

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062018\
Quantitation Report (QT/LSC Reviewed)

Data File : BG035265.D
Acq On : 20 Jun 2018 13:44
Operator : SJ/JU
Sample : PB110338BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110338BL

Quant Time: Jun 20 14:58:50 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	46554	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	156922	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	112267	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	332185	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	395300	20.00	ng	-0.02
86) Perylene-d12	24.92	264	384299	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	448839	162.71	ng	-0.01
7) Phenol-d6	7.22	99	625295	153.58	ng	0.00
23) Nitrobenzene-d5	9.22	82	393173	119.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	296221	206.12	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	923759	106.97	ng	-0.02
78) Terphenyl-d14	20.03	244	1870761	99.13	ng	-0.02

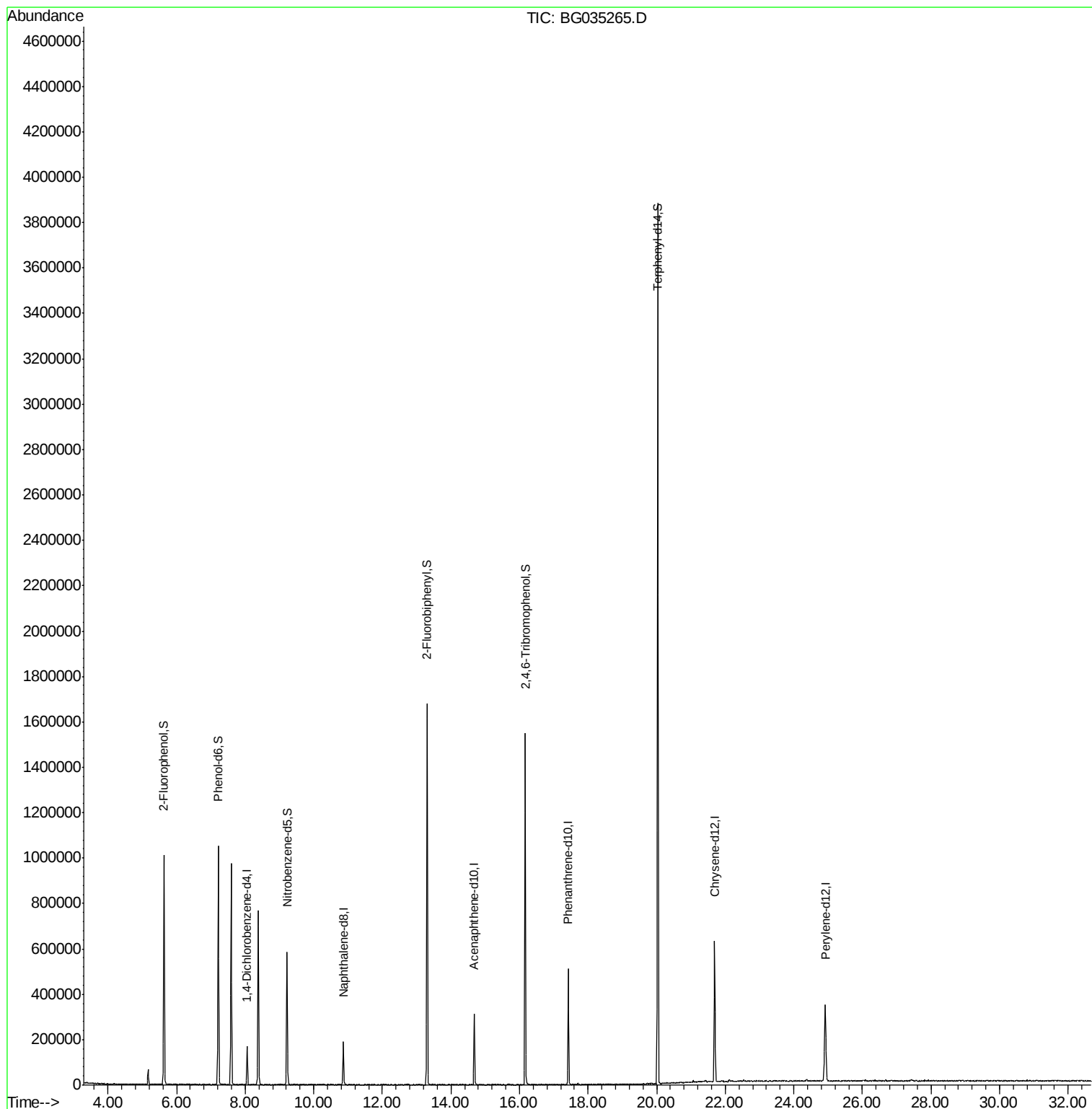
Target Compounds	Qvalue
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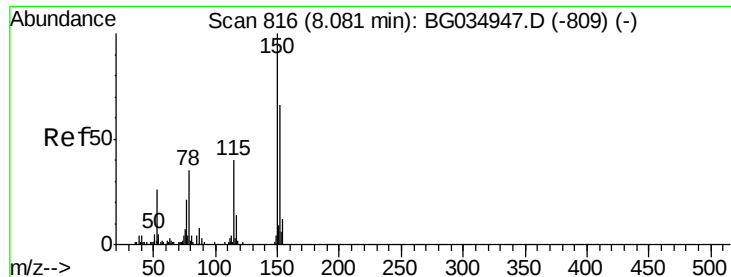
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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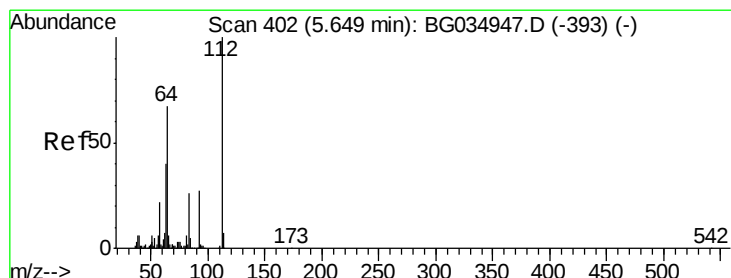
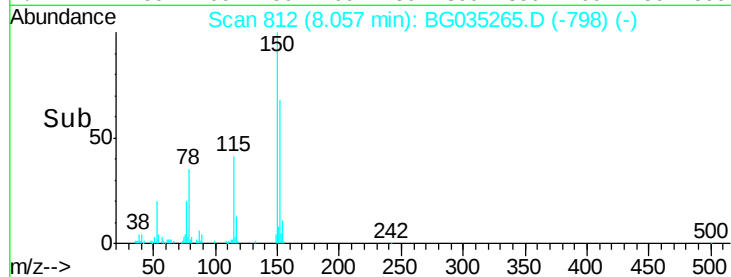
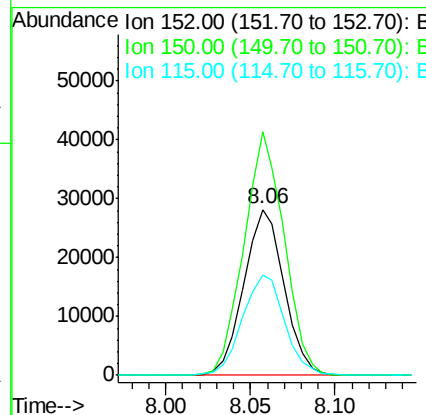
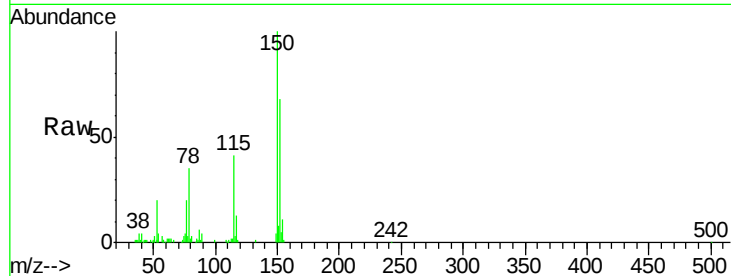


