

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
 Data File : BG035818.D
 Acq On : 21 Jul 2018 13:37
 Operator : JU/SJ
 Sample : PB111321TB
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111321TB

Quant Time: Jul 23 02:06:08 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	8.02	152	35416	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	121016	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	84399	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	256362	20.00	ng	0.00
75) Chrysene-d12	21.66	240	341956	20.00	ng	0.00
86) Perylene-d12	24.85	264	318976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	306366	143.62	ng	0.00
7) Phenol-d6	7.20	99	421352	132.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	270344	93.32	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	175852	158.08	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	638046	101.28	ng	0.00
78) Terphenyl-d14	20.00	244	1519033	97.92	ng	0.00

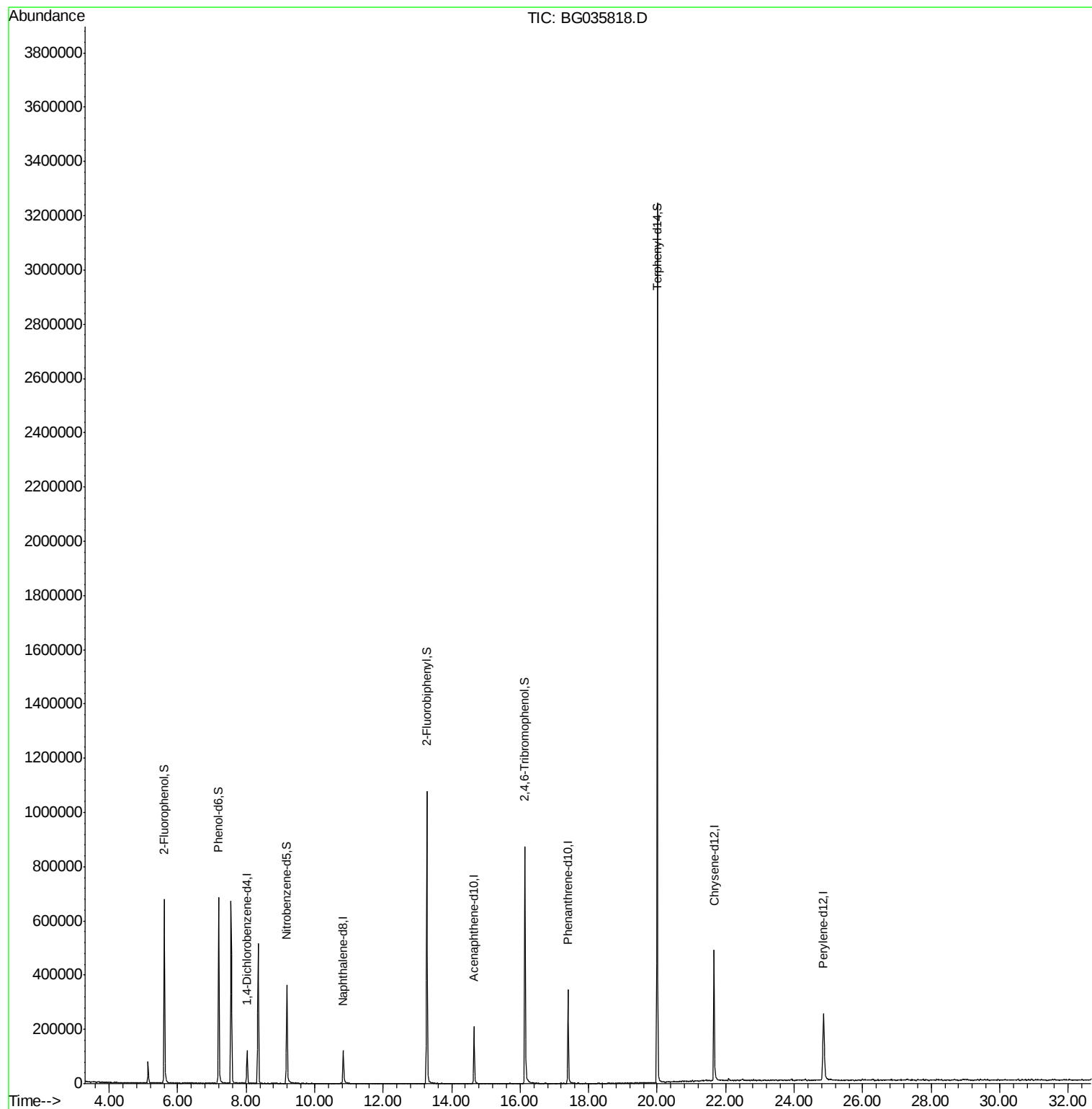
Target Compounds Qvalue

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

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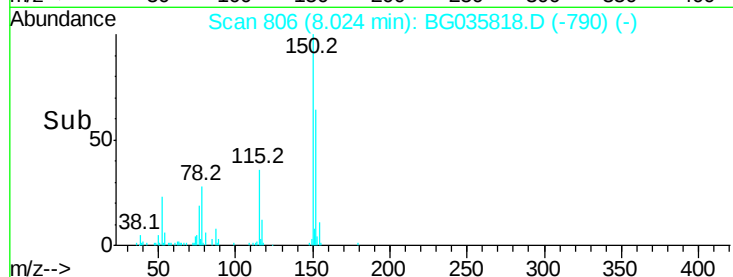
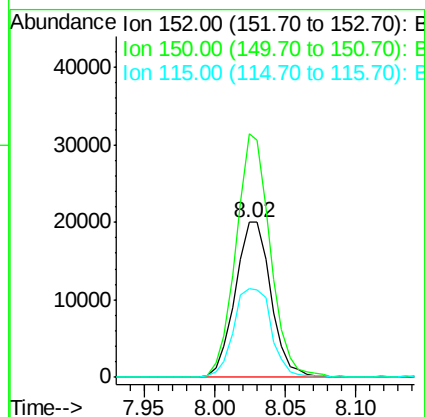
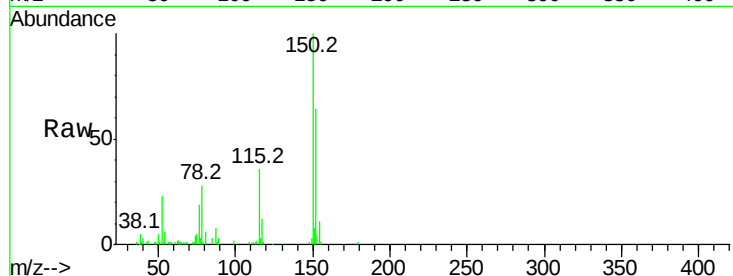


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG035818.D
 Acq: 21 Jul 2018 13:37

Instrument :
 BNA_G
 ClientSampleId :
 PB111321TB

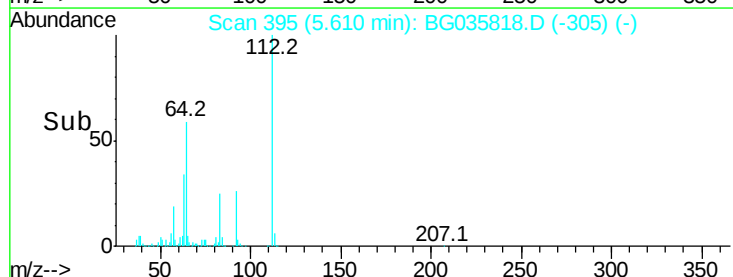
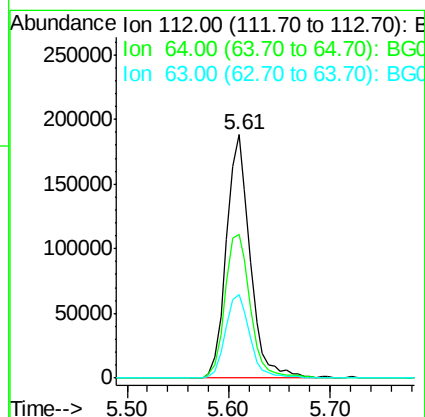
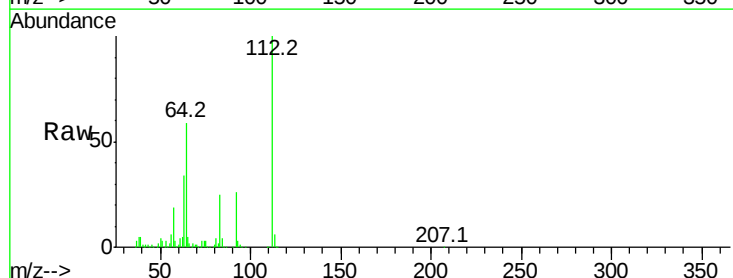
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.6	189.8
115	56.8	53.0	79.4



