

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035717.D
 Acq On : 18 Jul 2018 14:16
 Operator : JU/SJ
 Sample : PB111100TB
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111100TB

Quant Time: Jul 18 15:15:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44083	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	157725	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	109170	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	333020	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	400053	20.00	ng	-0.02
86) Perylene-d12	24.88	264	385114	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	382832	144.18	ng	-0.01
7) Phenol-d6	7.21	99	535451	135.16	ng	-0.01
23) Nitrobenzene-d5	9.20	82	349220	92.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	239015	166.11	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	807974	99.16	ng	-0.02
78) Terphenyl-d14	20.01	244	1702352	93.80	ng	-0.01

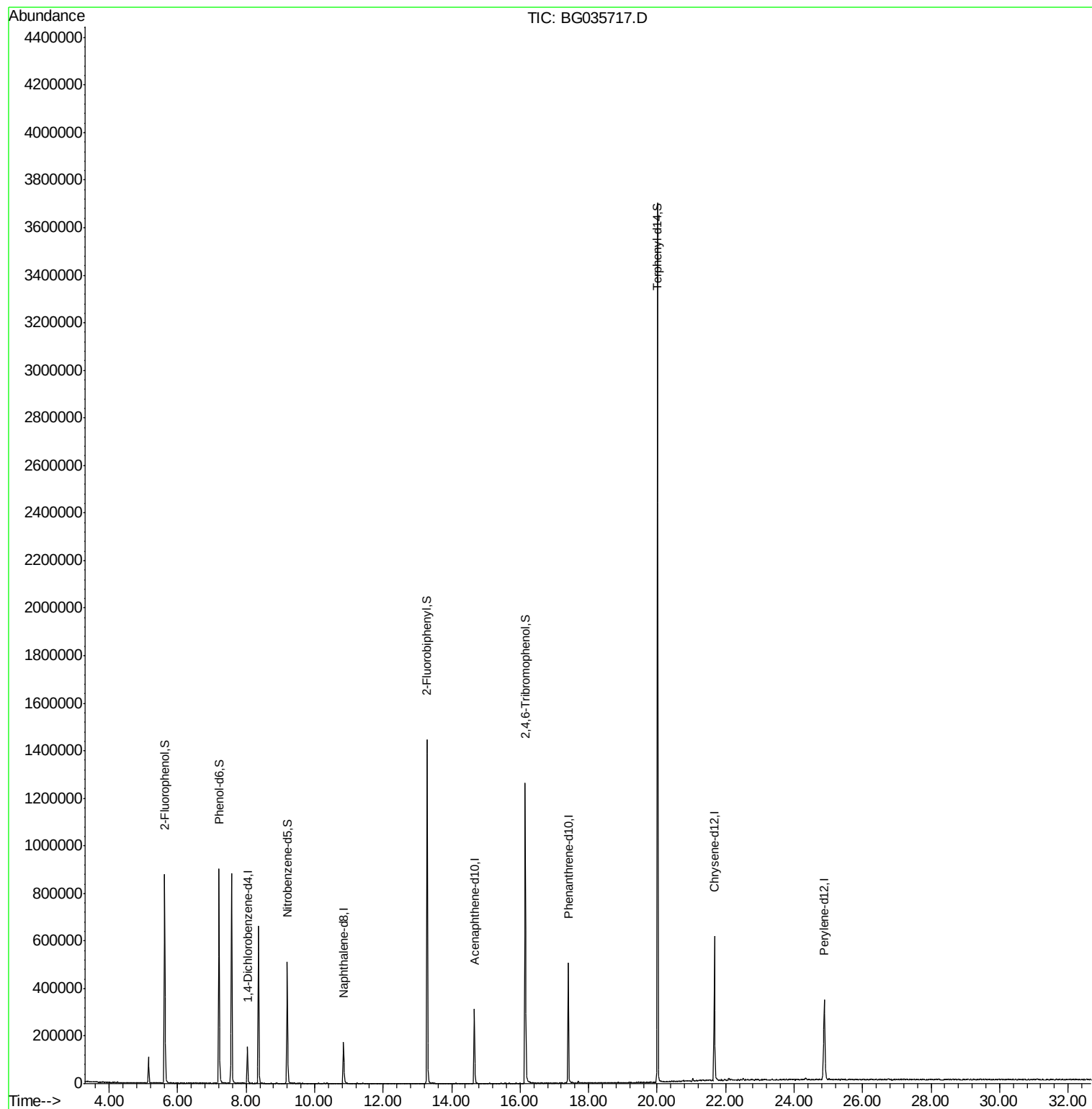
Target Compounds Qvalue

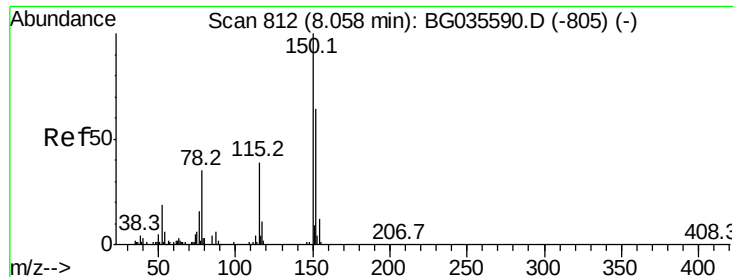
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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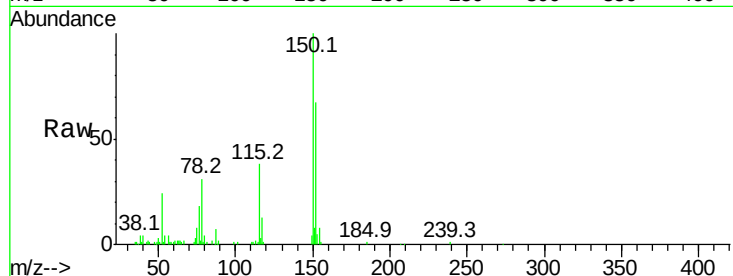


#1

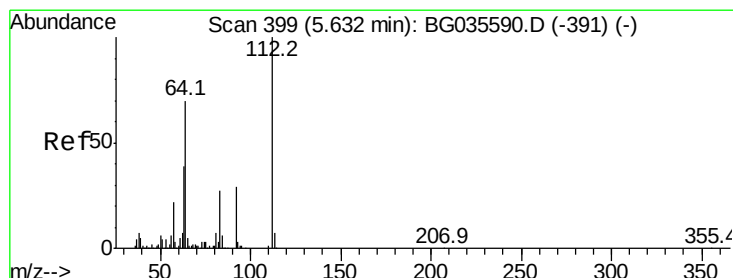
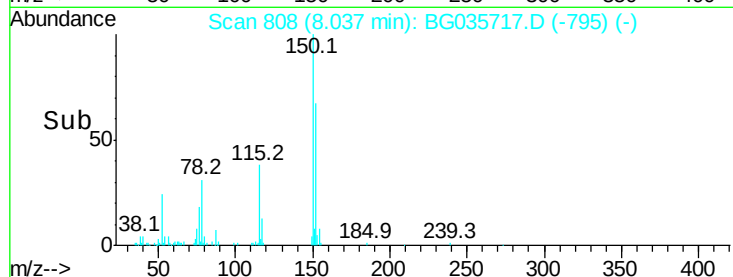
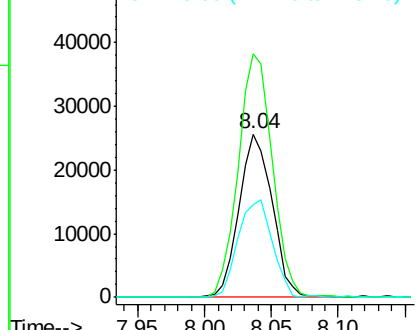
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG035717.D
Acq: 18 Jul 2018 14:16

Instrument :
BNA_G
ClientSampleId :
PB111100TB

Tot Ion:152 Resp: 44083
Ion Ratio Lower Upper
152 100
150 149.3 126.6 189.8
115 57.1 53.0 79.4



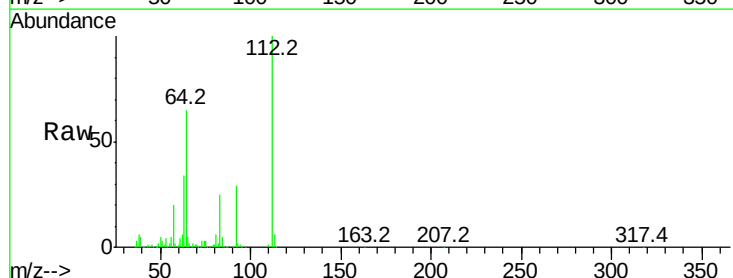
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



