

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035548.D
 Acq On : 30 Jun 2018 18:43
 Operator : JU/SJ
 Sample : PB110714BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110714BL

Quant Time: Jul 02 03:33:57 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	31304	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	115657	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	89469	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	272890	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	318952	20.00	ng	-0.03
86) Perylene-d12	24.92	264	301345	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	174629	94.14	ng	0.00
7) Phenol-d6	7.22	99	256846	93.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	244897	100.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	123313	107.67	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	608815	88.46	ng	-0.02
78) Terphenyl-d14	20.03	244	1364657	89.62	ng	-0.02

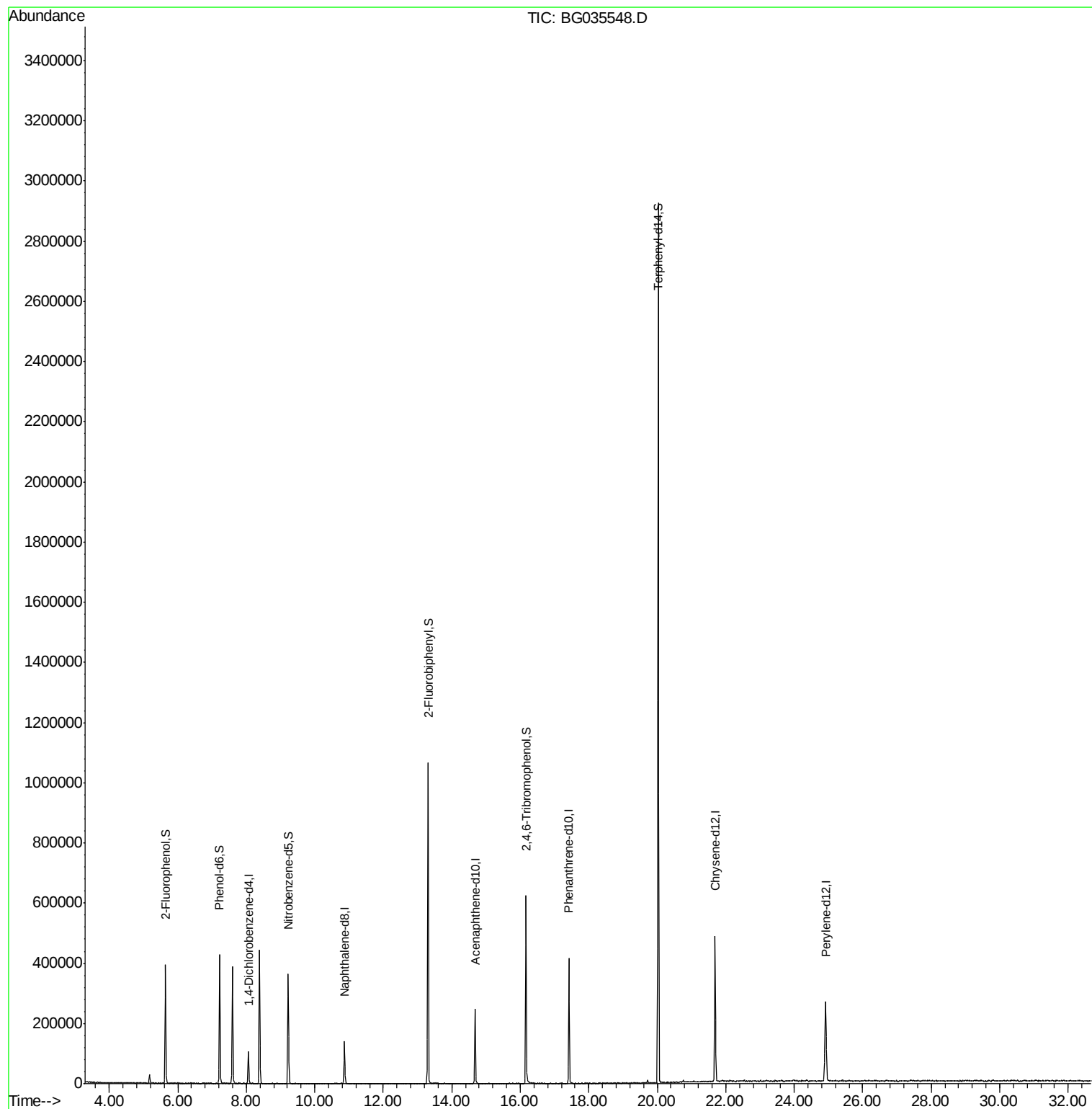
Target Compounds Qvalue

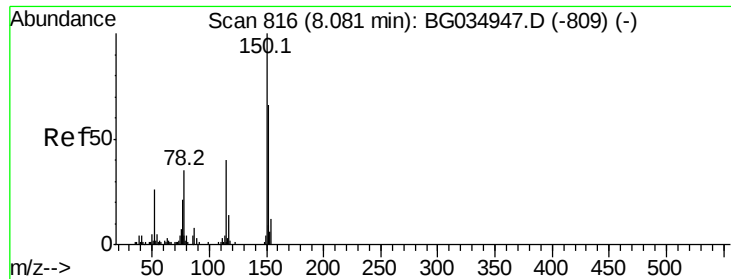
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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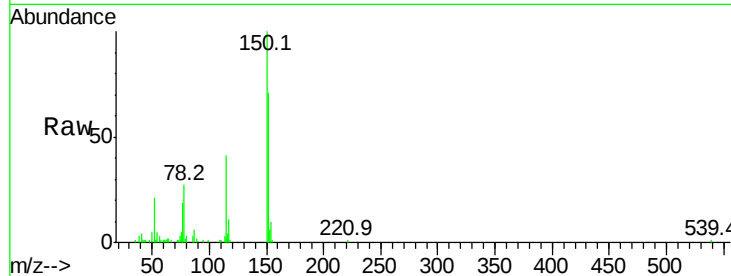


#1

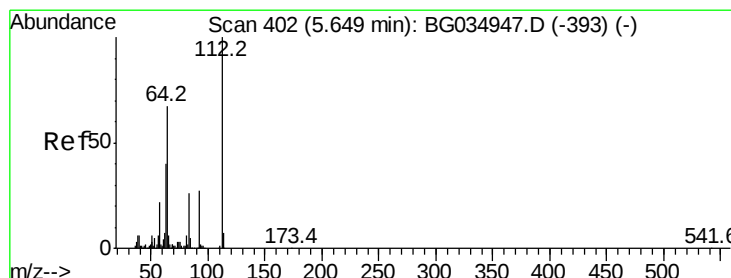
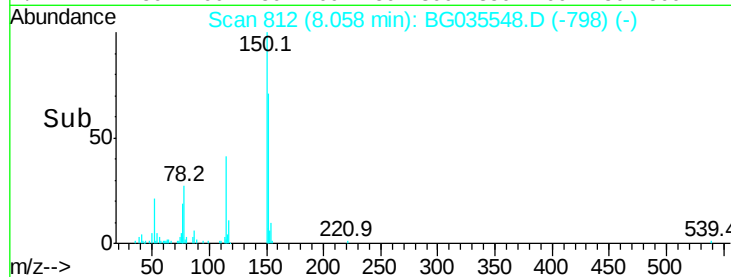
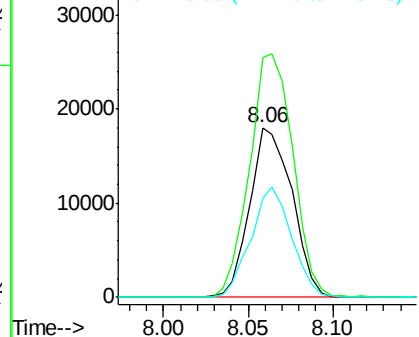
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Instrument :
BNA_G
ClientSampleId :
PB110714BL

Tot Ion:152 Resp: 31304
Ion Ratio Lower Upper
152 100
150 141.5 126.6 189.8
115 58.5 53.0 79.4



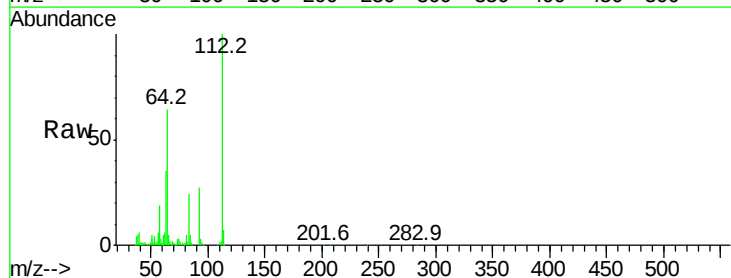
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



