

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036623.D
 Acq On : 8 Sep 2018 8:38
 Operator : JU/SJ
 Sample : J4779-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-090618-A

Quant Time: Sep 10 01:31:28 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	8.05	152	59559	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	245952	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	167091	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	420190	20.00	ng	0.00
75) Chrysene-d12	21.69	240	434555	20.00	ng	0.00
86) Perylene-d12	24.89	264	349973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	349679	93.13	ng	0.00
7) Phenol-d6	7.21	99	440786	82.00	ng	0.00
23) Nitrobenzene-d5	9.21	82	348611	76.90	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	155096	77.79	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	820175	70.09	ng	0.00
78) Terphenyl-d14	20.03	244	1421647	76.47	ng	0.00

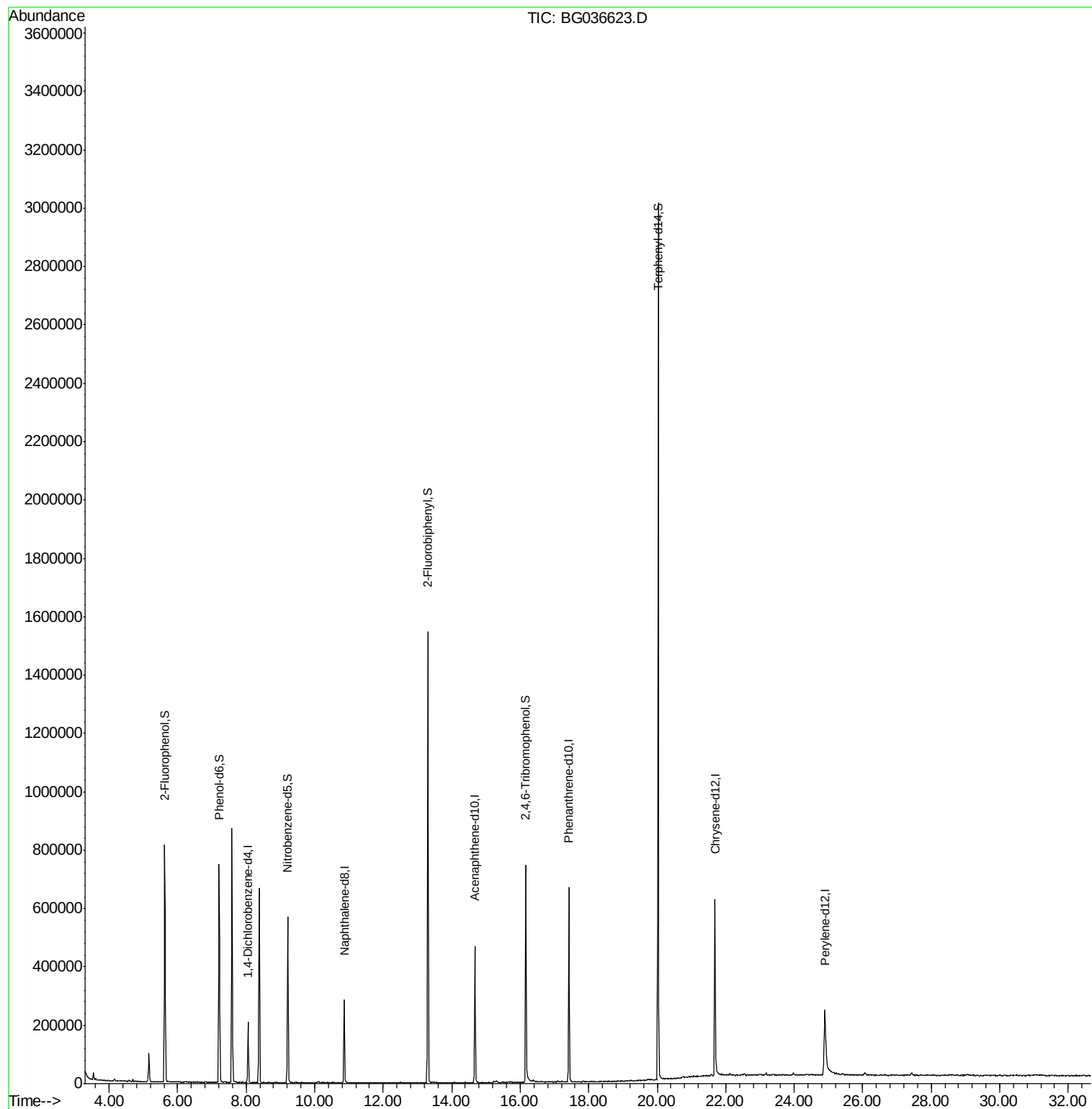
Target Compounds Qvalue

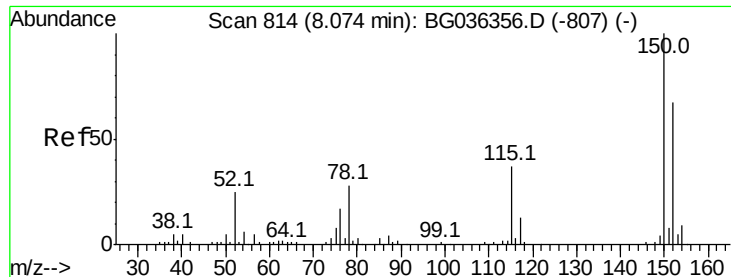
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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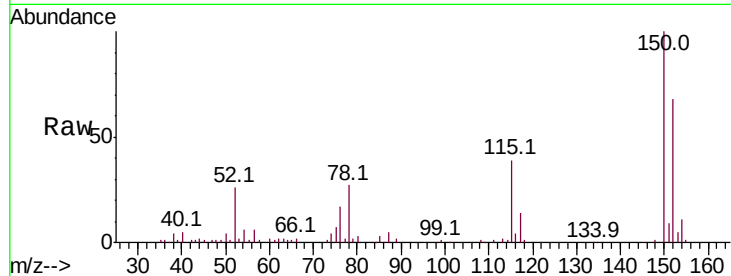


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :
SU-03-090618-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	119.5	179.3
115	57.3	44.5	66.7

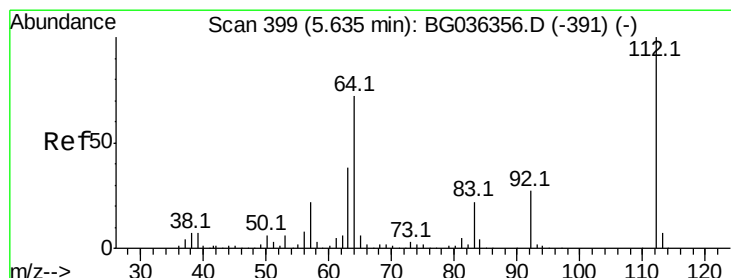
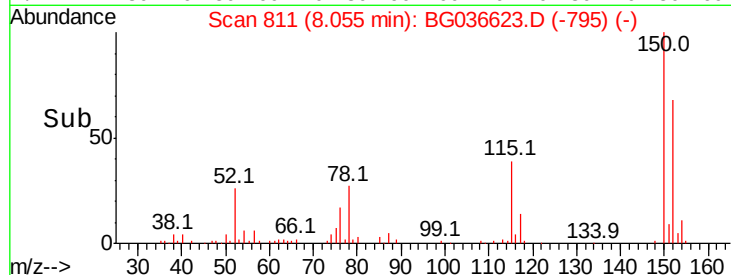
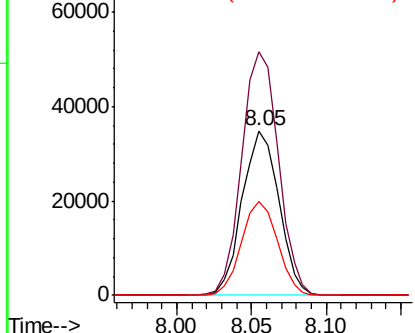


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

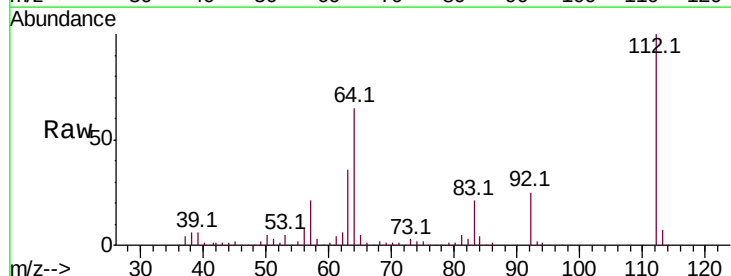
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.134 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	57.2	85.8
63	36.4	30.8	46.2

