

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035787.D
 Acq On : 20 Jul 2018 16:51
 Operator : JU/SJ
 Sample : PB111042BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111042BL

Quant Time: Jul 20 18:16:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	47743	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	164466	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	112395	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	313753	20.00	ng	0.00
75) Chrysene-d12	21.66	240	351697	20.00	ng	0.00
86) Perylene-d12	24.85	264	327074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	253303	88.08	ng	0.00
7) Phenol-d6	7.19	99	358012	83.44	ng	0.00
23) Nitrobenzene-d5	9.19	82	350194	88.95	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	138298	93.35	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	806519	96.14	ng	0.00
78) Terphenyl-d14	20.00	244	1515209	94.97	ng	0.00

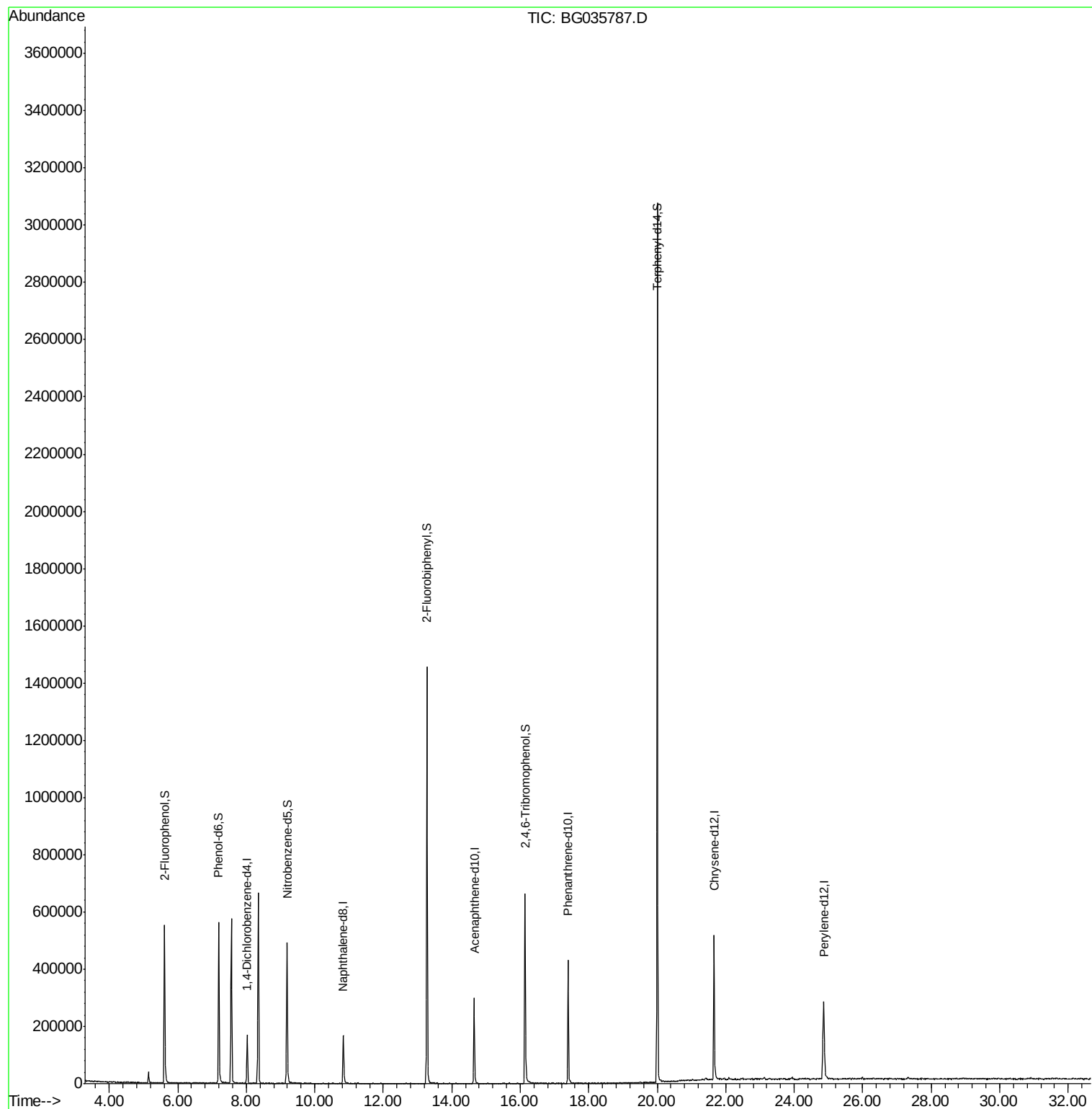
Target Compounds Qvalue

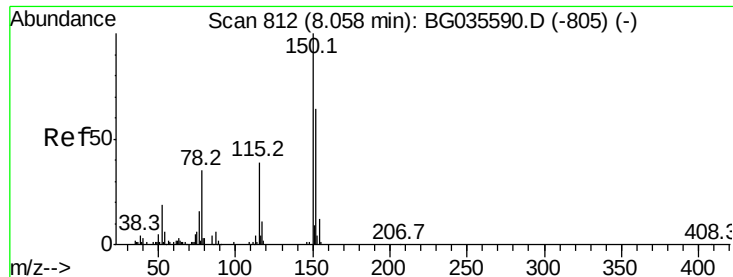
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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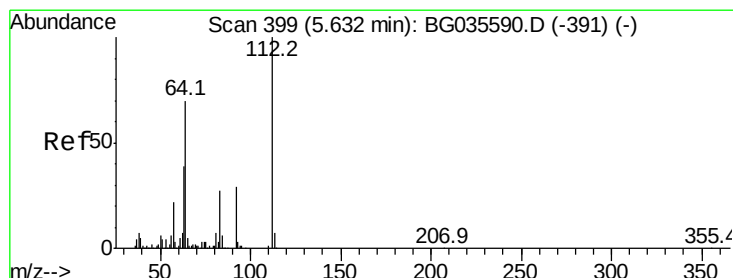
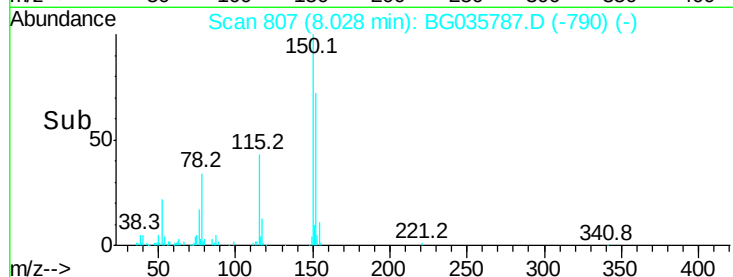
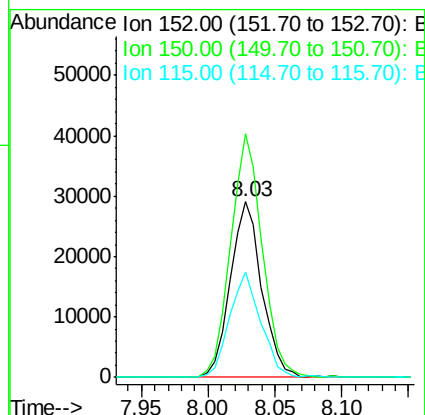
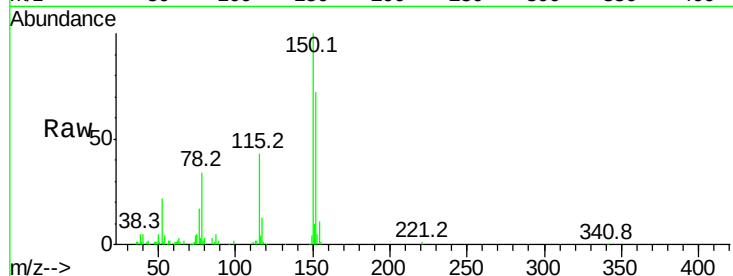


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035787.D
Acq: 20 Jul 2018 16:51

Instrument :
BNA_G
ClientSampleId :
PB111042BL

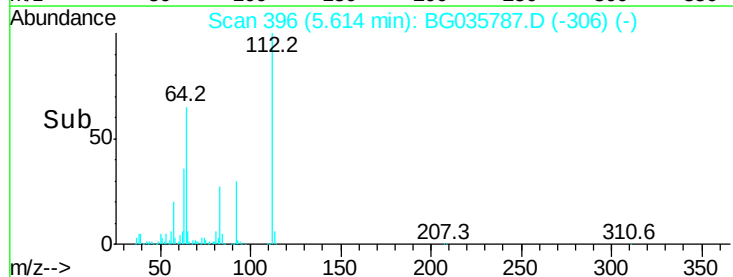
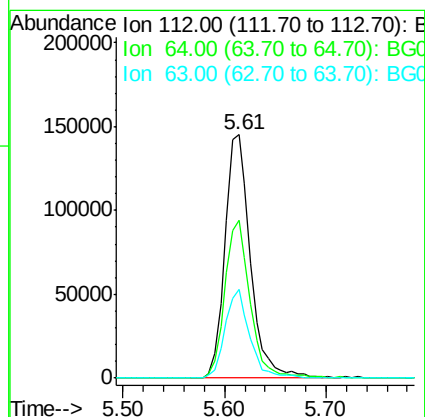
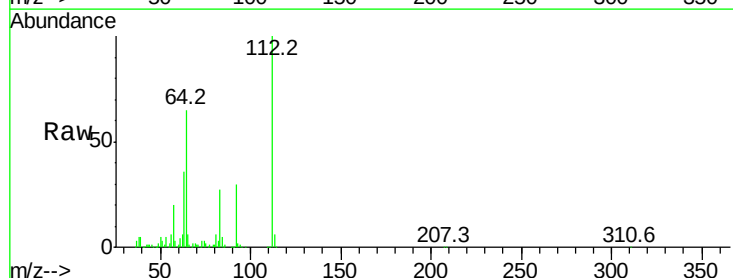
Tot Ion:152 Resp: 47743
Ion Ratio Lower Upper
152 100
150 138.7 126.6 189.8
115 59.7 53.0 79.4

