

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035245.D
 Acq On : 19 Jun 2018 9:27
 Operator : SJ/JU
 Sample : J3566-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Jun 19 11:22:38 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	59341	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	205961	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	137789	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	386800	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	375873	20.00	ng	-0.02
86) Perylene-d12	24.92	264	230604	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	515636	146.64	ng	0.00
7) Phenol-d6	7.22	99	664735	128.08	ng	0.00
23) Nitrobenzene-d5	9.22	82	533803	123.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	367698	208.46	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1147962	108.31	ng	-0.02
78) Terphenyl-d14	20.04	244	2080748	115.96	ng	-0.01

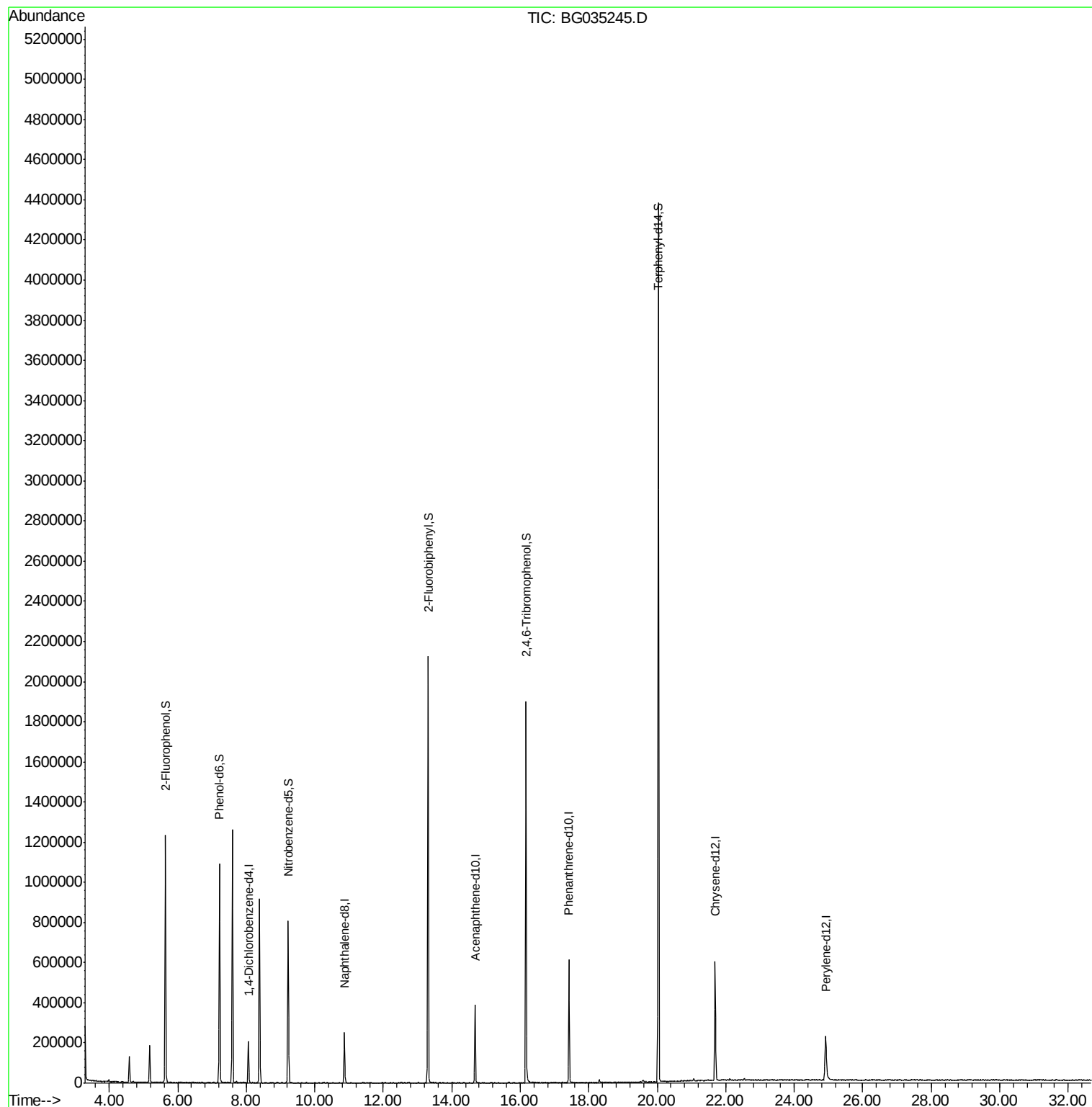
Target Compounds Qvalue

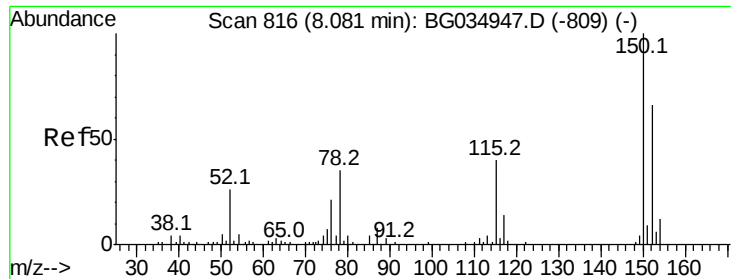
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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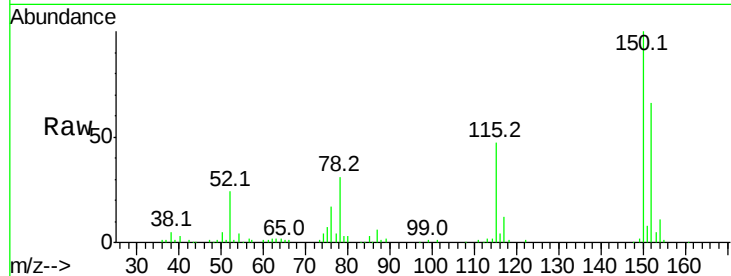


#1

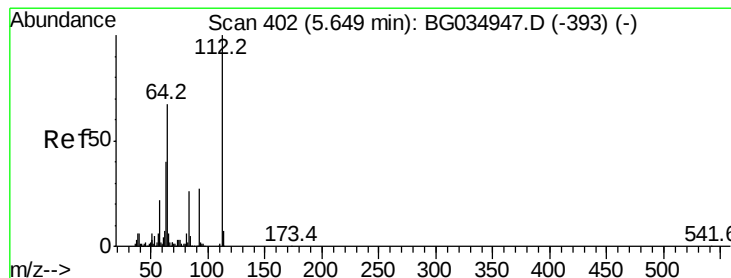
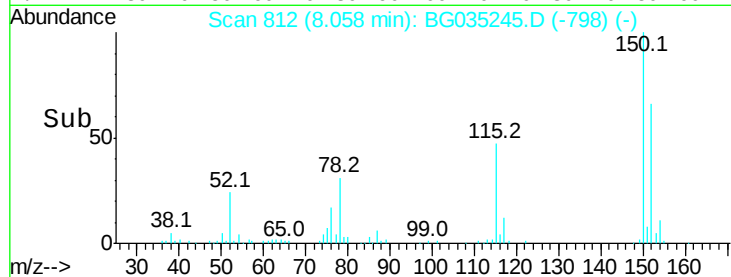
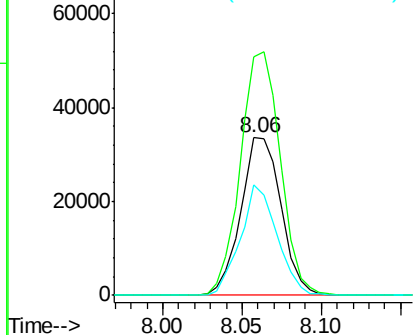
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035245.D
Acq: 19 Jun 2018 9:27

Instrument :
BNA_G
ClientSampleId :
TP-7

Tot Ion:152 Resp: 59341
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 70.4 53.0 79.4



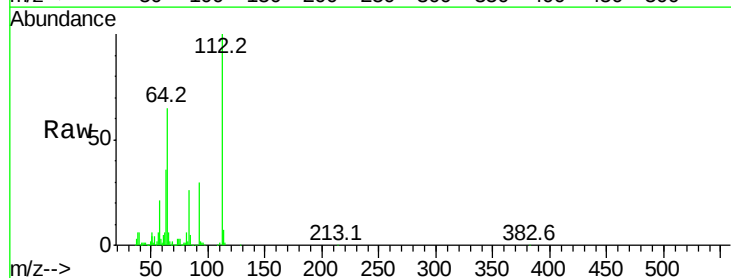
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



