

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
 Data File : BG035252.D
 Acq On : 19 Jun 2018 17:42
 Operator : SJ/JU
 Sample : J3546-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061418-DBRC-F-D-B

Quant Time: Jun 19 19:04:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

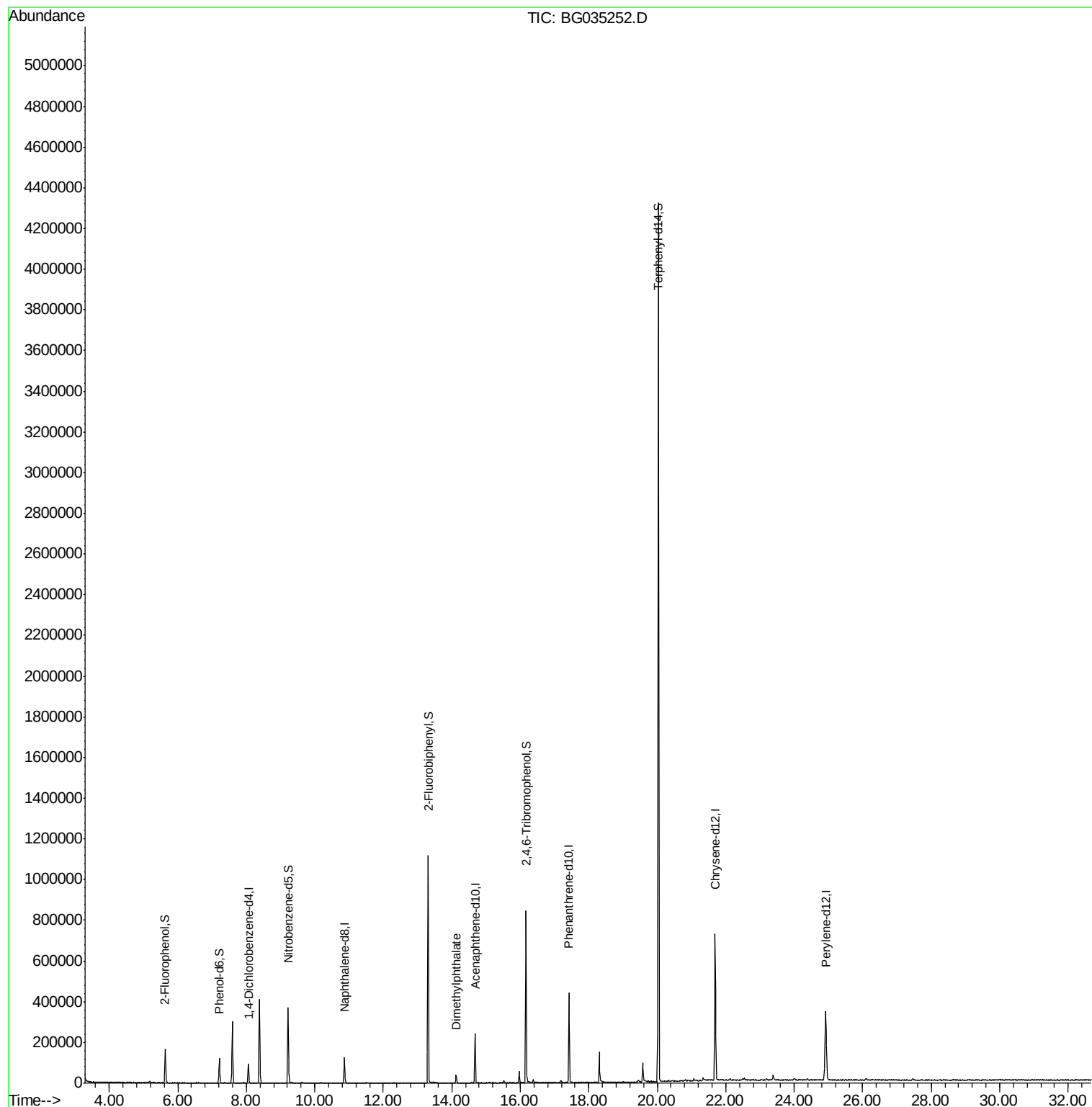
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27496	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	106958	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	82195	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	289120	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	455906	20.00	ng	-0.03
86) Perylene-d12	24.92	264	387115	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	76975	47.24	ng	-0.01
7) Phenol-d6	7.21	99	74463	30.97	ng	-0.01
23) Nitrobenzene-d5	9.22	82	255029	113.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	159735	151.81	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	612058	96.80	ng	-0.02
78) Terphenyl-d14	20.03	244	2017047	92.67	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.13	163	27517	3.839	ng	Qvalue # 89

