

Data Path : U:\HPCHEM1\BNA G\DATA\BG011618\
 Data File : BG032084.D
 Acq On : 17 Jan 2018 00:15
 Operator : SJ/JU
 Sample : J1122-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 17 02:33:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

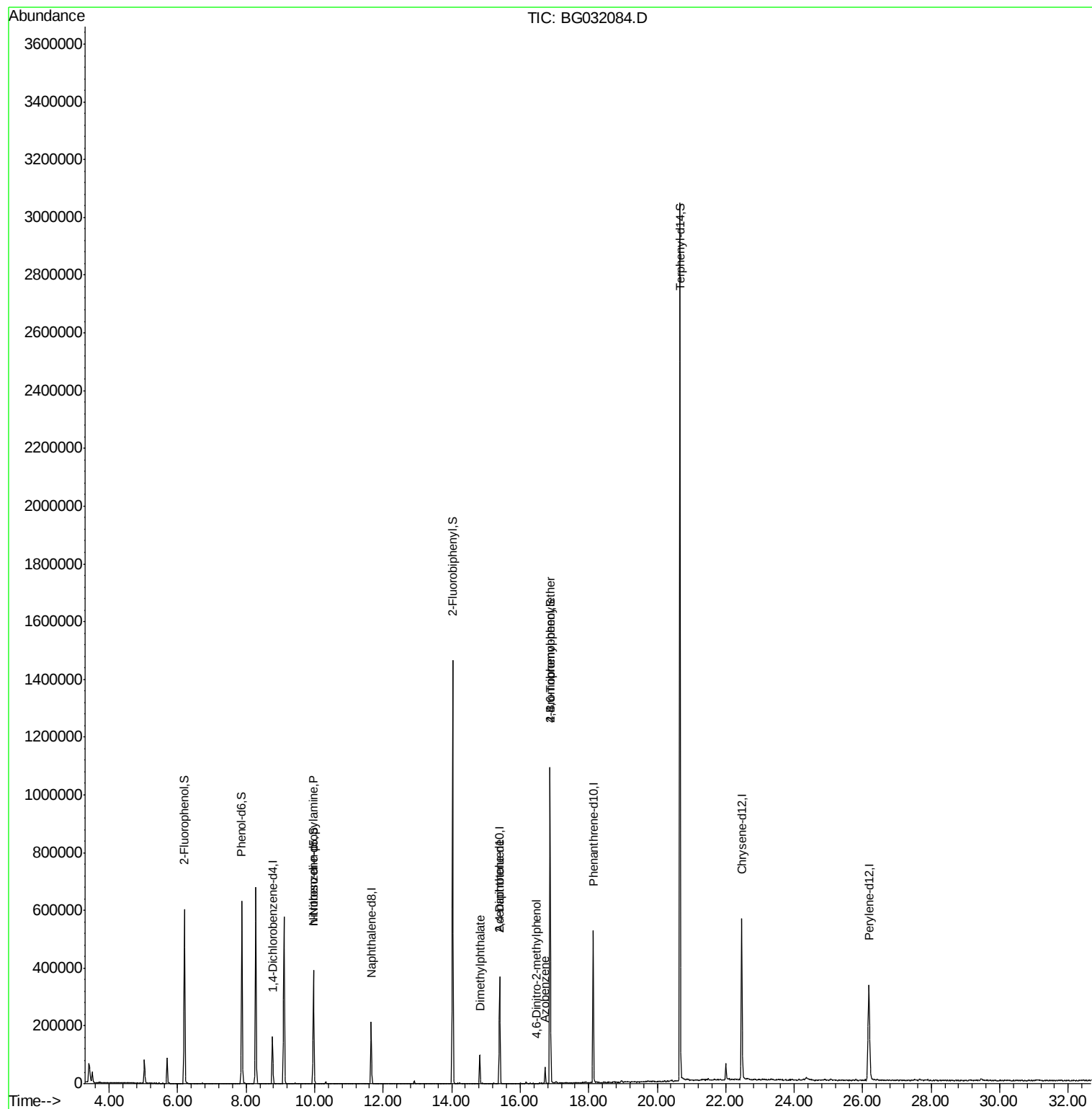
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	55060	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	212356	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	142781	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	367723	20.00	ng	0.00
75) Chrysene-d12	22.46	240	449231	20.00	ng	-0.02
86) Perylene-d12	26.18	264	468923	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	316827	105.24	ng	0.00
7) Phenol-d6	7.87	99	413342	109.02	ng	0.00
23) Nitrobenzene-d5	9.96	82	251654	80.17	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	257704	109.07	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	884327	76.80	ng	0.00
78) Terphenyl-d14	20.66	244	1629239	80.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.96	70	34309	14.584	ng	# 70
49) Dimethylphthalate	14.82	163	77920	6.236	ng	# 98
56) 2,4-Dinitrotoluene	15.40	165	17886	5.123	ng	# 17
62) Azobenzene	16.73	77	15503	2.045	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.48	198	76	4.913	ng	# 29
66) 4-Bromophenyl-phenylether	16.87	248	21302	4.071	ng	# 1

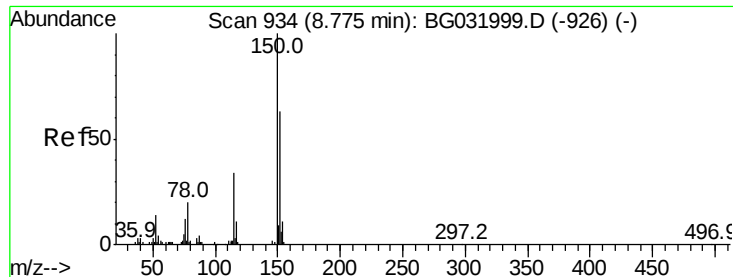
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG011618\
Data File : BG032084.D
Acq On : 17 Jan 2018 00:15
Operator : SJ/JU
Sample : J1122-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 17 02:33:12 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration



