

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036518.D
 Acq On : 31 Aug 2018 23:41
 Operator : JU/SJ
 Sample : J4270-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018

Quant Time: Sep 01 02:18:14 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	59916	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	243786	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	163473	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	436709	20.00	ng	0.00
75) Chrysene-d12	21.69	240	472240	20.00	ng	0.00
86) Perylene-d12	24.90	264	432449	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	397322	105.19	ng	0.00
7) Phenol-d6	7.21	99	509474	94.21	ng	0.00
23) Nitrobenzene-d5	9.22	82	367483	81.79	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	259687	133.13	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	870240	76.01	ng	0.00
78) Terphenyl-d14	20.03	244	1598069	79.10	ng	0.00

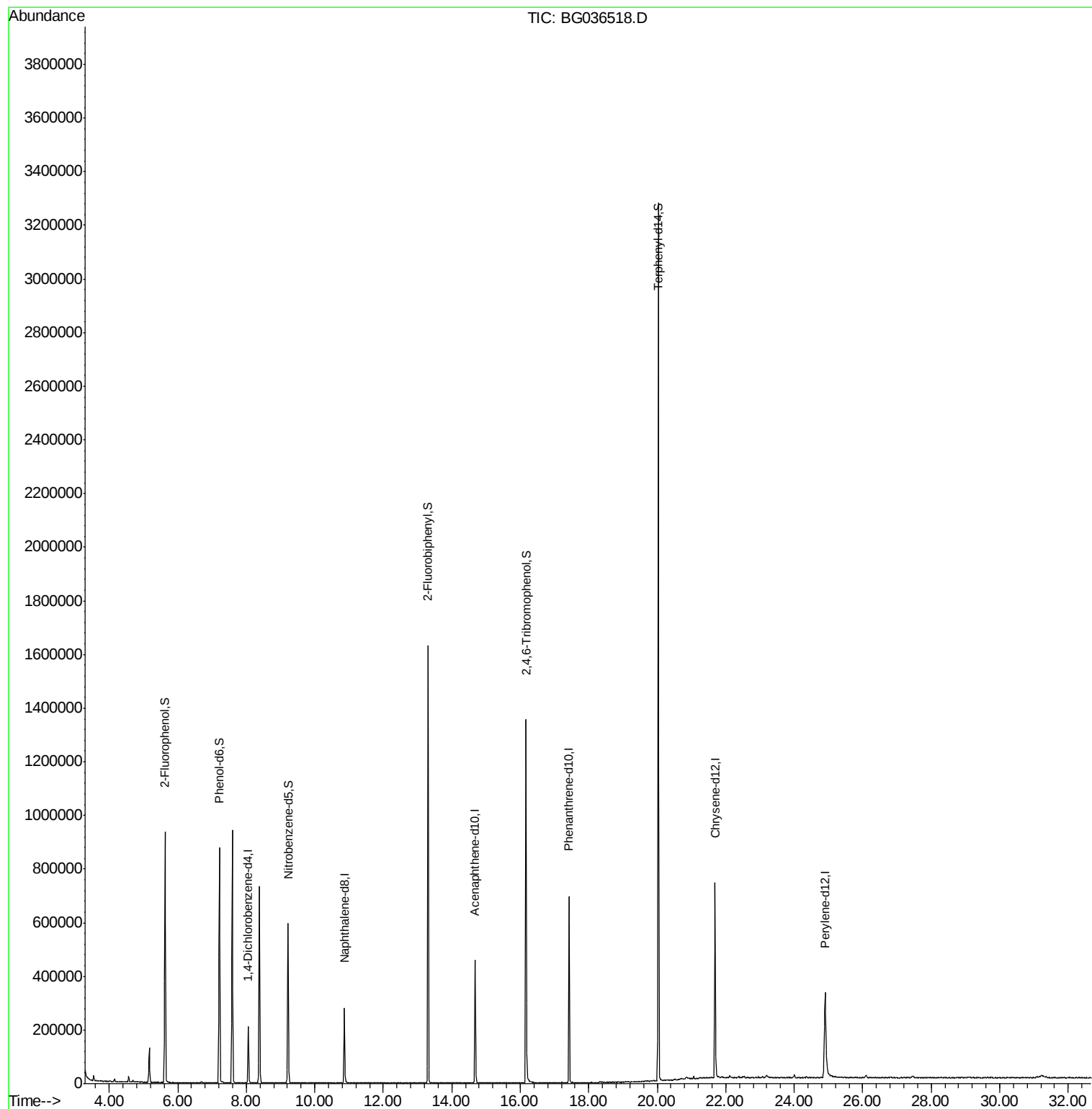
Target Compounds Qvalue

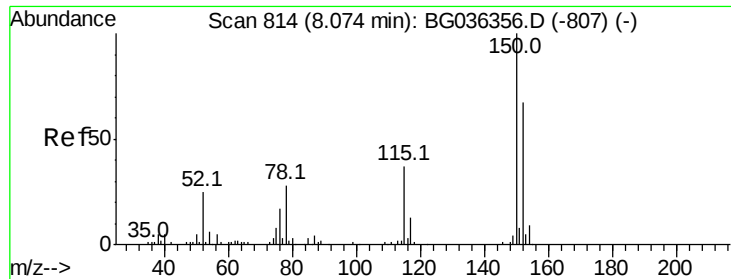
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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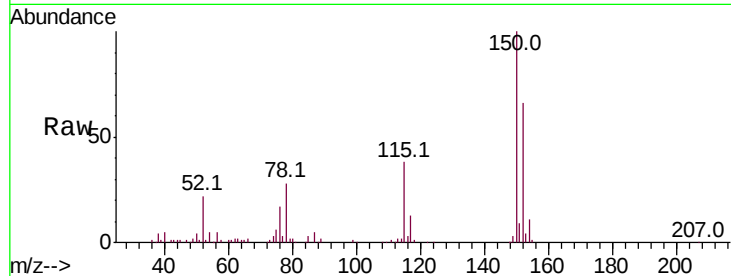


#1

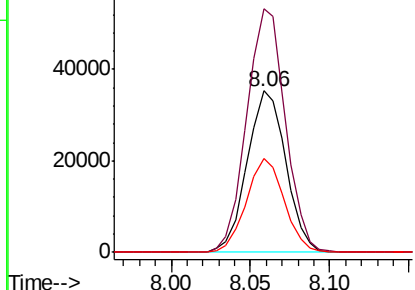
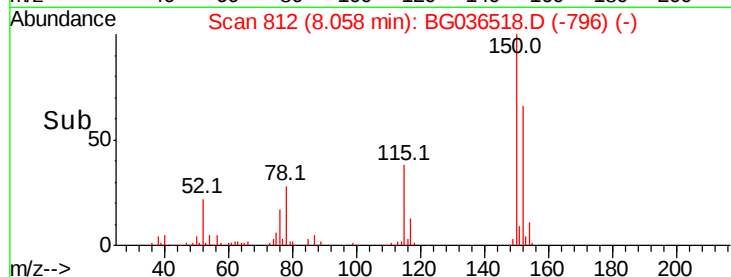
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036518.D
Acq: 31 Aug 2018 23:41

Instrument :
BNA_G
ClientSampleId :
BU-02-083018

Tot Ion:152 Resp: 59916
Ion Ratio Lower Upper
152 100
150 150.6 119.5 179.3
115 57.8 44.5 66.7



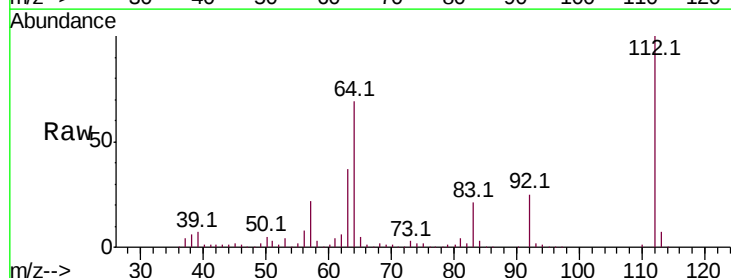
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