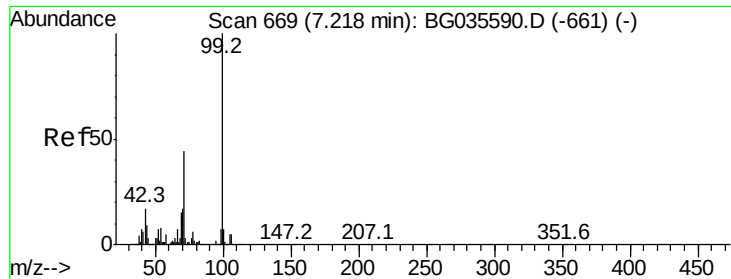


#5

2-Fluorophenol
Concen: 88.085 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035787.D
Acq: 20 Jul 2018 16:51

Tgt Ion:112 Resp: 253303
Ion Ratio Lower Upper
112 100
64 64.6 56.3 84.5
63 36.2 30.1 45.1





#7

Phenol-d6

Concen: 83.443 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035787.D

Acq: 20 Jul 2018 16:51

Instrument :

BNA_G

ClientSampleId :

PB111042BL

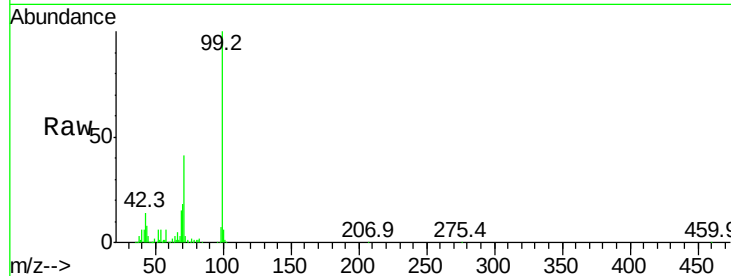
Tot Ion: 99 Resp: 358012

Ion Ratio Lower Upper

99 100

42 14.3 14.1 21.1

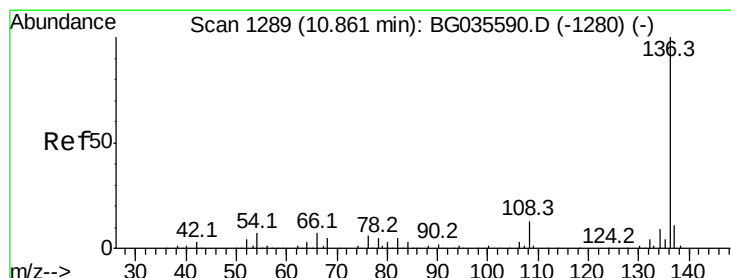
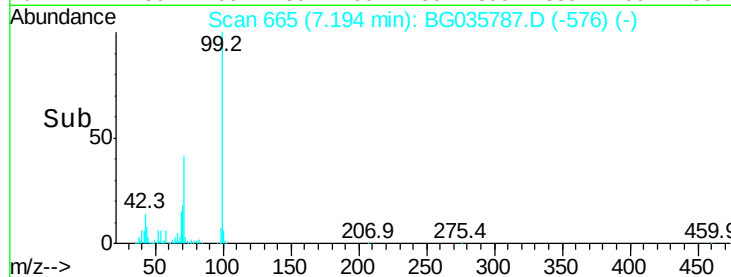
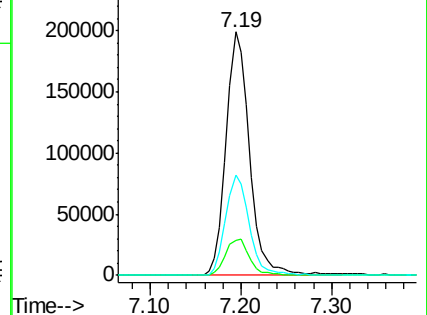
71 41.2 26.1 39.1#



