

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036571.D
 Acq On : 6 Sep 2018 16:12
 Operator : JU/SJ
 Sample : J4781-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-STONES

Quant Time: Sep 06 17:24:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61544	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	266483	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	178052	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	460568	20.00	ng	0.00
75) Chrysene-d12	21.69	240	486739	20.00	ng	0.00
86) Perylene-d12	24.90	264	469317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	421308	108.59	ng	0.00
7) Phenol-d6	7.21	99	536374	96.56	ng	0.00
23) Nitrobenzene-d5	9.22	82	412825	84.05	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	278937	131.29	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	925354	74.21	ng	0.00
78) Terphenyl-d14	20.03	244	1703538	81.80	ng	0.00

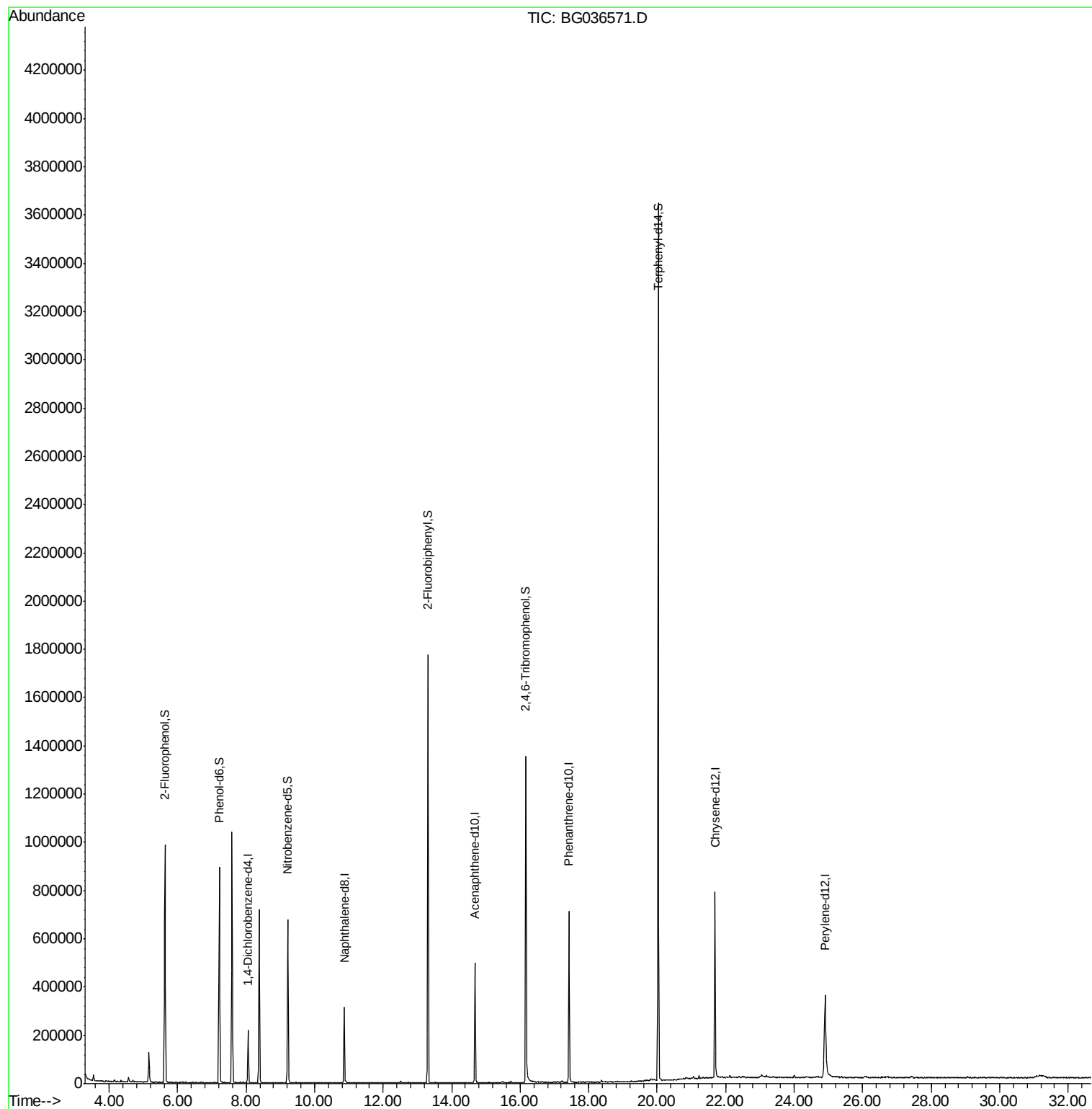
Target Compounds Qvalue

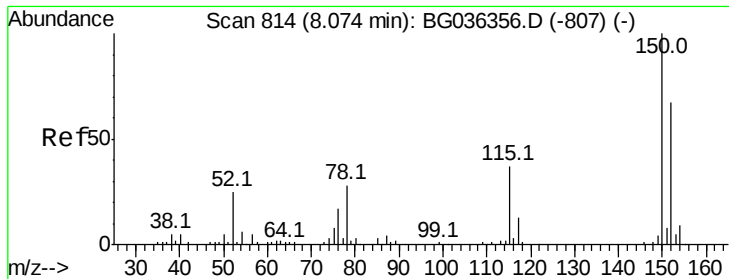
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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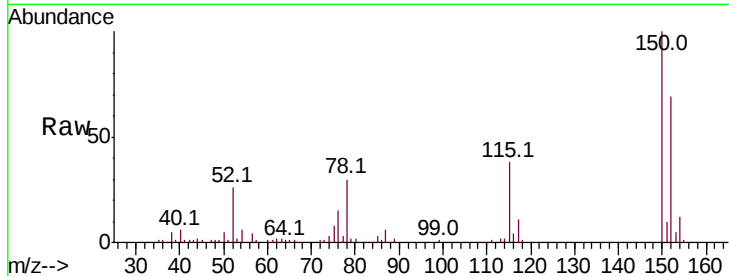


#1

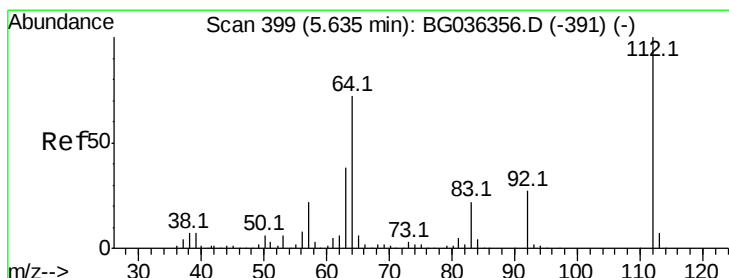
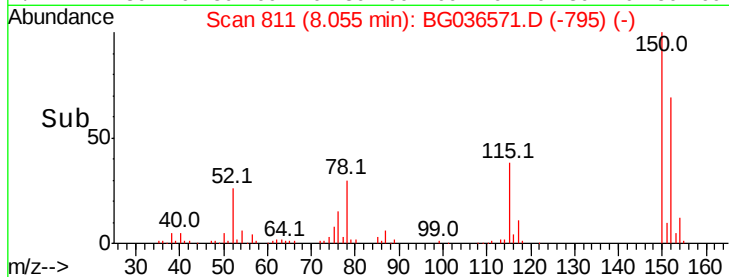
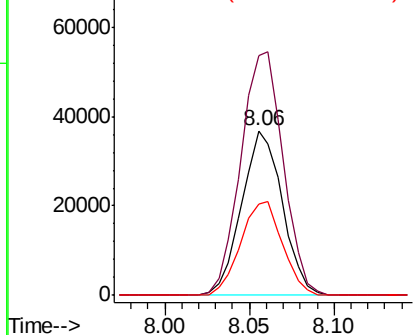
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036571.D
 Acq: 6 Sep 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :
 BS-STONES

Tot Ion:152 Resp: 61544
 Ion Ratio Lower Upper
 152 100
 150 145.7 119.5 179.3
 115 55.8 44.5 66.7



