

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035841.D
 Acq On : 24 Jul 2018 10:34
 Operator : JU/SJ
 Sample : PB111227BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111227BL

Quant Time: Jul 25 16:17:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	46593	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	172732	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	122860	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	347955	20.00	ng	0.00
75) Chrysene-d12	21.66	240	412629	20.00	ng	0.00
86) Perylene-d12	24.85	264	384248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	386884	137.86	ng	0.00
7) Phenol-d6	7.20	99	554873	132.52	ng	0.00
23) Nitrobenzene-d5	9.19	82	348076	84.18	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	251719	155.44	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	826302	90.11	ng	0.00
78) Terphenyl-d14	20.00	244	1633946	87.29	ng	0.00

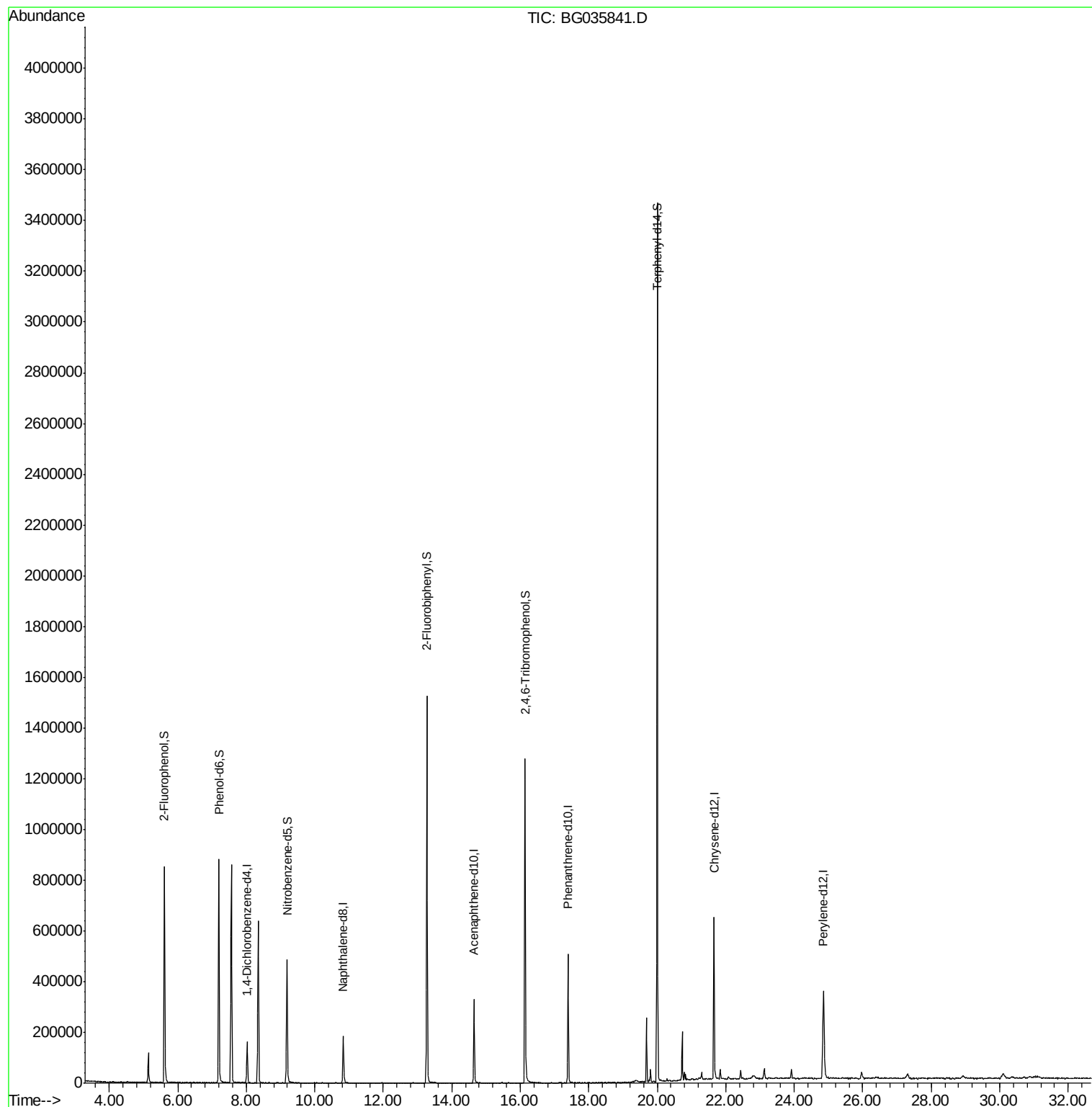
Target Compounds Qvalue

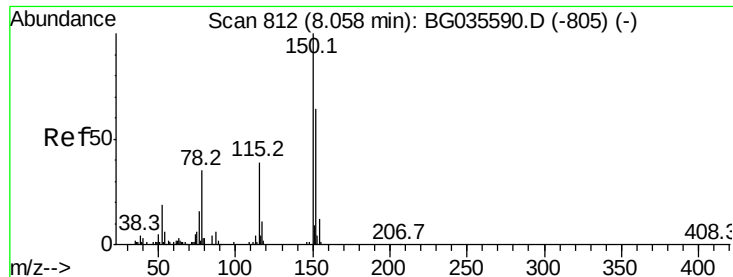
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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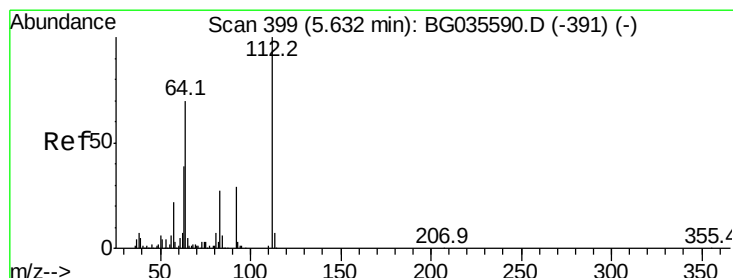
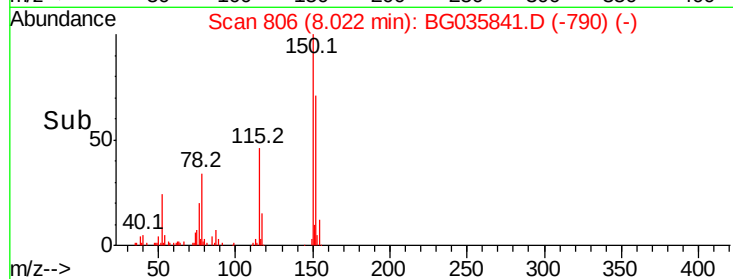
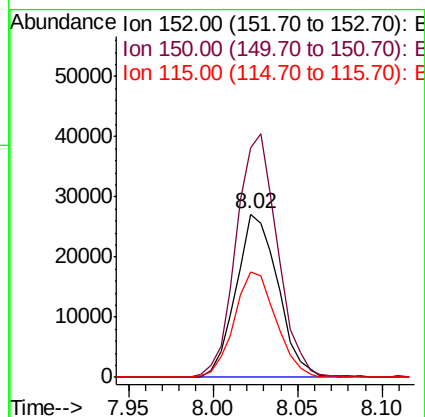
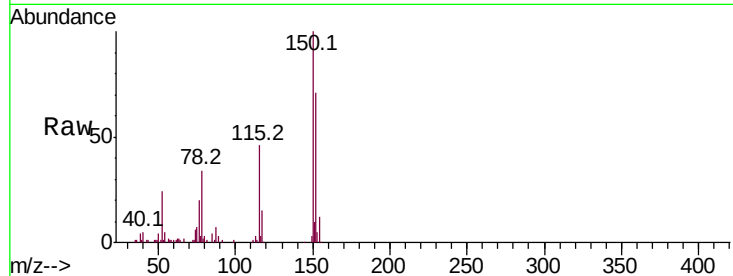


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Instrument :
BNA_G
ClientSampleId :
PB111227BL

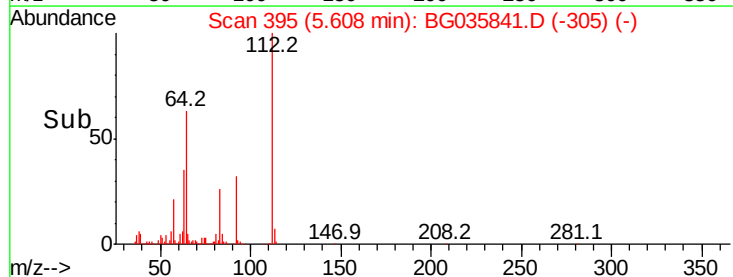
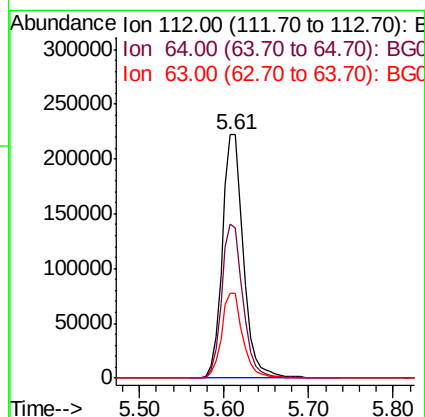
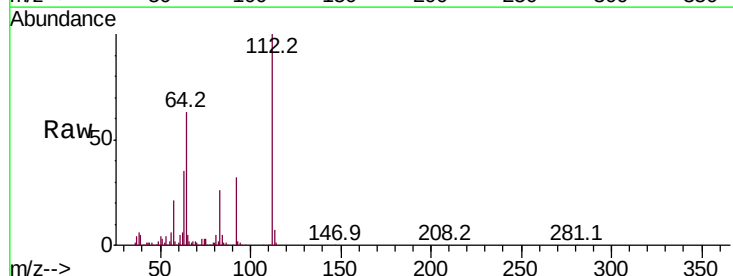
Tot Ion	Ratio	Lower	Upper
152	100		
150	140.2	126.6	189.8
115	64.7	53.0	79.4

