

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
 Data File : BG035253.D
 Acq On : 19 Jun 2018 18:21
 Operator : SJ/JU
 Sample : J3546-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jun 19 22:28:35 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

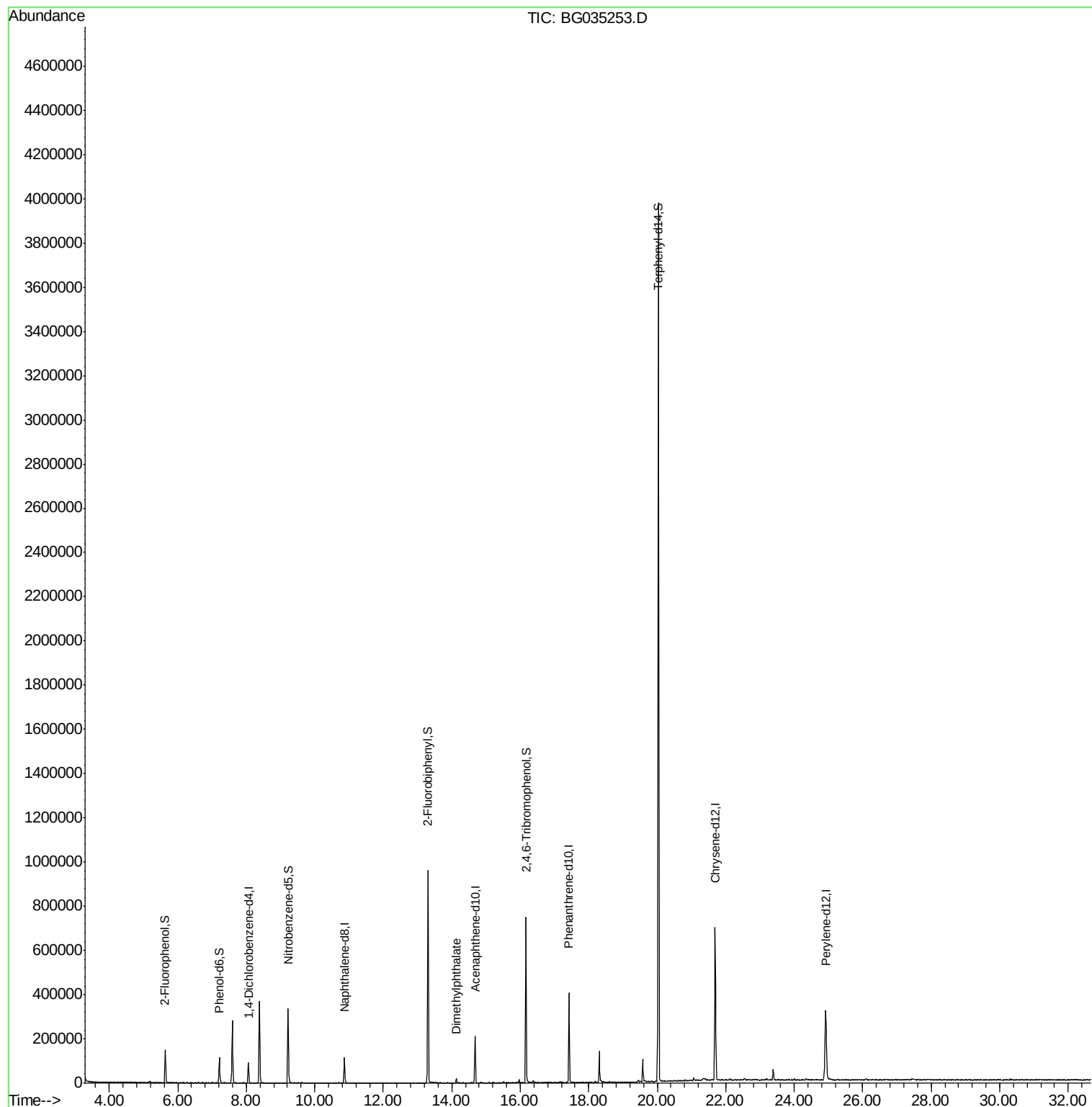
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26133	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	98755	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	75712	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	265736	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	446688	20.00	ng	-0.02
86) Perylene-d12	24.92	264	368370	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	69864	45.12	ng	-0.01
7) Phenol-d6	7.21	99	69740	30.51	ng	-0.01
23) Nitrobenzene-d5	9.22	82	227784	109.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	135114	139.41	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	536210	92.07	ng	-0.02
78) Terphenyl-d14	20.04	244	1876769	88.01	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.13	163	13797	2.090	ng	99

