

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
 Data File : BG031735.D
 Acq On : 23 Dec 2017 6:24
 Operator : SJ/JU
 Sample : PB105282BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105282BL

Quant Time: Dec 25 04:43:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

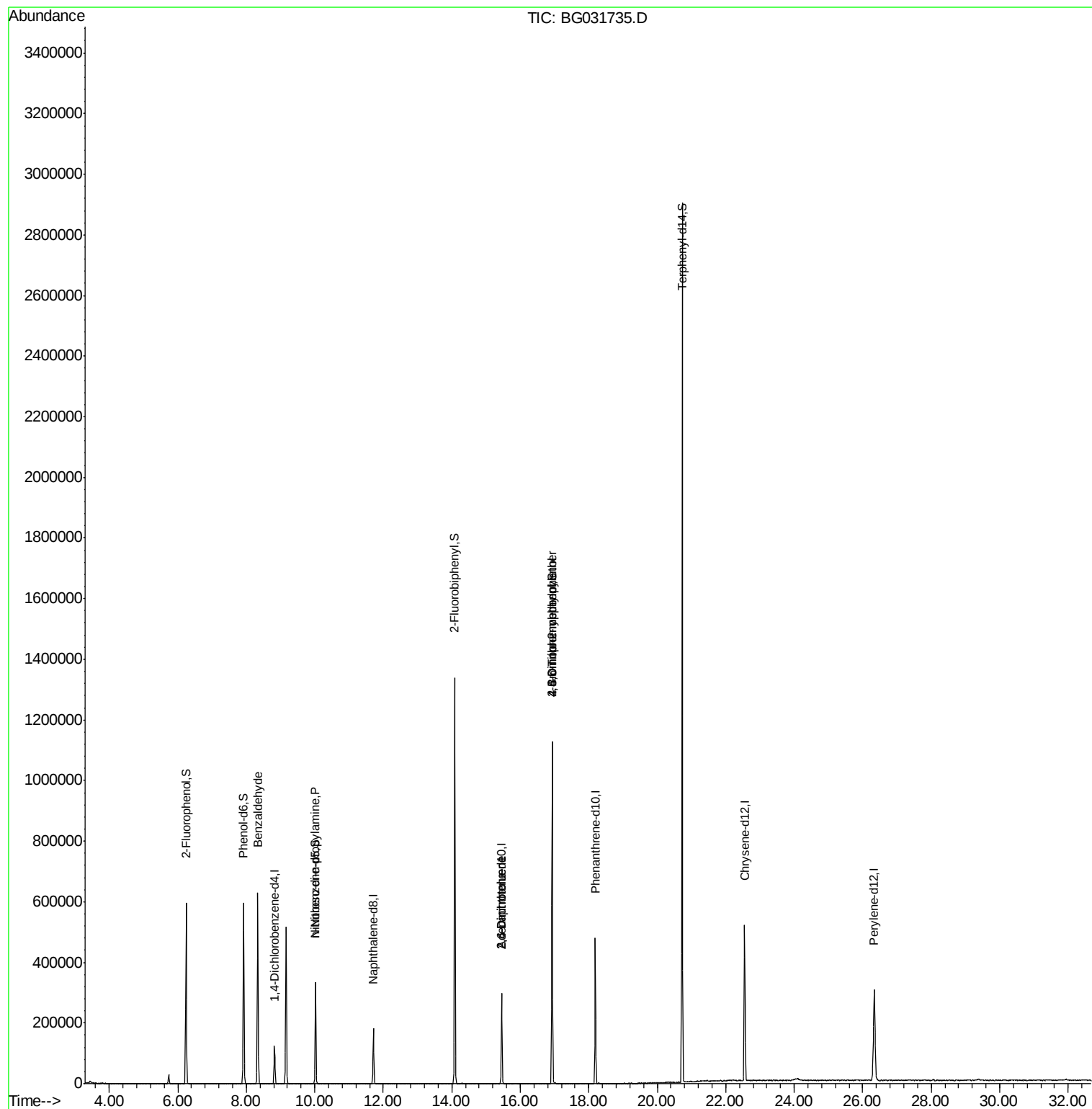
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	44407	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	180182	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	121734	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	325321	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	397091	20.00	ng	-0.02
86) Perylene-d12	26.34	264	419293	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	335450	137.59	ng	0.00
7) Phenol-d6	7.92	99	412343	130.26	ng	0.00
23) Nitrobenzene-d5	10.02	82	218297	91.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	270914	145.85	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	824062	84.96	ng	-0.01
78) Terphenyl-d14	20.73	244	1552109	89.30	ng	-0.01
Target Compounds						
9) Benzaldehyde	8.34	77	7547	3.960	ng	96
19) n-Nitroso-di-n-propylamine	10.02	70	28679	13.266	ng	# 72
50) 2,6-Dinitrotoluene	15.46	165	16731	8.481	ng	# 18
56) 2,4-Dinitrotoluene	15.46	165	16731	6.595	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.93	198	523	8.579	ng	# 44
66) 4-Bromophenyl-phenylether	16.93	248	21713	4.616	ng	# 1

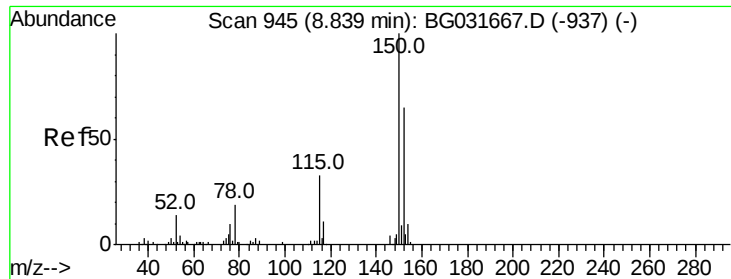
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031735.D
Acq On : 23 Dec 2017 6:24
Operator : SJ/JU
Sample : PB105282BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105282BL

Quant Time: Dec 25 04:43:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration



