

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033635.D
 Acq On : 6 Apr 2018 19:27
 Operator : SJ/JU
 Sample : J2214-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONE

Quant Time: Apr 07 01:17:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	41437	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	181870	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	140662	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	353731	20.00	ng	0.00
75) Chrysene-d12	22.56	240	350563	20.00	ng	0.00
86) Perylene-d12	26.33	264	342015	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	305996	138.47	ng	0.00
7) Phenol-d6	7.97	99	432779	113.98	ng	0.00
23) Nitrobenzene-d5	10.06	82	376897	95.21	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	249480	118.59	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	891703	91.52	ng	0.00
78) Terphenyl-d14	20.73	244	1539140	93.90	ng	0.00

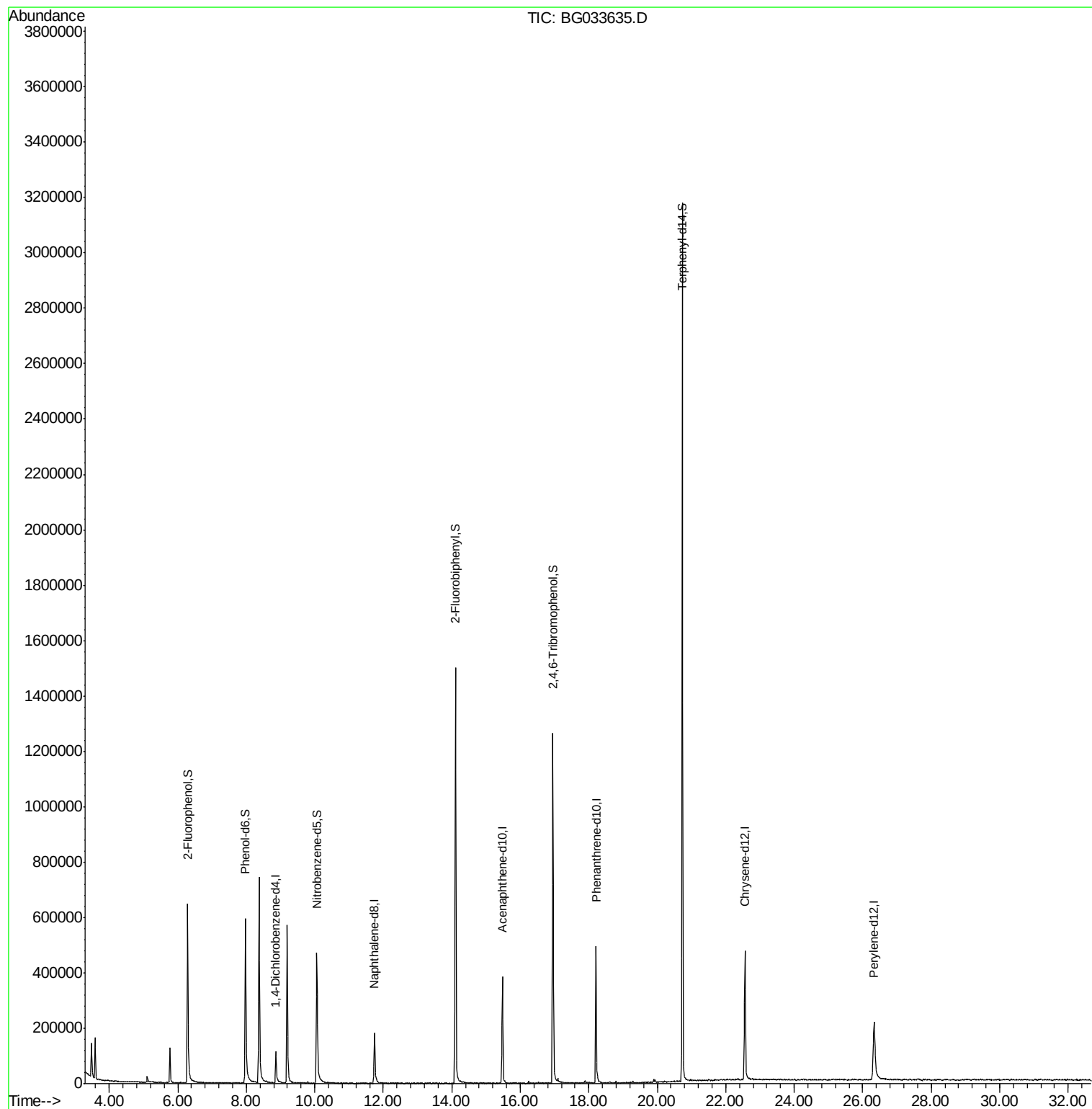
Target Compounds Qvalue

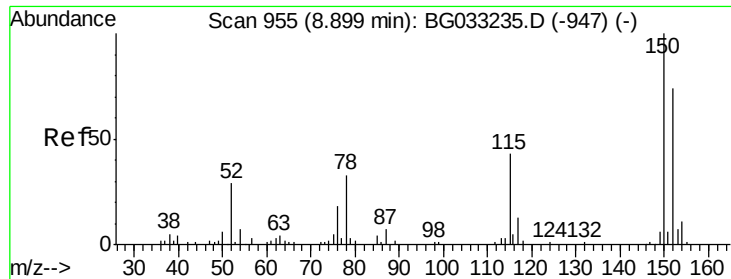
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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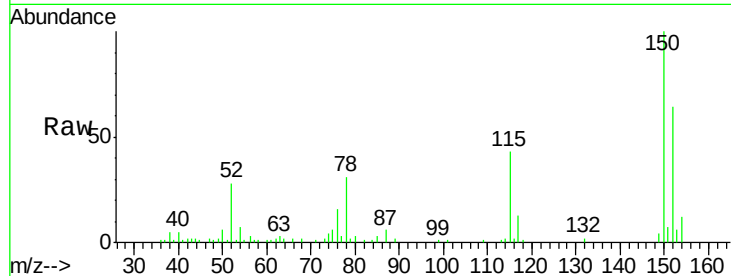


#1

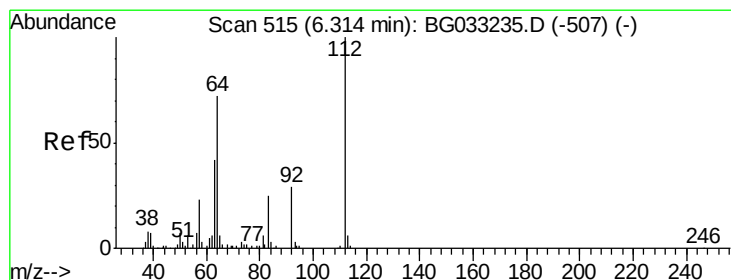
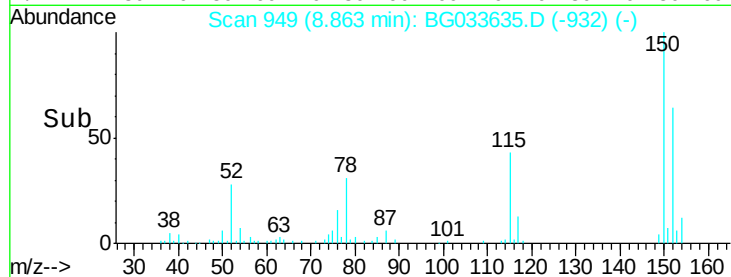
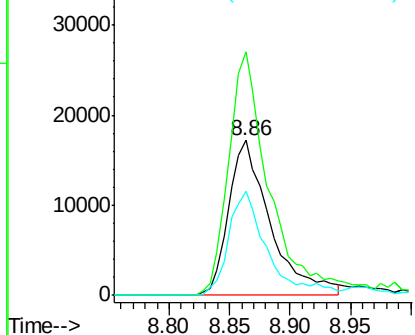
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONE

Tot Ion:152 Resp: 41437
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.6 189.8
 115 67.1 53.0 79.4



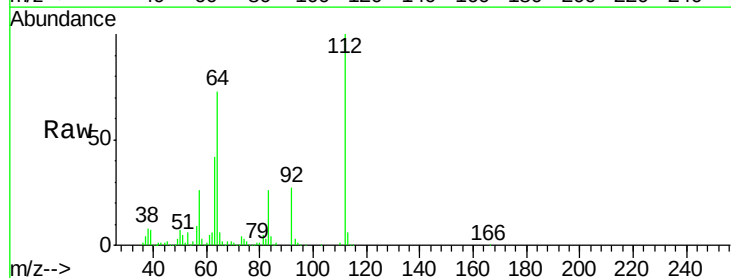
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



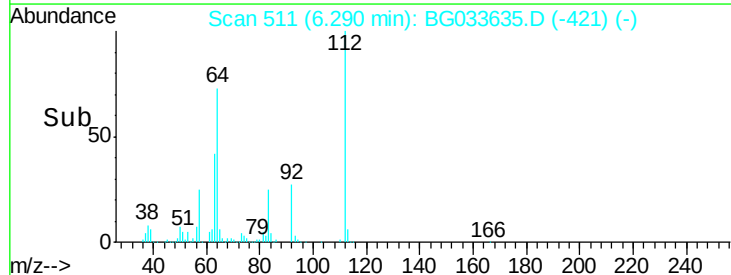
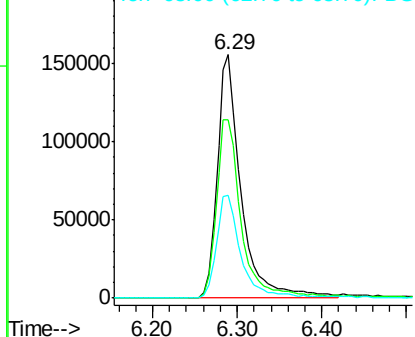
#5