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035265.D
Acq: 20 Jun 2018 13:44

Instrument :
BNA_G
ClientSampleId :
PB110338BL

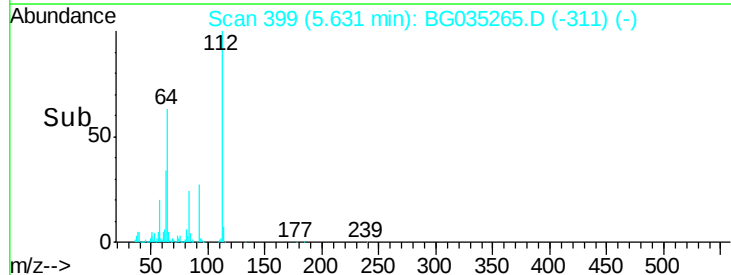
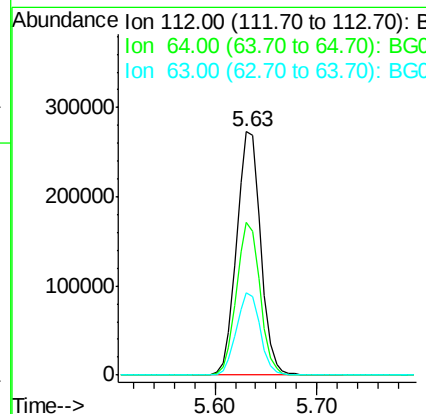
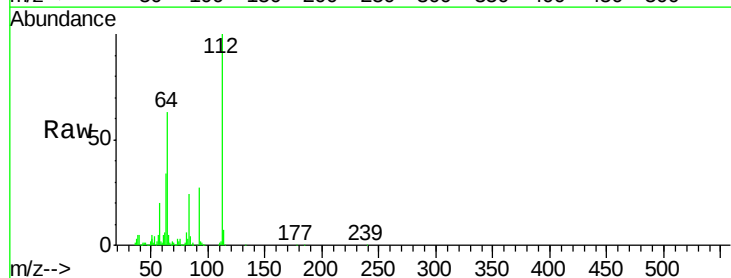
Tgt Ion:152 Resp: 46554
Ion Ratio Lower Upper
152 100
150 146.9 126.6 189.8
115 60.7 53.0 79.4

