

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035194.D
 Acq On : 16 Jun 2018 6:02
 Operator : SJ/JU
 Sample : PB110191TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110191TB

Quant Time: Jun 16 06:44:02 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	44772	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	169421	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	129227	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	362992	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	408188	20.00	ng	-0.02
86) Perylene-d12	24.92	264	343132	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	398719	150.29	ng	-0.01
7) Phenol-d6	7.22	99	596356	152.30	ng	0.00
23) Nitrobenzene-d5	9.22	82	385829	108.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	280443	169.53	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	925874	93.14	ng	-0.02
78) Terphenyl-d14	20.04	244	1815804	93.18	ng	-0.01

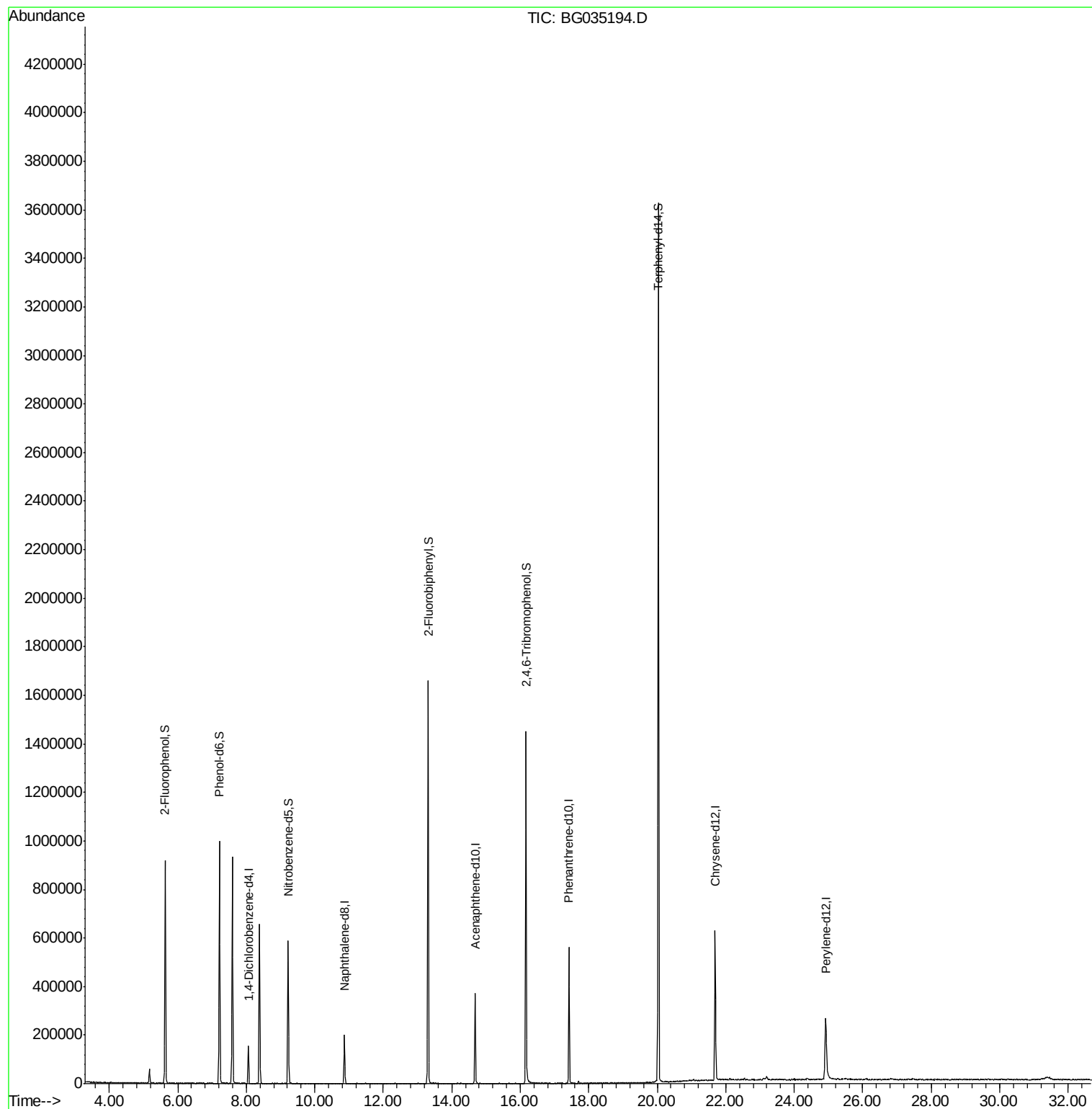
Target Compounds Qvalue

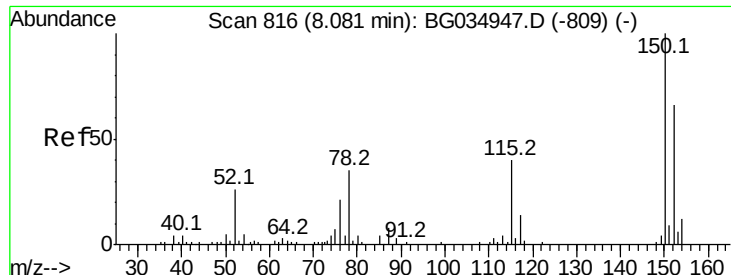
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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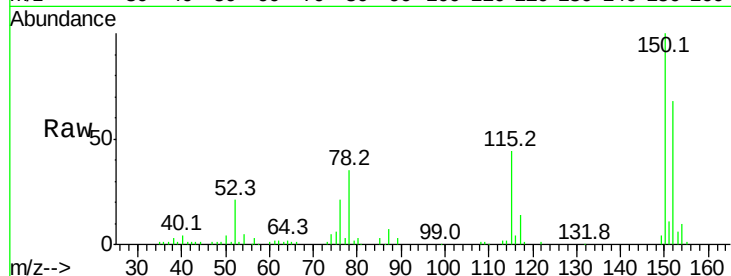


#1

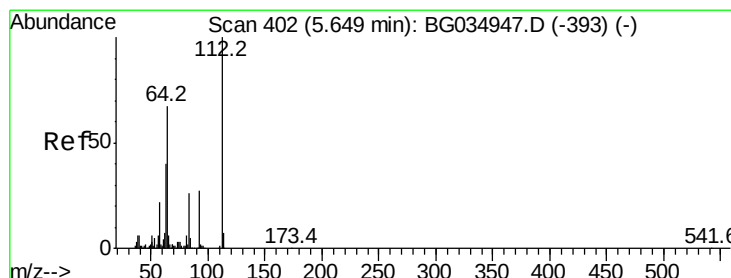
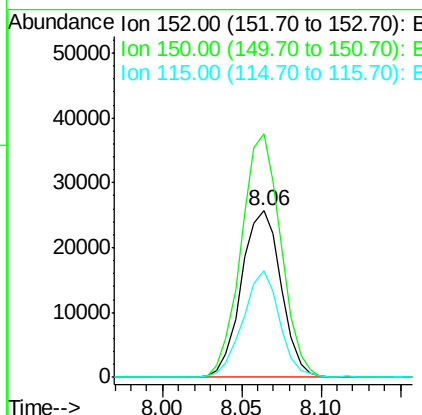
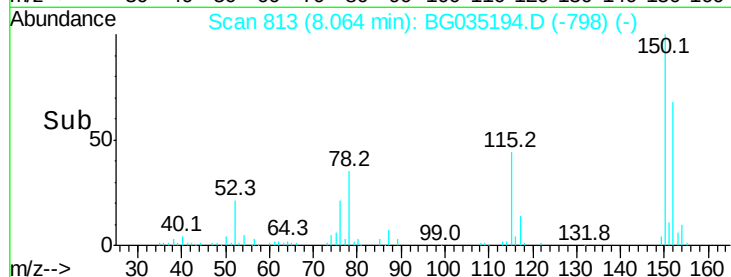
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035194.D
Acq: 16 Jun 2018 6:02

Instrument :
BNA_G
ClientSampleId :
PB110191TB

Tot Ion:152 Resp: 44772
Ion Ratio Lower Upper
152 100
150 146.1 126.6 189.8
115 64.1 53.0 79.4



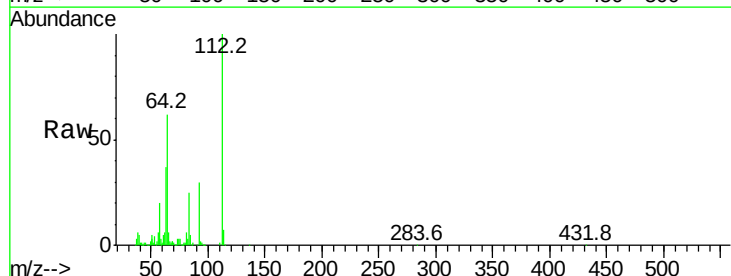
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



