

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035202.D
 Acq On : 16 Jun 2018 11:10
 Operator : SJ/JU
 Sample : J3498-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-D-S

Quant Time: Jun 18 02:16:51 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	46341	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	180359	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	130808	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	363364	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	395286	20.00	ng	-0.03
86) Perylene-d12	24.93	264	304348	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	378202	137.73	ng	0.00
7) Phenol-d6	7.22	99	509709	125.76	ng	0.00
23) Nitrobenzene-d5	9.22	82	430492	113.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	263787	157.53	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	990340	98.42	ng	-0.02
78) Terphenyl-d14	20.03	244	1882365	99.75	ng	-0.02

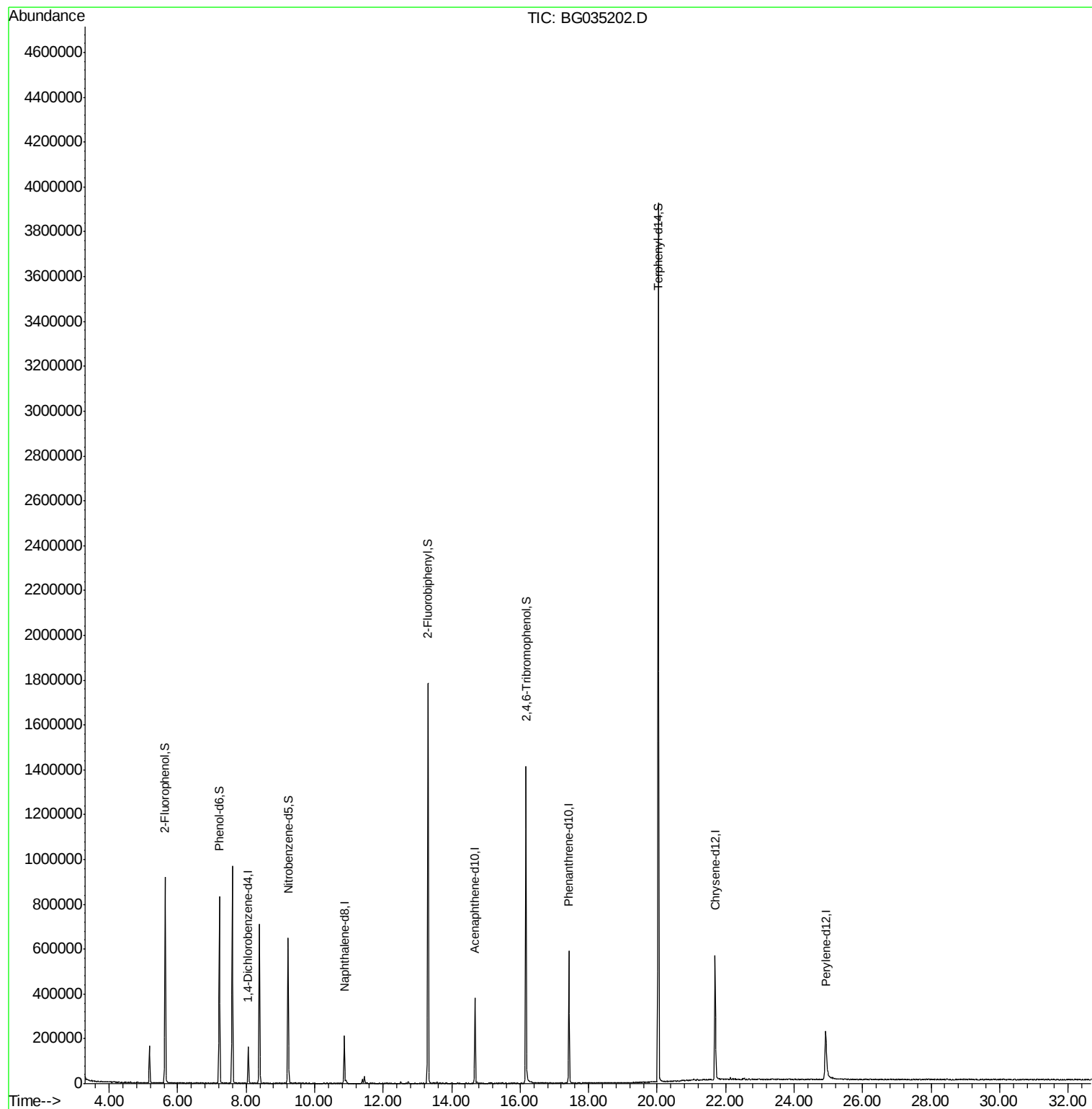
Target Compounds Qvalue

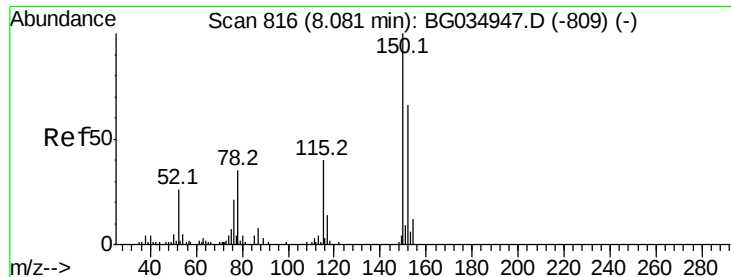
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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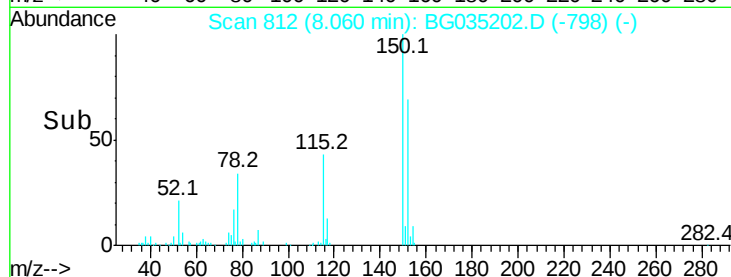
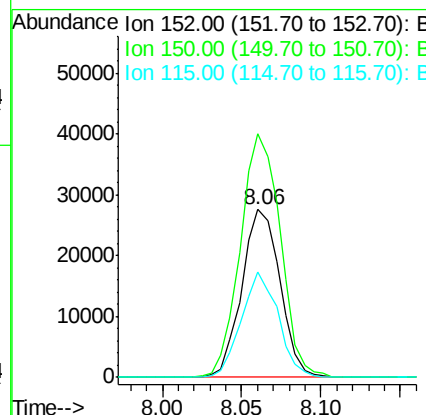
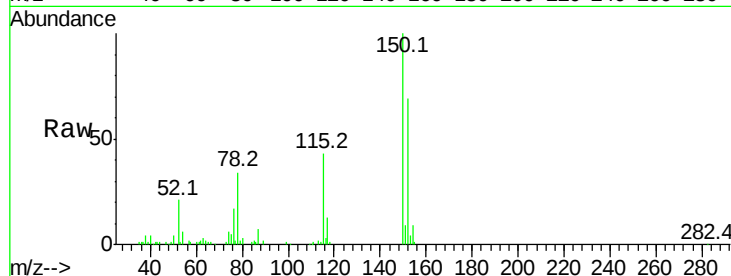


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035202.D
Acq: 16 Jun 2018 11:10

Instrument :
BNA_G
ClientSampleId :
TP-D-S

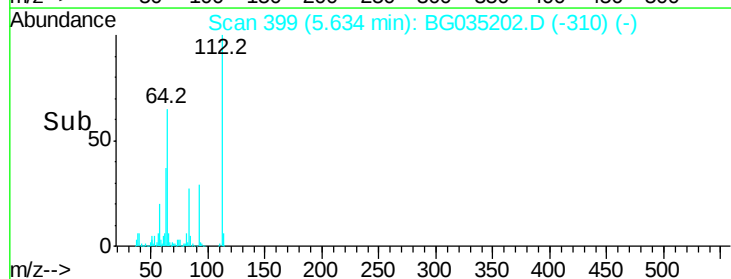
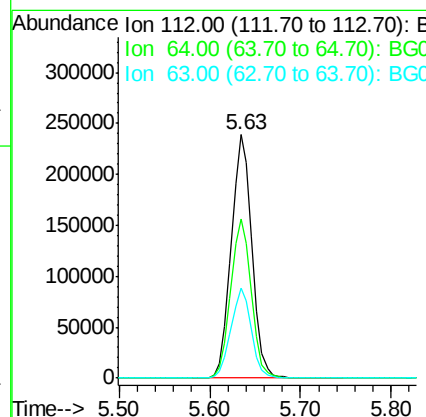
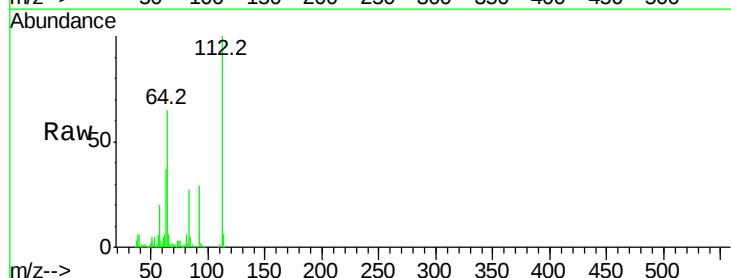
Tot Ion:152 Resp: 46341
Ion Ratio Lower Upper
152 100
150 144.9 126.6 189.8
115 62.9 53.0 79.4