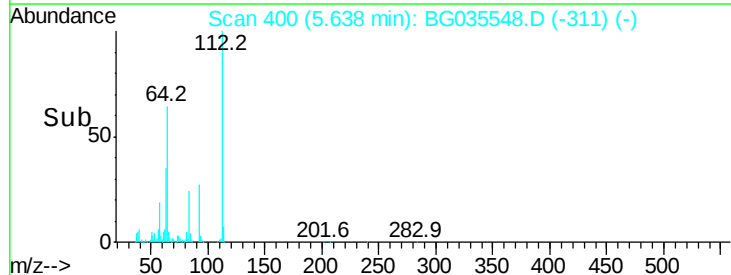
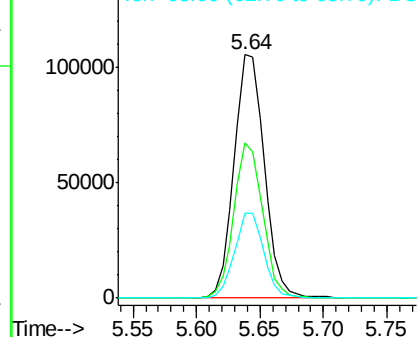
#5

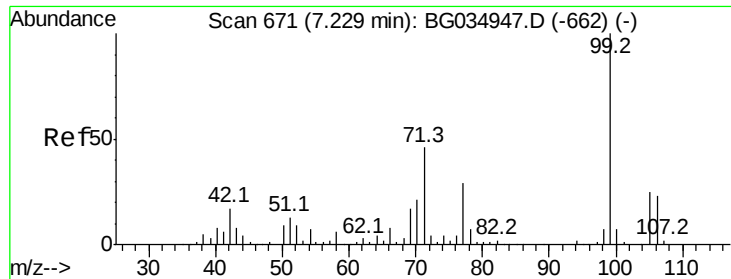
2-Fluorophenol
Concen: 94.143 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035548.D
Acq: 30 Jun 2018 18:43

Tgt Ion:112 Resp: 174629
Ion Ratio Lower Upper
112 100
64 63.7 56.3 84.5
63 34.9 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: 93.816 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035548.D

Acq: 30 Jun 2018 18:43

Instrument :

BNA_G

ClientSampleId :

PB110714BL

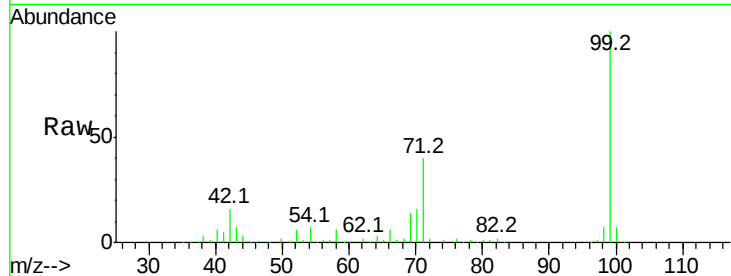
Tot Ion: 99 Resp: 256846

Ion Ratio Lower Upper

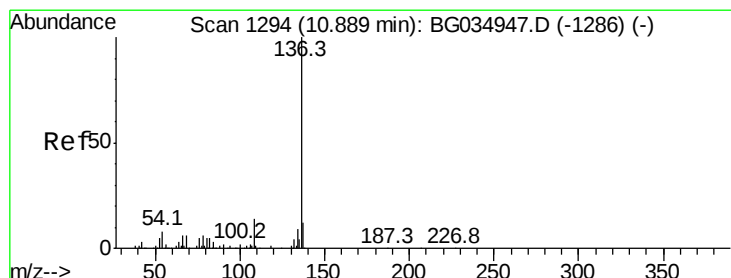
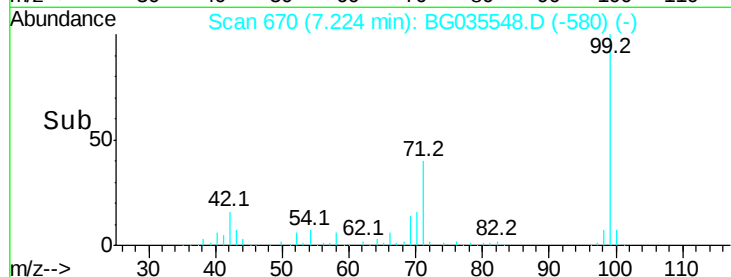
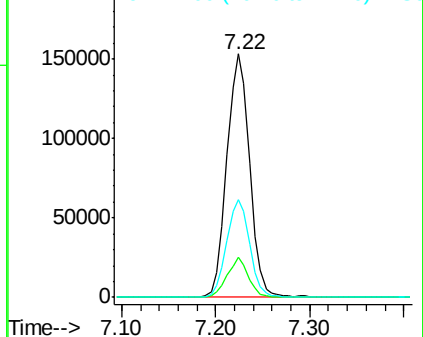
99 100