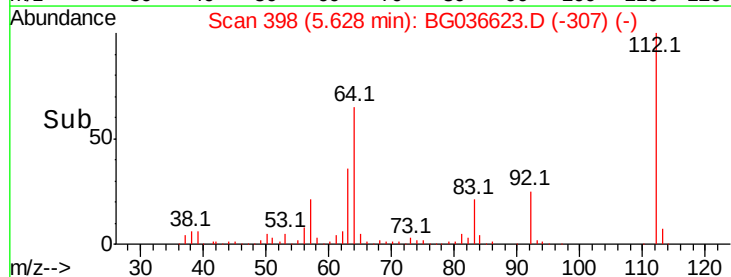
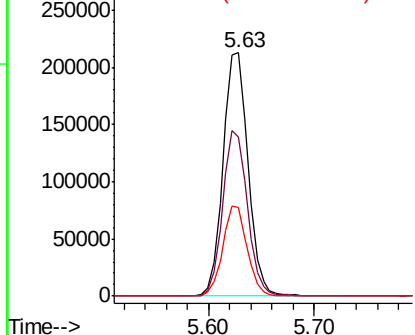


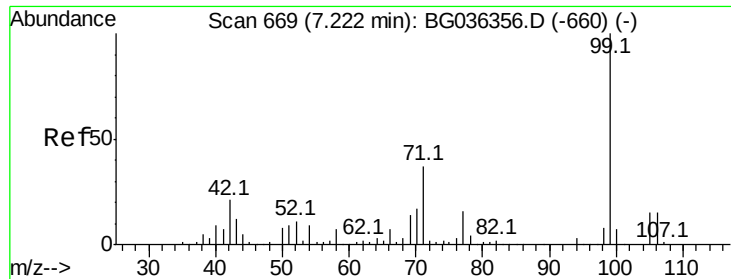
Abundance

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: 81.997 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036623.D

Acq: 8 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

SU-03-090618-A

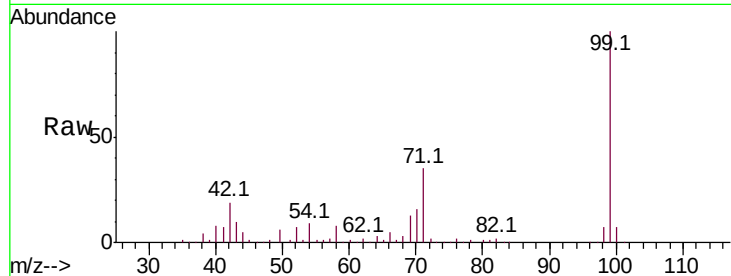
Tot Ion: 99 Resp: 440786

Ion Ratio Lower Upper

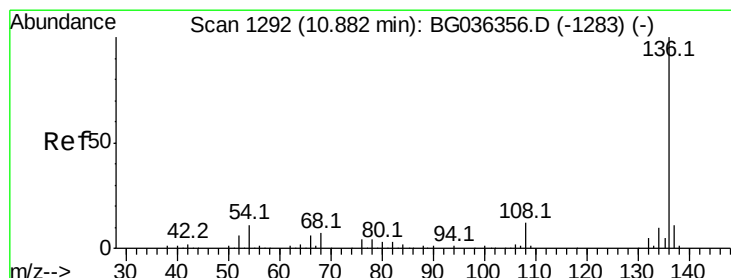
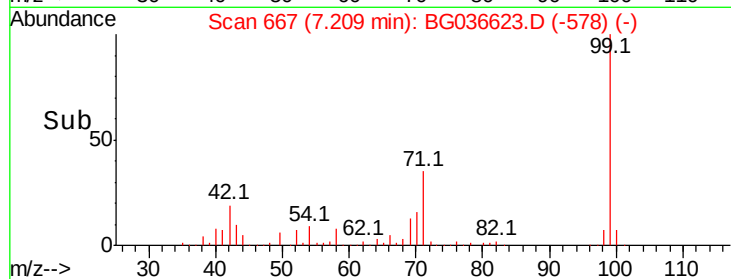
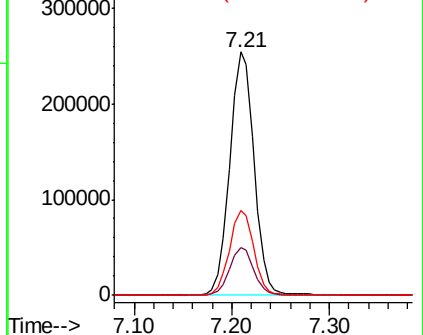
99 100