#5

2-Fluorophenol
 Concen: 143.619 ng
 RT: 5.61 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: BG035818.D
 Acq: 21 Jul 2018 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	56.3	84.5
63	34.4	30.1	45.1





#7

Phenol-d6

Concen: 132.388 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

Instrument :

BNA_G

ClientSampleId :

PB111321TB

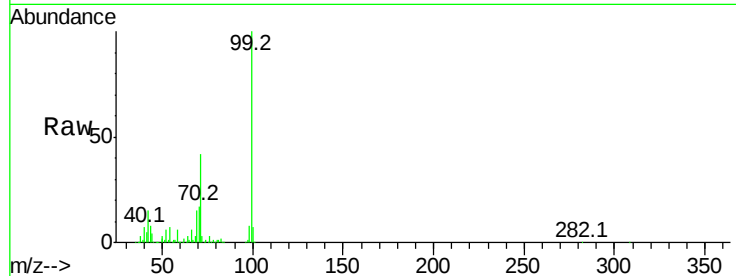
Tot Ion: 99 Resp: 421352

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

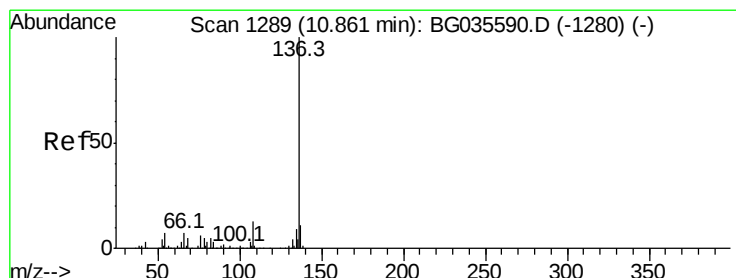
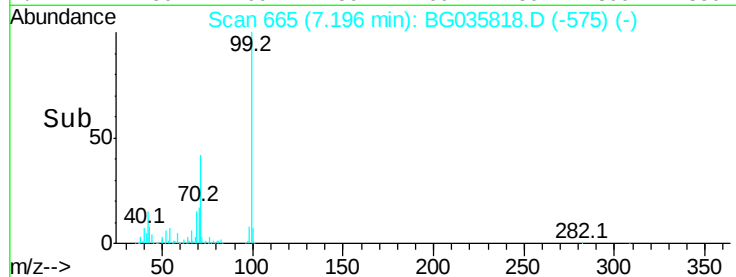
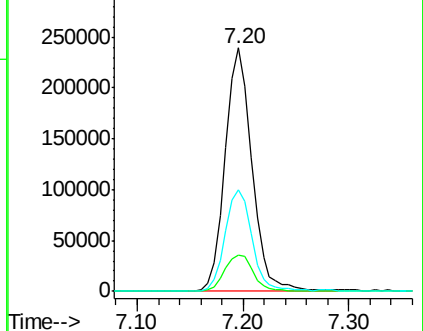
71 41.5 26.1 39.1#



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: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

Tgt Ion: 136 Resp: 121016

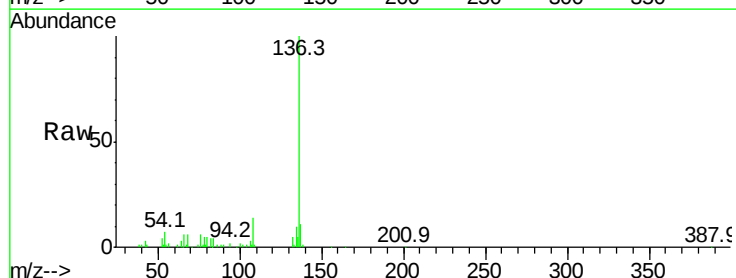
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.0 10.3 15.5#