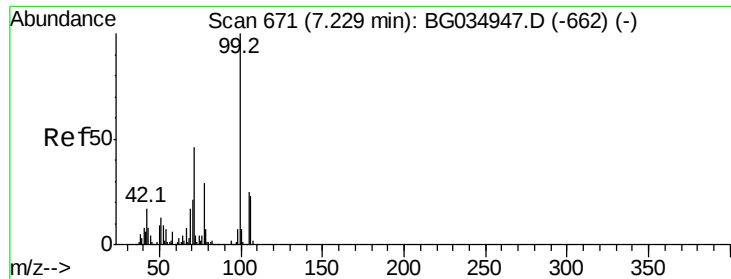


#5

2-Fluorophenol
Concen: 137.730 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035202.D
Acq: 16 Jun 2018 11:10

Tgt Ion:112 Resp: 378202
Ion Ratio Lower Upper
112 100
64 65.1 56.3 84.5
63 36.8 30.1 45.1





#7

Phenol-d6

Concen: 125.765 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035202.D

Acq: 16 Jun 2018 11:10

Instrument :

BNA_G

ClientSampleId :

TP-D-S

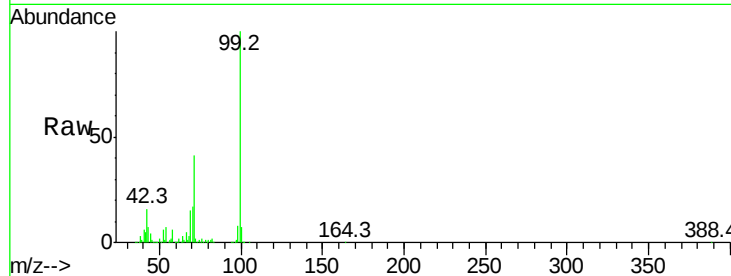
Tot Ion: 99 Resp: 509709

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

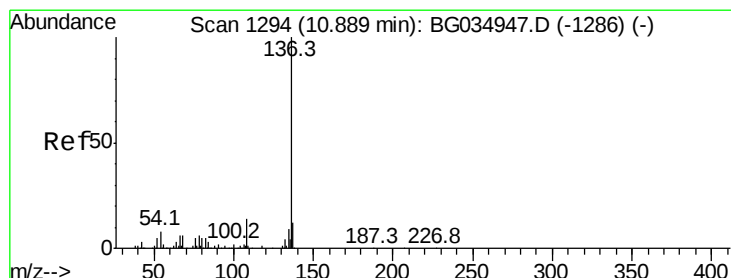
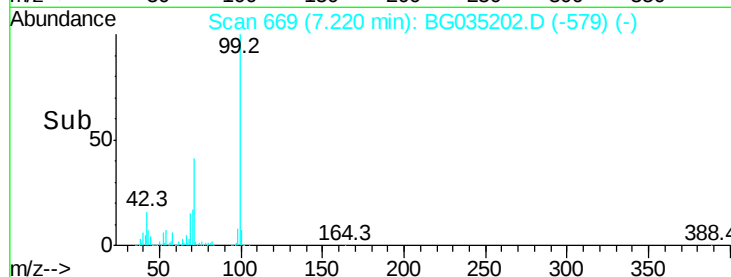
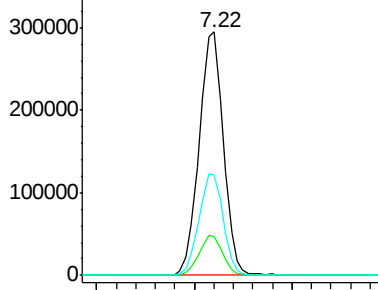
71 41.1 26.1 39.1#



