

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036444.D
 Acq On : 28 Aug 2018 00:32
 Operator : JU/SJ
 Sample : J4270-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-082318

Quant Time: Aug 28 03:47:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63580	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	264581	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	170661	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	431542	20.00	ng	0.00
75) Chrysene-d12	21.70	240	463209	20.00	ng	-0.01
86) Perylene-d12	24.91	264	463412	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	389888	97.28	ng	0.00
7) Phenol-d6	7.22	99	491919	85.72	ng	0.00
23) Nitrobenzene-d5	9.23	82	366419	75.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	237197	116.48	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	863048	72.21	ng	-0.01
78) Terphenyl-d14	20.04	244	1469799	74.17	ng	-0.02

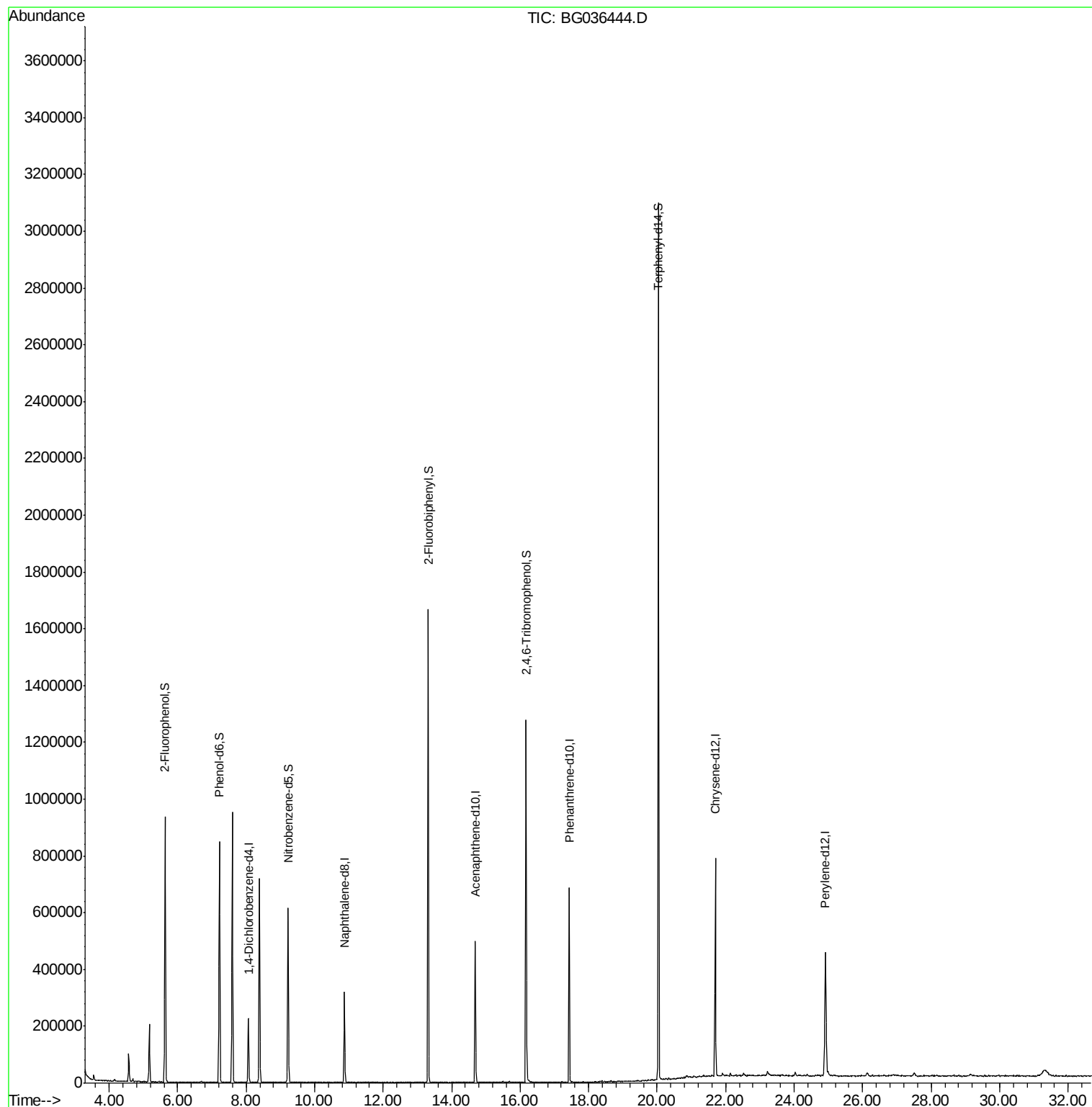
Target Compounds Qvalue

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

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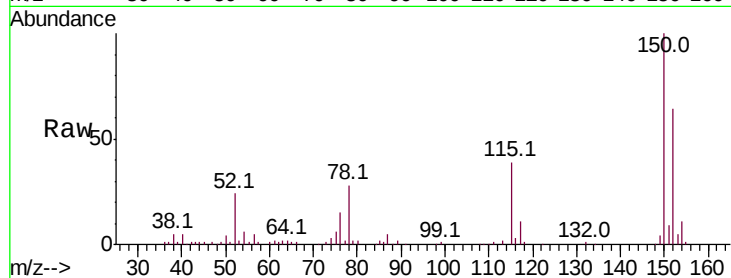


#1

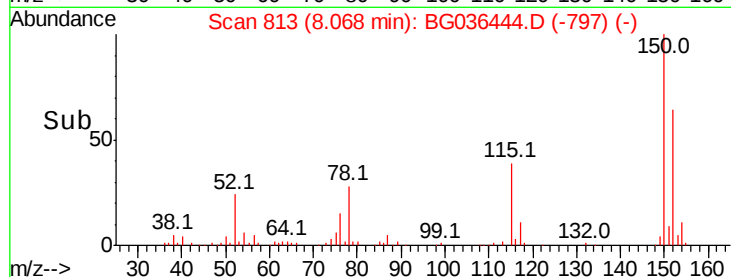
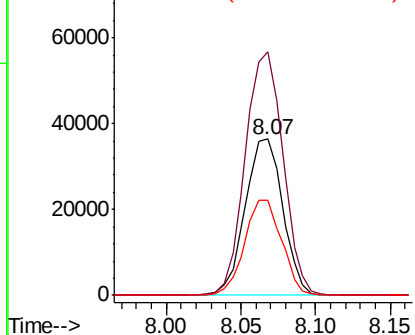
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036444.D
Acq: 28 Aug 2018 00:32

Instrument :
BNA_G
ClientSampleId :
BU-03-082318

Tot Ion:152 Resp: 63580
Ion Ratio Lower Upper
152 100
150 155.6 119.5 179.3
115 60.6 44.5 66.7



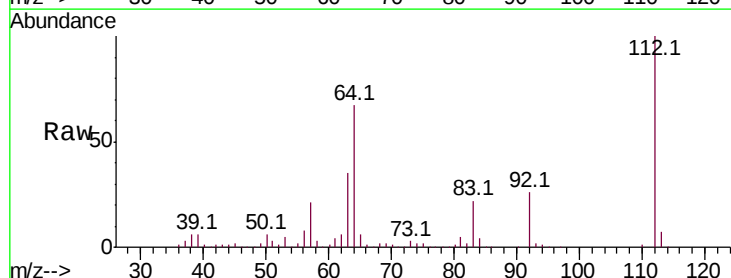
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



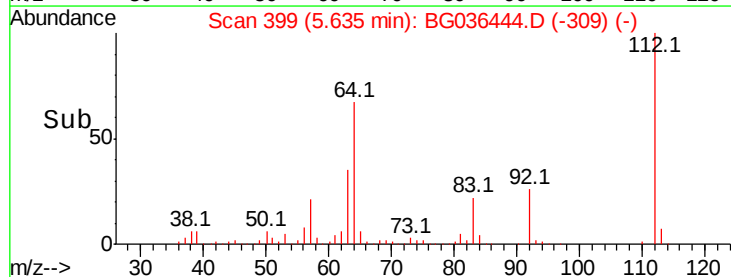
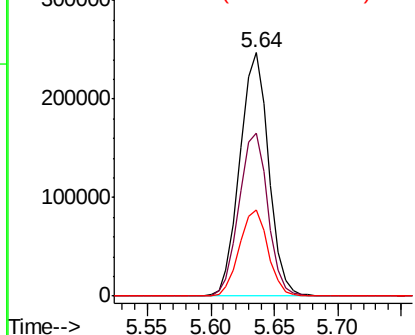
#5