42 16.2 14.1 21.1

71 40.2 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: BG035548.D

Acq: 30 Jun 2018 18:43

Tgt Ion: 136 Resp: 115657

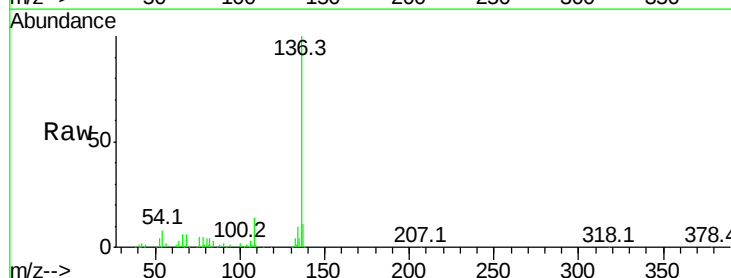
Ion Ratio Lower Upper

136 100

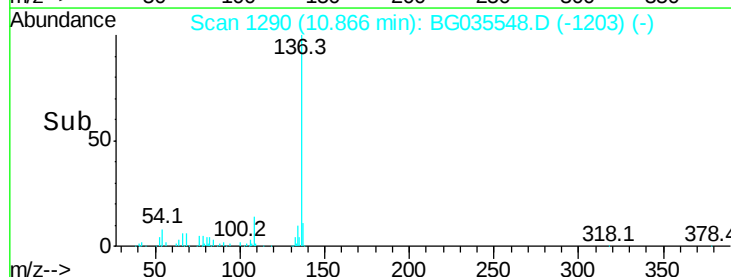
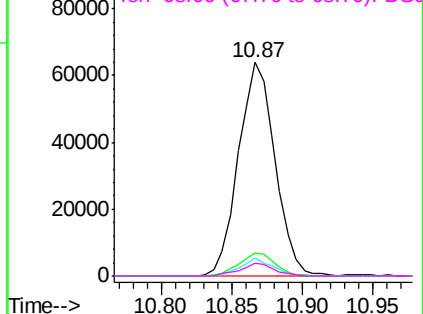
137 10.9 9.2 13.8

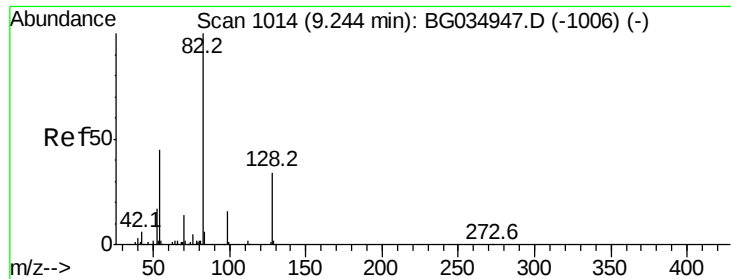
54 8.2 10.3 15.5#

68 5.9 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

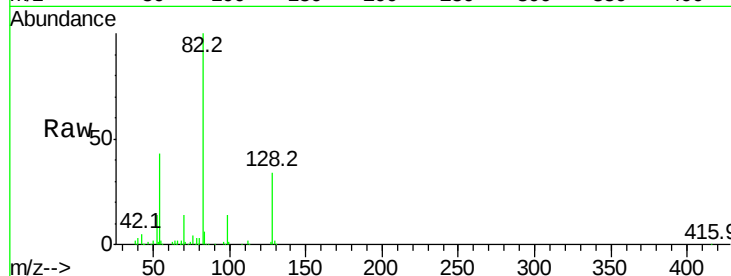




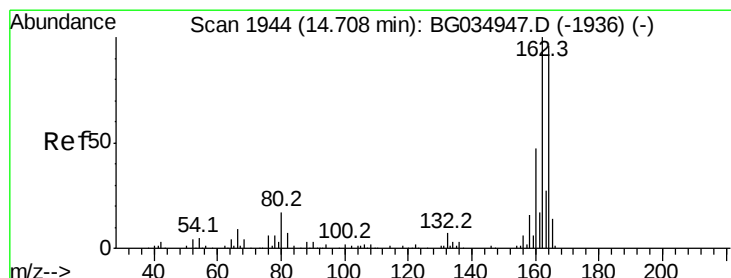
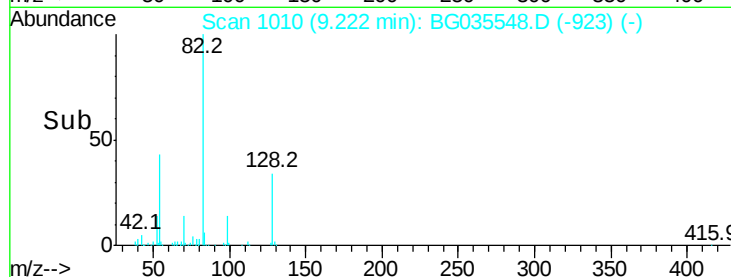
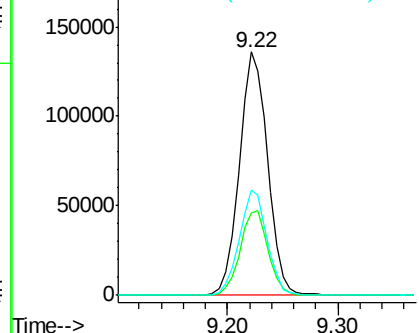
#23
 Nitrobenzene-d5
 Concen: 100.651 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035548.D
 Acq: 30 Jun 2018 18:43