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: BG035202.D

Acq: 16 Jun 2018 11:10

Tgt Ion: 136 Resp: 180359

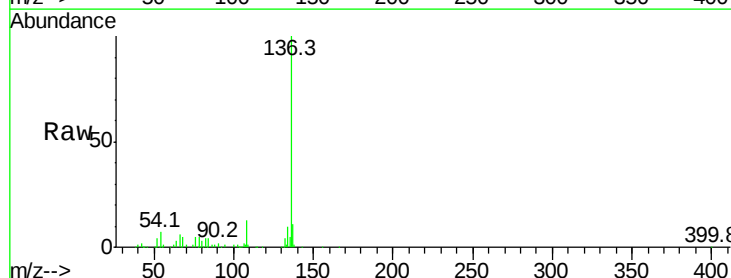
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 6.6 10.3 15.5#

68 5.4 4.5 6.7

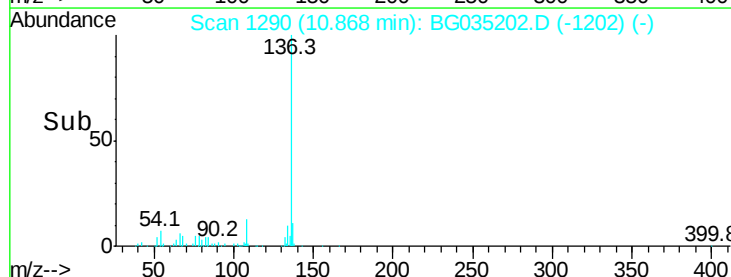
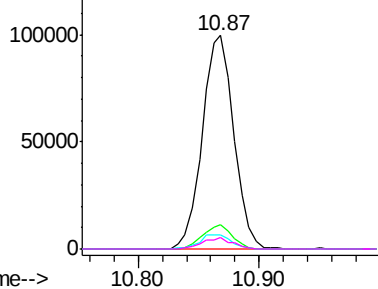


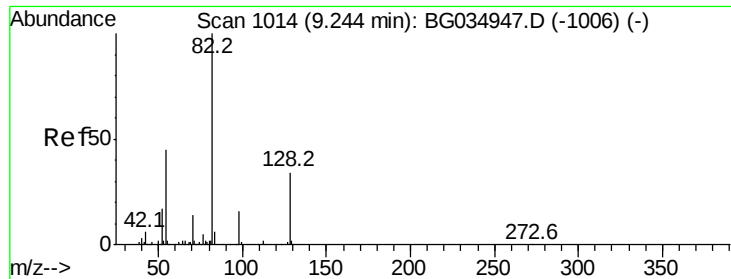
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

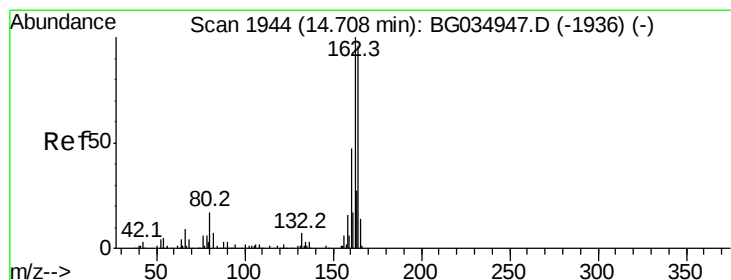
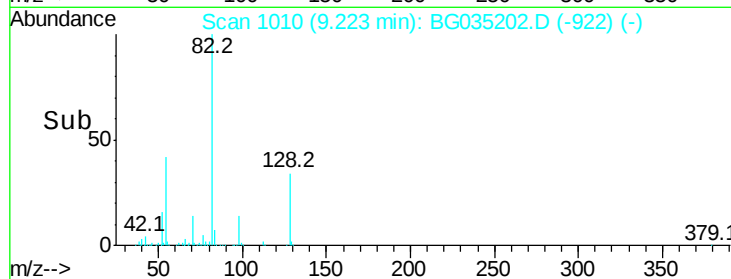
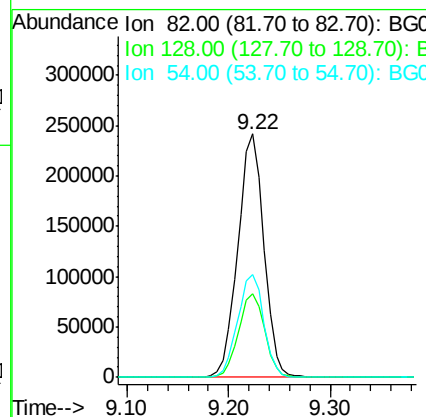
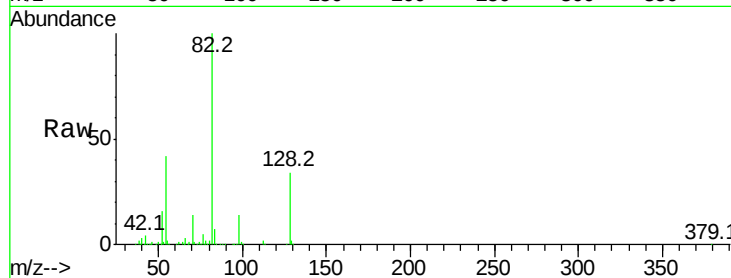




