

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
 Data File : BG035260.D
 Acq On : 19 Jun 2018 22:54
 Operator : SJ/JU
 Sample : PB110338TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110338TB

Quant Time: Jun 20 01:23:46 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	8.07	152	11990	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	46216	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	34799	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	165344	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	421505	20.00	ng	-0.03
86) Perylene-d12	24.92	264	360147	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	103421	145.57	ng	-0.02
7) Phenol-d6	7.21	99	163935	156.33	ng	-0.02
23) Nitrobenzene-d5	9.22	82	90813	93.40	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	114429	256.87	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	242890	90.74	ng	-0.02
78) Terphenyl-d14	20.03	244	1533984	76.23	ng	-0.02

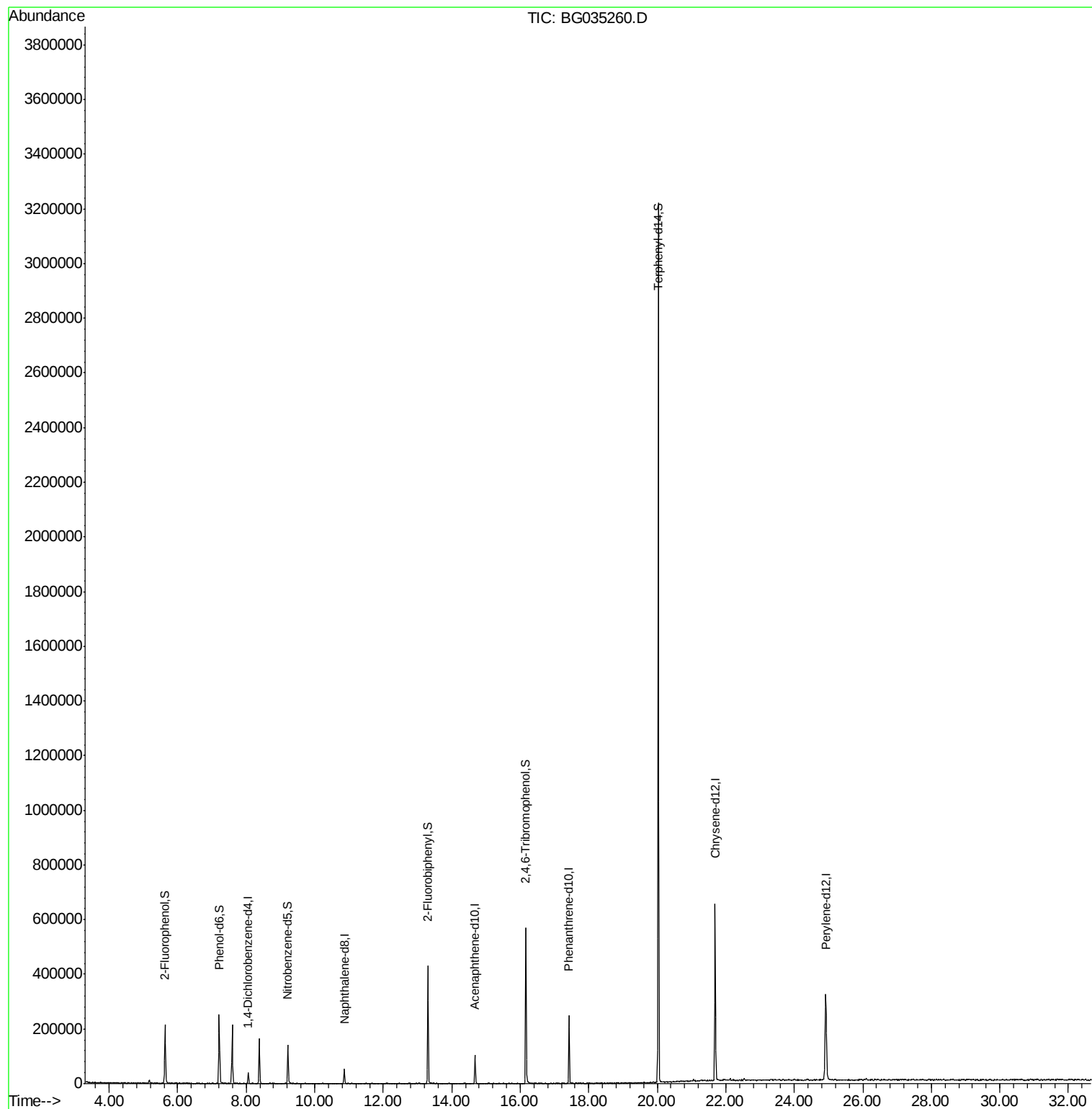
Target Compounds Qvalue

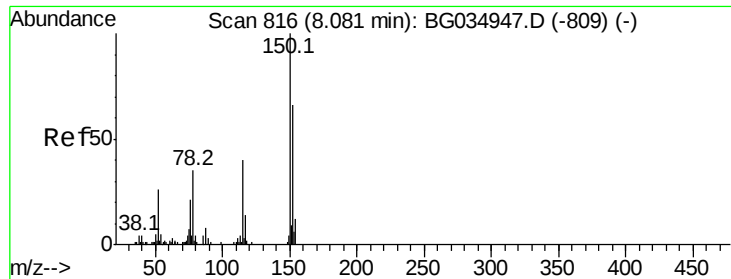
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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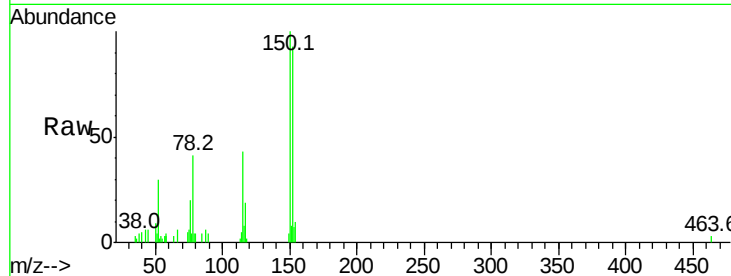


#1

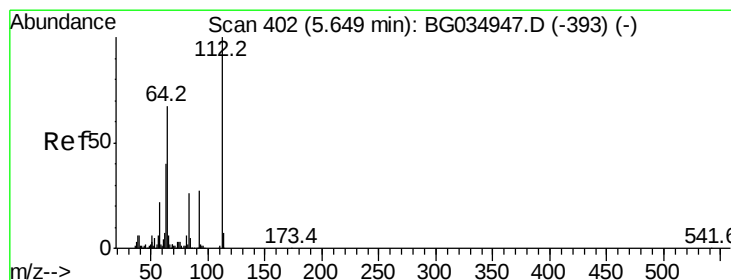
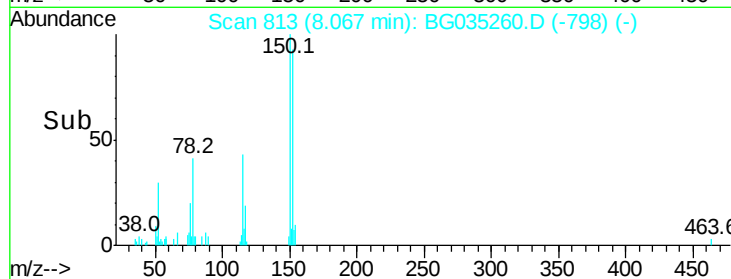
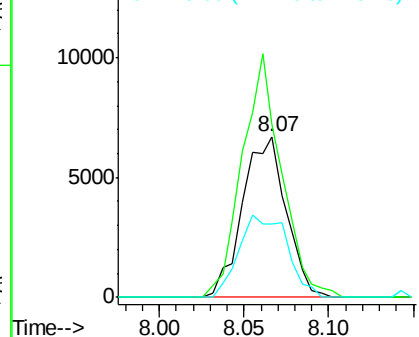
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035260.D
Acq: 19 Jun 2018 22:54

Instrument :
BNA_G
ClientSampleId :
PB110338TB

Tot Ion:152 Resp: 11990
Ion Ratio Lower Upper
152 100
150 107.6 126.6 189.8#
115 45.8 53.0 79.4#



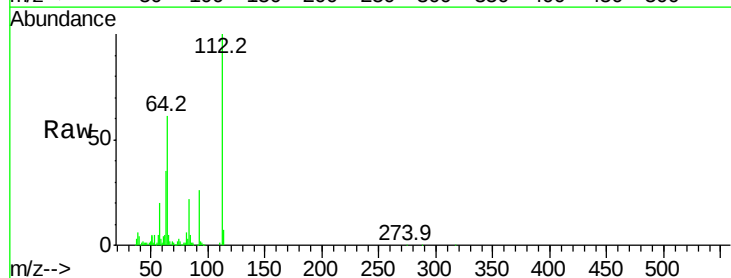
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



