

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
 Data File : BG035906.D
 Acq On : 26 Jul 2018 12:42
 Operator : JU/SJ
 Sample : J3821-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-B

Quant Time: Jul 26 13:54:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33720	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	128697	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	99900	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	311493	20.00	ng	0.00
75) Chrysene-d12	21.66	240	343493	20.00	ng	0.00
86) Perylene-d12	24.85	264	318537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	273605	134.71	ng	0.00
7) Phenol-d6	7.19	99	358107	118.18	ng	0.00
23) Nitrobenzene-d5	9.19	82	285259	92.59	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	239321	181.75	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	708847	95.06	ng	0.00
78) Terphenyl-d14	20.00	244	1524294	97.82	ng	0.00

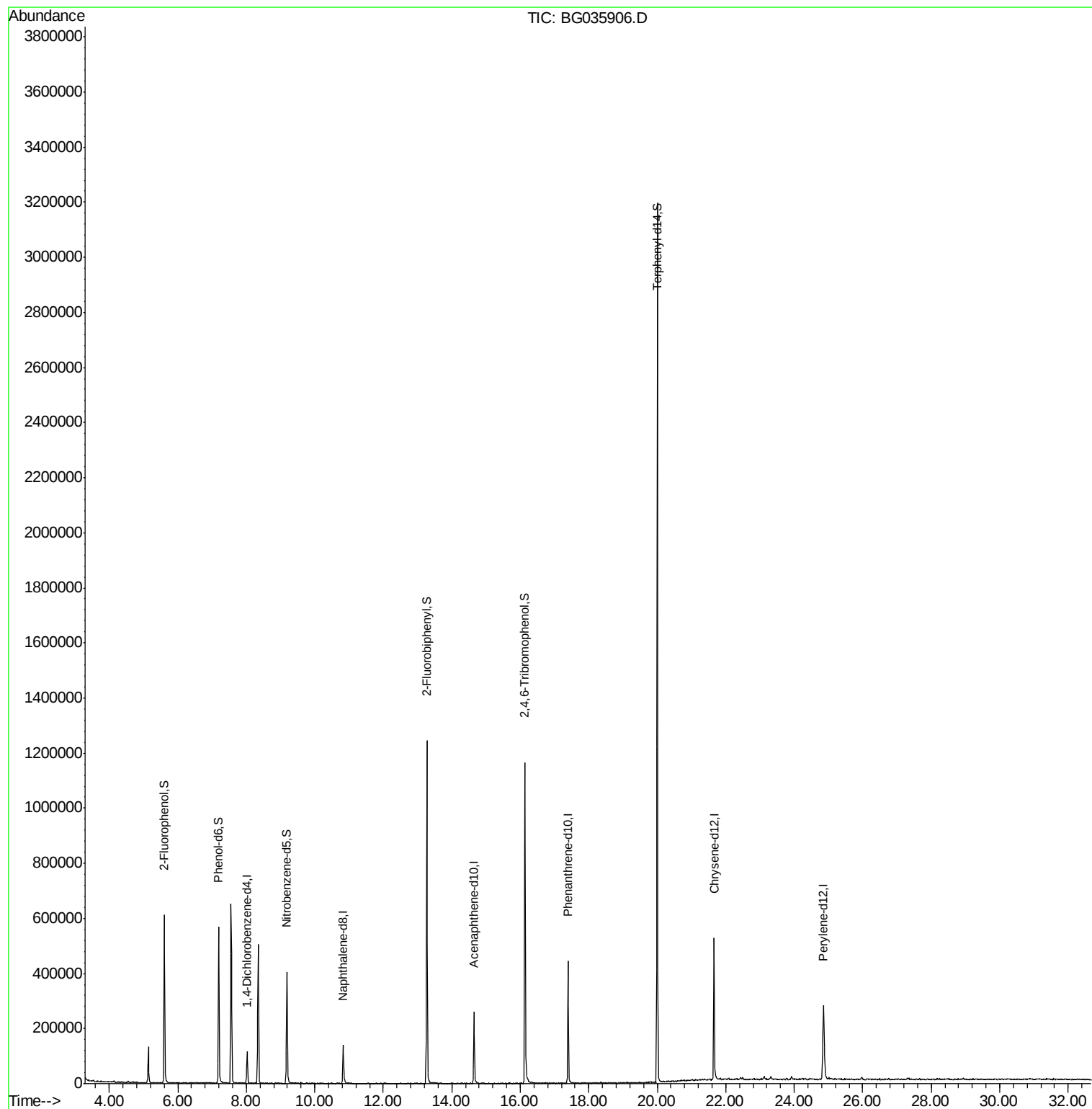
Target Compounds Qvalue

(#) = 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: BG035906.D

Acq: 26 Jul 2018 12:42

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-B

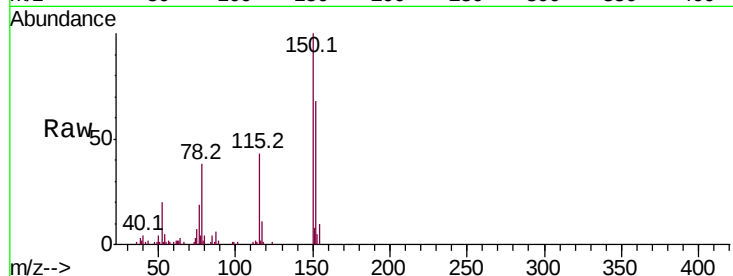
Tot Ion:152 Resp: 33720

Ion Ratio Lower Upper

152 100

150 146.4 126.6 189.8

115 62.4 53.0 79.4

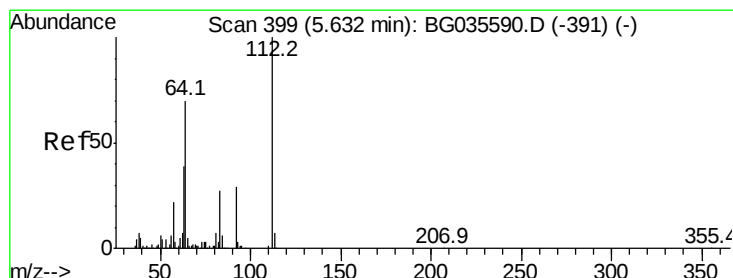
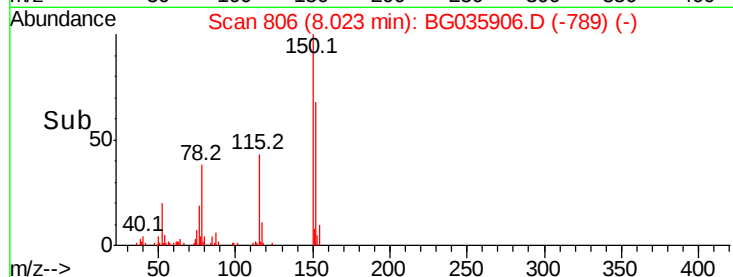
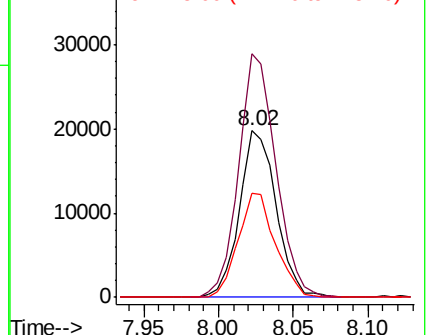


Abundance

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: 134.712 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035906.D

Acq: 26 Jul 2018 12:42

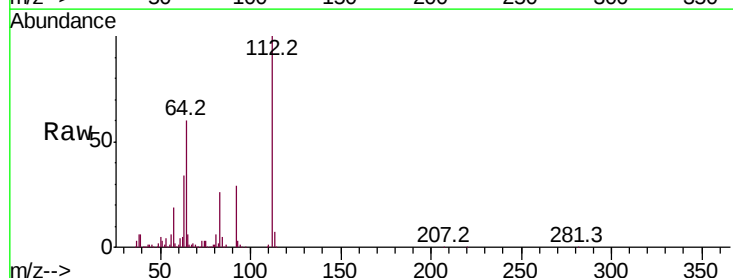
Tgt Ion:112 Resp: 273605

Ion Ratio Lower Upper

112 100

64 59.7 56.3 84.5

63 33.7 30.1 45.1

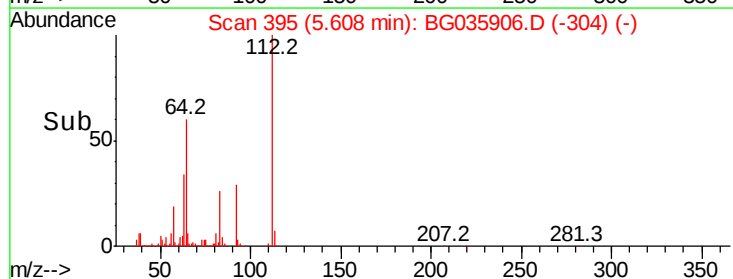
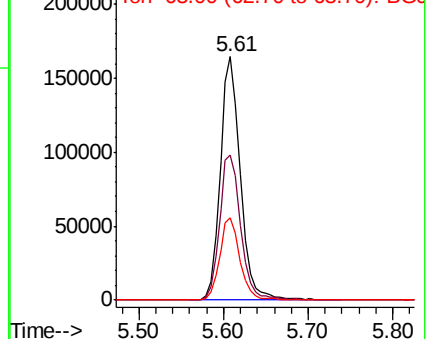


