

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035350.D
 Acq On : 23 Jun 2018 1:50
 Operator : JU/SJ
 Sample : PB110484BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110484BL

Quant Time: Jun 23 03:15:15 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	8.05	152	45193	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	153549	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	104197	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	297414	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	363084	20.00	ng	-0.04
86) Perylene-d12	24.90	264	339018	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	324035	121.00	ng	-0.01
7) Phenol-d6	7.21	99	461493	116.76	ng	-0.01
23) Nitrobenzene-d5	9.22	82	290042	89.79	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	197163	147.81	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	677276	84.50	ng	-0.03
78) Terphenyl-d14	20.02	244	1349721	77.87	ng	-0.02

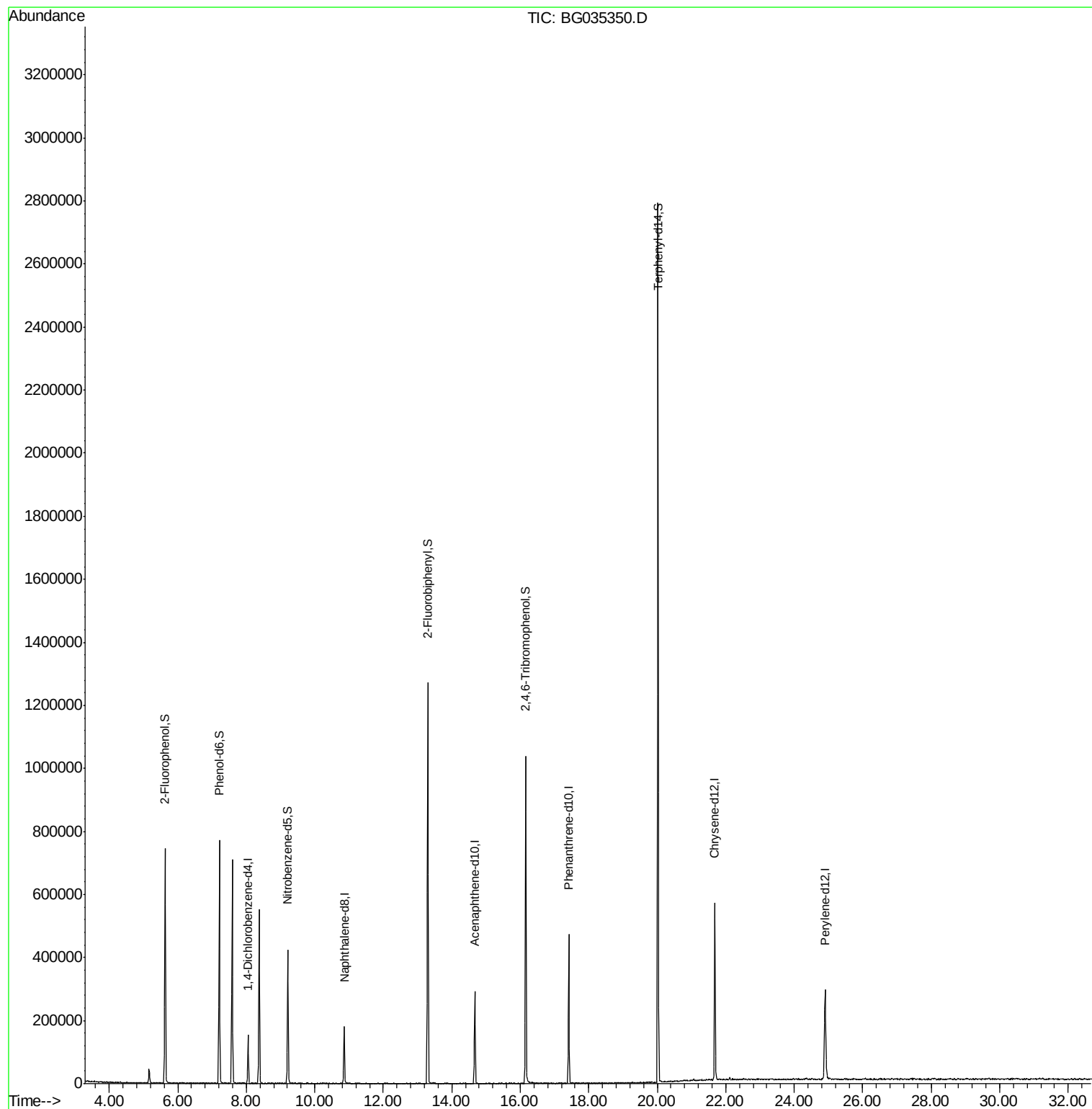
Target Compounds Qvalue

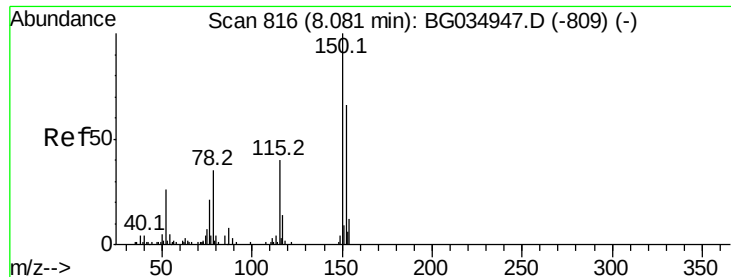
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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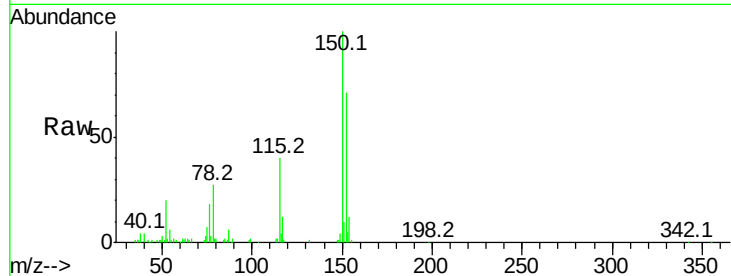


#1

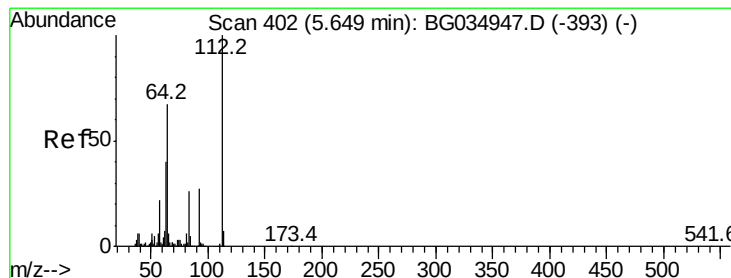
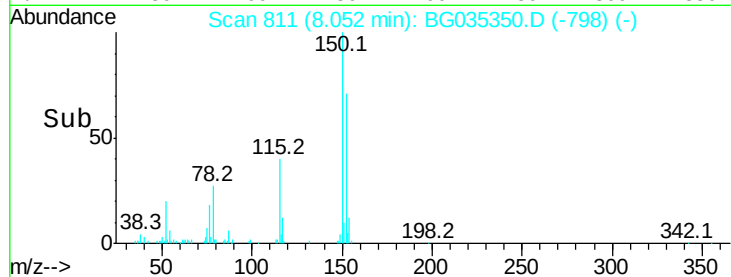
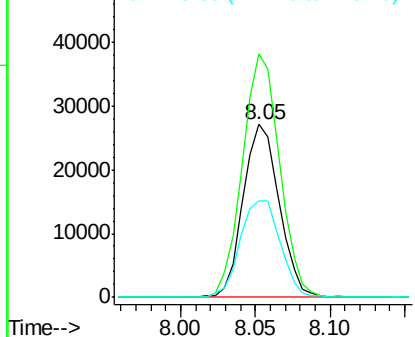
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035350.D
Acq: 23 Jun 2018 1:50

Instrument :
BNA_G
ClientSampleId :
PB110484BL

Tot Ion:152 Resp: 45193
Ion Ratio Lower Upper
152 100
150 140.7 126.6 189.8
115 55.6 53.0 79.4



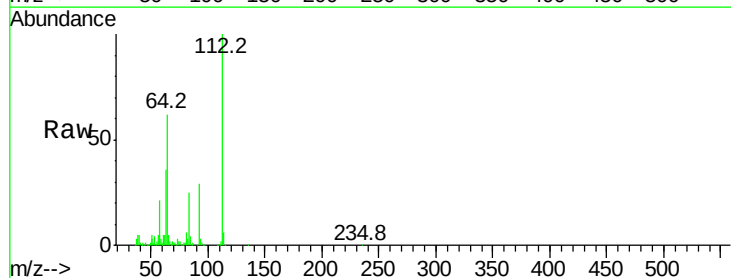
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