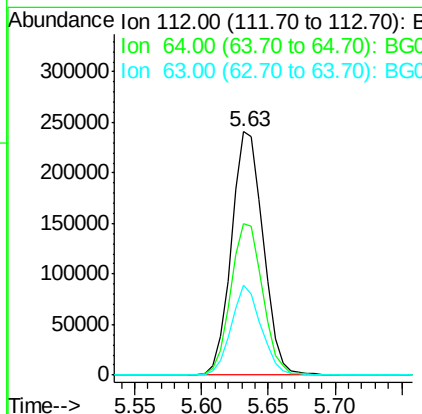
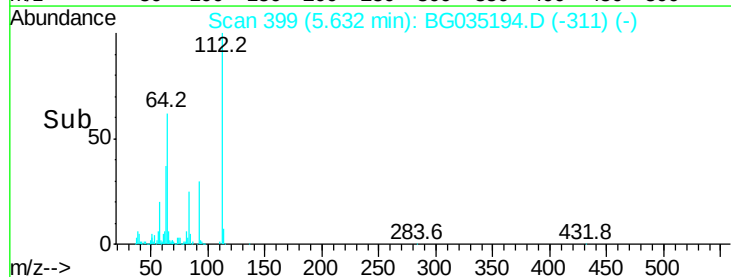
#5

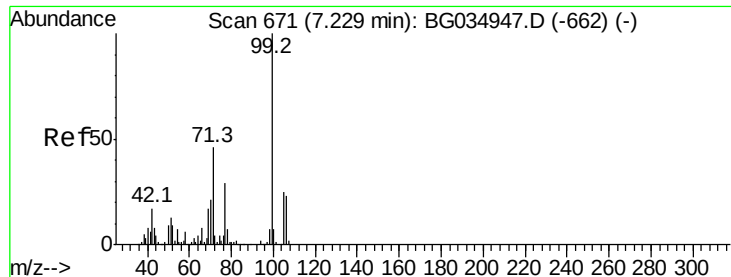
2-Fluorophenol
Concen: 150.291 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035194.D
Acq: 16 Jun 2018 6:02

Tgt Ion:112 Resp: 398719
Ion Ratio Lower Upper
112 100
64 62.4 56.3 84.5
63 37.0 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: 152.301 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035194.D

Acq: 16 Jun 2018 6:02

Instrument :

BNA_G

ClientSampleId :

PB110191TB

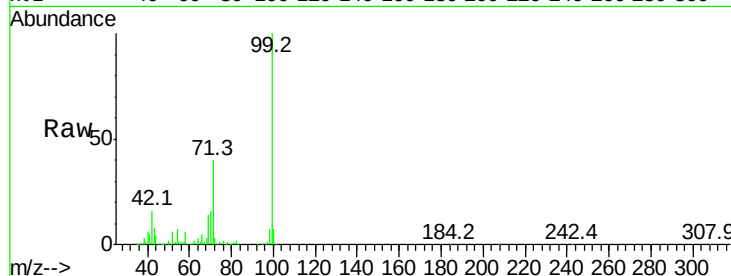
Tot Ion: 99 Resp: 596356

Ion Ratio Lower Upper

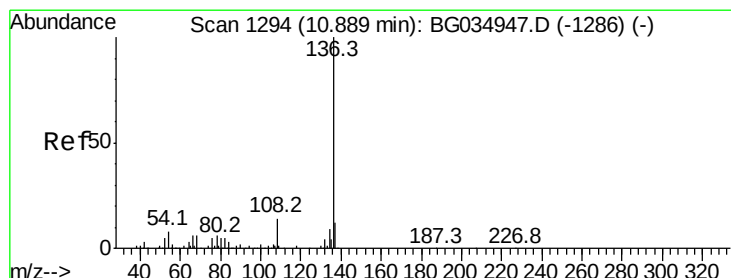
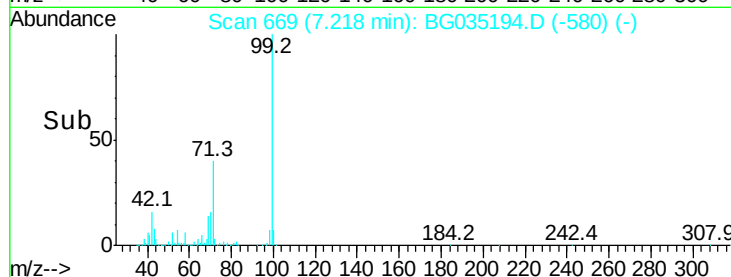
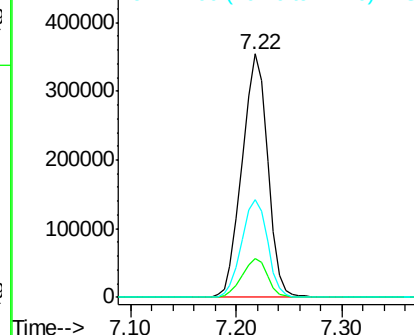
99 100