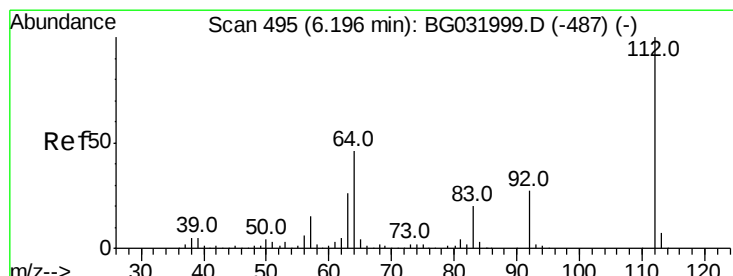
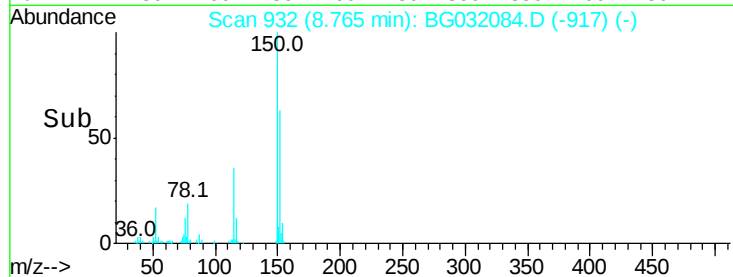
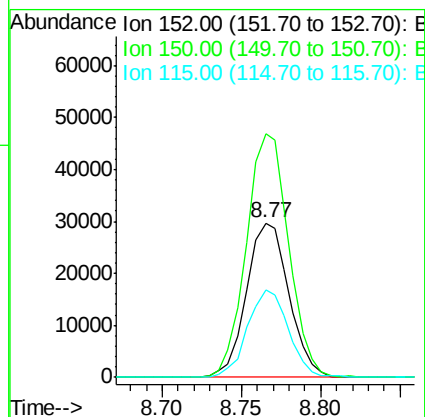
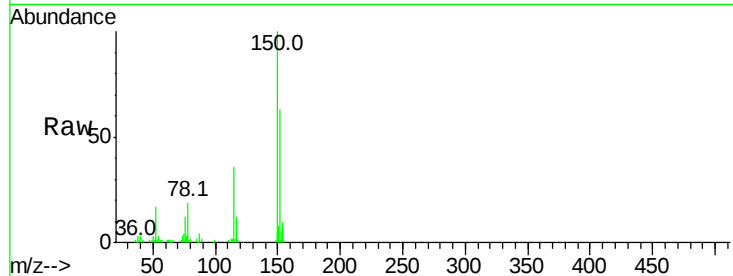


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032084.D
Acq: 17 Jan 2018 00:15

Instrument :
BNA_G
ClientSampleId :

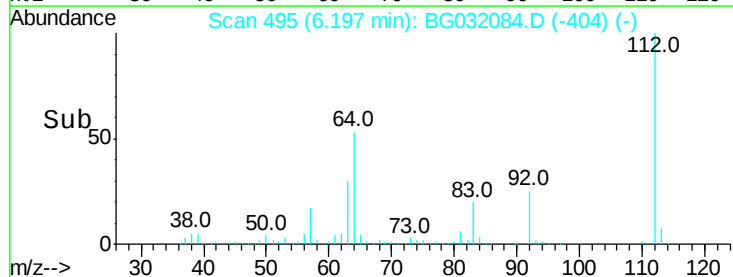
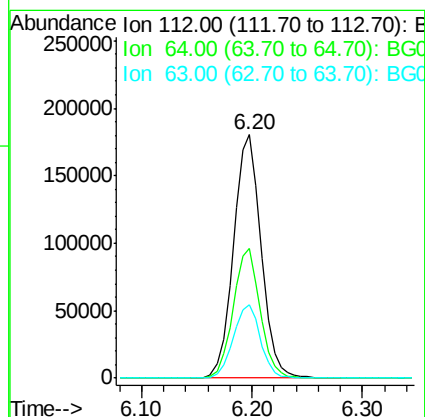
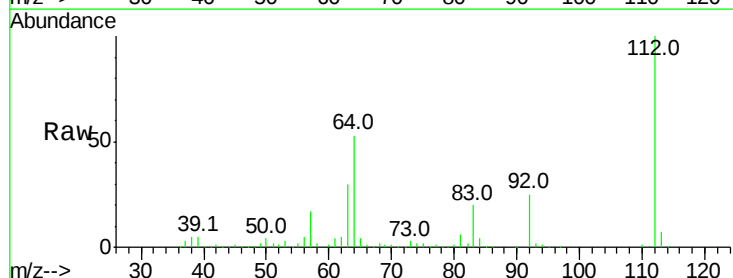
Tot Ion:152 Resp: 55060
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 56.4 53.0 79.4

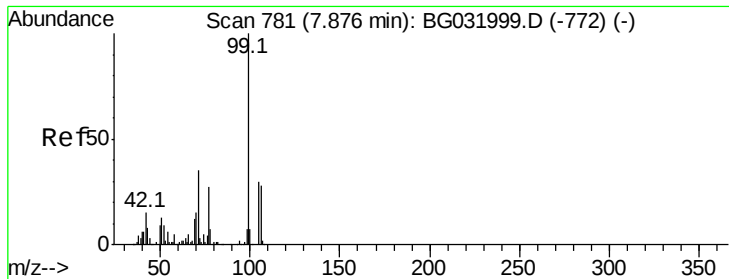


#5

2-Fluorophenol
Concen: 105.241 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032084.D
Acq: 17 Jan 2018 00:15

Tgt Ion:112 Resp: 316827
Ion Ratio Lower Upper
112 100
64 53.1 56.3 84.5#
63 30.2 30.1 45.1





#7

Phenol-d6

Concen: 109.017 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032084.D

Acq: 17 Jan 2018 00:15

Instrument :

BNA_G

ClientSampleId :

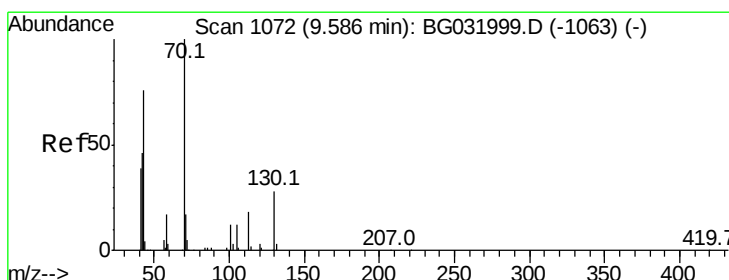
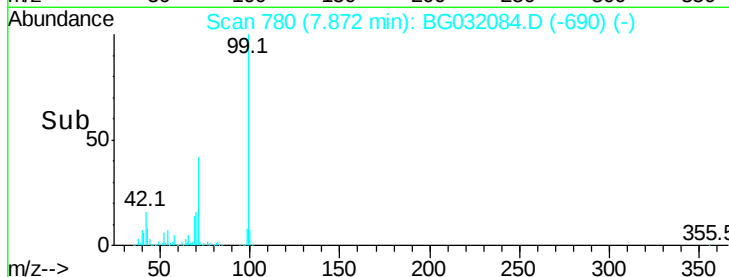
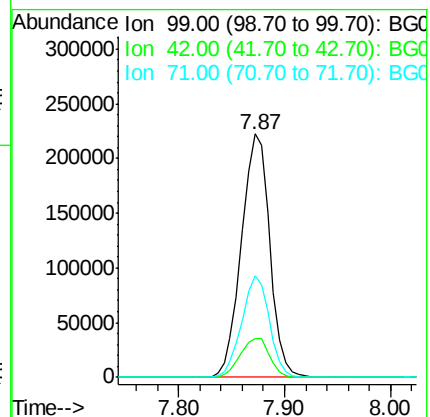
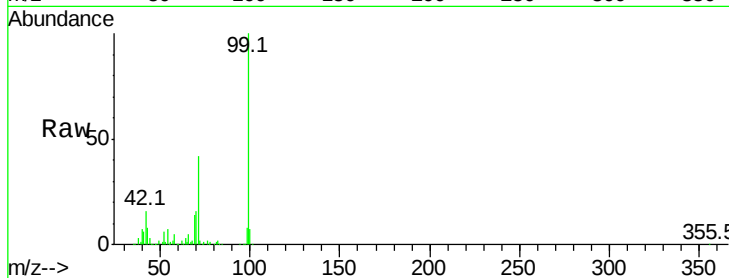
Tot Ion: 99 Resp: 413342