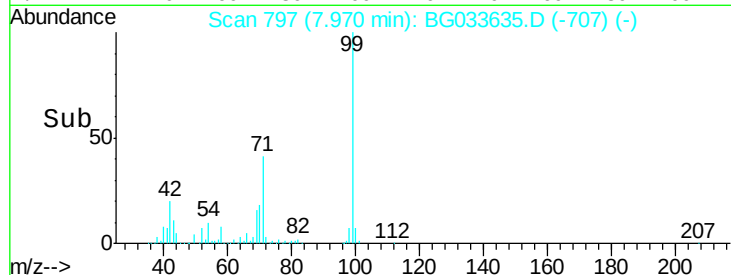
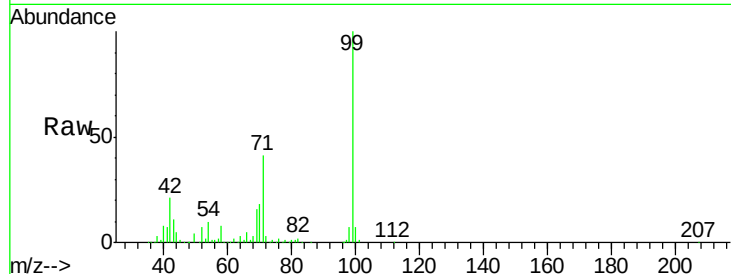
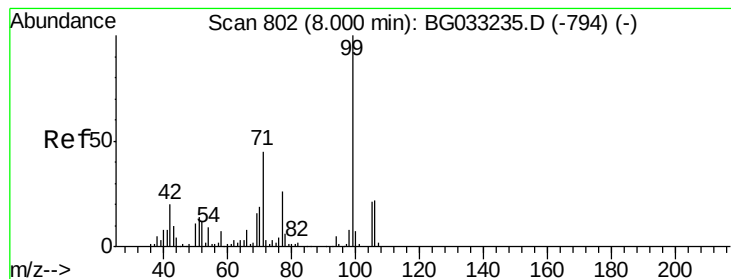
2-Fluorophenol
 Concen: 138.470 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

Tgt Ion:112 Resp: 305996
 Ion Ratio Lower Upper
 112 100
 64 73.1 56.3 84.5
 63 42.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.981 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033635.D

Acq: 6 Apr 2018 19:27

Instrument :

BNA_G

ClientSampleId :

HH-STONE

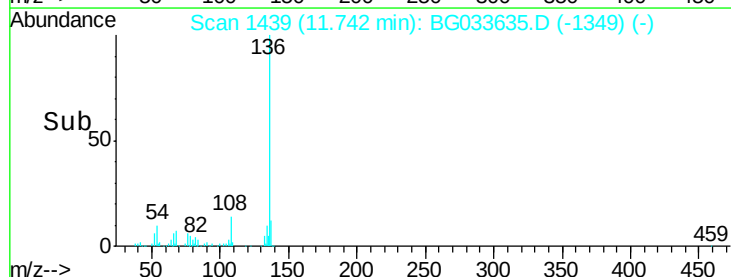
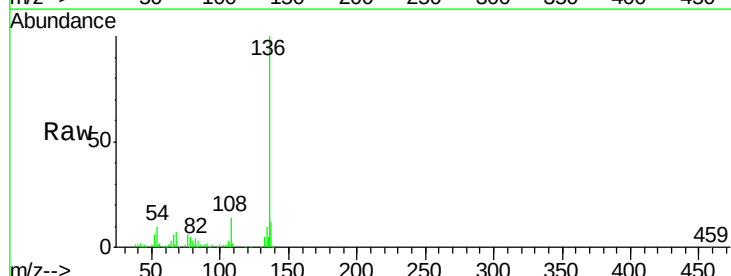
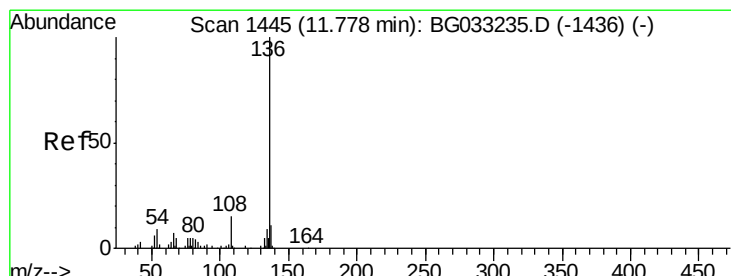
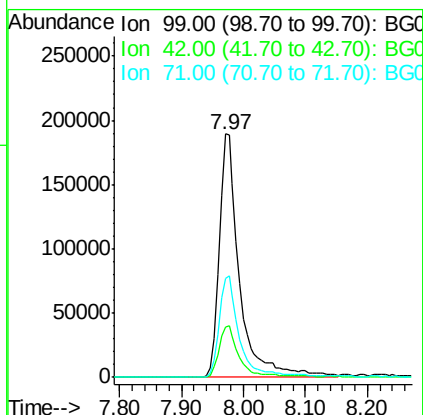
Tot Ion: 99 Resp: 432779