68 6.1 4.5 6.7

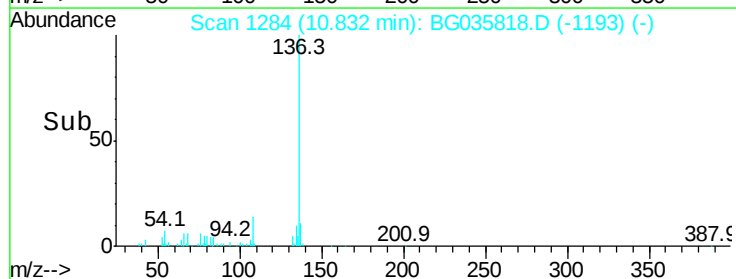
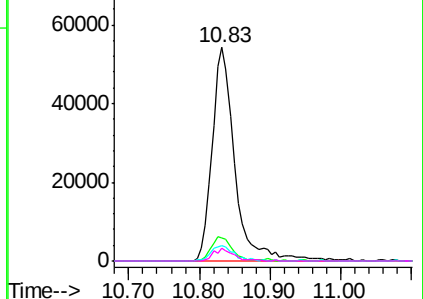


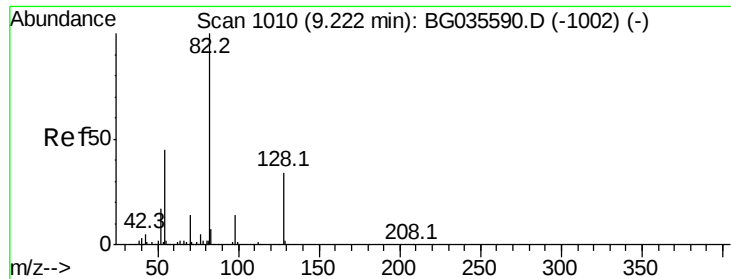
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

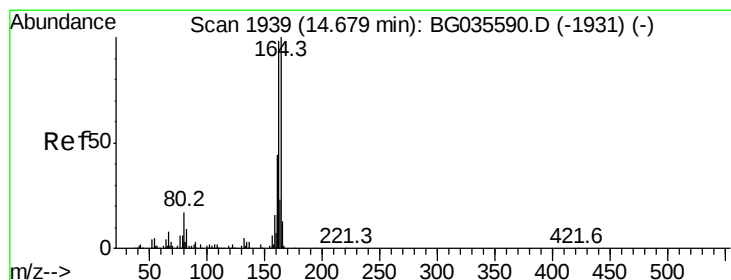
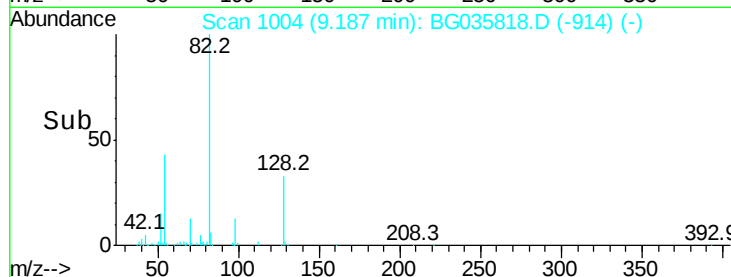
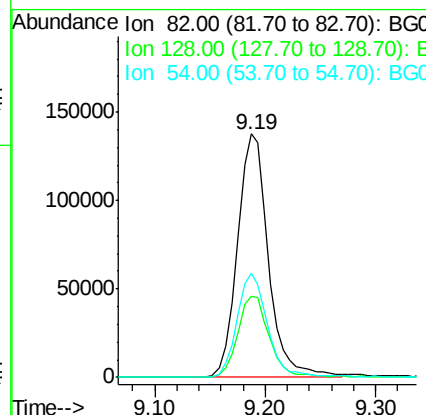
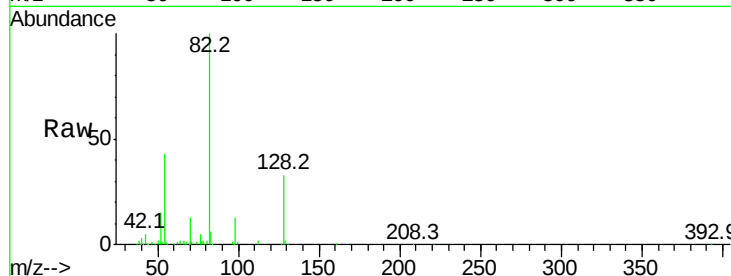