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 41.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.584 ng

RT: 9.96 min Scan# 1136

Delta R.T. 0.38 min

Lab File: BG032084.D

Acq: 17 Jan 2018 00:15

Tgt Ion: 70 Resp: 34309

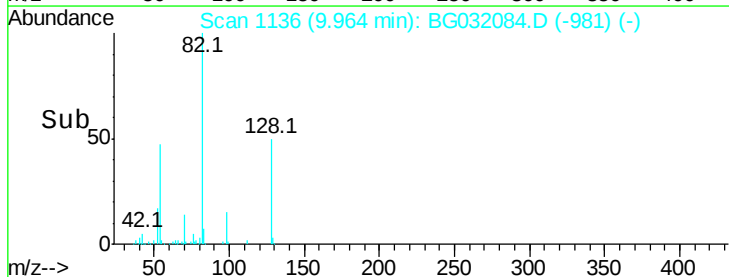
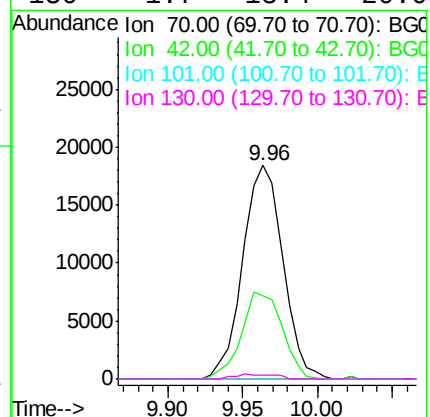
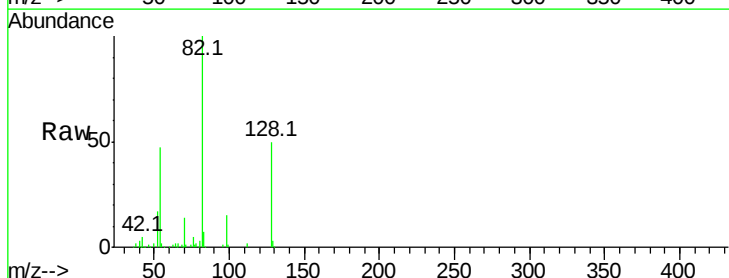
Ion Ratio Lower Upper

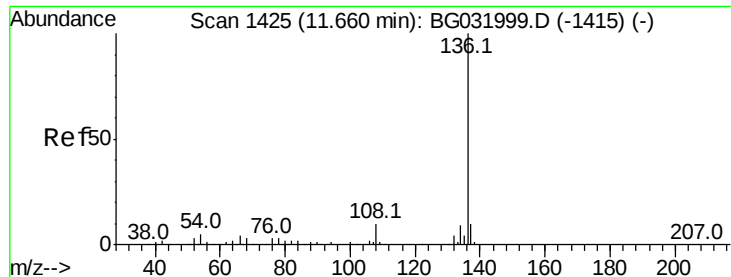
70 100

42 38.8 49.1 73.7#

101 0.0 8.5 12.7#

130 1.7 13.4 20.0#

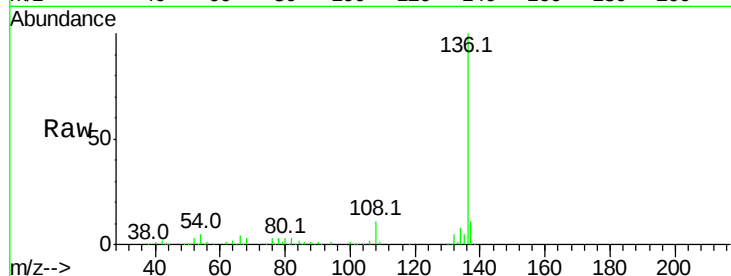




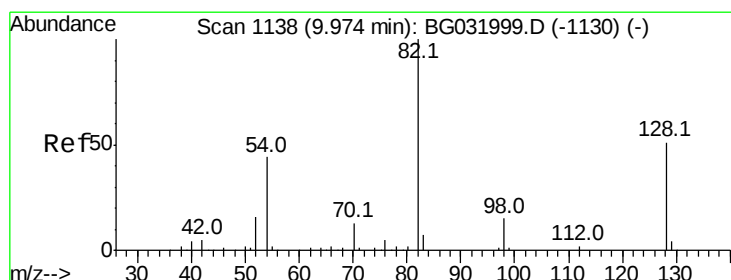
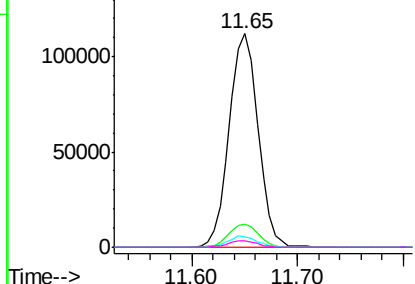
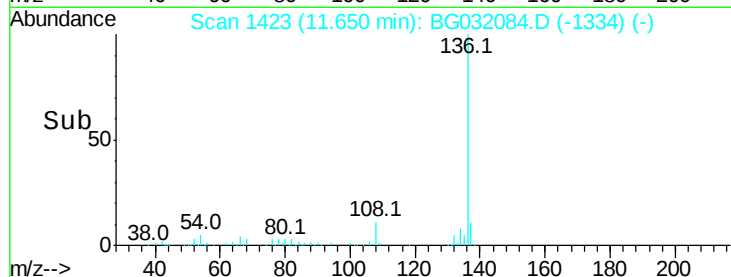
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032084.D
Acq: 17 Jan 2018 00:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	212356
Ion Ratio	Lower	Upper
136 100		
137 10.6	9.2	13.8
54 4.9	10.3	15.5#
68 2.9	4.5	6.7#