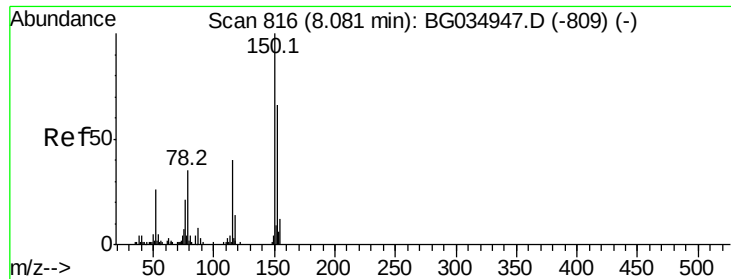
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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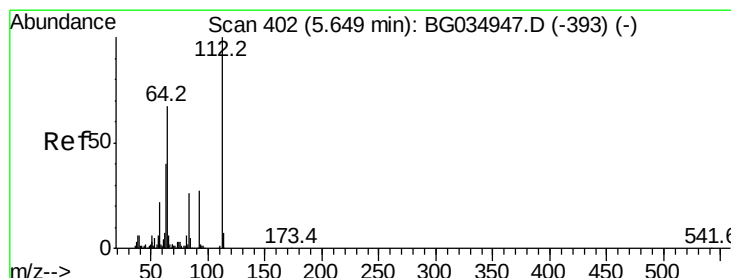
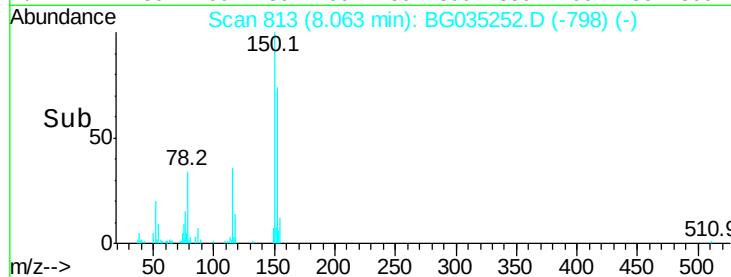
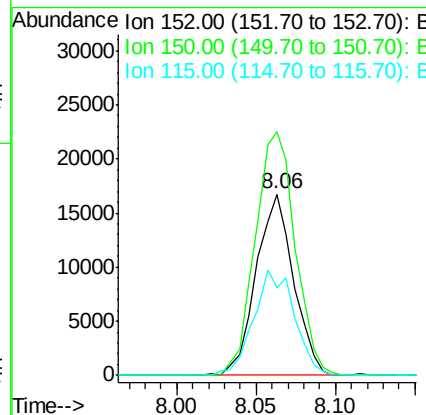
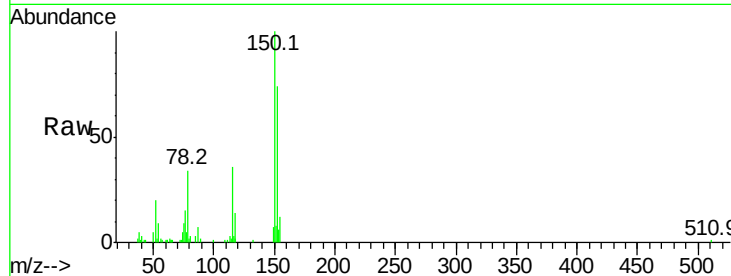


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035252.D
Acq: 19 Jun 2018 17:42

Instrument :
BNA_G
ClientSampleId :
061418-DBRC-F-D-B

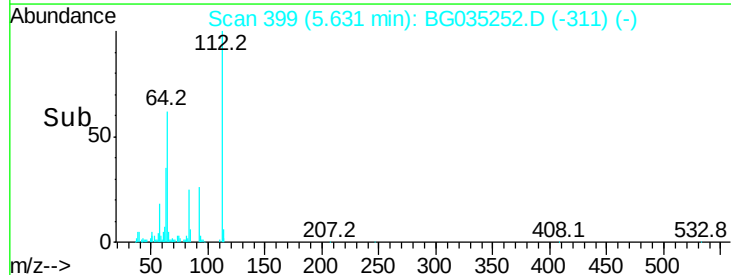
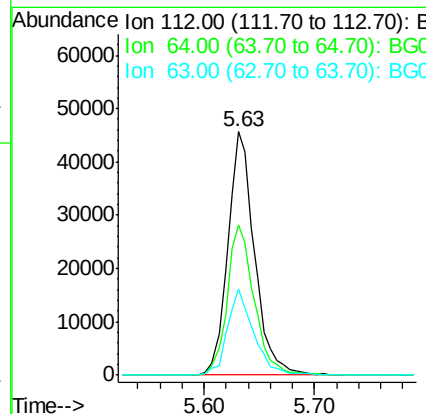
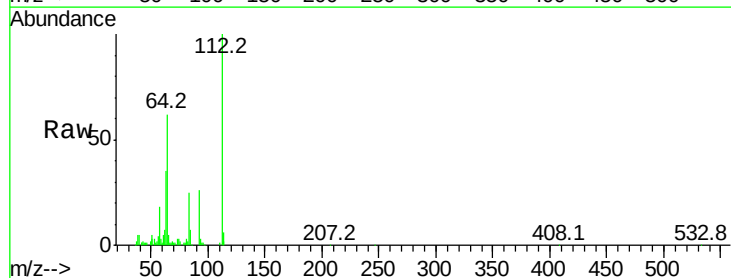
Tot Ion:152 Resp: 27496
Ion Ratio Lower Upper
152 100
150 134.3 126.6 189.8
115 47.9 53.0 79.4#