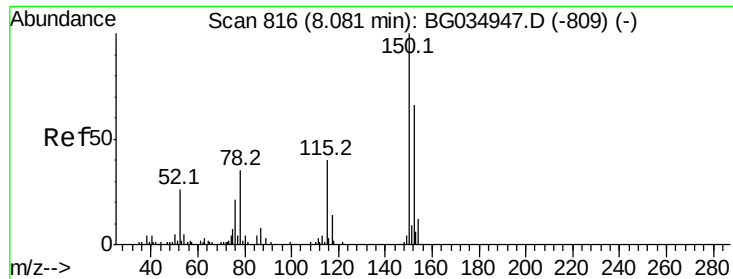
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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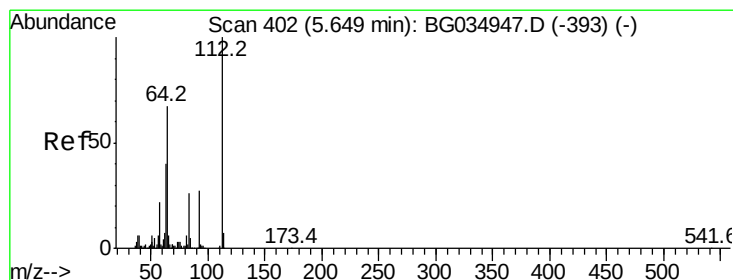
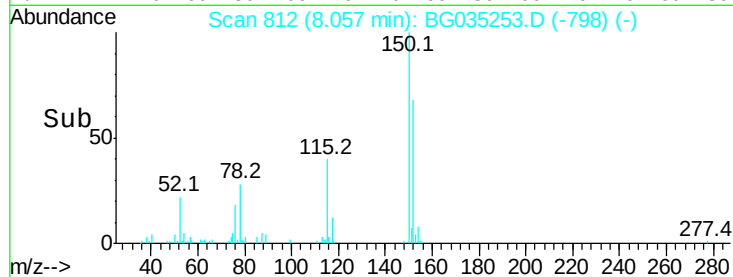
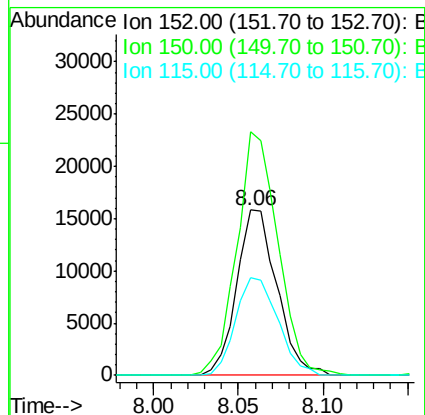
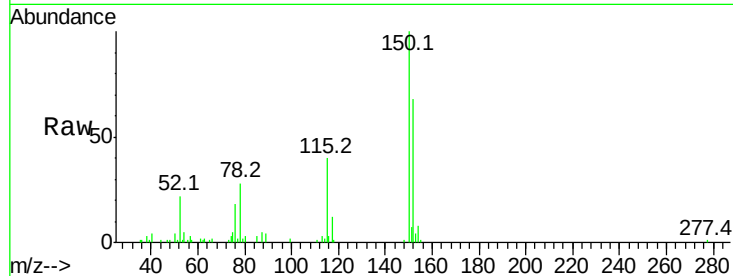


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035253.D
Acq: 19 Jun 2018 18:21

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

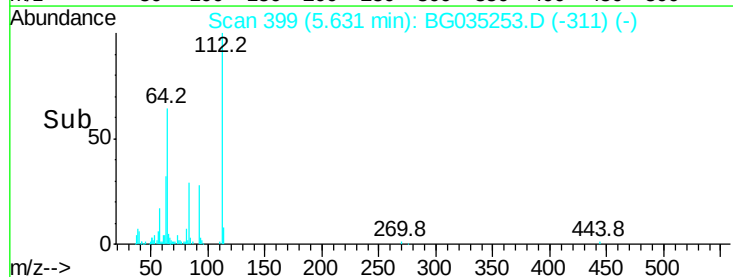
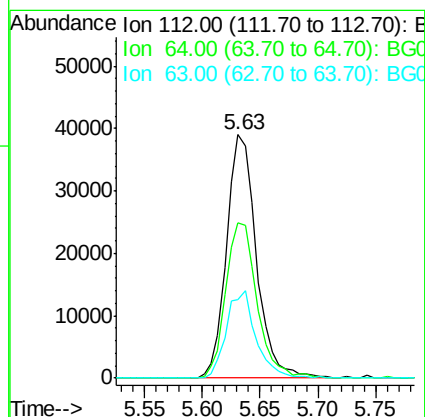
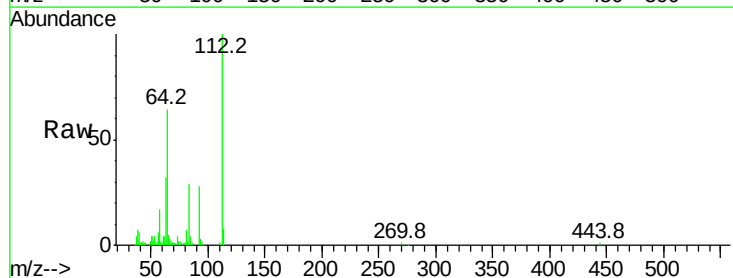
Tot Ion:152 Resp: 26133
Ion Ratio Lower Upper
152 100
150 147.5 126.6 189.8
115 59.6 53.0 79.4