Ion Ratio Lower Upper

99 100

42 20.5 14.1 21.1

71 40.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033635.D

Acq: 6 Apr 2018 19:27

Tgt Ion: 136 Resp: 181870

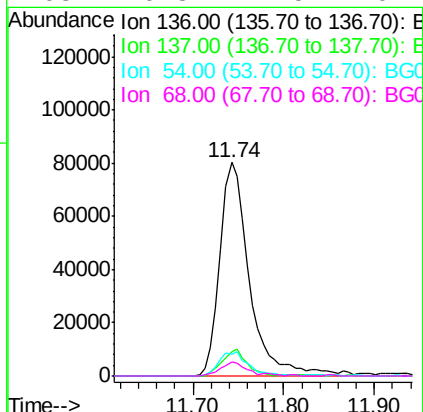
Ion Ratio Lower Upper

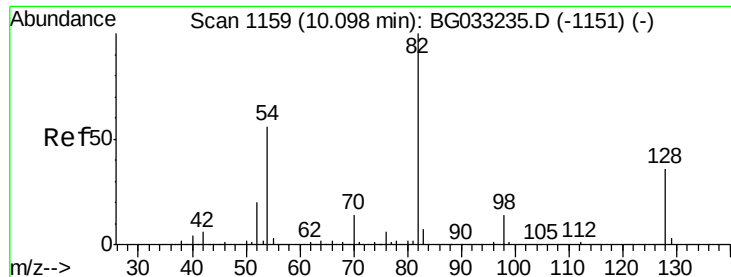
136 100

137 11.6 9.2 13.8

54 10.5 10.3 15.5

68 6.8 4.5 6.7#



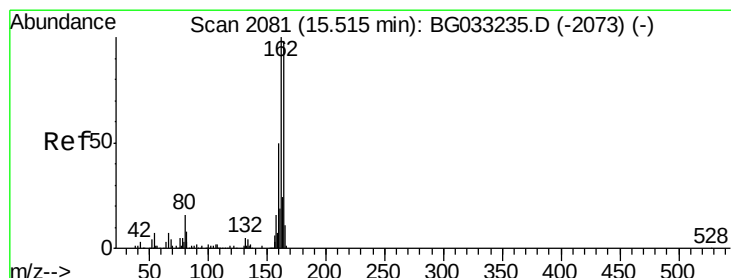
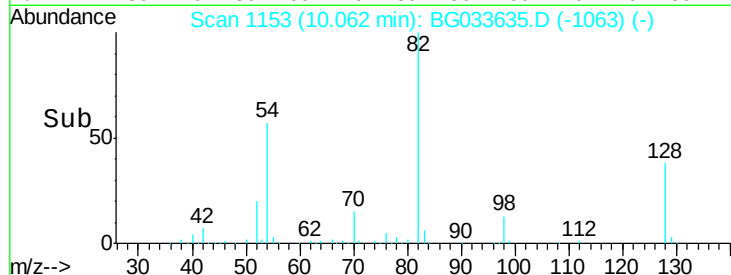
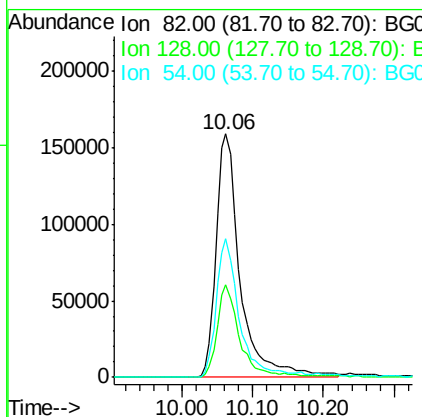
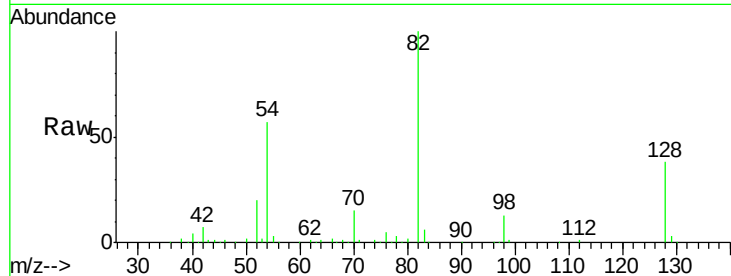