42 19.4 16.5 24.7

71 34.9 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: BG036623.D

Acq: 8 Sep 2018 8:38

Tgt Ion: 136 Resp: 245952

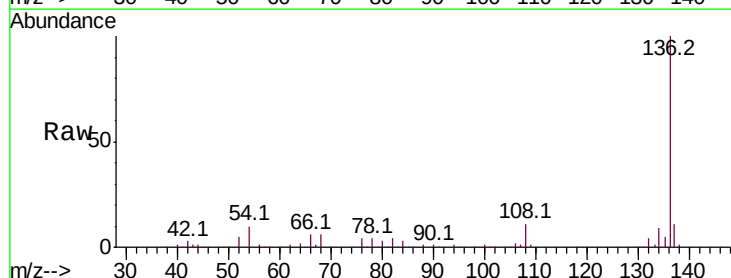
Ion Ratio Lower Upper

136 100

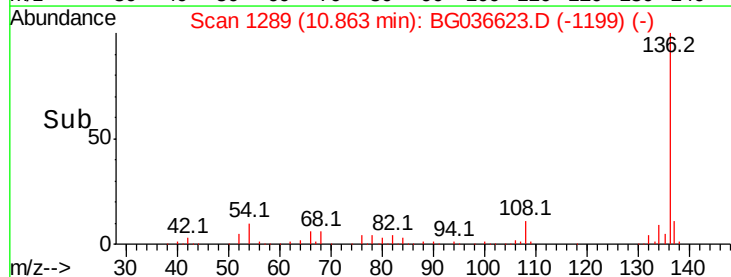
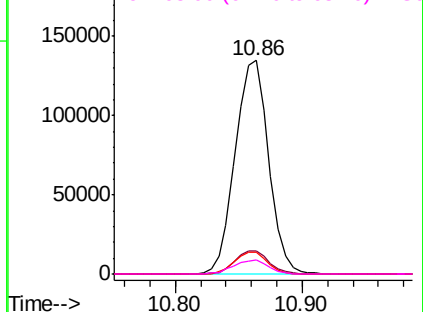
137 11.0 8.8 13.2

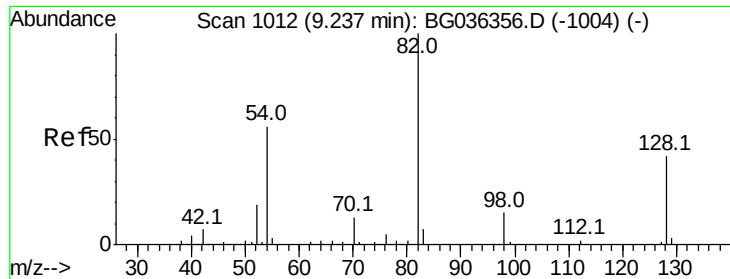
54 10.1 9.2 13.8

68 6.4 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: 76.903 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG036623.D

Acq: 8 Sep 2018 8:38

Instrument :

BNA_G

ClientSampleId :

