

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035682.D
 Acq On : 17 Jul 2018 14:38
 Operator : JU/SJ
 Sample : J3819-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-071318-A

Quant Time: Jul 18 12:13:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

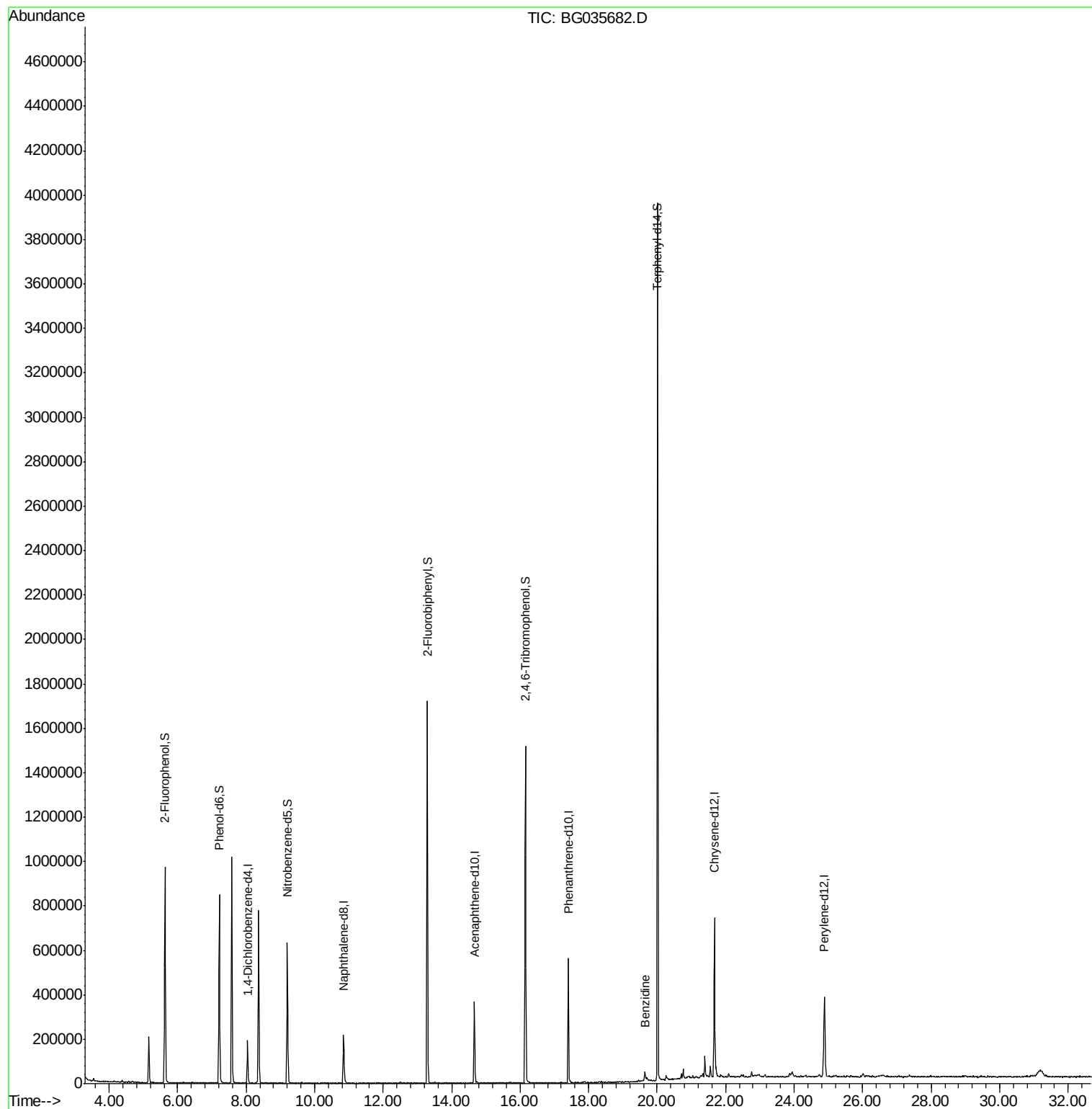
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54188	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	188373	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	127495	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	353978	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	448953	20.00	ng	-0.02
86) Perylene-d12	24.88	264	414586	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	420881	128.95	ng	0.00
7) Phenol-d6	7.21	99	524647	107.74	ng	0.00
23) Nitrobenzene-d5	9.20	82	437763	97.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	283951	168.97	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	928103	97.53	ng	-0.02
78) Terphenyl-d14	20.01	244	1844141	90.54	ng	-0.01
Target Compounds						
76) Benzidine	19.64	184	32778	2.777	ng	Qvalue 97