42 15.9 14.1 21.1

71 40.3 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: BG035194.D

Acq: 16 Jun 2018 6:02

Tgt Ion: 136 Resp: 169421

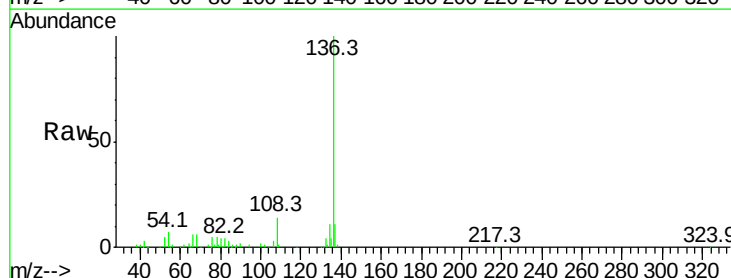
Ion Ratio Lower Upper

136 100

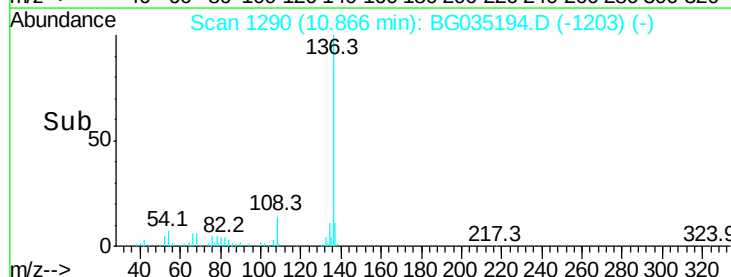
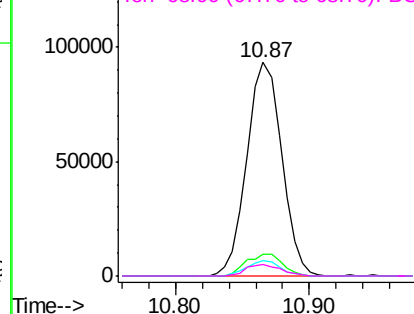
137 10.5 9.2 13.8

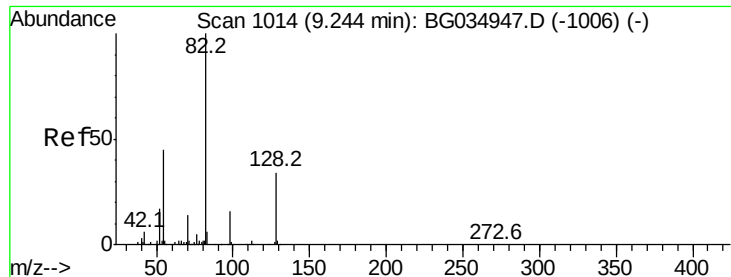
54 7.0 10.3 15.5#

68 5.6 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

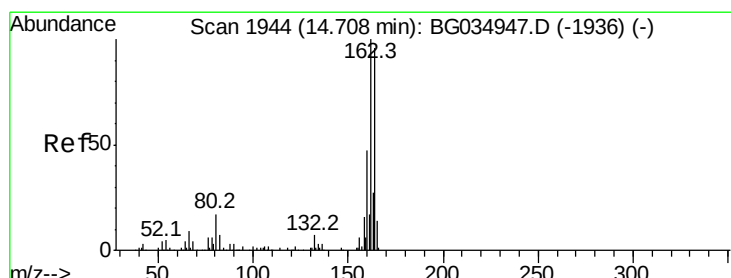
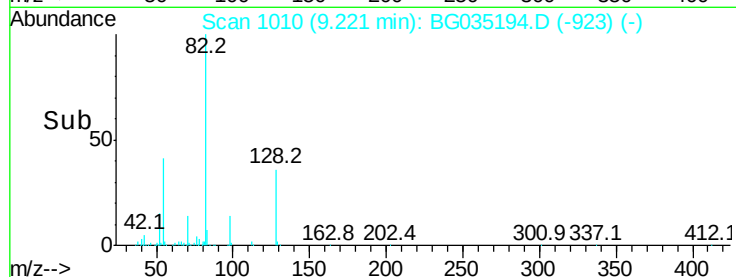
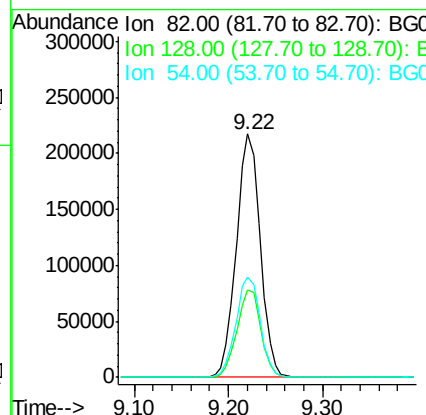
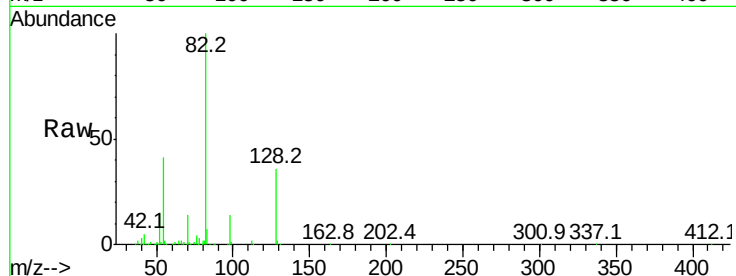