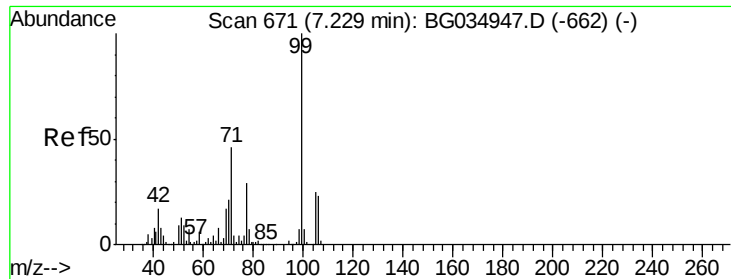


#5

2-Fluorophenol
Concen: 162.707 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035265.D
Acq: 20 Jun 2018 13:44

Tgt Ion:112 Resp: 448839
Ion Ratio Lower Upper
112 100
64 62.7 56.3 84.5
63 33.8 30.1 45.1





#7

Phenol-d6

Concen: 153.579 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035265.D

Acq: 20 Jun 2018 13:44

Instrument :

BNA_G

ClientSampleId :

PB110338BL

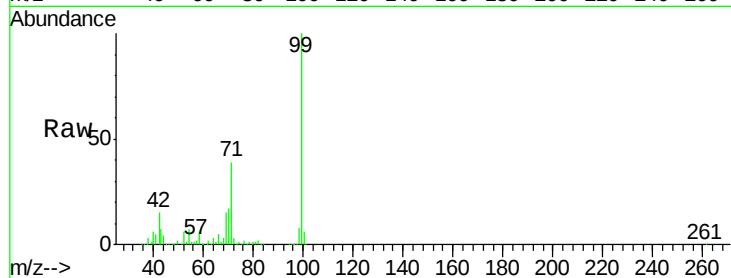
Tgt Ion: 99 Resp: 625295

Ion Ratio Lower Upper

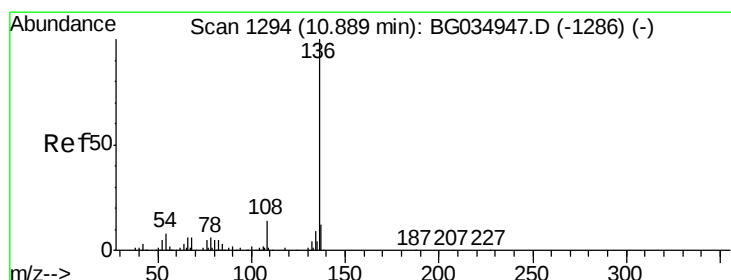
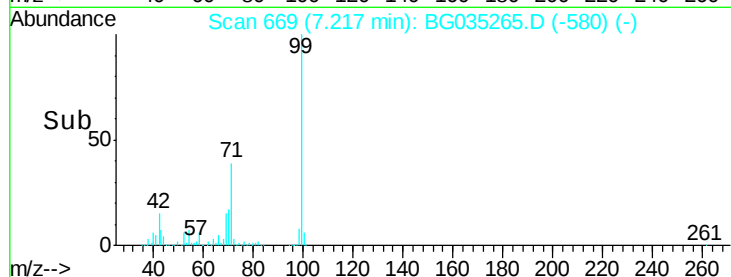
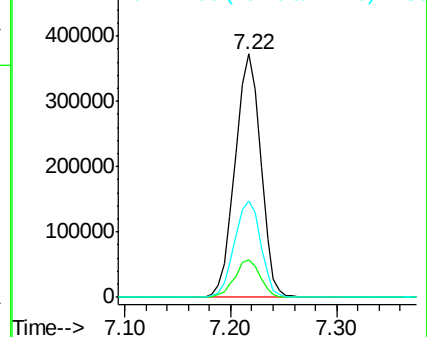
99 100