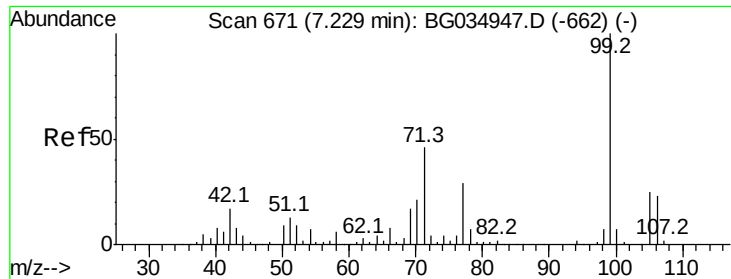


#5

2-Fluorophenol
Concen: 45.117 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035253.D
Acq: 19 Jun 2018 18:21

Tgt Ion:112 Resp: 69864
Ion Ratio Lower Upper
112 100
64 63.9 56.3 84.5
63 32.2 30.1 45.1





#7

Phenol-d6

Concen: 30.514 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-S

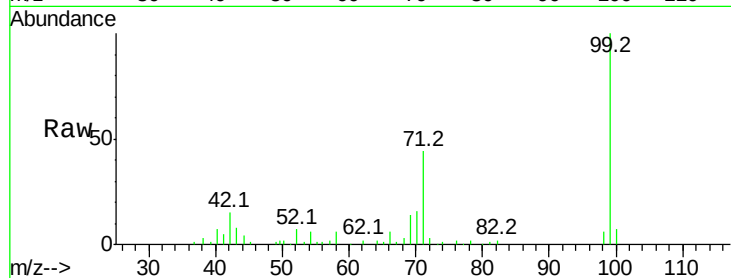
Tot Ion: 99 Resp: 69740

Ion Ratio Lower Upper

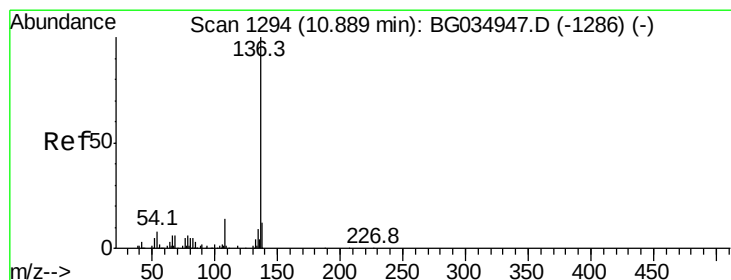
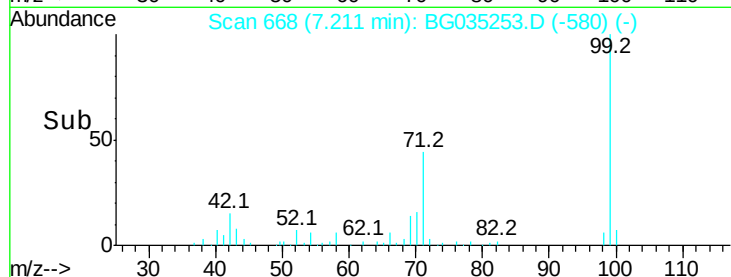
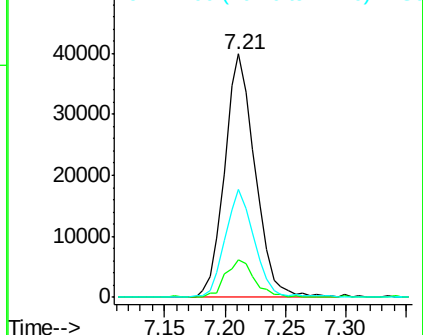
99 100