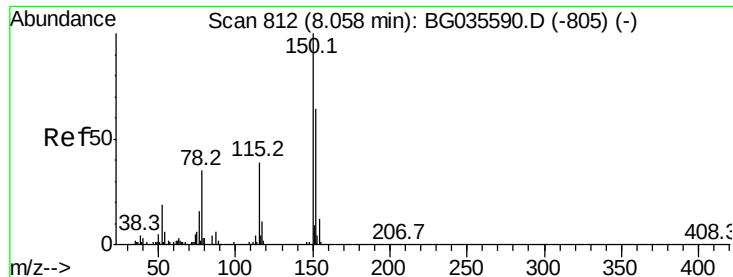
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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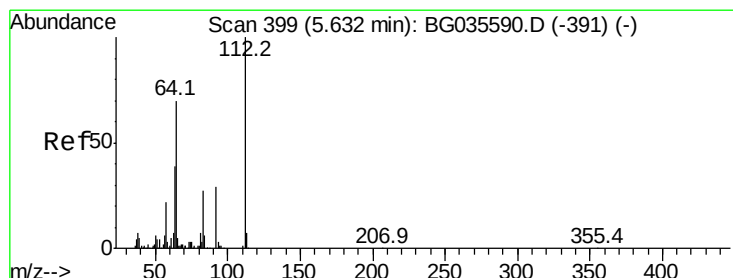
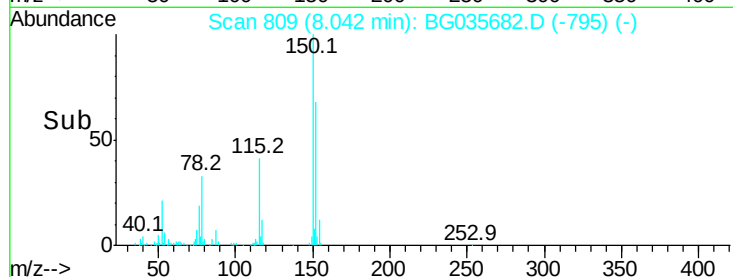
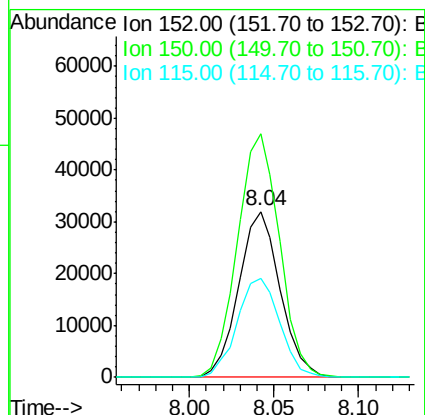
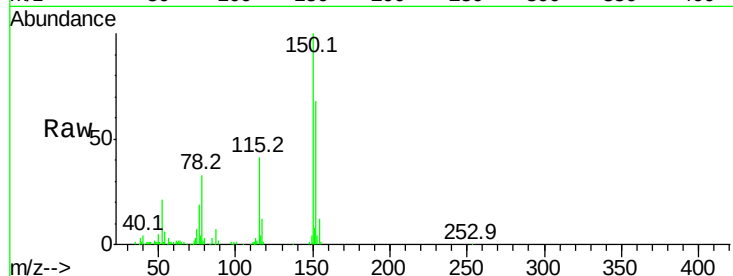


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035682.D
Acq: 17 Jul 2018 14:38

Instrument :
BNA_G
ClientSampleId :
AU-05-071318-A

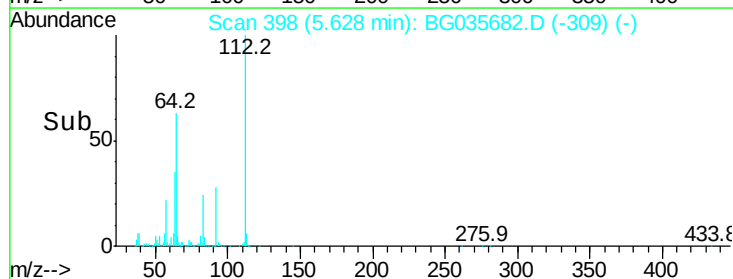
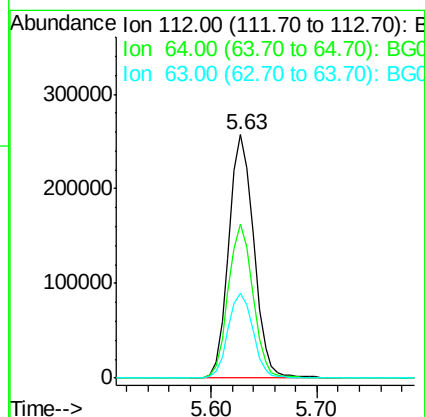
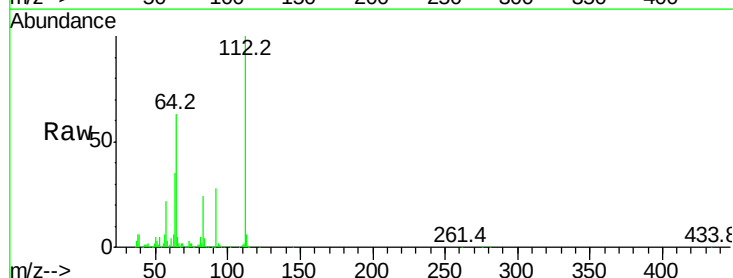
Tot Ion:152 Resp: 54188
Ion Ratio Lower Upper
152 100
150 146.8 126.6 189.8
115 59.8 53.0 79.4