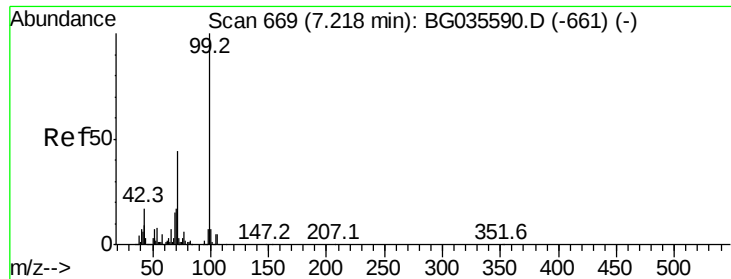
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 118.176 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035906.D

Acq: 26 Jul 2018 12:42

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-B

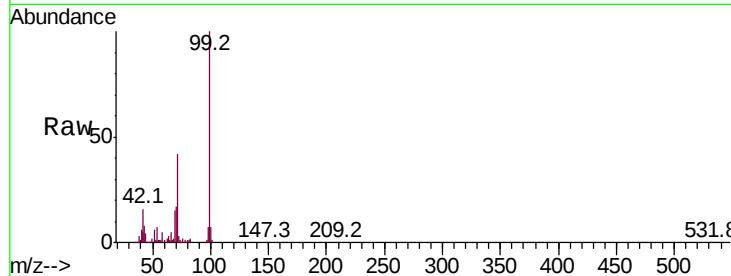
Tot Ion: 99 Resp: 358107

Ion Ratio Lower Upper

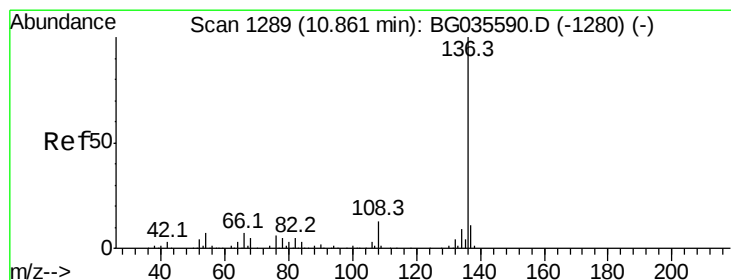
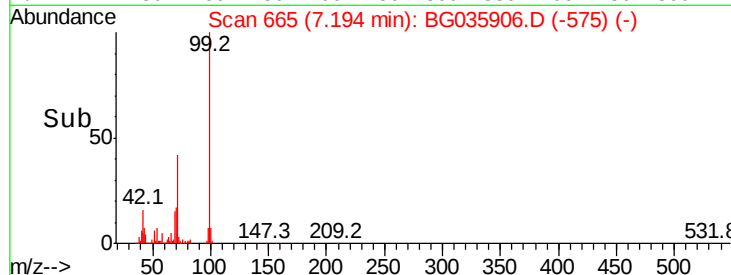
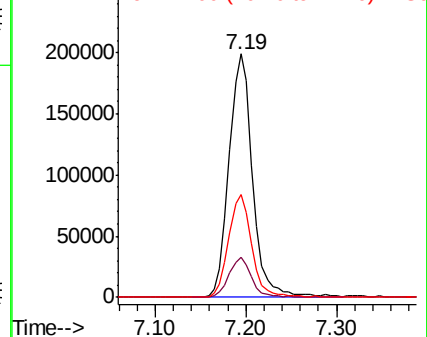
99 100