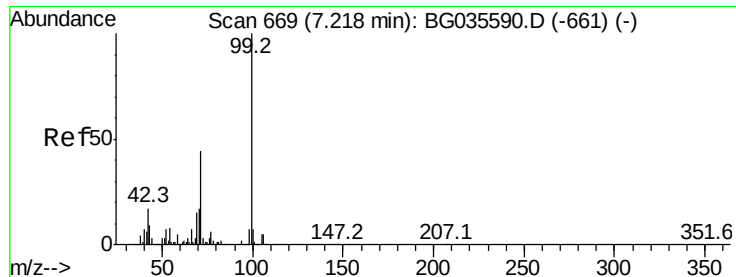


#5

2-Fluorophenol
Concen: 137.857 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.3	84.5
63	34.9	30.1	45.1





#7

Phenol-d6

Concen: 132.519 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.01 min

Lab File: BG035841.D

Acq: 24 Jul 2018 10:34

Instrument :

BNA_G

ClientSampleId :

PB111227BL

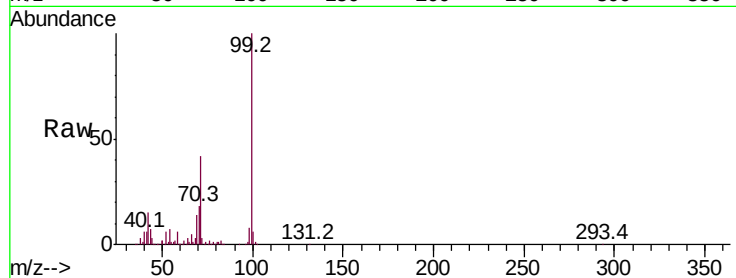
Tot Ion: 99 Resp: 554873

Ion Ratio Lower Upper

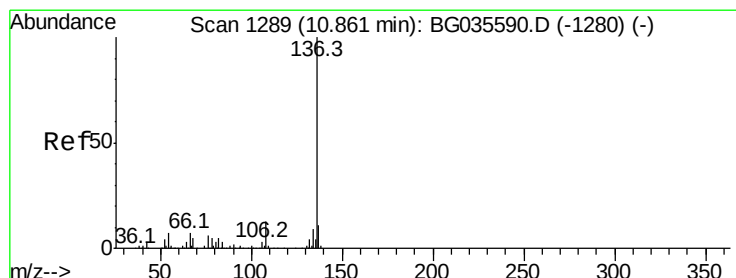
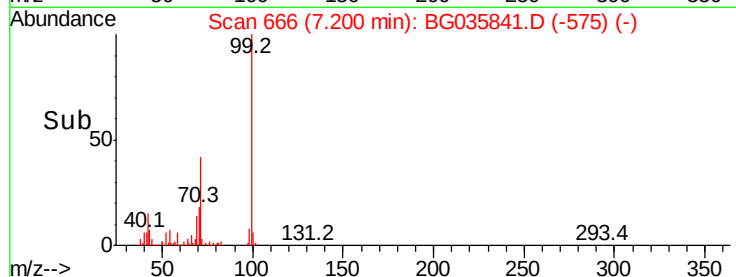
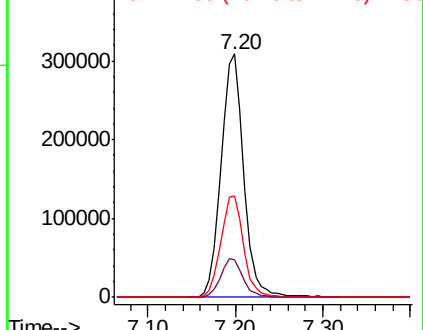
99 100