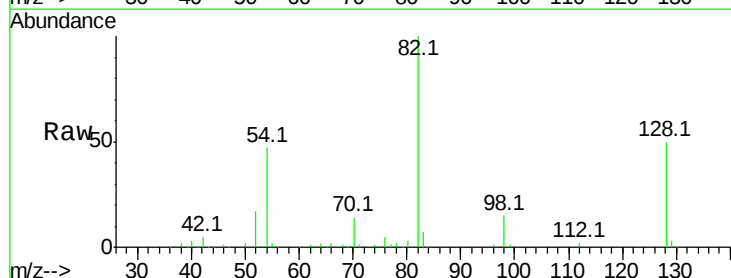


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

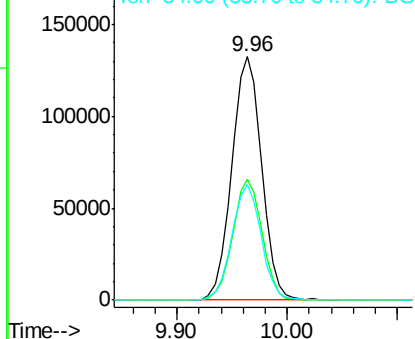
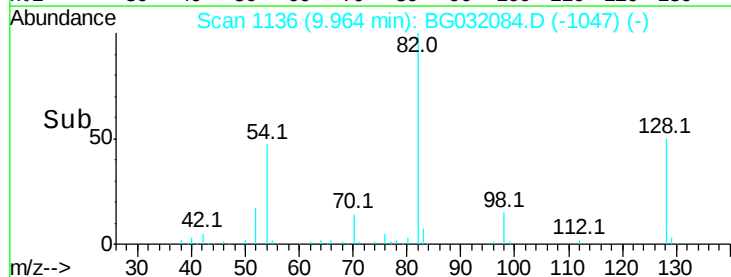


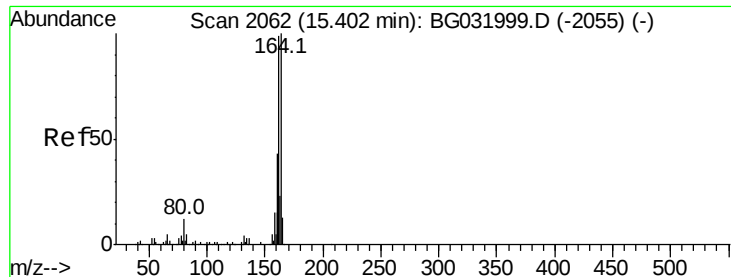
#23
Nitrobenzene-d5
Concen: 80.174 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032084.D
Acq: 17 Jan 2018 00:15

Tgt Ion: 82	Resp: 251654
Ion Ratio	Lower Upper
82 100	
128 49.8	29.7 44.5#
54 47.3	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: 15.40 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BG032084.D

Acq: 17 Jan 2018 00:15

Instrument :

BNA_G

ClientSampleId :

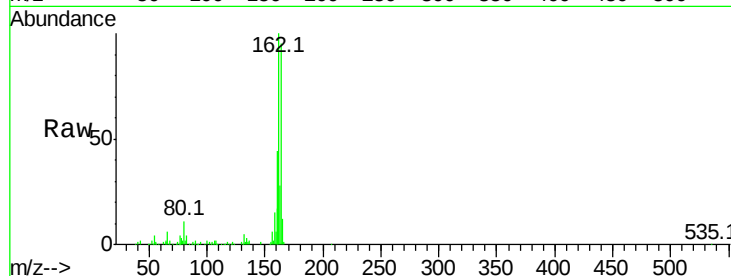
Tot Ion:164 Resp: 142781

Ion Ratio Lower Upper

164 100

162 105.4 78.8 118.2

160 46.1 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

120000

100000

80000

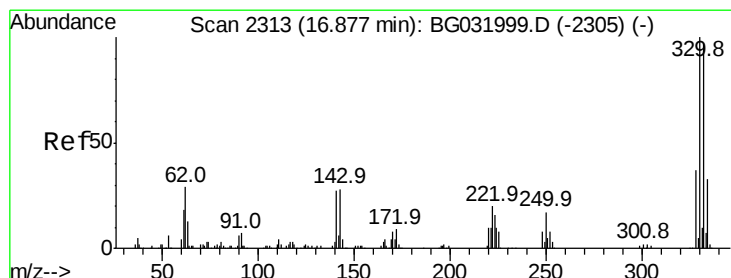
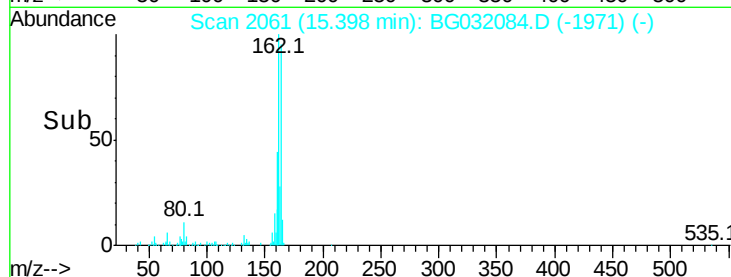
60000