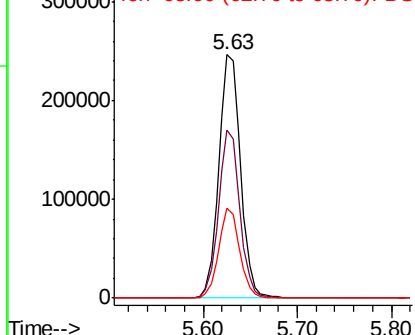
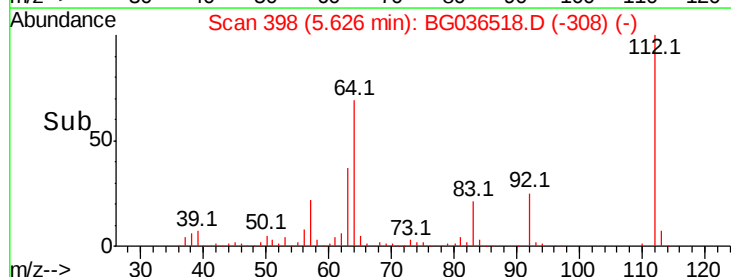
#5

2-Fluorophenol
Concen: 105.192 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036518.D
Acq: 31 Aug 2018 23:41

Tgt Ion:112 Resp: 397322
Ion Ratio Lower Upper
112 100
64 68.9 57.2 85.8
63 36.9 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: 94.210 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036518.D

Acq: 31 Aug 2018 23:41

Instrument :

BNA_G

ClientSampleId :

BU-02-083018

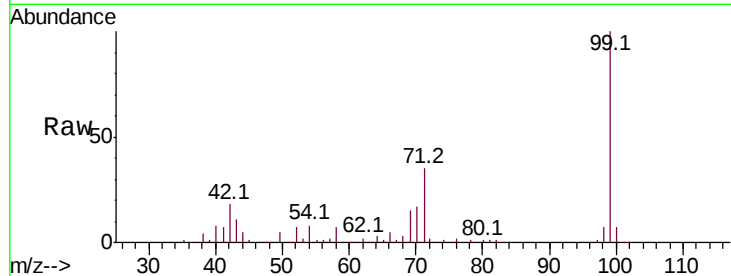
Tot Ion: 99 Resp: 509474

Ion Ratio Lower Upper

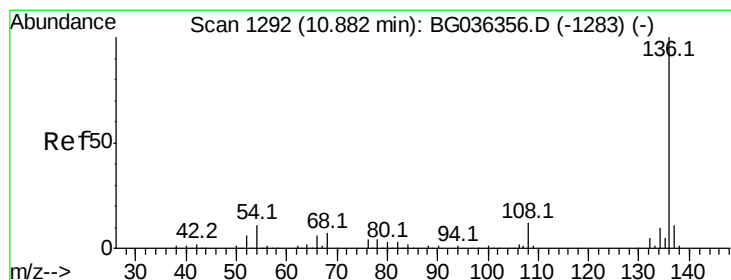
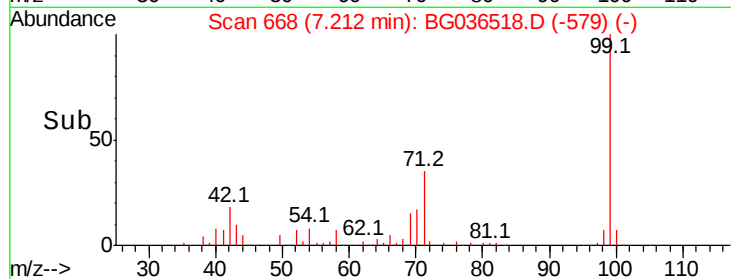
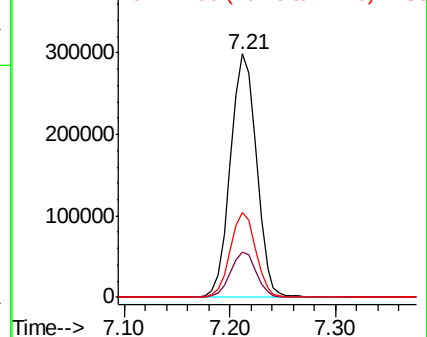
99 100