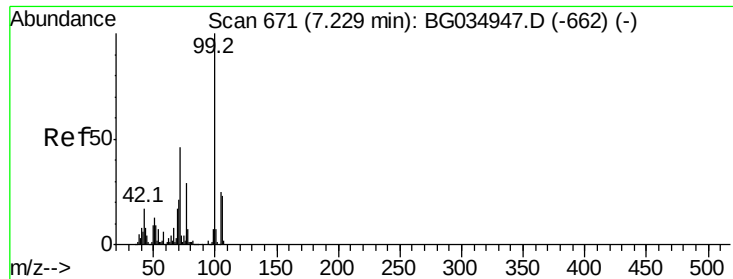


#5

2-Fluorophenol
Concen: 47.245 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035252.D
Acq: 19 Jun 2018 17:42

Tgt Ion:112 Resp: 76975
Ion Ratio Lower Upper
112 100
64 61.7 56.3 84.5
63 35.5 30.1 45.1





#7

Phenol-d6

Concen: 30.965 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035252.D

Acq: 19 Jun 2018 17:42

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-B

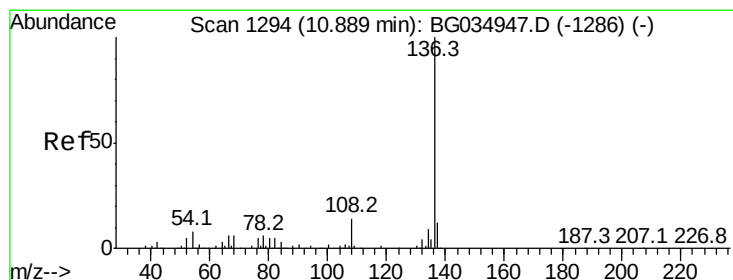
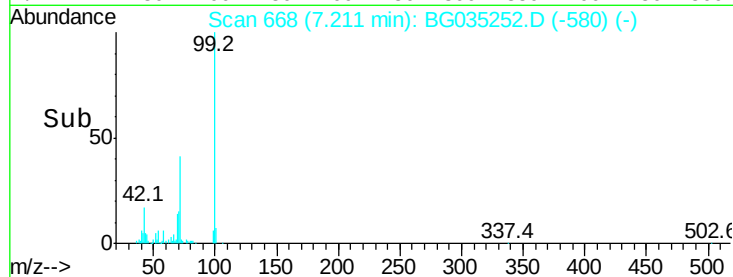
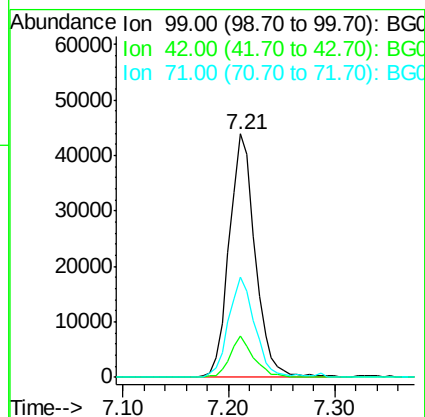
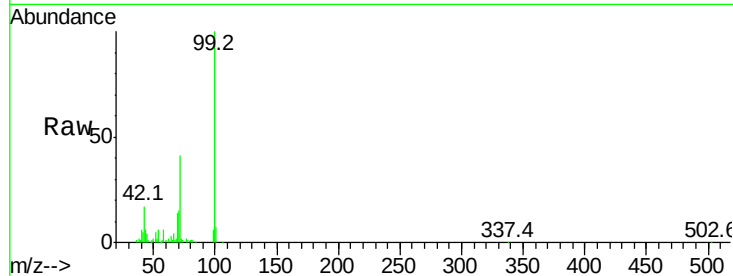
Tot Ion: 99 Resp: 74463