42 15.4 14.1 21.1

71 44.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

Tgt Ion:136 Resp: 98755

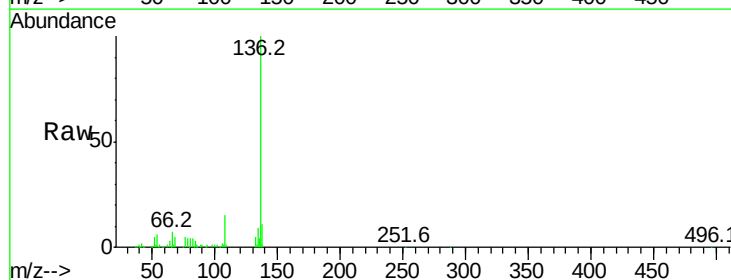
Ion Ratio Lower Upper

136 100

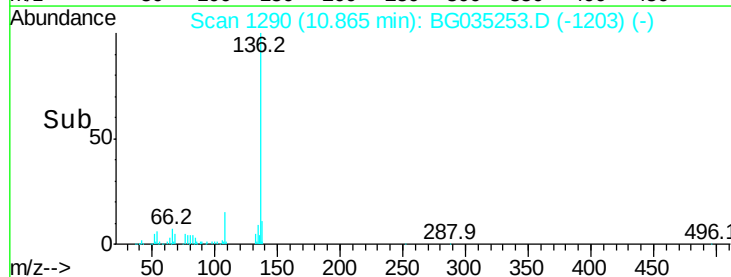
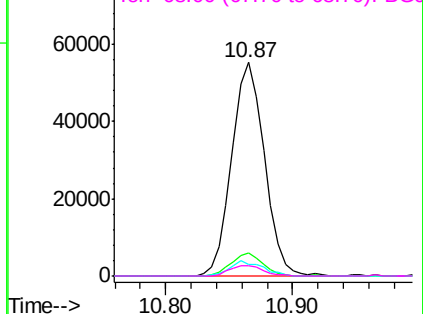
137 11.0 9.2 13.8

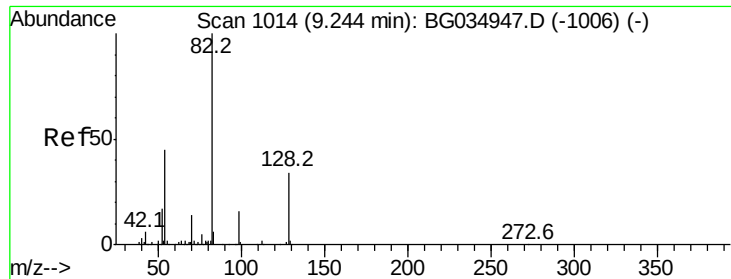
54 5.7 10.3 15.5#

68 5.0 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

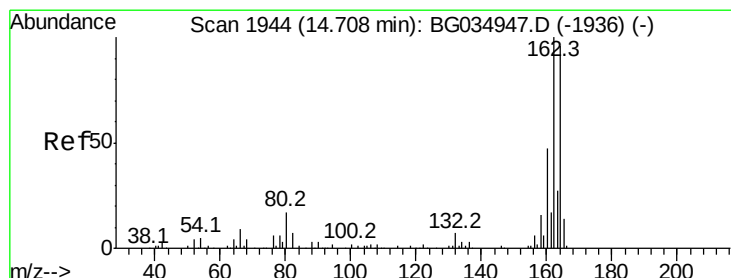
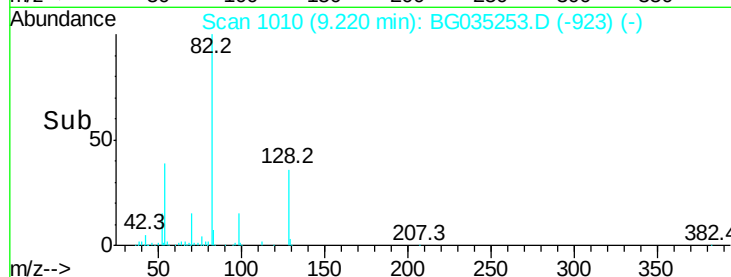
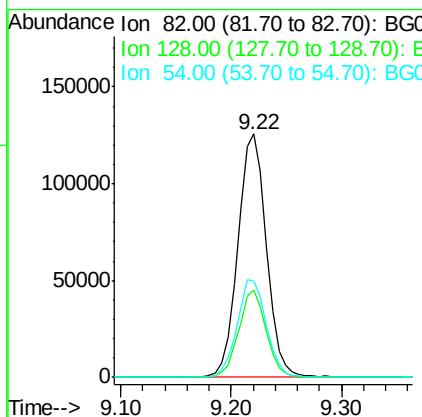
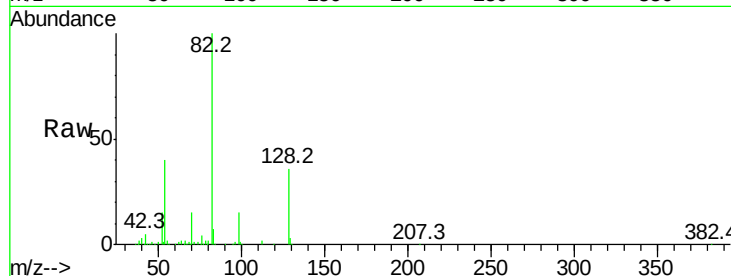




#23
 Nitrobenzene-d5
 Concen: 109.641 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035253.D
 Acq: 19 Jun 2018 18:21