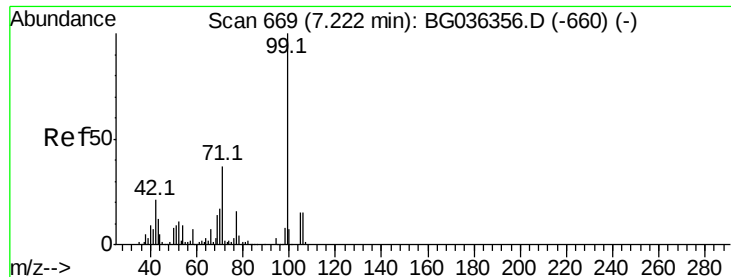
2-Fluorophenol
Concen: 97.275 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG036444.D
Acq: 28 Aug 2018 00:32

Tgt Ion:112 Resp: 389888
Ion Ratio Lower Upper
112 100
64 67.0 57.2 85.8
63 35.5 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: 85.721 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

Instrument :

BNA_G

ClientSampleId :

BU-03-082318

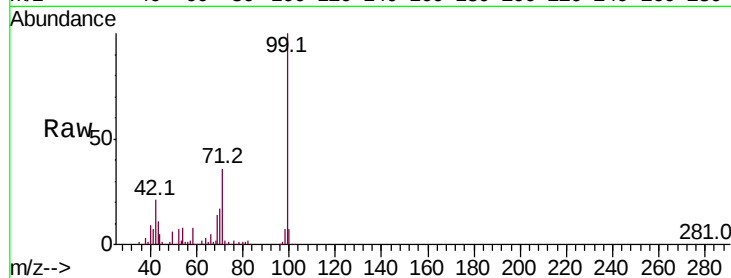
Tot Ion: 99 Resp: 491919

Ion Ratio Lower Upper

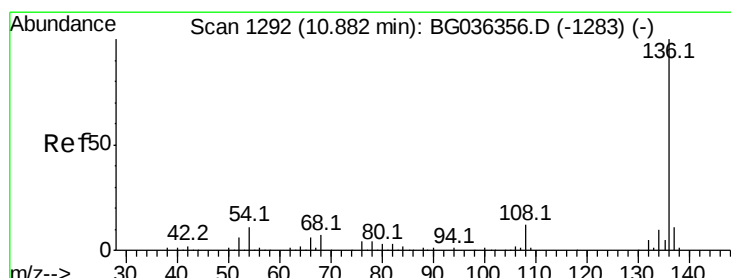
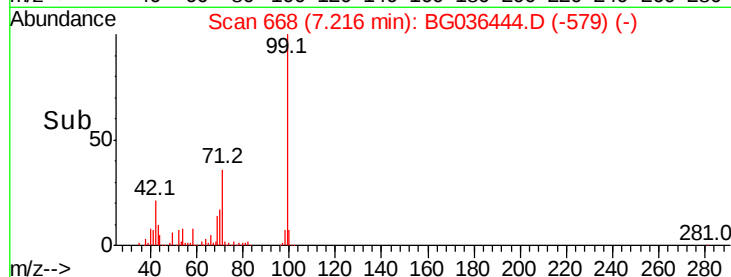
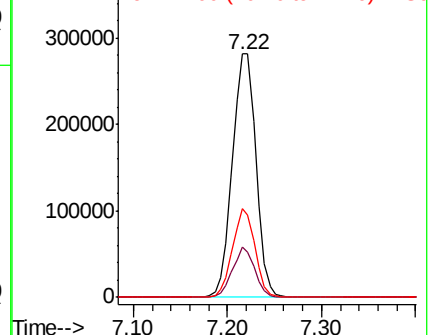
99 100

42 20.7 16.5 24.7

71 36.4 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. -0.01 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