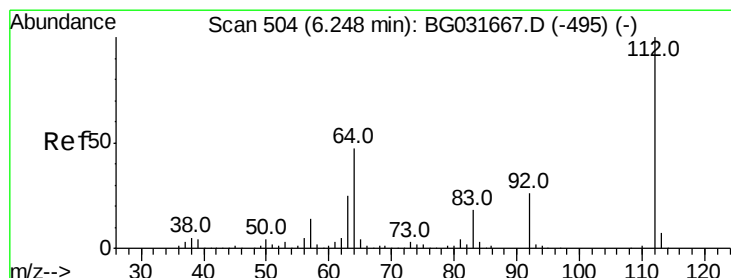
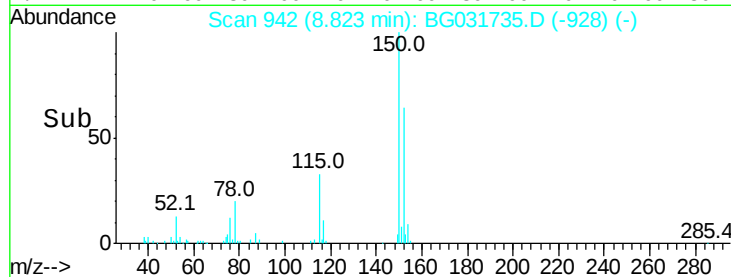
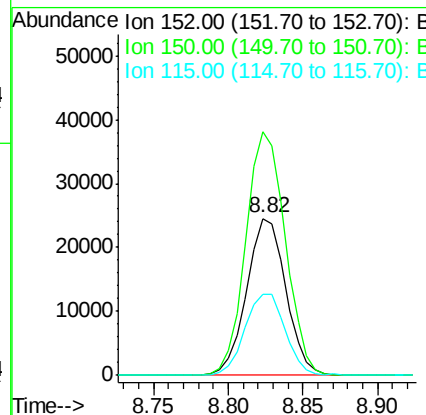
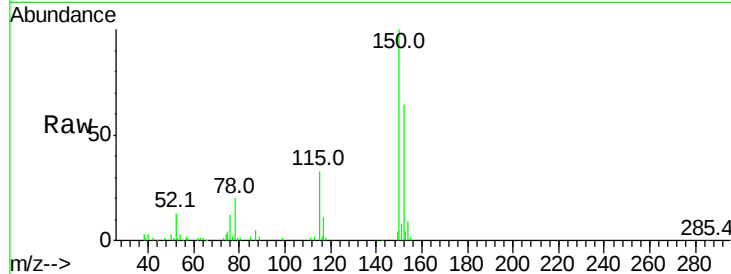


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031735.D
Acq: 23 Dec 2017 6:24

Instrument :
BNA_G
ClientSampleId :
PB105282BL

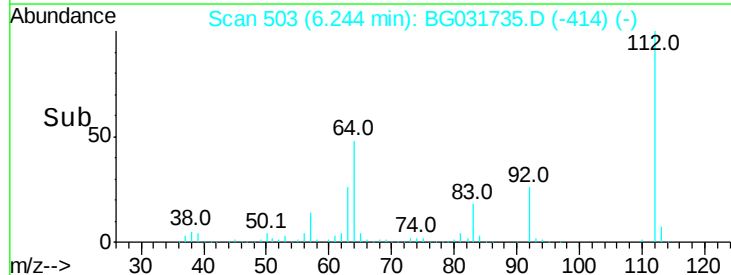
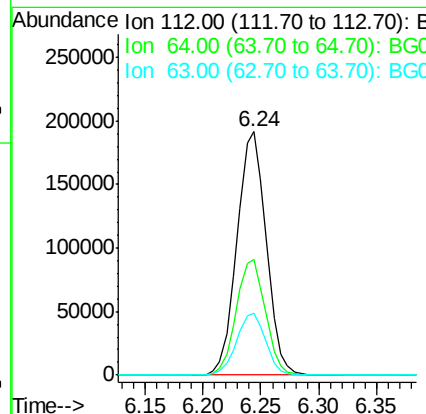
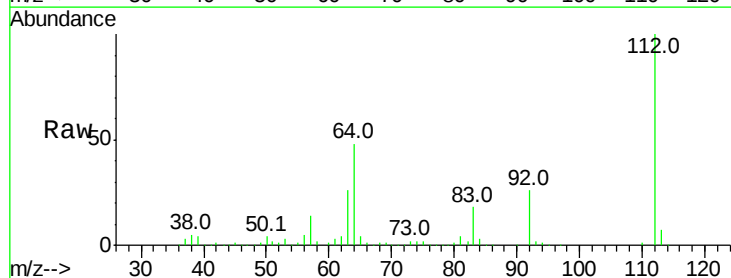
Tot Ion:152 Resp: 44407
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 51.4 53.0 79.4#

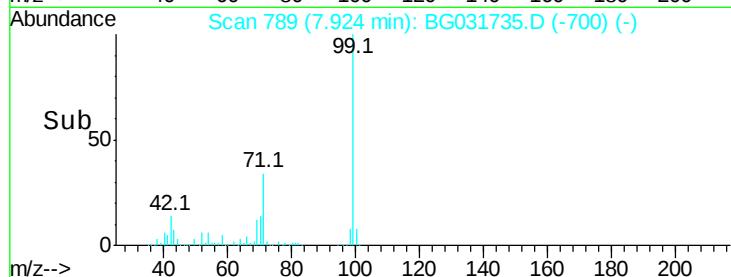
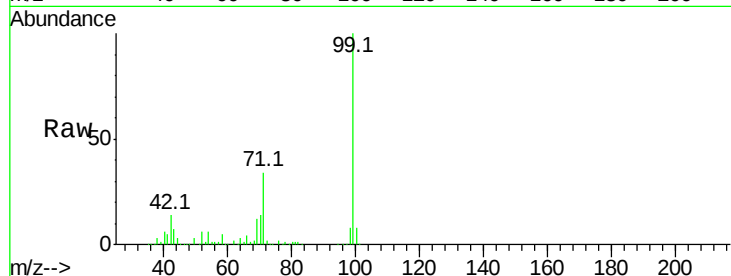


#5

2-Fluorophenol
Concen: 137.587 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031735.D
Acq: 23 Dec 2017 6:24

Tgt Ion:112 Resp: 335450
Ion Ratio Lower Upper
112 100
64 47.6 56.3 84.5#
63 25.6 30.1 45.1#





#7

Phenol-d6

Concen: 130.264 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031735.D

Acq: 23 Dec 2017 6:24

Instrument :

BNA_G

ClientSampleId :