SU-03-090618-A

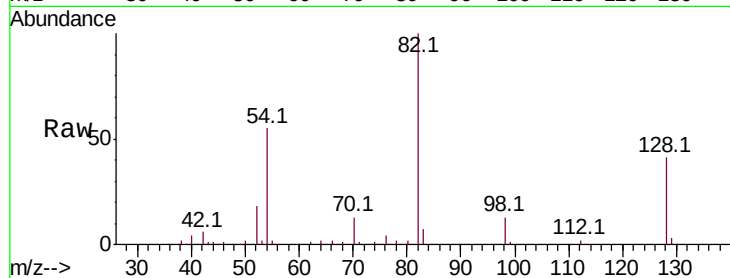
Tot Ion: 82 Resp: 348611

Ion Ratio Lower Upper

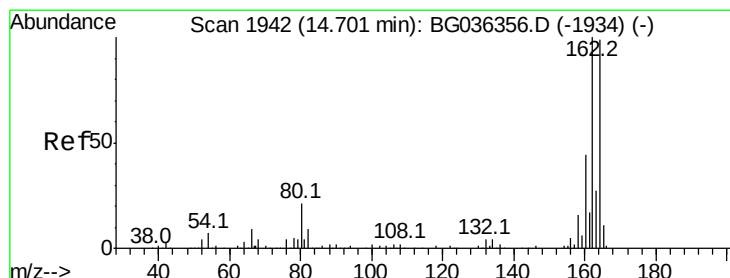
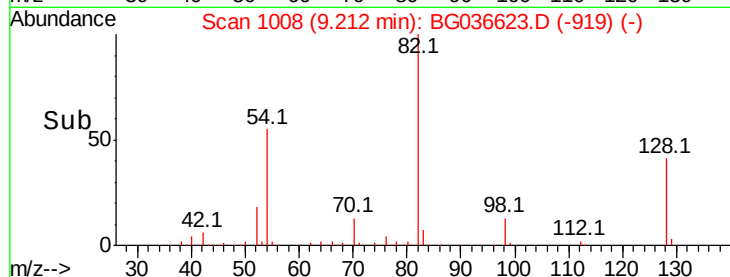
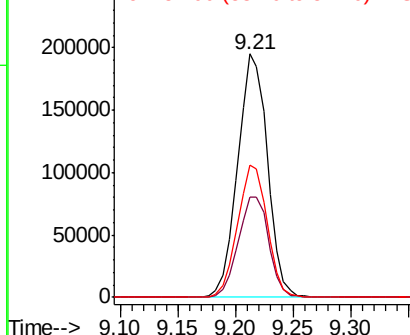
82 100

128 41.4 33.3 49.9

54 54.5 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: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036623.D

Acq: 8 Sep 2018 8:38

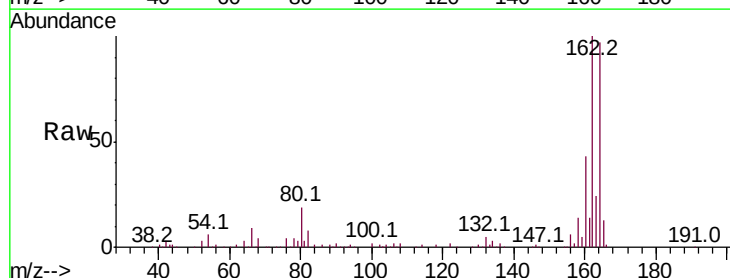
Tgt Ion: 164 Resp: 167091

Ion Ratio Lower Upper

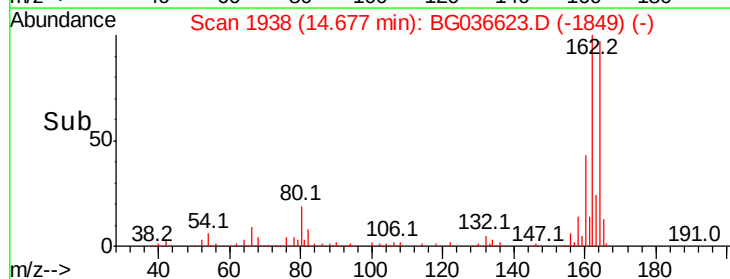
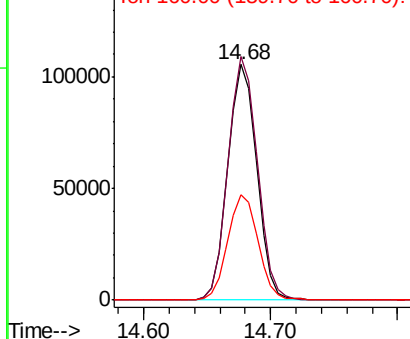
164 100