Tgt Ion: 136 Resp: 264581

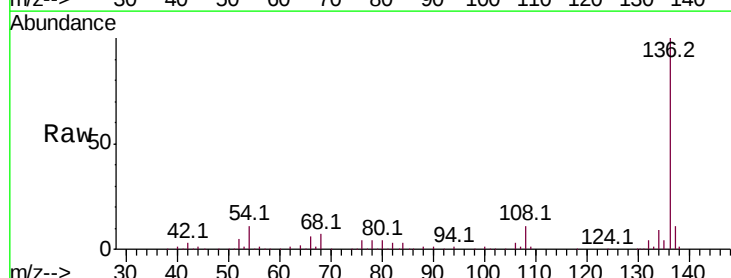
Ion Ratio Lower Upper

136 100

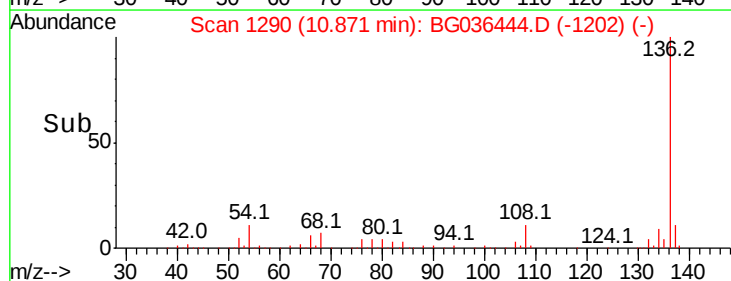
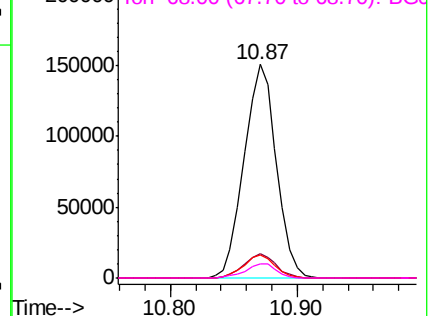
137 11.2 8.8 13.2

54 10.6 9.2 13.8

68 6.7 5.8 8.6



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: 75.140 ng

RT: 9.23 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

Instrument :

BNA_G

ClientSampleId :

BU-03-082318

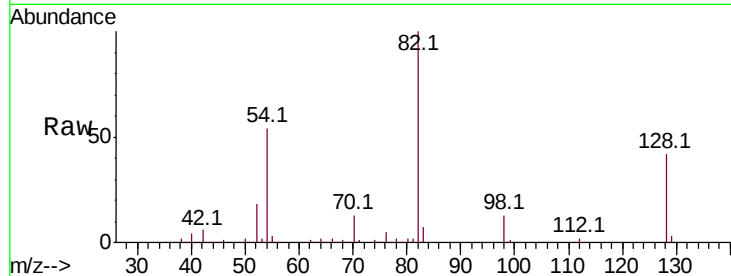
Tot Ion: 82 Resp: 366419

Ion Ratio Lower Upper

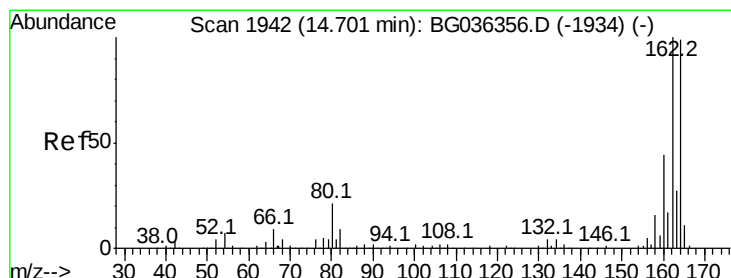
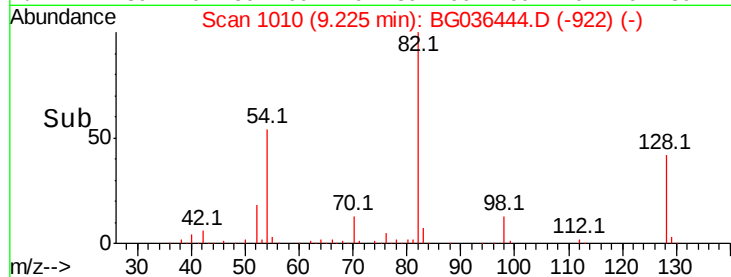
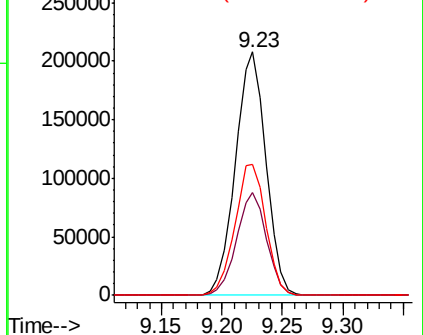
82 100