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: 10.84 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BG035787.D

Acq: 20 Jul 2018 16:51

Tgt Ion: 136 Resp: 164466

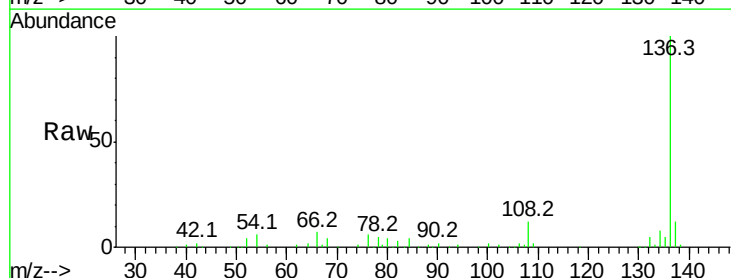
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 6.5 10.3 15.5#

68 4.1 4.5 6.7#

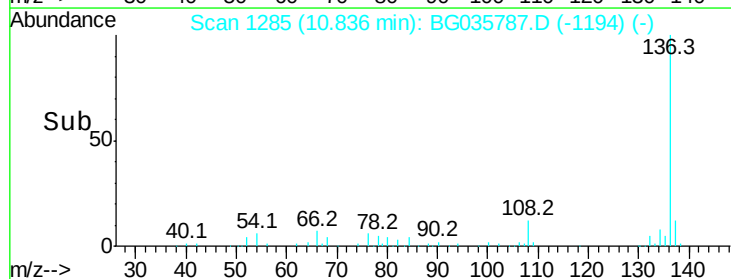
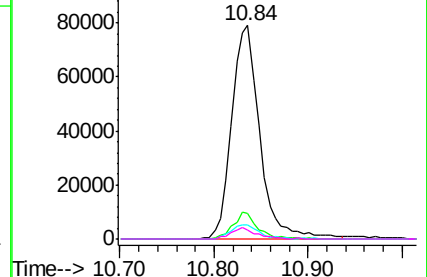


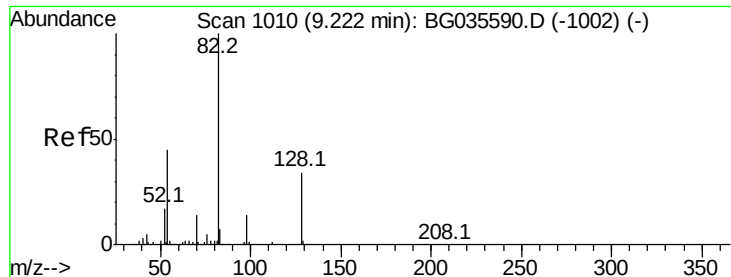
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

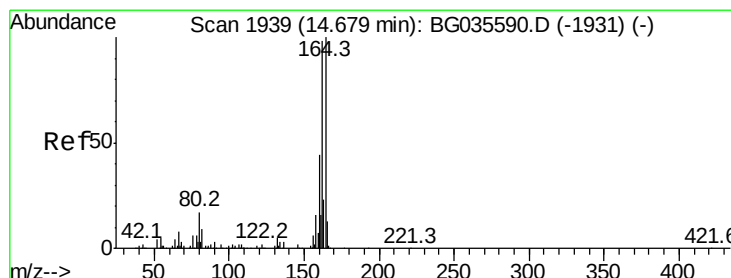
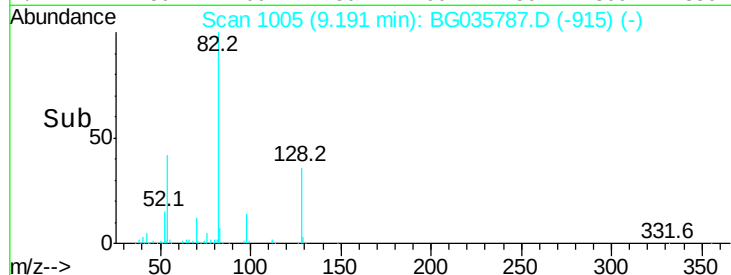
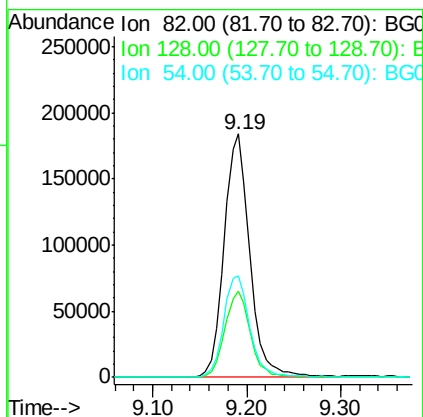
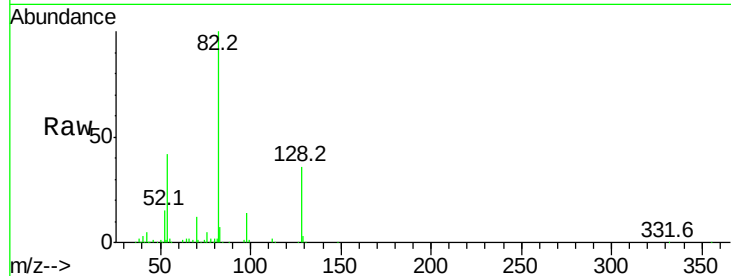