#23
 Nitrobenzene-d5
 Concen: 95.212 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONE

Tot Ion: 82 Resp: 376897

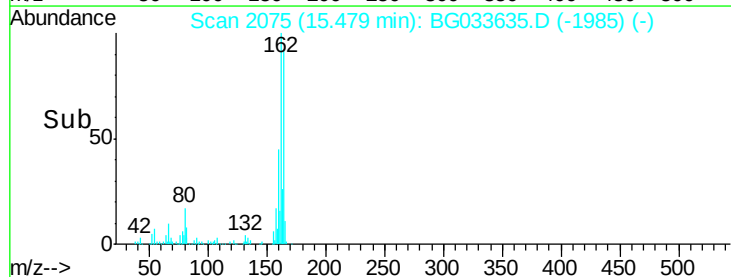
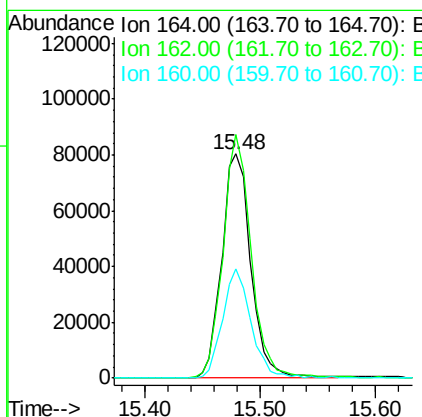
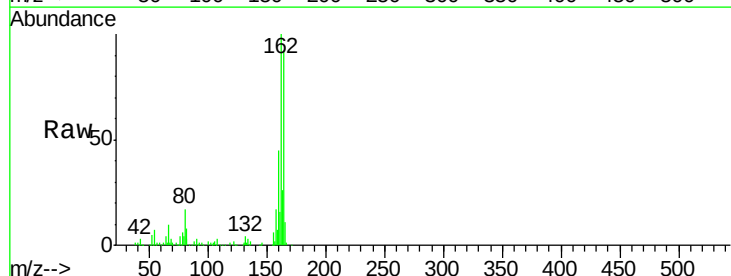
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.7	44.5
54	56.8	43.1	64.7