#23
Nitrobenzene-d5
Concen: 113.458 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035202.D
Acq: 16 Jun 2018 11:10

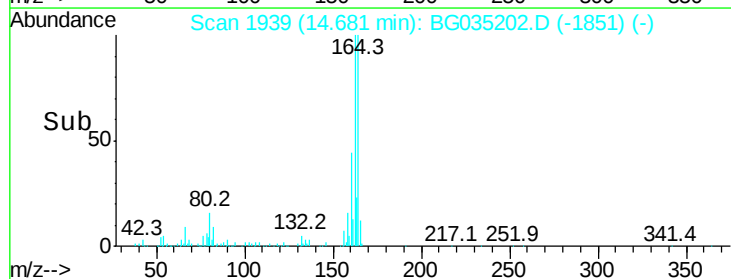
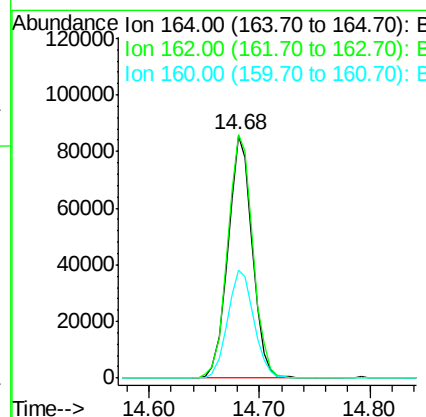
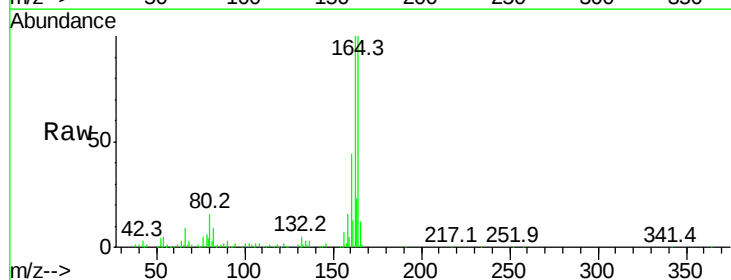
Instrument :
BNA_G
ClientSampleId :
TP-D-S

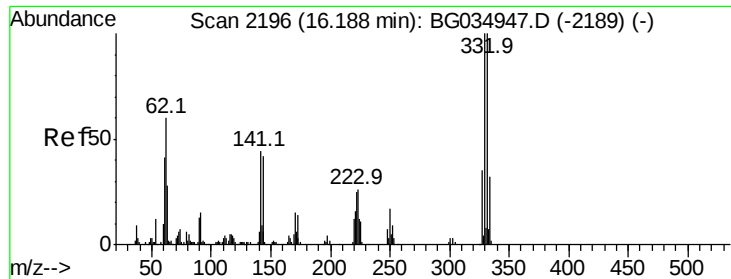
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	42.4	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035202.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	44.6	35.4	53.0