42 15.2 14.1 21.1

71 41.9 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: BG035841.D

Acq: 24 Jul 2018 10:34

Tgt Ion: 136 Resp: 172732

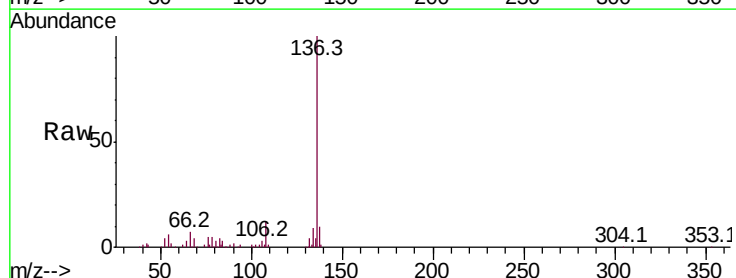
Ion Ratio Lower Upper

136 100

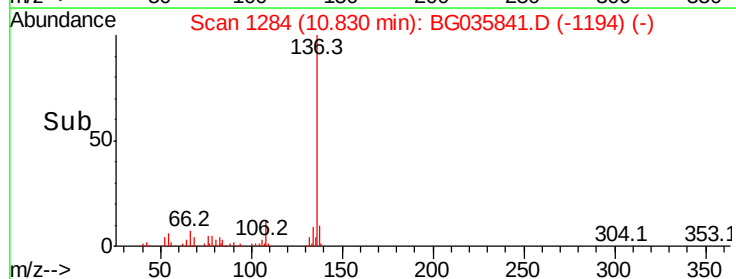
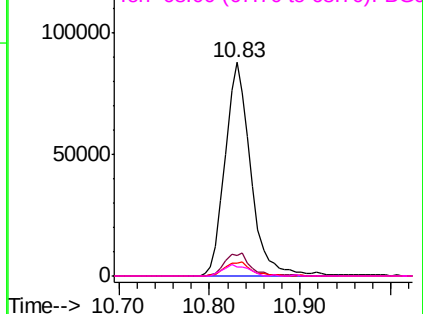
137 9.7 9.2 13.8

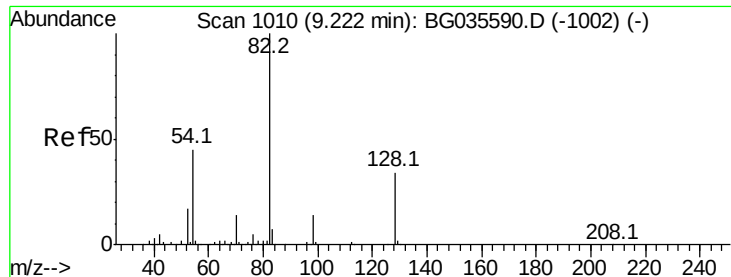
54 5.9 10.3 15.5#

68 4.5 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

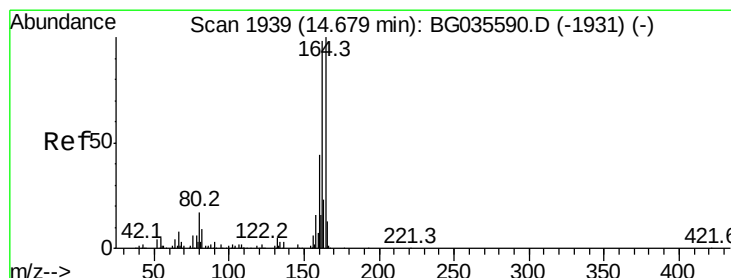
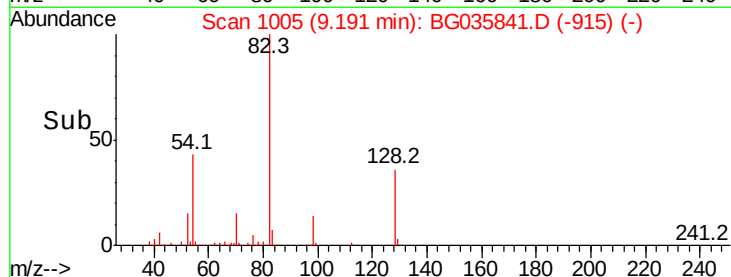
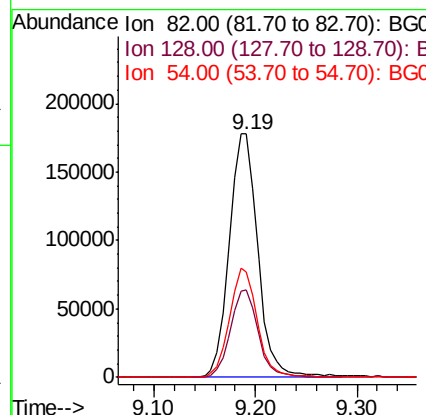
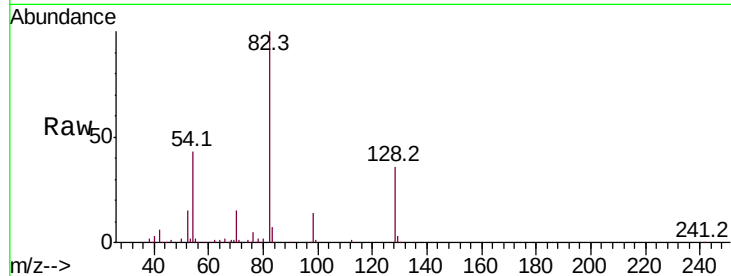