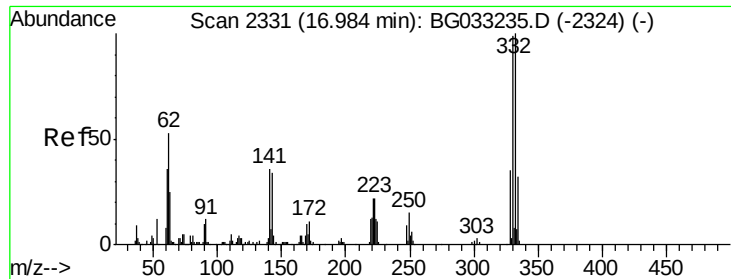


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

Tgt Ion: 164 Resp: 140662

Ion	Ratio	Lower	Upper
164	100		
162	108.5	78.8	118.2
160	48.7	35.4	53.0

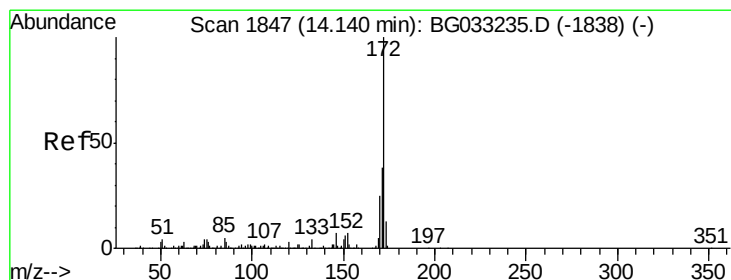
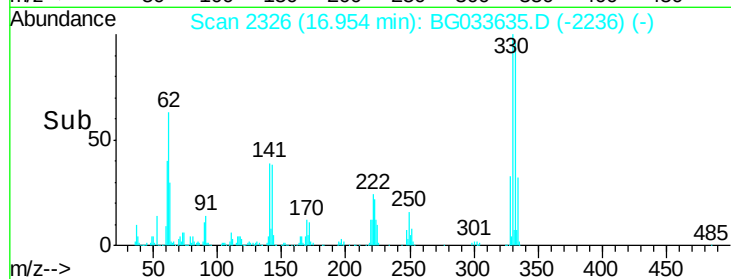
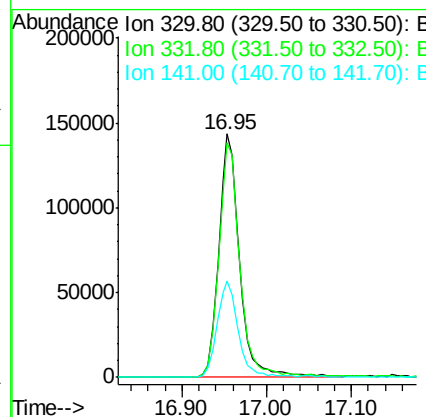
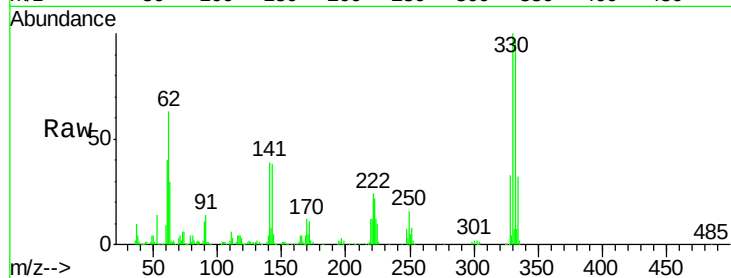




#41
 2,4,6-Tribromophenol
 Concen: 118.587 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

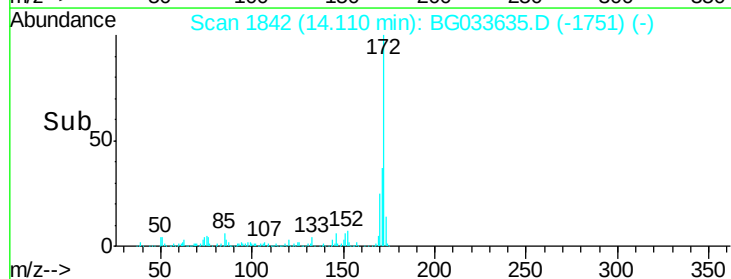
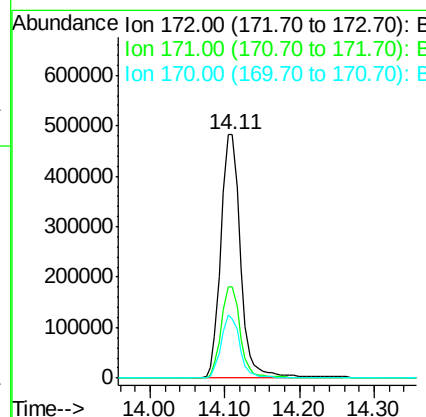
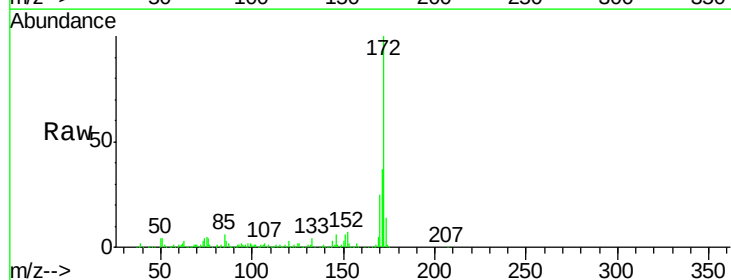
Instrument :
 BNA_G
 ClientSampleId :
 HH-STONE

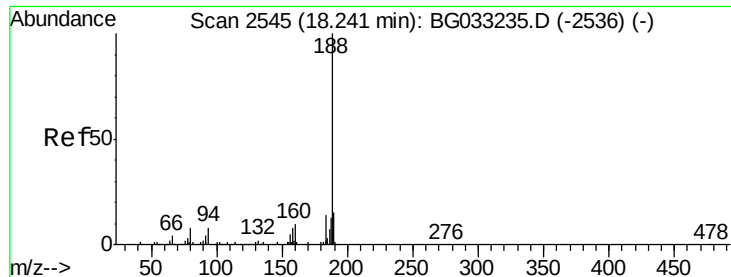
Tot Ion:330 Resp: 249480
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 39.9 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 91.517 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