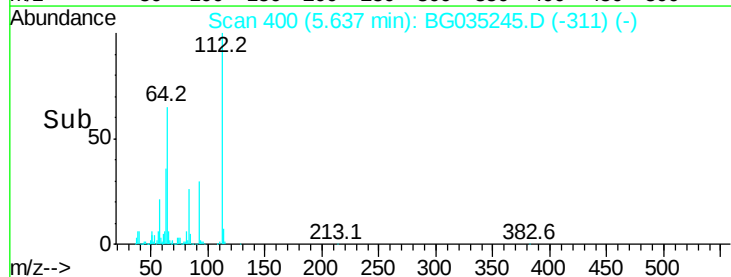
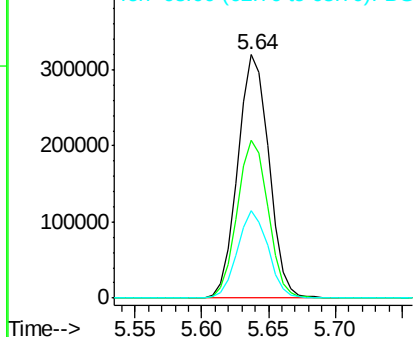
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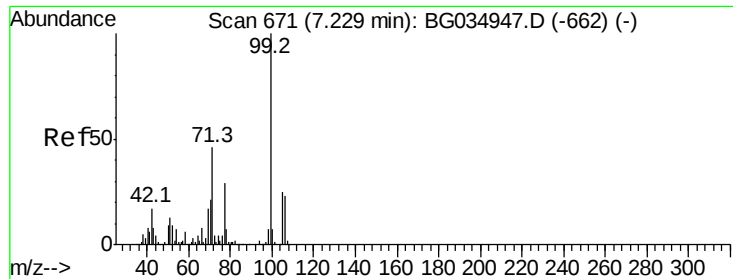
2-Fluorophenol
Concen: 146.642 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035245.D
Acq: 19 Jun 2018 9:27

Tgt Ion:112 Resp: 515636
Ion Ratio Lower Upper
112 100
64 65.1 56.3 84.5
63 35.9 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: 128.084 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035245.D

Acq: 19 Jun 2018 9:27

Instrument :

BNA_G

ClientSampleId :

TP-7

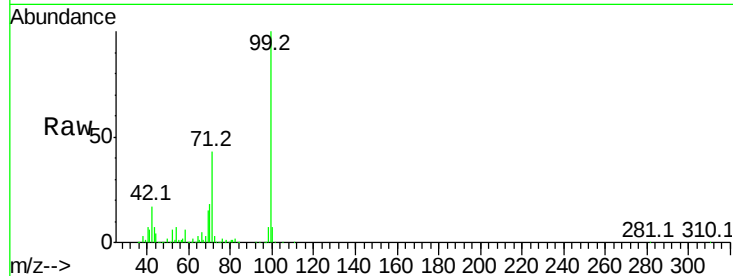
Tot Ion: 99 Resp: 664735

Ion Ratio Lower Upper

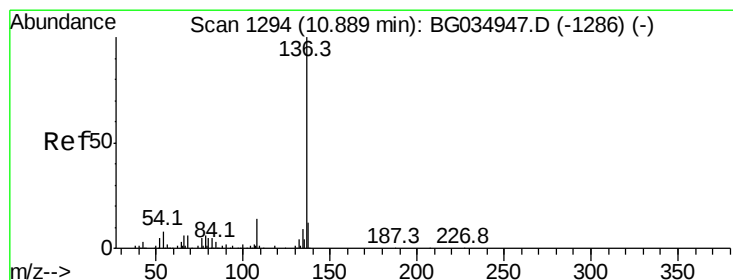
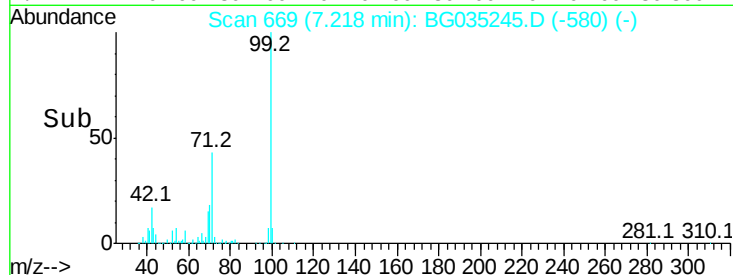
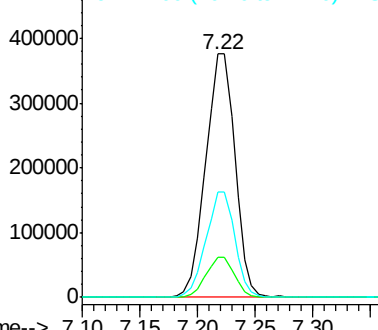
99 100