128 42.5 33.3 49.9

54 53.7 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

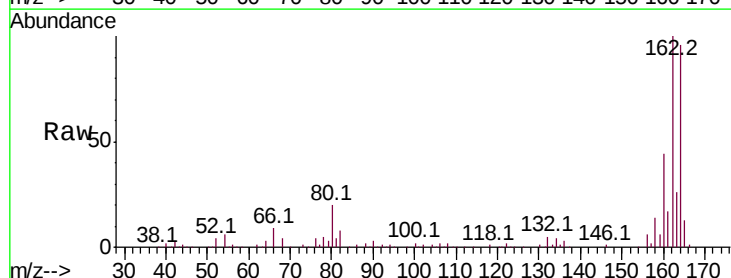
Tgt Ion:164 Resp: 170661

Ion Ratio Lower Upper

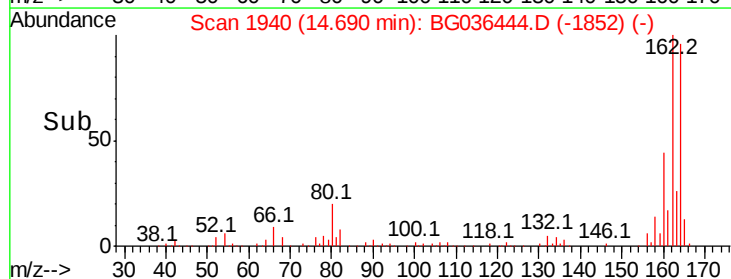
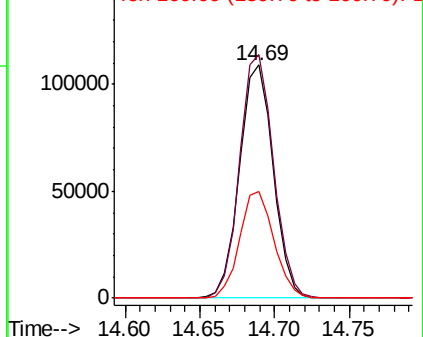
164 100