#23
 Nitrobenzene-d5
 Concen: 93.323 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035818.D
 Acq: 21 Jul 2018 13:37

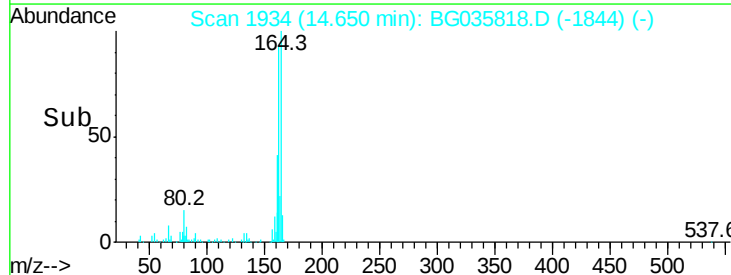
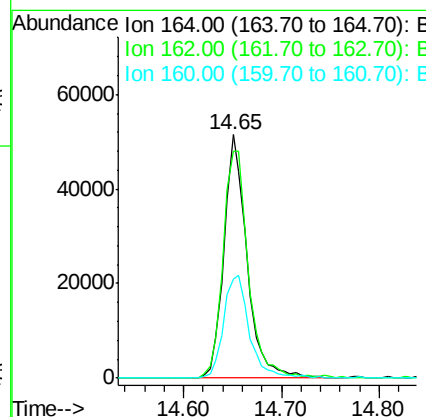
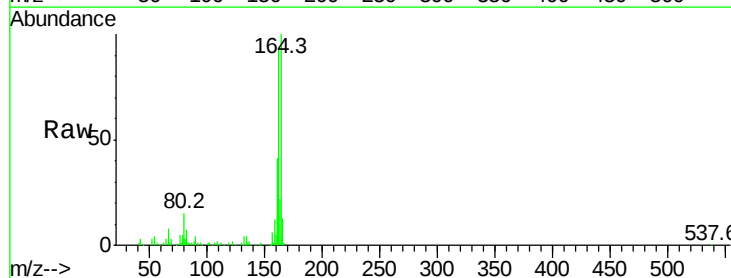
Instrument :
 BNA_G
 ClientSampleId :
 PB111321TB

Tot Ion	82	Resp	270344
Ion	Ratio	Lower	Upper
82	100		
128	33.3	29.7	44.5
54	42.9	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035818.D
 Acq: 21 Jul 2018 13:37

Tgt Ion	164	Resp	84399
Ion	Ratio	Lower	Upper
164	100		
162	93.4	78.8	118.2
160	40.7	35.4	53.0