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

71 41.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035252.D

Acq: 19 Jun 2018 17:42

Tgt Ion: 136 Resp: 106958

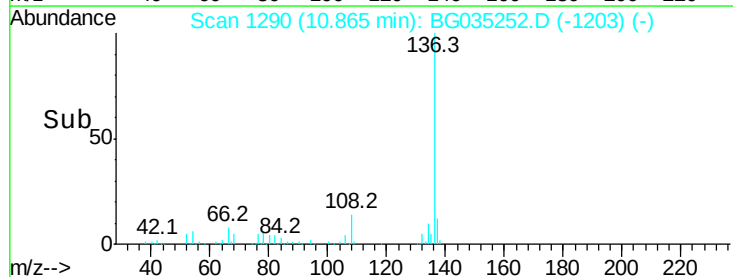
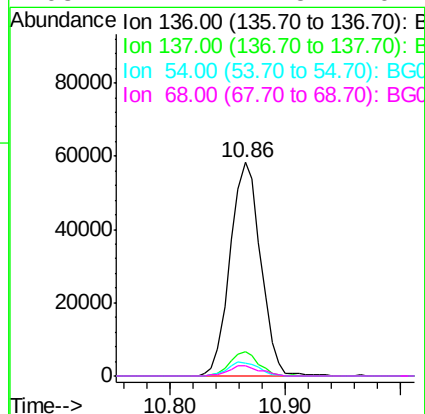
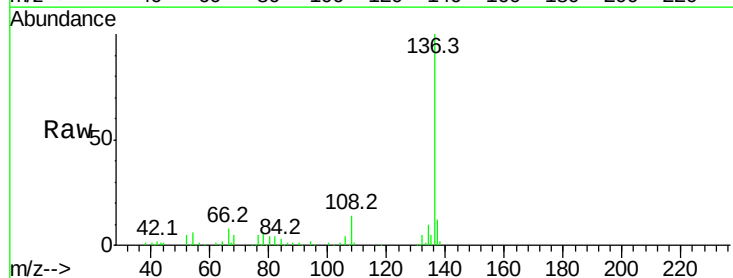
Ion Ratio Lower Upper

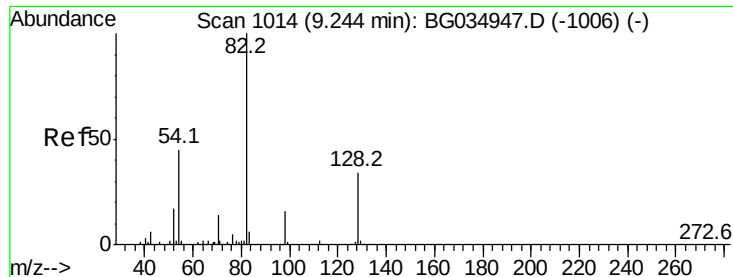
136 100

137 11.6 9.2 13.8

54 6.3 10.3 15.5#

68 4.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 113.340 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035252.D

Acq: 19 Jun 2018 17:42

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-B

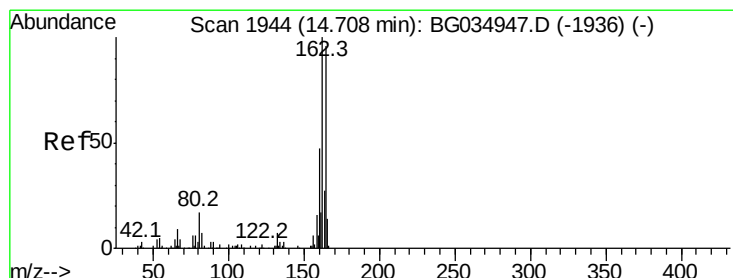
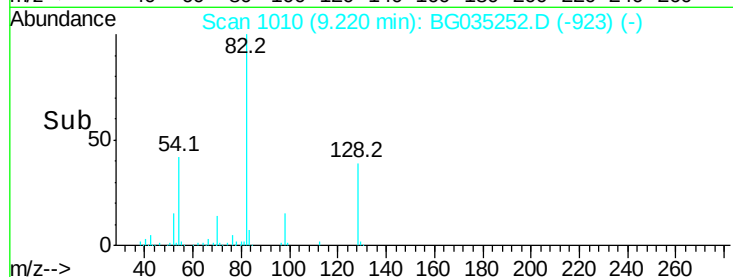
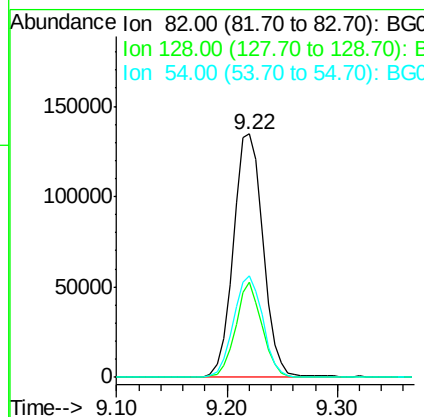
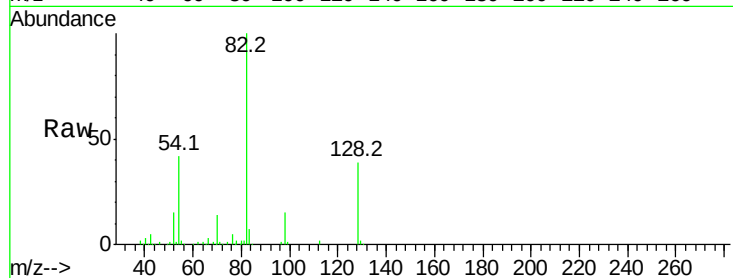
Tot Ion: 82 Resp: 255029