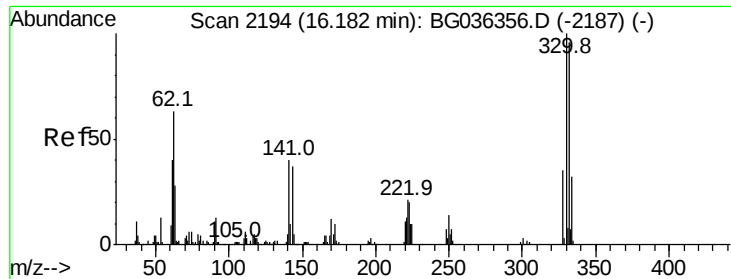
162 104.6 80.7 121.1

160 45.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

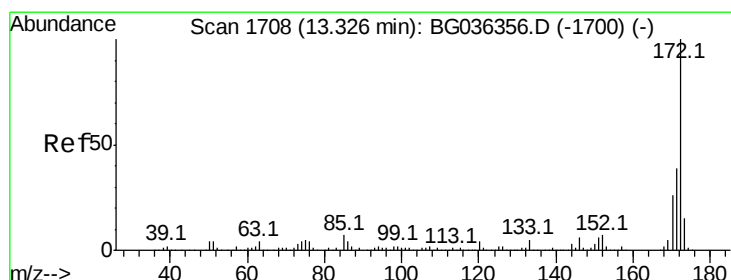
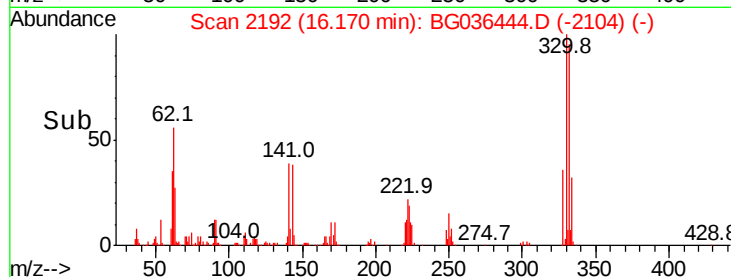
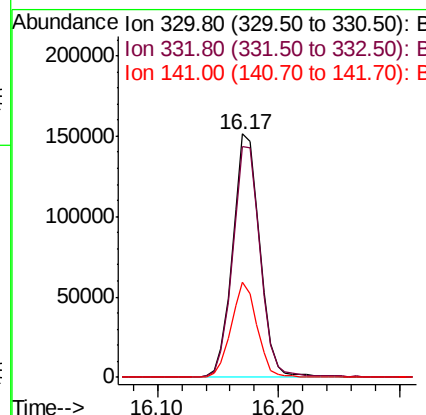
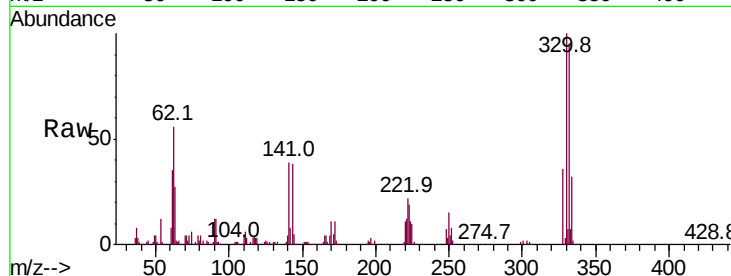




#41
 2,4,6-Tribromophenol
 Concen: 116.480 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036444.D
 Acq: 28 Aug 2018 00:32

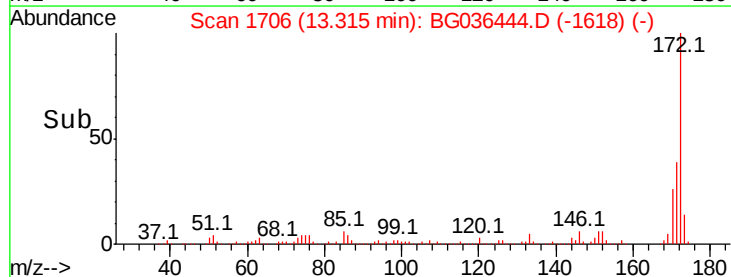
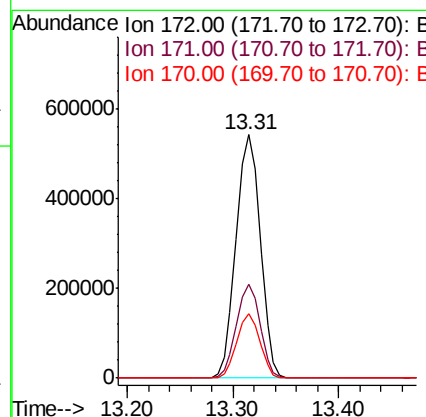
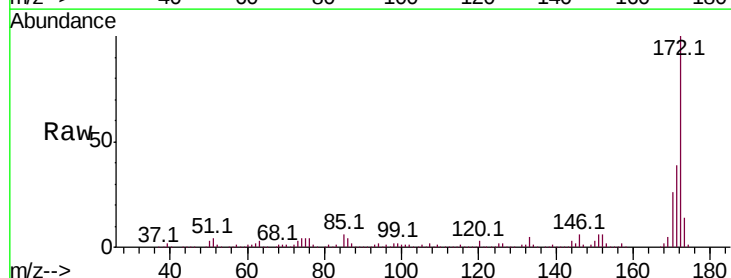
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-082318

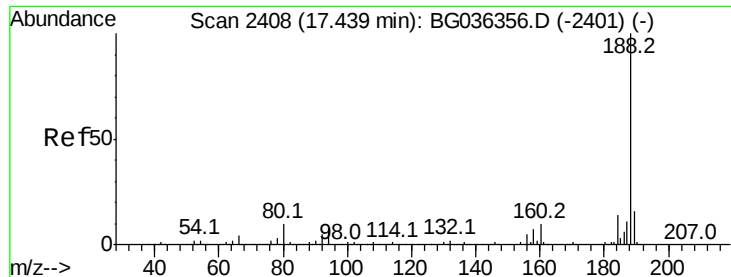
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	37.1	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 72.206 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036444.D
 Acq: 28 Aug 2018 00:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	26.3	21.0	31.6