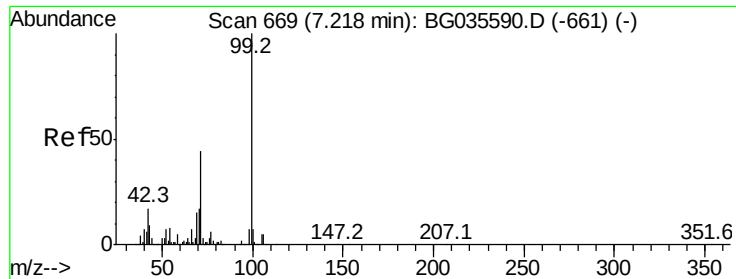


#5

2-Fluorophenol
Concen: 128.951 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG035682.D
Acq: 17 Jul 2018 14:38

Tgt Ion:112 Resp: 420881
Ion Ratio Lower Upper
112 100
64 63.3 56.3 84.5
63 34.7 30.1 45.1





#7

Phenol-d6

Concen: 107.738 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-A

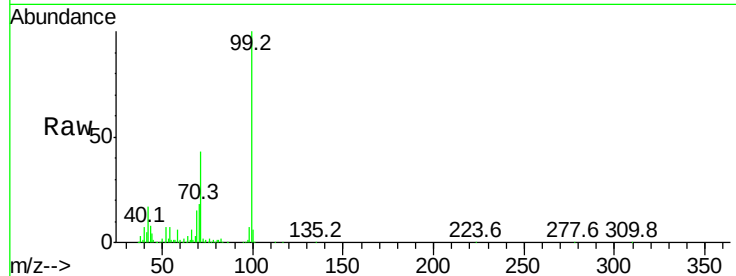
Tot Ion: 99 Resp: 524647

Ion Ratio Lower Upper

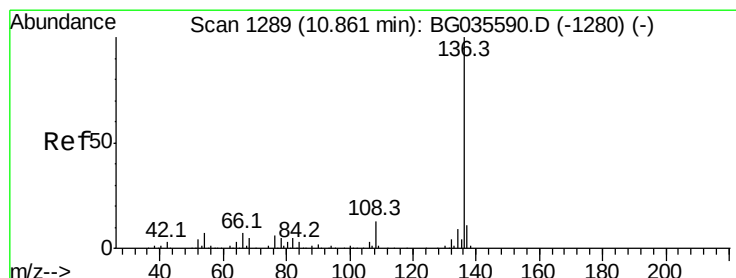
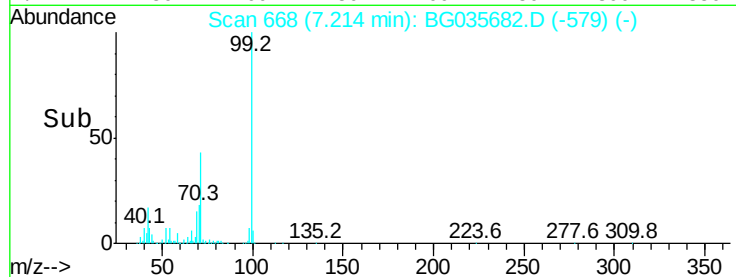
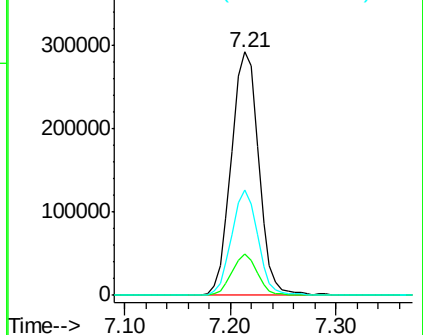
99 100

42 16.8 14.1 21.1

71 43.2 26.1 39.1#



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: 10.84 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