42 16.4 14.1 21.1

71 42.4 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: BG035906.D

Acq: 26 Jul 2018 12:42

Tgt Ion: 136 Resp: 128697

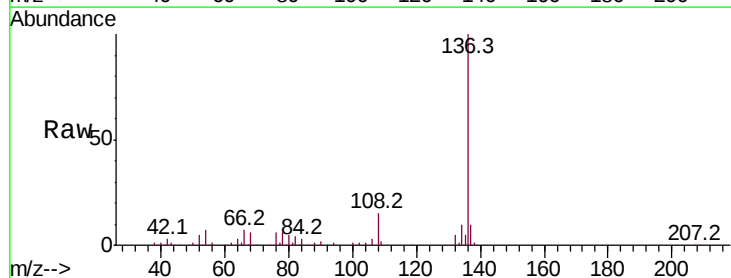
Ion Ratio Lower Upper

136 100

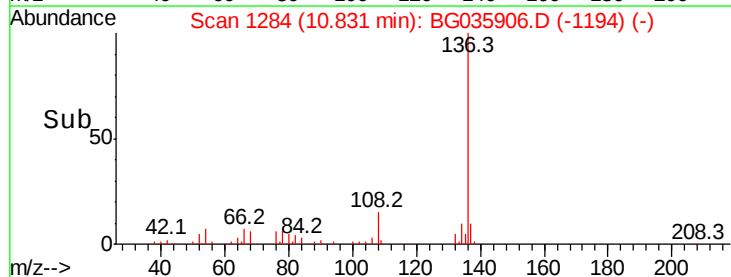
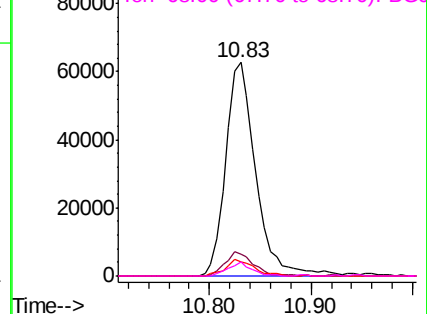
137 10.0 9.2 13.8

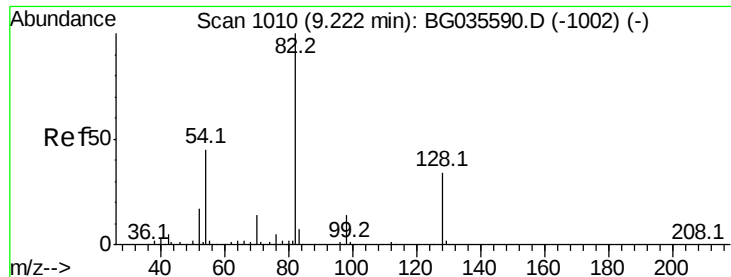
54 6.9 10.3 15.5#

68 6.3 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

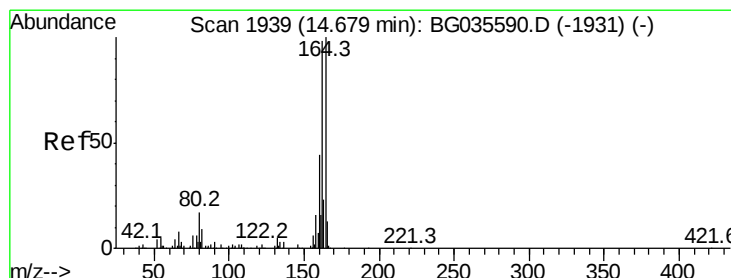
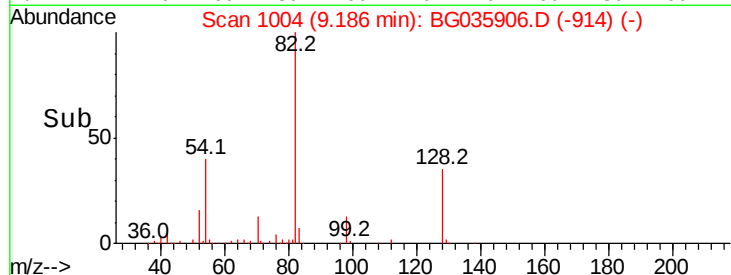
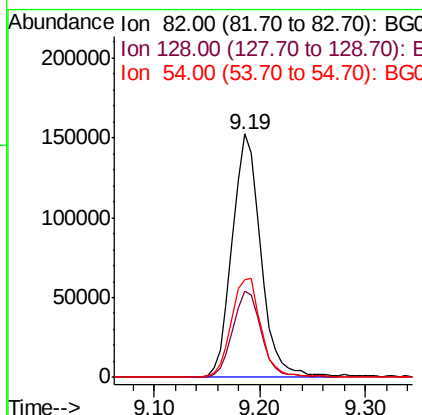
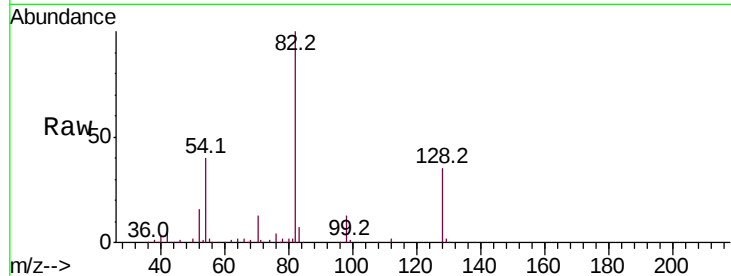




