

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036176.D
 Acq On : 8 Aug 2018 00:18
 Operator : JU/SJ
 Sample : J4303-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-A03

Quant Time: Aug 08 03:36:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

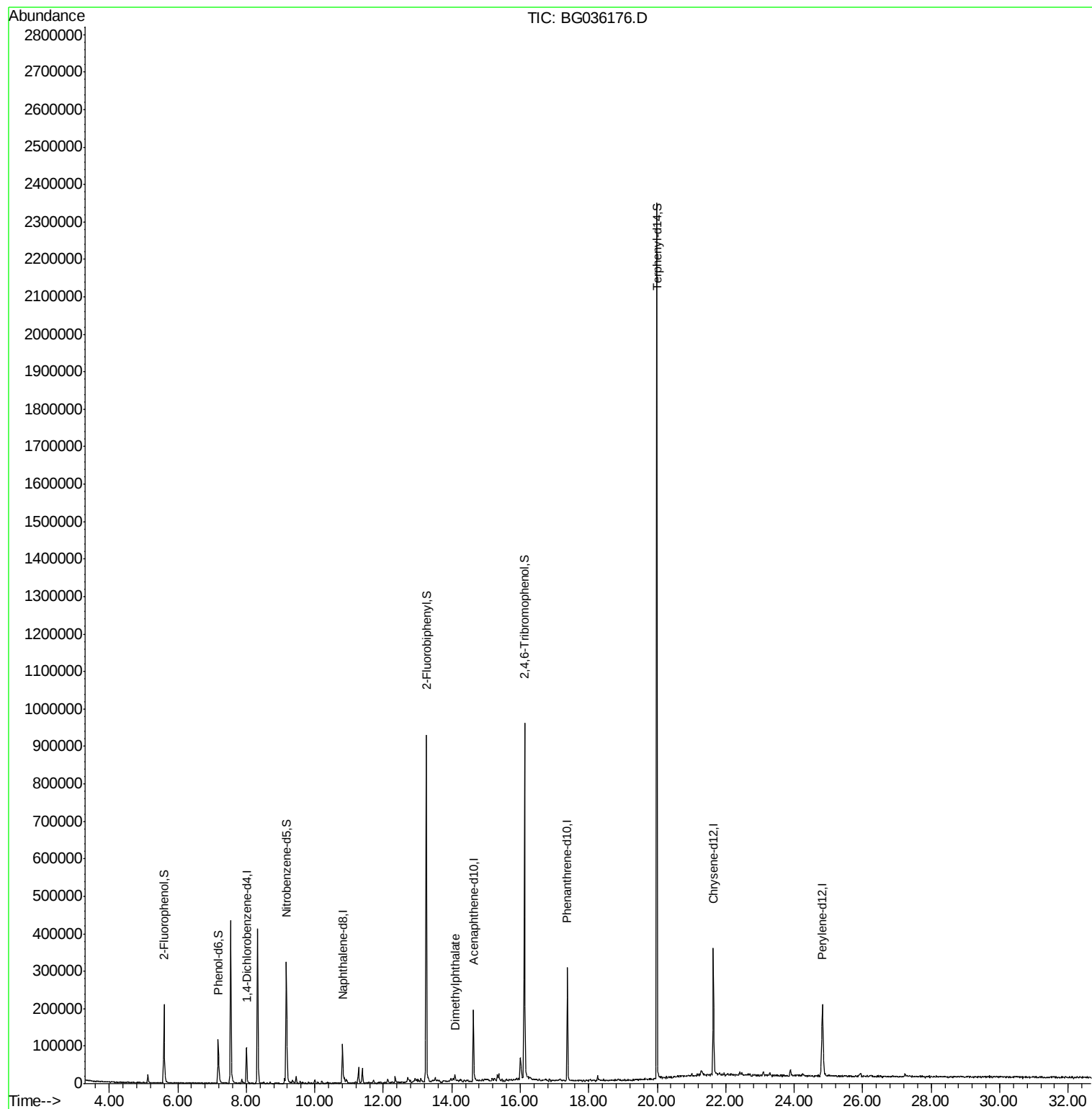
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27471	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	93656	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	66470	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	201507	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	233365	20.00	ng	-0.02
86) Perylene-d12	24.82	264	225764	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	102756	62.10	ng	0.00
7) Phenol-d6	7.18	99	86073	34.87	ng	-0.01
23) Nitrobenzene-d5	9.17	82	241369	107.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	177515	202.62	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	523215	105.46	ng	-0.02
78) Terphenyl-d14	19.99	244	1165647	110.10	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.09	163	12151	2.086	ng	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

Instrument :

BNA_G

ClientSampleId :