42 15.5 14.1 21.1

71 39.5 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: 10.86 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035265.D

Acq: 20 Jun 2018 13:44

Tgt Ion: 136 Resp: 156922

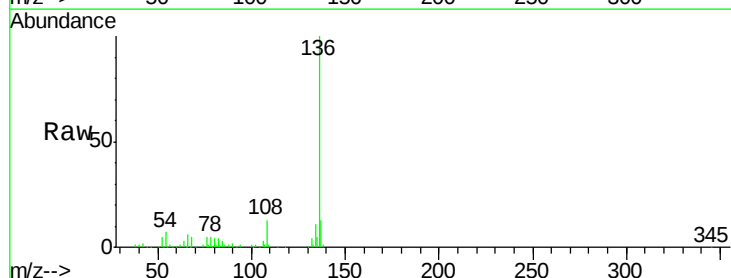
Ion Ratio Lower Upper

136 100

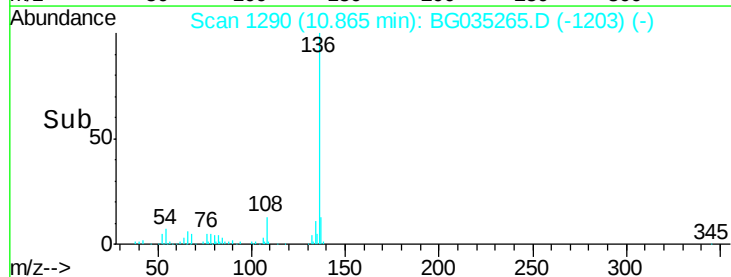
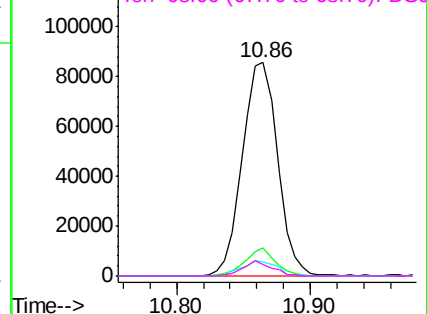
137 13.3 9.2 13.8

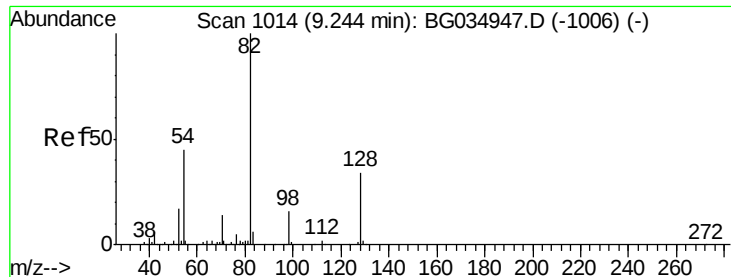
54 6.8 10.3 15.5#

68 5.3 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

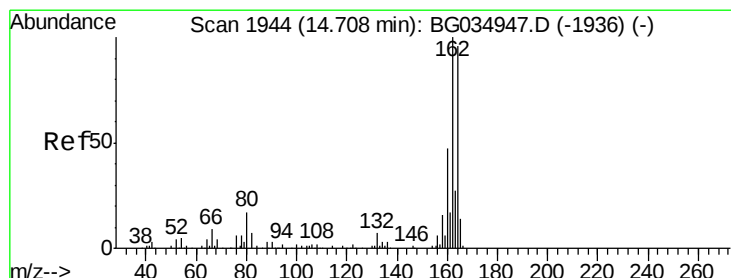
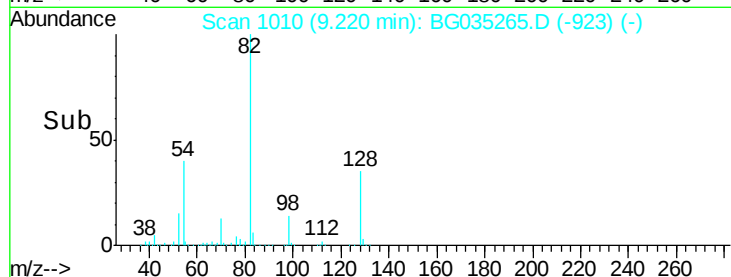
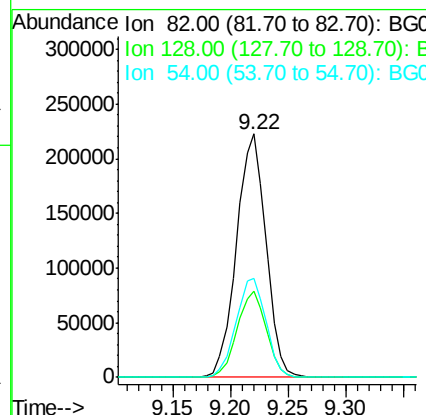
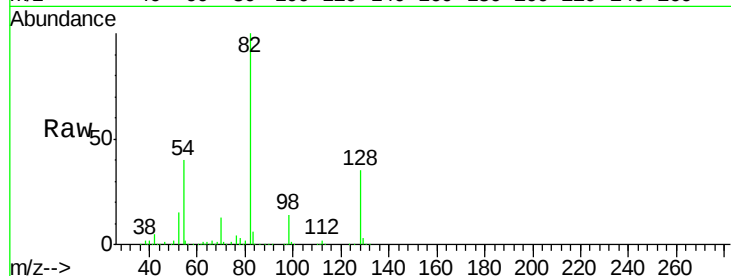