#23
Nitrobenzene-d5
Concen: 88.950 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035787.D
Acq: 20 Jul 2018 16:51

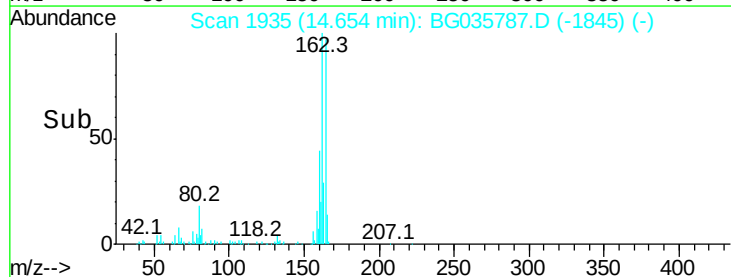
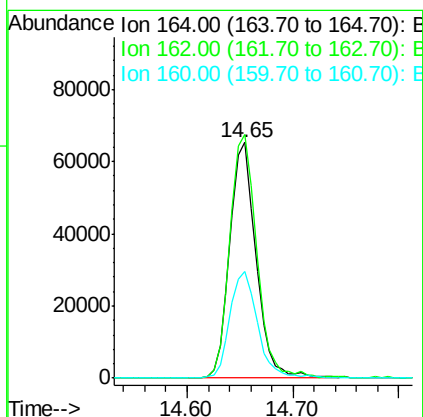
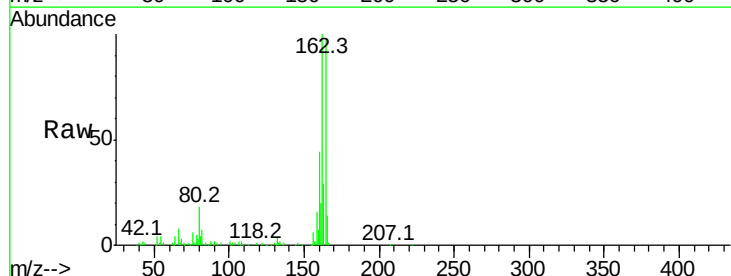
Instrument :
BNA_G
ClientSampleId :
PB111042BL

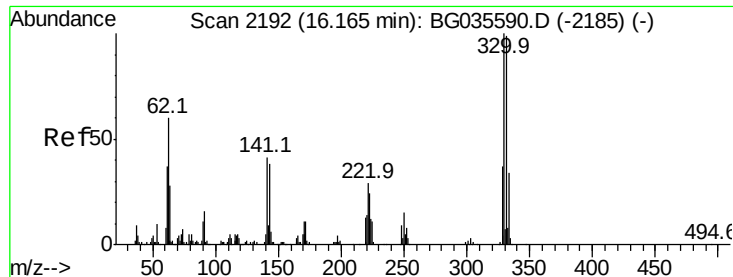
Tot Ion	82	Resp	350194
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.7	44.5
54	41.9	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BG035787.D
Acq: 20 Jul 2018 16:51

Tgt Ion	164	Resp	112395
Ion Ratio	Lower	Upper	
164	100		
162	103.3	78.8	118.2
160	45.2	35.4	53.0