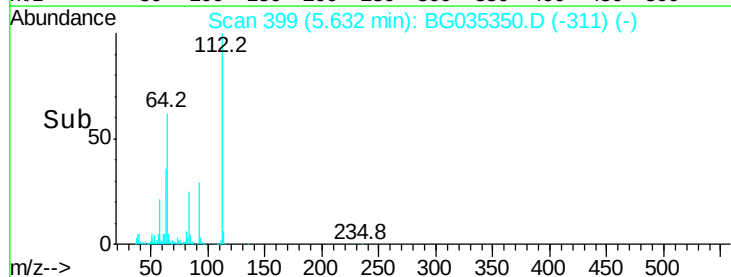
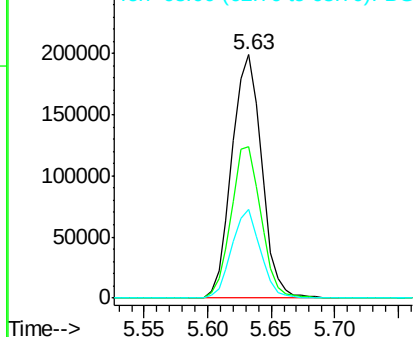
#5

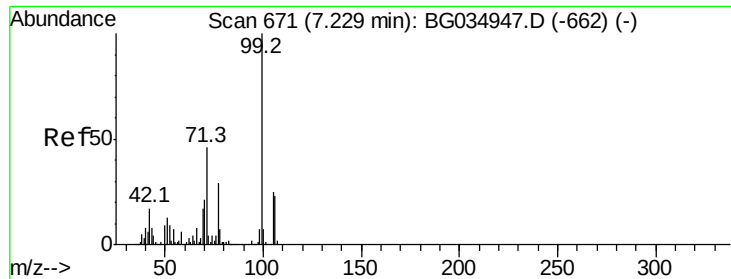
2-Fluorophenol
Concen: 121.002 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035350.D
Acq: 23 Jun 2018 1:50

Tgt Ion:112 Resp: 324035
Ion Ratio Lower Upper
112 100
64 62.1 56.3 84.5
63 36.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 116.761 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035350.D

Acq: 23 Jun 2018 1:50

Instrument :

BNA_G

ClientSampleId :

PB110484BL

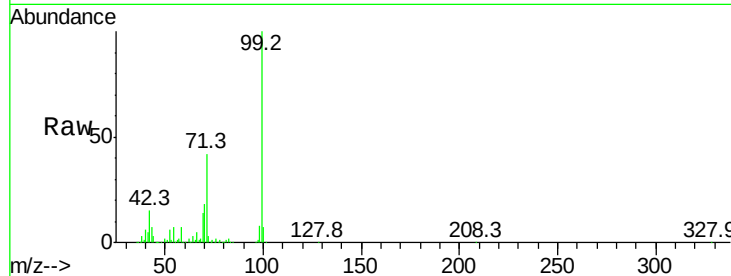
Tot Ion: 99 Resp: 461493

Ion Ratio Lower Upper

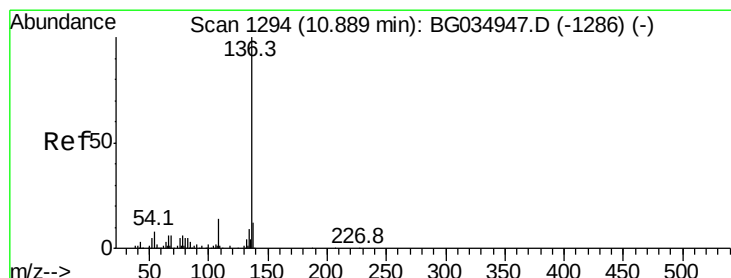
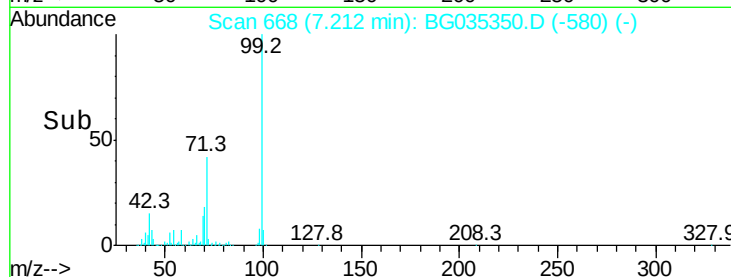
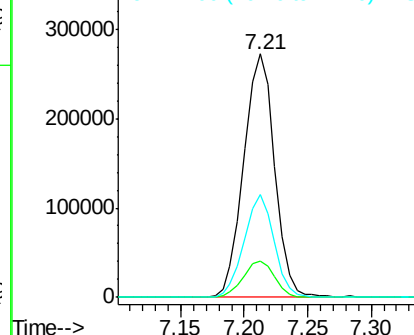
99 100