PB105282BL

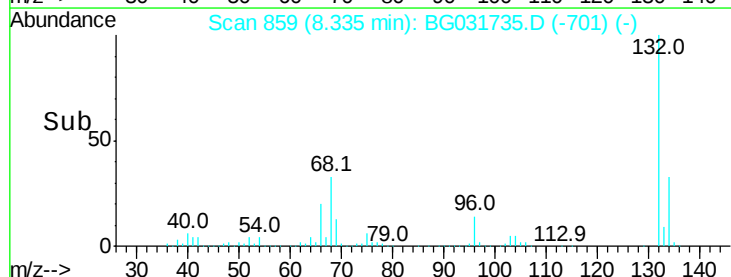
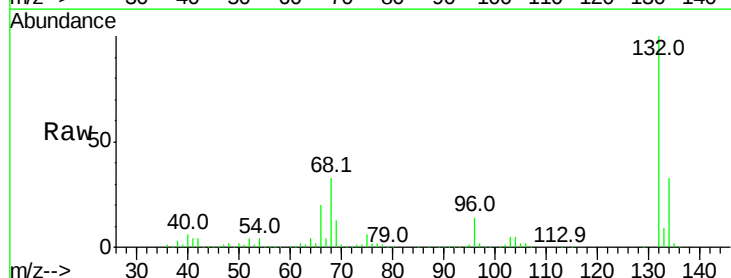
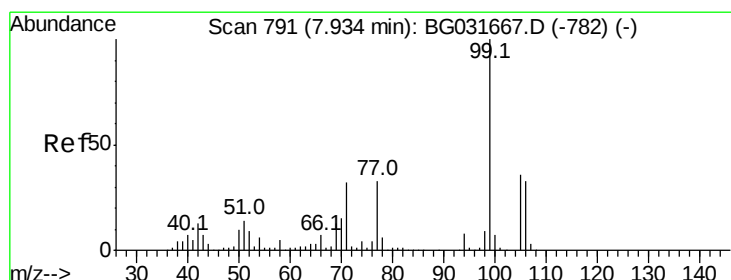
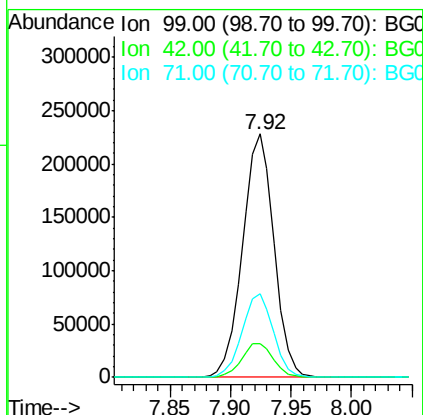
Tot Ion: 99 Resp: 412343

Ion Ratio Lower Upper

99 100

42 14.0 14.1 21.1#

71 34.4 26.1 39.1



#9

Benzaldehyde

Concen: 3.960 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.40 min

Lab File: BG031735.D

Acq: 23 Dec 2017 6:24

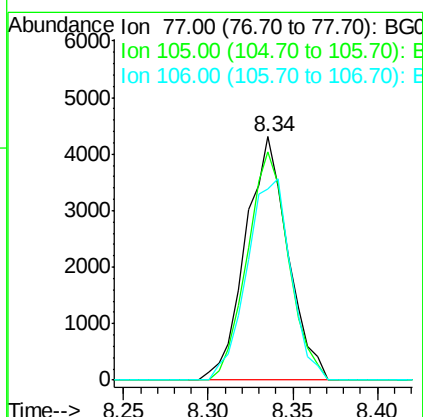
Tgt Ion: 77 Resp: 7547

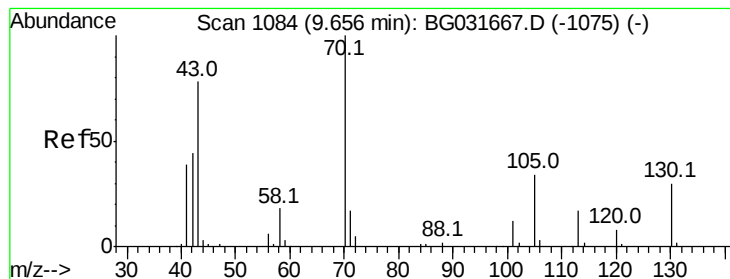
Ion Ratio Lower Upper

77 100

105 93.5 71.3 111.3

106 78.3 64.2 104.2





#19

n-Nitroso-di-n-propylamine

Concen: 13.266 ng

RT: 10.02 min Scan# 1146

Delta R.T. 0.37 min

Lab File: BG031735.D

Acq: 23 Dec 2017 6:24

Instrument :

BNA_G

ClientSampleId :

PB105282BL

Tot Ion: 70 Resp: 28679

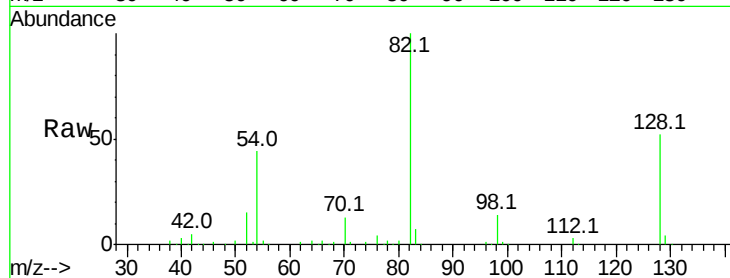
Ion Ratio Lower Upper

70 100

42 40.9 49.1 73.7#

101 0.0 8.5 12.7#

130 3.4 13.4 20.0#

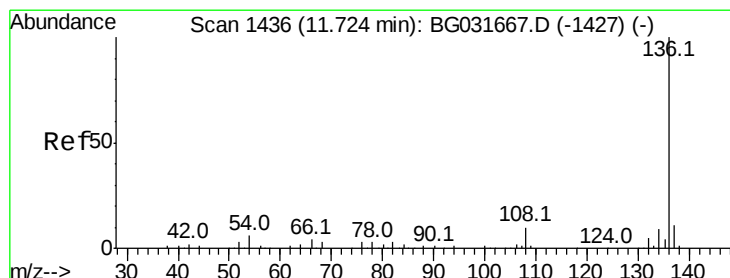
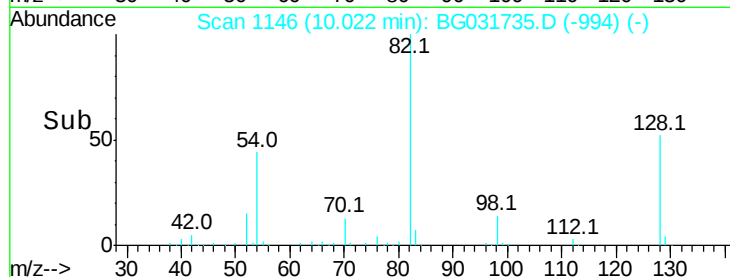
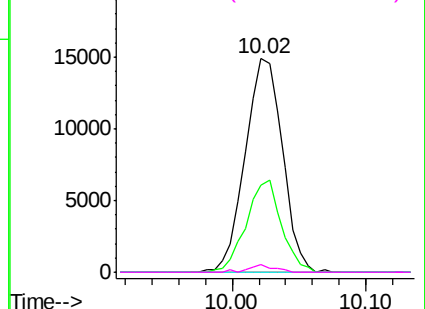