MW-A03

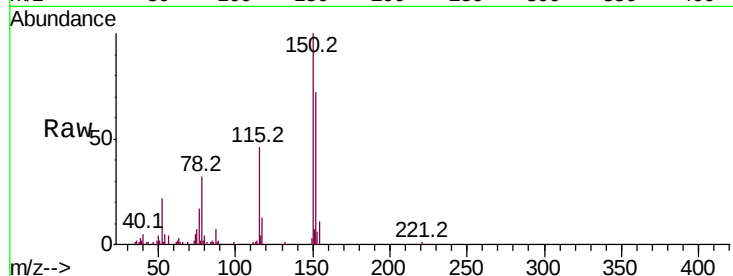
Tot Ion:152 Resp: 27471

Ion Ratio Lower Upper

152 100

150 139.4 126.6 189.8

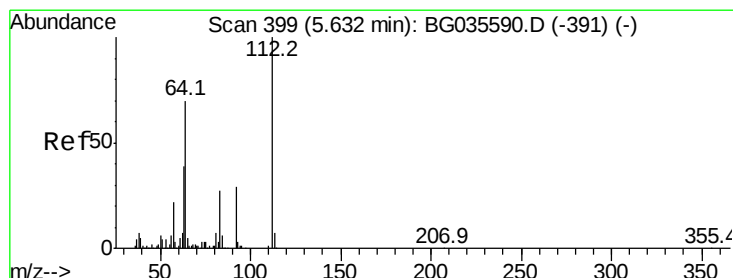
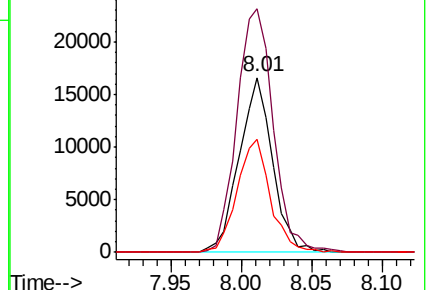
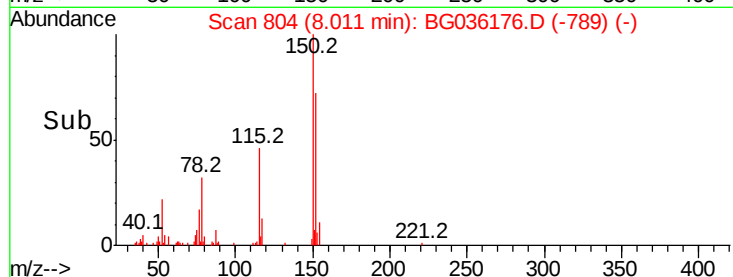
115 64.8 53.0 79.4



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: 62.102 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

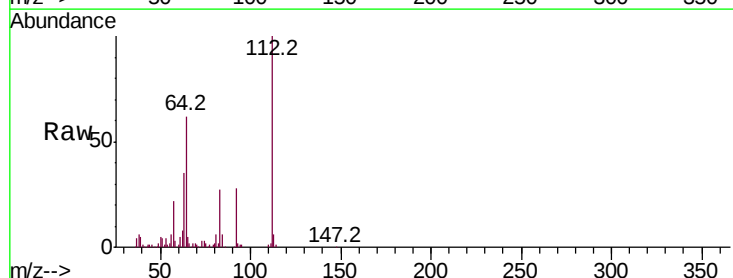
Tgt Ion:112 Resp: 102756

Ion Ratio Lower Upper

112 100

64 61.6 56.3 84.5

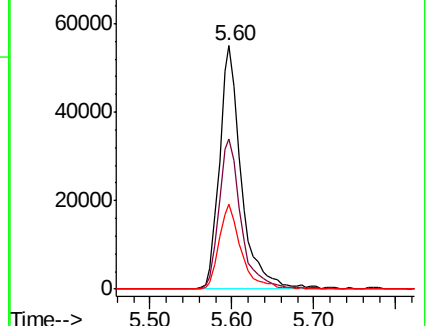
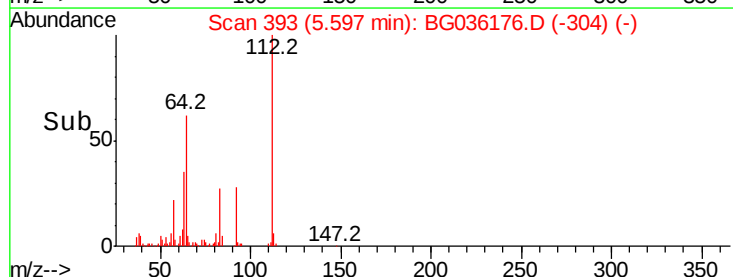
63 34.7 30.1 45.1