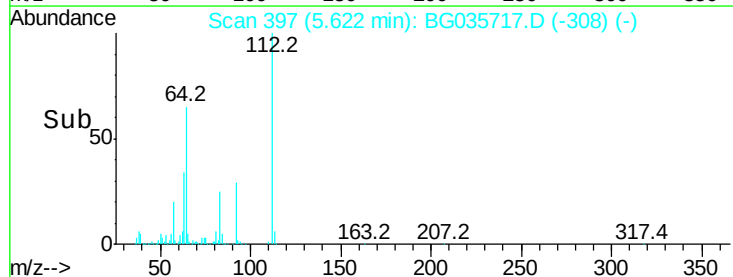
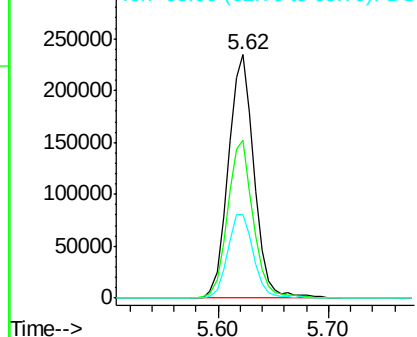
#5

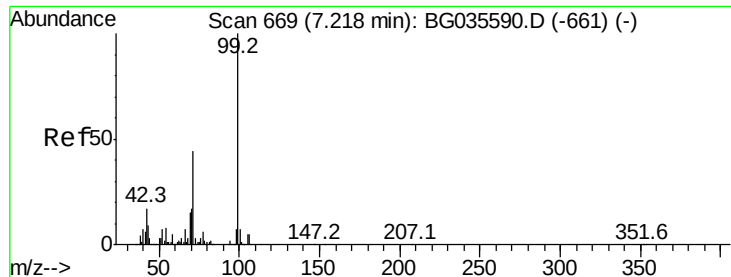
2-Fluorophenol
Concen: 144.181 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG035717.D
Acq: 18 Jul 2018 14:16

Tgt Ion:112 Resp: 382832
Ion Ratio Lower Upper
112 100
64 64.8 56.3 84.5
63 34.2 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: 135.161 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035717.D

Acq: 18 Jul 2018 14:16

Instrument :

BNA_G

ClientSampleId :

PB111100TB

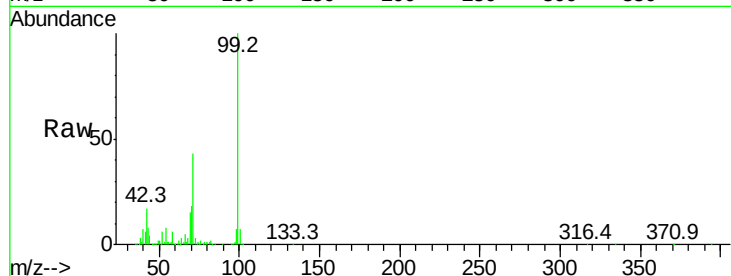
Tot Ion: 99 Resp: 535451

Ion Ratio Lower Upper

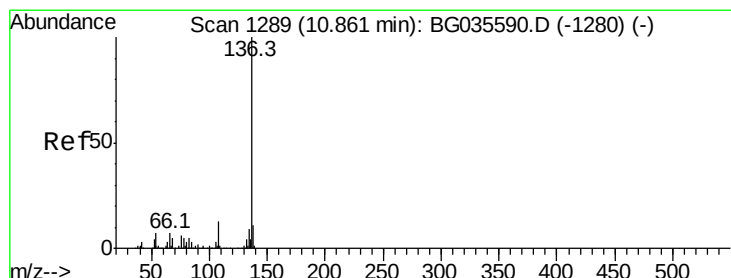
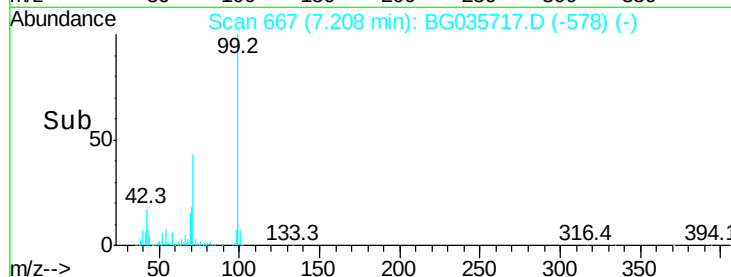
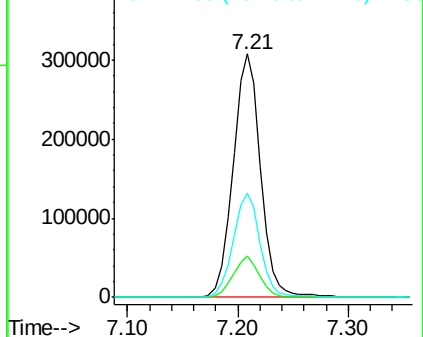
99 100

42 16.9 14.1 21.1

71 42.8 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: 10.84 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG035717.D

