

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035616.D
 Acq On : 13 Jul 2018 5:37
 Operator : JU/SJ
 Sample : PB111040BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111040BL

Quant Time: Jul 13 08:13:51 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	8.06	152	43607	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	165860	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	123638	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	356219	20.00	ng	0.00
75) Chrysene-d12	21.68	240	385328	20.00	ng	0.00
86) Perylene-d12	24.90	264	354824	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	388633	147.96	ng	0.00
7) Phenol-d6	7.22	99	574443	146.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	371622	93.60	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	242590	148.86	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	848939	91.99	ng	0.00
78) Terphenyl-d14	20.03	244	1628402	93.15	ng	0.00

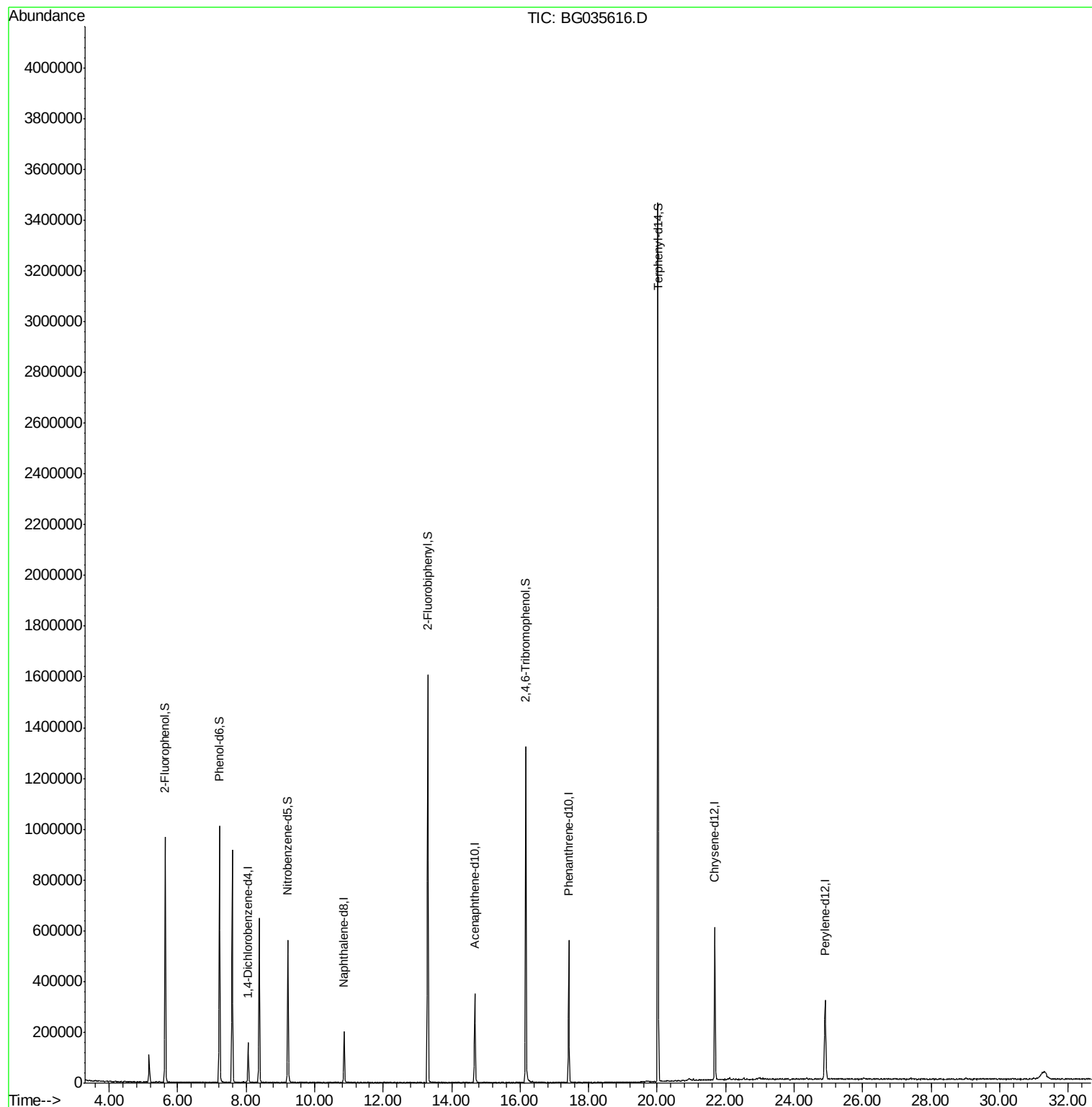
Target Compounds Qvalue

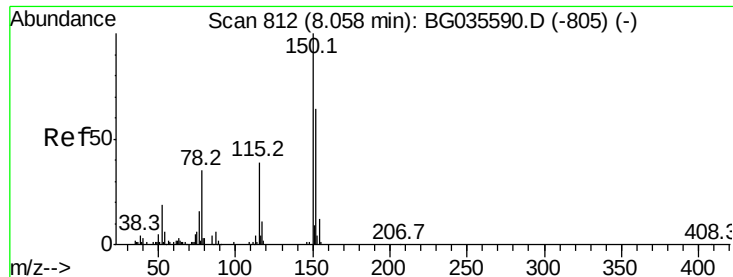
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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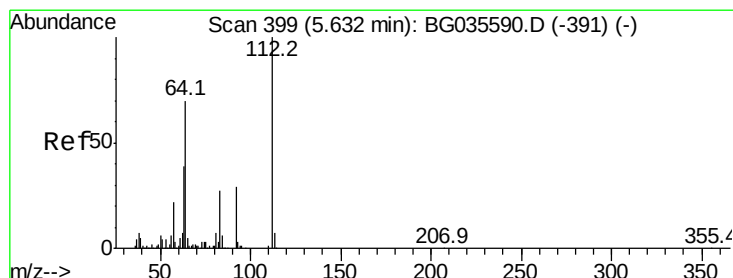
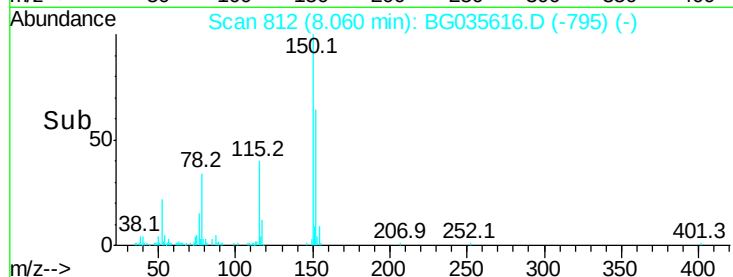
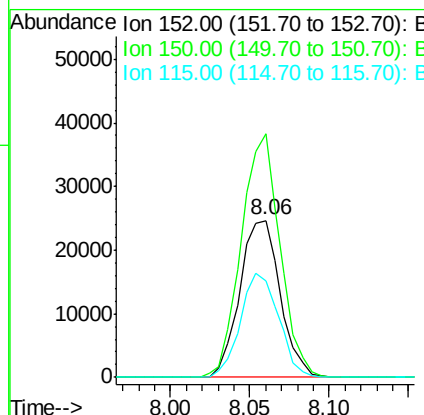
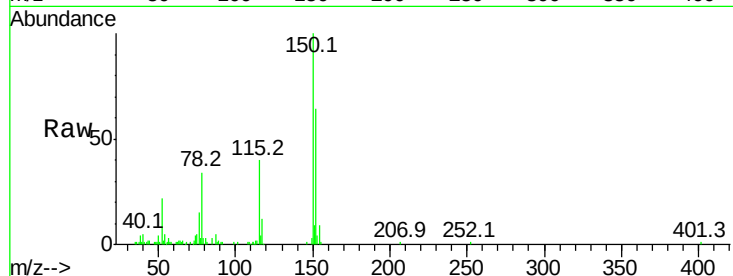


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035616.D
Acq: 13 Jul 2018 5:37

Instrument :
BNA_G
ClientSampleId :
PB111040BL

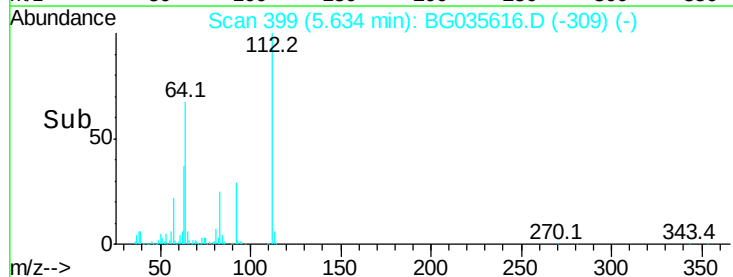
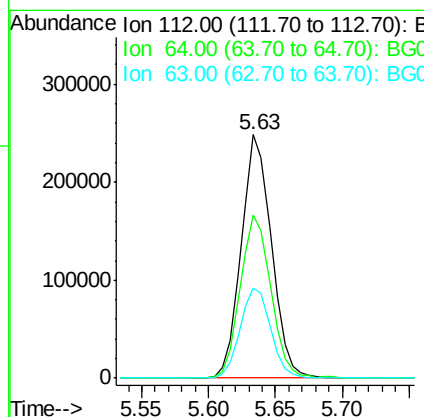
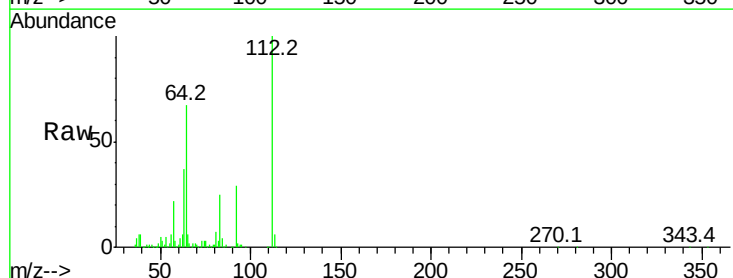
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	61.7	53.0	79.4