#23
 Nitrobenzene-d5
 Concen: 108.252 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035194.D
 Acq: 16 Jun 2018 6:02

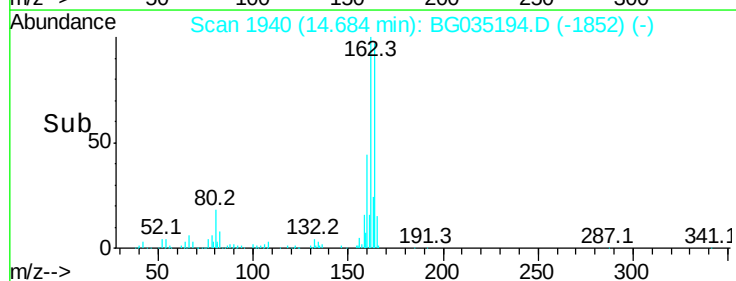
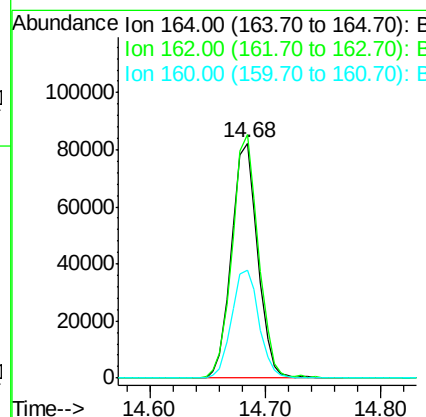
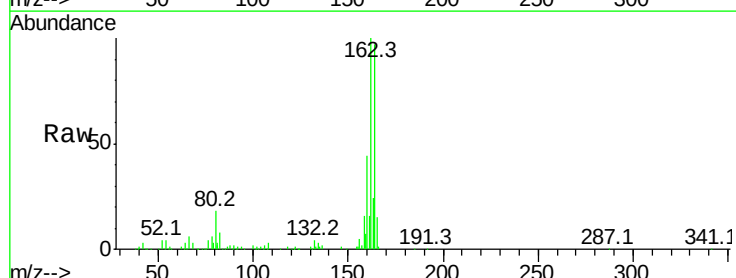
Instrument :
 BNA_G
 ClientSampleId :
 PB110191TB

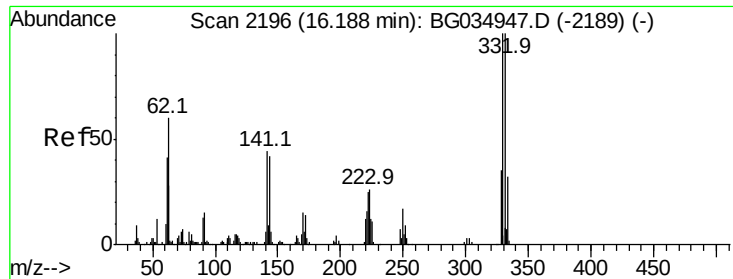
Tot Ion	82	Resp	385829
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	41.4	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035194.D
 Acq: 16 Jun 2018 6:02

Tgt Ion	164	Resp	129227
Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	45.9	35.4	53.0