Instrument :
 BNA_G
 ClientSampleId :
 PB110714BL

Tot Ion	82	Resp	244897
Ion Ratio	Lower	Upper	
82	100		
128	33.6	29.7	44.5
54	43.5	43.1	64.7

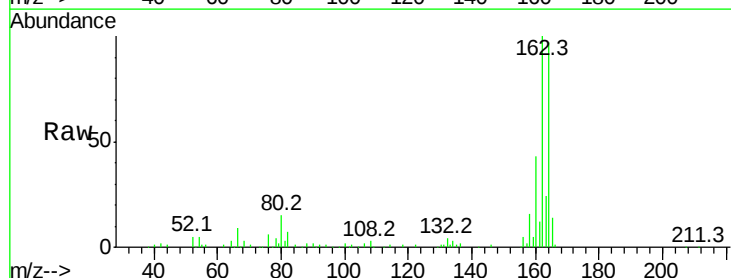


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

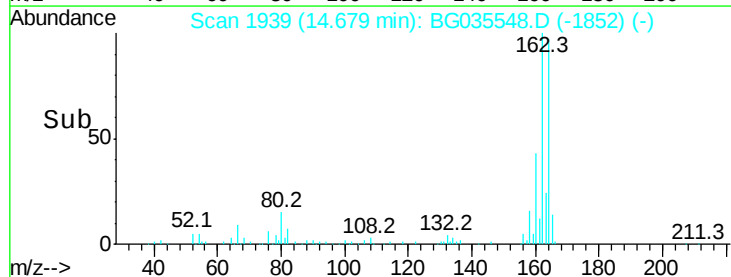
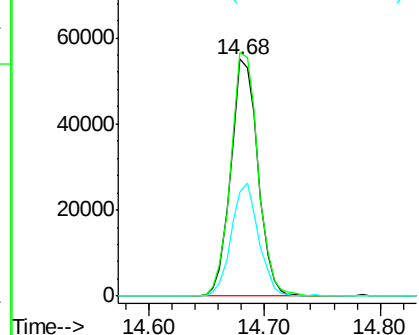


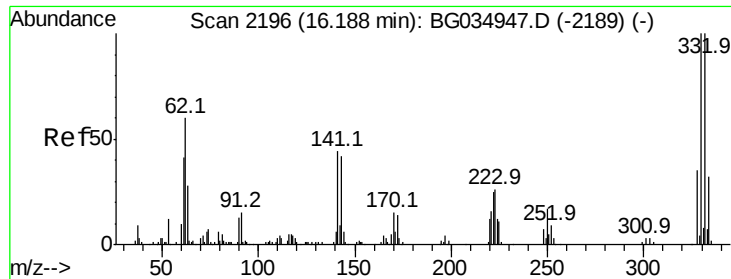
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035548.D
 Acq: 30 Jun 2018 18:43

Tgt Ion	164	Resp	89469
Ion Ratio	Lower	Upper	
164	100		
162	102.8	78.8	118.2
160	43.8	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