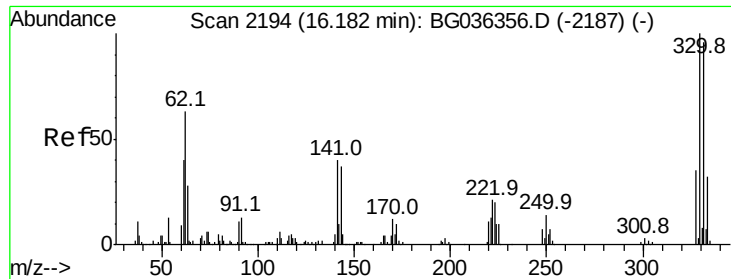
162 103.4 80.7 121.1

160 44.6 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

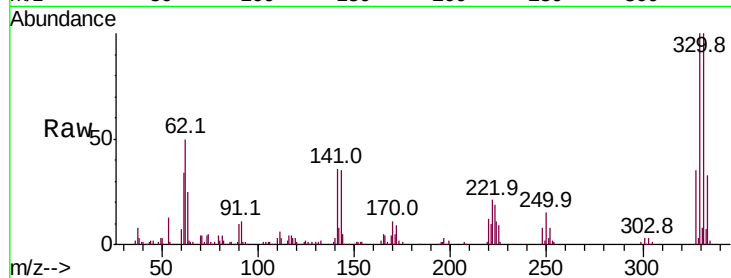




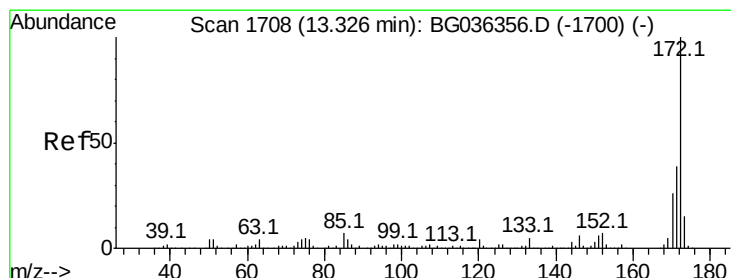
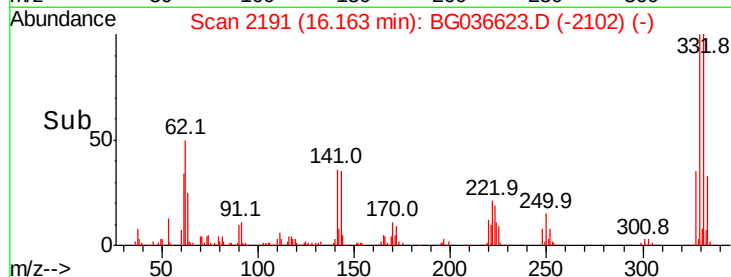
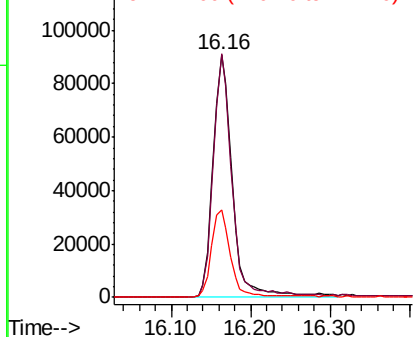
#41
 2,4,6-Tribromophenol
 Concen: 77.790 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036623.D
 Acq: 8 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-090618-A

Tot Ion:330 Resp: 155096
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.4 113.2
 141 35.4 30.7 46.1

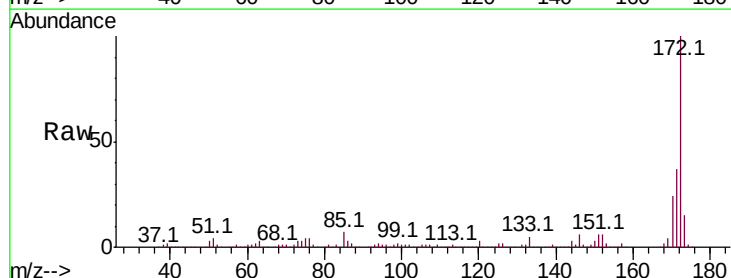


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

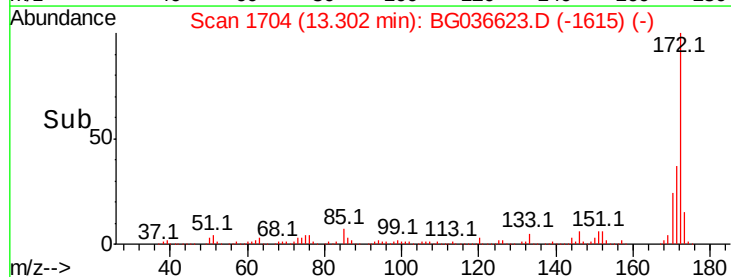
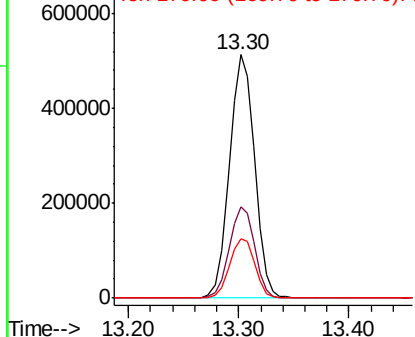