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031735.D

Acq: 23 Dec 2017 6:24

Tgt Ion: 136 Resp: 180182

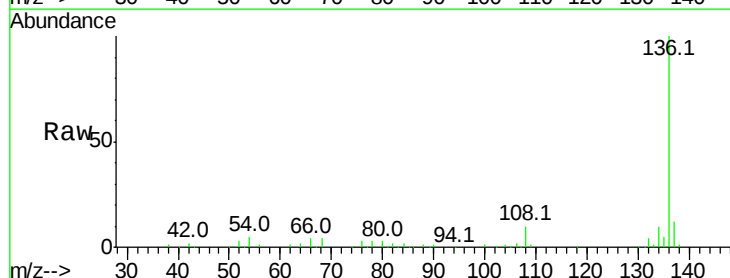
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 5.1 10.3 15.5#

68 3.8 4.5 6.7#

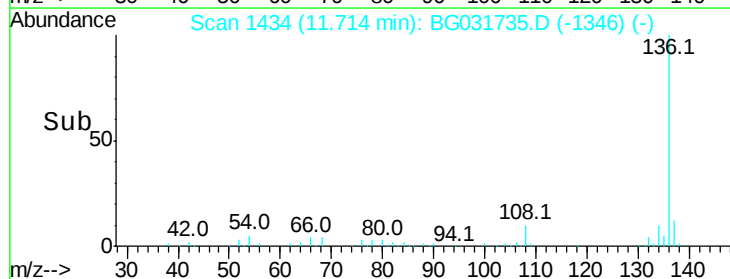
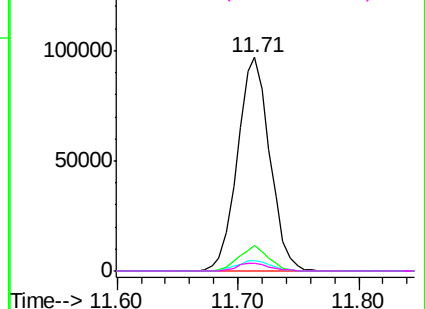


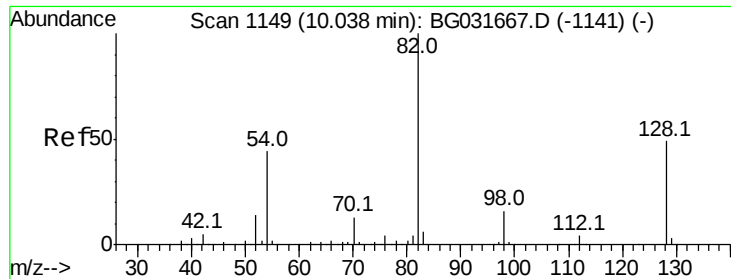
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 91.486 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG031735.D

Acq: 23 Dec 2017 6:24

Instrument :

BNA_G

ClientSampleId :

PB105282BL

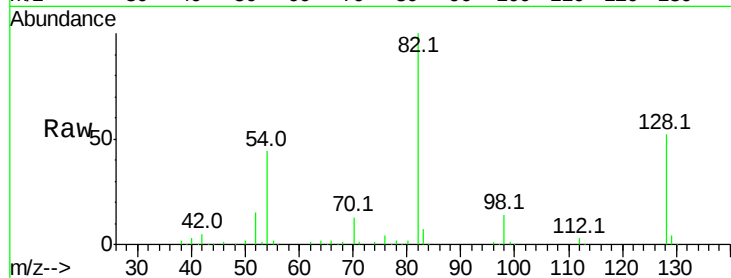
Tot Ion: 82 Resp: 218297

Ion Ratio Lower Upper

82 100

128 51.6 29.7 44.5#

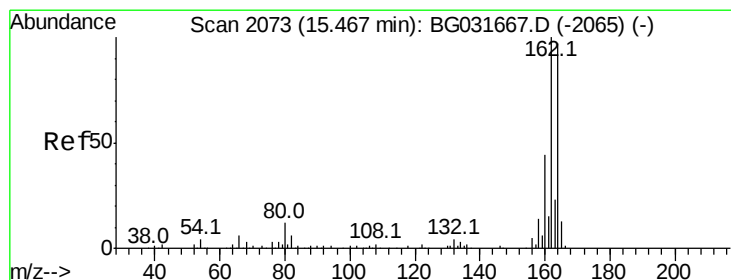
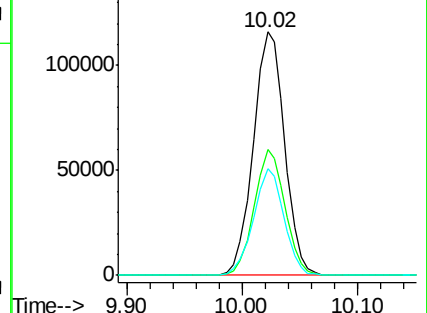
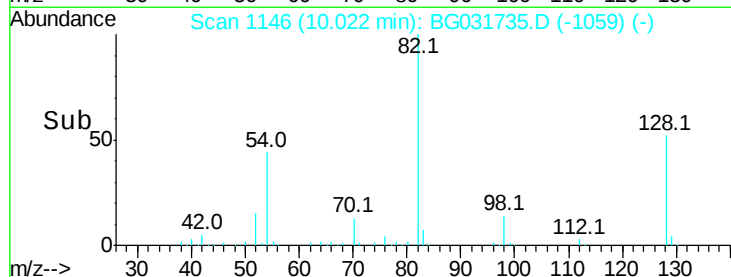
54 43.6 43.1 64.7



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: 15.46 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG031735.D

Acq: 23 Dec 2017 6:24

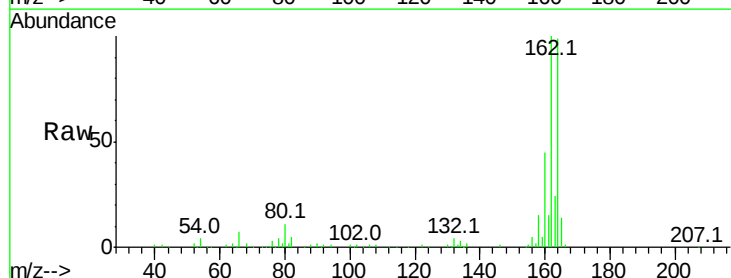
Tgt Ion:164 Resp: 121734

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

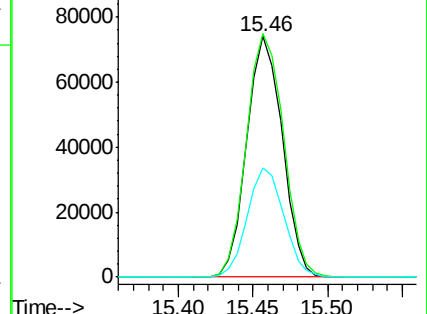
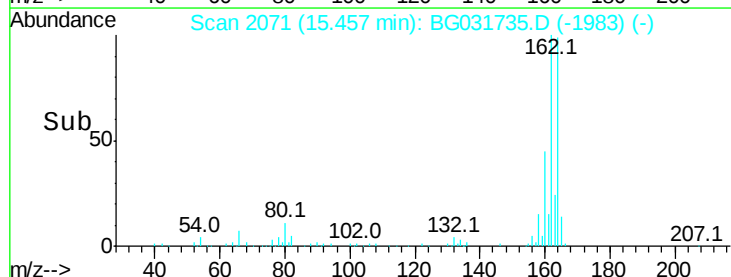
160 45.2 35.4 53.0