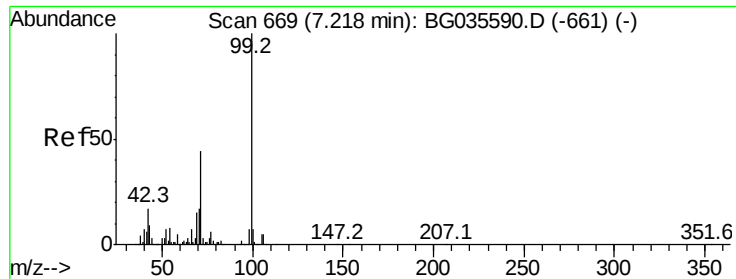


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 34.866 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

Instrument :

BNA_G

ClientSampleId :

MW-A03

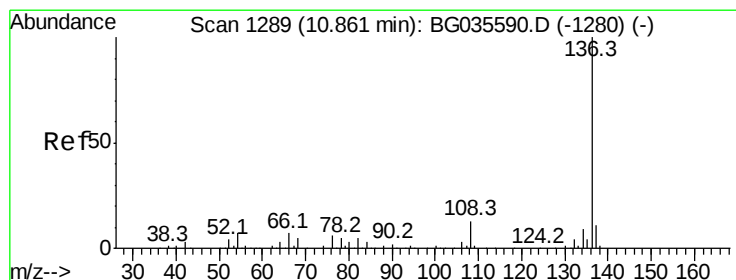
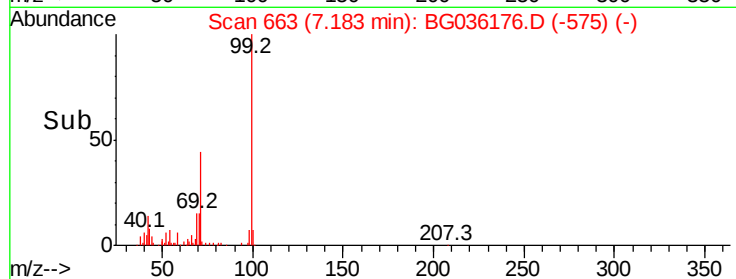
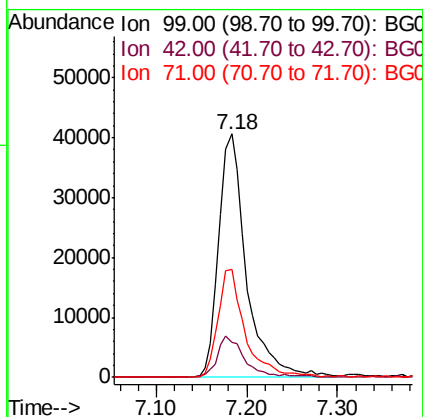
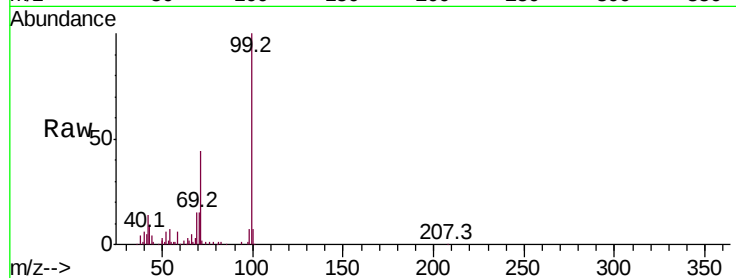
Tot Ion: 99 Resp: 86073