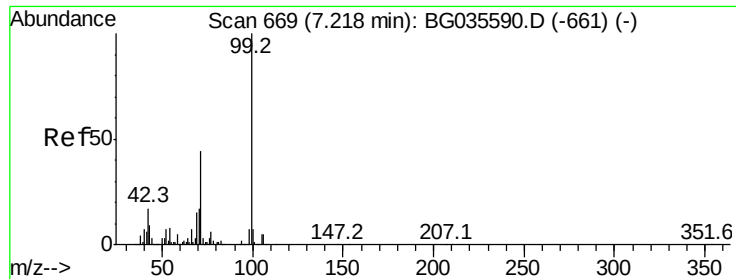


#5

2-Fluorophenol
Concen: 147.963 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035616.D
Acq: 13 Jul 2018 5:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	56.3	84.5
63	37.2	30.1	45.1





#7

Phenol-d6

Concen: 146.587 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035616.D

Acq: 13 Jul 2018 5:37

Instrument :

BNA_G

ClientSampleId :

PB111040BL

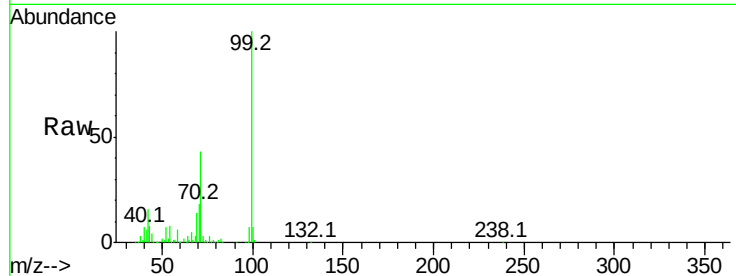
Tot Ion: 99 Resp: 574443

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

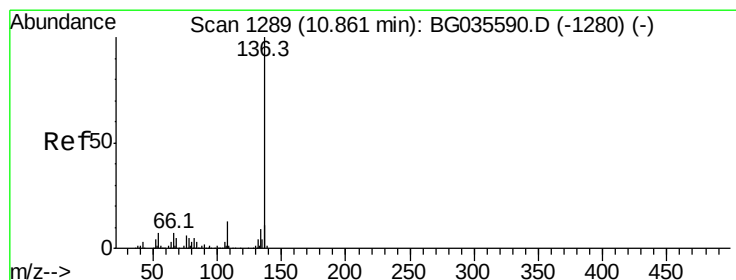
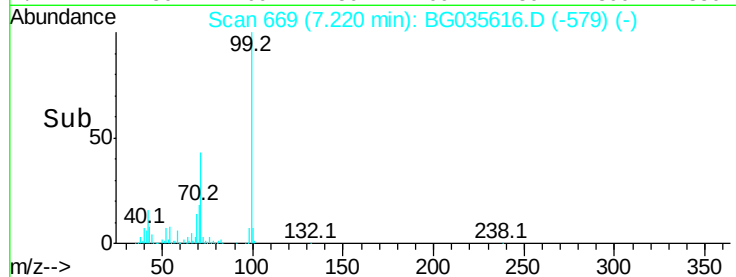
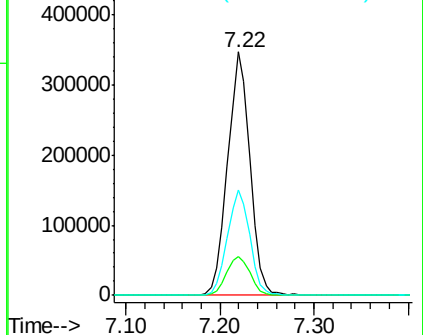
71 43.0 26.1 39.1#