42 16.6 14.1 21.1

71 43.4 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: BG035245.D

Acq: 19 Jun 2018 9:27

Tgt Ion: 136 Resp: 205961

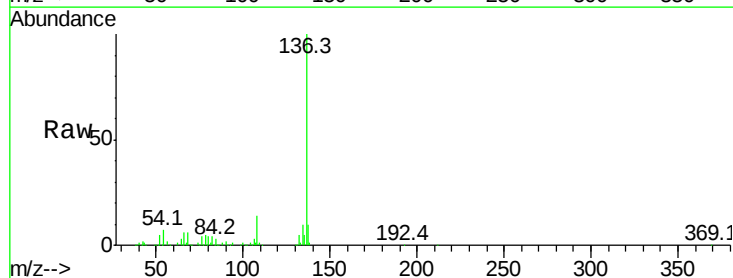
Ion Ratio Lower Upper

136 100

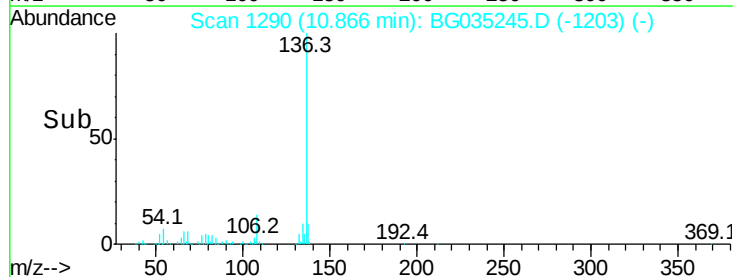
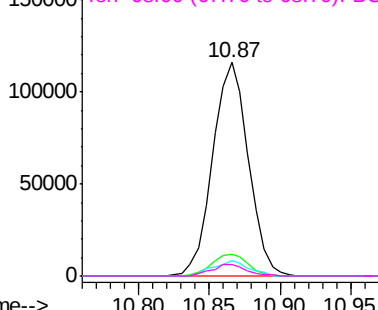
137 10.2 9.2 13.8

54 7.3 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: 123.198 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035245.D

Acq: 19 Jun 2018 9:27

Instrument :

BNA_G

ClientSampleId :

TP-7

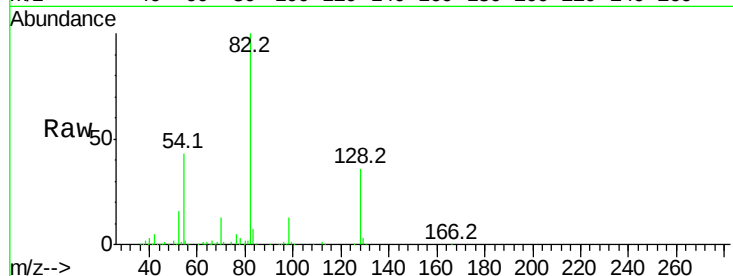
Tot Ion: 82 Resp: 533803

Ion Ratio Lower Upper

82 100

128 35.7 29.7 44.5

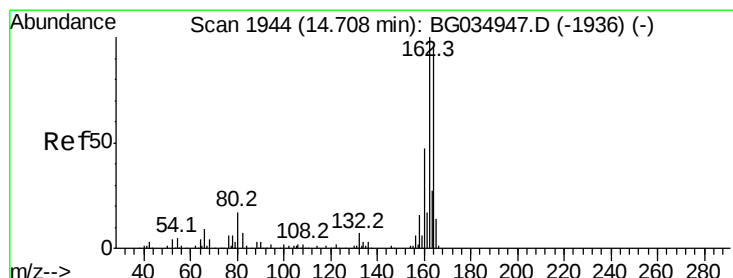
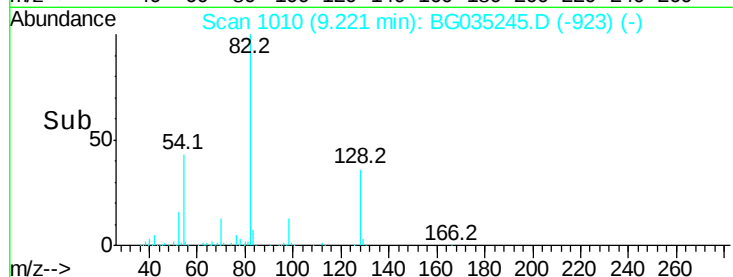
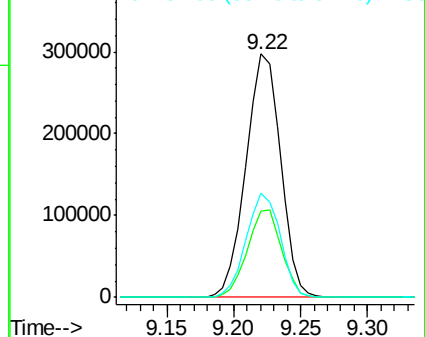
54 42.8 43.1 64.7#