42 14.7 14.1 21.1

71 42.5 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# 1289

Delta R.T. -0.02 min

Lab File: BG035350.D

Acq: 23 Jun 2018 1:50

Tgt Ion: 136 Resp: 153549

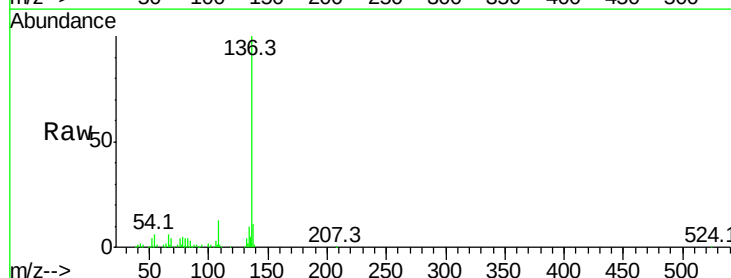
Ion Ratio Lower Upper

136 100

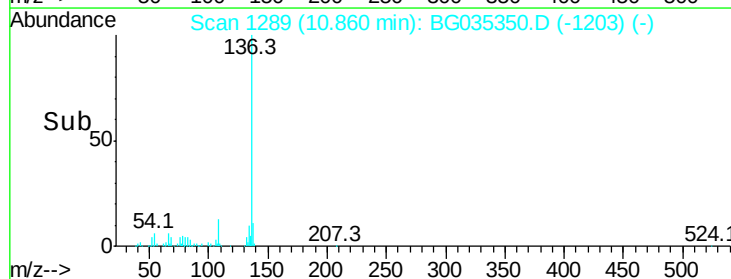
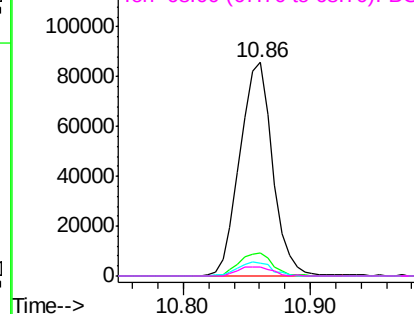
137 10.9 9.2 13.8

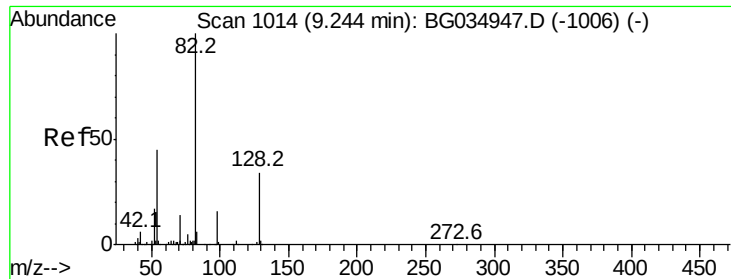
54 6.2 10.3 15.5#

68 4.1 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

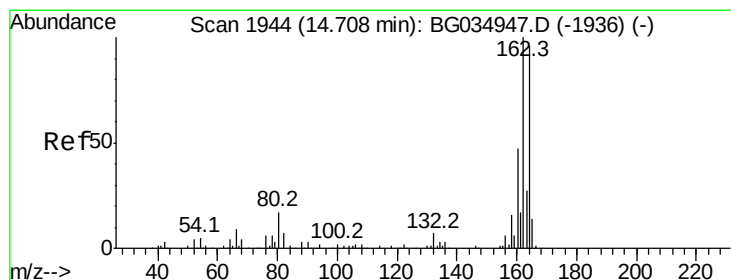
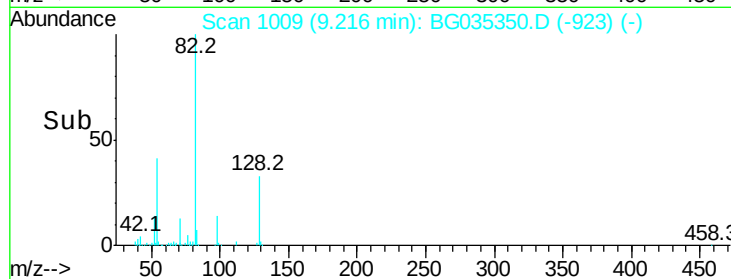
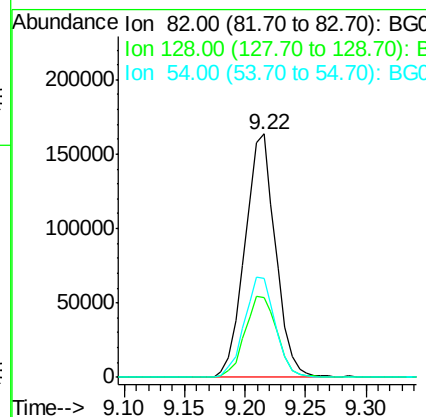
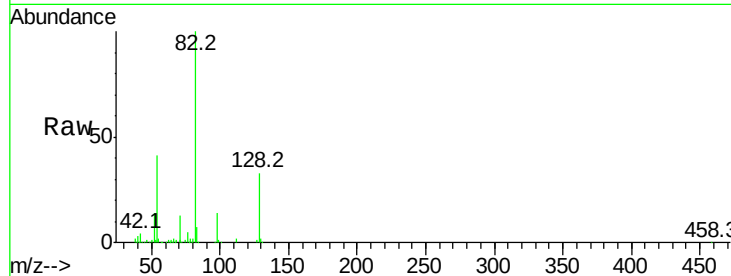