Tgt Ion: 136 Resp: 188373

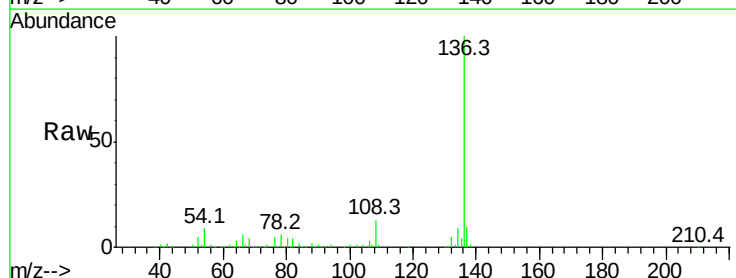
Ion Ratio Lower Upper

136 100

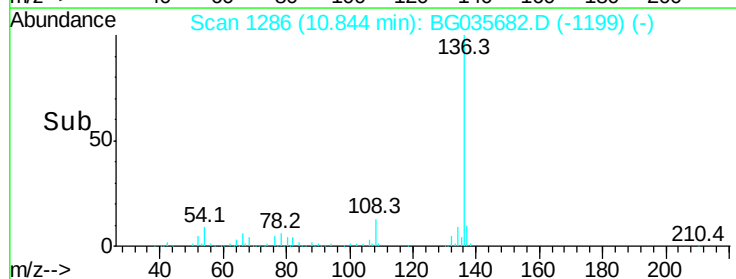
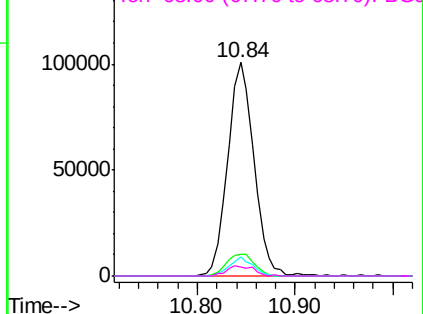
137 9.9 9.2 13.8

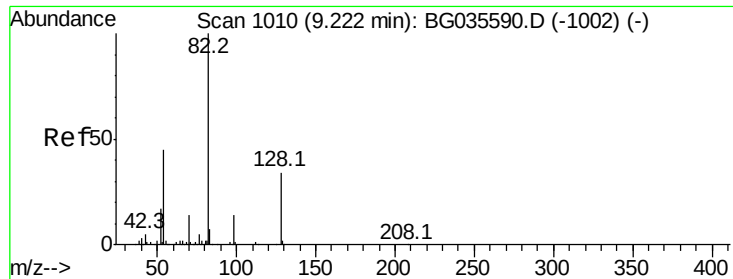
54 8.9 10.3 15.5#

68 4.3 4.5 6.7#



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

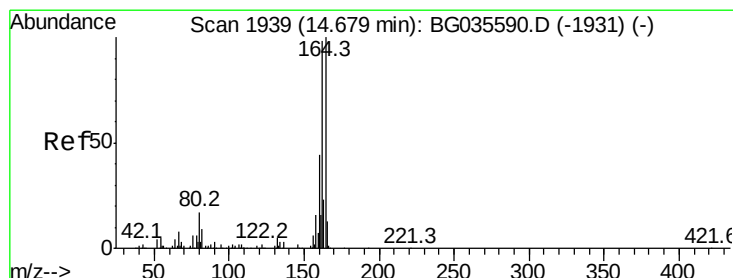
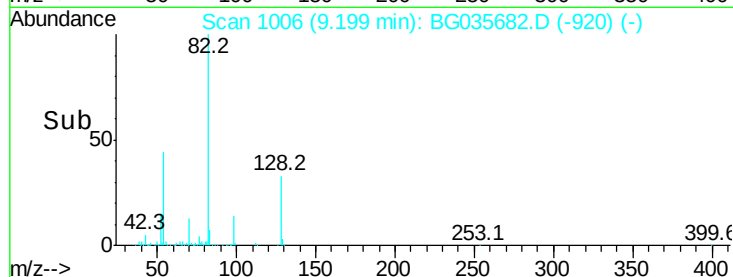
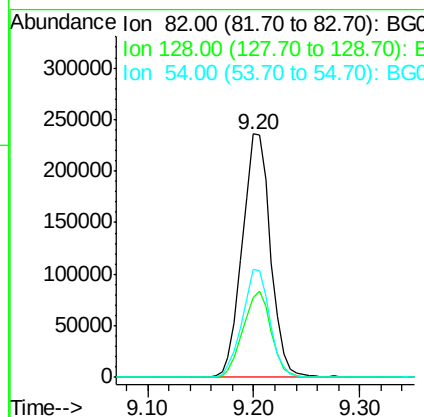
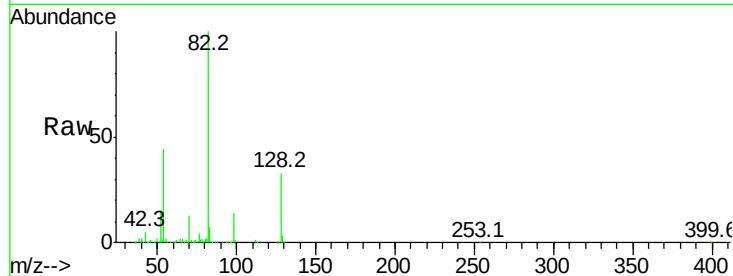




#23
 Nitrobenzene-d5
 Concen: 97.081 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BG035682.D
 Acq: 17 Jul 2018 14:38