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# 1940

Delta R.T. -0.01 min

Lab File: BG035245.D

Acq: 19 Jun 2018 9:27

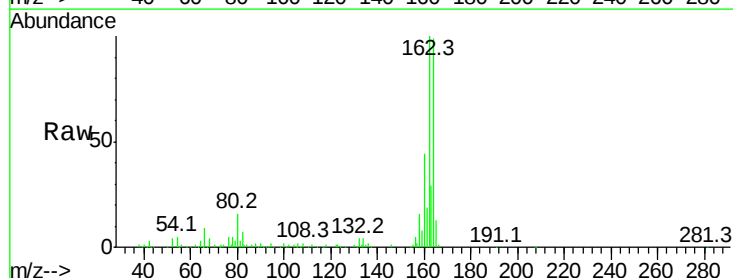
Tgt Ion:164 Resp: 137789

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

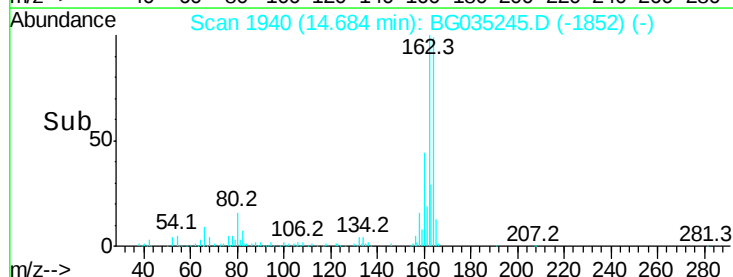
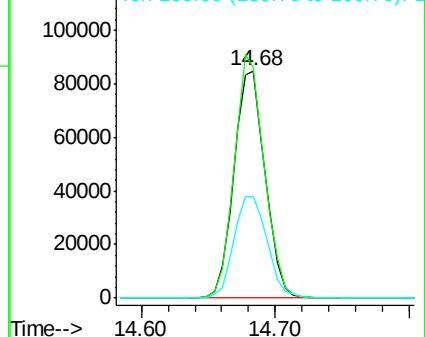
160 44.9 35.4 53.0