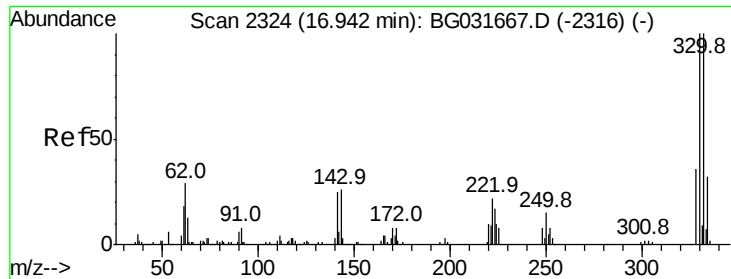


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

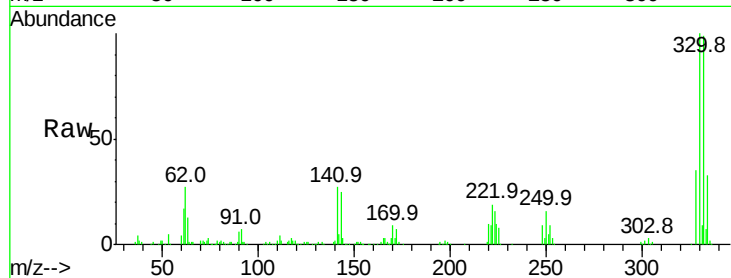




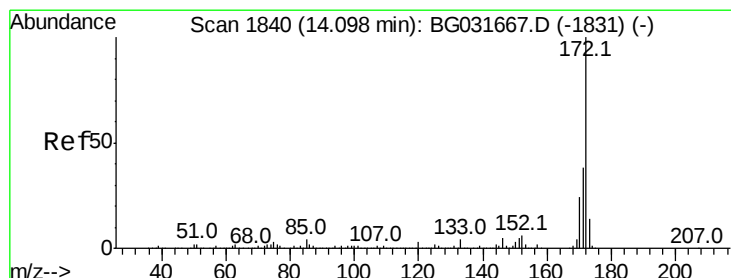
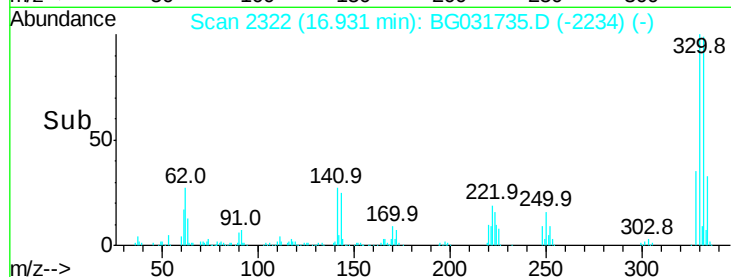
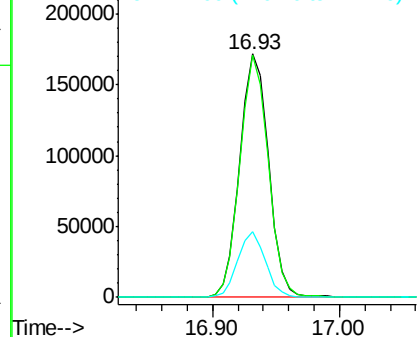
#41
 2,4,6-Tribromophenol
 Concen: 145.849 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG031735.D
 Acq: 23 Dec 2017 6:24

Instrument :
 BNA_G
 ClientSampleId :
 PB105282BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	25.8	25.2	37.8

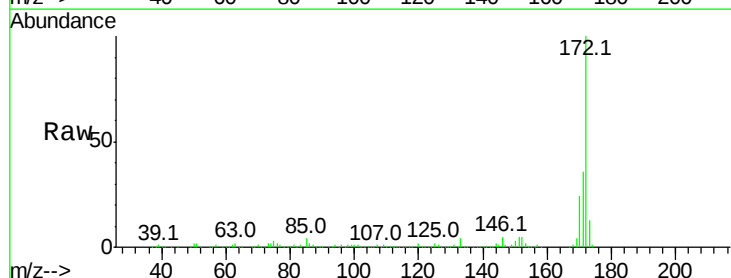


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

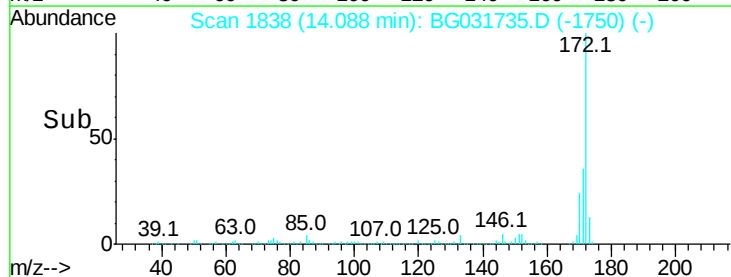
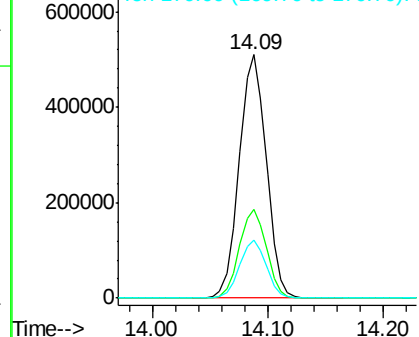


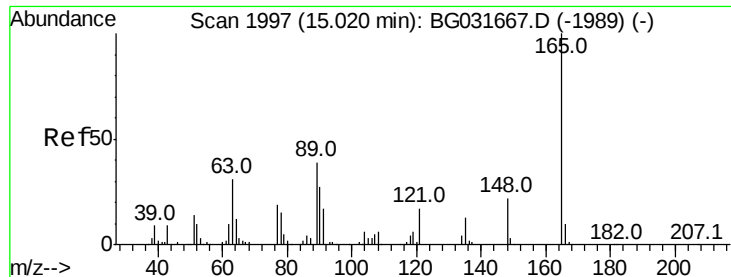
#44
 2-Fluorobiphenyl
 Concen: 84.965 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031735.D
 Acq: 23 Dec 2017 6:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	24.1	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