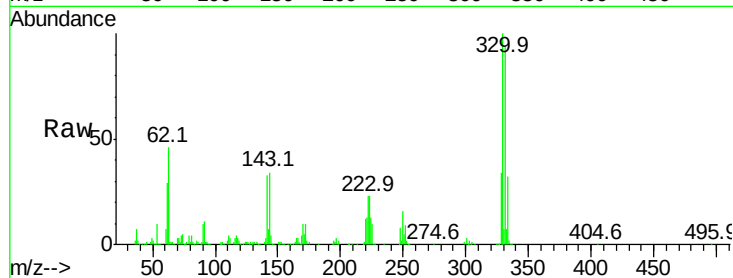




#41
2,4,6-Tribromophenol
Concen: 169.527 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035194.D
Acq: 16 Jun 2018 6:02

Instrument :
BNA_G
ClientSampleId :
PB110191TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	36.8	25.2	37.8

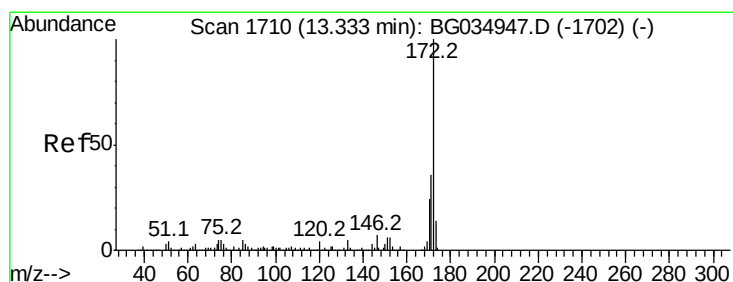
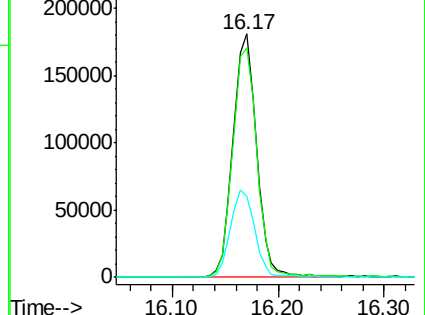
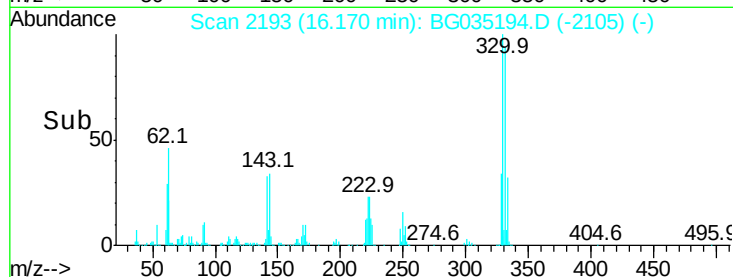


Abundance

Ion 329.80 (329.50 to 330.50): E

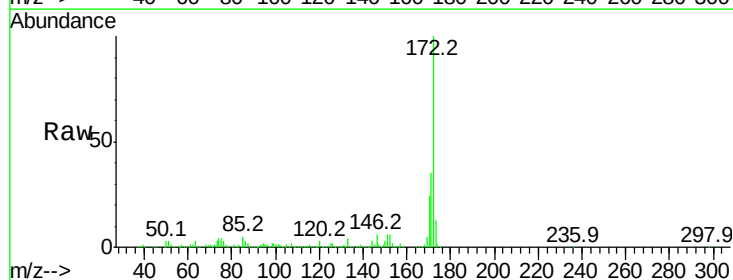
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 93.141 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035194.D
Acq: 16 Jun 2018 6:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.8	19.5	29.3

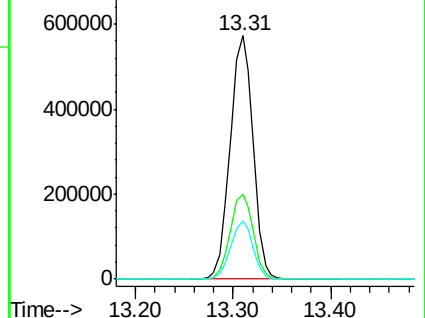
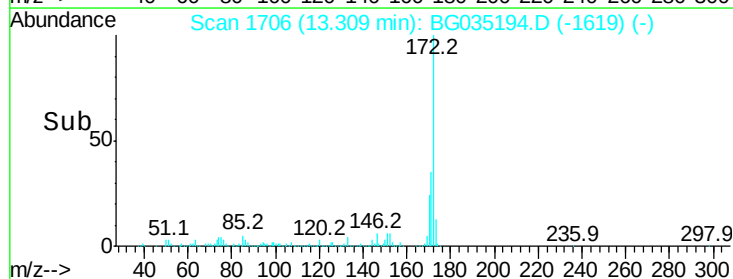