40000

20000

0

Time--> 15.30 15.40



#41

2,4,6-Tribromophenol

Concen: 109.072 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG032084.D

Acq: 17 Jan 2018 00:15

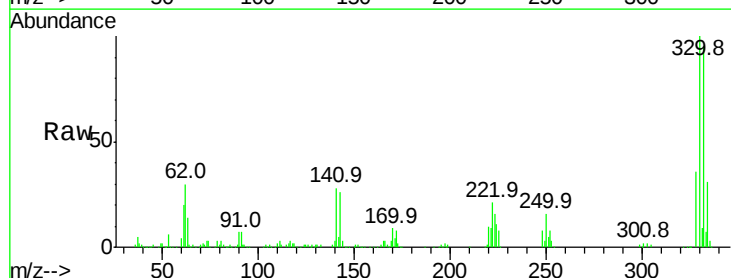
Tgt Ion:330 Resp: 257704

Ion Ratio Lower Upper

330 100

332 95.3 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

200000

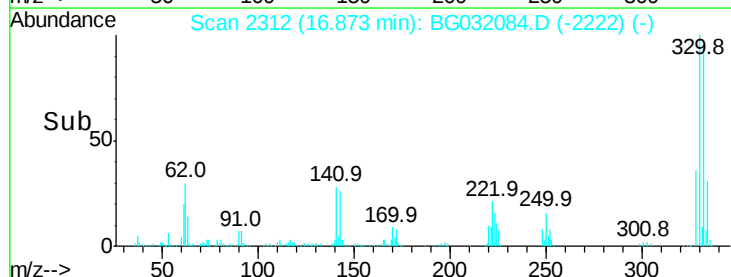
150000

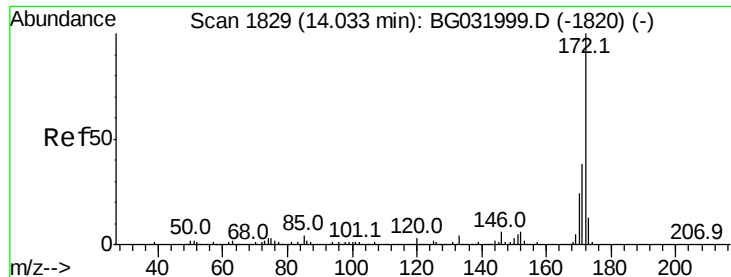
100000

50000

0

Time--> 16.80 16.90 17.00

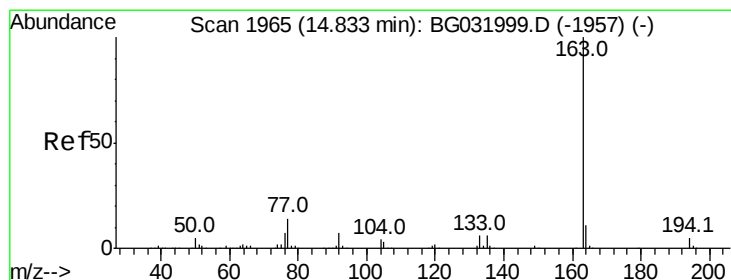
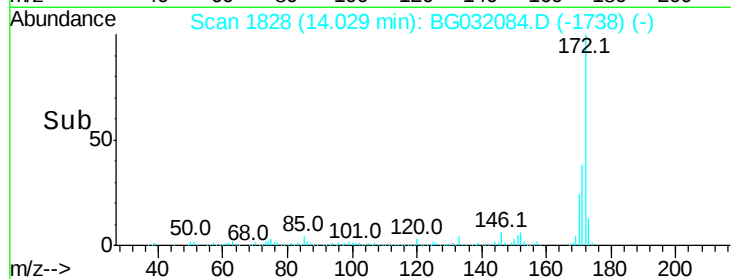
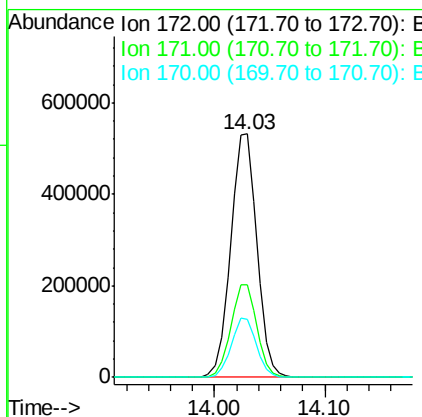
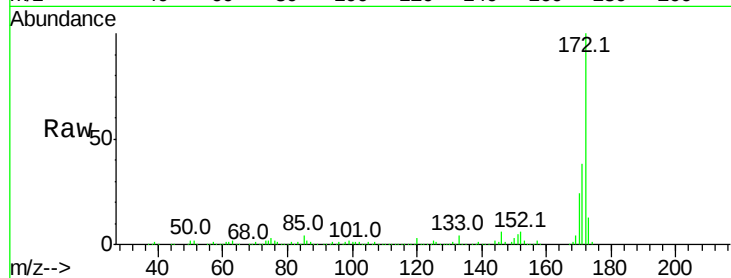




#44
2-Fluorobiphenyl
Concen: 76.797 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG032084.D
Acq: 17 Jan 2018 00:15

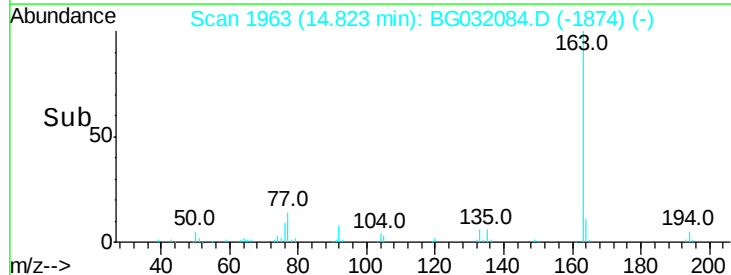
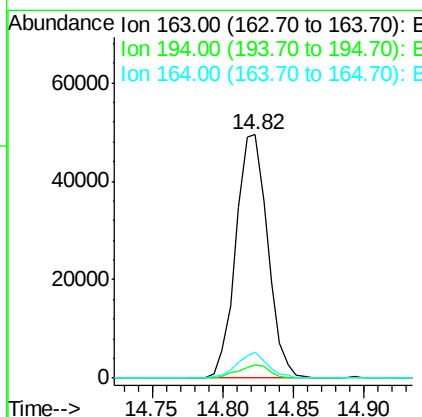
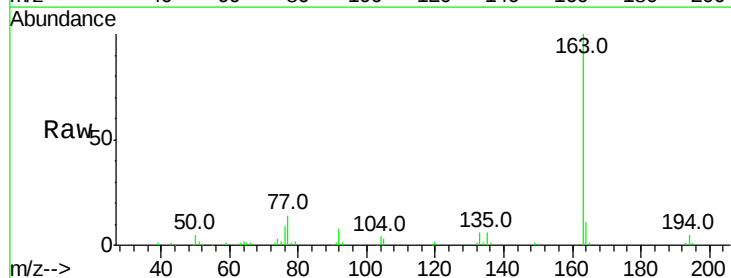
Instrument :
BNA_G
ClientSampleId :

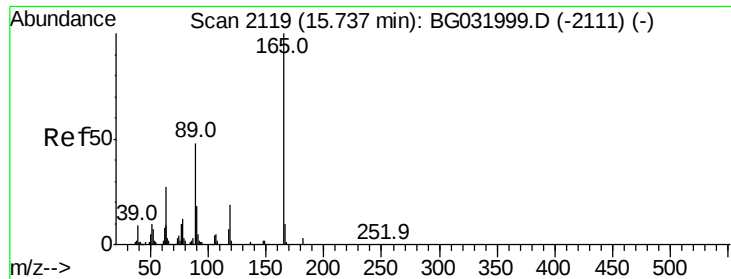
Tot Ion:172 Resp: 884327
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 23.7 19.5 29.3



#49
Dimethylphthalate
Concen: 6.236 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032084.D
Acq: 17 Jan 2018 00:15

Tgt Ion:163 Resp: 77920
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 10.9 8.2 12.4