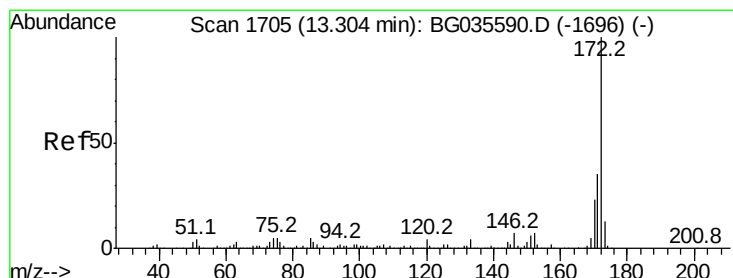
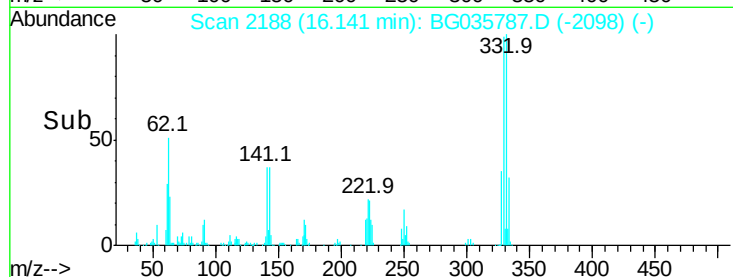
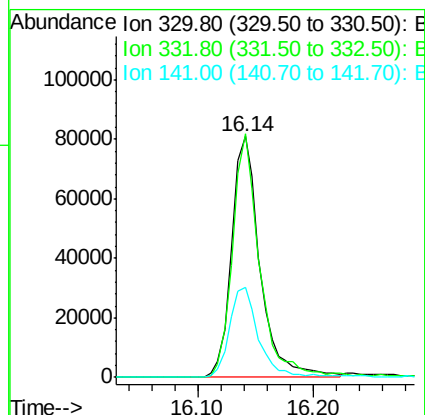
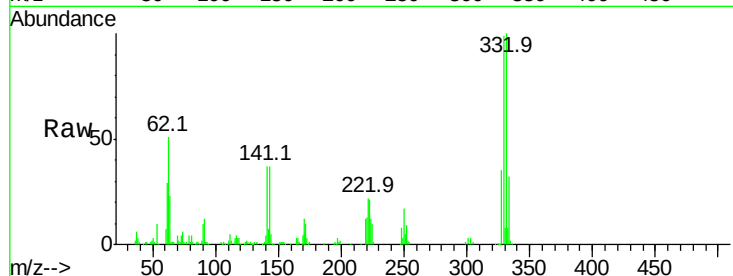




#41
 2,4,6-Tribromophenol
 Concen: 93.354 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035787.D
 Acq: 20 Jul 2018 16:51

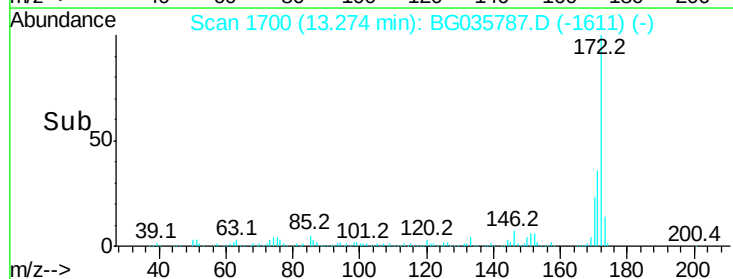
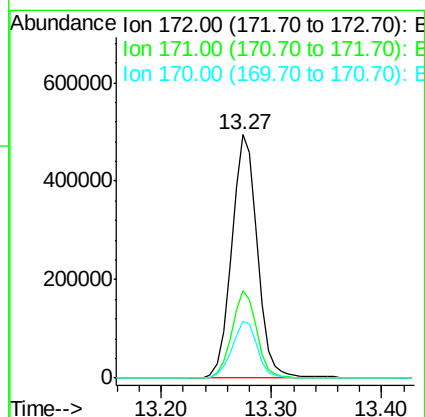
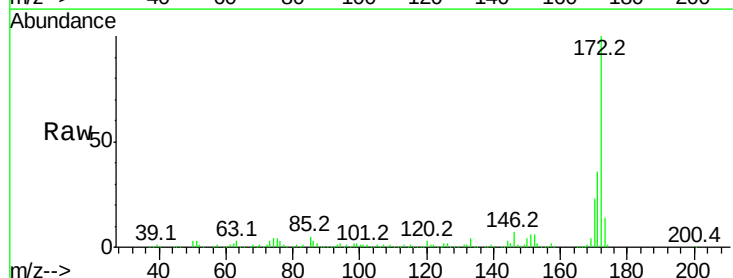
Instrument :
 BNA_G
 ClientSampleId :
 PB111042BL

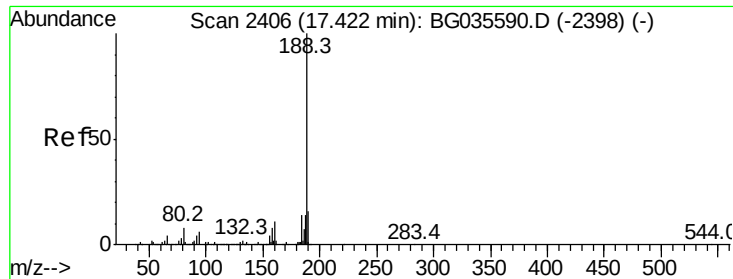
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	38.4	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 96.137 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035787.D
 Acq: 20 Jul 2018 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	23.4	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG035787.D