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: 10.86 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BG035616.D

Acq: 13 Jul 2018 5:37

Tgt Ion: 136 Resp: 165860

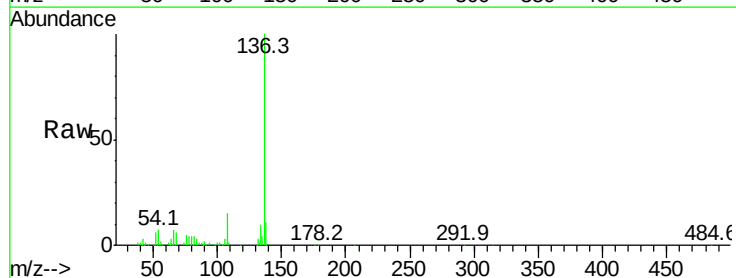
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.5 10.3 15.5#

68 6.0 4.5 6.7

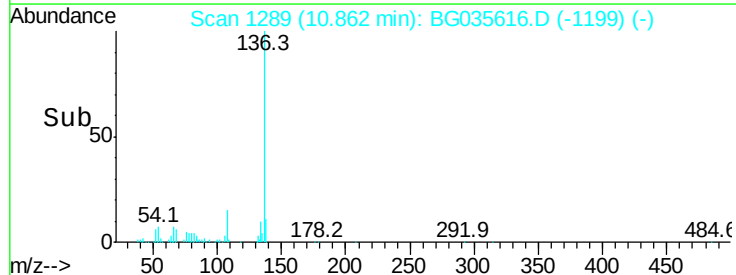
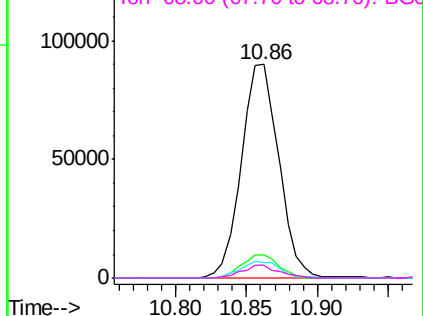


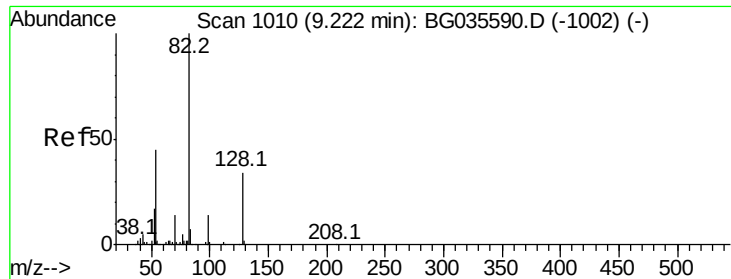
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

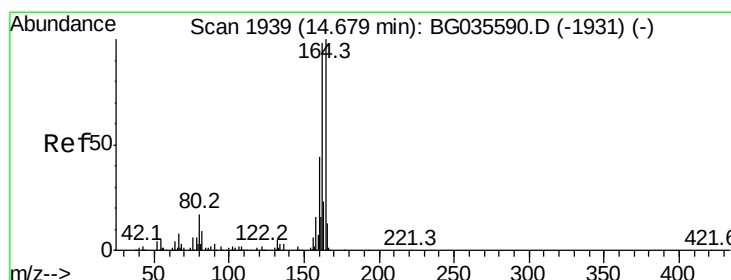
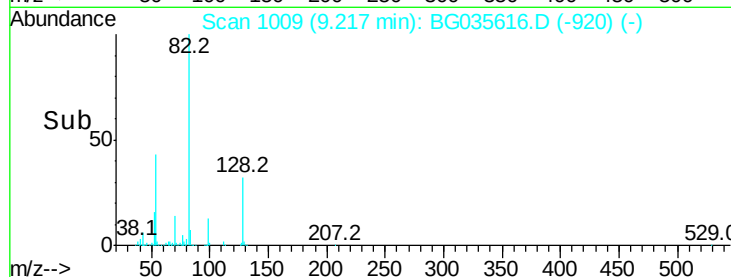
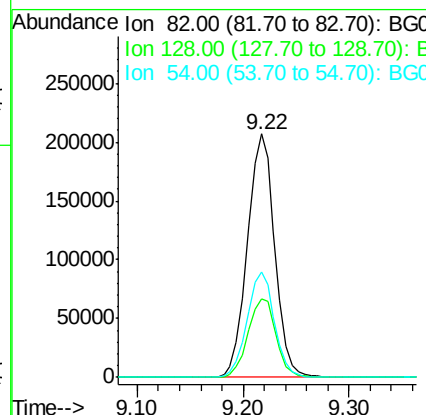
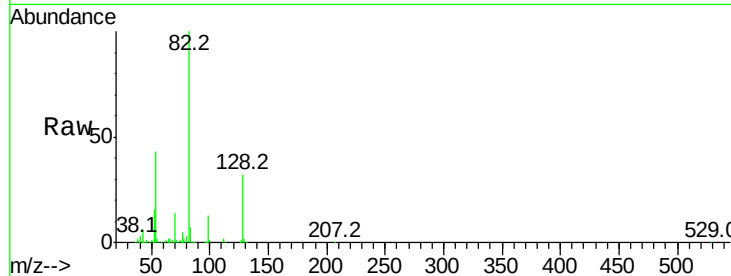