42 18.4 16.5 24.7

71 35.1 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: 10.87 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BG036518.D

Acq: 31 Aug 2018 23:41

Tgt Ion: 136 Resp: 243786

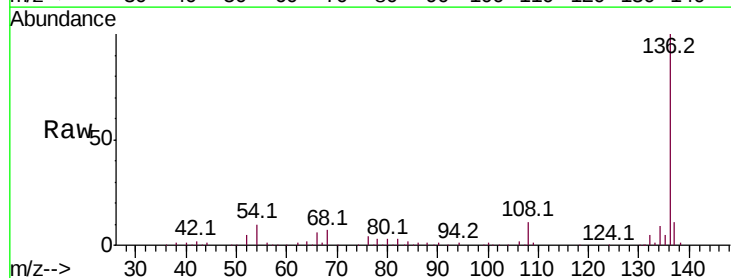
Ion Ratio Lower Upper

136 100

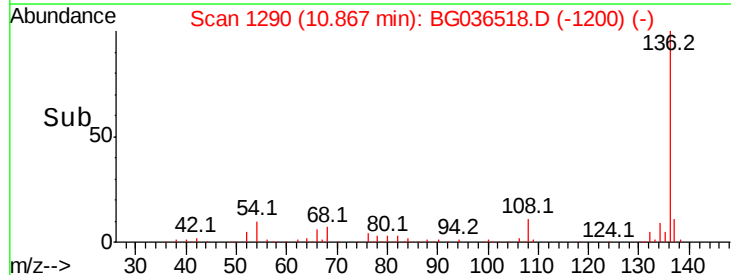
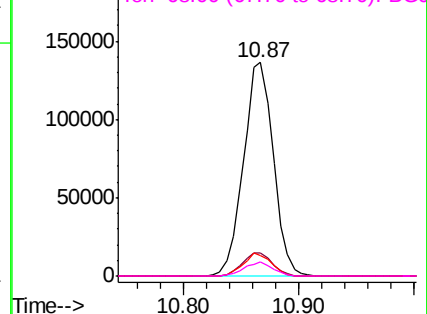
137 10.7 8.8 13.2