Acq: 20 Jul 2018 16:51

Instrument :

BNA_G

ClientSampleId :

PB111042BL

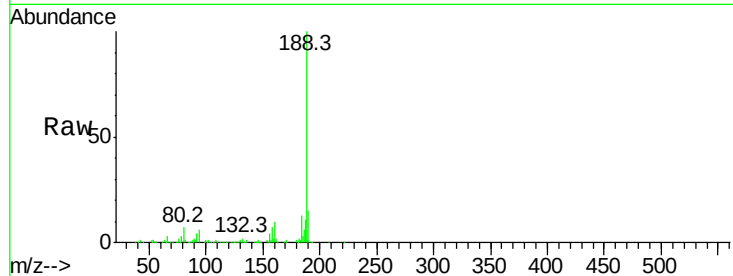
Tot Ion:188 Resp: 313753

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

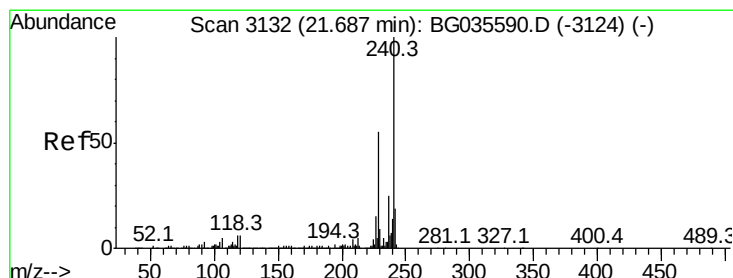
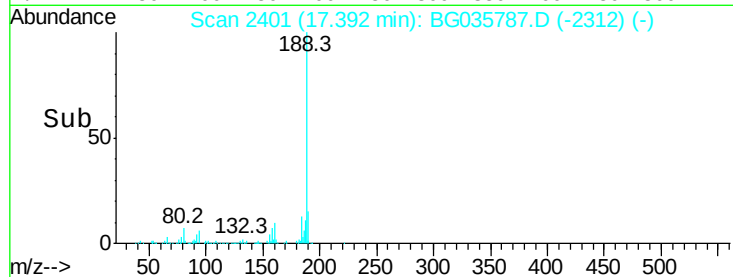
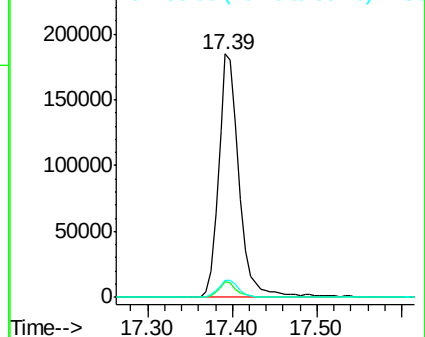
80 6.8 7.7 11.5#



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: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG035787.D

Acq: 20 Jul 2018 16:51

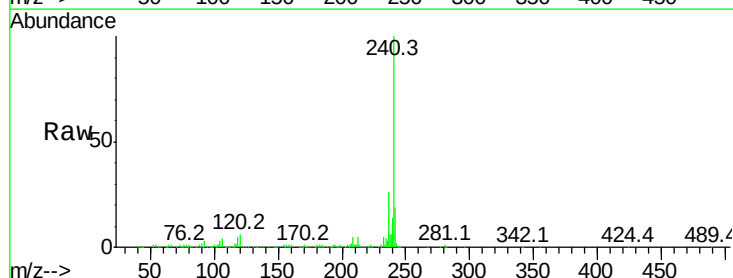
Tgt Ion:240 Resp: 351697

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

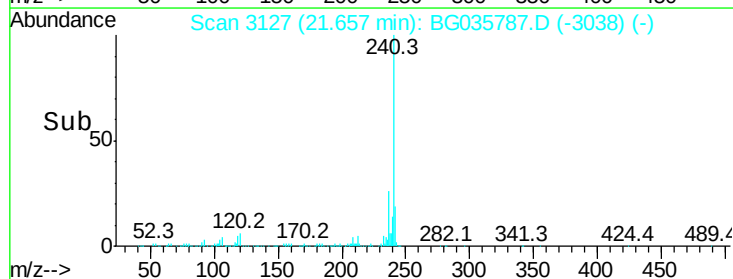
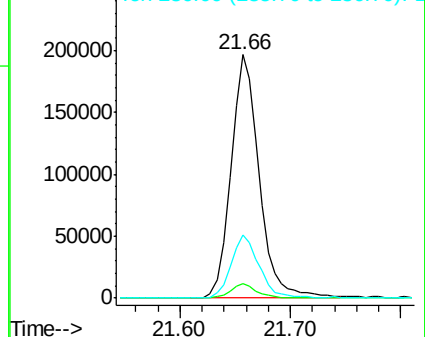
236 26.0 20.9 31.3