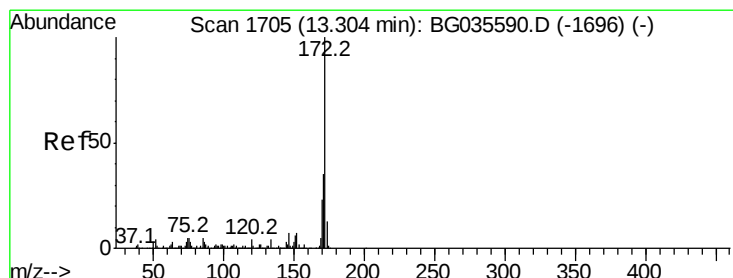
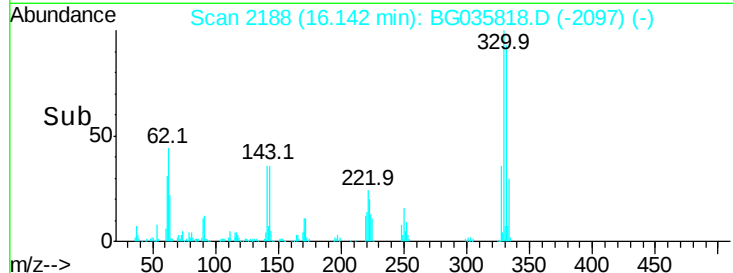
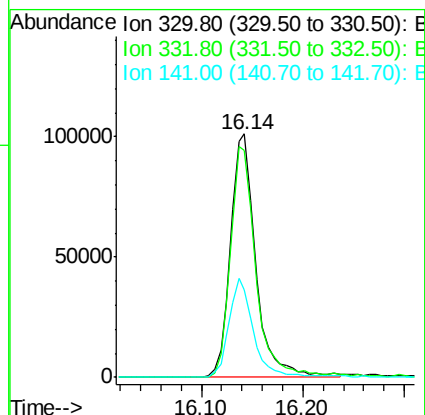
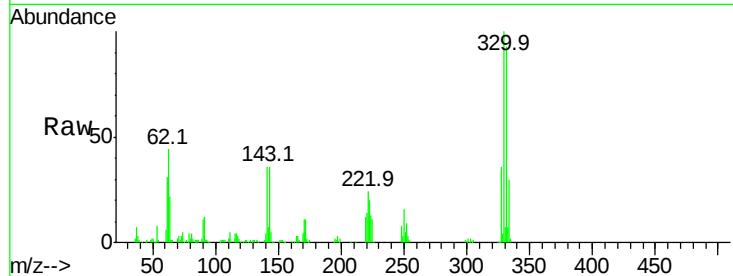




#41
 2,4,6-Tribromophenol
 Concen: 158.079 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035818.D
 Acq: 21 Jul 2018 13:37

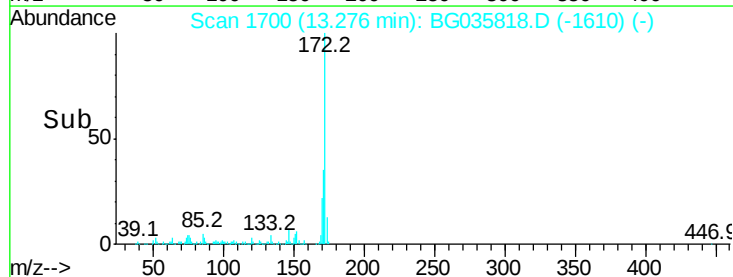
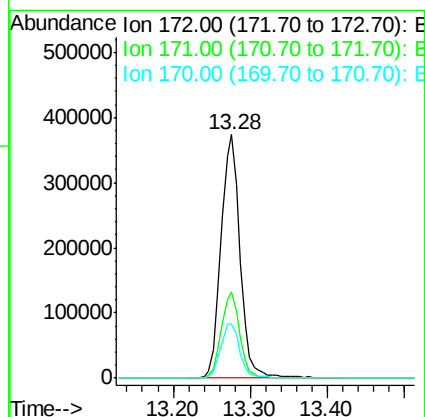
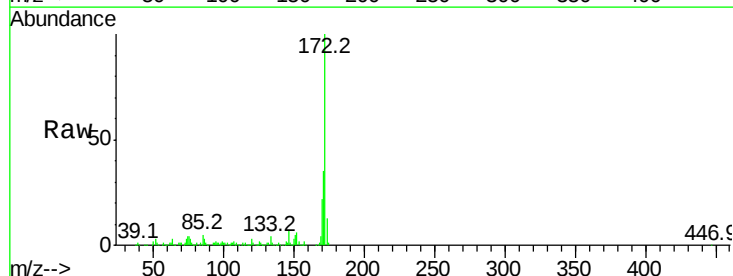
Instrument :
 BNA_G
 ClientSampleId :
 PB111321TB

Tot Ion:330 Resp: 175852
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 38.5 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 101.283 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035818.D
 Acq: 21 Jul 2018 13:37