Acq: 18 Jul 2018 14:16

Tgt Ion:136 Resp: 157725

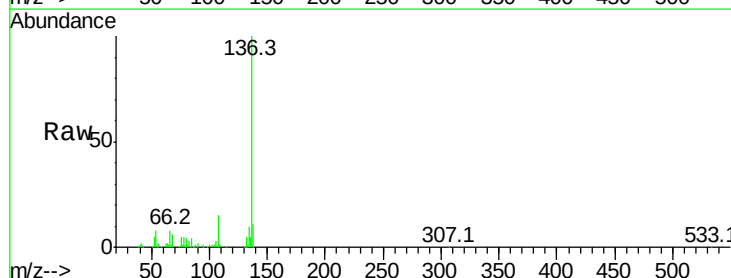
Ion Ratio Lower Upper

136 100

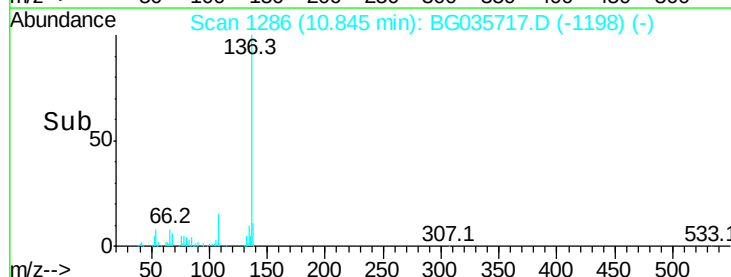
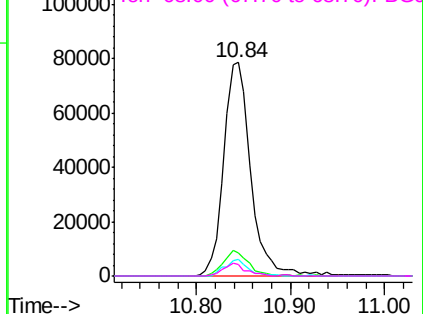
137 10.6 9.2 13.8

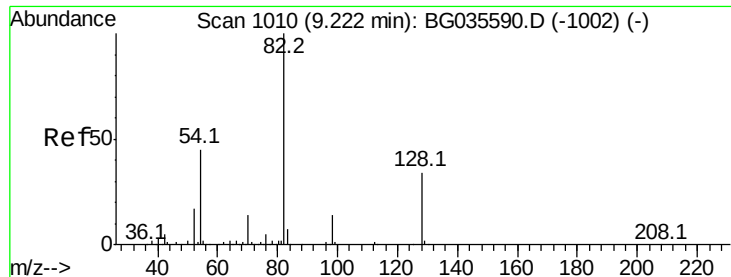
54 7.6 10.3 15.5#

68 5.5 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

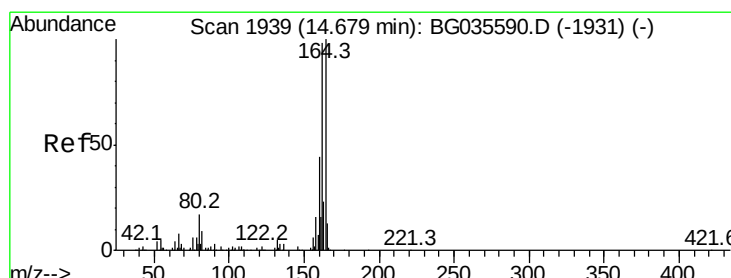
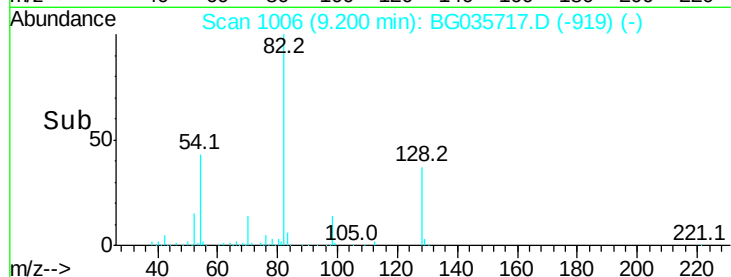
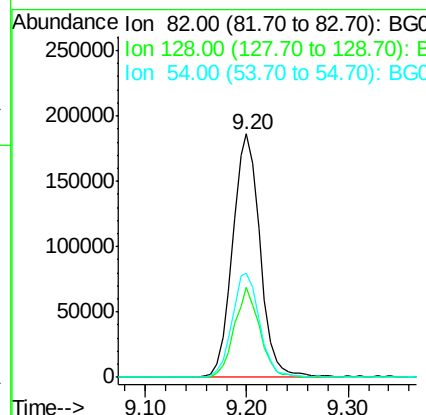
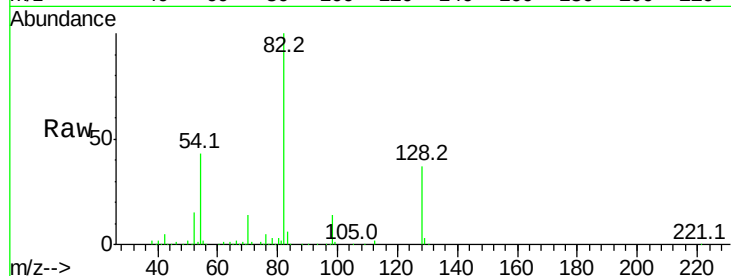