Tgt Ion:172 Resp: 891703
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.6 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033635.D

Acq: 6 Apr 2018 19:27

Instrument :

BNA_G

ClientSampleId :

HH-STONE

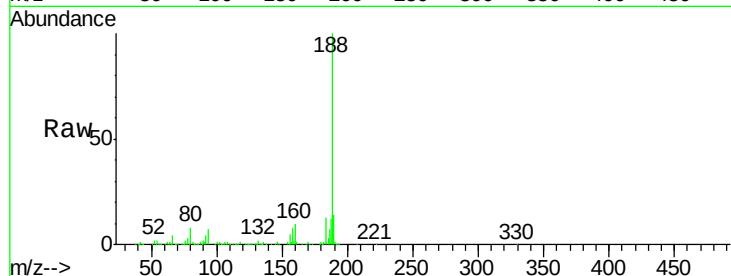
Tot Ion:188 Resp: 353731

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

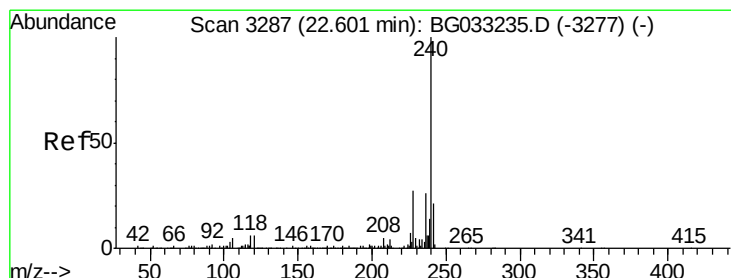
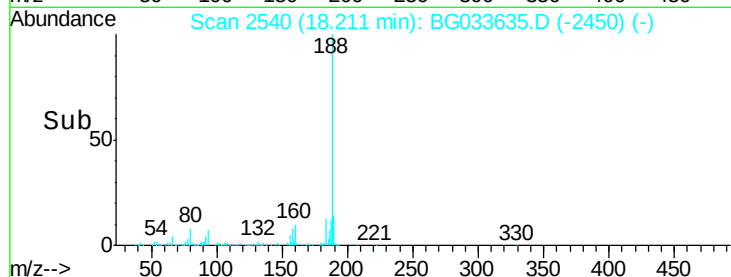
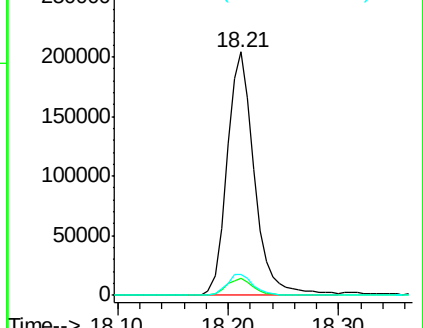
80 8.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033635.D

Acq: 6 Apr 2018 19:27

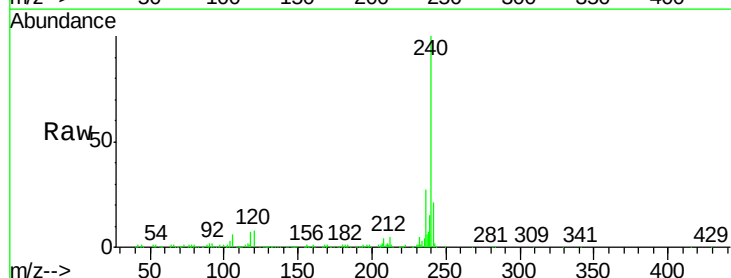
Tgt Ion:240 Resp: 350563

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

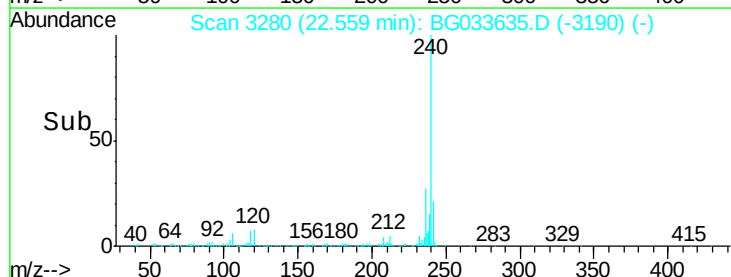
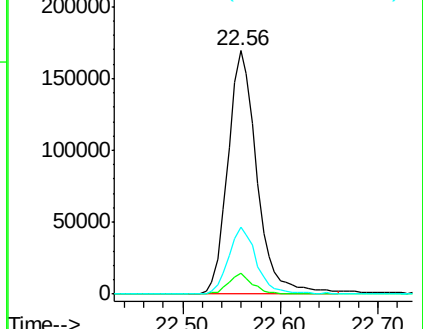
236 27.5 20.9 31.3