#23
Nitrobenzene-d5
Concen: 93.599 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035616.D
Acq: 13 Jul 2018 5:37

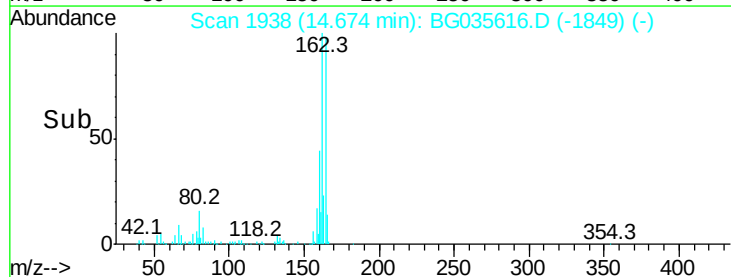
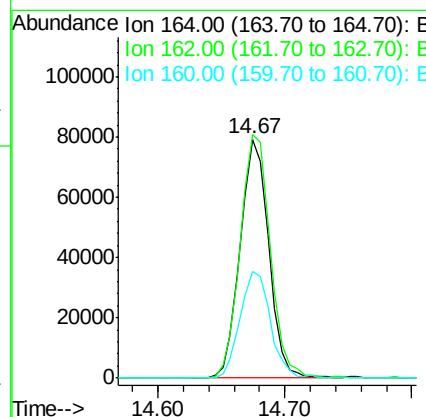
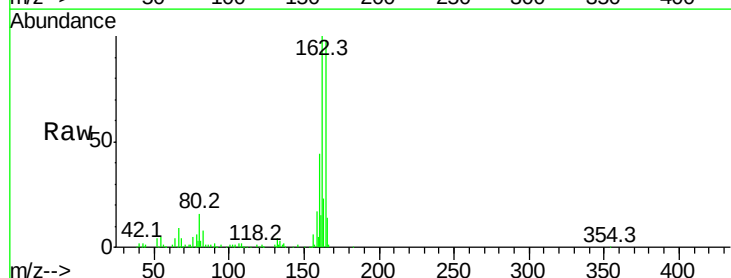
Instrument :
BNA_G
ClientSampleId :
PB111040BL

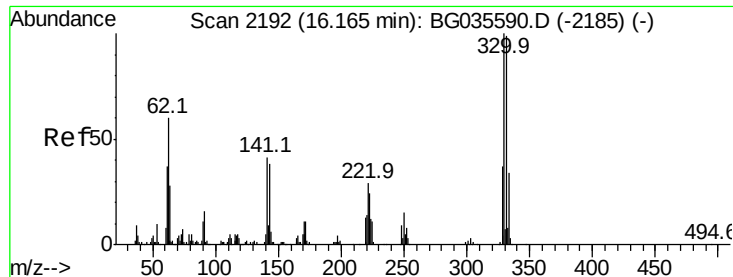
Tot Ion: 82 Resp: 371622
Ion Ratio Lower Upper
82 100
128 32.4 29.7 44.5
54 43.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG035616.D
Acq: 13 Jul 2018 5:37

Tgt Ion:164 Resp: 123638
Ion Ratio Lower Upper
164 100
162 101.8 78.8 118.2
160 44.5 35.4 53.0