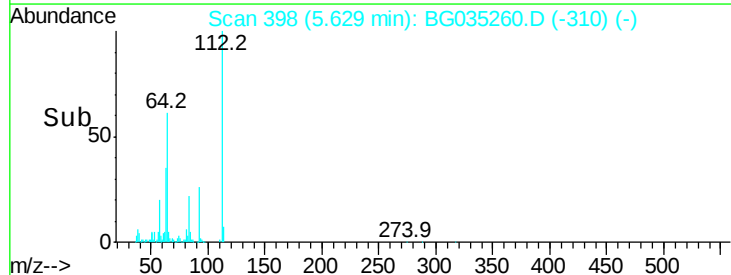
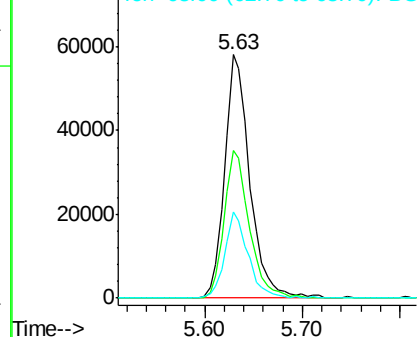
#5

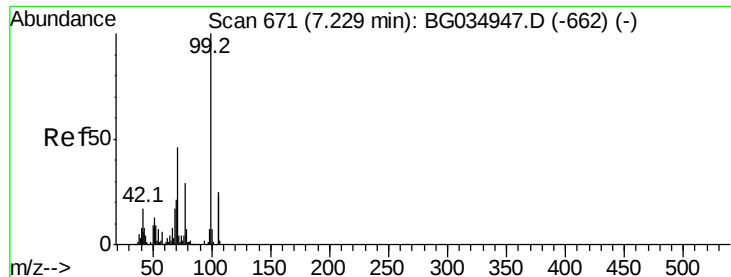
2-Fluorophenol
Concen: 145.566 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035260.D
Acq: 19 Jun 2018 22:54

Tgt Ion:112 Resp: 103421
Ion Ratio Lower Upper
112 100
64 60.5 56.3 84.5
63 35.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 156.335 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

Instrument :

BNA_G

ClientSampleId :

PB110338TB

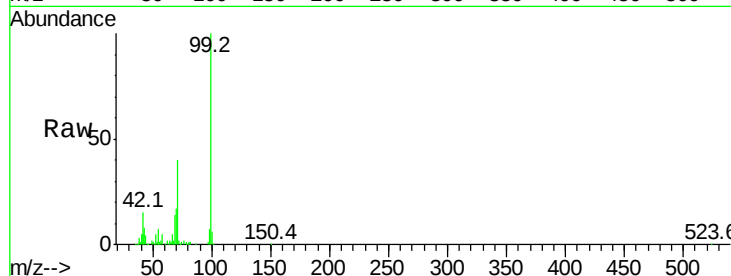
Tot Ion: 99 Resp: 163935

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

71 39.9 26.1 39.1#

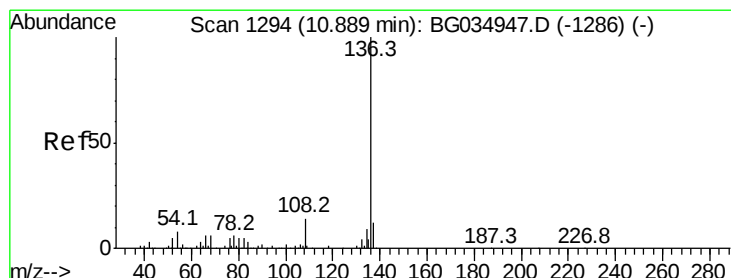
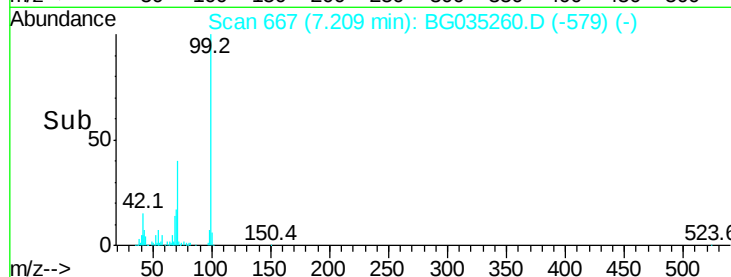
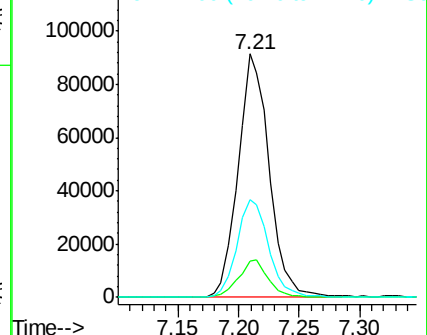