#23
 Nitrobenzene-d5
 Concen: 89.789 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035350.D
 Acq: 23 Jun 2018 1:50

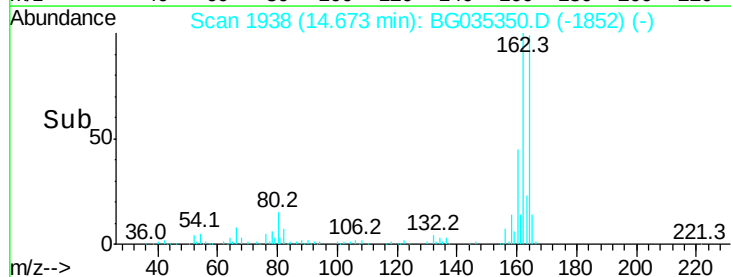
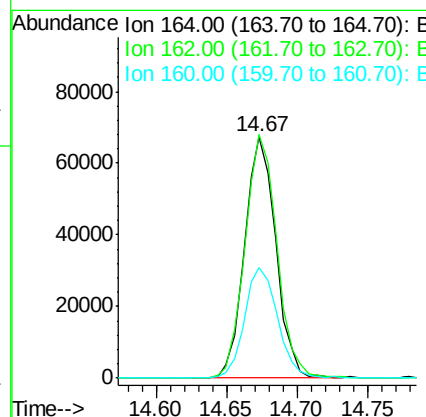
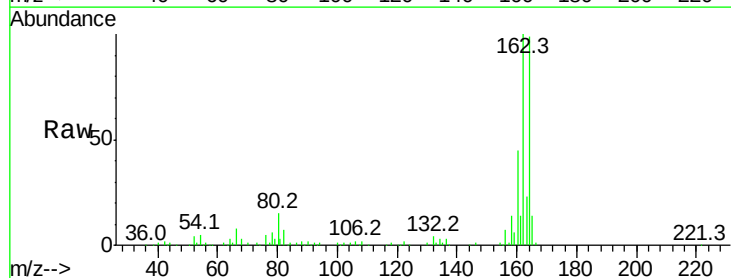
Instrument :
 BNA_G
 ClientSampleId :
 PB110484BL

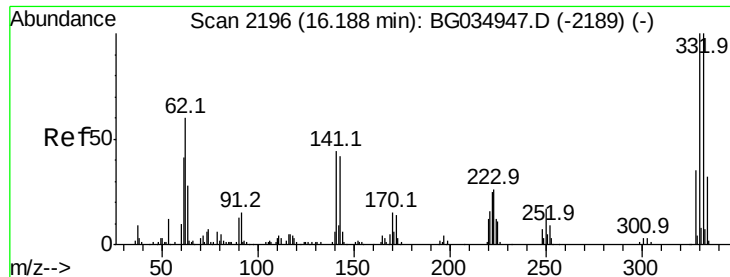
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.5	29.7	44.5
54	40.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035350.D
 Acq: 23 Jun 2018 1:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	45.6	35.4	53.0

