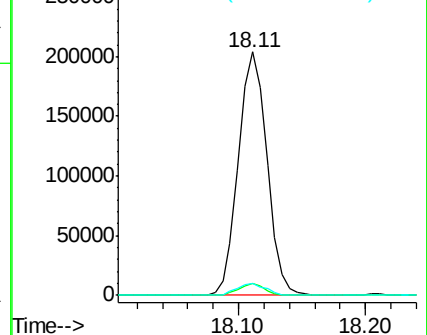
80 4.7 7.7 11.5#



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: 5.134 ng

RT: 16.85 min Scan# 2308

Delta R.T. 0.37 min

Lab File: BG032145.D

Acq: 18 Jan 2018 20:47

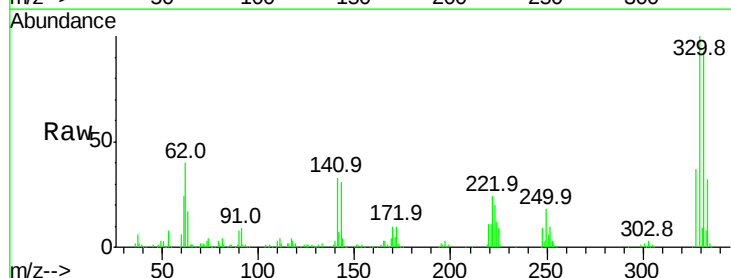
Tgt Ion:198 Resp: 566

Ion Ratio Lower Upper

198 100

51 88.1 30.6 70.6#

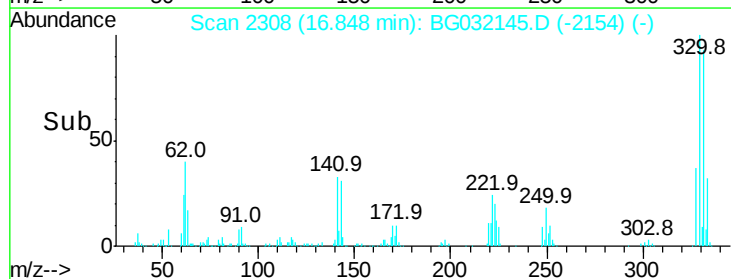
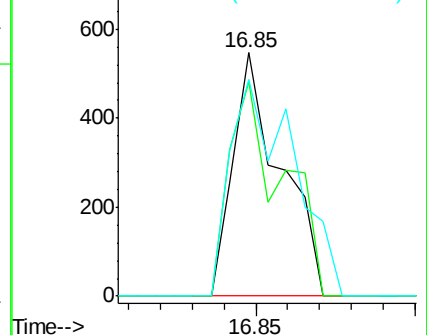
105 88.8 23.8 63.8#