#23
 Nitrobenzene-d5
 Concen: 119.099 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035265.D
 Acq: 20 Jun 2018 13:44

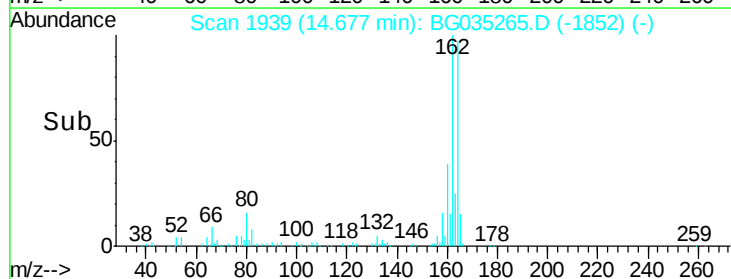
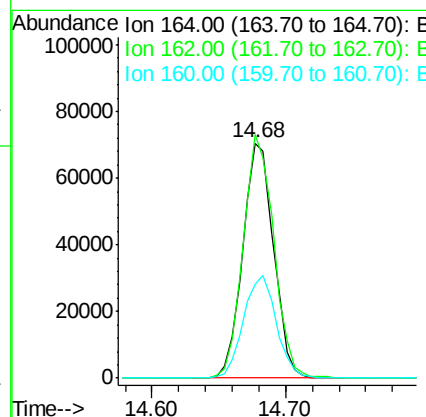
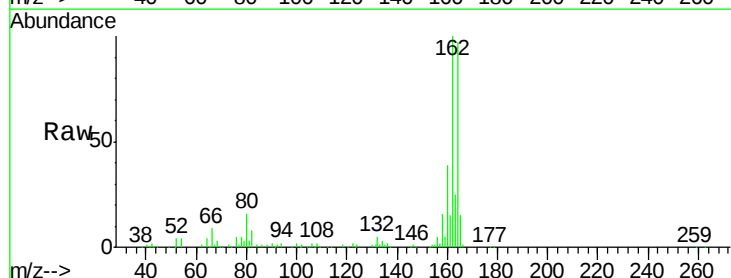
Instrument :
 BNA_G
 ClientSampleId :
 PB110338BL

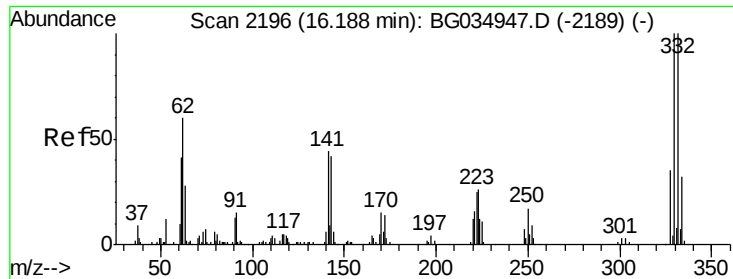
Tgt Ion: 82 Resp: 393173
 Ion Ratio Lower Upper
 82 100
 128 35.4 29.7 44.5
 54 40.4 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035265.D
 Acq: 20 Jun 2018 13:44

Tgt Ion: 164 Resp: 112267
 Ion Ratio Lower Upper
 164 100
 162 103.5 78.8 118.2
 160 39.9 35.4 53.0