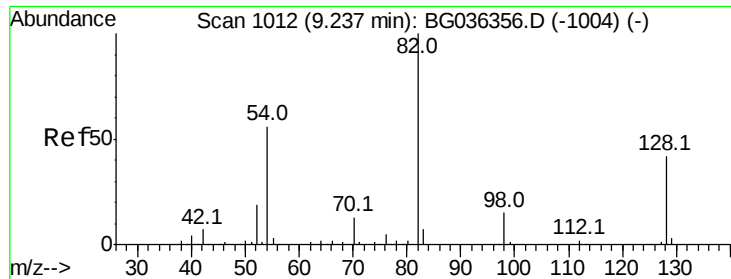
54 9.5 9.2 13.8

68 6.7 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

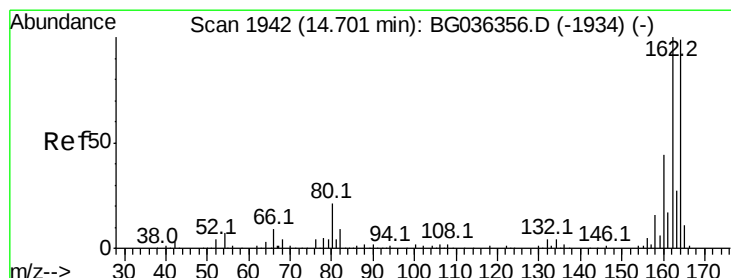
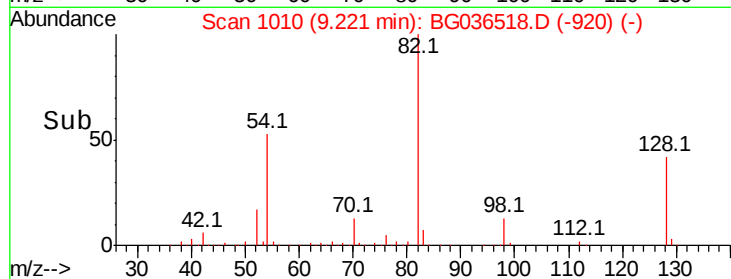
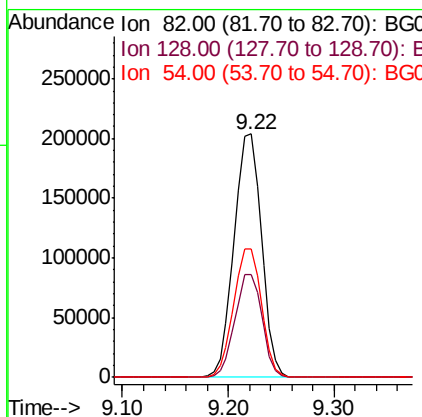
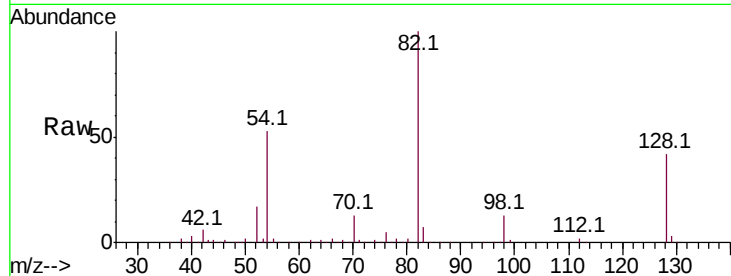




#23
 Nitrobenzene-d5
 Concen: 81.787 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG036518.D
 Acq: 31 Aug 2018 23:41

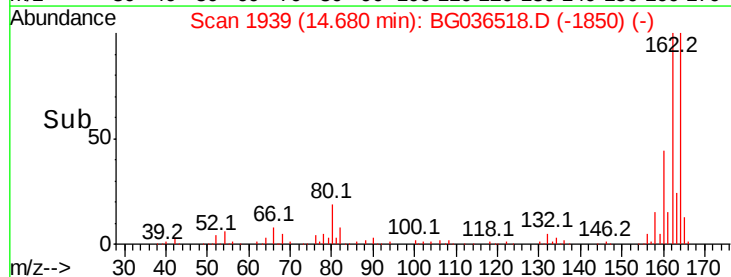
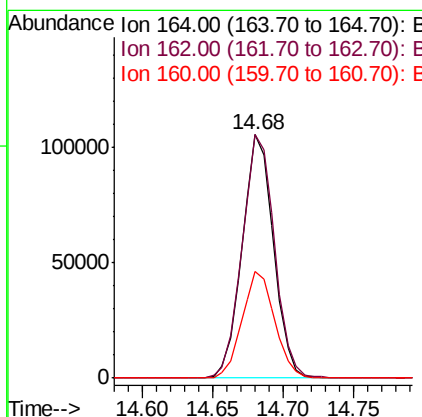
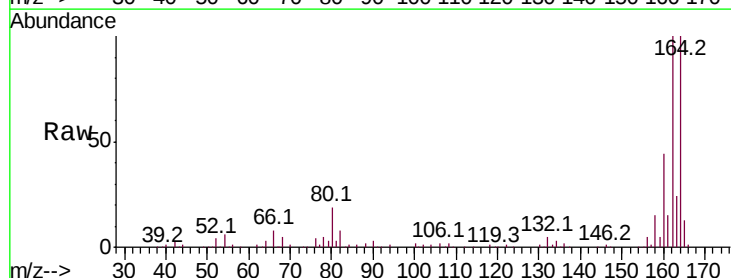
Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018

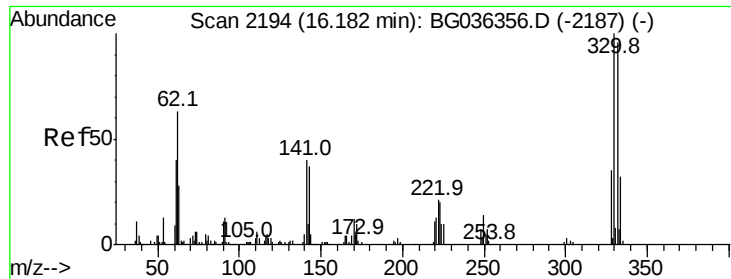
Tot Ion	82	Resp	367483
Ion Ratio	Lower	Upper	
82	100		
128	42.3	33.3	49.9
54	53.0	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG036518.D
 Acq: 31 Aug 2018 23:41