Ion Ratio Lower Upper

82 100

128 38.9 29.7 44.5

54 42.0 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035252.D

Acq: 19 Jun 2018 17:42

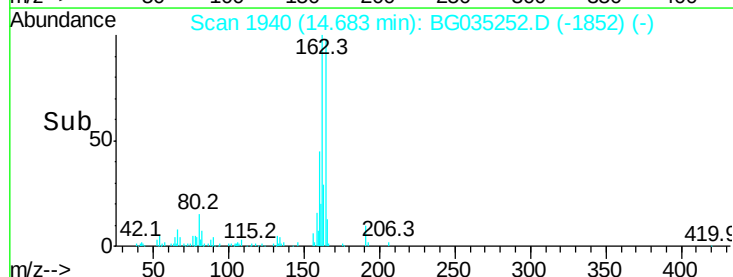
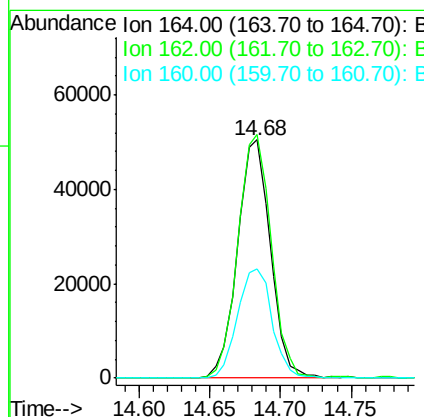
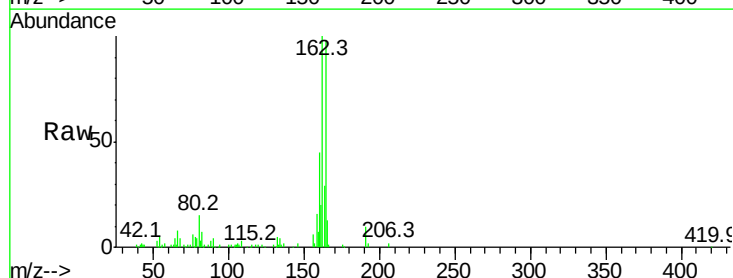
Tgt Ion:164 Resp: 82195

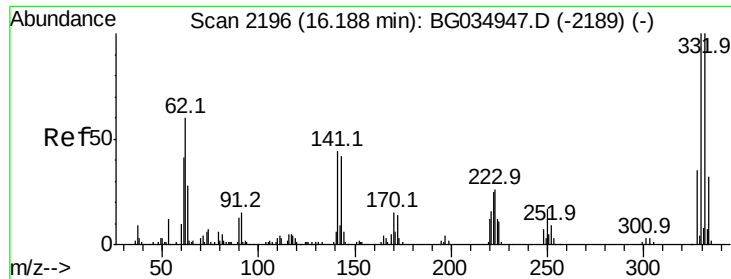
Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

160 46.0 35.4 53.0

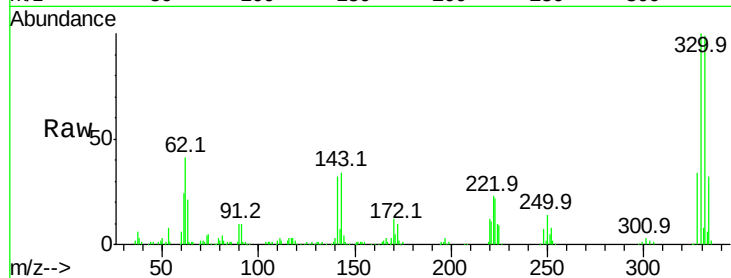




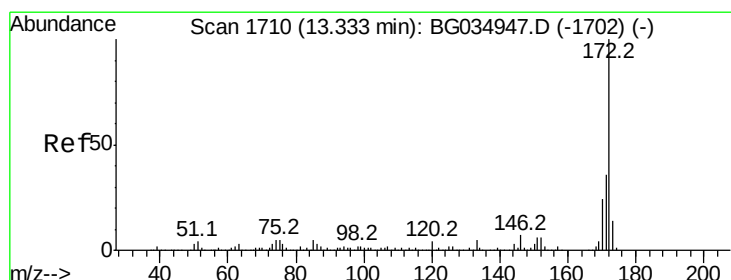
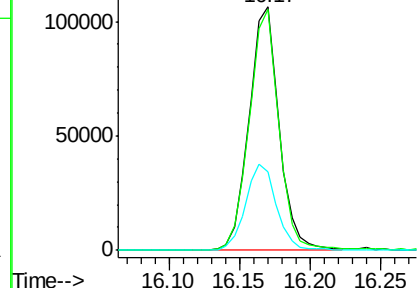
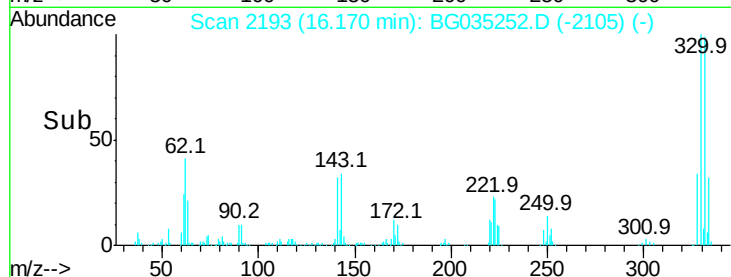
#41
 2,4,6-Tribromophenol
 Concen: 151.810 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035252.D
 Acq: 19 Jun 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :
 061418-DBRC-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	36.1	25.2	37.8