Abundance

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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

Tgt Ion: 136 Resp: 46216

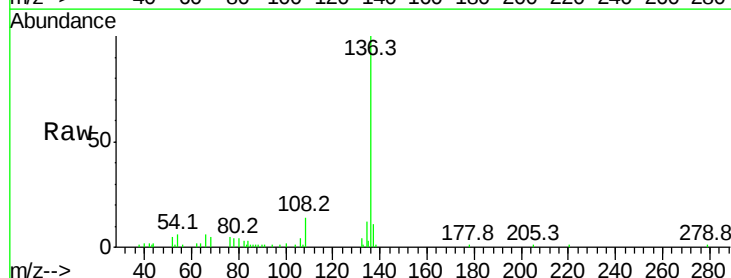
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 5.6 10.3 15.5#

68 5.4 4.5 6.7



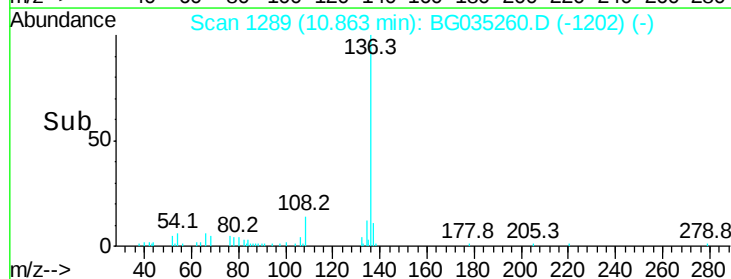
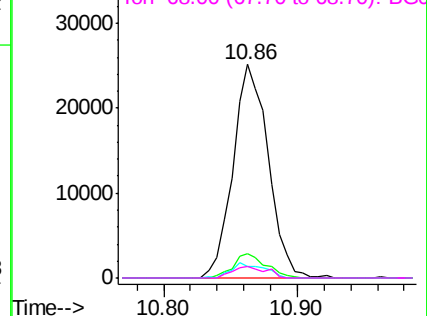
Abundance

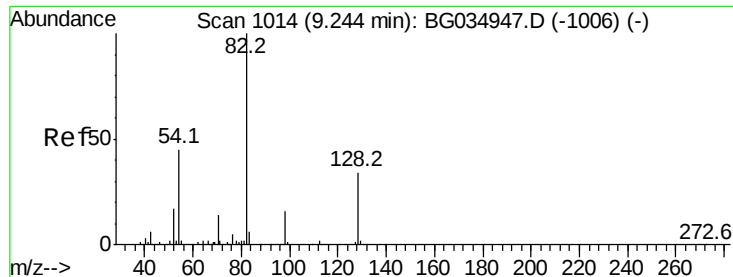
Ion 136.00 (135.70 to 136.70): BGC

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: 93.404 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

Instrument :

BNA_G

ClientSampleId :

PB110338TB

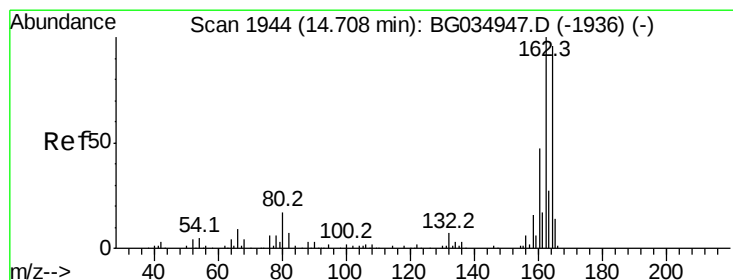
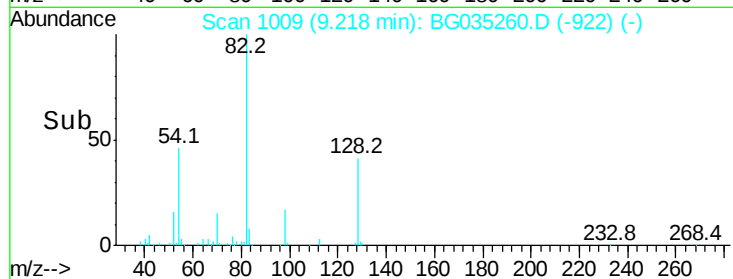
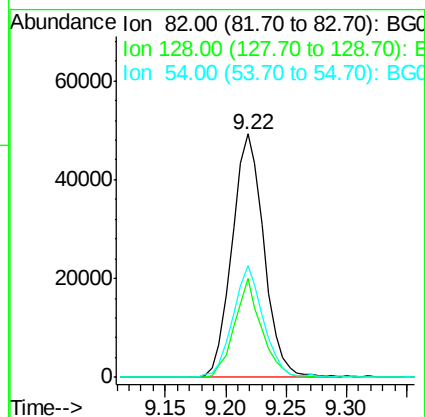
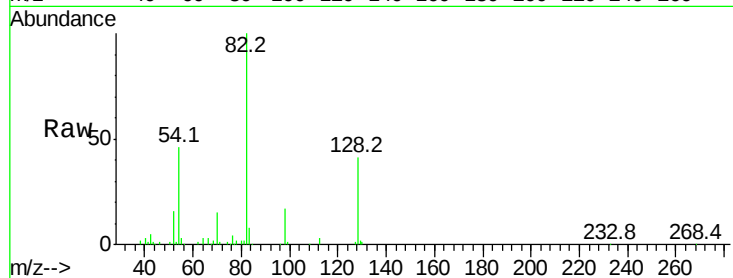
Tot Ion: 82 Resp: 90813