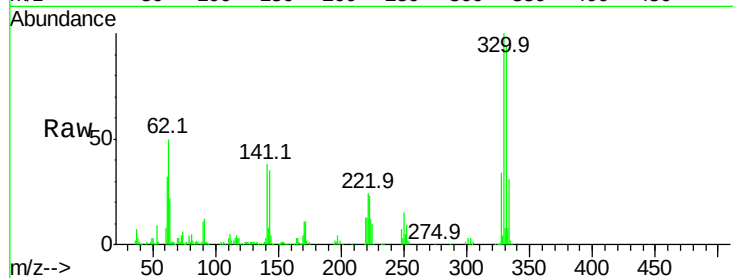




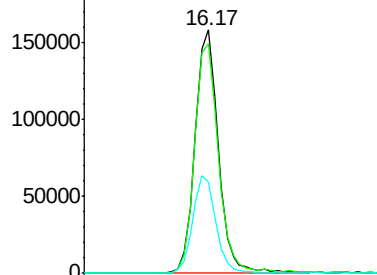
#41
 2,4,6-Tribromophenol
 Concen: 148.862 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG035616.D
 Acq: 13 Jul 2018 5:37

Instrument :
 BNA_G
 ClientSampleId :
 PB111040BL

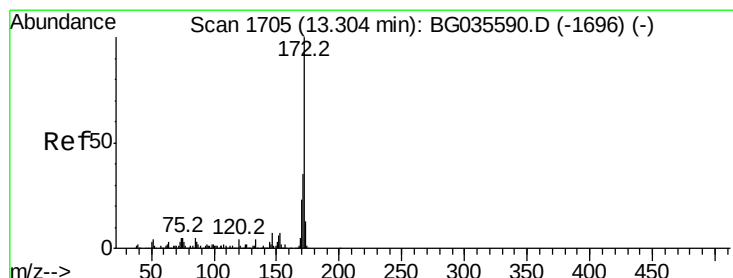
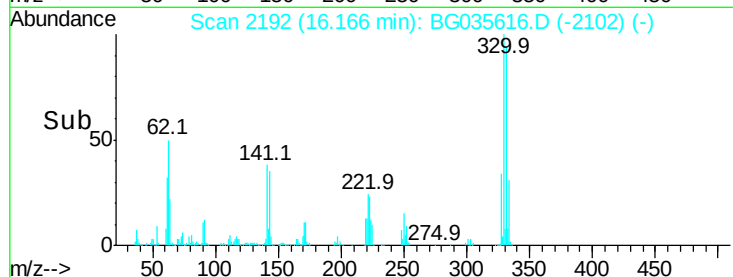
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	40.0	25.2	37.8#



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

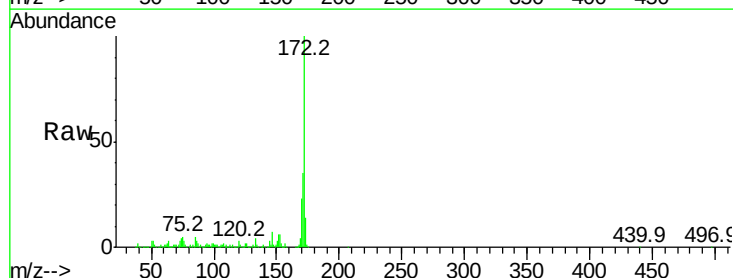


Time-->

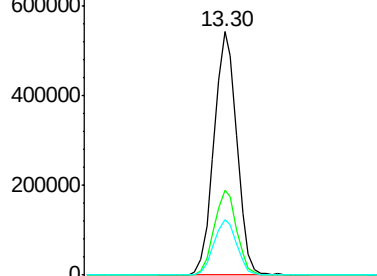


#44
 2-Fluorobiphenyl
 Concen: 91.991 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG035616.D
 Acq: 13 Jul 2018 5:37

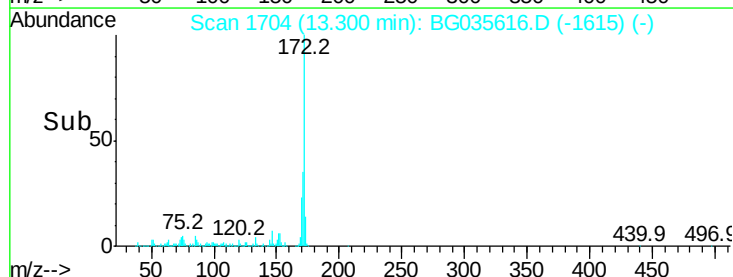
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.8	19.5	29.3

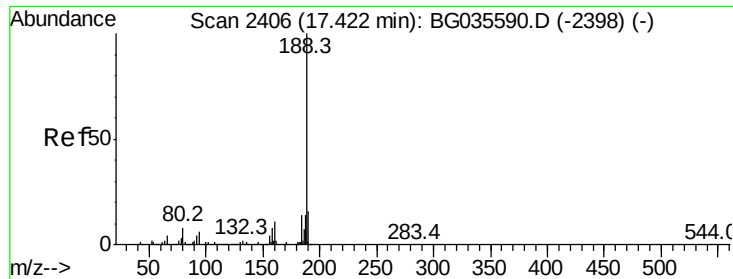


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BG035616.D

Acq: 13 Jul 2018 5:37

Instrument :