#23
 Nitrobenzene-d5
 Concen: 92.494 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BG035717.D
 Acq: 18 Jul 2018 14:16

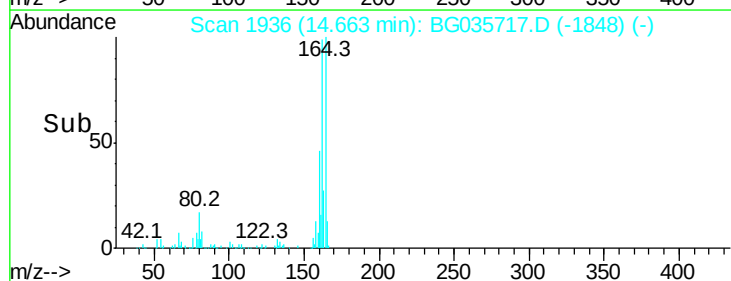
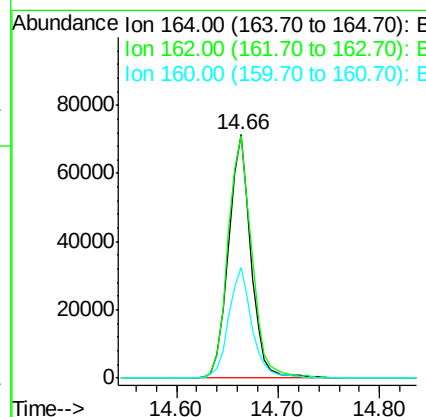
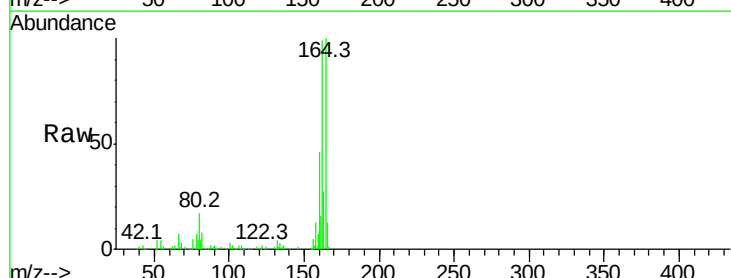
Instrument :
 BNA_G
 ClientSampleId :
 PB111100TB

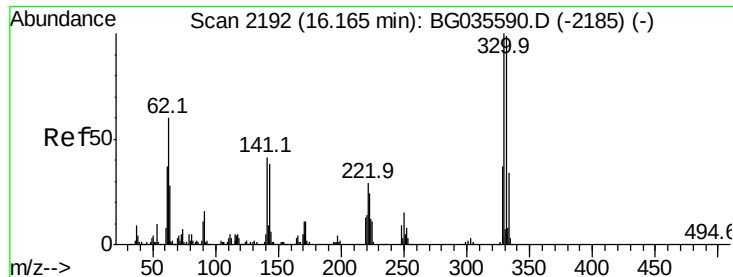
Tot Ion	82	Resp	349220
Ion Ratio	Lower	Upper	
82	100		
128	37.1	29.7	44.5
54	42.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BG035717.D
 Acq: 18 Jul 2018 14:16

Tgt Ion	164	Resp	109170
Ion Ratio	Lower	Upper	
164	100		
162	99.4	78.8	118.2
160	45.5	35.4	53.0