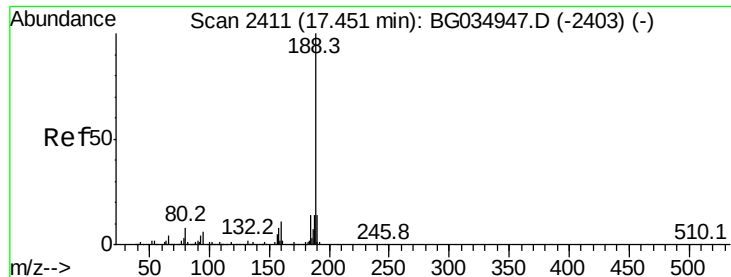
Abundance

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# 2406

Delta R.T. -0.02 min

Lab File: BG035194.D

Acq: 16 Jun 2018 6:02

Instrument :

BNA_G

ClientSampleId :

PB110191TB

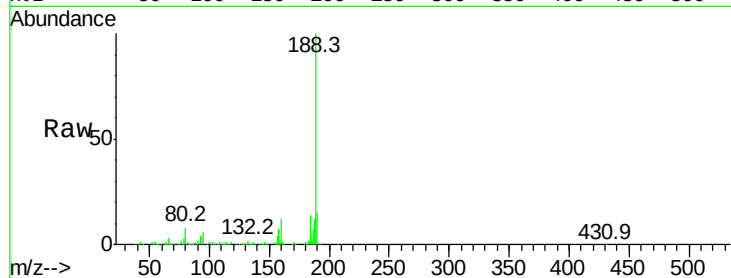
Tot Ion:188 Resp: 362992

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

80 7.9 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

300000

250000

200000

150000

100000

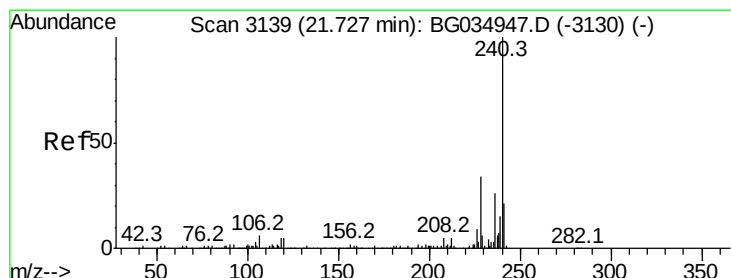
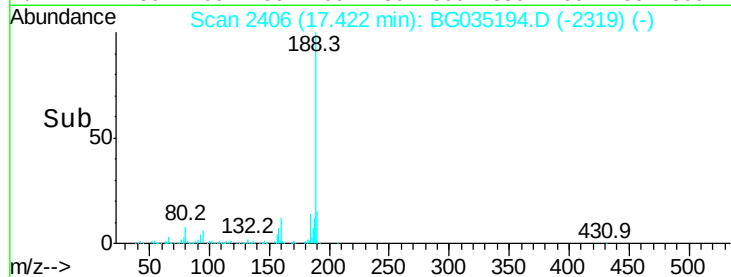
50000