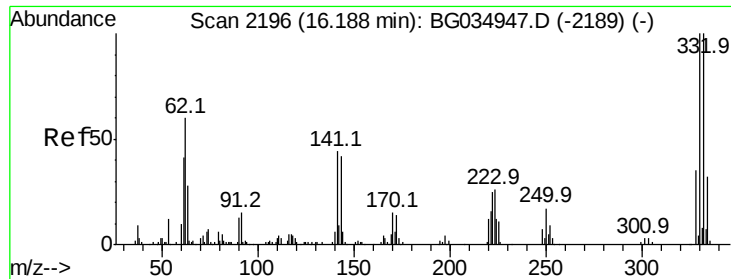


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

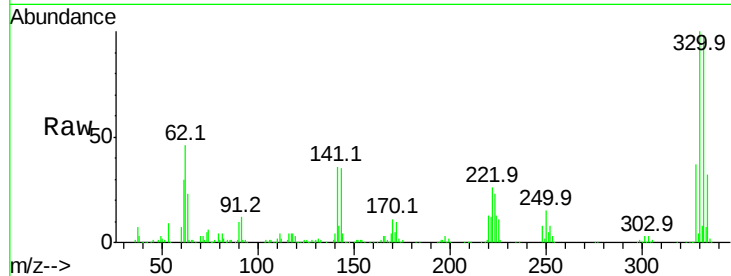




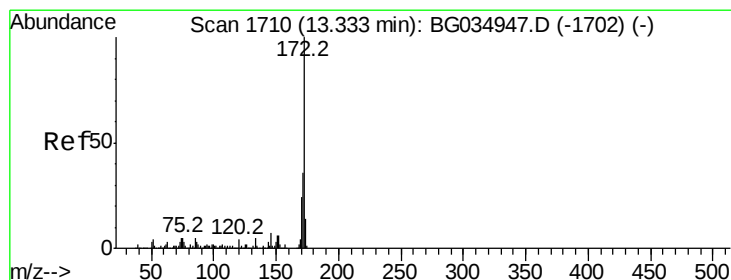
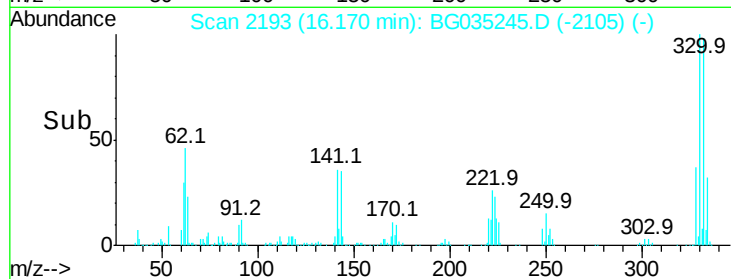
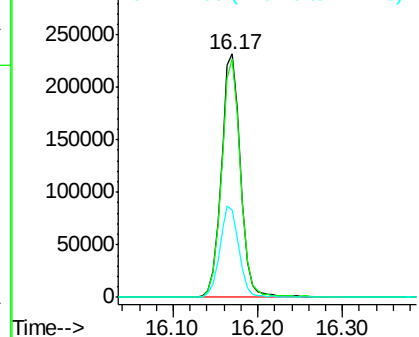
#41
 2,4,6-Tribromophenol
 Concen: 208.460 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035245.D
 Acq: 19 Jun 2018 9:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	37.7	25.2	37.8

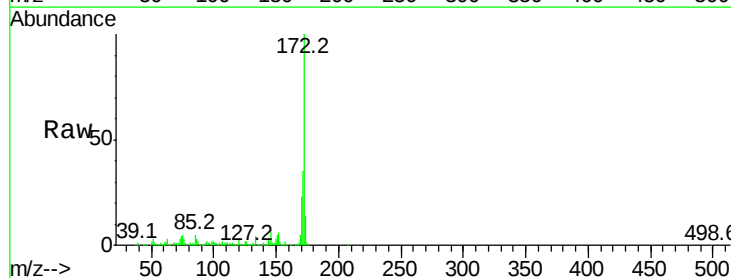


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

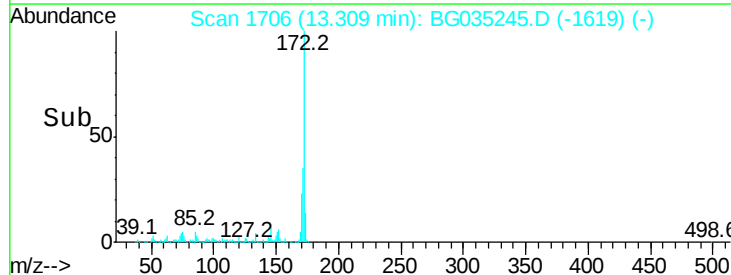
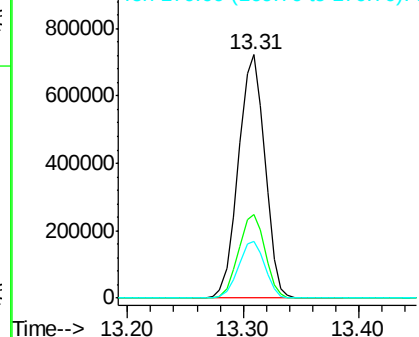


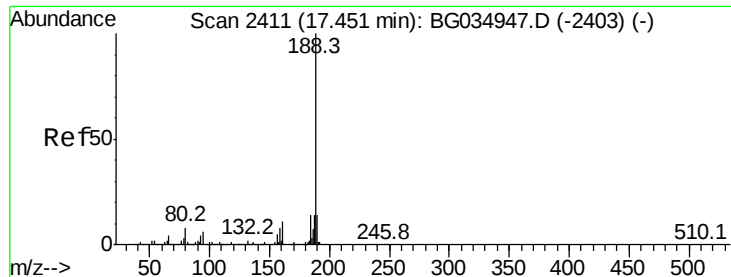
#44
 2-Fluorobiphenyl
 Concen: 108.307 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035245.D
 Acq: 19 Jun 2018 9:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.4	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