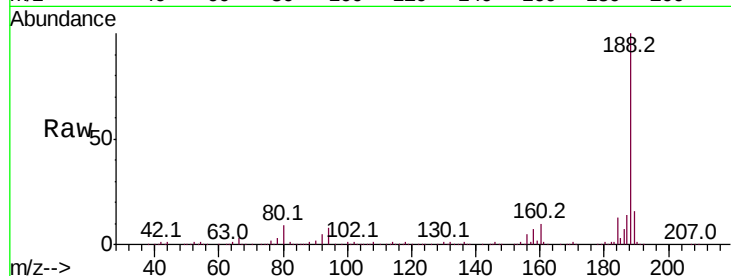




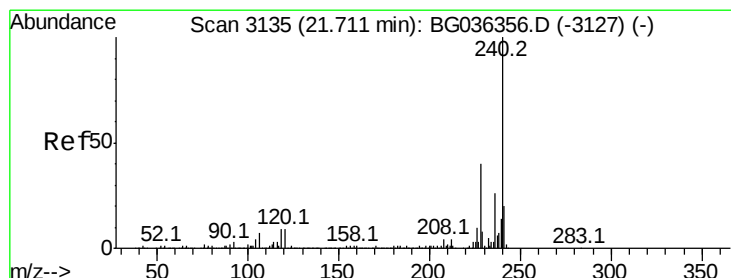
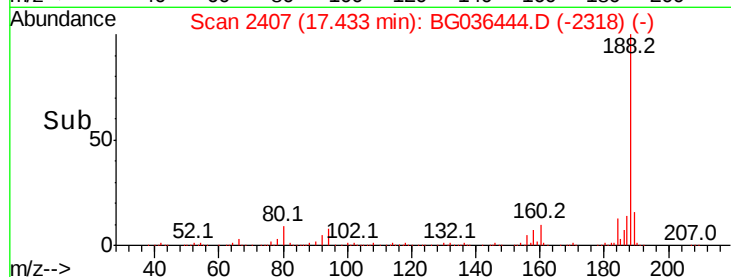
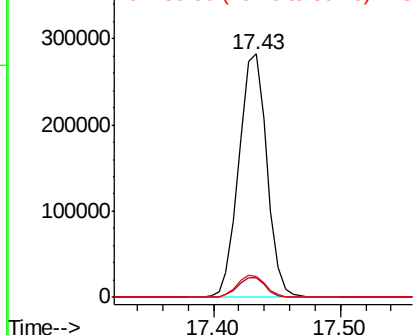
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036444.D
Acq: 28 Aug 2018 00:32

Instrument :
BNA_G
ClientSampleId :
BU-03-082318

Tot Ion:188 Resp: 431542
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.7 8.1 12.1

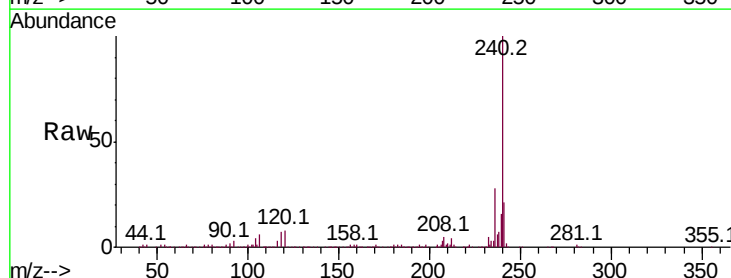


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

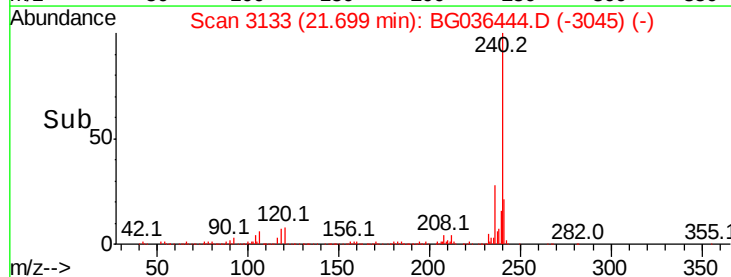
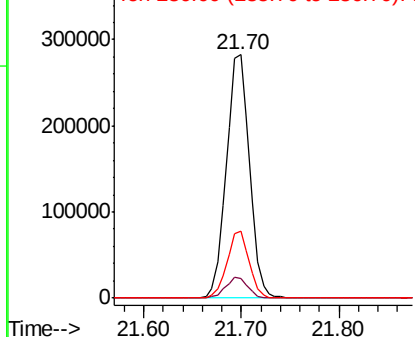