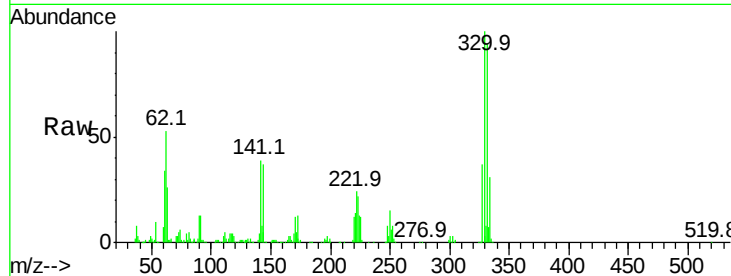




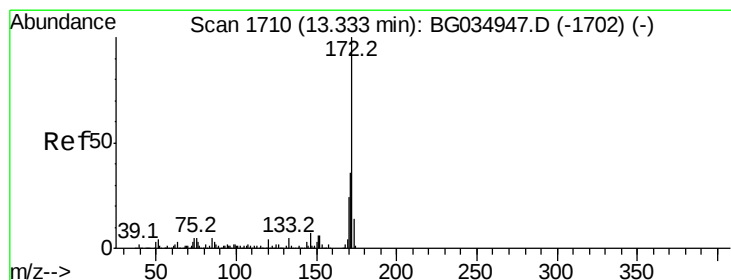
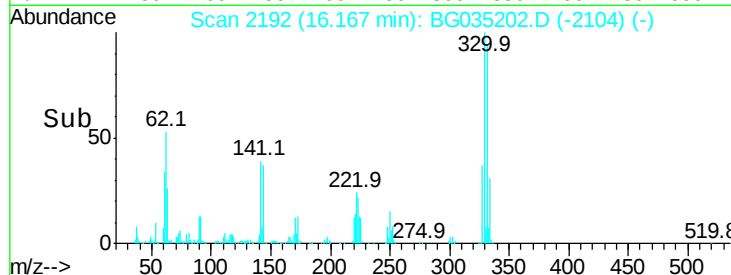
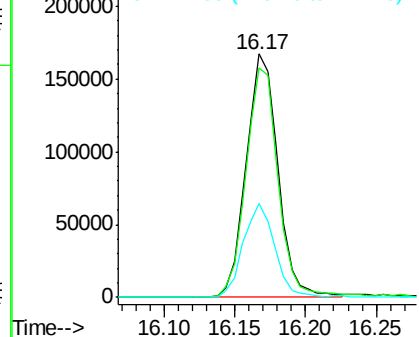
#41
 2,4,6-Tribromophenol
 Concen: 157.531 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035202.D
 Acq: 16 Jun 2018 11:10

Instrument :
 BNA_G
 ClientSampleId :
 TP-D-S

Tot Ion:330 Resp: 263787
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 38.7 25.2 37.8#

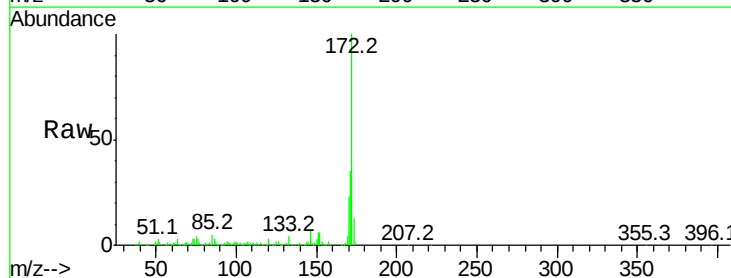


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

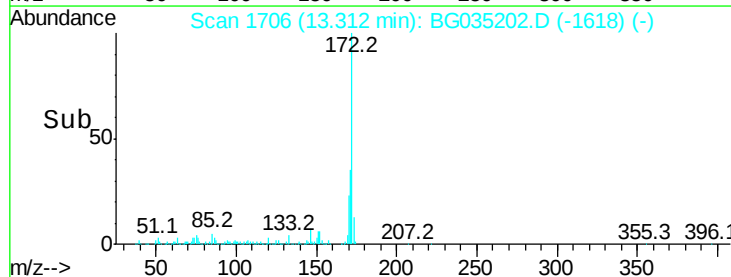
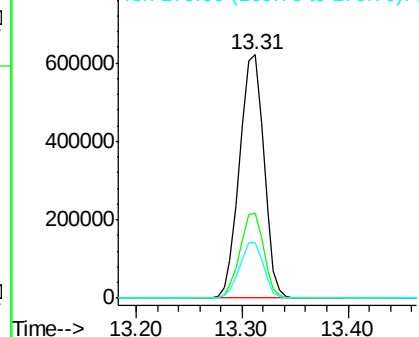


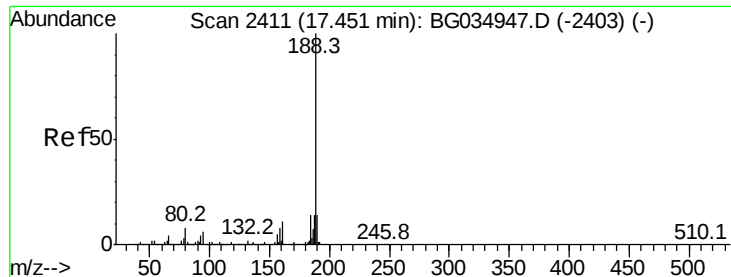
#44
 2-Fluorobiphenyl
 Concen: 98.422 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035202.D
 Acq: 16 Jun 2018 11:10

Tgt Ion:172 Resp: 990340
 Ion Ratio Lower Upper
 172 100
 171 34.9 30.0 45.0
 170 22.5 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035202.D

Acq: 16 Jun 2018 11:10

Instrument :

BNA_G

ClientSampleId :