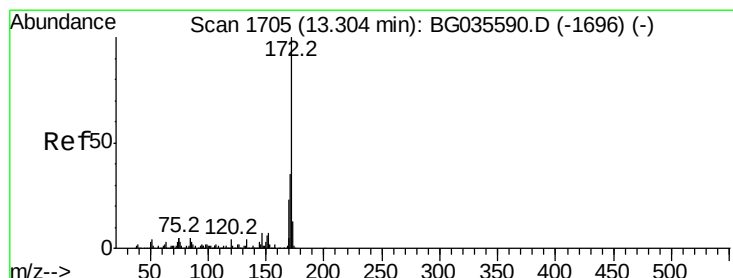
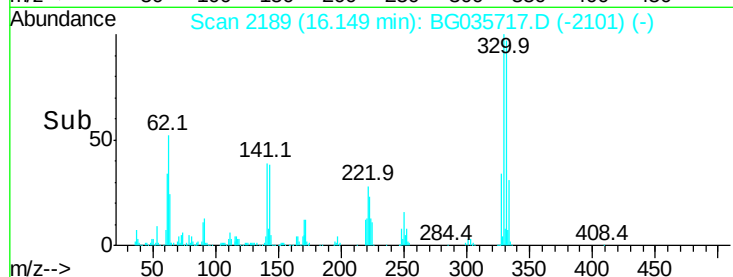
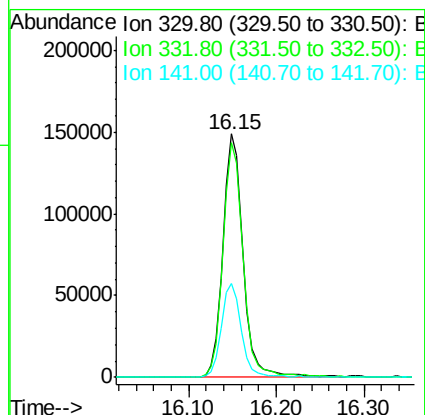
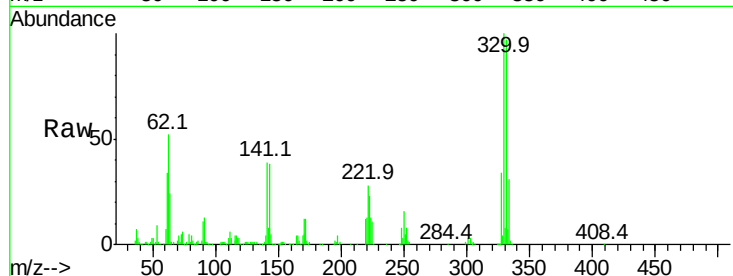




#41
 2,4,6-Tribromophenol
 Concen: 166.106 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG035717.D
 Acq: 18 Jul 2018 14:16

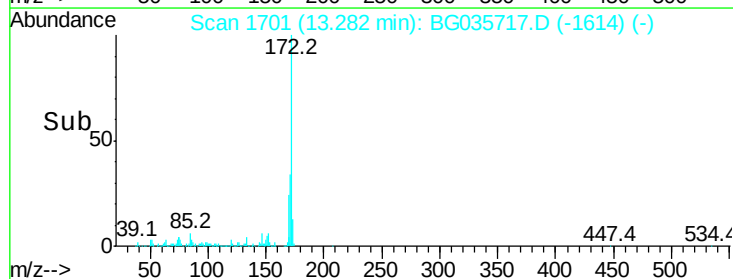
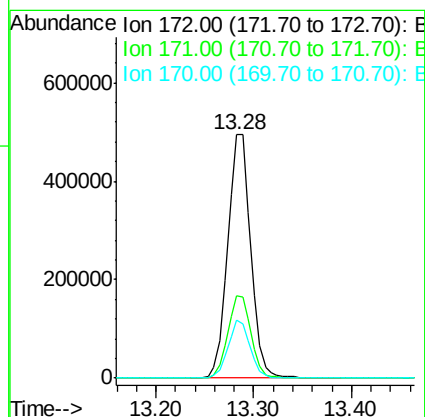
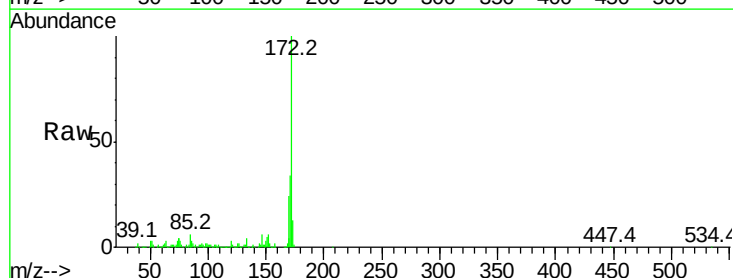
Instrument :
 BNA_G
 ClientSampleId :
 PB111100TB

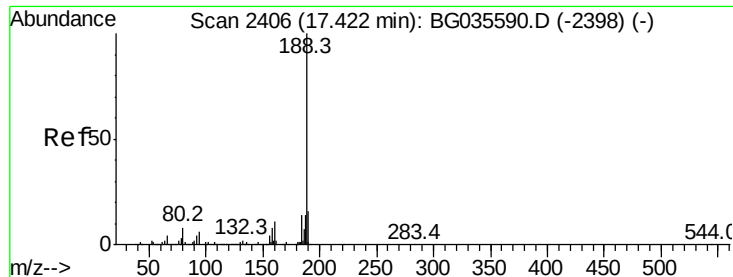
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	38.4	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 99.155 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG035717.D
 Acq: 18 Jul 2018 14:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	23.7	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.02 min