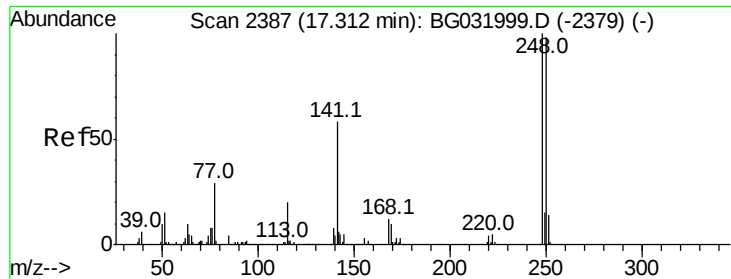


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

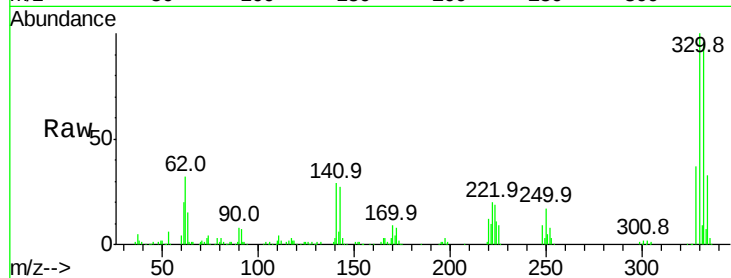




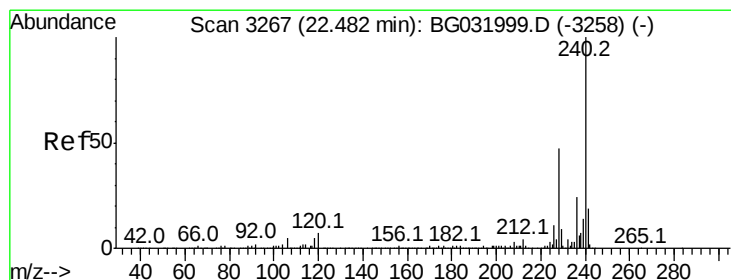
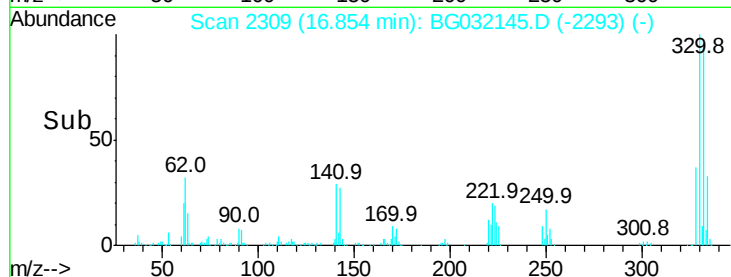
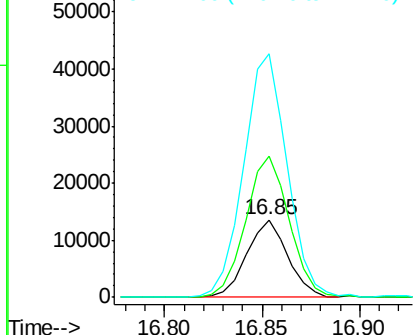
#66
4-Bromophenyl-phenylether
Concen: 4.352 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.44 min
Lab File: BG032145.D
Acq: 18 Jan 2018 20:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 19674
Ion Ratio Lower Upper
248 100
250 183.0 77.1 115.7#
141 314.6 50.8 76.2#

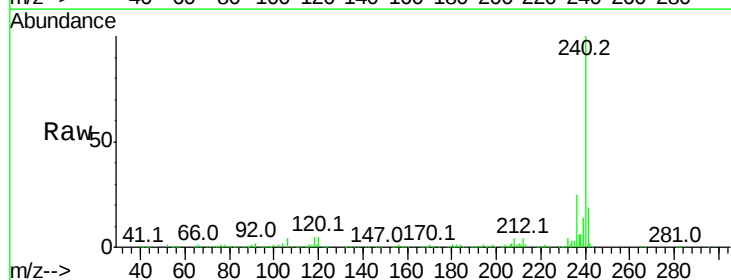


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

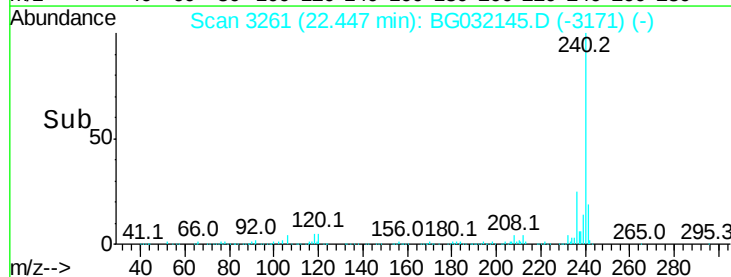
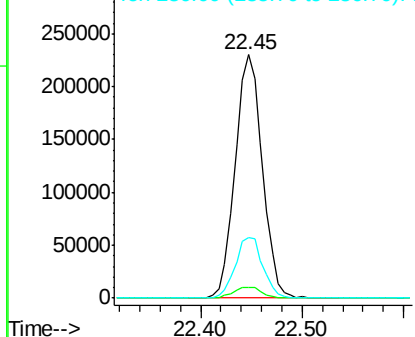