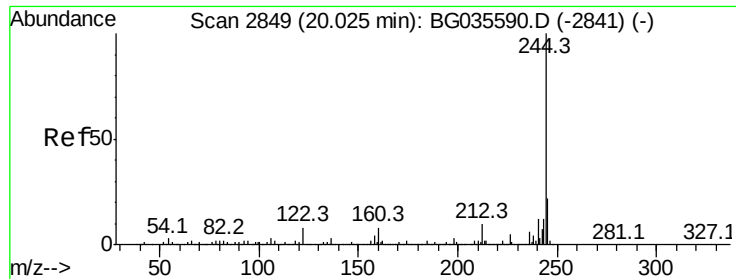


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.967 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035787.D

Acq: 20 Jul 2018 16:51

Instrument :

BNA_G

ClientSampleId :

PB111042BL

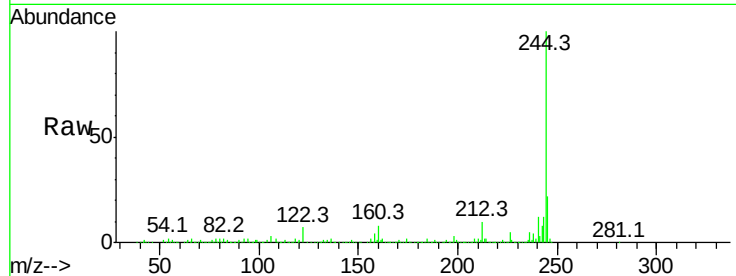
Tot Ion:244 Resp: 1515209

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

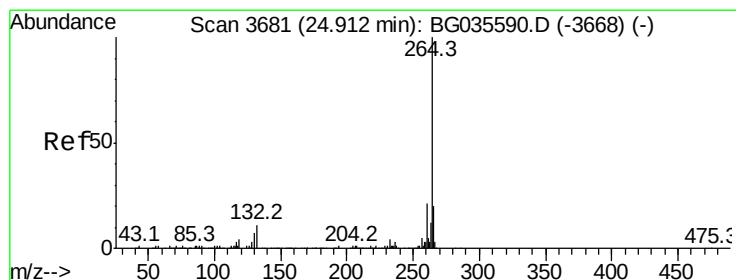
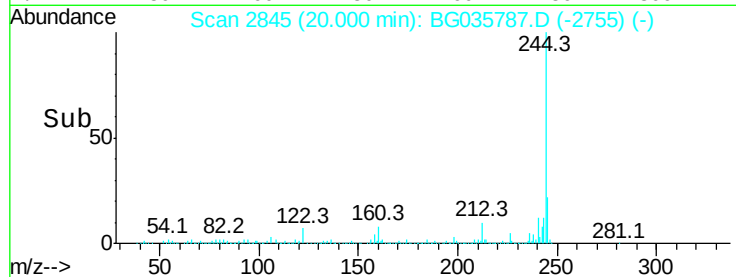
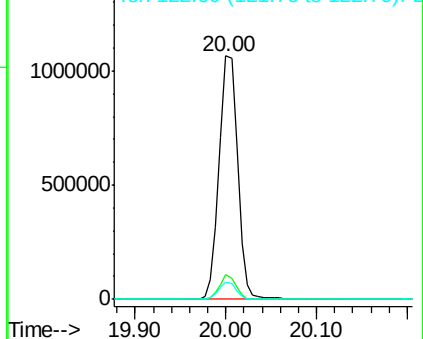
122 7.2 7.0 10.4



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: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035787.D

Acq: 20 Jul 2018 16:51

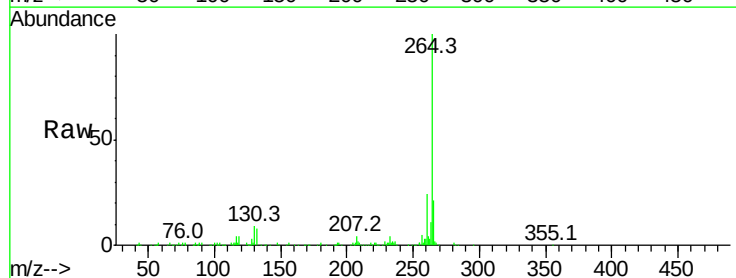
Tgt Ion:264 Resp: 327074

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.0 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