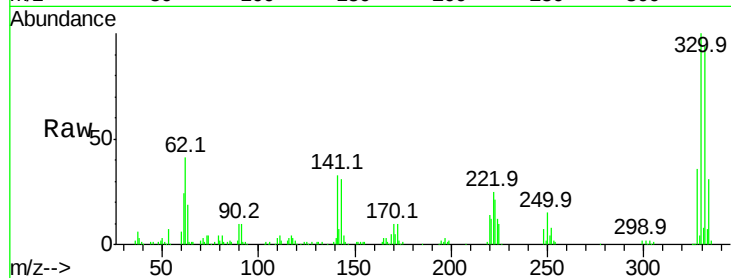




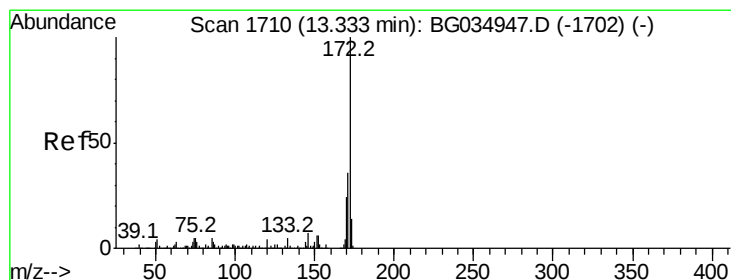
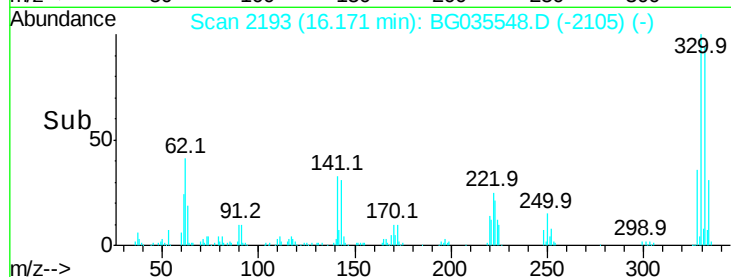
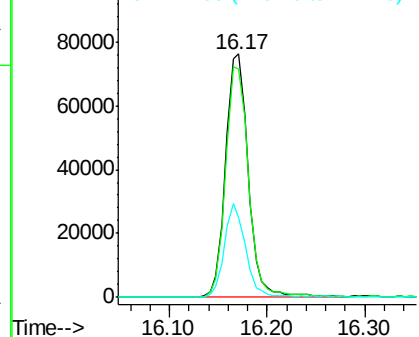
#41
 2,4,6-Tribromophenol
 Concen: 107.667 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035548.D
 Acq: 30 Jun 2018 18:43

Instrument :
 BNA_G
 ClientSampleId :
 PB110714BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	35.7	25.2	37.8

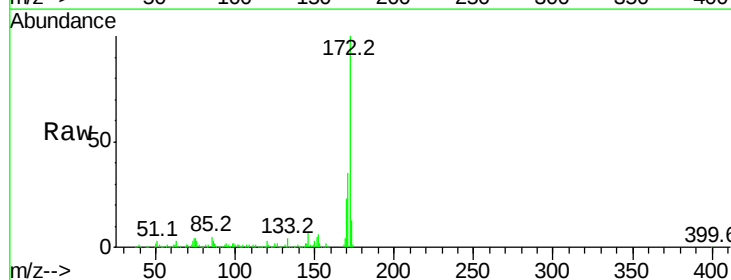


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

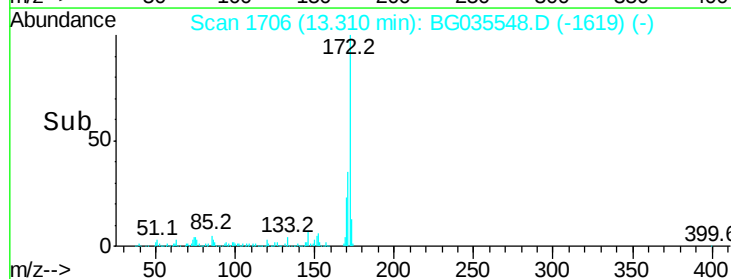
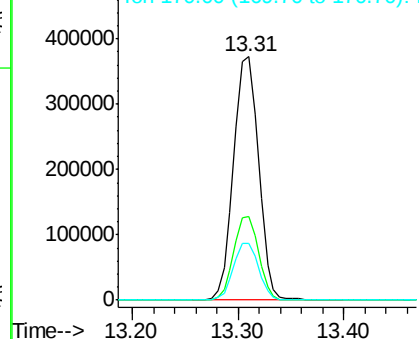


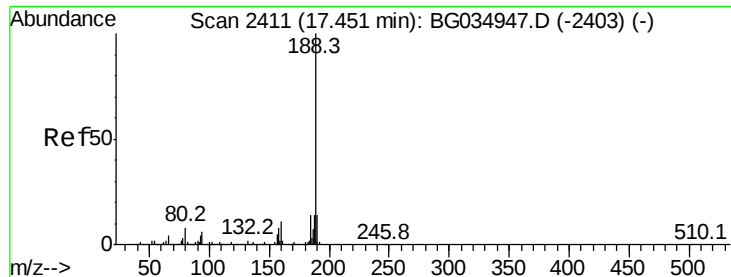
#44
 2-Fluorobiphenyl
 Concen: 88.462 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035548.D
 Acq: 30 Jun 2018 18:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.2	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035548.D