Ion Ratio Lower Upper

82 100

128 40.7 29.7 44.5

54 46.1 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: BG035260.D

Acq: 19 Jun 2018 22:54

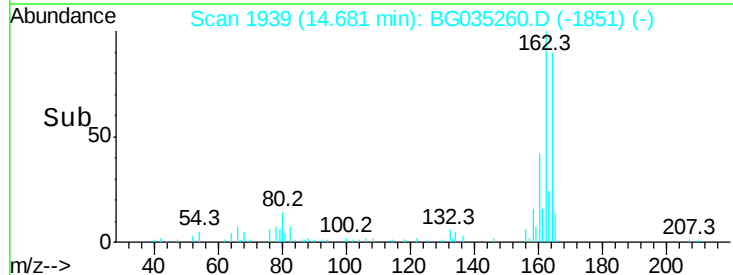
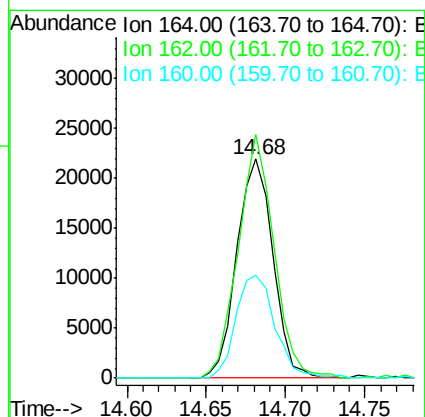
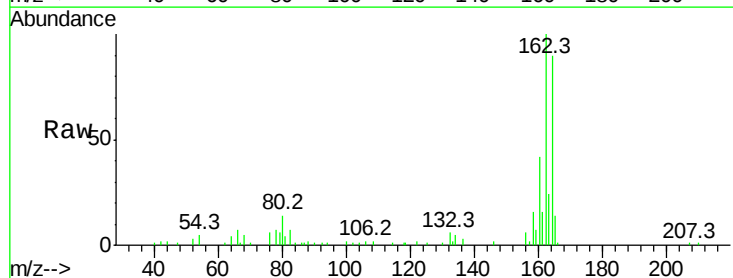
Tgt Ion: 164 Resp: 34799