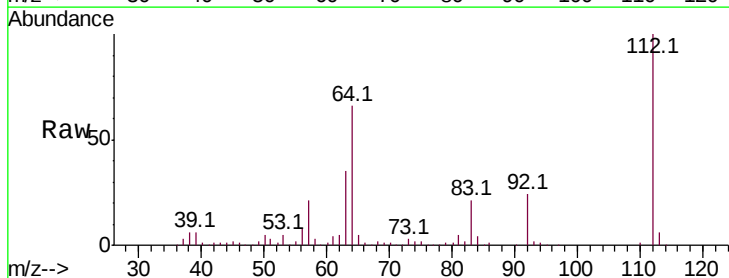
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



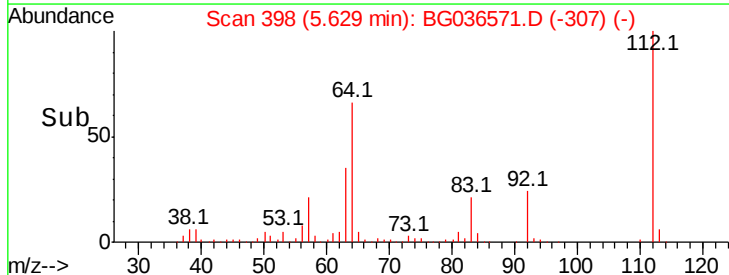
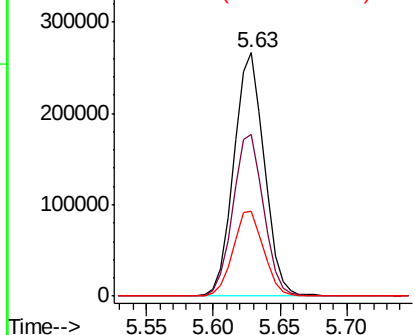
#5

2-Fluorophenol
 Concen: 108.592 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036571.D
 Acq: 6 Sep 2018 16:12

Tgt Ion:112 Resp: 421308
 Ion Ratio Lower Upper
 112 100
 64 66.2 57.2 85.8
 63 35.0 30.8 46.2



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: 96.560 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036571.D

Acq: 6 Sep 2018 16:12

Instrument :

BNA_G

ClientSampleId :

BS-STONES

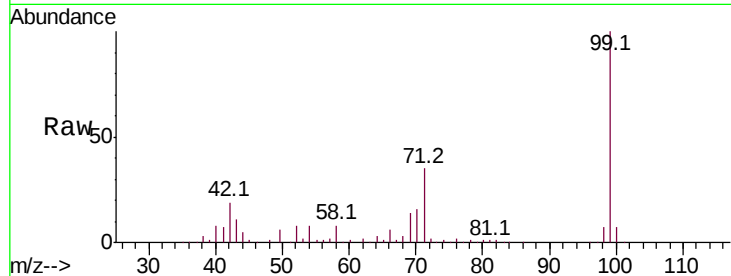
Tot Ion: 99 Resp: 536374

Ion Ratio Lower Upper

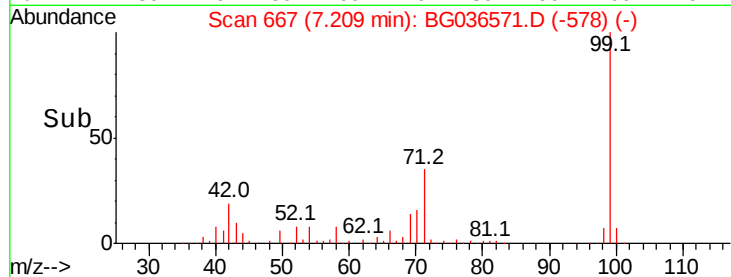
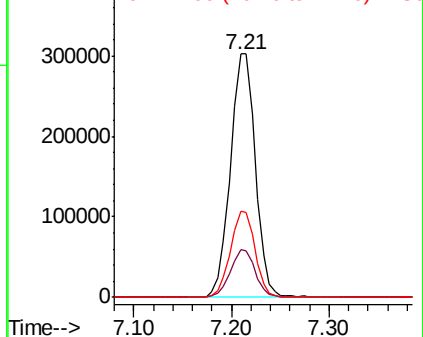
99 100