#23
 Nitrobenzene-d5
 Concen: 92.594 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035906.D
 Acq: 26 Jul 2018 12:42

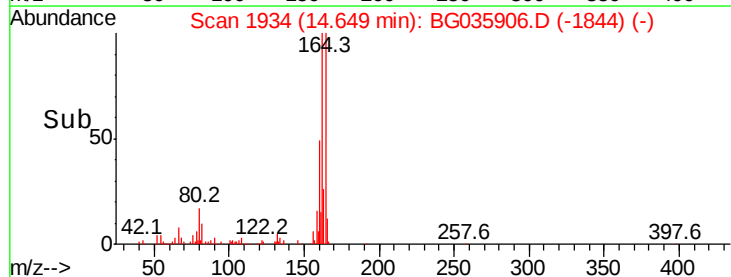
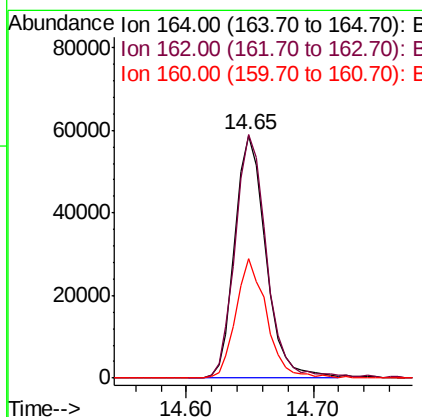
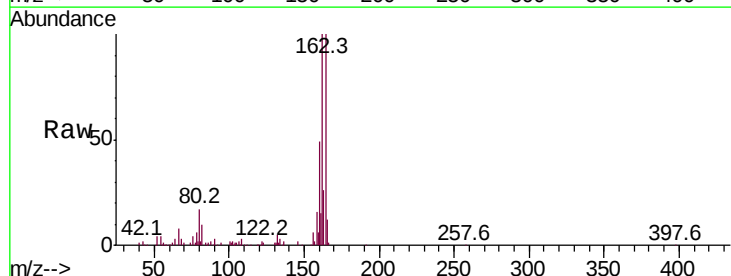
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-B

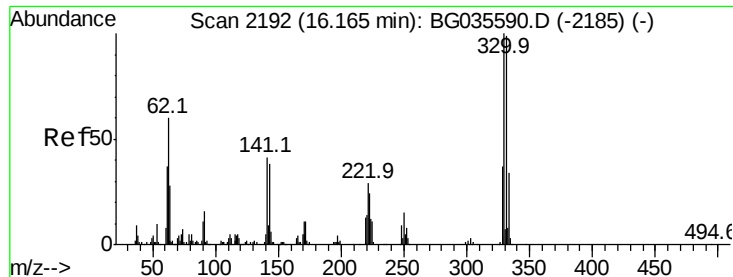
Tot Ion	82	Resp	285259
Ion Ratio	100	Lower	Upper
128	35.4	29.7	44.5
54	40.2	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035906.D
 Acq: 26 Jul 2018 12:42

Tgt Ion	164	Resp	99900
Ion Ratio	100	Lower	Upper
162	100.3	78.8	118.2
160	49.1	35.4	53.0