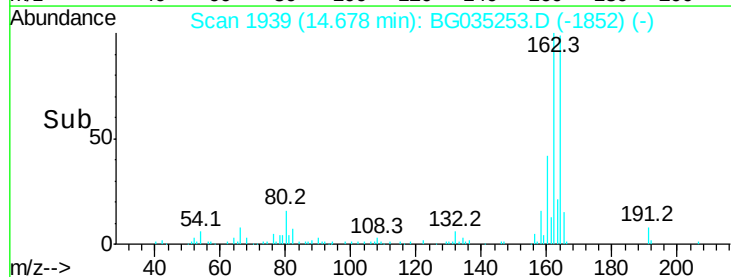
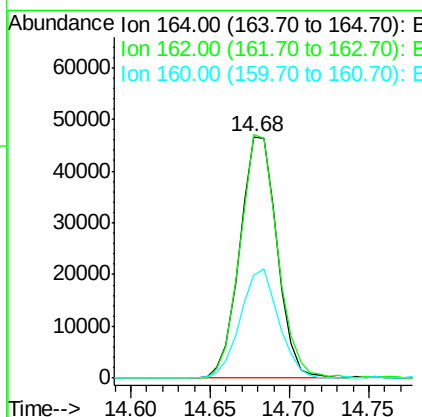
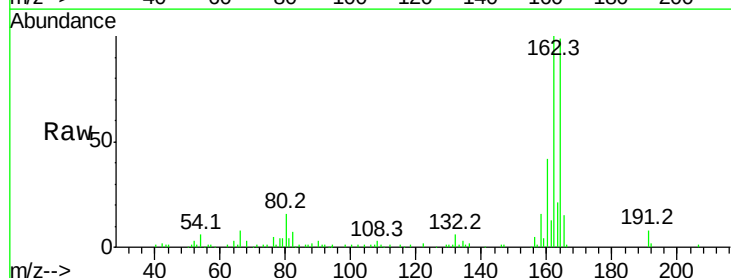
Instrument :
 BNA_G
 ClientSampleId :
 061418-DBRC-F-D-S

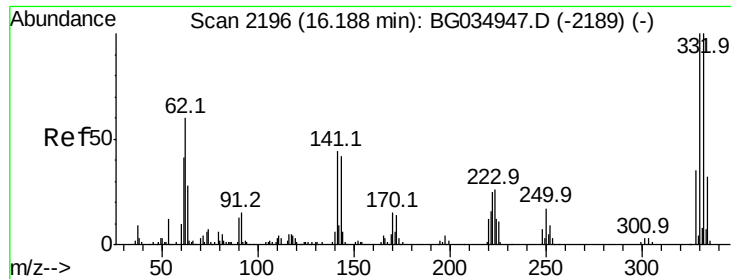
Tot Ion: 82 Resp: 227784
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.7 44.5
 54 39.6 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035253.D
 Acq: 19 Jun 2018 18:21

Tgt Ion:164 Resp: 75712
 Ion Ratio Lower Upper
 164 100
 162 100.8 78.8 118.2
 160 42.4 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 139.406 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-S

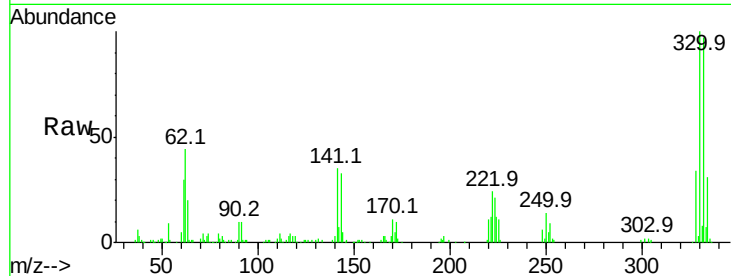
Tot Ion:330 Resp: 135114

Ion Ratio Lower Upper

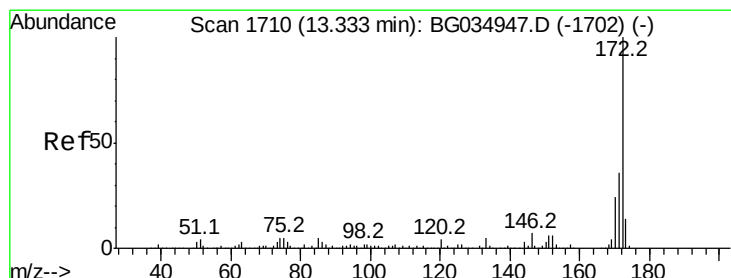
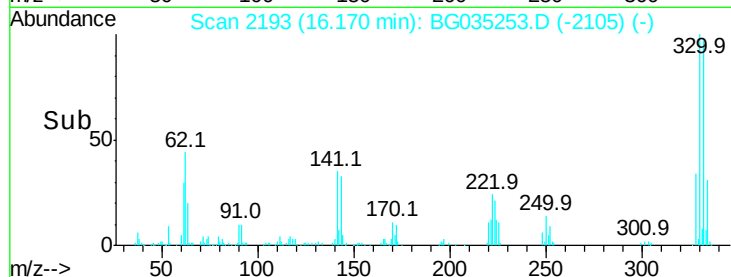
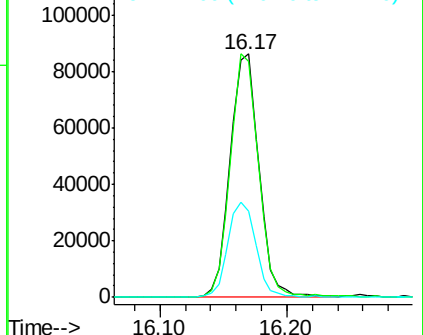
330 100