42 19.5 16.5 24.7

71 35.2 29.4 44.2



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: BG036571.D

Acq: 6 Sep 2018 16:12

Tgt Ion:136 Resp: 266483

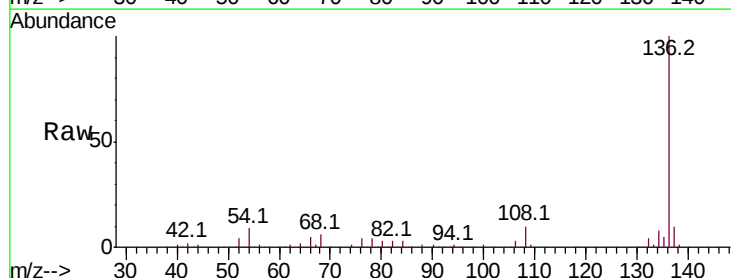
Ion Ratio Lower Upper

136 100

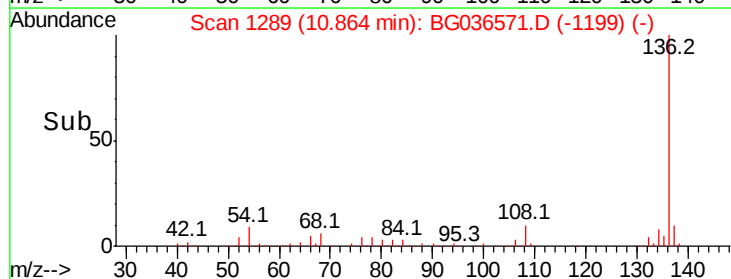
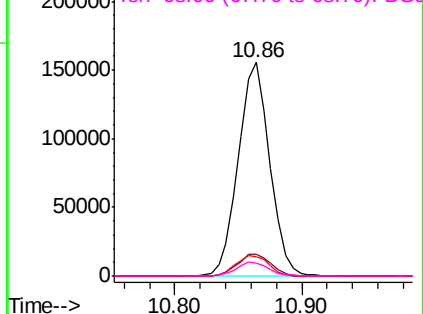
137 10.2 8.8 13.2

54 9.0 9.2 13.8#

68 6.0 5.8 8.6



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

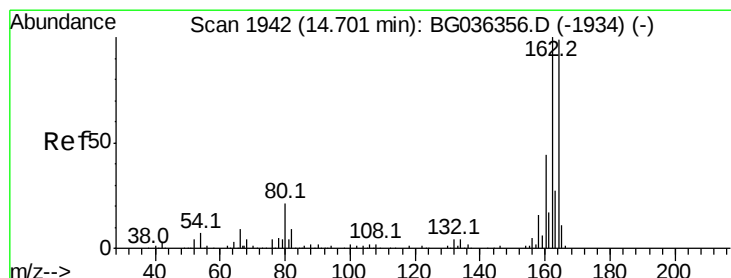
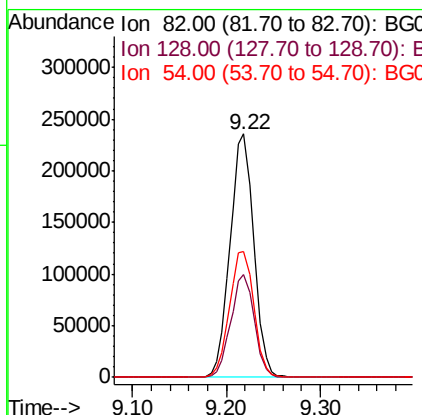
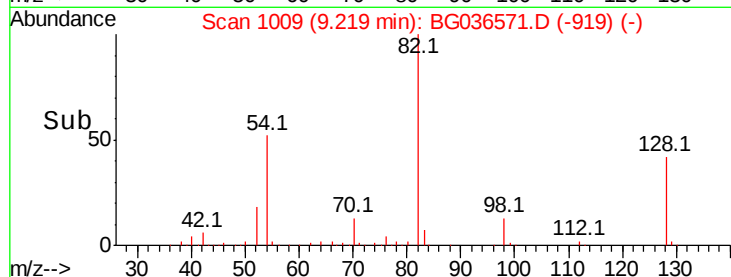
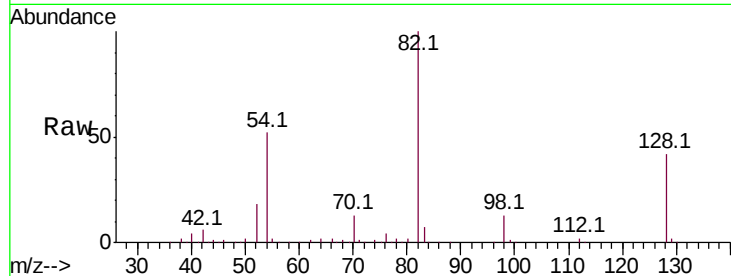