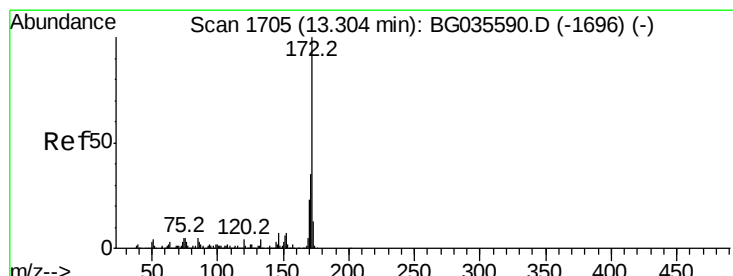
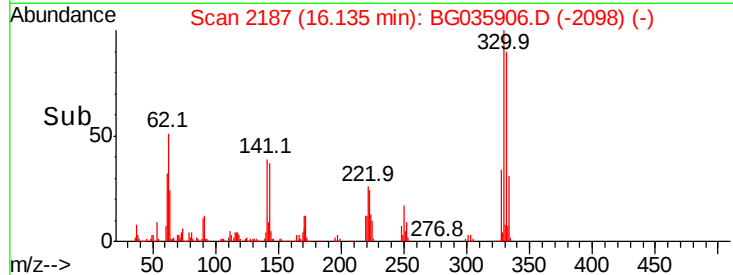
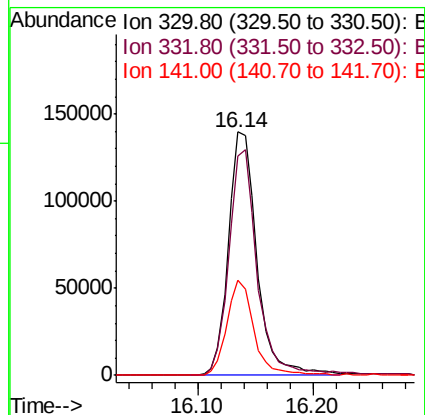
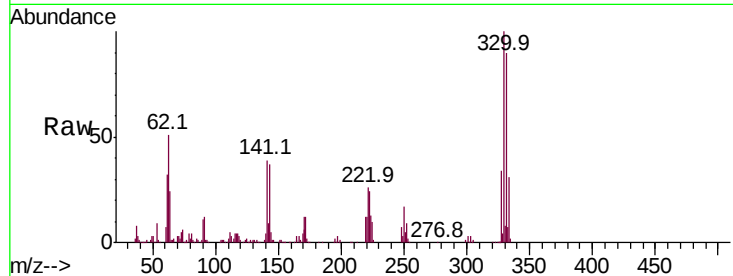




#41
2,4,6-Tribromophenol
Concen: 181.752 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035906.D
Acq: 26 Jul 2018 12:42

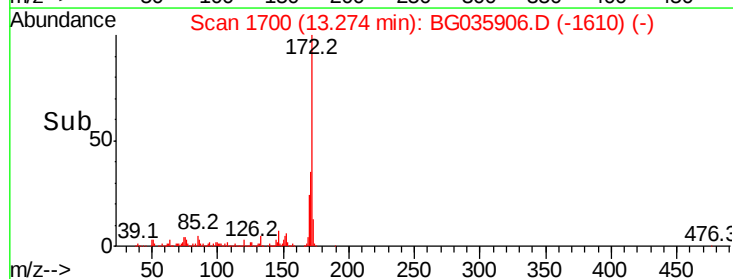
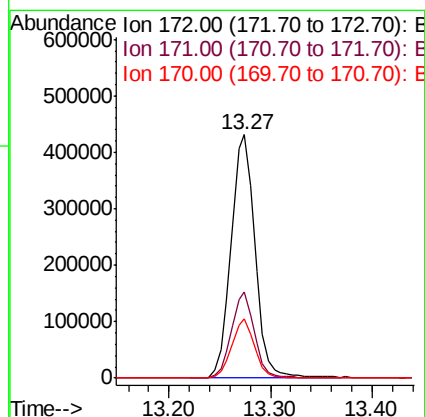
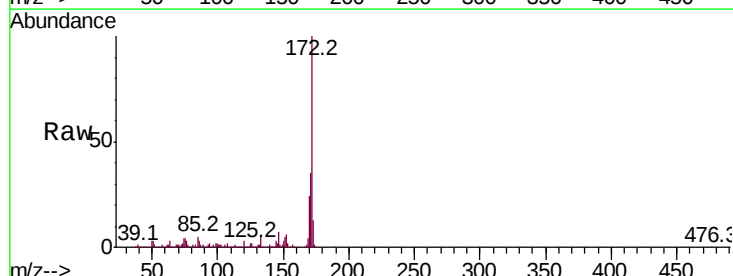
Instrument :
BNA_G
ClientSampleId :
HR-06-072418-B

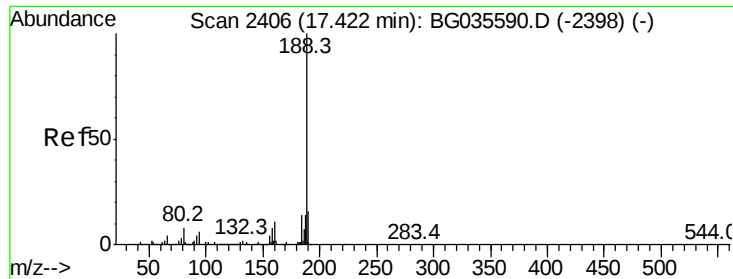
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	37.3	25.2	37.8