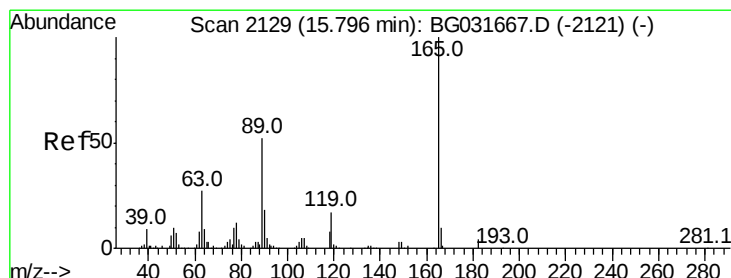
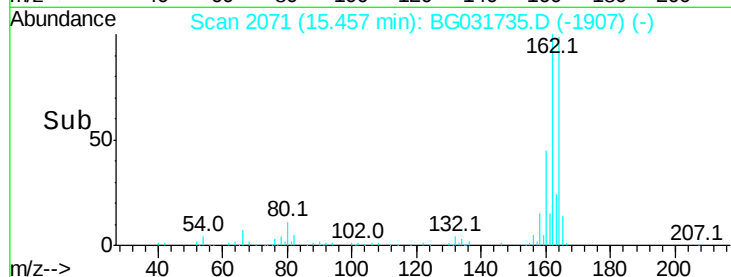
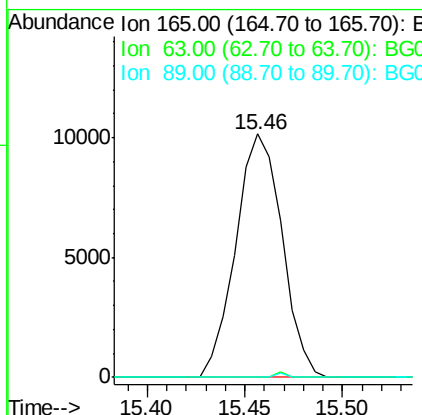
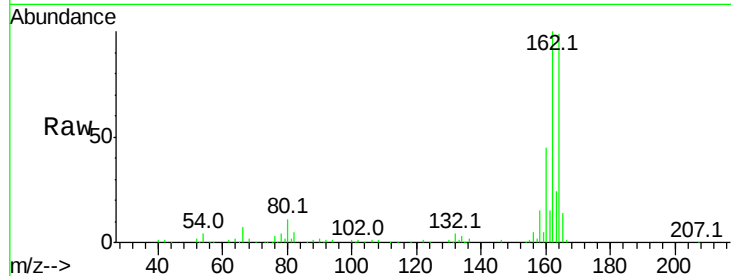




#50
 2,6-Dinitrotoluene
 Concen: 8.481 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. 0.44 min
 Lab File: BG031735.D
 Acq: 23 Dec 2017 6:24

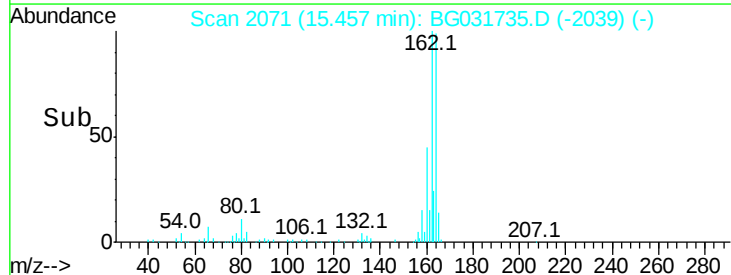
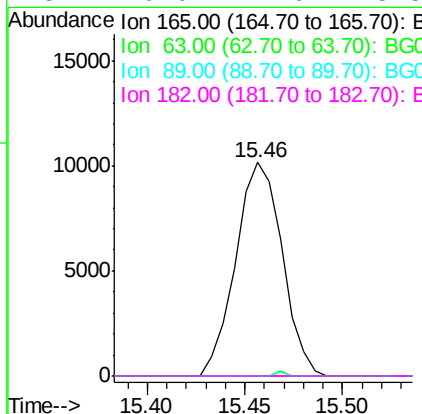
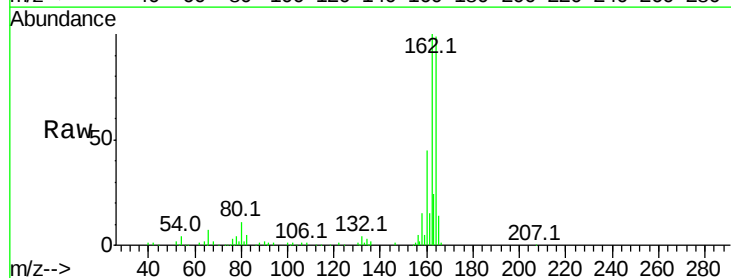
Instrument :
 BNA_G
 ClientSampleId :
 PB105282BL

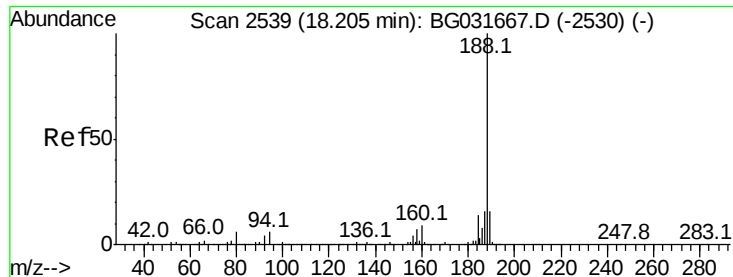
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.595 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.34 min
 Lab File: BG031735.D
 Acq: 23 Dec 2017 6:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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: 18.19 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031735.D

Acq: 23 Dec 2017 6:24

Instrument :

BNA_G

ClientSampled :