332 98.6 77.0 115.6

141 38.0 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: 92.069 ng

RT: 13.30 min Scan# 1705

Delta R.T. -0.02 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

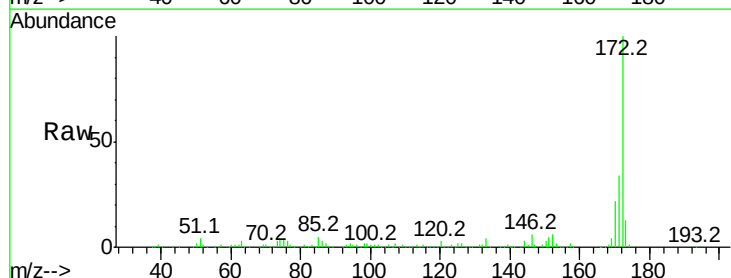
Tgt Ion:172 Resp: 536210

Ion Ratio Lower Upper

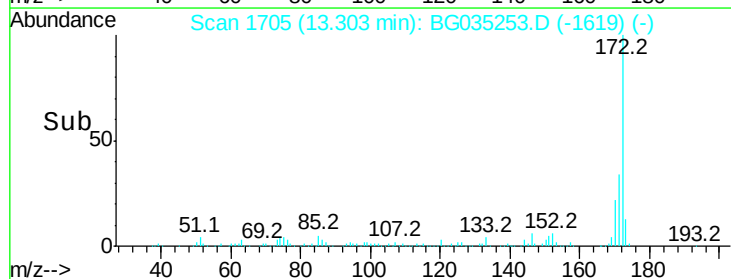
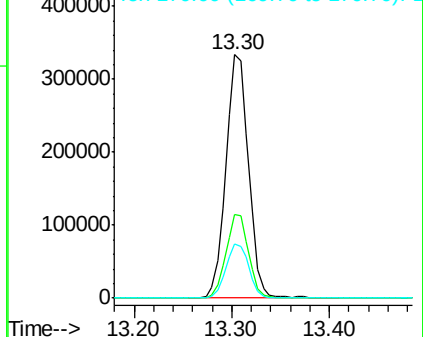
172 100

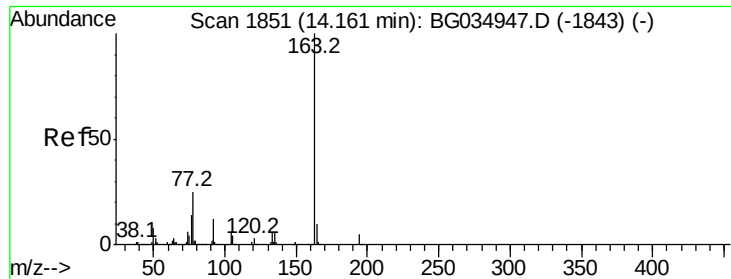
171 34.2 30.0 45.0

170 22.2 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: 2.090 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-S