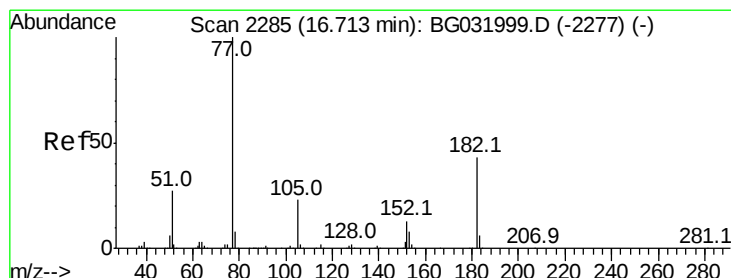
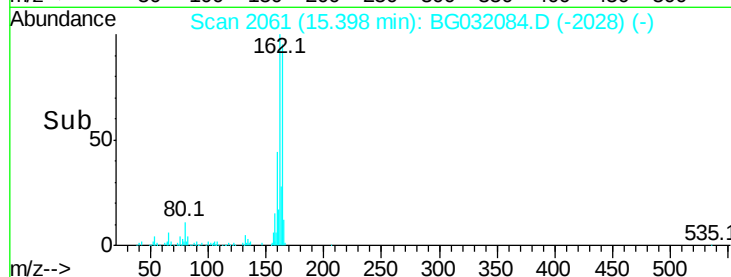
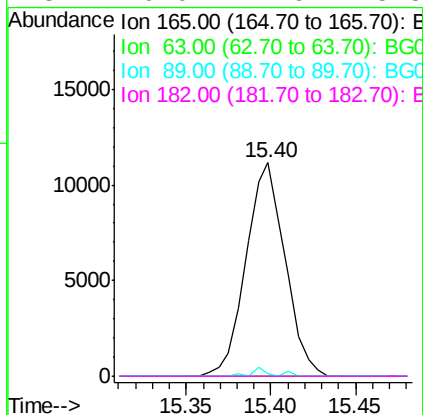
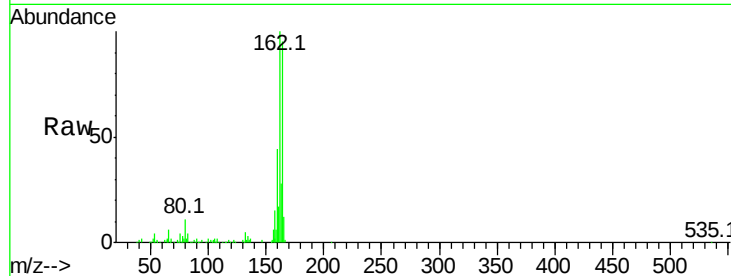




#56
2,4-Dinitrotoluene
Concen: 5.123 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.34 min
Lab File: BG032084.D
Acq: 17 Jan 2018 00:15

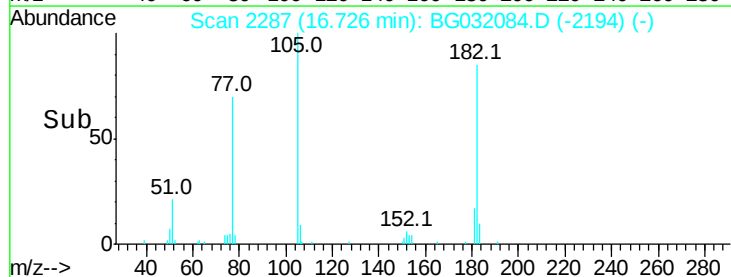
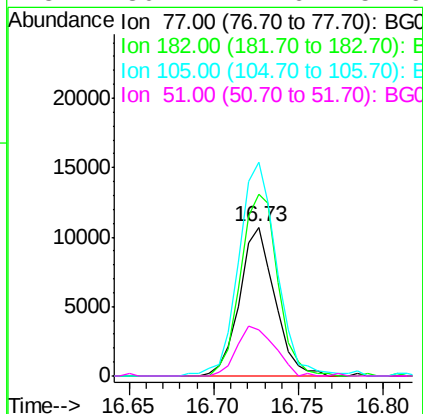
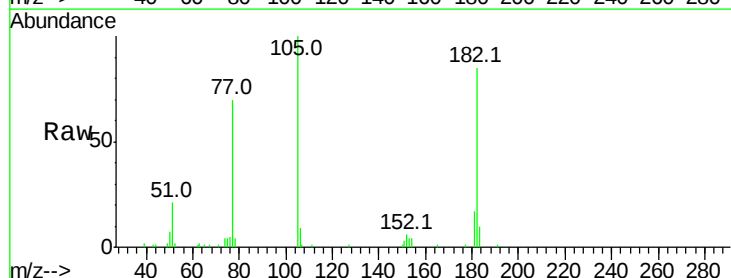
Instrument :
BNA_G
ClientSampleId :

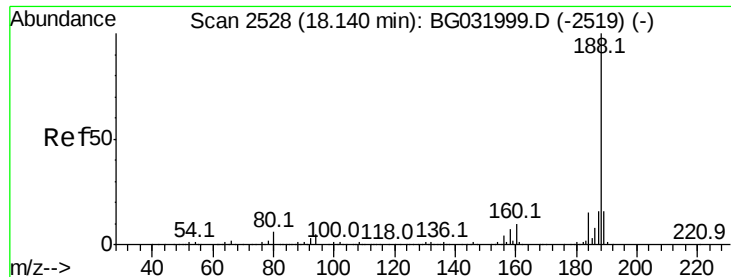
Tot Ion:165 Resp: 17886
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.4 66.9 100.3#
182 0.0 2.6 3.8#



#62
Azobenzene
Concen: 2.045 ng
RT: 16.73 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BG032084.D
Acq: 17 Jan 2018 00:15

Tgt Ion: 77 Resp: 15503
Ion Ratio Lower Upper
77 100
182 121.8 7.4 47.4#
105 143.3 0.3 40.3#
51 30.7 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.13 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG032084.D

Acq: 17 Jan 2018 00:15

Instrument :

BNA_G

ClientSampleId :