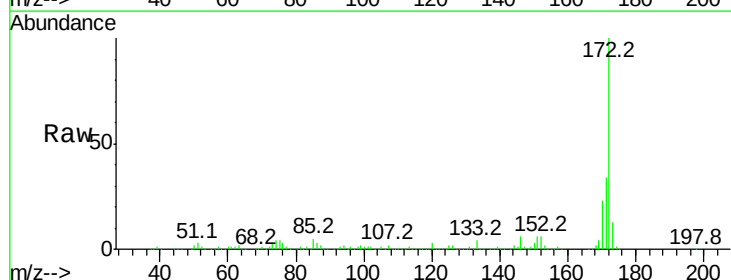


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

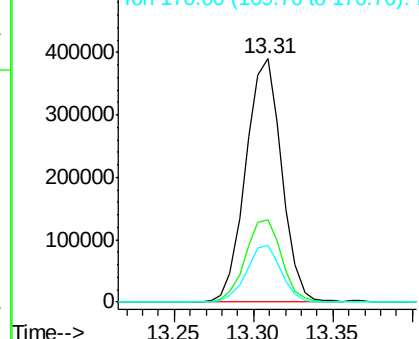
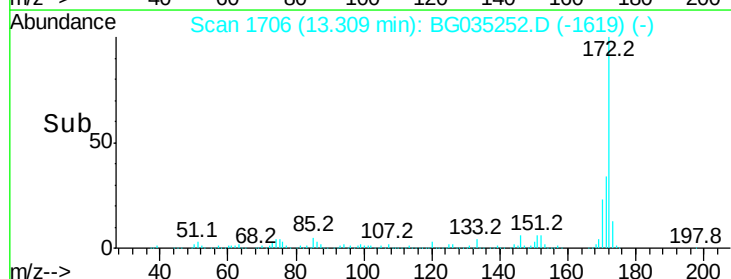


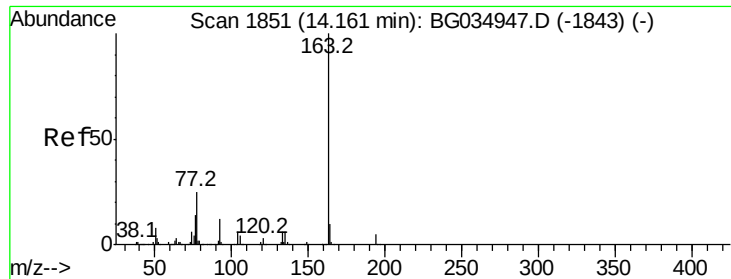
#44
 2-Fluorobiphenyl
 Concen: 96.803 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035252.D
 Acq: 19 Jun 2018 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	23.3	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: 3.839 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.03 min

Lab File: BG035252.D

Acq: 19 Jun 2018 17:42

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-B

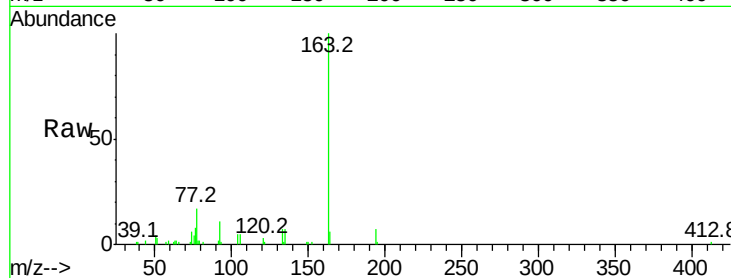
Tot Ion:163 Resp: 27517

Ion Ratio Lower Upper

163 100

194 7.5 3.4 5.2#

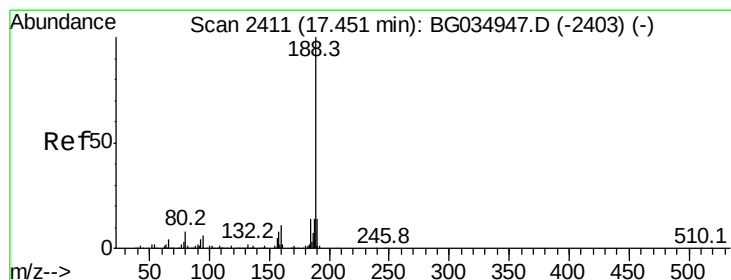
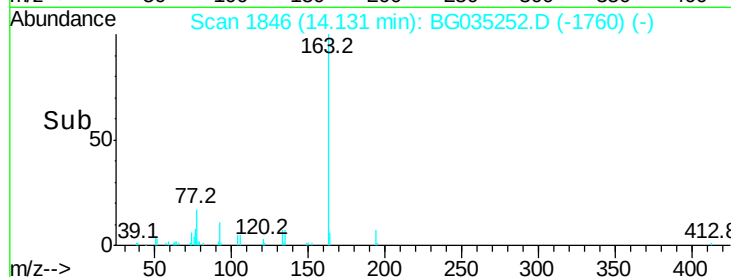
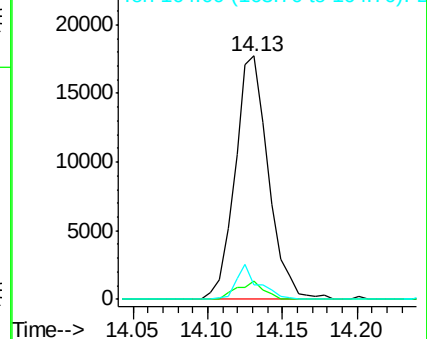
164 6.1 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035252.D