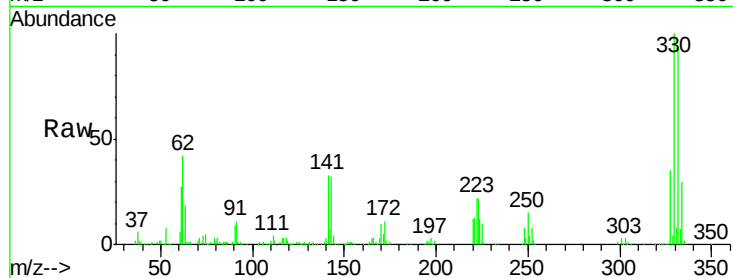




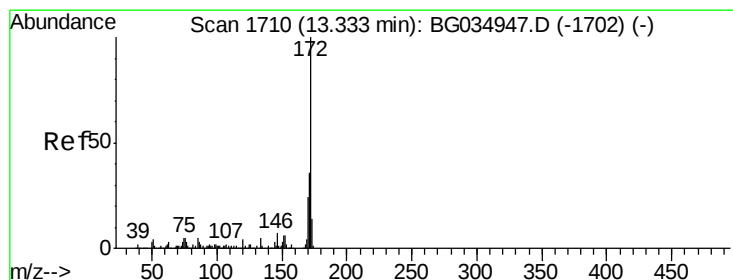
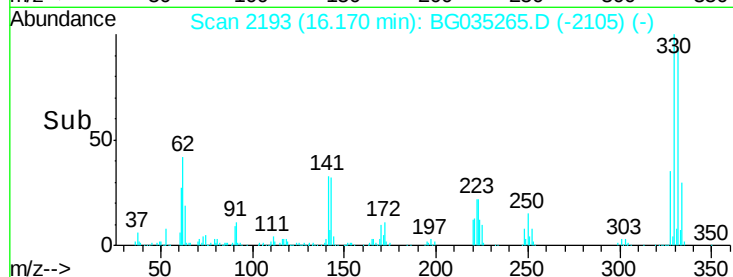
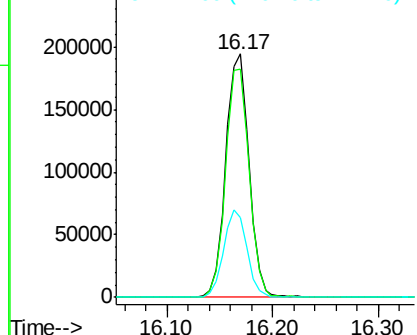
#41
 2,4,6-Tribromophenol
 Concen: 206.116 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035265.D
 Acq: 20 Jun 2018 13:44

Instrument :
 BNA_G
 ClientSampleId :
 PB110338BL

Tgt Ion:330 Resp: 296221
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 36.0 25.2 37.8

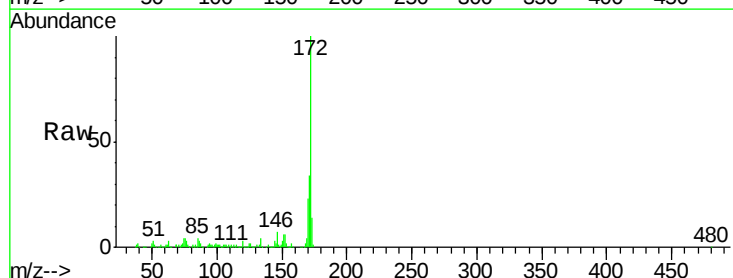


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

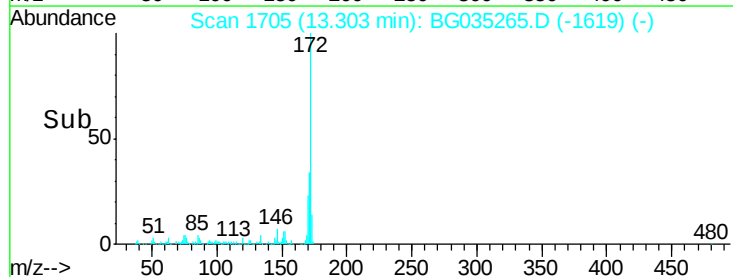
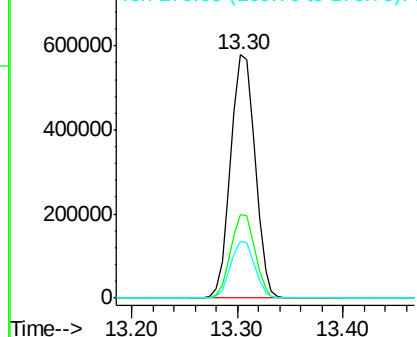


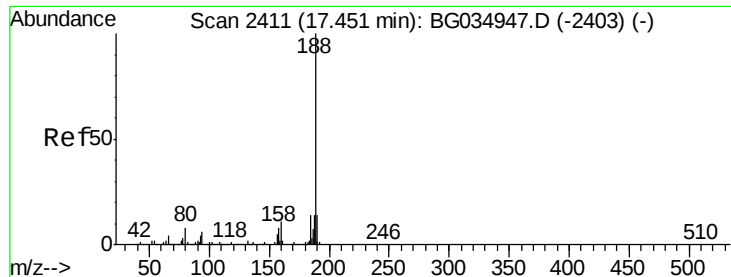
#44
 2-Fluorobiphenyl
 Concen: 106.967 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035265.D
 Acq: 20 Jun 2018 13:44