Ion Ratio Lower Upper

99 100

42 14.3 14.1 21.1

71 44.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

Tgt Ion: 136 Resp: 93656

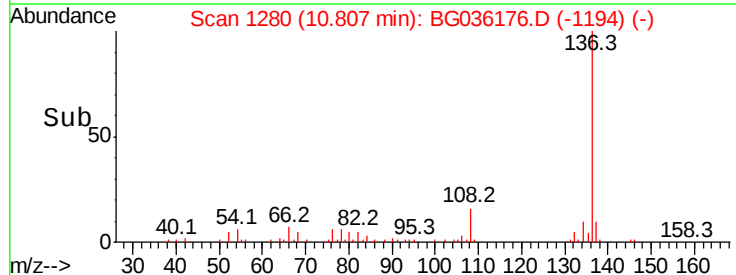
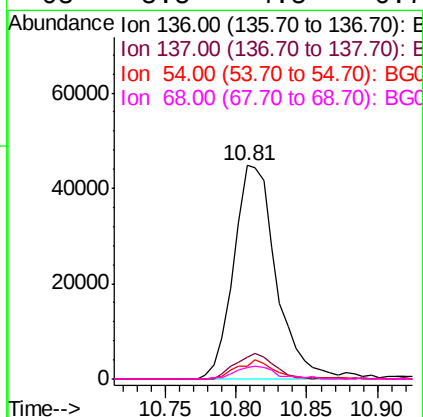
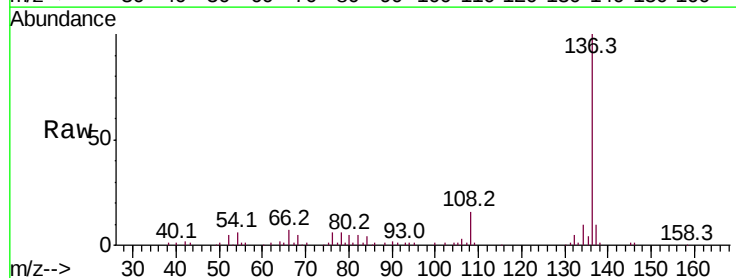
Ion Ratio Lower Upper

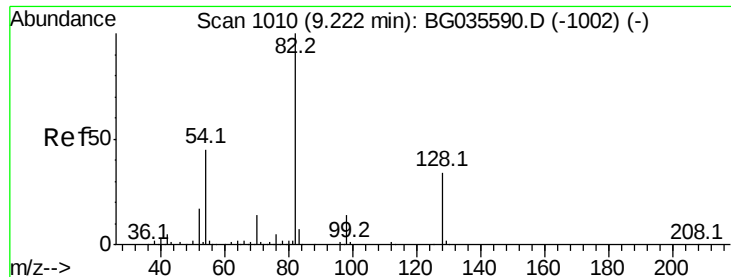
136 100

137 10.5 9.2 13.8

54 5.8 10.3 15.5#

68 5.5 4.5 6.7

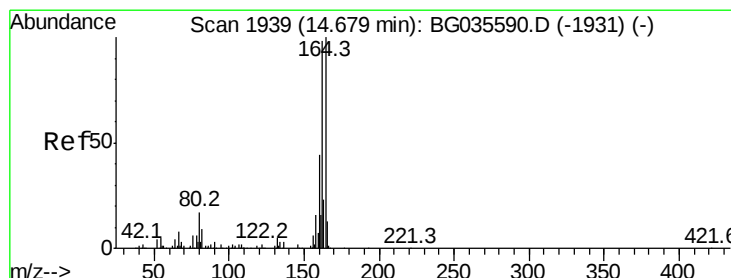
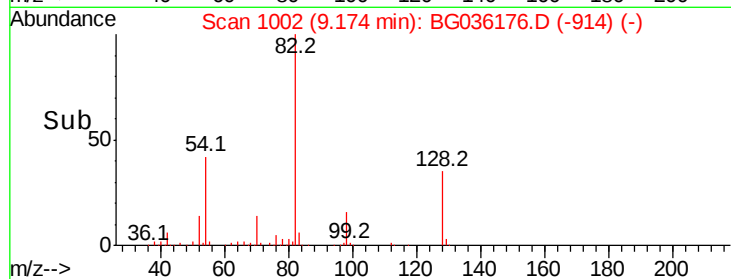
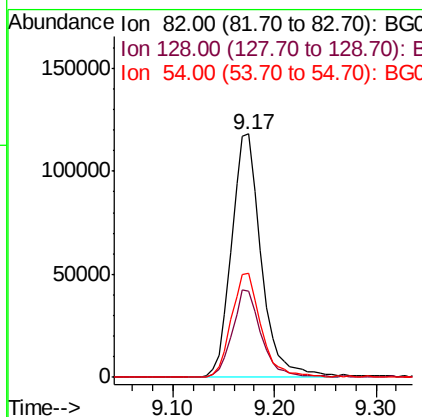
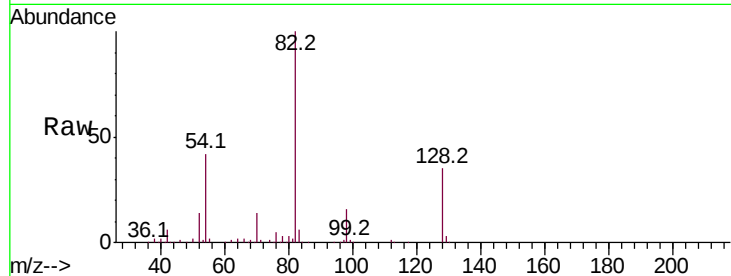