#23
Nitrobenzene-d5
Concen: 84.181 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

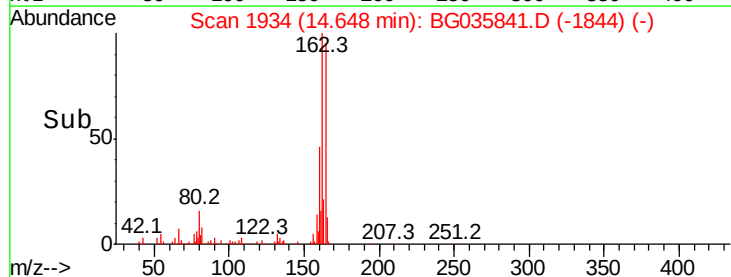
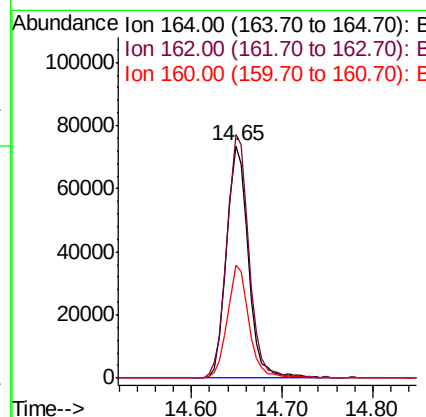
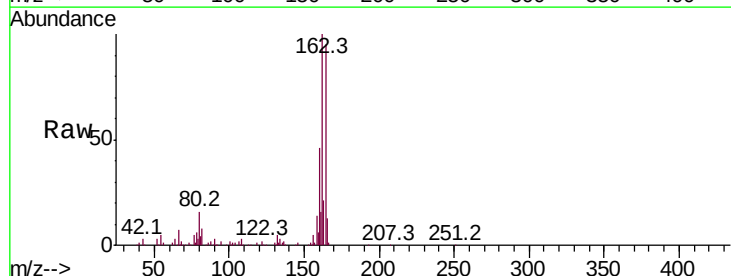
Instrument :
BNA_G
ClientSampleId :
PB111227BL

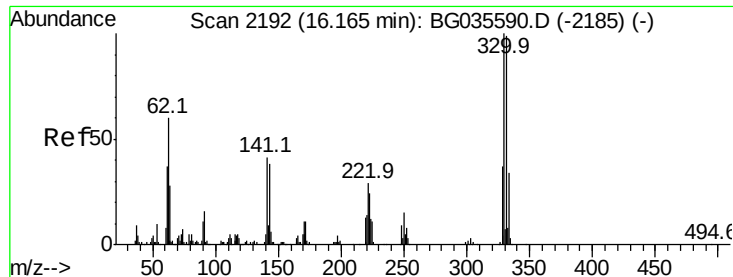
Tot Ion	82	Resp	348076
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	43.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Tgt Ion	164	Resp	122860
Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	48.7	35.4	53.0