Tgt Ion:172 Resp: 638046
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 22.4 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

Instrument :

BNA_G

ClientSampleId :

PB111321TB

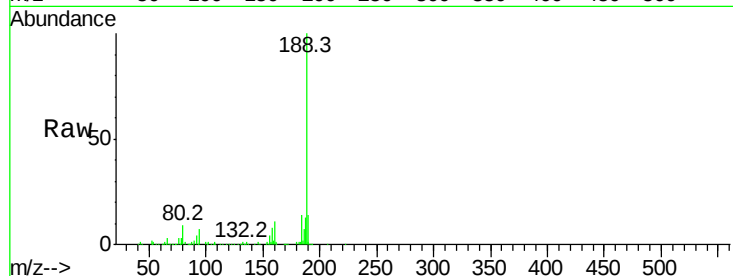
Tot Ion:188 Resp: 256362

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

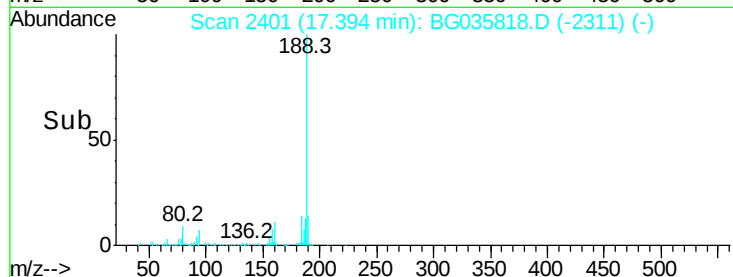
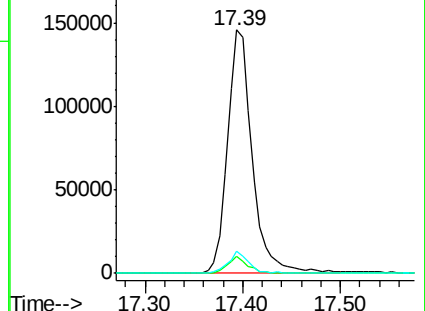
80 8.9 7.7 11.5



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

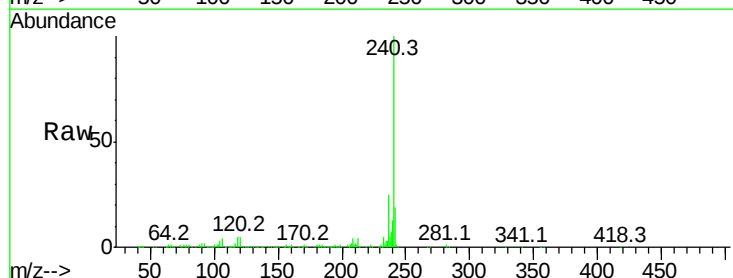
Tgt Ion:240 Resp: 341956

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

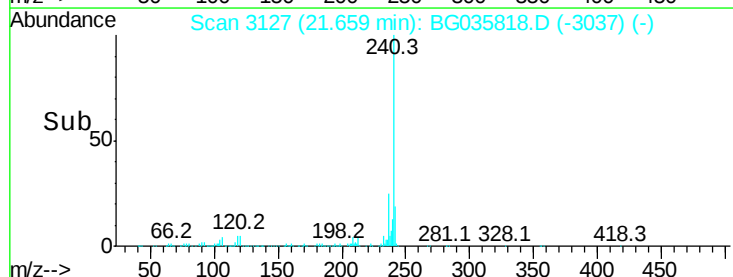
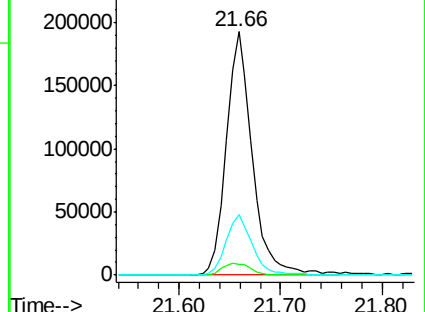
236 24.7 20.9 31.3