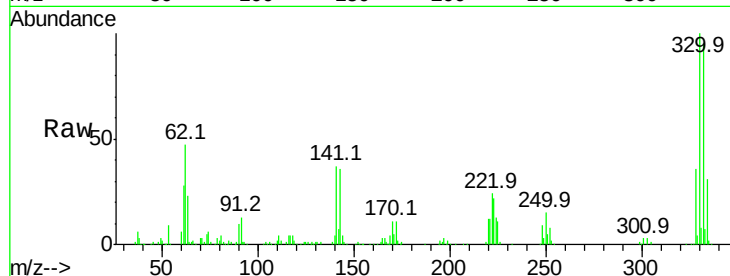




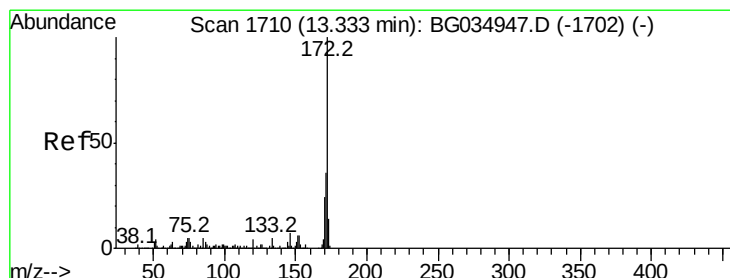
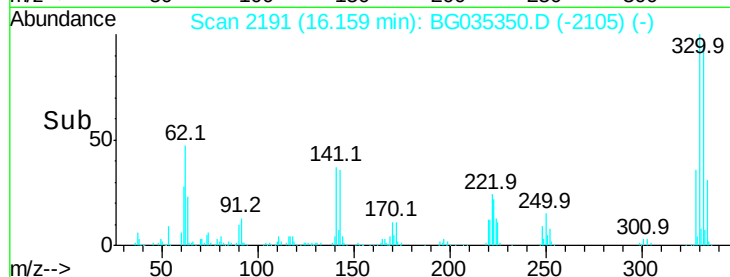
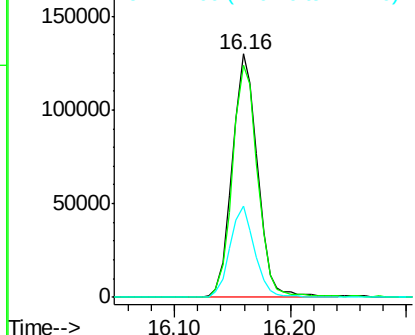
#41
 2,4,6-Tribromophenol
 Concen: 147.815 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035350.D
 Acq: 23 Jun 2018 1:50

Instrument :
 BNA_G
 ClientSampleId :
 PB110484BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	36.7	25.2	37.8

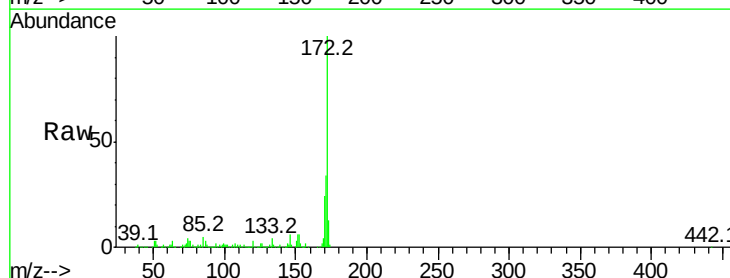


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

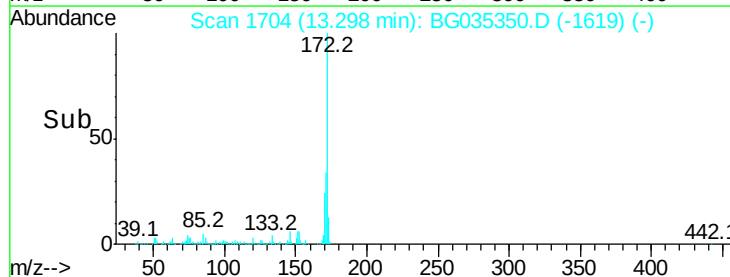
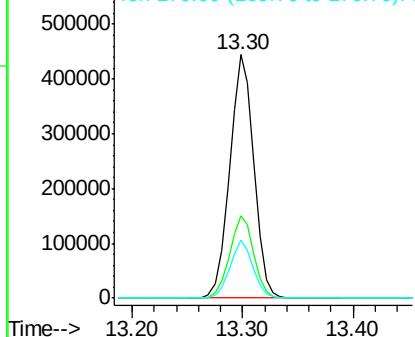


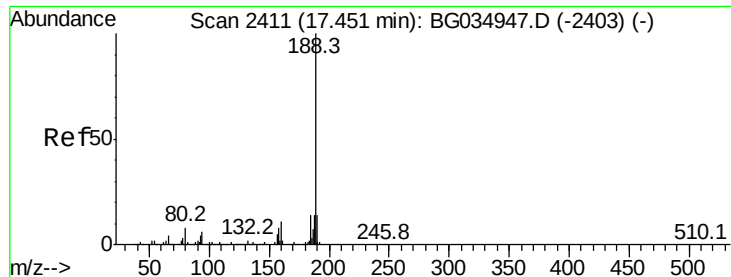
#44
 2-Fluorobiphenyl
 Concen: 84.499 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035350.D
 Acq: 23 Jun 2018 1:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	23.8	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# 2405