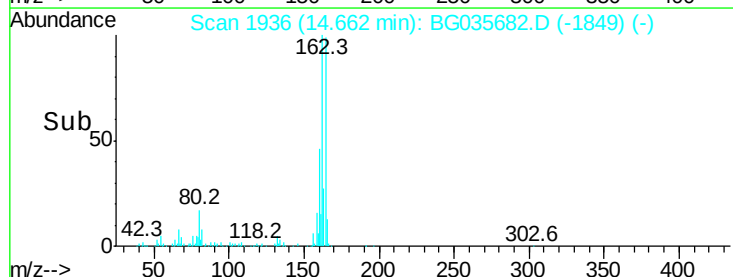
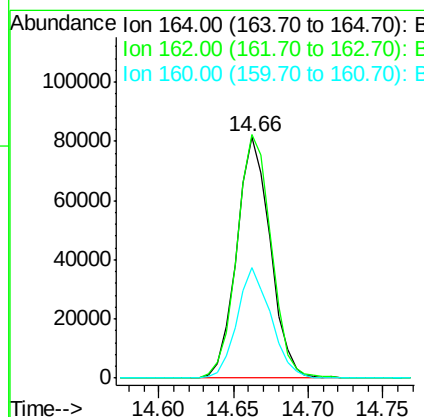
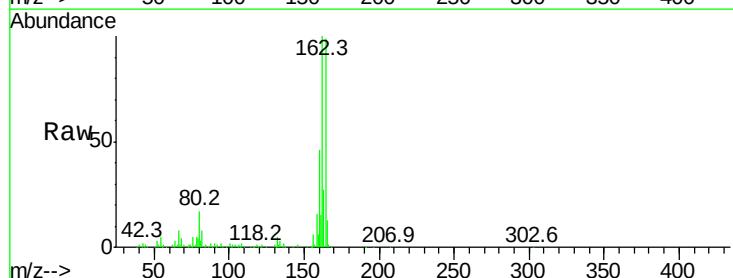
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-071318-A

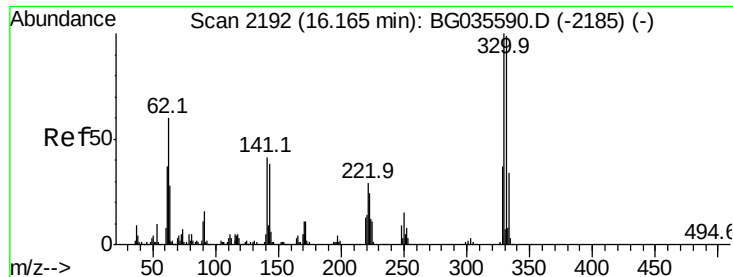
Tot Ion	82	Resp	437763
Ion Ratio	Lower	Upper	
82	100		
128	33.0	29.7	44.5
54	44.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BG035682.D
 Acq: 17 Jul 2018 14:38

Tgt Ion	164	Resp	127495
Ion Ratio	Lower	Upper	
164	100		
162	100.8	78.8	118.2
160	45.9	35.4	53.0

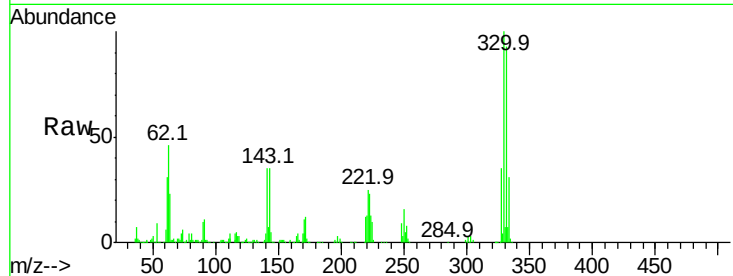




#41
 2,4,6-Tribromophenol
 Concen: 168.972 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG035682.D
 Acq: 17 Jul 2018 14:38

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-071318-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	37.2	25.2	37.8

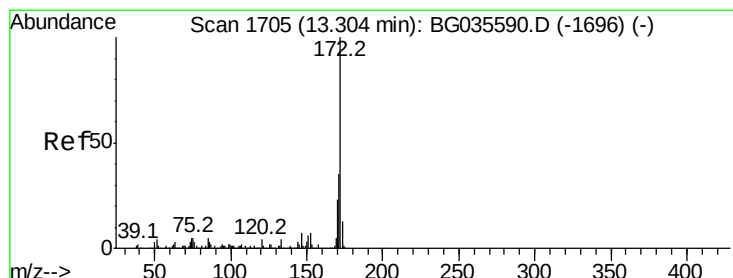
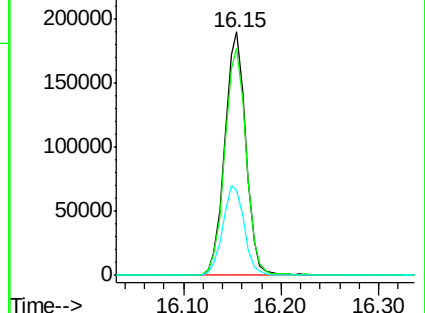
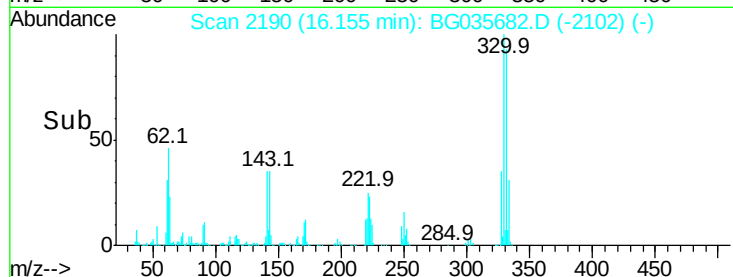