#44
2-Fluorobiphenyl
Concen: 95.062 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035906.D
Acq: 26 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	24.4	19.5	29.3

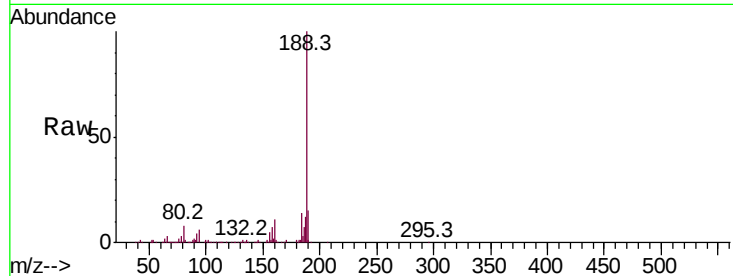




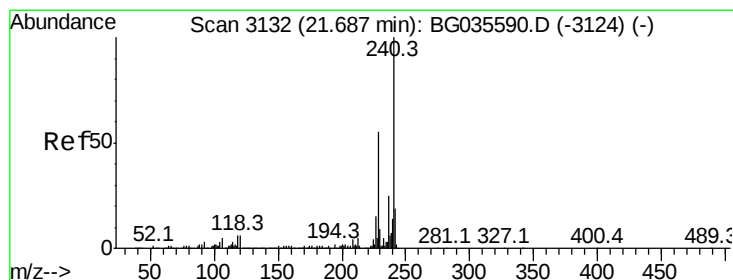
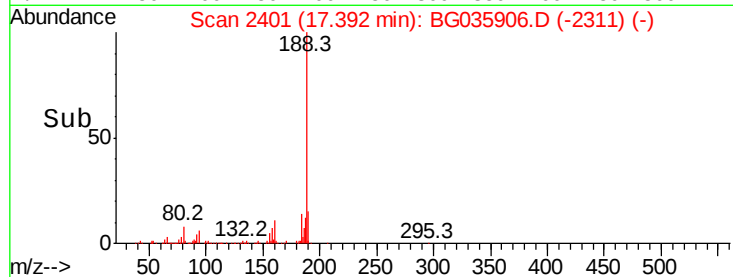
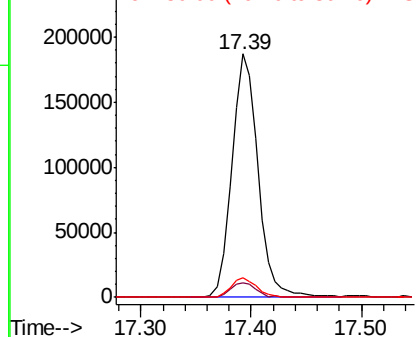
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035906.D
Acq: 26 Jul 2018 12:42

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-B

Tot Ion:188 Resp: 311493
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 8.0 7.7 11.5

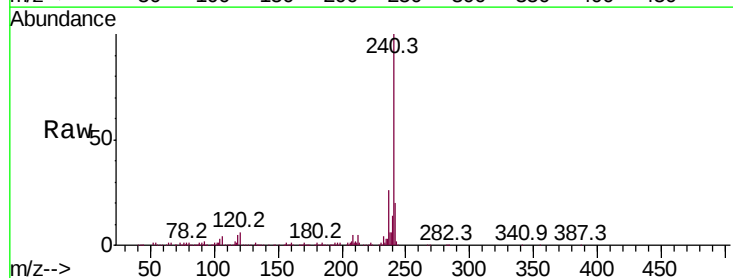


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

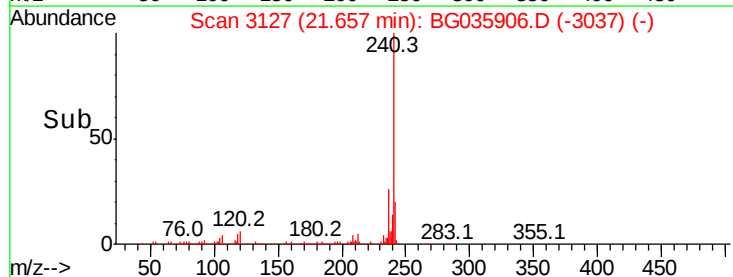
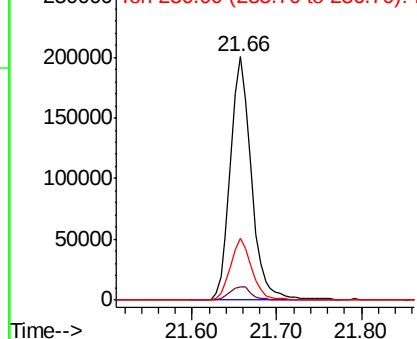