#23
Nitrobenzene-d5
Concen: 84.052 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

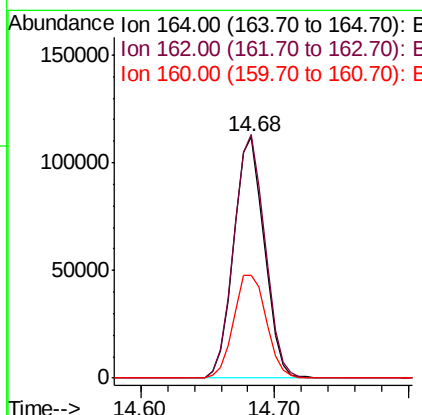
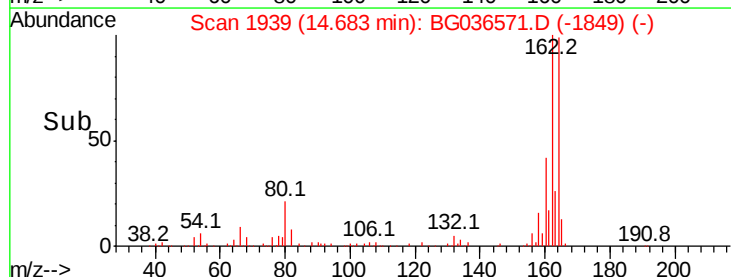
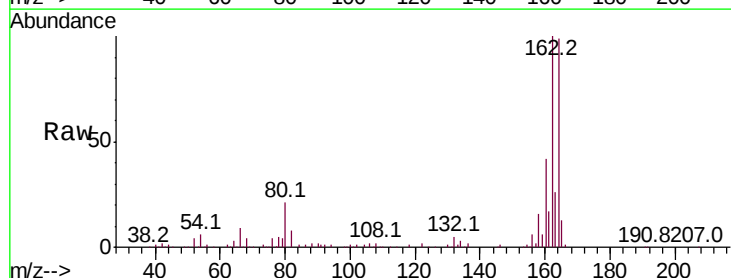
Instrument :
BNA_G
ClientSampleId :
BS-STONES

Tot Ion: 82 Resp: 412825
Ion Ratio Lower Upper
82 100
128 42.5 33.3 49.9
54 51.9 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

Tgt Ion:164 Resp: 178052
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 42.7 35.3 52.9