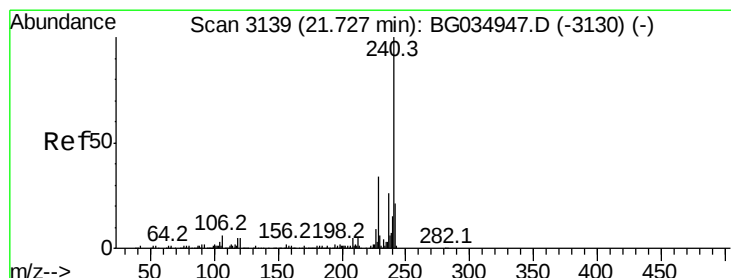
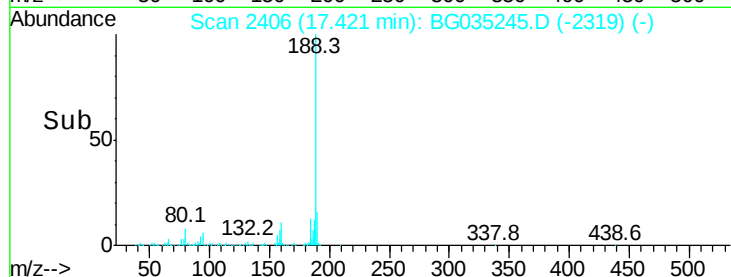
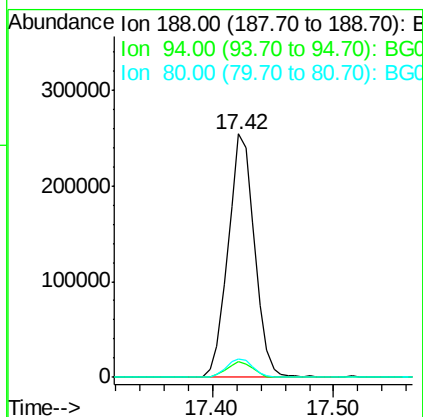
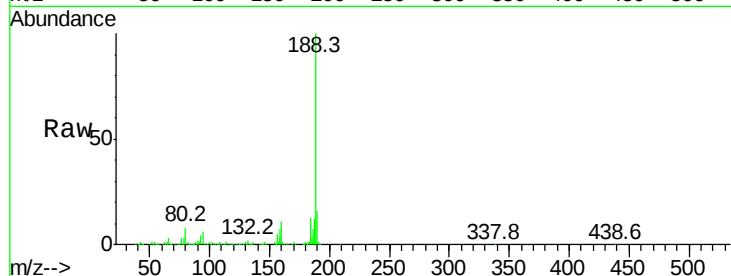




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035245.D
Acq: 19 Jun 2018 9:27

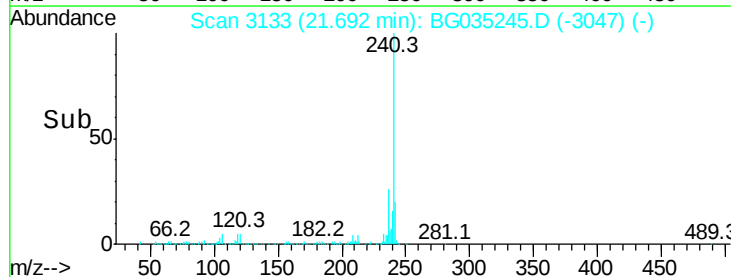
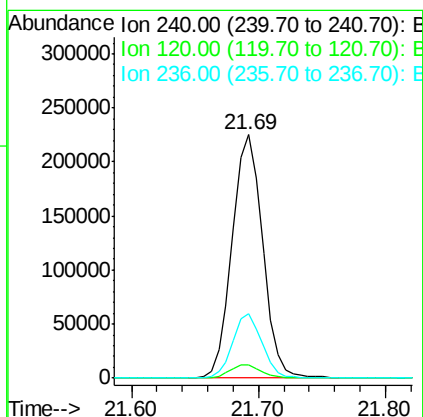
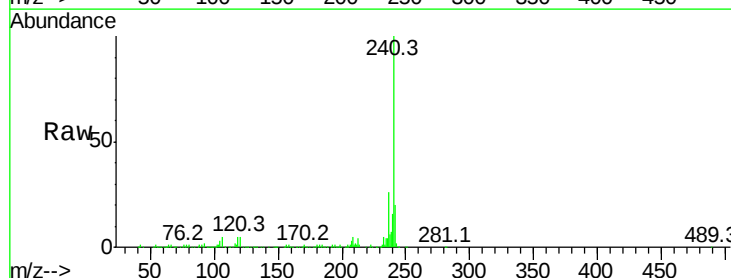
Instrument :
BNA_G
ClientSampleId :
TP-7