Abundance

Ion 329.80 (329.50 to 330.50): E

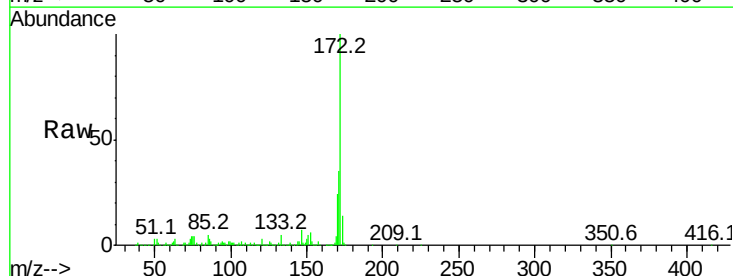
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.527 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035682.D
 Acq: 17 Jul 2018 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.6	19.5	29.3

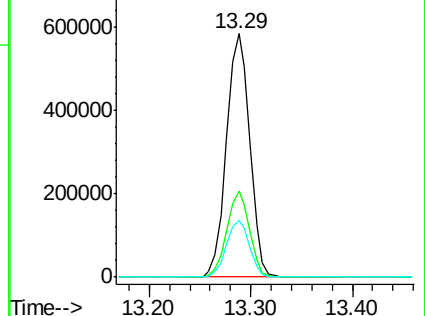
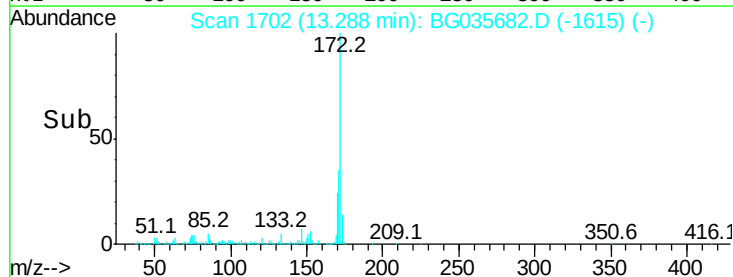