#23
Nitrobenzene-d5
Concen: 107.661 ng
RT: 9.17 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG036176.D
Acq: 8 Aug 2018 00:18

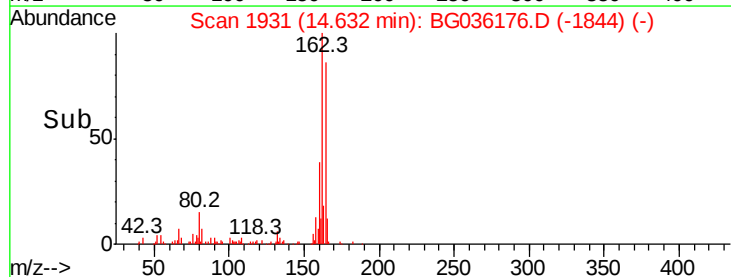
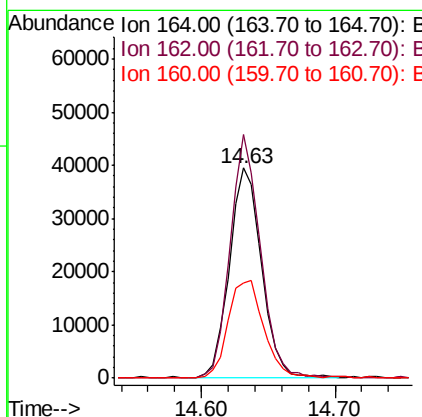
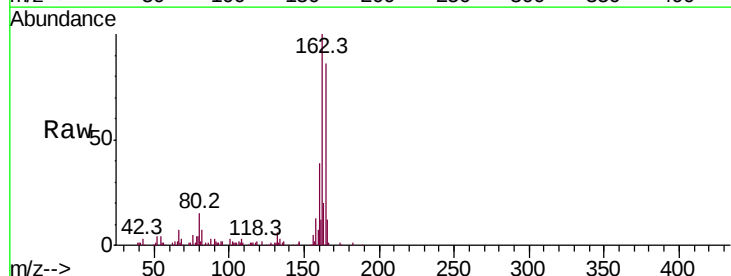
Instrument :
BNA_G
ClientSampleId :
MW-A03

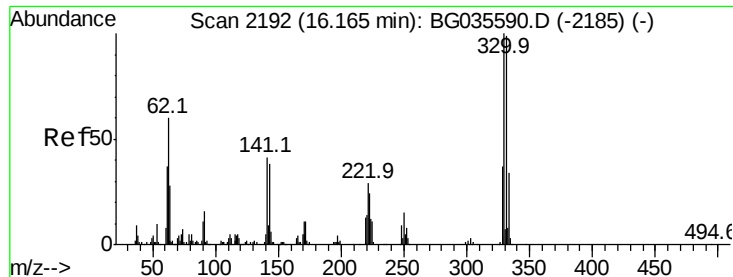
Tot Ion: 82 Resp: 241369
Ion Ratio Lower Upper
82 100
128 35.4 29.7 44.5
54 42.5 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036176.D
Acq: 8 Aug 2018 00:18

Tgt Ion:164 Resp: 66470
Ion Ratio Lower Upper
164 100
162 116.0 78.8 118.2
160 45.2 35.4 53.0

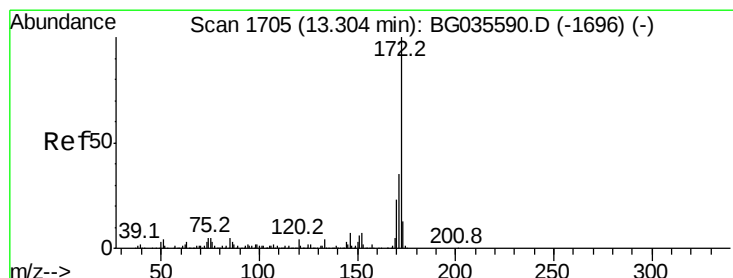
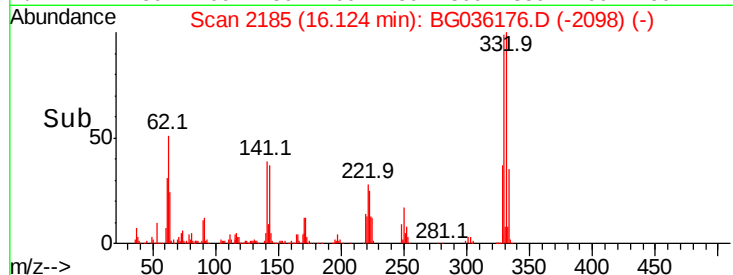
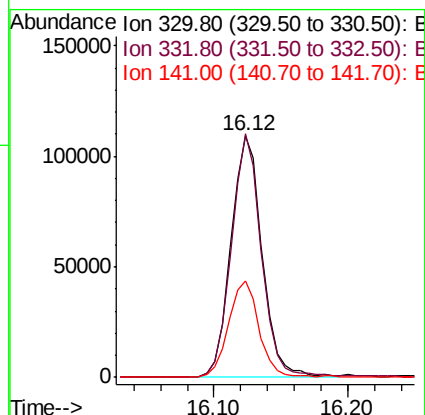
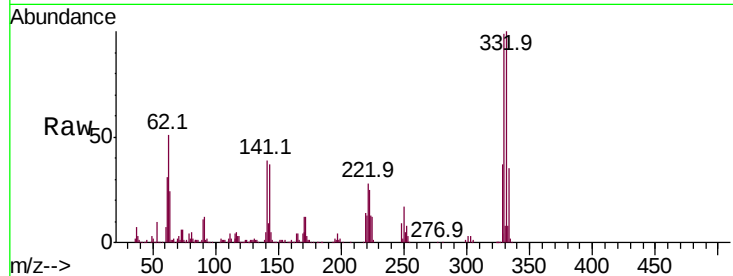