Acq: 30 Jun 2018 18:43

Instrument :

BNA_G

ClientSampleId :

PB110714BL

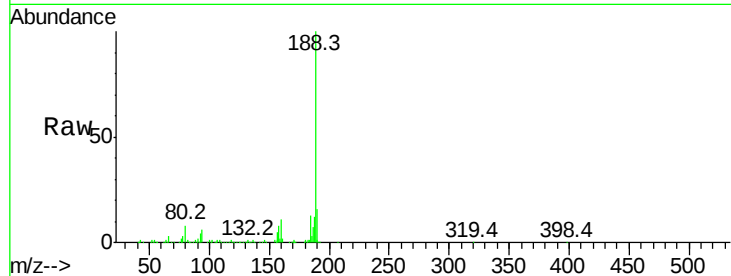
Tot Ion:188 Resp: 272890

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

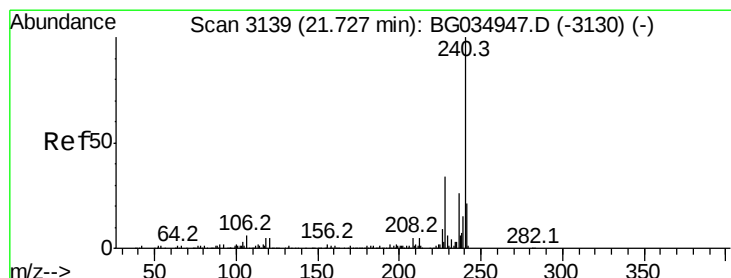
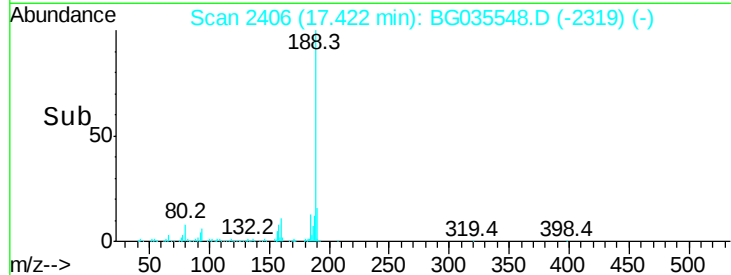
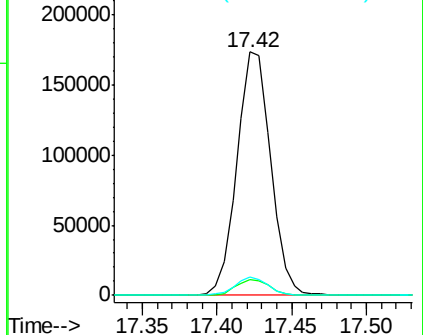
80 7.6 7.7 11.5#



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: BG035548.D

Acq: 30 Jun 2018 18:43

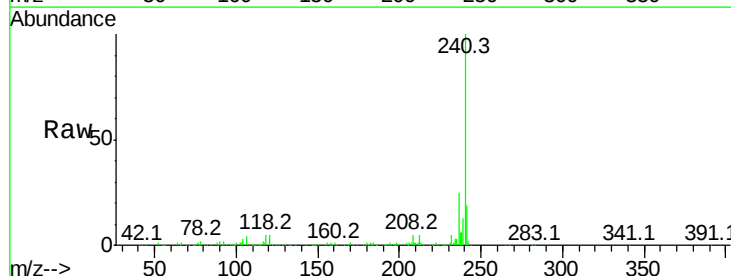
Tgt Ion:240 Resp: 318952

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

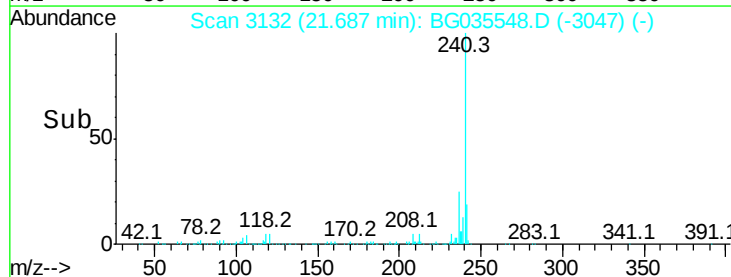
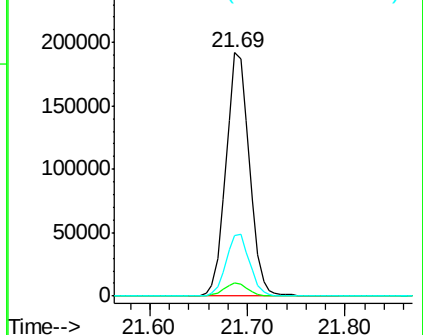
236 25.0 20.9 31.3