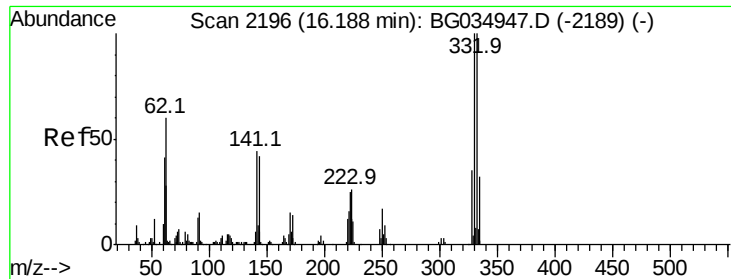
Ion Ratio Lower Upper

164 100

162 111.2 78.8 118.2

160 46.9 35.4 53.0

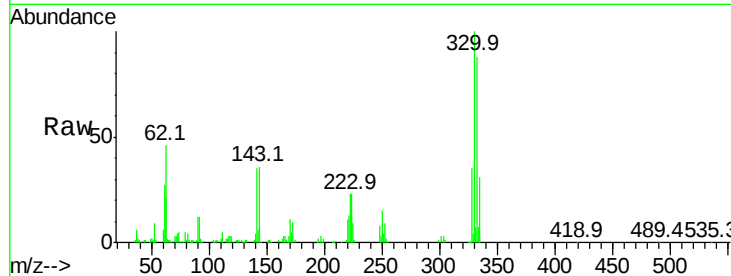




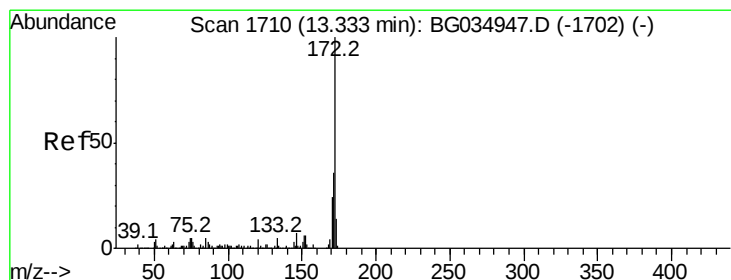
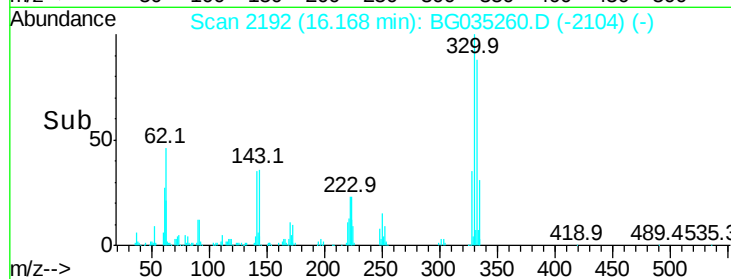
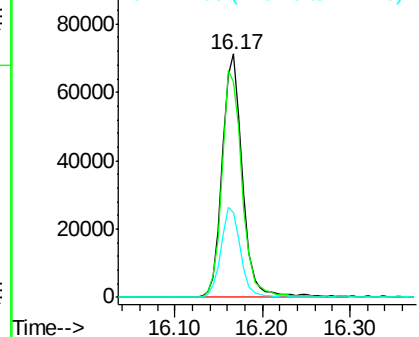
#41
 2,4,6-Tribromophenol
 Concen: 256.872 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035260.D
 Acq: 19 Jun 2018 22:54

Instrument :
 BNA_G
 ClientSampleId :
 PB110338TB

Tot Ion:330 Resp: 114429
 Ion Ratio Lower Upper
 330 100
 332 92.8 77.0 115.6
 141 36.0 25.2 37.8

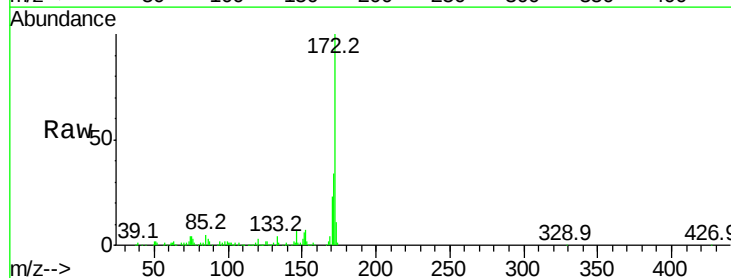


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

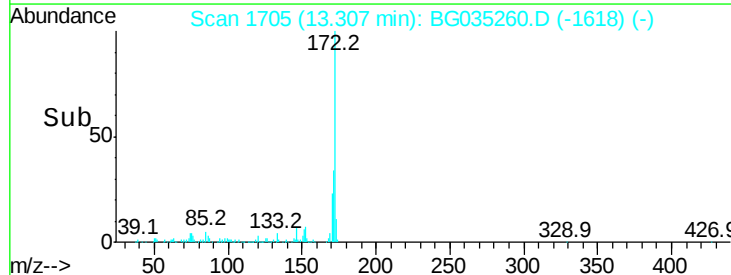
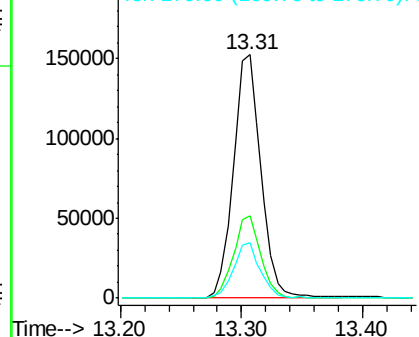