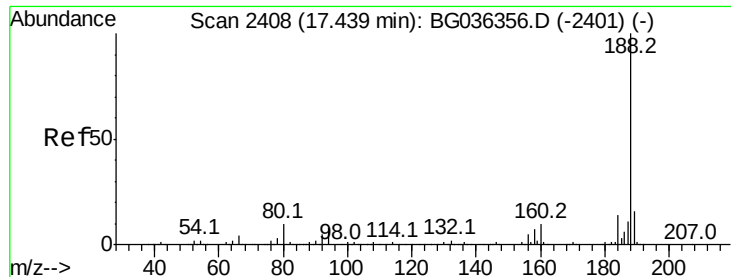
#44
 2-Fluorobiphenyl
 Concen: 70.085 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036623.D
 Acq: 8 Sep 2018 8:38

Tgt Ion:172 Resp: 820175
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.3 46.9
 170 24.3 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

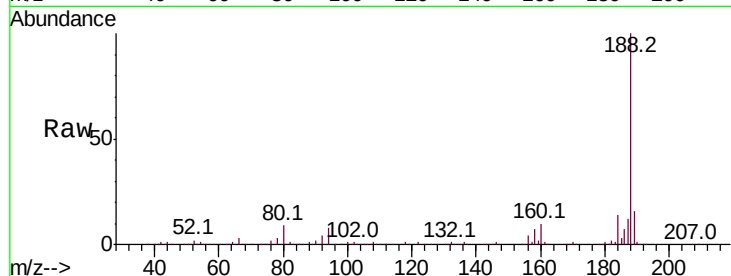




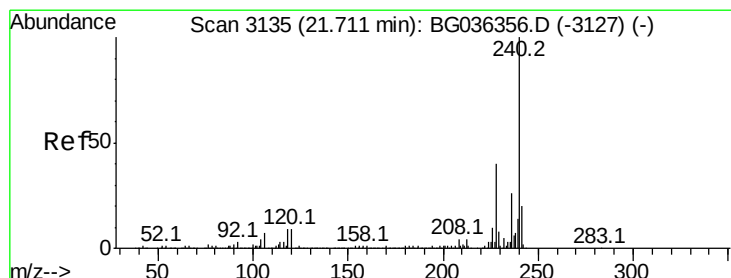
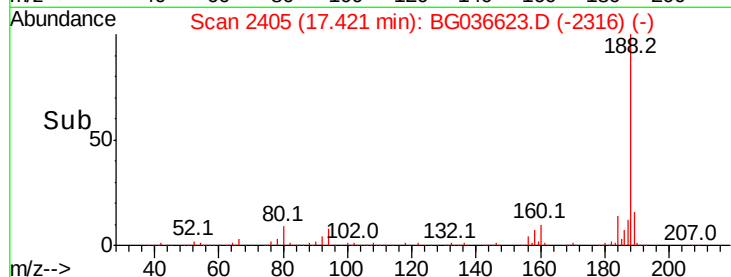
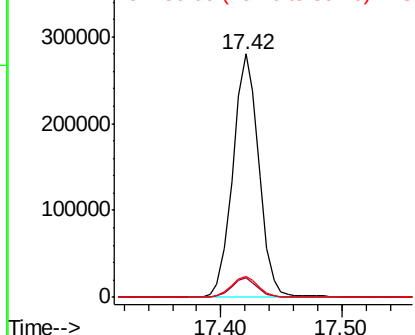
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

Instrument :
BNA_G
ClientSampleId :
SU-03-090618-A

Tot Ion:188 Resp: 420190
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.7 8.1 12.1

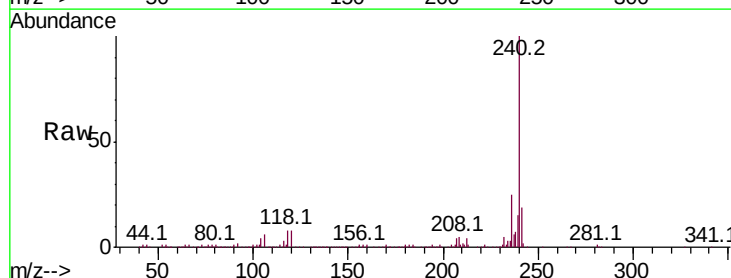


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

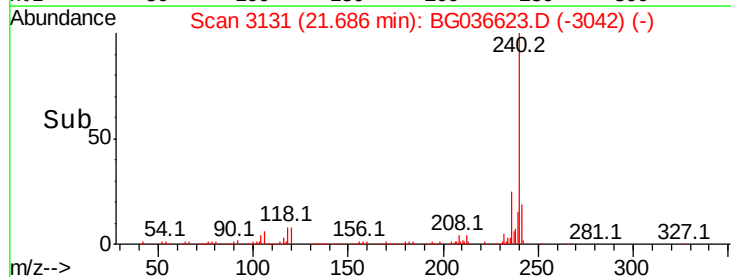
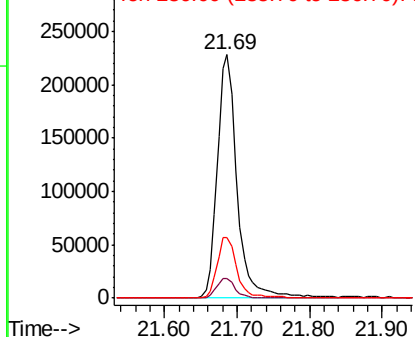