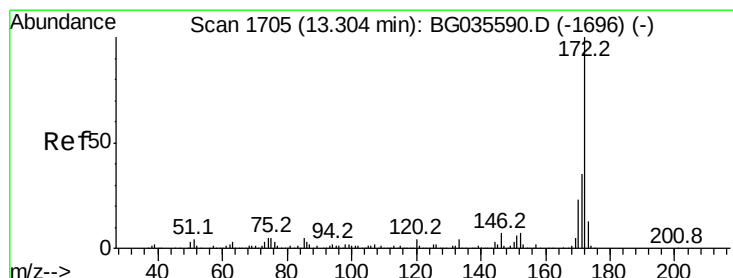
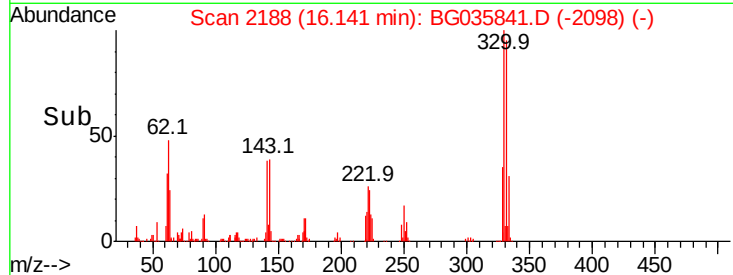
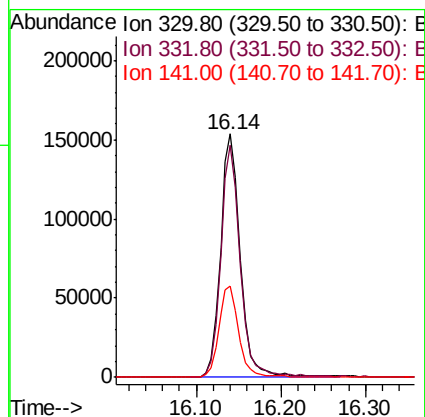
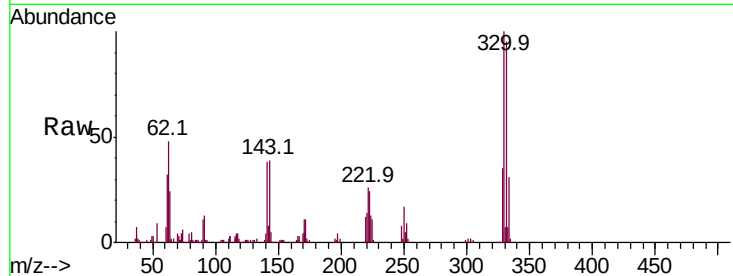




#41
2,4,6-Tribromophenol
Concen: 155.442 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

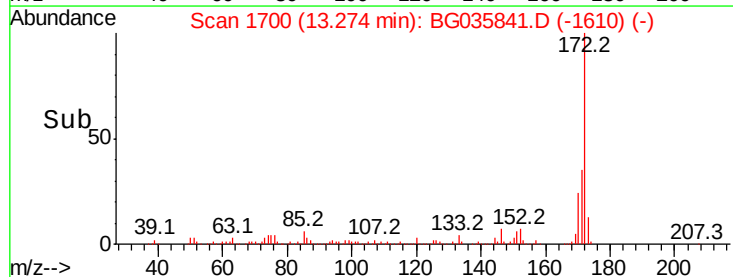
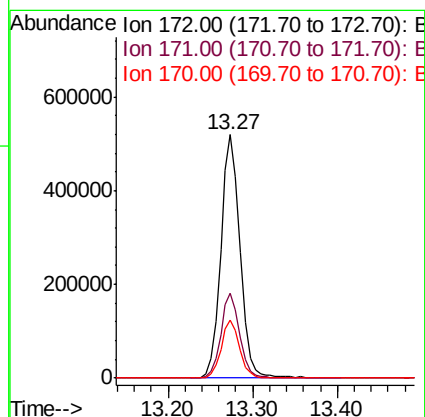
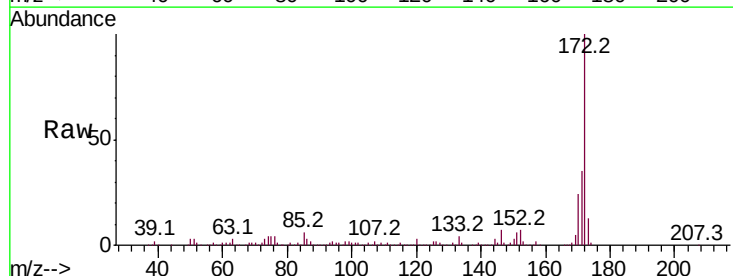
Instrument :
BNA_G
ClientSampleId :
PB111227BL

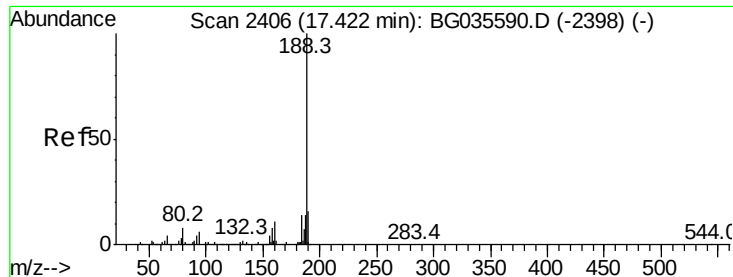
Tot Ion:330 Resp: 251719
Ion Ratio Lower Upper
330 100
332 94.0 77.0 115.6
141 37.9 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 90.105 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035841.D
Acq: 24 Jul 2018 10:34