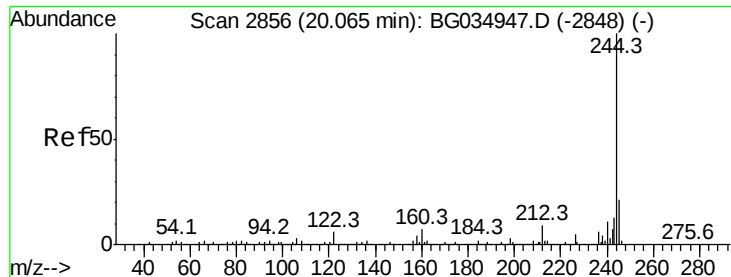


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.622 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035548.D

Acq: 30 Jun 2018 18:43

Instrument :

BNA_G

ClientSampleId :

PB110714BL

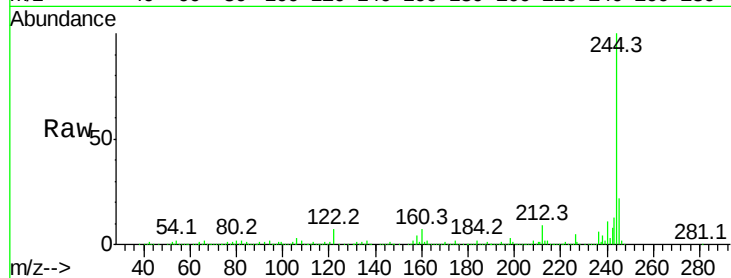
Tot Ion:244 Resp: 1364657

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

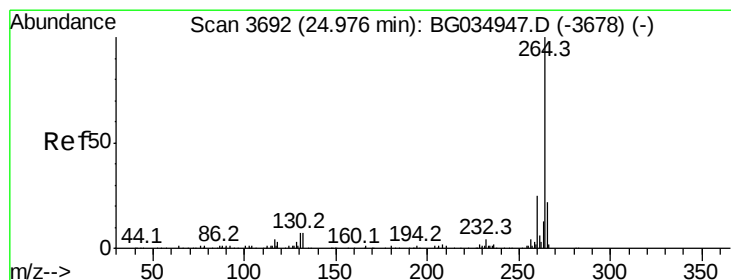
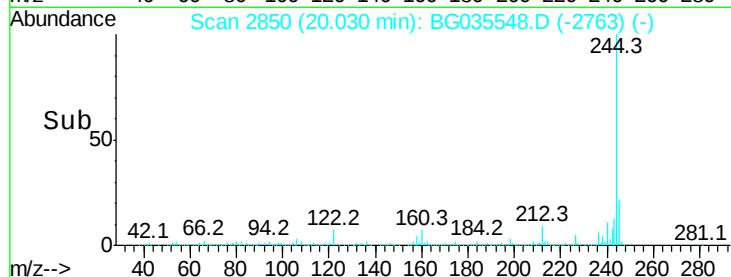
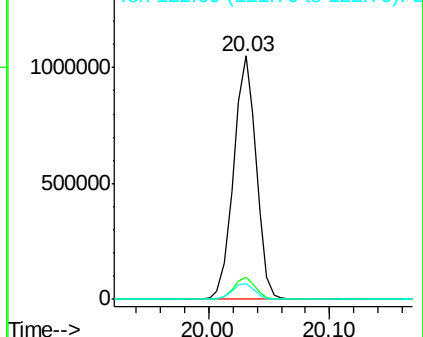
122 6.6 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035548.D

Acq: 30 Jun 2018 18:43

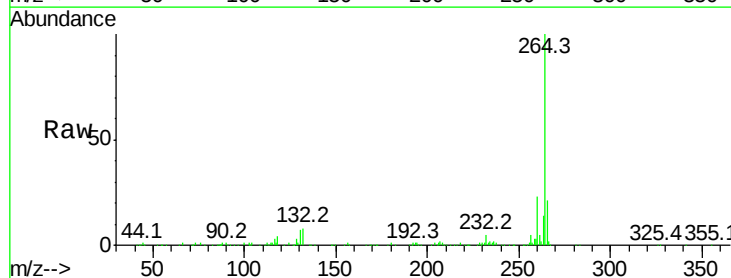
Tgt Ion:264 Resp: 301345

Ion Ratio Lower Upper

264 100

260 22.6 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