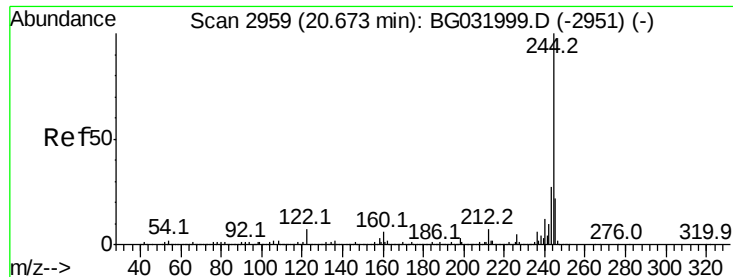
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BG032145.D
Acq: 18 Jan 2018 20:47

Tgt Ion:240 Resp: 426914
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 25.1 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: 63.007 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032145.D

Acq: 18 Jan 2018 20:47

Instrument :

BNA_G

ClientSampleId :

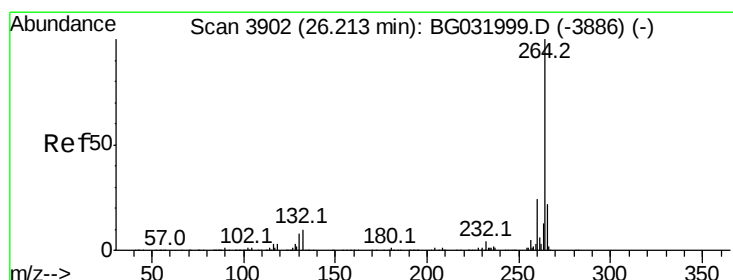
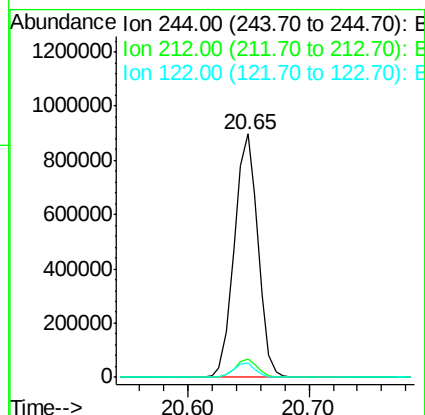
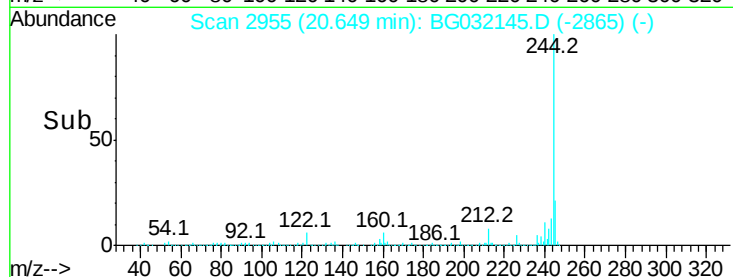
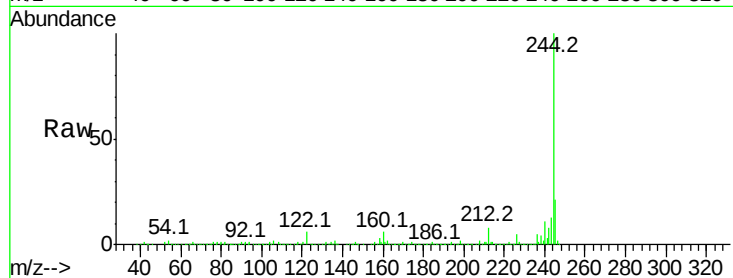
Tot Ion:244 Resp: 1218215

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 5.8 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.15 min Scan# 3891

Delta R.T. -0.00 min

Lab File: BG032145.D

Acq: 18 Jan 2018 20:47

Tgt Ion:264 Resp: 430342

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 22.3 17.7 26.5