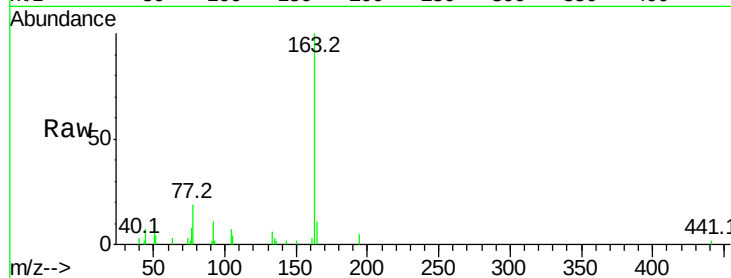
Tot Ion:163 Resp: 13797

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

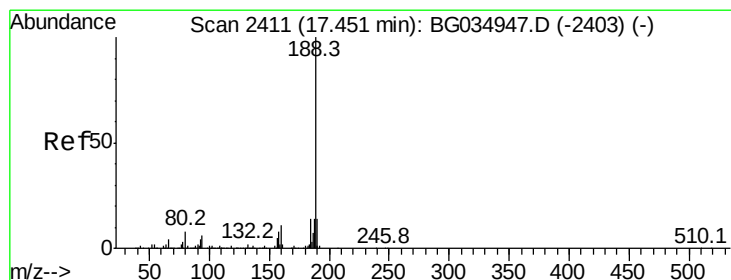
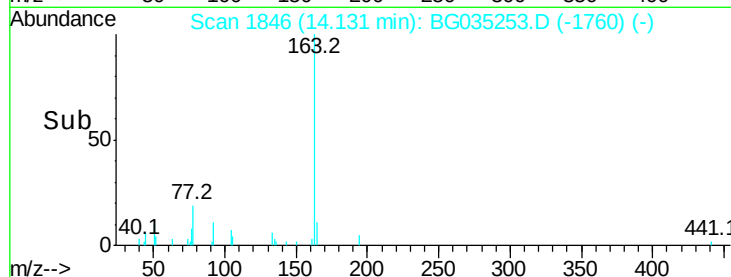
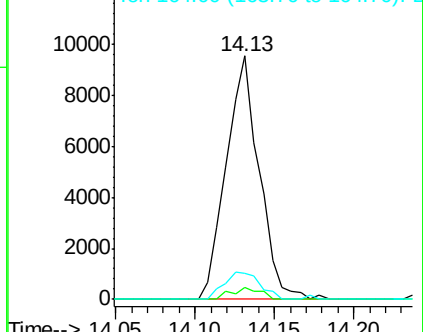
164 10.8 8.2 12.4



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: BG035253.D

Acq: 19 Jun 2018 18:21

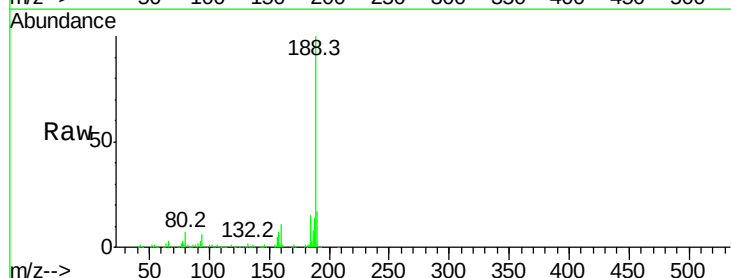
Tgt Ion:188 Resp: 265736

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

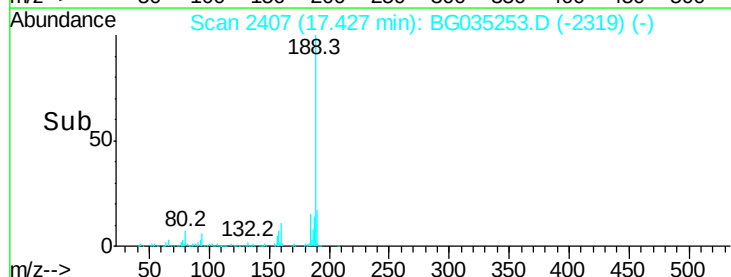
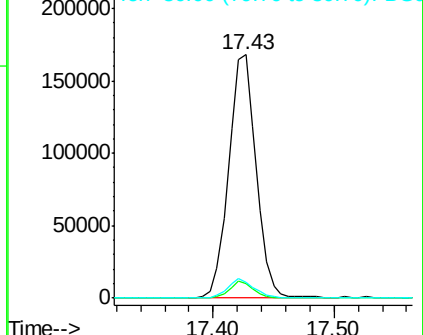
80 6.6 7.7 11.5#

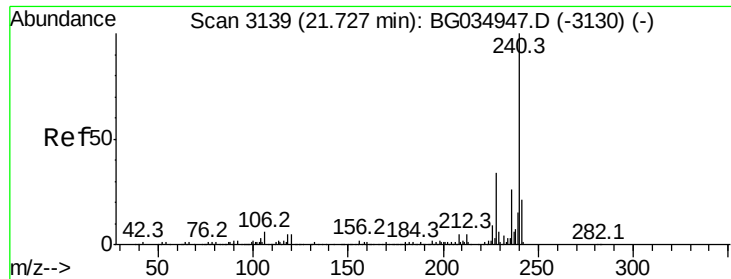


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.02 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-S