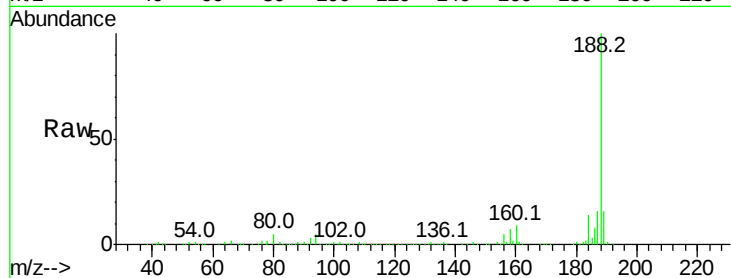
Tot Ion:188 Resp: 367723

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

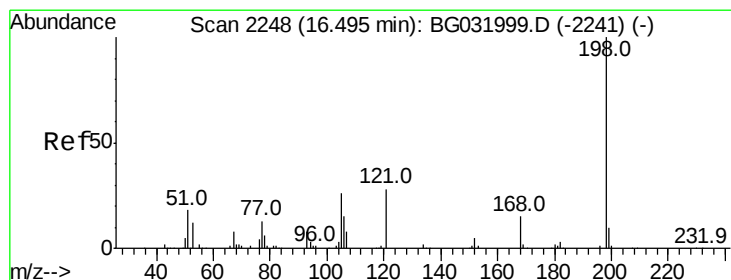
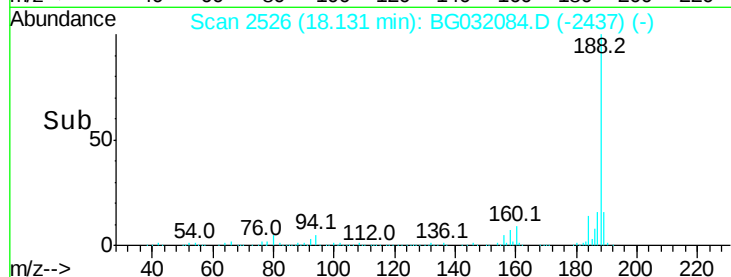
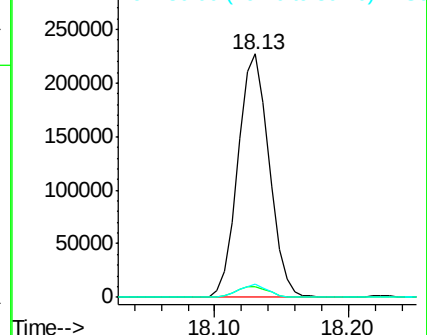
80 5.2 7.7 11.5#



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: 4.913 ng

RT: 16.48 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG032084.D

Acq: 17 Jan 2018 00:15

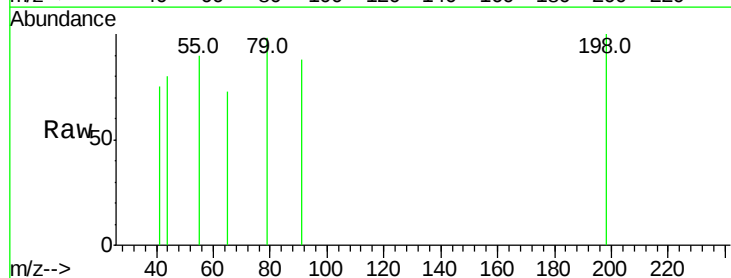
Tgt Ion:198 Resp: 76

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

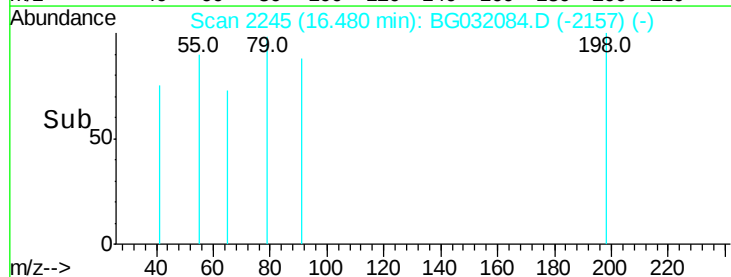
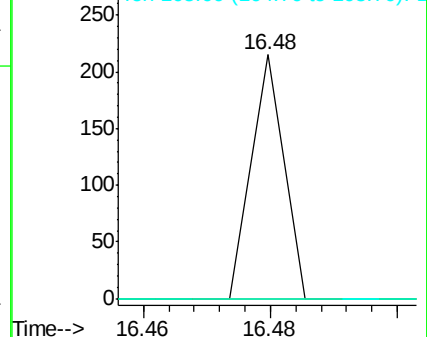
105 0.0 23.8 63.8#

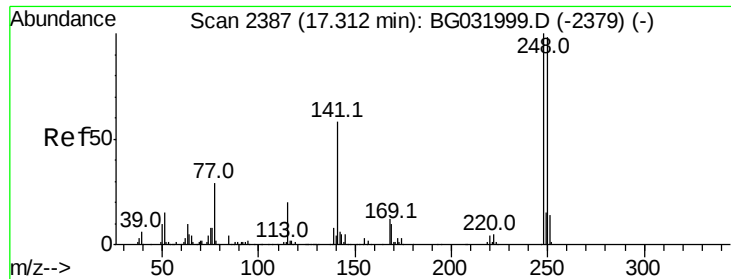


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

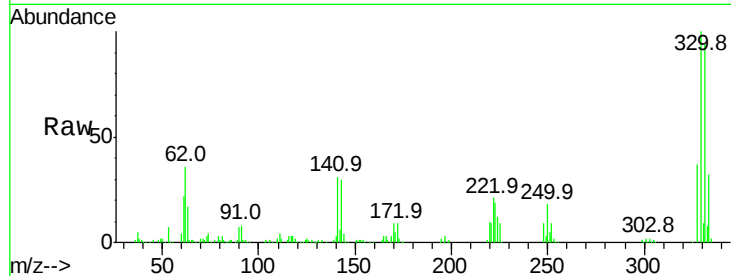




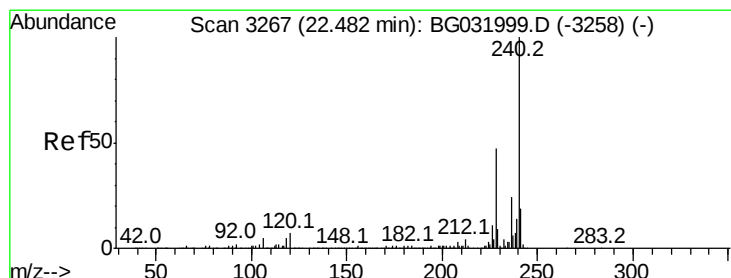
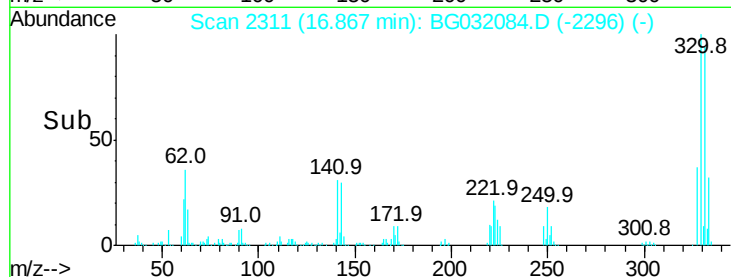
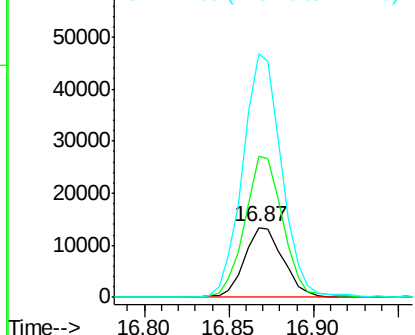
#66
4-Bromophenyl-phenylether
Concen: 4.071 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.44 min
Lab File: BG032084.D
Acq: 17 Jan 2018 00:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 21302
Ion Ratio Lower Upper
248 100
250 201.7 77.1 115.7#
141 347.5 50.8 76.2#