Tgt Ion	164	Resp	163473
Ion Ratio	Lower	Upper	
164	100		
162	100.2	80.7	121.1
160	43.8	35.3	52.9

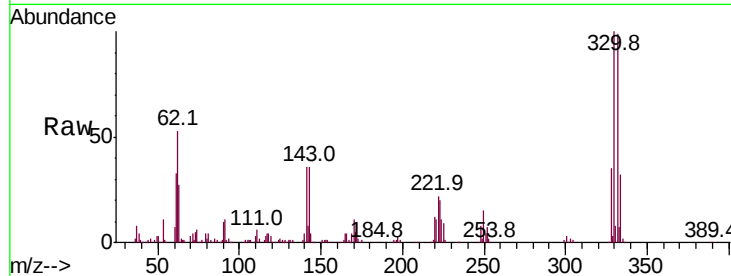




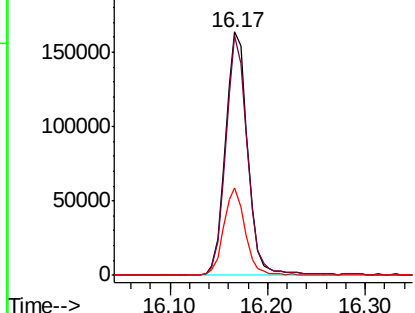
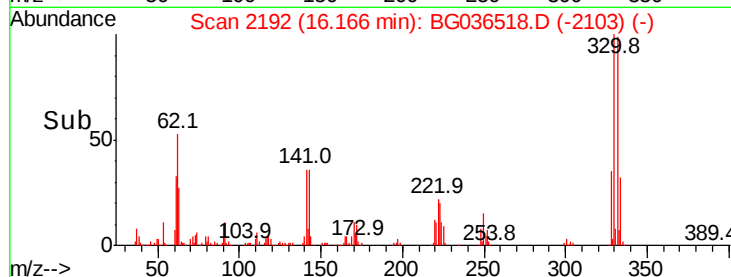
#41
 2,4,6-Tribromophenol
 Concen: 133.132 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036518.D
 Acq: 31 Aug 2018 23:41

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-083018

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	34.9	30.7	46.1

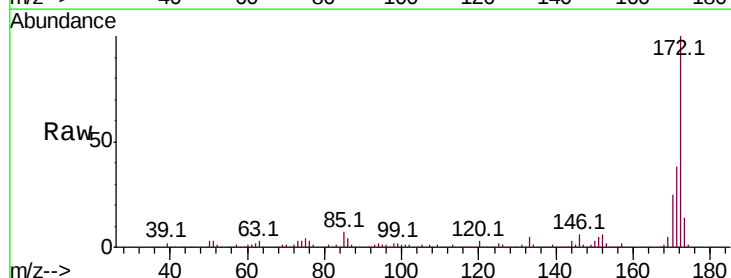


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

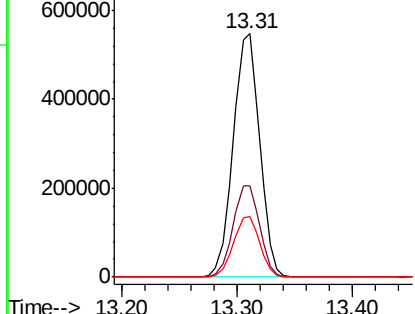
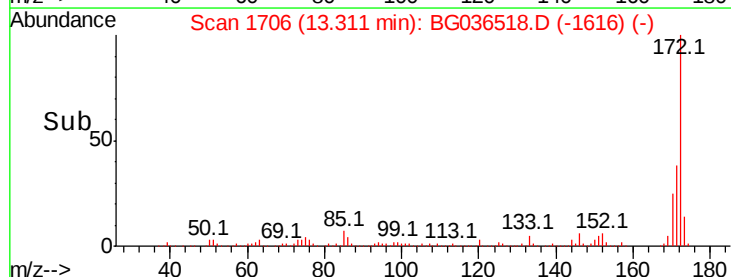