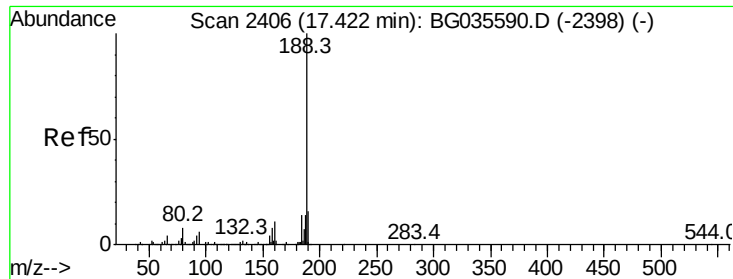
Abundance

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: 17.41 min Scan# 2403

Delta R.T. -0.02 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-A

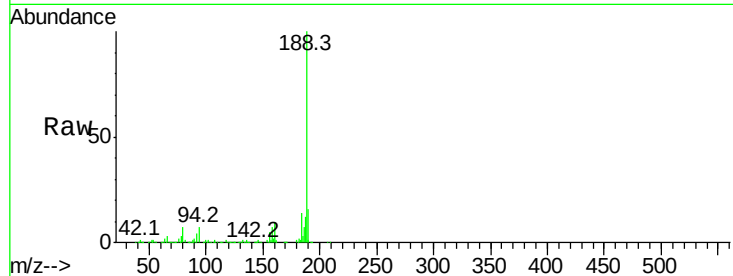
Tot Ion:188 Resp: 353978

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

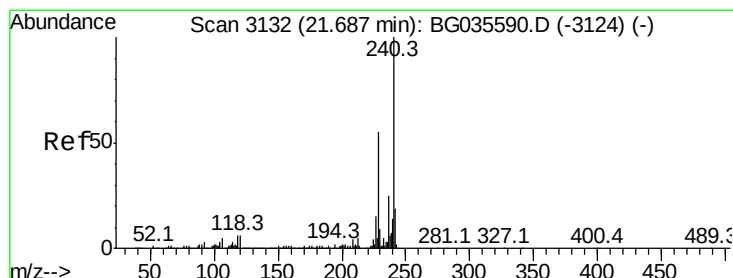
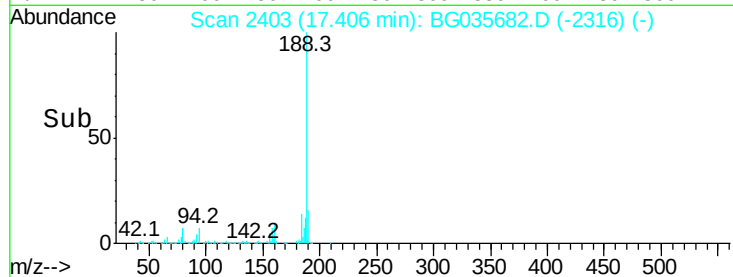
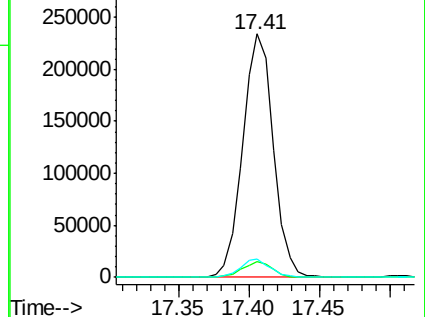
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

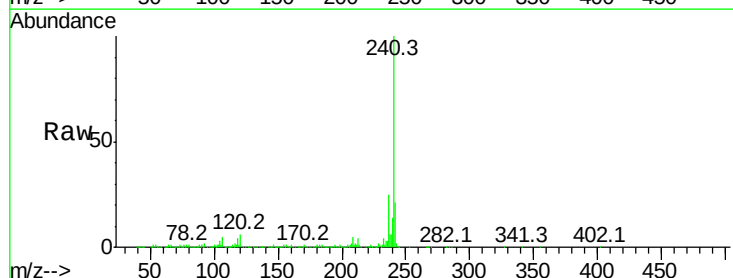
Tgt Ion:240 Resp: 448953

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

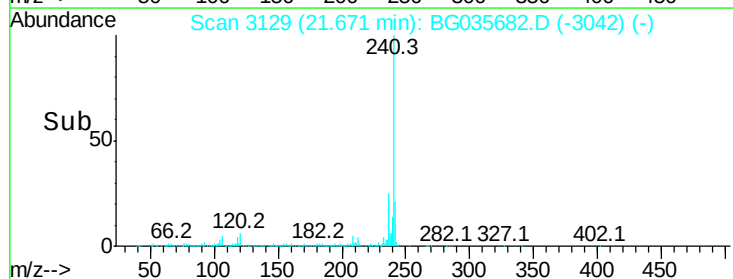
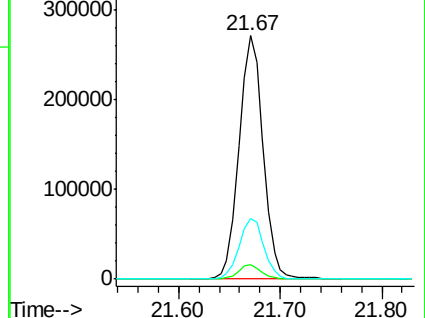
236 25.1 20.9 31.3

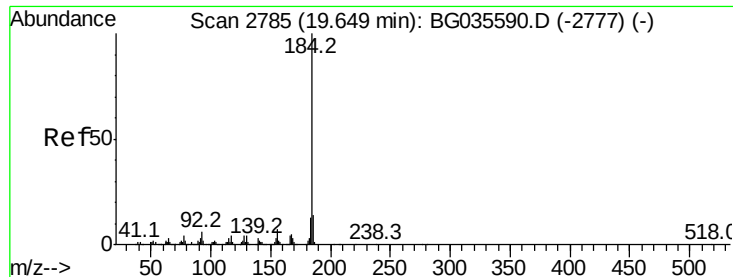


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.777 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-A