Acq: 19 Jun 2018 17:42

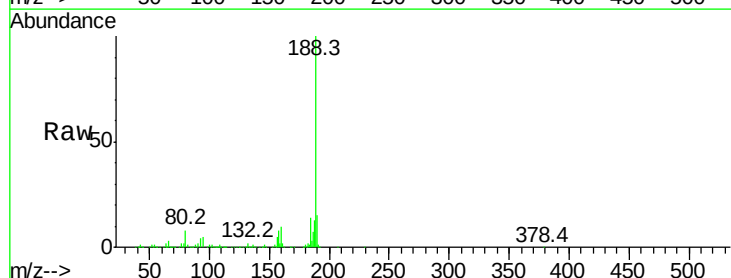
Tgt Ion:188 Resp: 289120

Ion Ratio Lower Upper

188 100

94 4.8 6.9 10.3#

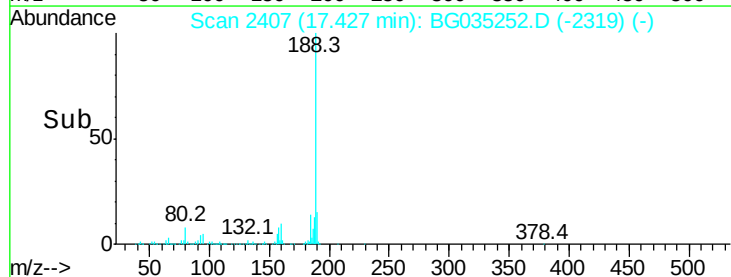
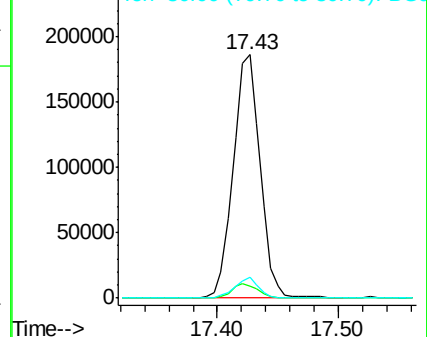
80 8.4 7.7 11.5