#44
 2-Fluorobiphenyl
 Concen: 76.009 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG036518.D
 Acq: 31 Aug 2018 23:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	24.7	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

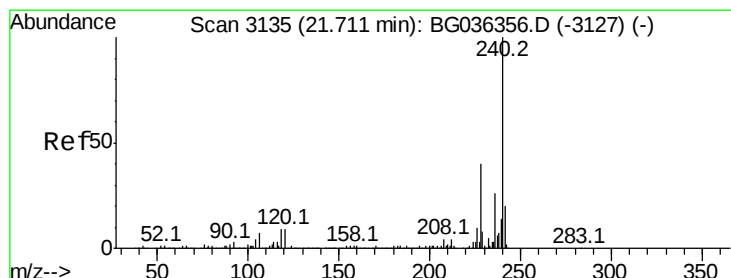
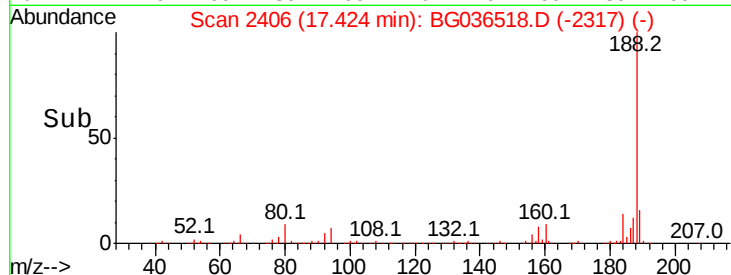
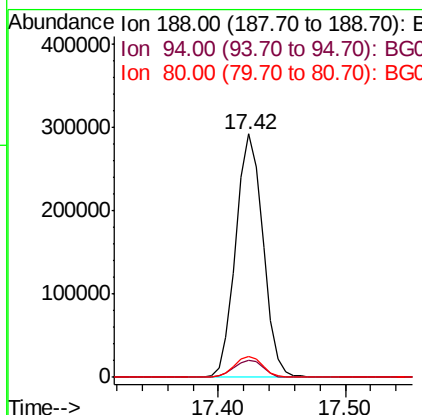
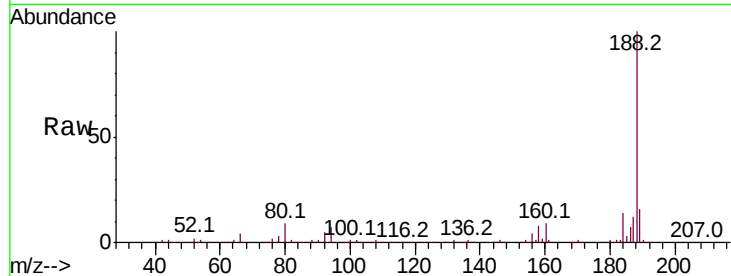




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036518.D
Acq: 31 Aug 2018 23:41

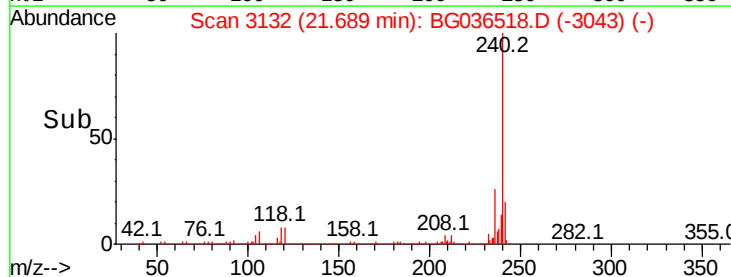
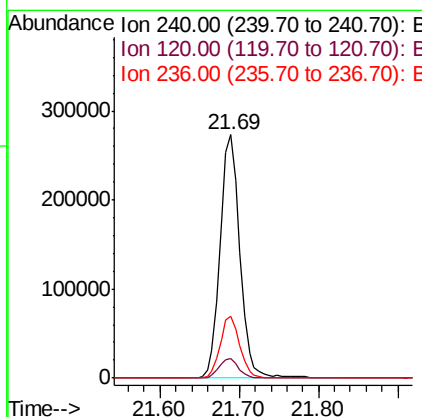
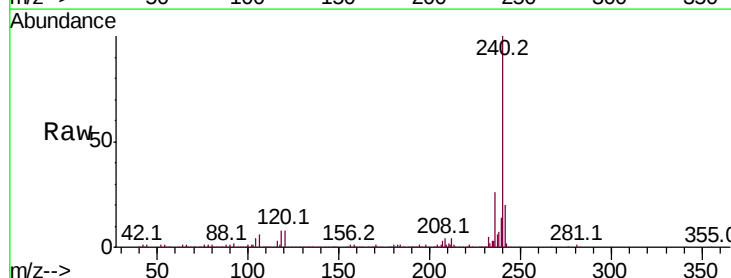
Instrument :
BNA_G
ClientSampleId :
BU-02-083018