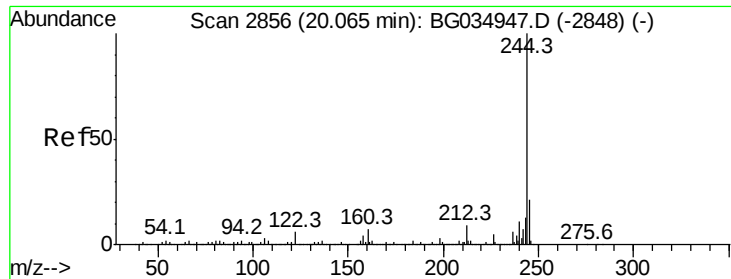
Tot Ion:188 Resp: 386800
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035245.D
Acq: 19 Jun 2018 9:27

Tgt Ion:240 Resp: 375873
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 115.956 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035245.D

Acq: 19 Jun 2018 9:27

Instrument :

BNA_G

ClientSampleId :

TP-7

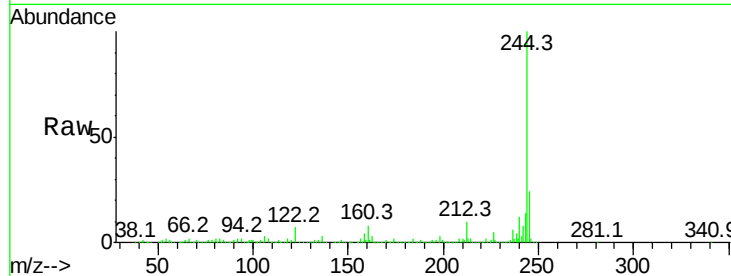
Tot Ion:244 Resp: 2080748

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

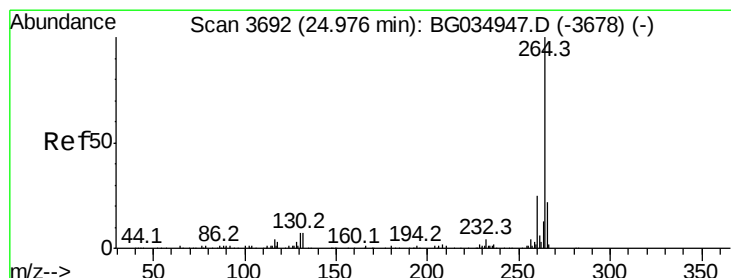
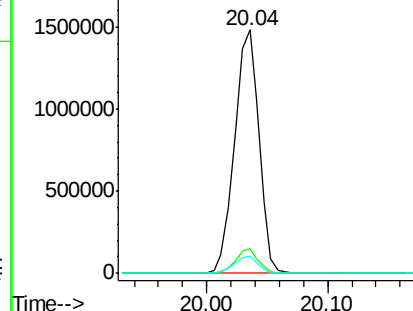
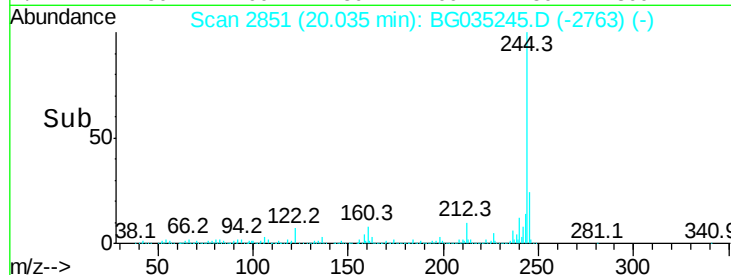
122 7.0 7.0 10.4#



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: BG035245.D

Acq: 19 Jun 2018 9:27

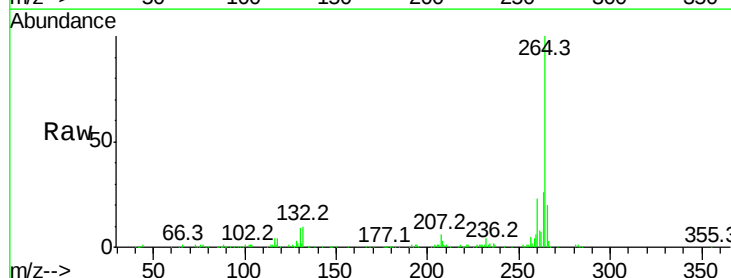
Tgt Ion:264 Resp: 230604

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 19.6 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