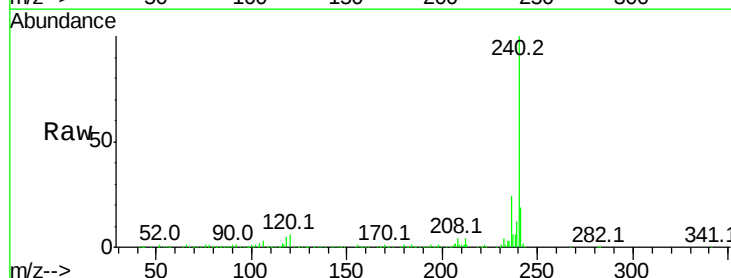


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

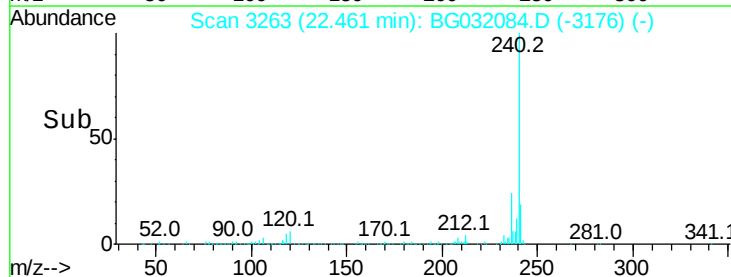
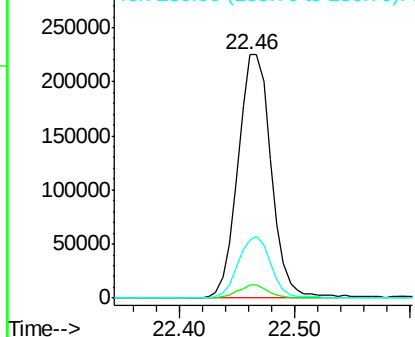


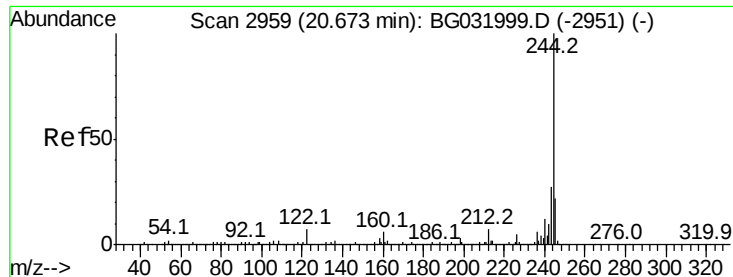
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.46 min Scan# 3263
Delta R.T. -0.02 min
Lab File: BG032084.D
Acq: 17 Jan 2018 00:15

Tgt Ion:240 Resp: 449231
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 24.1 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: 80.080 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032084.D

Acq: 17 Jan 2018 00:15

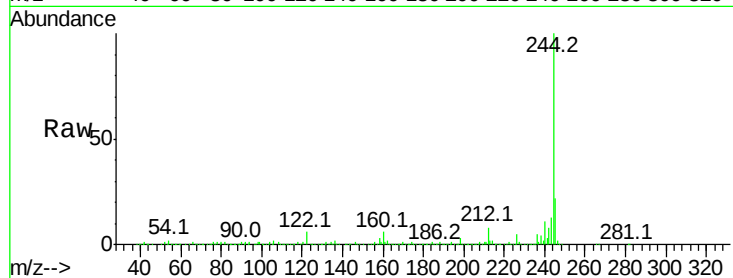
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1629239

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	6.2	7.0	10.4

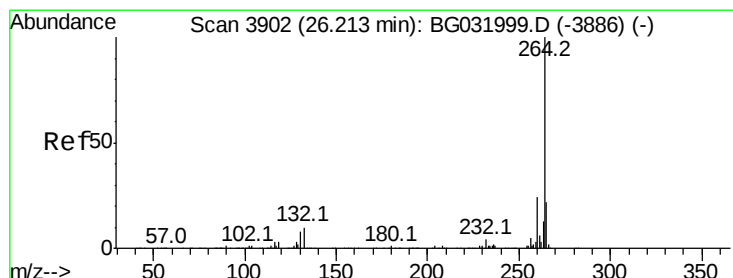
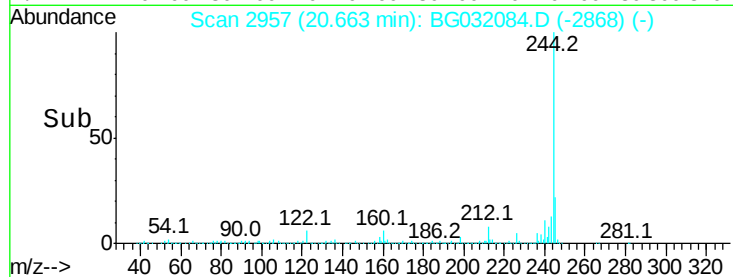
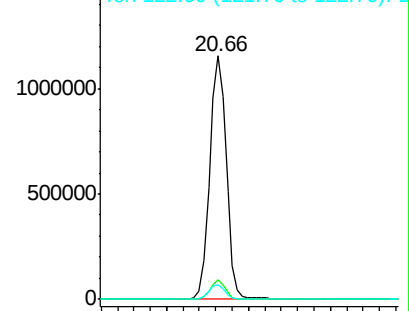


Abundance

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: 26.18 min Scan# 3896

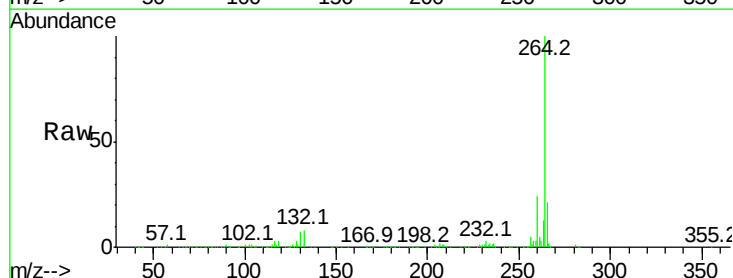
Delta R.T. -0.03 min

Lab File: BG032084.D

Acq: 17 Jan 2018 00:15

Tgt Ion:264 Resp: 468923

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.6	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