Tot Ion:188 Resp: 436709
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.5 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036518.D
Acq: 31 Aug 2018 23:41

Tgt Ion:240 Resp: 472240
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.5 21.2 31.8





#78

Terphenyl-d14

Concen: 79.096 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036518.D

Acq: 31 Aug 2018 23:41

Instrument :

BNA_G

ClientSampled :

BU-02-083018

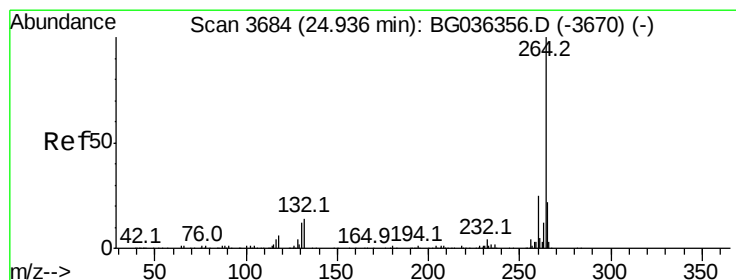
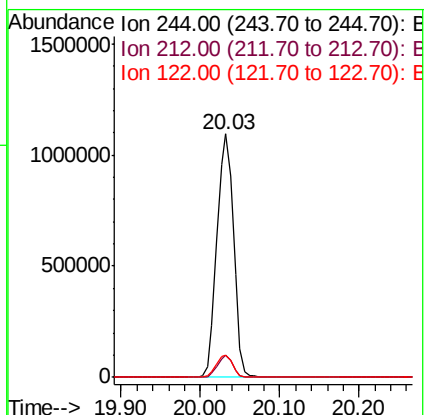
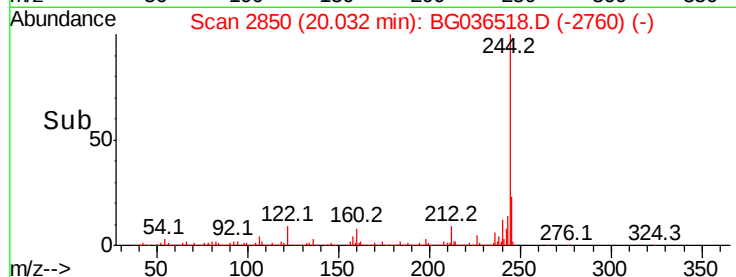
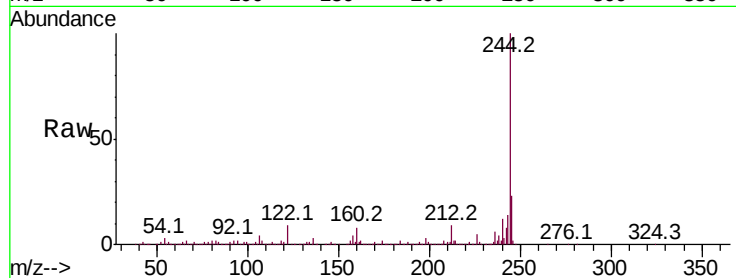
Tot Ion:244 Resp: 1598069

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

122 9.3 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG036518.D

Acq: 31 Aug 2018 23:41

Tgt Ion:264 Resp: 432449

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 22.9 17.4 26.0