Lab File: BG035717.D

Acq: 18 Jul 2018 14:16

Instrument :

BNA_G

ClientSampleId :

PB111100TB

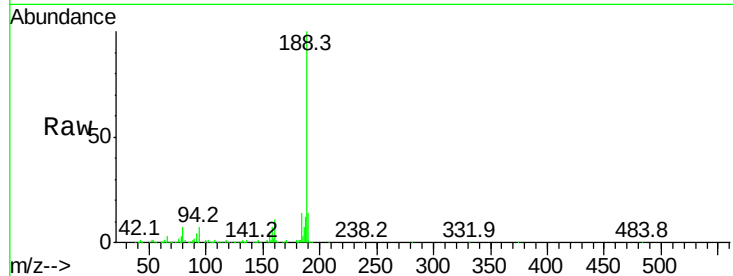
Tot Ion:188 Resp: 333020

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

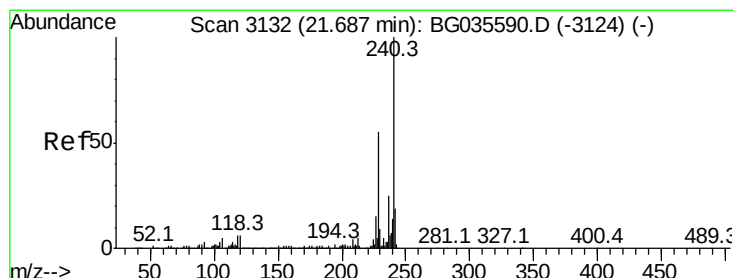
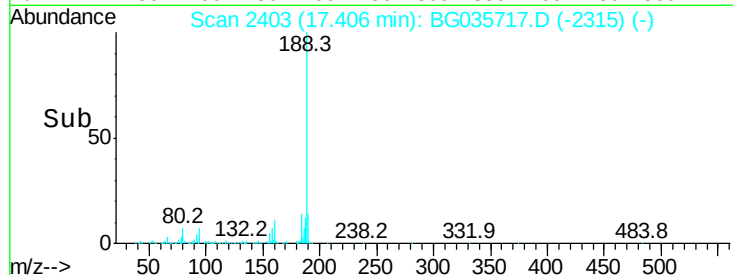
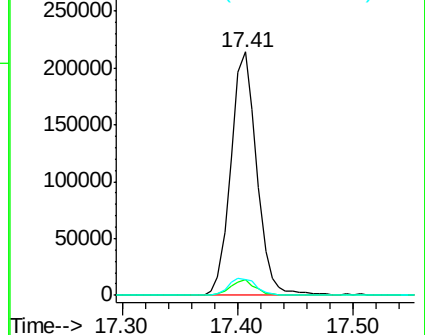
80 6.6 7.7 11.5#



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: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035717.D

Acq: 18 Jul 2018 14:16

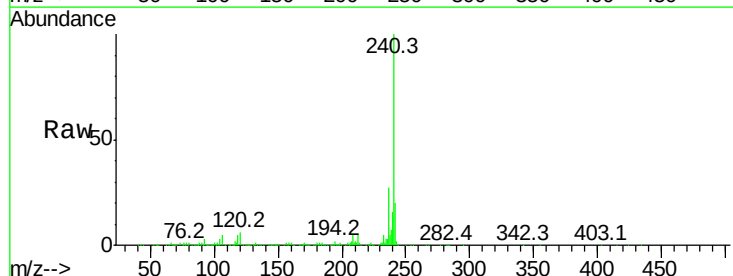
Tgt Ion:240 Resp: 400053

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

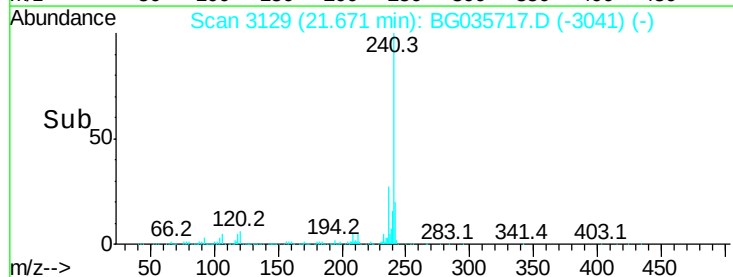
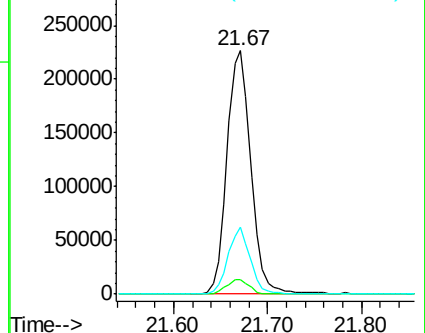
236 27.4 20.9 31.3