Delta R.T. -0.02 min

Lab File: BG035350.D

Acq: 23 Jun 2018 1:50

Instrument :

BNA_G

ClientSampleId :

PB110484BL

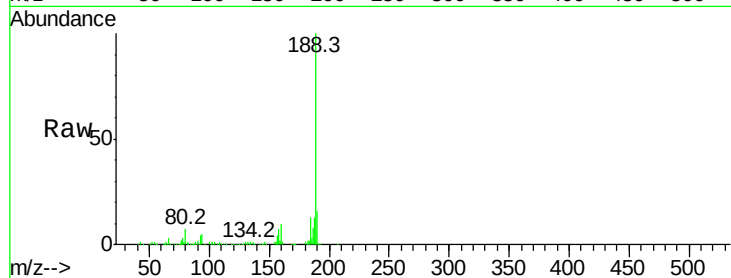
Tot Ion:188 Resp: 297414

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

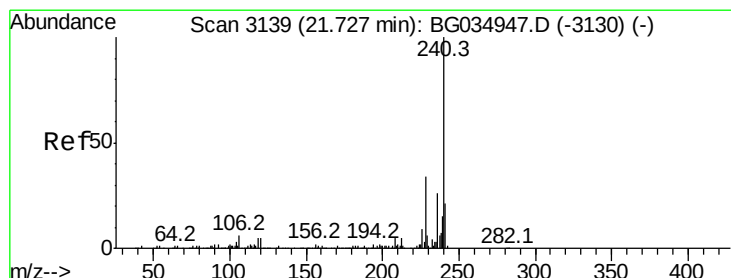
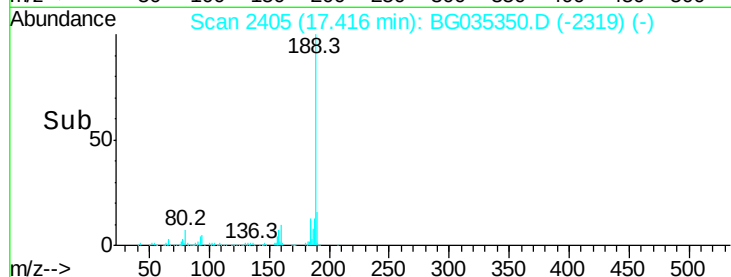
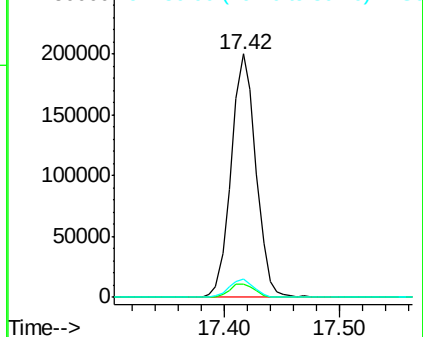
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035350.D

Acq: 23 Jun 2018 1:50

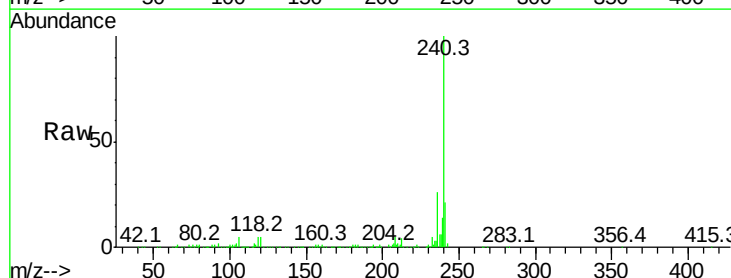
Tgt Ion:240 Resp: 363084

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

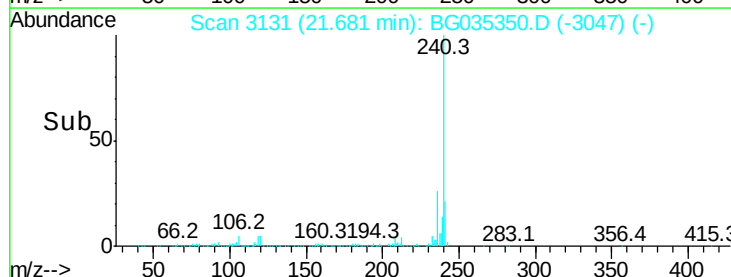
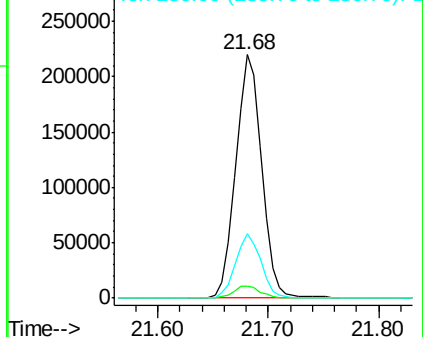
236 26.5 20.9 31.3