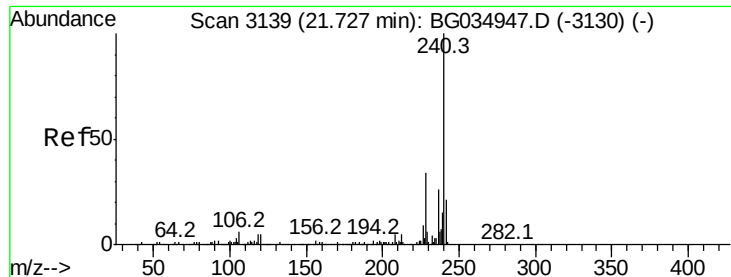


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.03 min

Lab File: BG035252.D

Acq: 19 Jun 2018 17:42

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-B

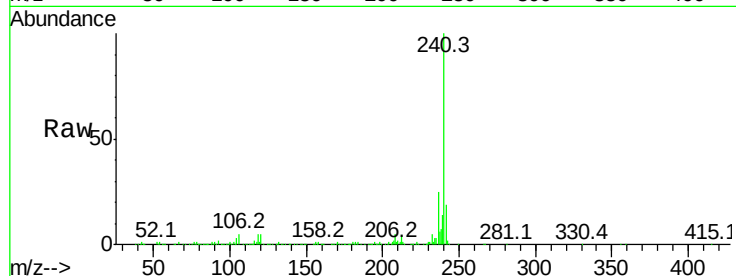
Tot Ion:240 Resp: 455906

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

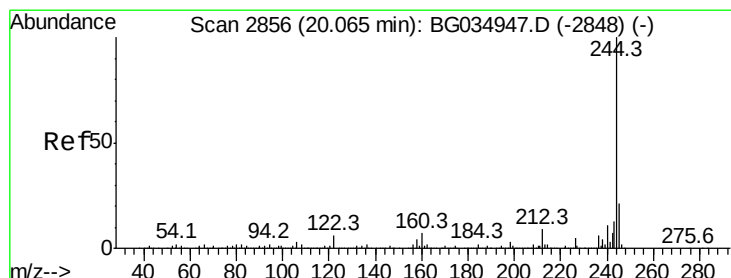
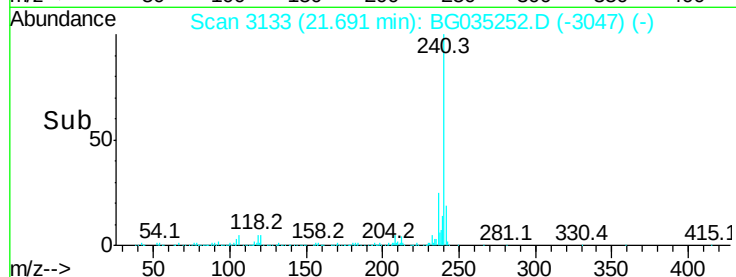
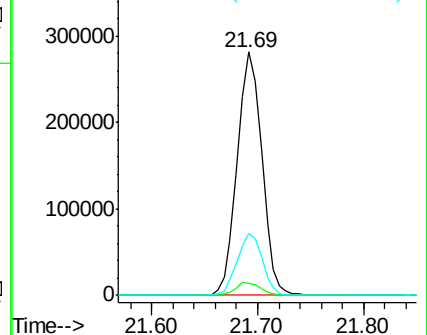
236 25.3 20.9 31.3



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: 92.674 ng

RT: 20.03 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035252.D

Acq: 19 Jun 2018 17:42

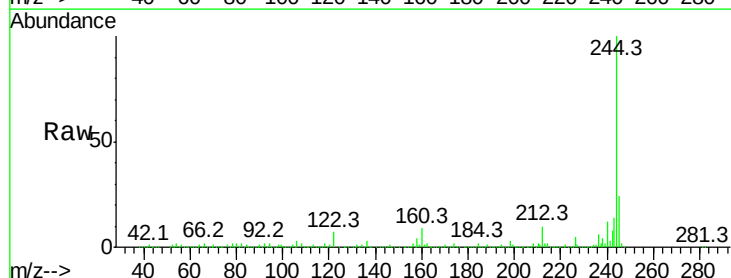
Tgt Ion:244 Resp: 2017047

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

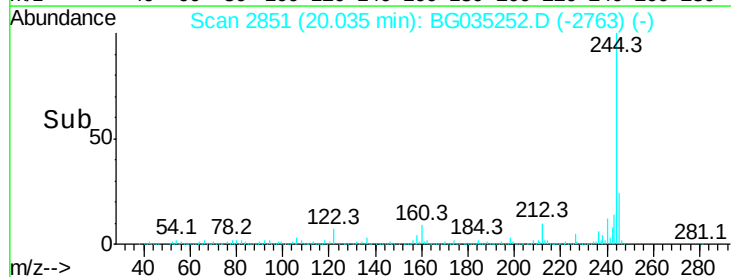
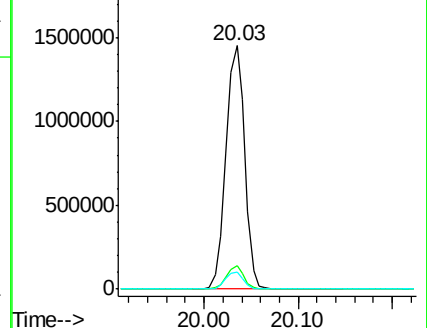
122 7.2 7.0 10.4

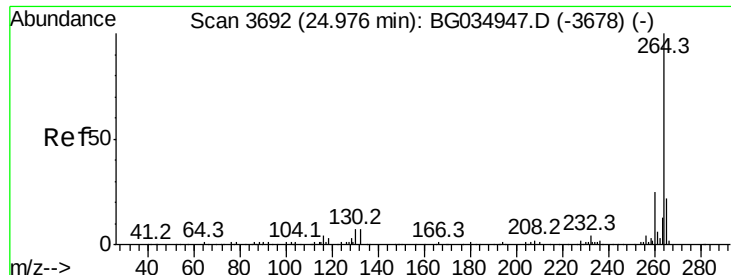


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

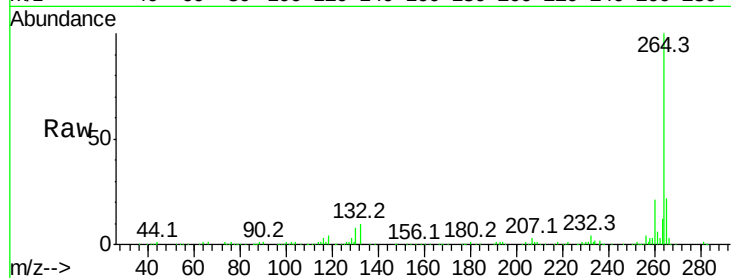




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035252.D
Acq: 19 Jun 2018 17:42

Instrument :
BNA_G
ClientSampleId :
061418-DBRC-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	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