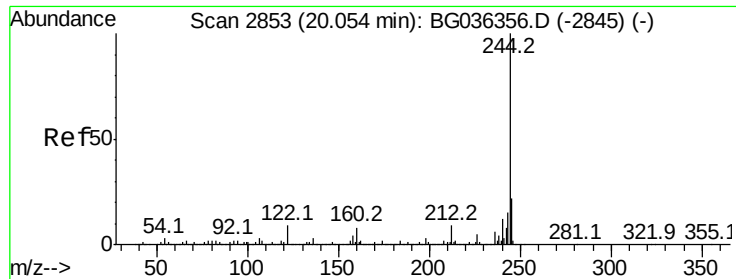
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036623.D
Acq: 8 Sep 2018 8:38

Tgt Ion:240 Resp: 434555
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 24.9 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



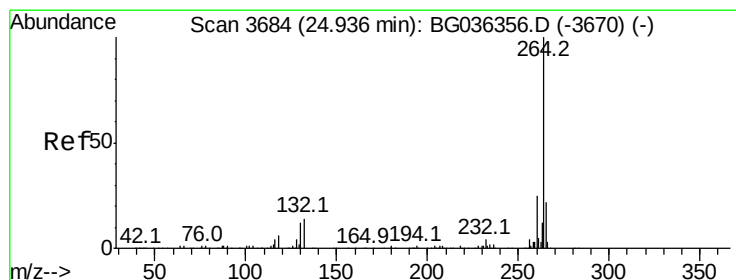
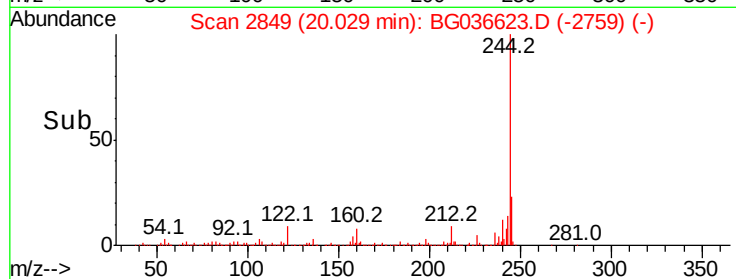
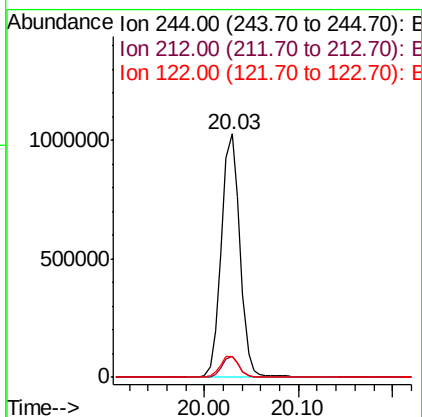
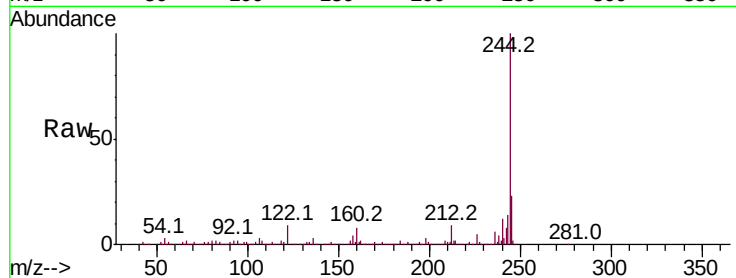


#78
 Terphenyl-d14
 Concen: 76.466 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036623.D
 Acq: 8 Sep 2018 8:38

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-090618-A

Tot Ion:244 Resp: 1421647

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	8.8	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036623.D
 Acq: 8 Sep 2018 8:38

Tgt Ion:264 Resp: 349973

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.2	17.4	26.0