BNA_G

ClientSampleId :

PB111040BL

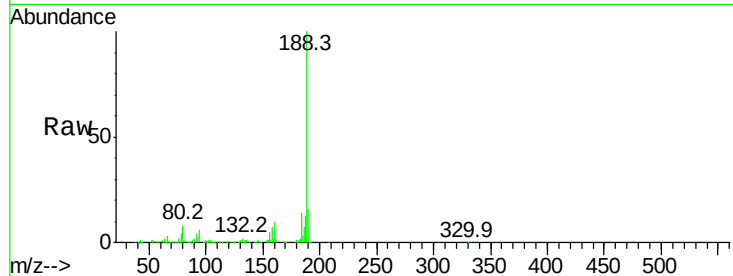
Tot Ion:188 Resp: 356219

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

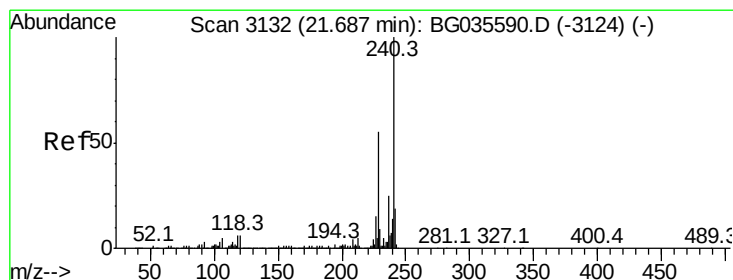
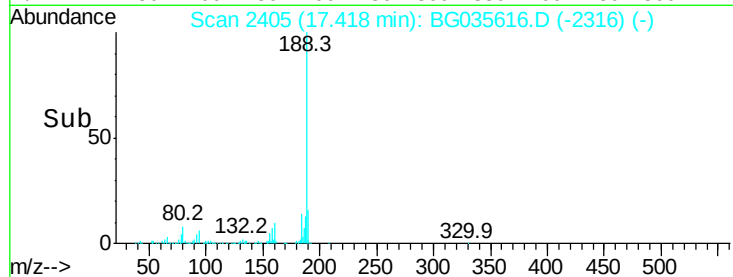
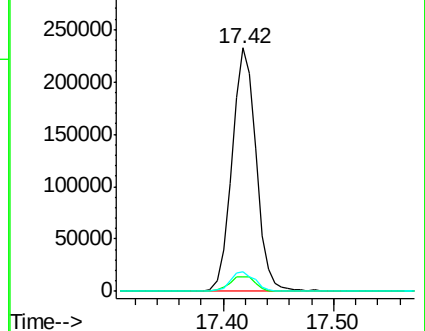
80 8.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035616.D

Acq: 13 Jul 2018 5:37

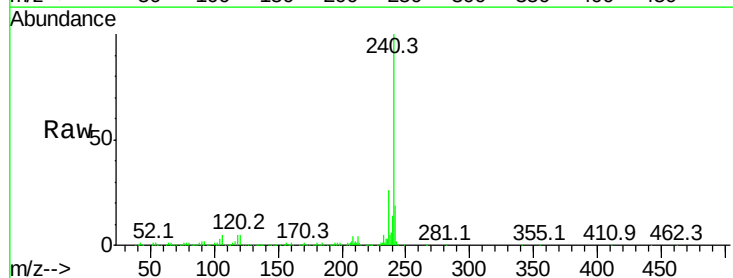
Tgt Ion:240 Resp: 385328

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

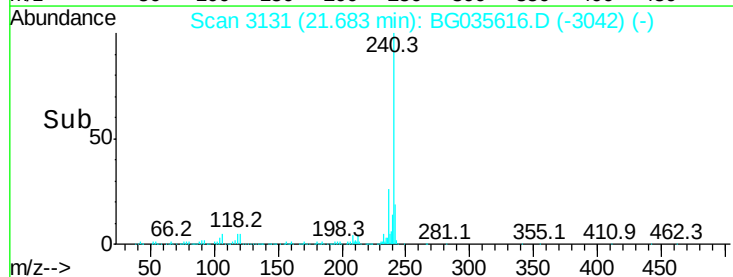
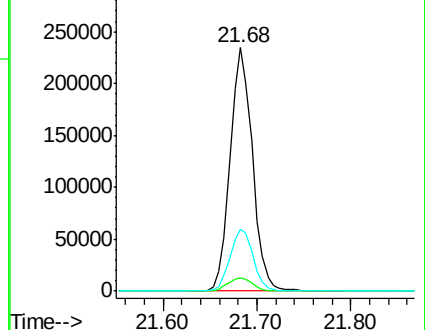
236 25.6 20.9 31.3