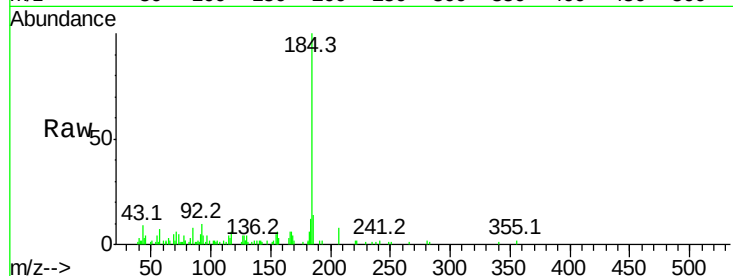
Tot Ion:184 Resp: 32778

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

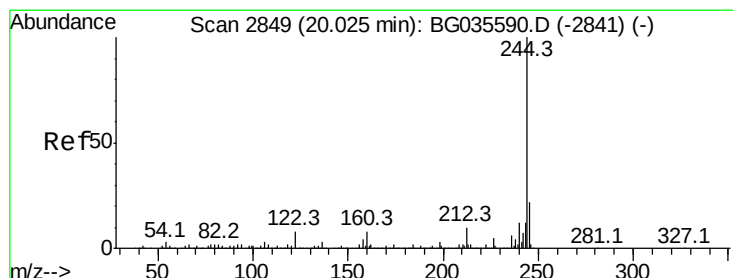
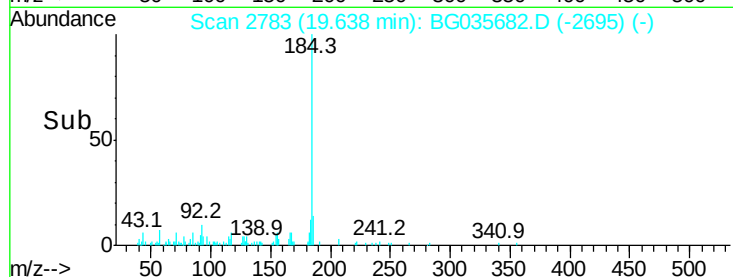
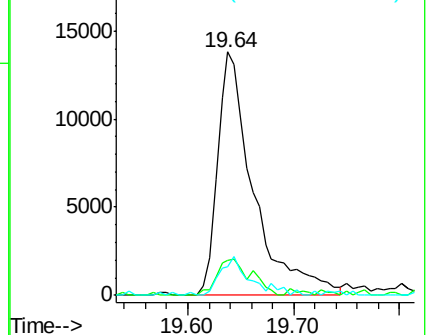
183 11.6 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 90.545 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

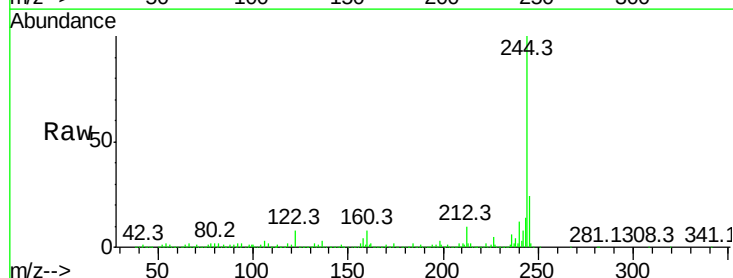
Tgt Ion:244 Resp: 1844141

Ion Ratio Lower Upper

244 100

212 10.2 5.8 8.8#

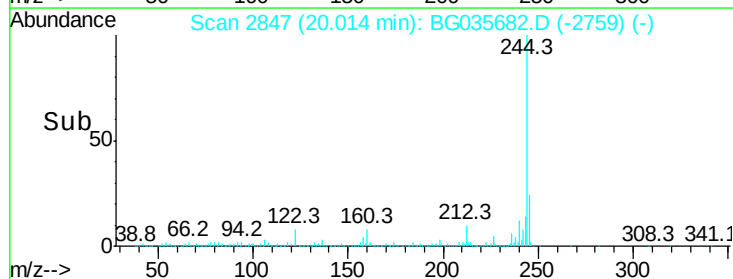
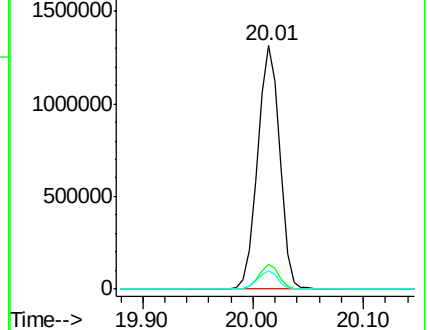
122 7.8 7.0 10.4

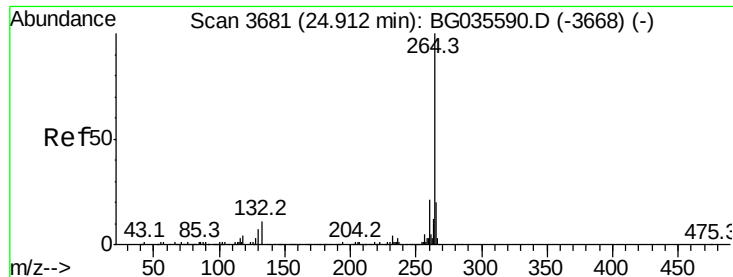


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

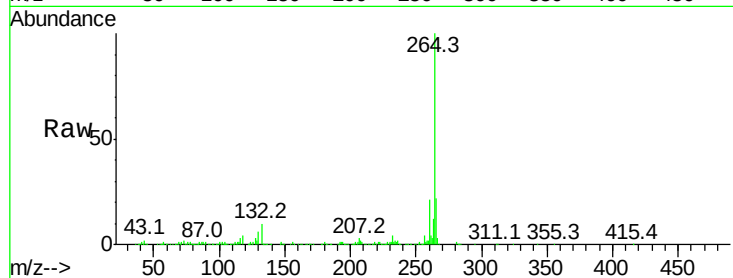




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG035682.D
Acq: 17 Jul 2018 14:38

Instrument :
BNA_G
ClientSampleId :
AU-05-071318-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	21.7	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