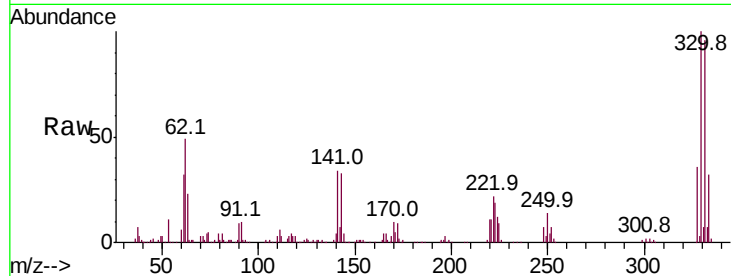




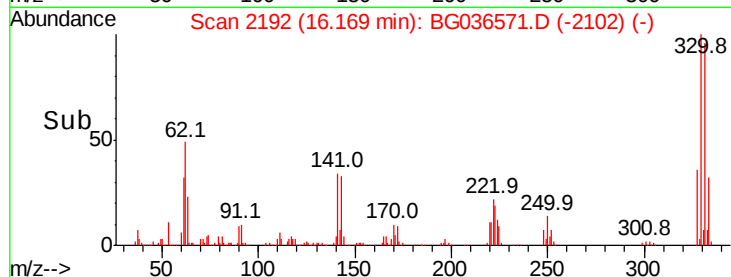
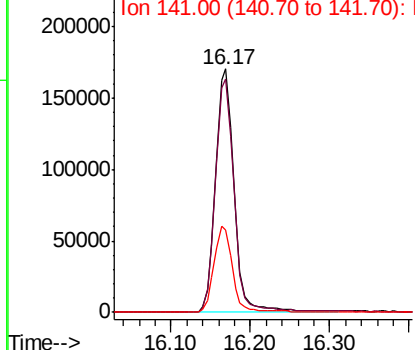
#41
 2,4,6-Tribromophenol
 Concen: 131.292 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036571.D
 Acq: 6 Sep 2018 16:12

Instrument :
 BNA_G
 ClientSampleId :
 BS-STONES

Tot Ion:330 Resp: 278937
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.4 113.2
 141 35.1 30.7 46.1

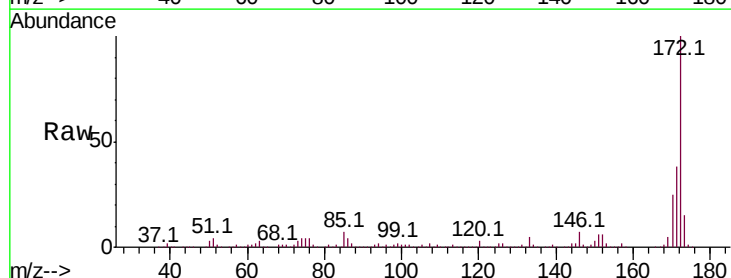


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

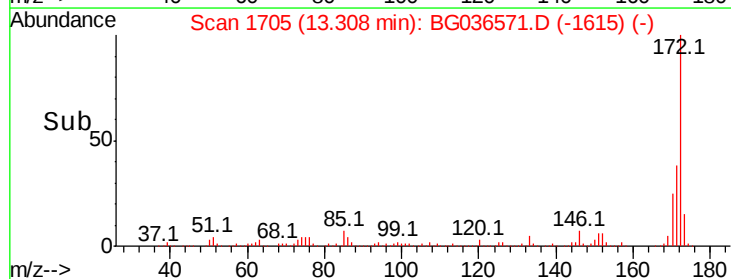
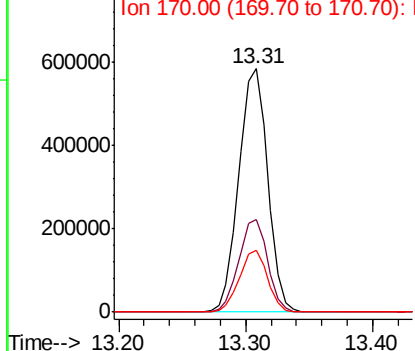


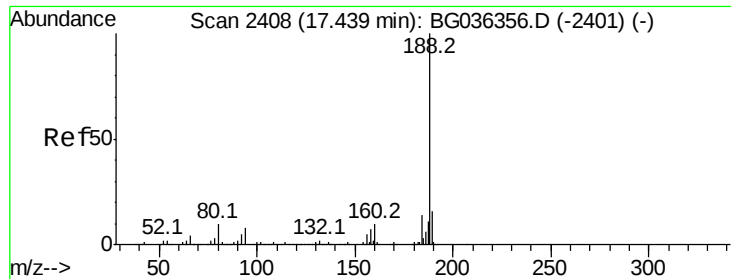
#44
 2-Fluorobiphenyl
 Concen: 74.205 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036571.D
 Acq: 6 Sep 2018 16:12

Tgt Ion:172 Resp: 925354
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.2 21.0 31.6