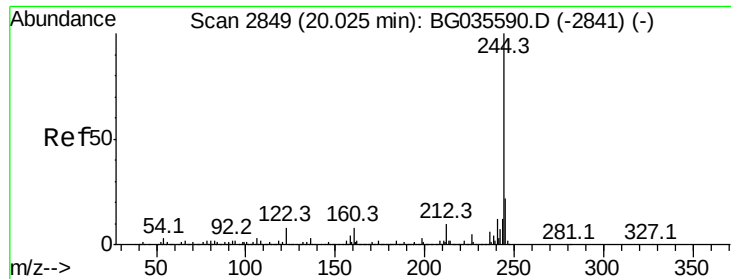


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.154 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035616.D

Acq: 13 Jul 2018 5:37

Instrument :

BNA_G

ClientSampleId :

PB111040BL

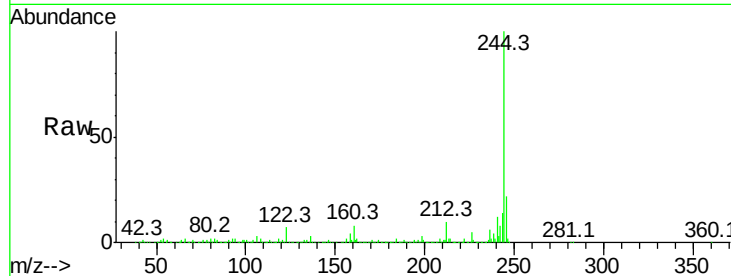
Tot Ion:244 Resp: 1628402

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

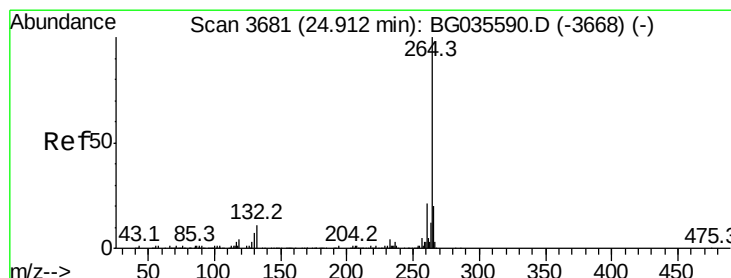
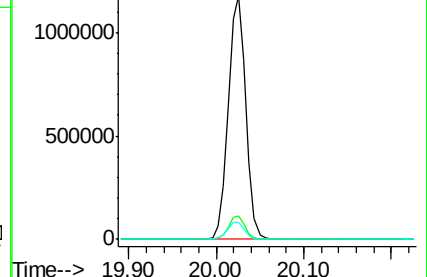
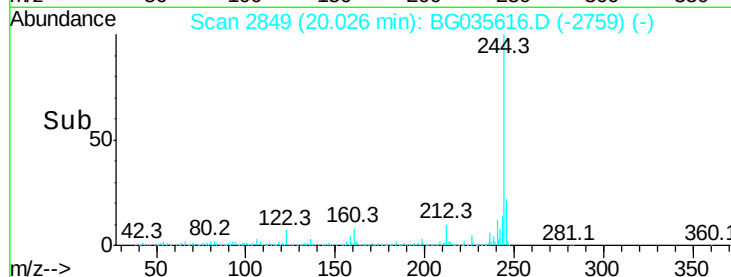
122 7.2 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG035616.D

Acq: 13 Jul 2018 5:37

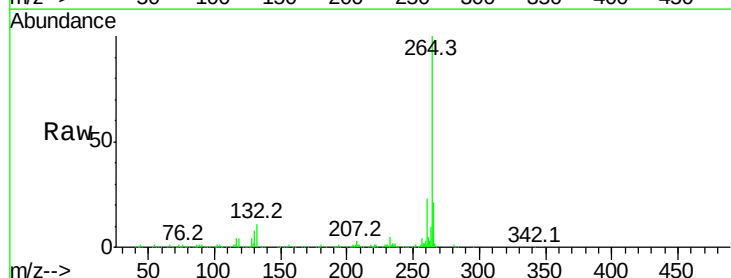
Tgt Ion:264 Resp: 354824

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.9 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