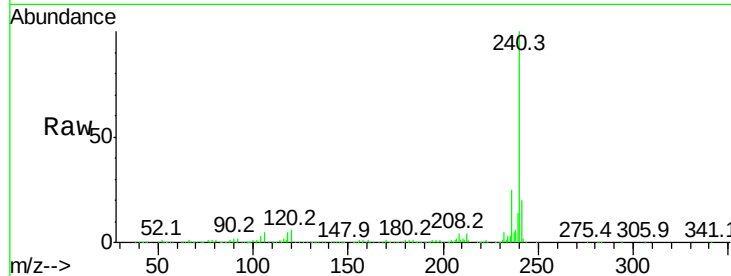
Tot Ion:240 Resp: 446688

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

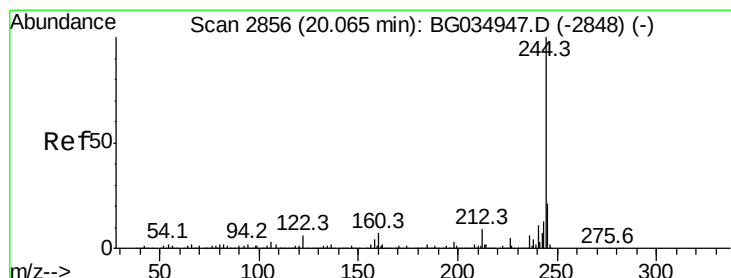
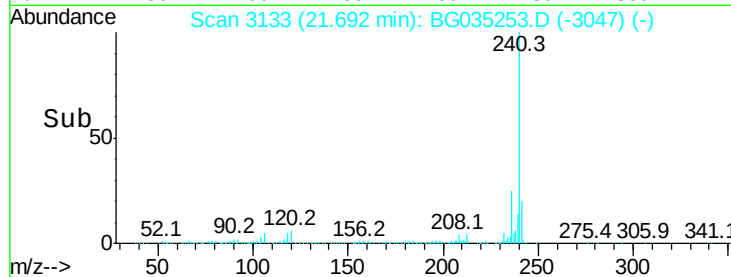
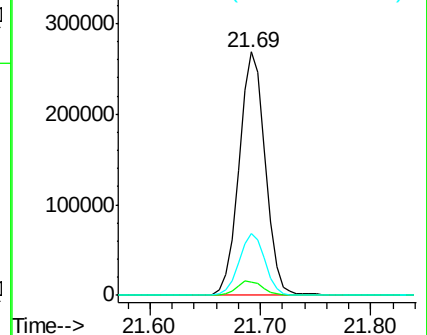
236 25.4 20.9 31.3



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: 88.008 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

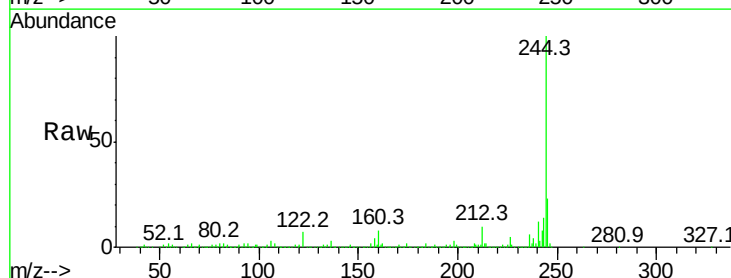
Tgt Ion:244 Resp: 1876769

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

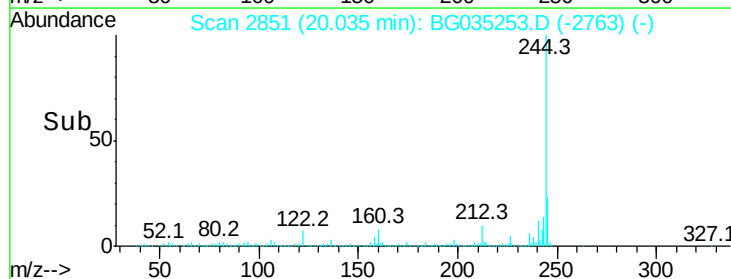
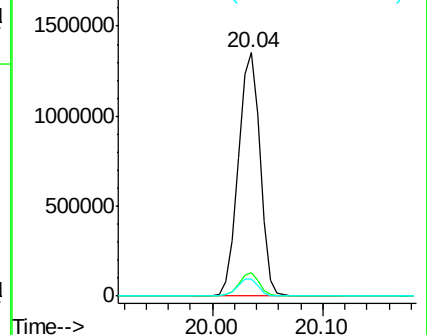
122 6.9 7.0 10.4#

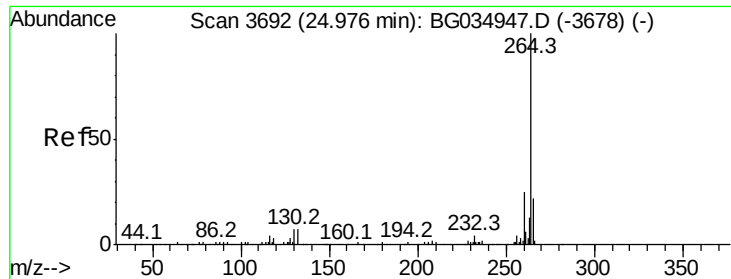


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

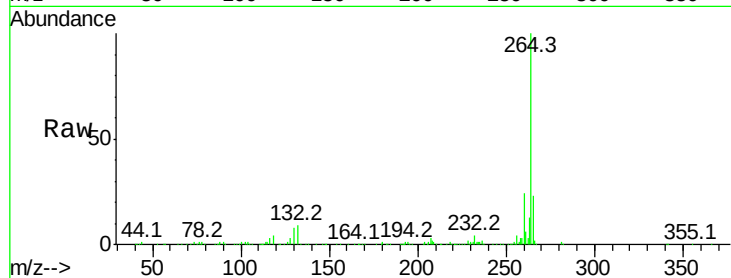




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.04 min
 Lab File: BG035253.D
 Acq: 19 Jun 2018 18:21

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

Tot Ion:264 Resp: 368370
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 22.6 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