TP-D-S

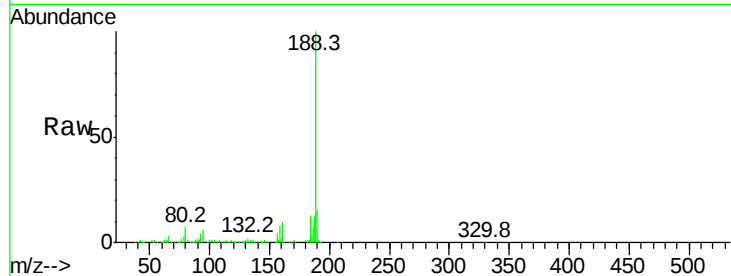
Tot Ion:188 Resp: 363364

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

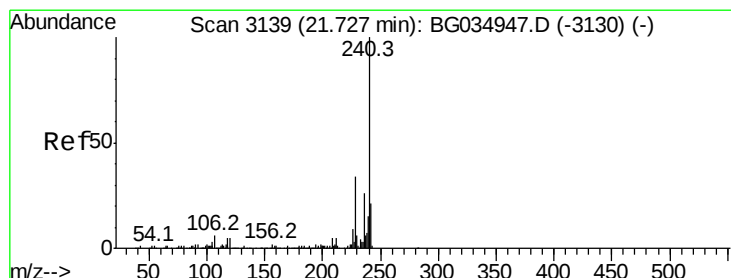
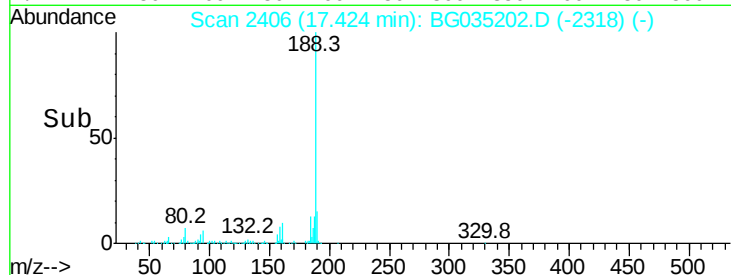
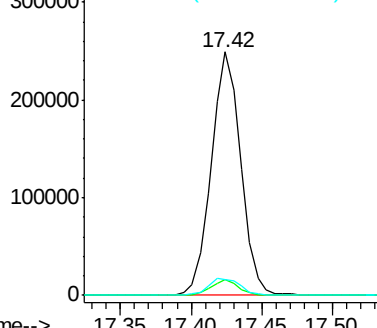
80 6.6 7.7 11.5#



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# 3132

Delta R.T. -0.03 min

Lab File: BG035202.D

Acq: 16 Jun 2018 11:10

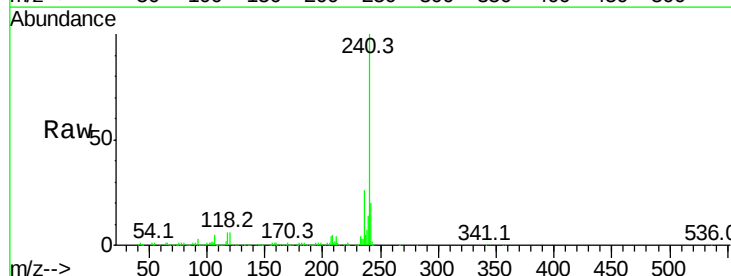
Tgt Ion:240 Resp: 395286

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

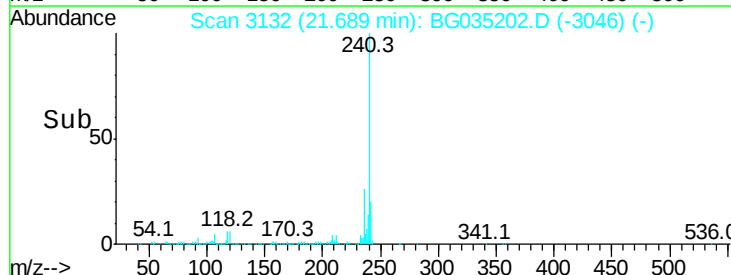
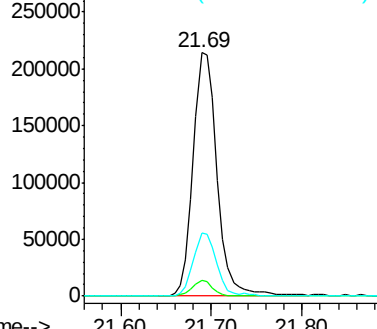
236 26.0 20.9 31.3