PB105282BL

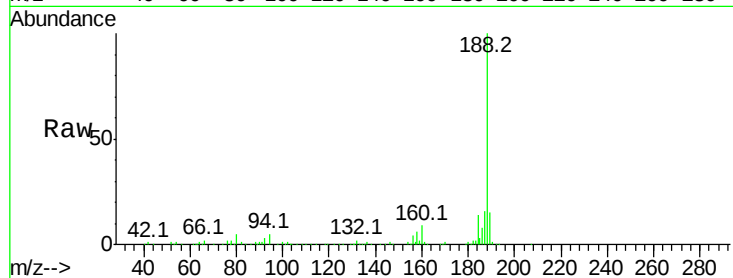
Tot Ion:188 Resp: 325321

Ion Ratio Lower Upper

188 100

94 5.0 6.9 10.3#

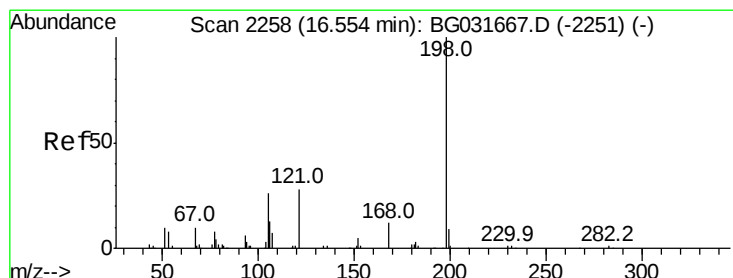
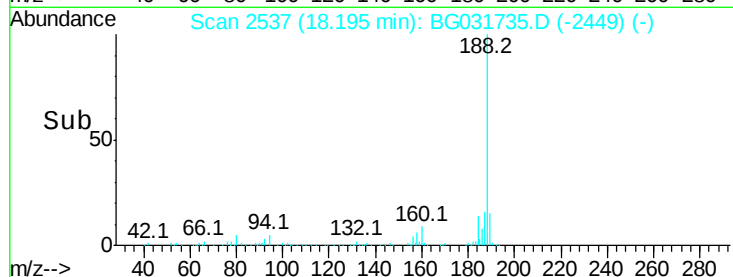
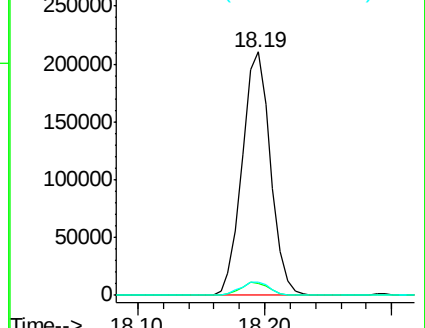
80 5.5 7.7 11.5#



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: 8.579 ng

RT: 16.93 min Scan# 2322

Delta R.T. 0.38 min

Lab File: BG031735.D

Acq: 23 Dec 2017 6:24

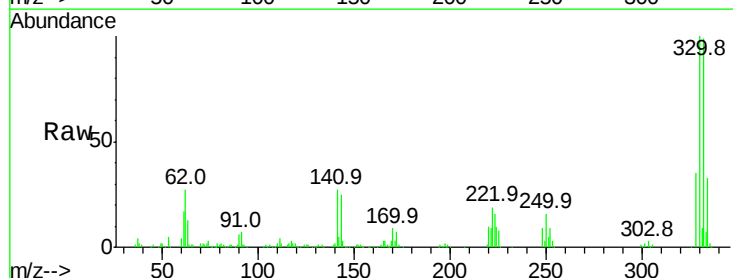
Tgt Ion:198 Resp: 523

Ion Ratio Lower Upper

198 100

51 51.9 30.6 70.6

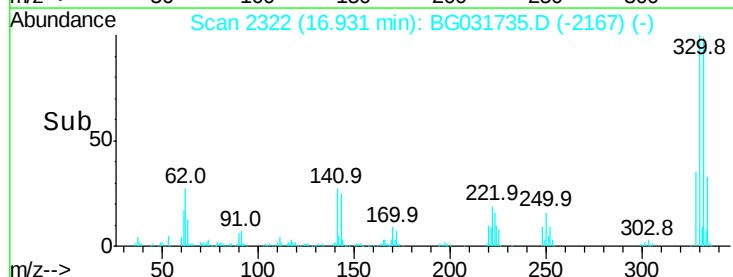
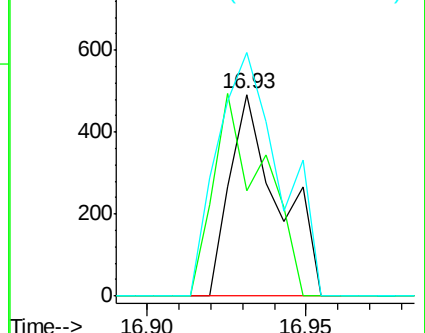
105 120.5 23.8 63.8#

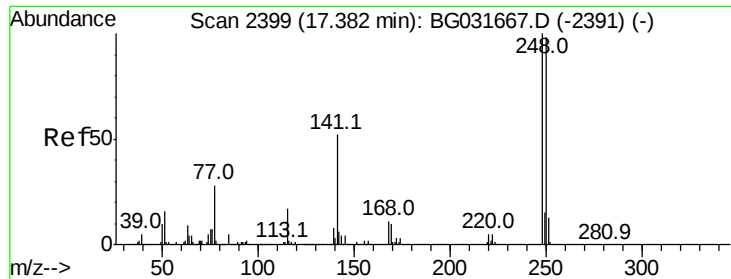


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

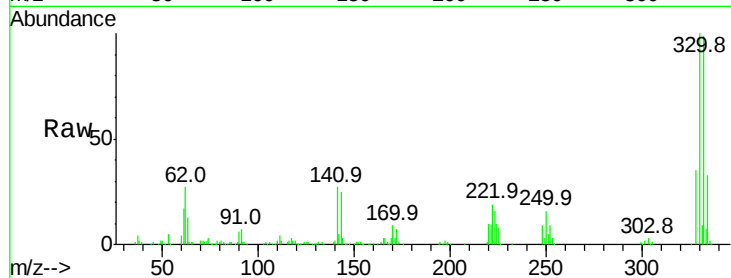




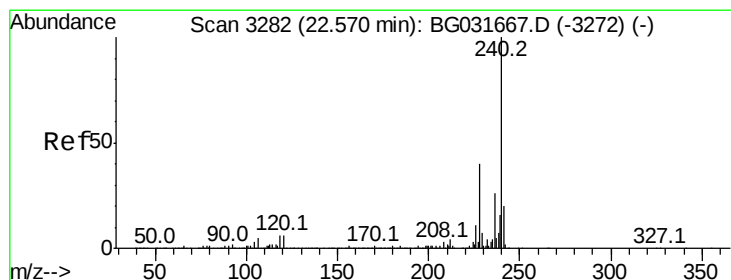
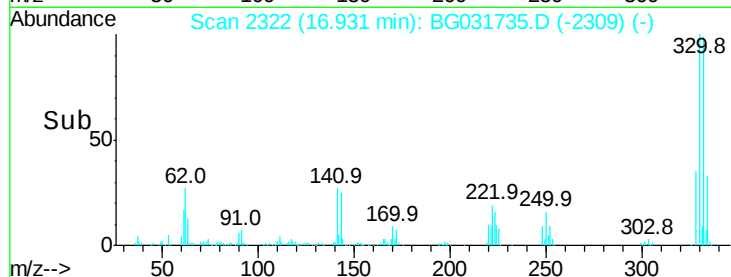
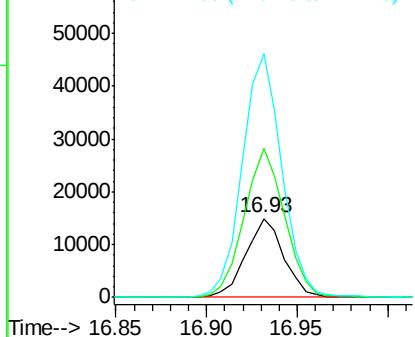
#66
4-Bromophenyl-phenylether
Concen: 4.616 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031735.D
Acq: 23 Dec 2017 6:24