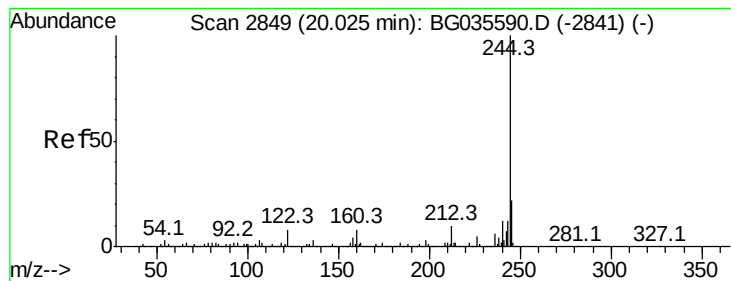


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.800 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035717.D

Acq: 18 Jul 2018 14:16

Instrument :

BNA_G

ClientSampleId :

PB111100TB

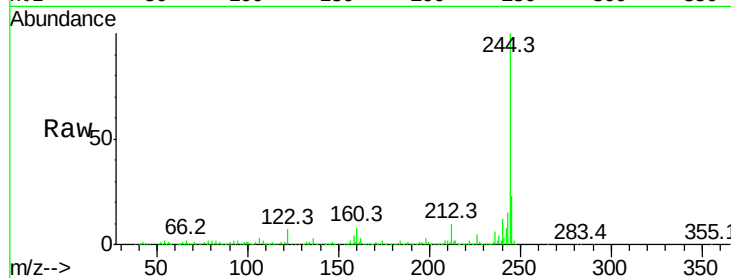
Tot Ion:244 Resp: 1702352

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

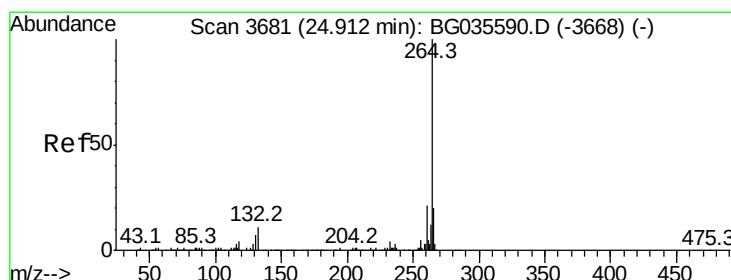
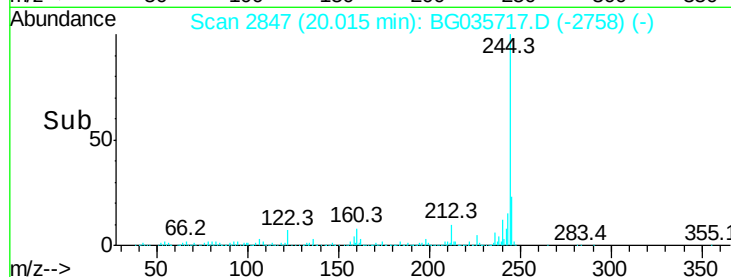
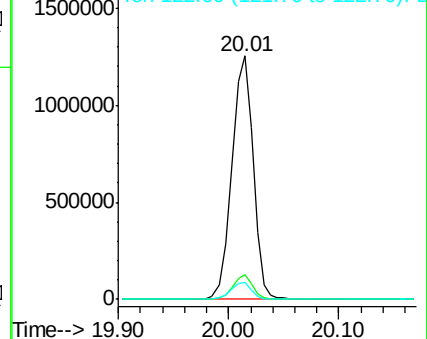
122 7.2 7.0 10.4



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: 24.88 min Scan# 3675

Delta R.T. -0.03 min

Lab File: BG035717.D

Acq: 18 Jul 2018 14:16

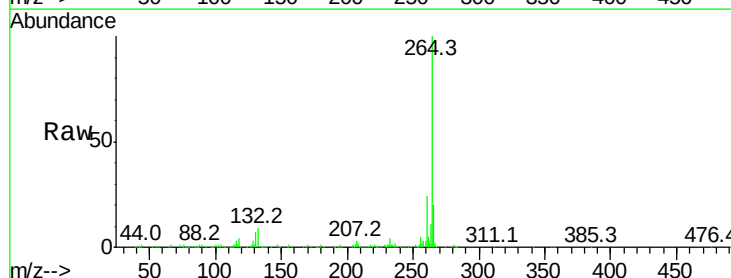
Tgt Ion:264 Resp: 385114

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.1 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