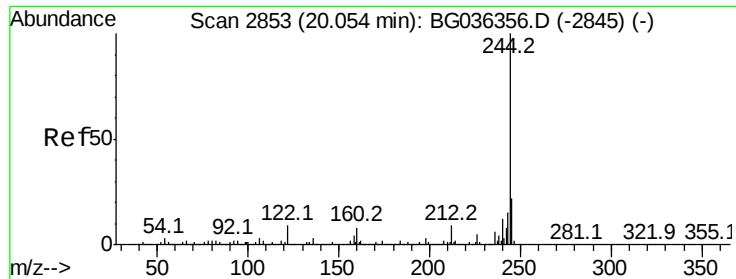
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036444.D
Acq: 28 Aug 2018 00:32

Tgt Ion:240 Resp: 463209
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 27.7 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: 74.166 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

Instrument :

BNA_G

ClientSampleId :

BU-03-082318

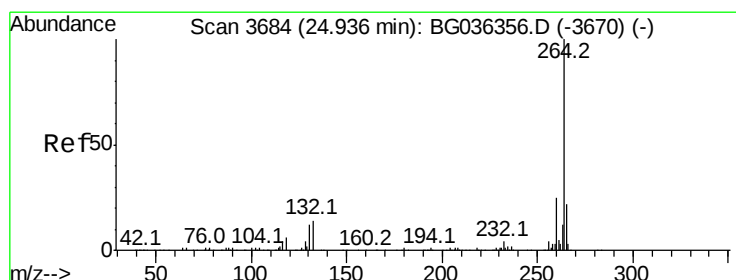
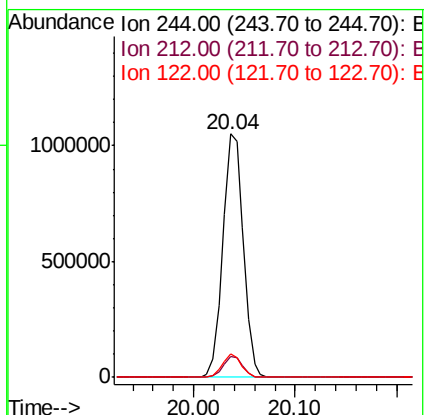
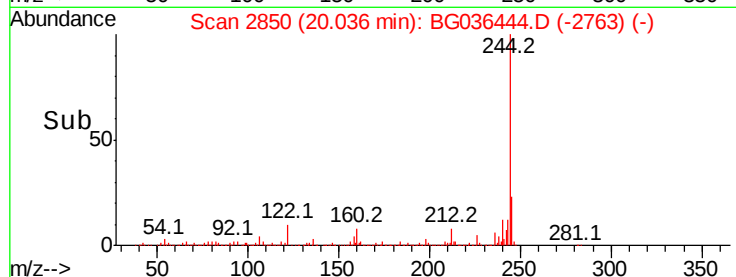
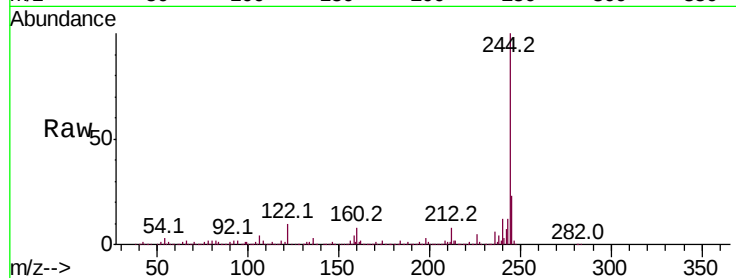
Tot Ion:244 Resp: 1469799

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

122 9.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.02 min

Lab File: BG036444.D

Acq: 28 Aug 2018 00:32

Tgt Ion:264 Resp: 463412

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.7 17.4 26.0