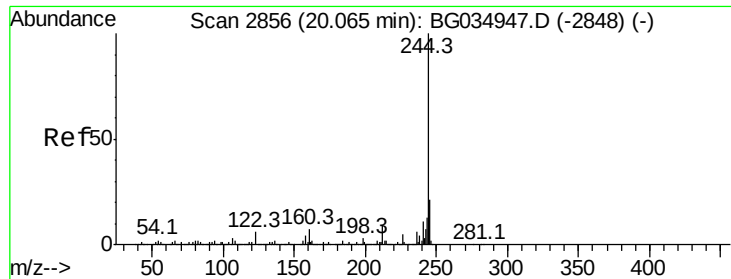


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.867 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035350.D

Acq: 23 Jun 2018 1:50

Instrument :

BNA_G

ClientSampleId :

PB110484BL

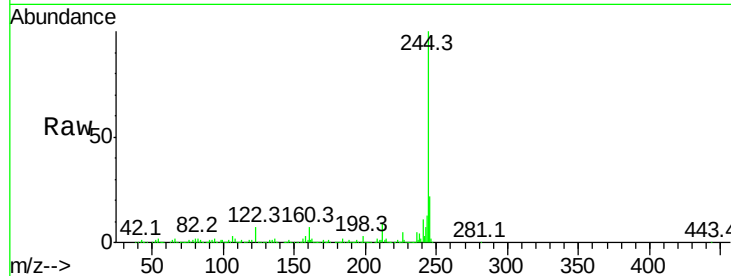
Tot Ion:244 Resp: 1349721

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

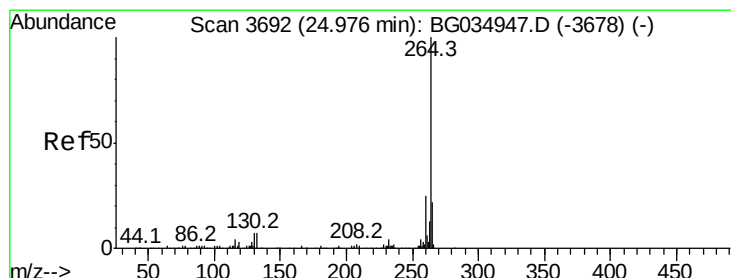
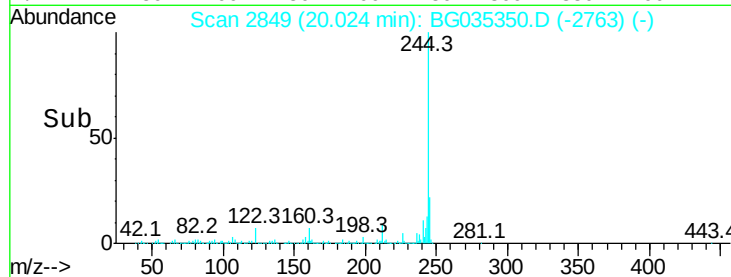
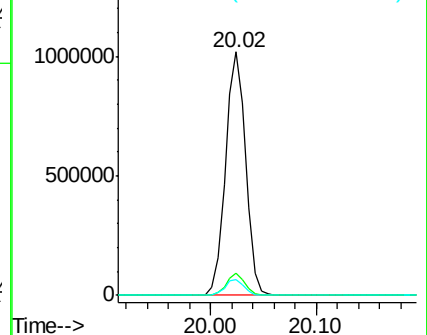
122 6.6 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035350.D

Acq: 23 Jun 2018 1:50

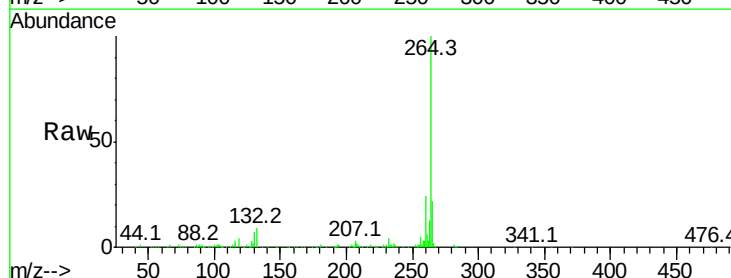
Tgt Ion:264 Resp: 339018

Ion Ratio Lower Upper

264 100

260 24.4 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