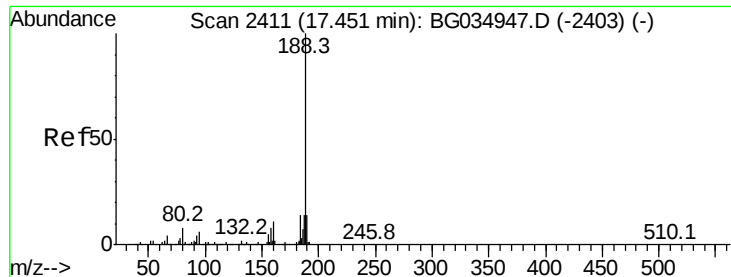
#44
 2-Fluorobiphenyl
 Concen: 90.737 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035260.D
 Acq: 19 Jun 2018 22:54

Tgt Ion:172 Resp: 242890
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.0 45.0
 170 23.0 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: BG035260.D

Acq: 19 Jun 2018 22:54

Instrument :

BNA_G

ClientSampleId :

PB110338TB

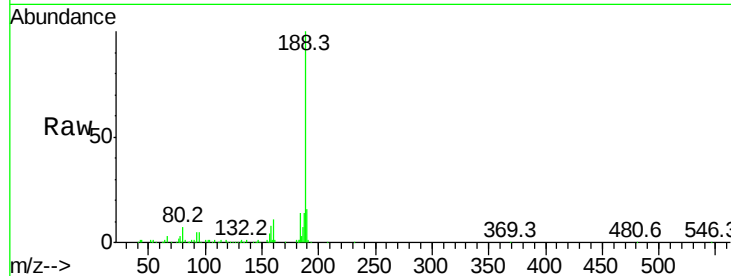
Tot Ion:188 Resp: 165344

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

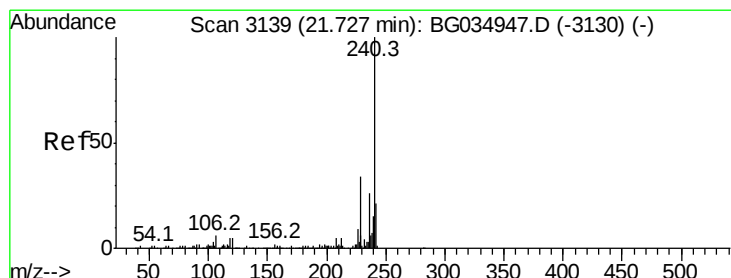
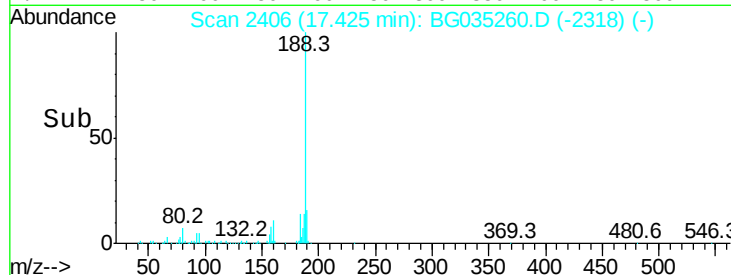
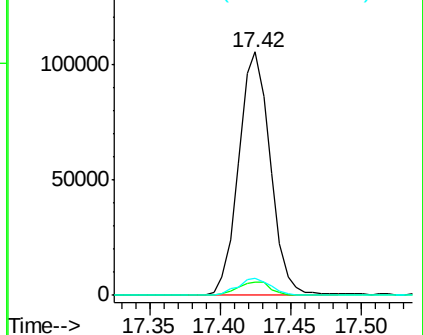
80 7.0 7.7 11.5#