Tgt Ion:172 Resp: 826302
Ion Ratio Lower Upper
172 100
171 35.0 30.0 45.0
170 23.6 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: BG035841.D

Acq: 24 Jul 2018 10:34

Instrument :

BNA_G

ClientSampleId :

PB111227BL

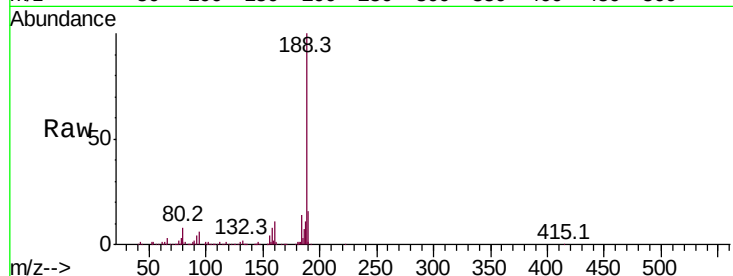
Tot Ion:188 Resp: 347955

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

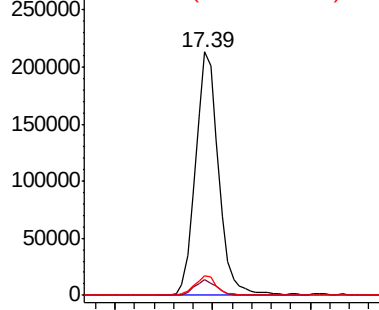
80 7.9 7.7 11.5



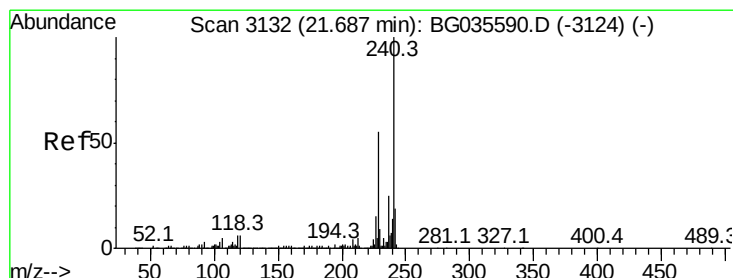
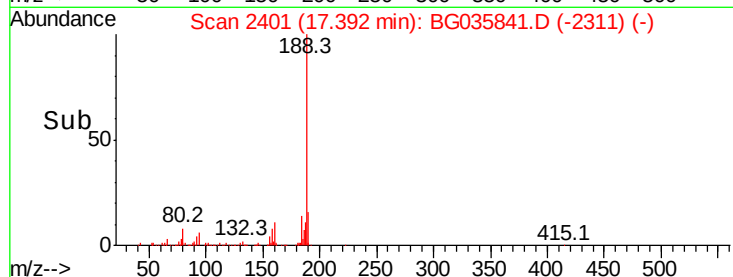
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035841.D

Acq: 24 Jul 2018 10:34

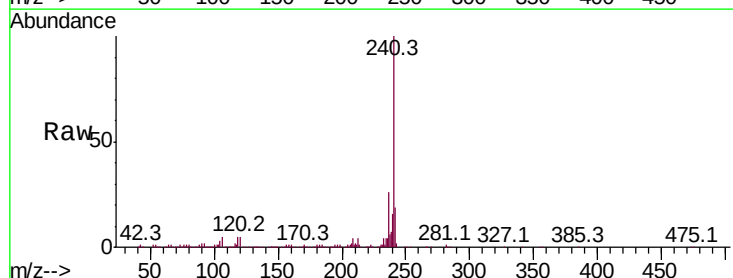
Tgt Ion:240 Resp: 412629

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

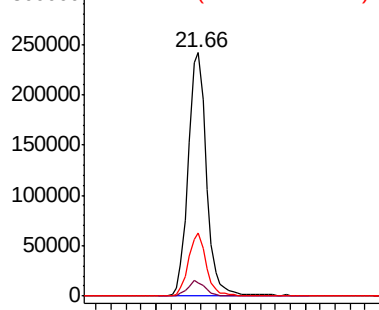
236 26.1 20.9 31.3



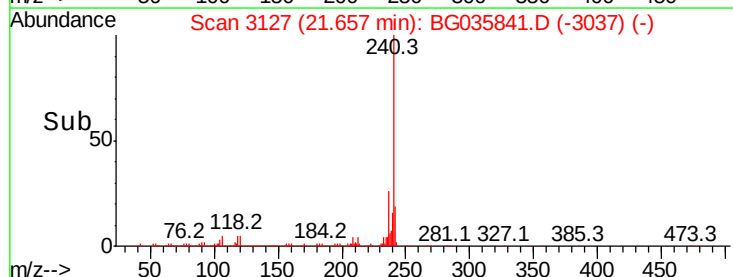
Abundance Ion 240.00 (239.70 to 240.70): E