Tgt Ion:172 Resp: 923759
 Ion Ratio Lower Upper
 172 100
 171 34.2 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035265.D

Acq: 20 Jun 2018 13:44

Instrument :

BNA_G

ClientSampleId :

PB110338BL

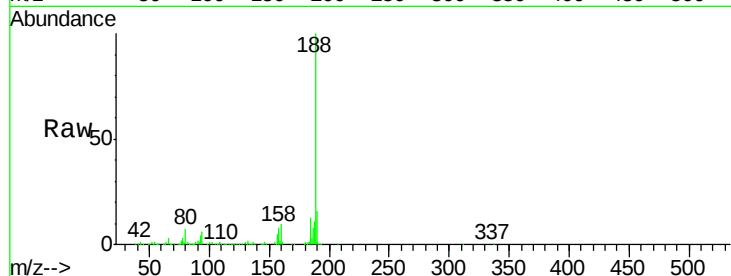
Tgt Ion:188 Resp: 332185

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

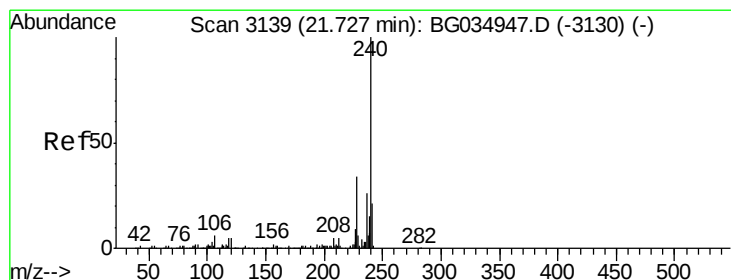
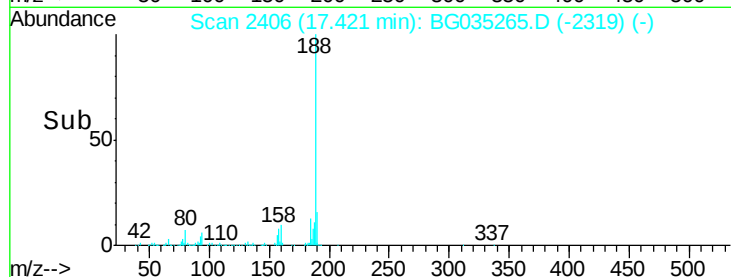
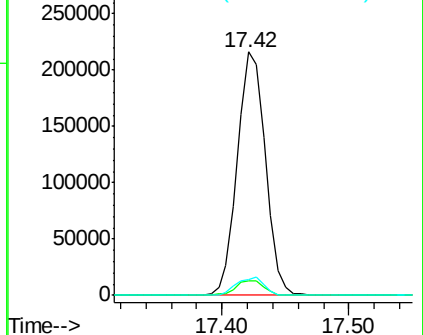
80 6.6 7.7 11.5#



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: BG035265.D

Acq: 20 Jun 2018 13:44

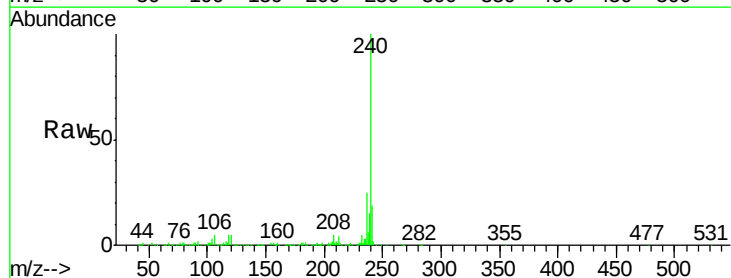
Tgt Ion:240 Resp: 395300

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

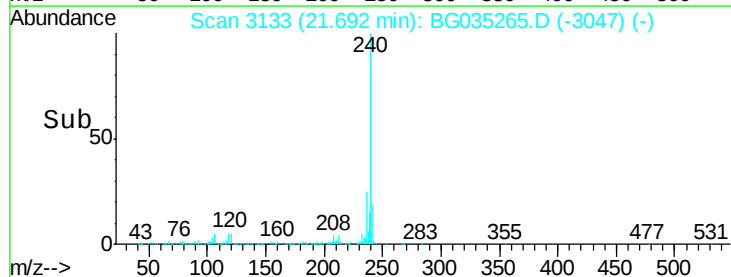
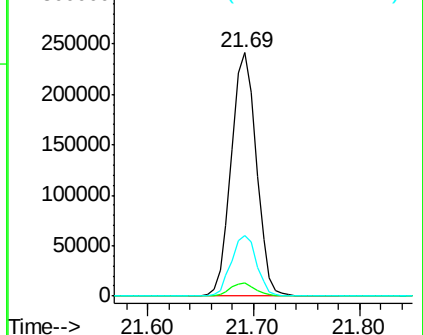
236 25.0 20.9 31.3