#41
 2,4,6-Tribromophenol
 Concen: 202.616 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036176.D
 Acq: 8 Aug 2018 00:18

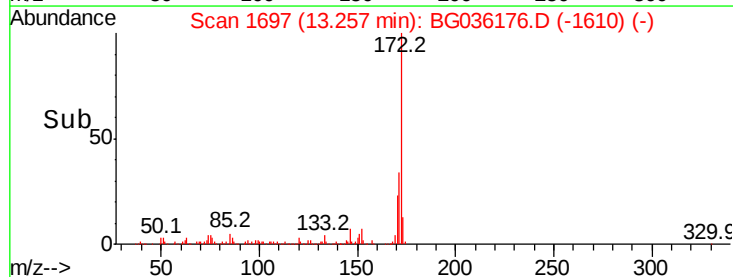
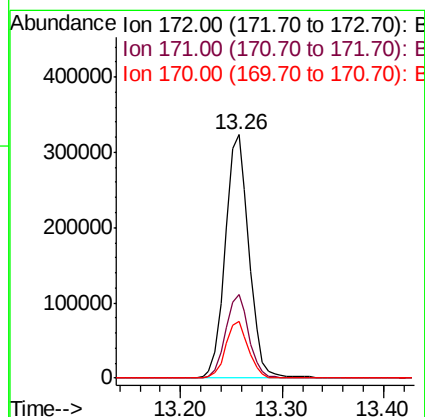
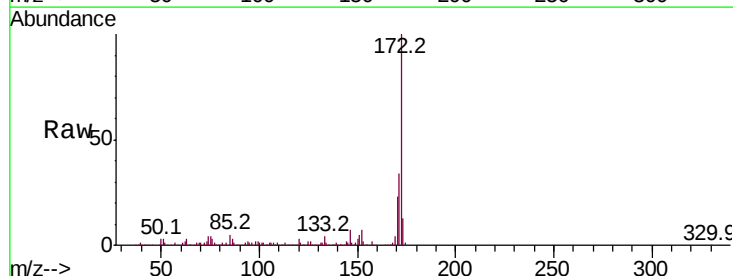
Instrument :
 BNA_G
 ClientSampleId :
 MW-A03

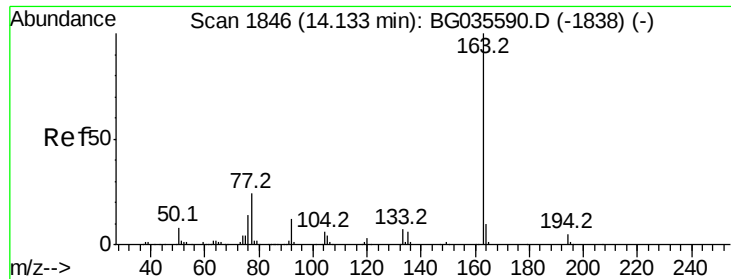
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	39.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 105.457 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036176.D
 Acq: 8 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.3	19.5	29.3





#49

Dimethylphthalate

Concen: 2.086 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

Instrument :

BNA_G

ClientSampleId :