0

17.42

17.40 17.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035194.D

Acq: 16 Jun 2018 6:02

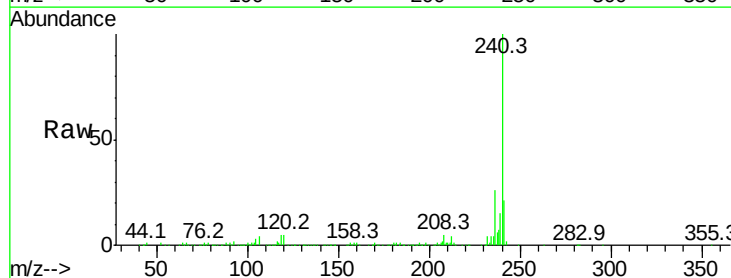
Tgt Ion:240 Resp: 408188

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

236 26.2 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

300000

250000

200000

150000

100000

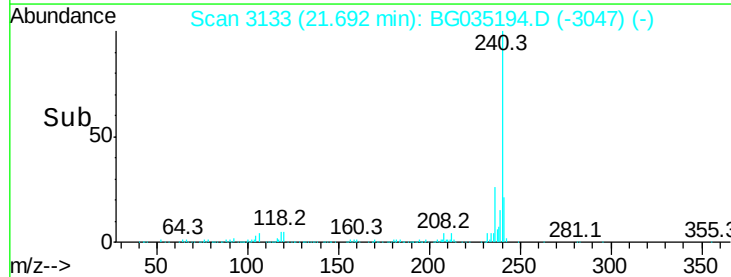
50000

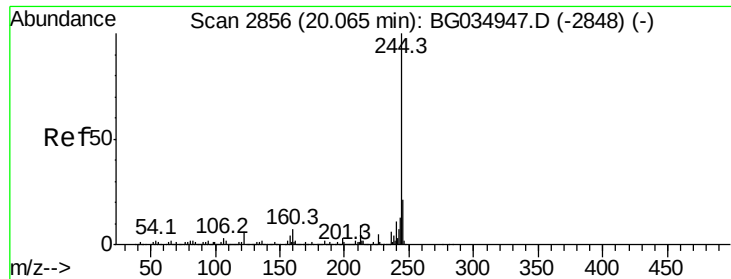
0

21.69

21.60 21.70 21.80

Time-->





#78

Terphenyl-d14

Concen: 93.181 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035194.D

Acq: 16 Jun 2018 6:02

Instrument :

BNA_G

ClientSampleId :

PB110191TB

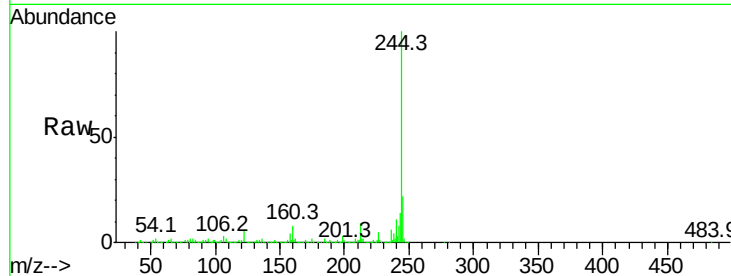
Tot Ion:244 Resp: 1815804

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

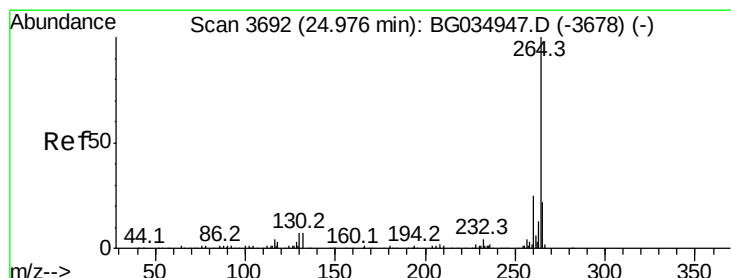
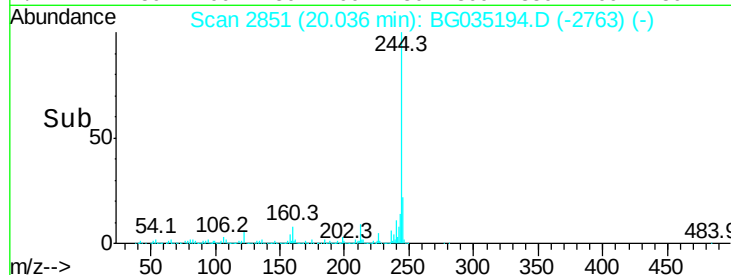
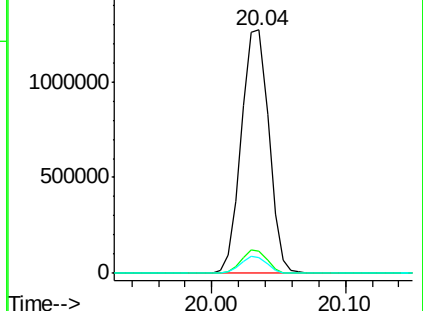
122 6.3 7.0 10.4#



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# 3683

Delta R.T. -0.03 min

Lab File: BG035194.D

Acq: 16 Jun 2018 6:02

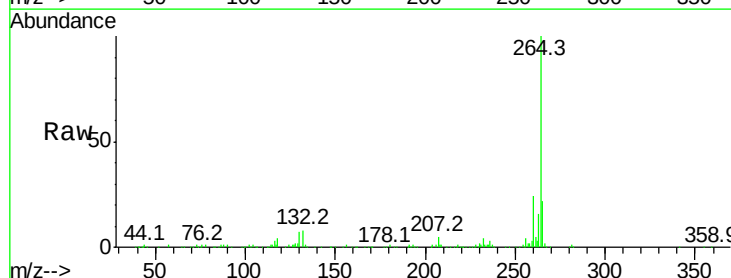
Tgt Ion:264 Resp: 343132

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.8 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