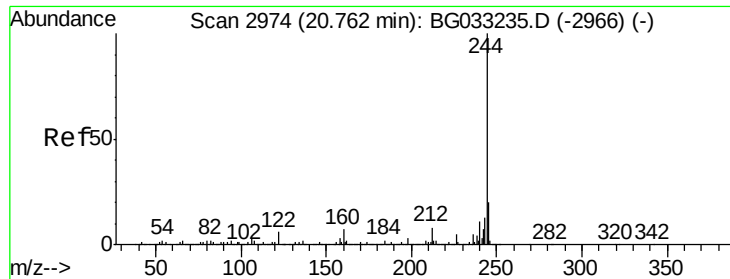


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.895 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033635.D

Acq: 6 Apr 2018 19:27

Instrument :

BNA_G

ClientSampleId :

HH-STONE

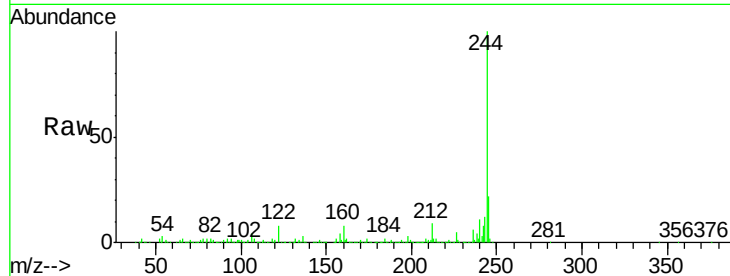
Tot Ion:244 Resp: 1539140

Ion Ratio Lower Upper

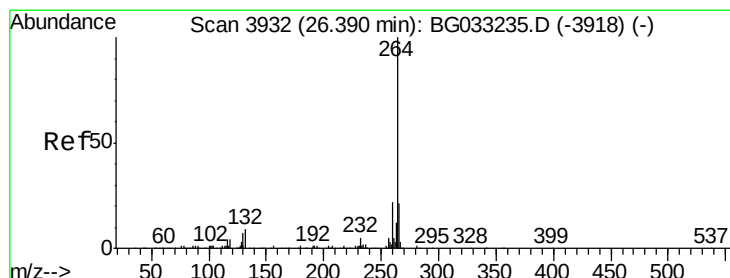
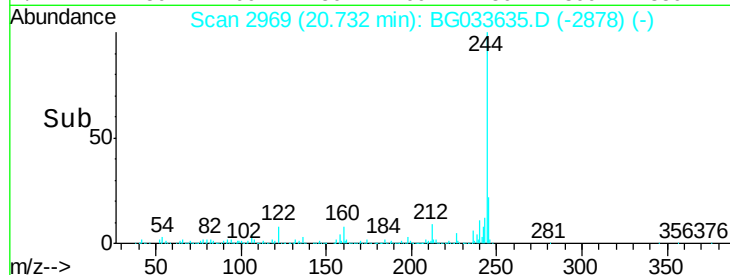
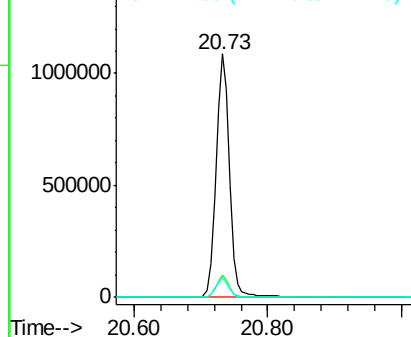
244 100

212 9.0 5.8 8.8#

122 8.1 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: 26.33 min Scan# 3922

Delta R.T. 0.01 min

Lab File: BG033635.D

Acq: 6 Apr 2018 19:27

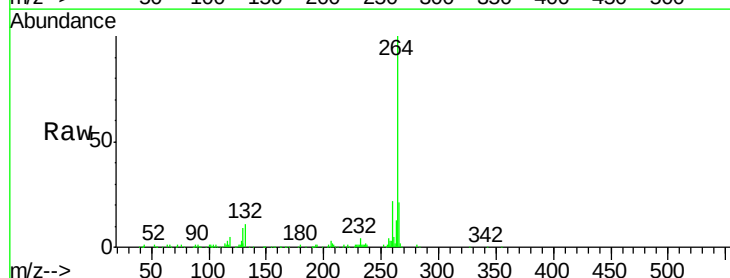
Tgt Ion:264 Resp: 342015

Ion Ratio Lower Upper

264 100

260 22.4 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