MW-A03

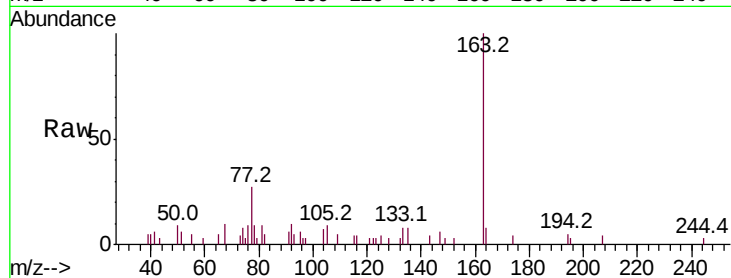
Tot Ion:163 Resp: 12151

Ion Ratio Lower Upper

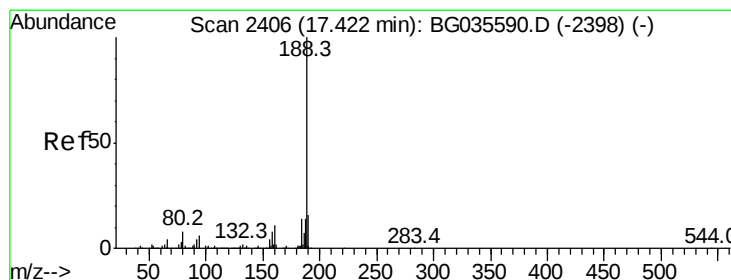
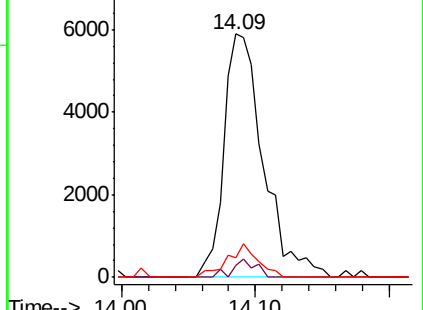
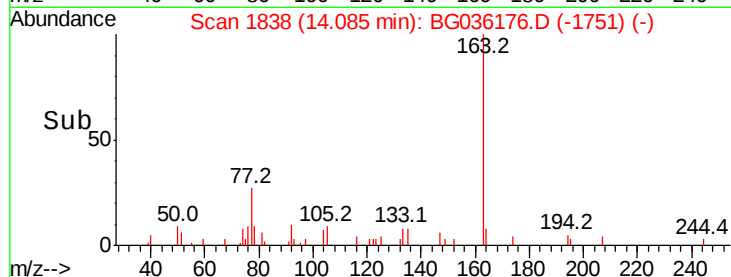
163 100

194 5.1 3.4 5.2

164 8.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

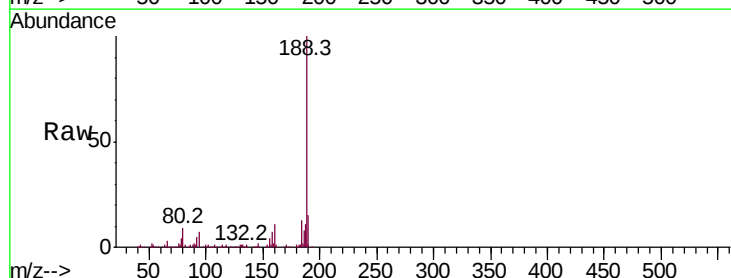
Tgt Ion:188 Resp: 201507

Ion Ratio Lower Upper

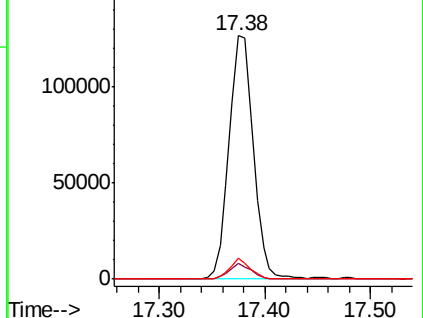
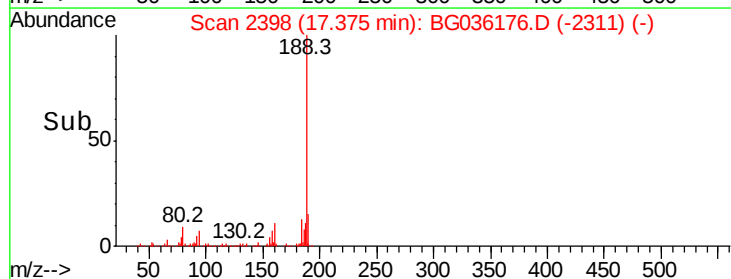
188 100