Instrument :
BNA_G
ClientSampleId :
PB105282BL

Tot Ion:248 Resp: 21713
Ion Ratio Lower Upper
248 100
250 188.0 77.1 115.7#
141 307.9 50.8 76.2#

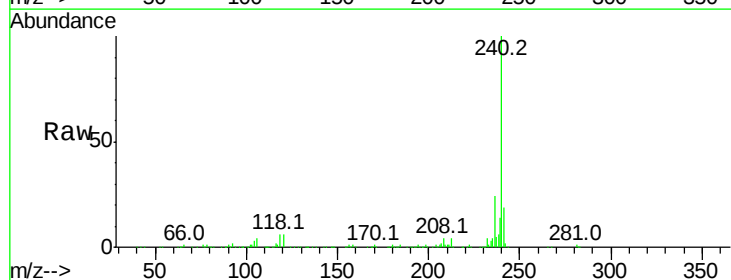


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

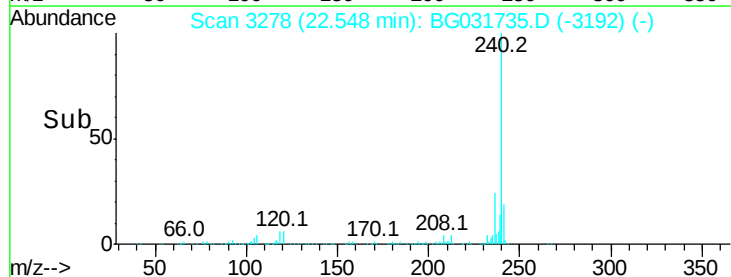
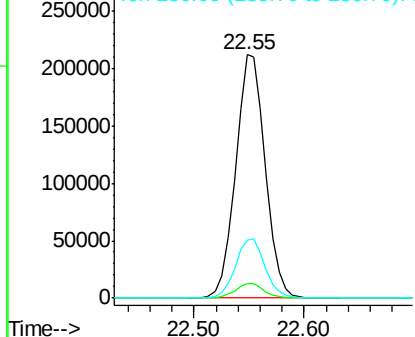


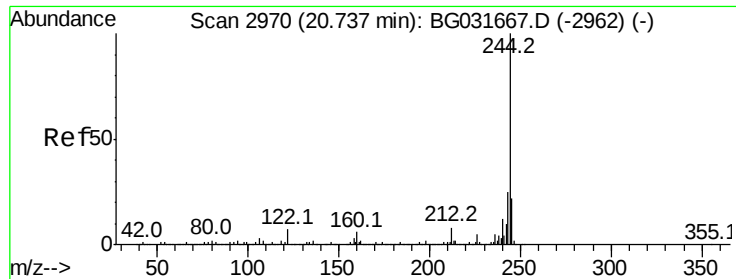
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031735.D
Acq: 23 Dec 2017 6:24

Tgt Ion:240 Resp: 397091
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 23.9 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: 89.300 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031735.D

Acq: 23 Dec 2017 6:24

Instrument :

BNA_G

ClientSampled :

PB105282BL

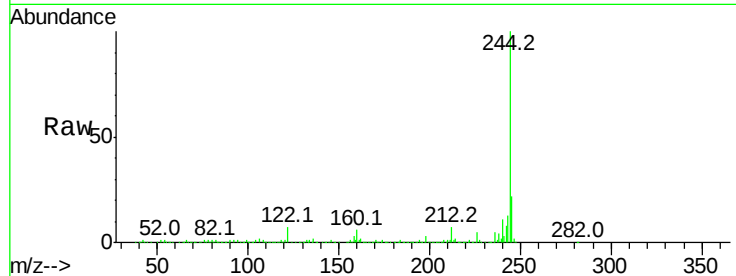
Tot Ion:244 Resp: 1552109

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

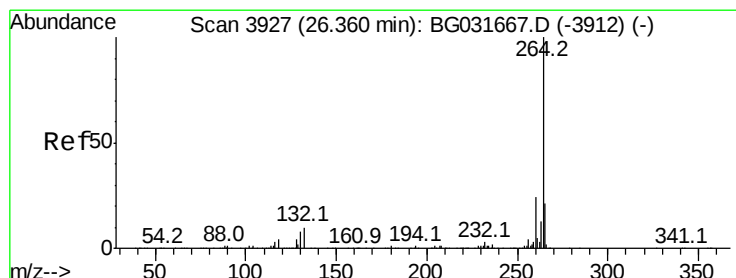
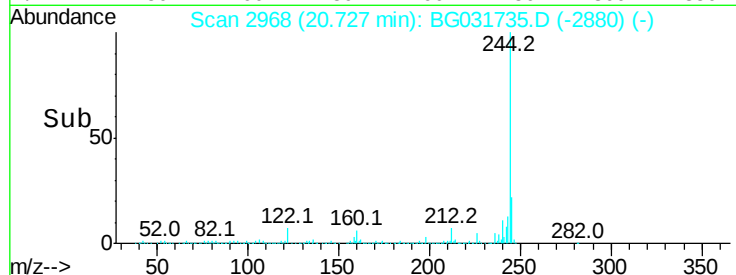
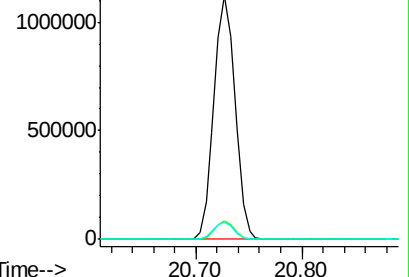
122 6.9 7.0 10.4#



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: 26.34 min Scan# 3923

Delta R.T. -0.02 min

Lab File: BG031735.D

Acq: 23 Dec 2017 6:24

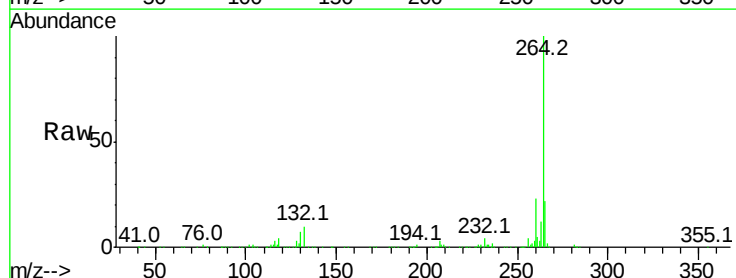
Tgt Ion:264 Resp: 419293

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.6 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