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

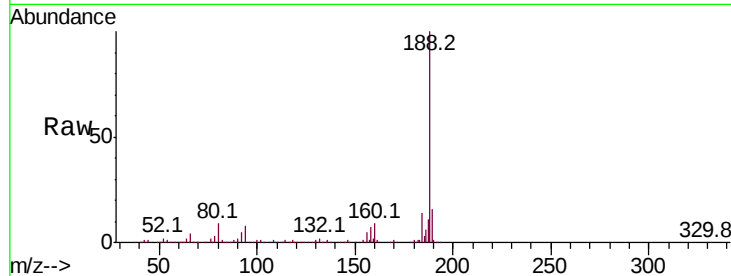




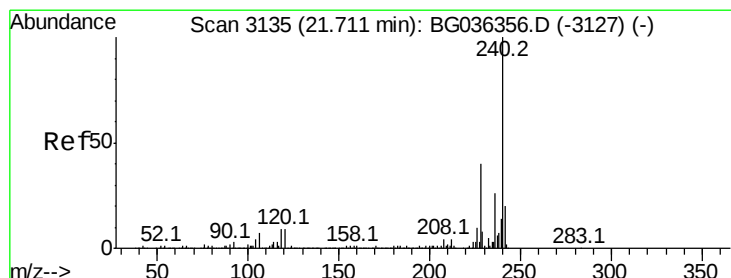
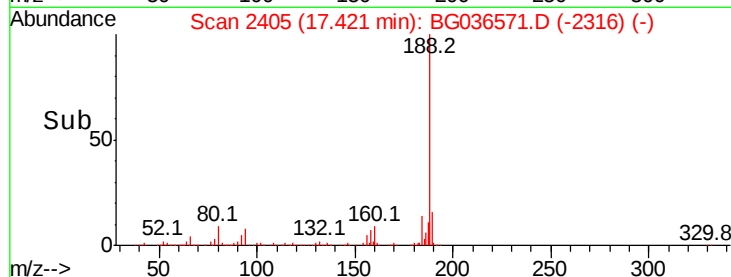
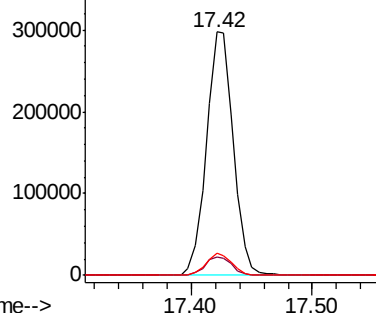
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

Instrument :
BNA_G
ClientSampleId :
BS-STONES

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.0	8.1	12.1

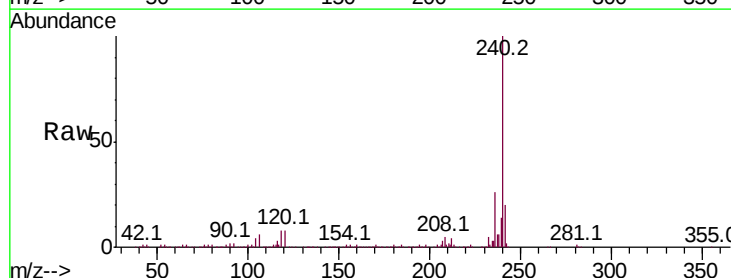


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

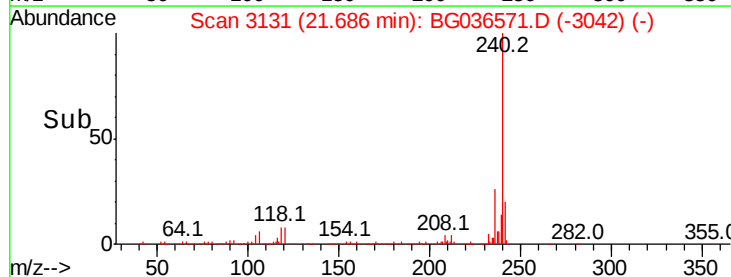
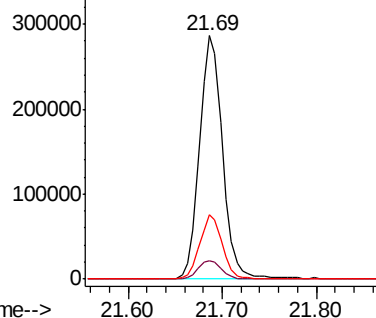