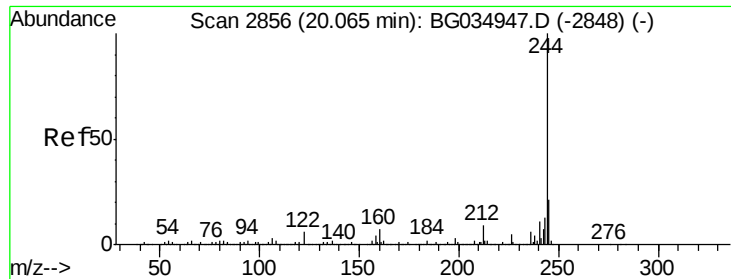


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.131 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035265.D

Acq: 20 Jun 2018 13:44

Instrument :

BNA_G

ClientSampleId :

PB110338BL

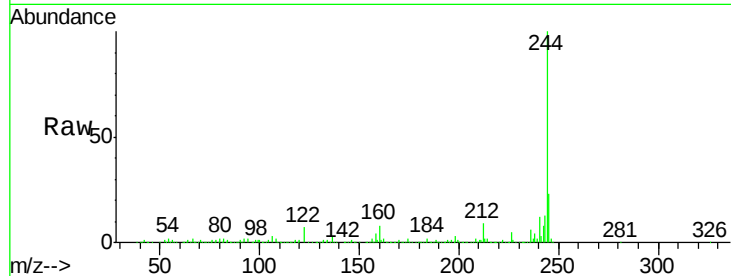
Tgt Ion:244 Resp: 1870761

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

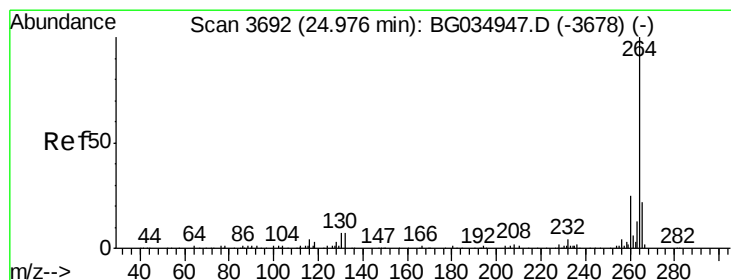
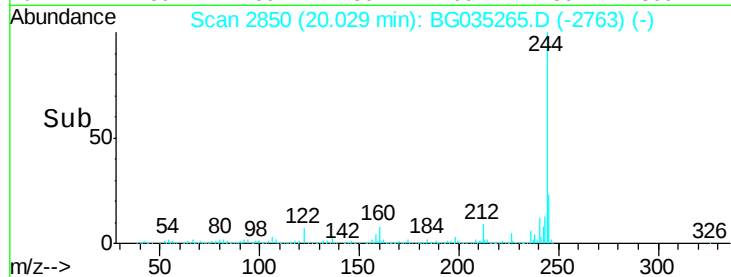
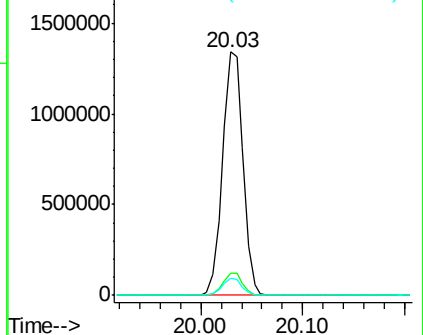
122 7.1 7.0 10.4



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. -0.04 min

Lab File: BG035265.D

Acq: 20 Jun 2018 13:44

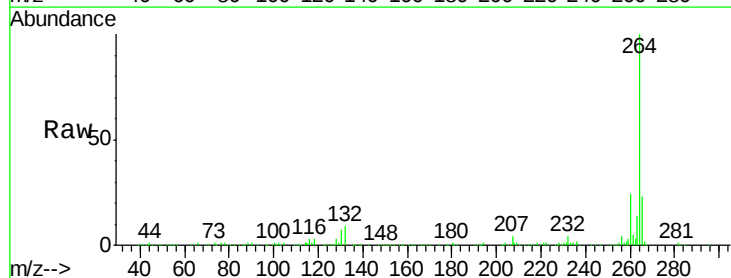
Tgt Ion:264 Resp: 384299

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 23.0 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