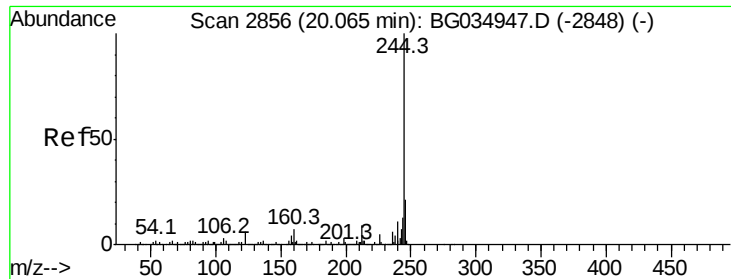


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.749 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035202.D

Acq: 16 Jun 2018 11:10

Instrument :

BNA_G

ClientSampleId :

TP-D-S

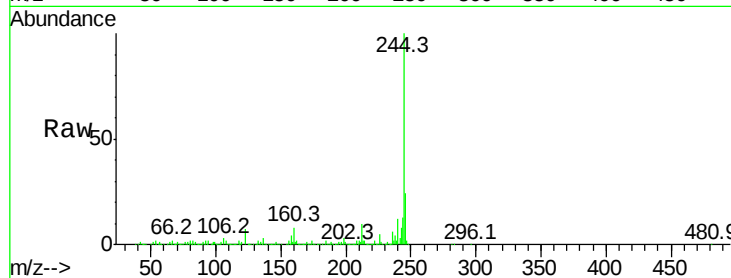
Tot Ion:244 Resp: 1882365

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

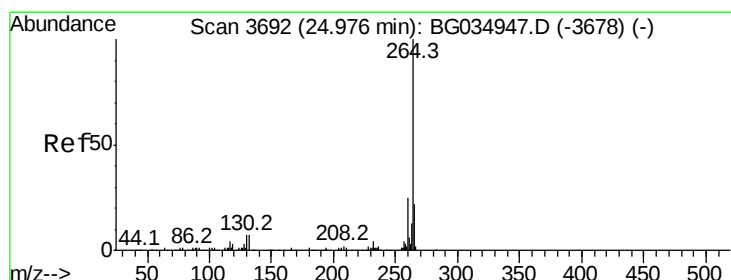
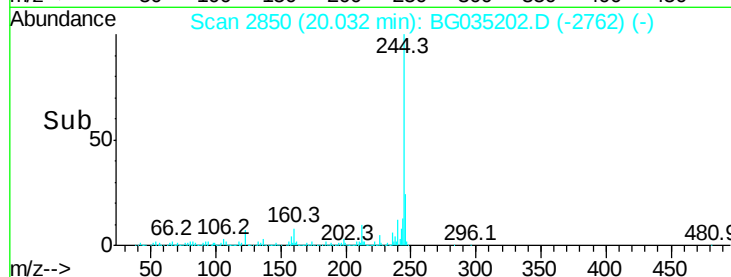
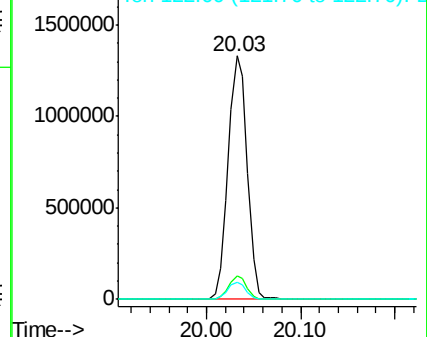
122 6.9 7.0 10.4#



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: 24.93 min Scan# 3683

Delta R.T. -0.03 min

Lab File: BG035202.D

Acq: 16 Jun 2018 11:10

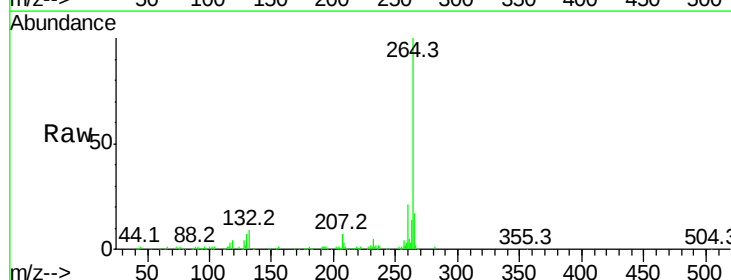
Tgt Ion:264 Resp: 304348

Ion Ratio Lower Upper

264 100

260 21.4 17.4 26.0

265 17.5 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