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.9	10.3
236	26.3	21.2	31.8



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: 81.805 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036571.D

Acq: 6 Sep 2018 16:12

Instrument :

BNA_G

ClientSampleId :

BS-STONES

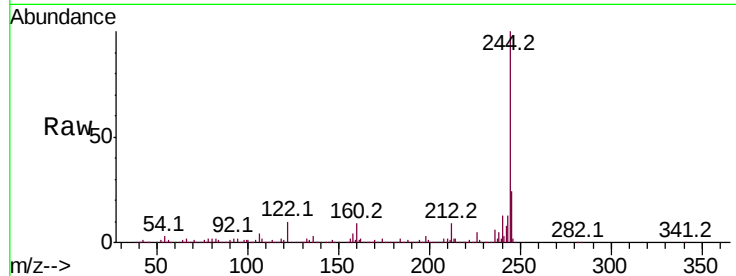
Tot Ion:244 Resp: 1703538

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

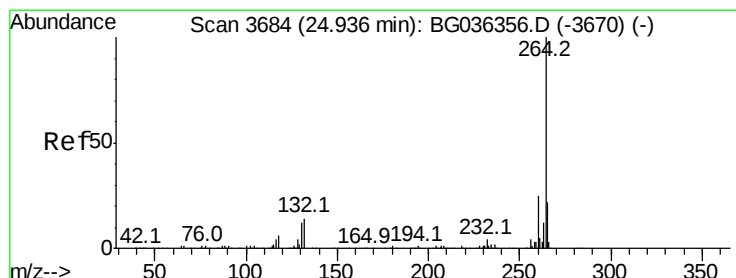
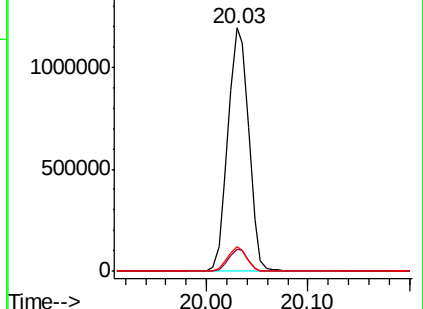
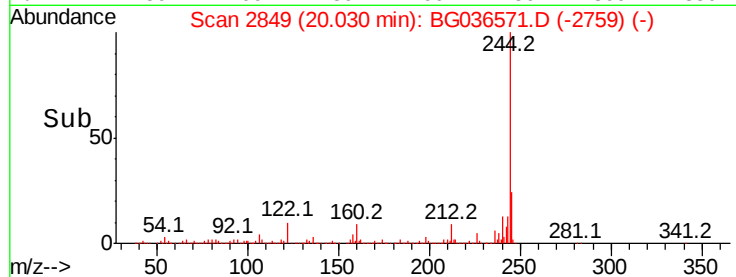
122 10.0 7.1 10.7



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# 3678

Delta R.T. -0.00 min

Lab File: BG036571.D

Acq: 6 Sep 2018 16:12

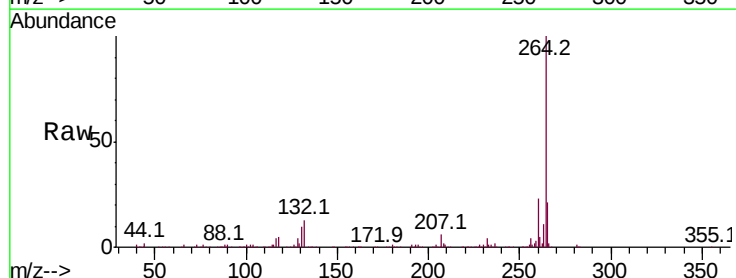
Tgt Ion:264 Resp: 469317

Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 20.9 17.4 26.0



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