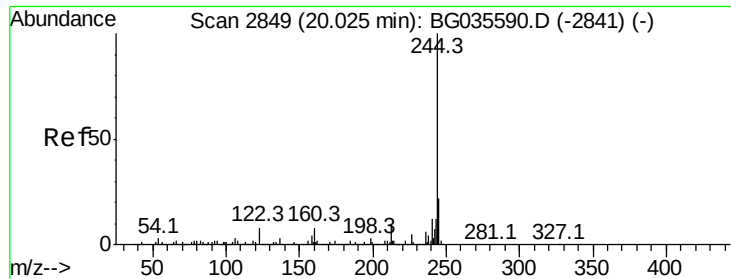
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 87.287 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035841.D

Acq: 24 Jul 2018 10:34

Instrument :

BNA_G

ClientSampleId :

PB111227BL

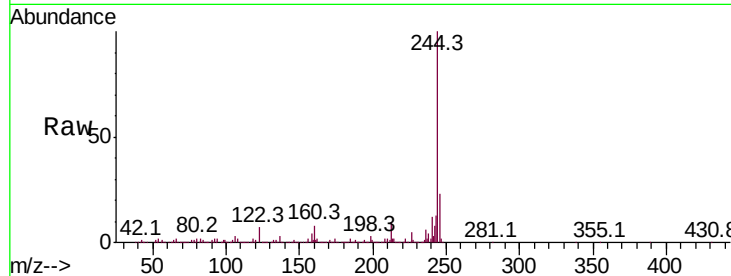
Tot Ion:244 Resp: 1633946

Ion Ratio Lower Upper

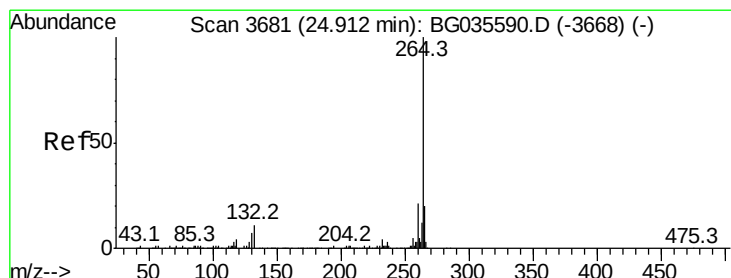
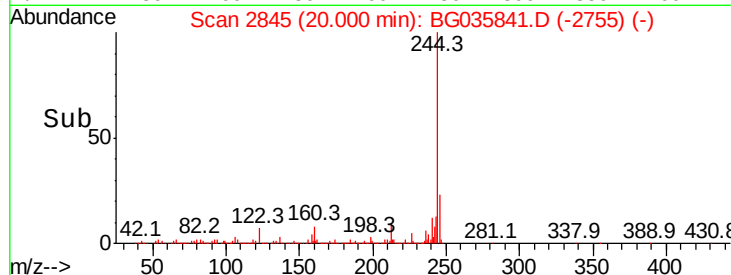
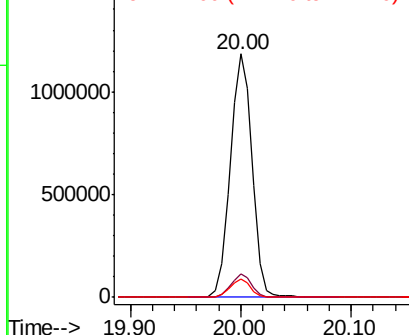
244 100

212 9.6 5.8 8.8#

122 7.4 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: BG035841.D

Acq: 24 Jul 2018 10:34

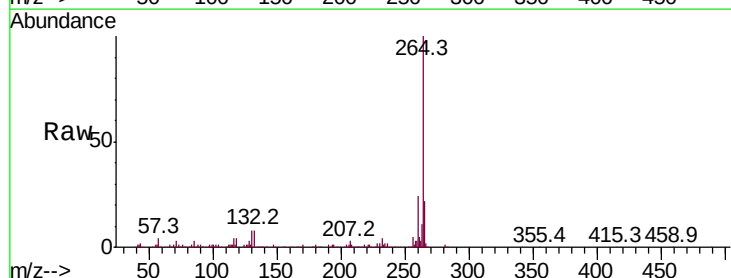
Tgt Ion:264 Resp: 384248

Ion Ratio Lower Upper

264 100

260 24.3 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