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: BG035260.D

Acq: 19 Jun 2018 22:54

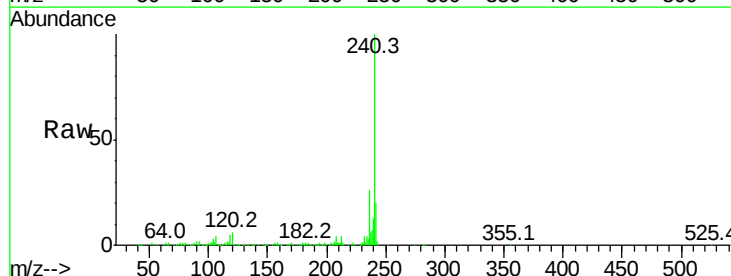
Tgt Ion:240 Resp: 421505

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

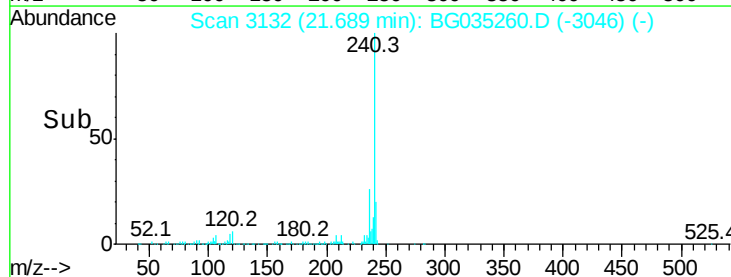
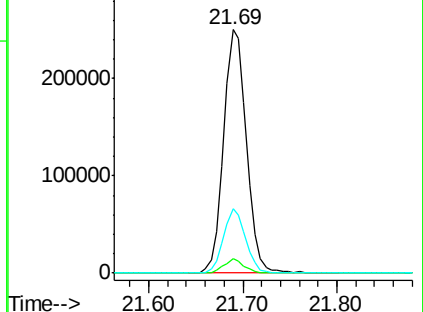
236 26.4 20.9 31.3



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: 76.232 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

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PB110338TB

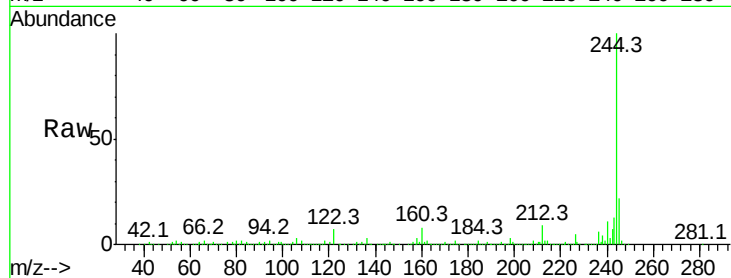
Tot Ion:244 Resp: 1533984

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

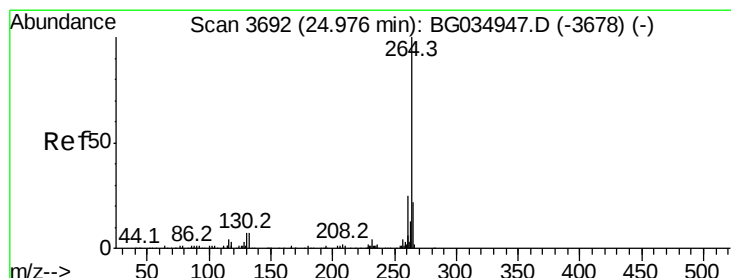
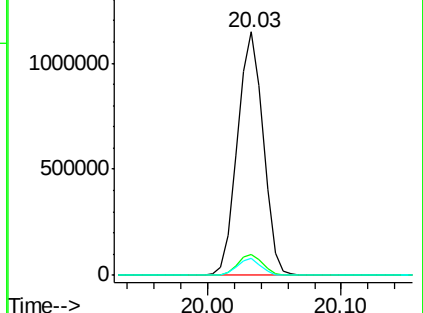
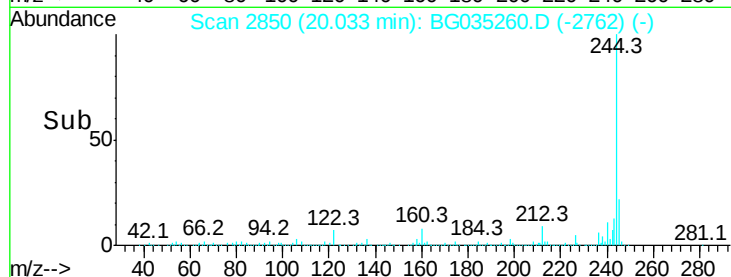
122 6.9 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.03 min

Lab File: BG035260.D

Acq: 19 Jun 2018 22:54

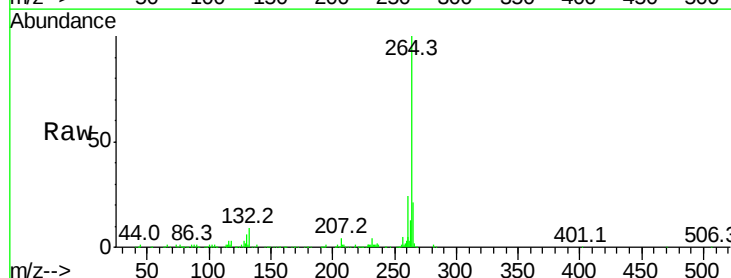
Tgt Ion:264 Resp: 360147

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.2 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