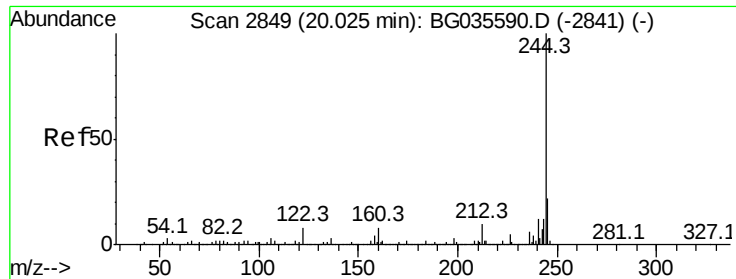


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.919 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

Instrument :

BNA_G

ClientSampleID :

PB111321TB

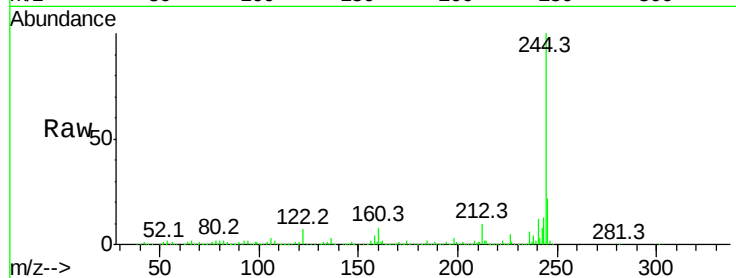
Tot Ion:244 Resp: 1519033

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

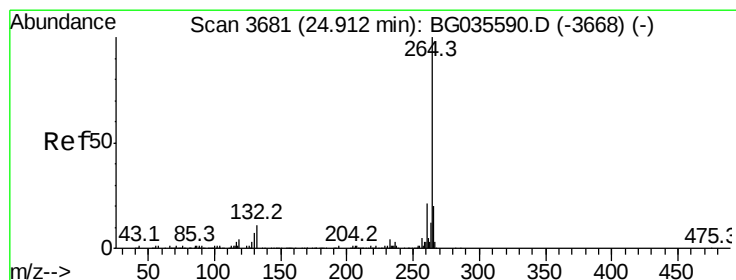
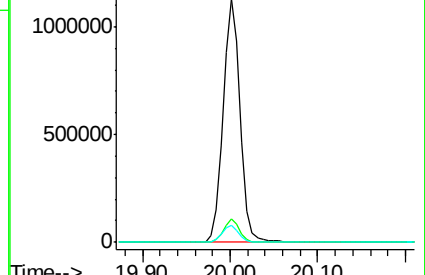
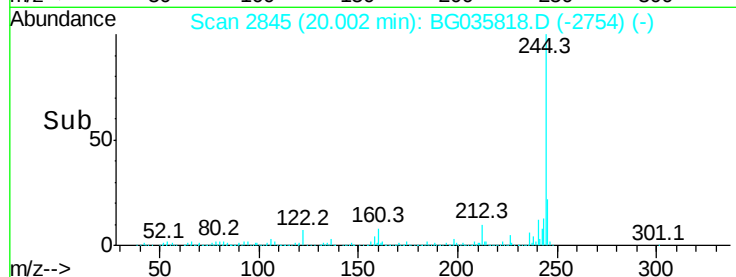
122 6.9 7.0 10.4#



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. -0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

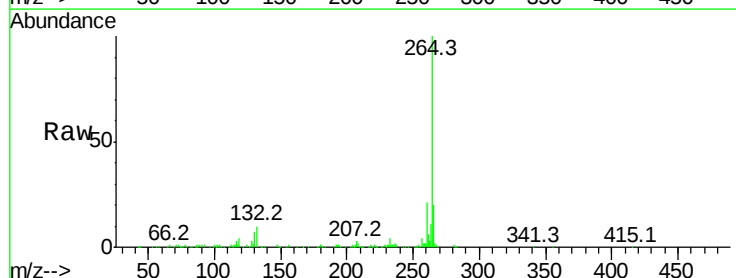
Tgt Ion:264 Resp: 318976

Ion Ratio Lower Upper

264 100

260 20.7 17.4 26.0

265 19.7 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