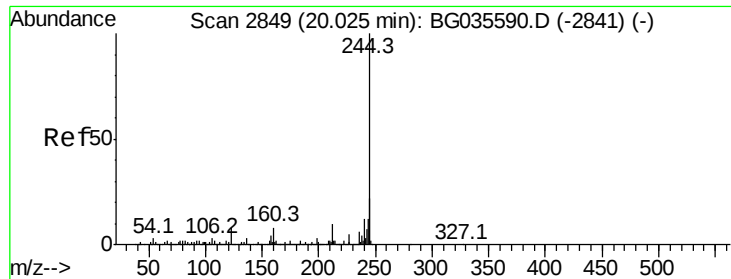
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035906.D
Acq: 26 Jul 2018 12:42

Tgt Ion:240 Resp: 343493
Ion Ratio Lower Upper
240 100
120 5.6 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: 97.819 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035906.D

Acq: 26 Jul 2018 12:42

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-B

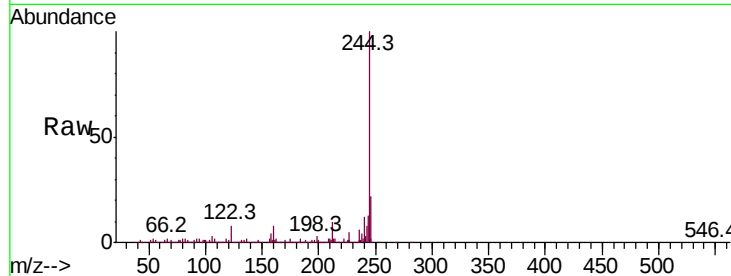
Tot Ion:244 Resp: 1524294

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

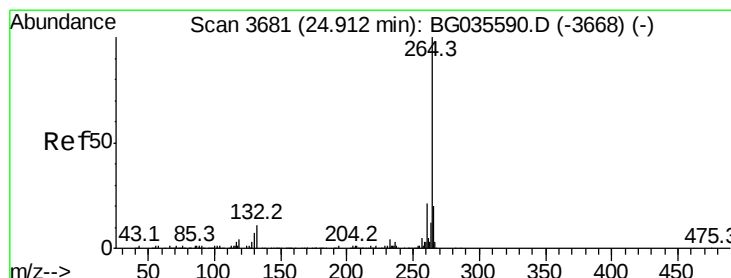
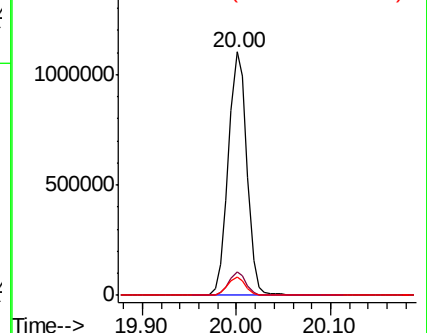
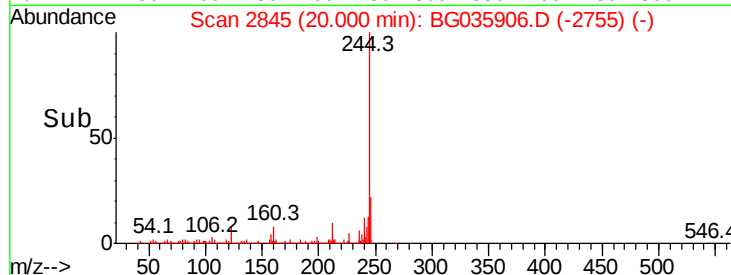
122 7.5 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: BG035906.D

Acq: 26 Jul 2018 12:42

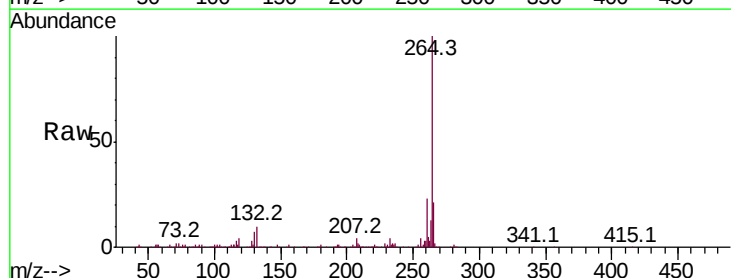
Tgt Ion:264 Resp: 318537

Ion Ratio Lower Upper

264 100

260 23.2 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