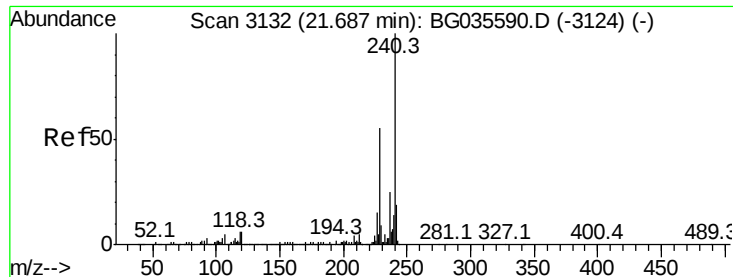
94 6.7 6.9 10.3#

80 8.6 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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

Instrument :

BNA_G

ClientSampleId :

MW-A03

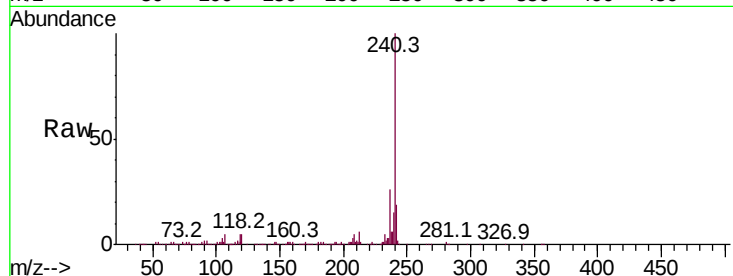
Tot Ion:240 Resp: 233365

Ion Ratio Lower Upper

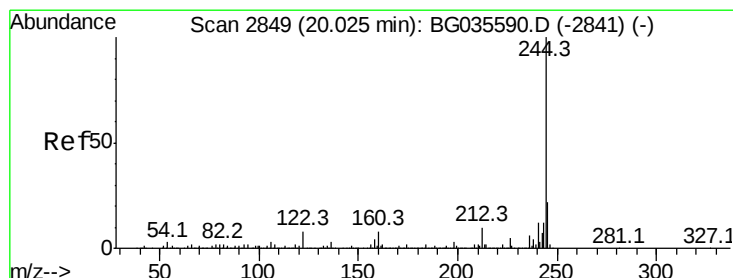
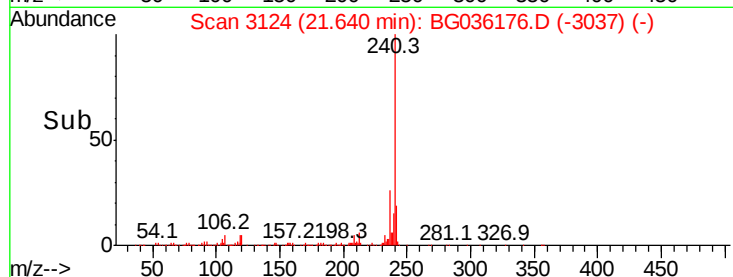
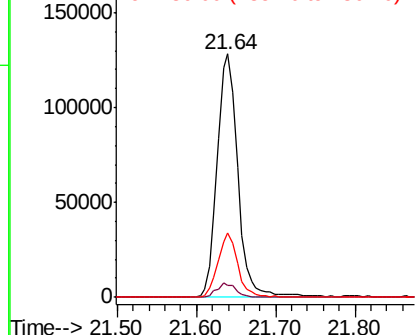
240 100

120 4.7 6.8 10.2#

236 26.2 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



#78

Terphenyl-d14

Concen: 110.104 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

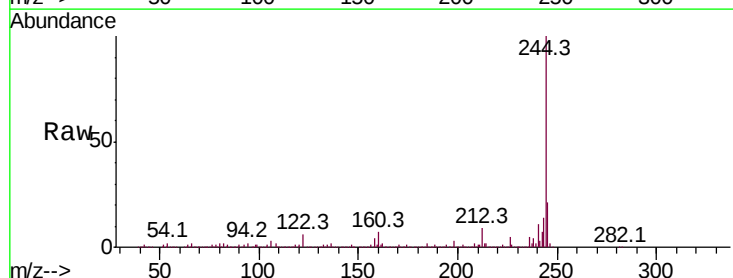
Tgt Ion:244 Resp: 1165647

Ion Ratio Lower Upper

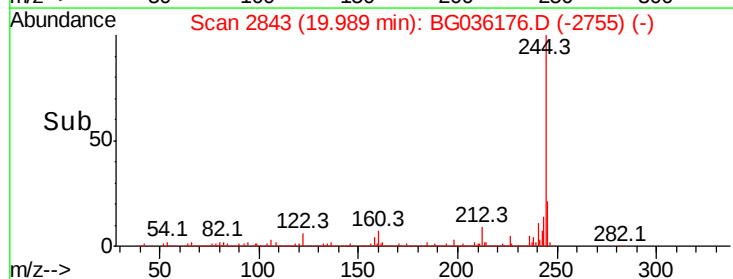
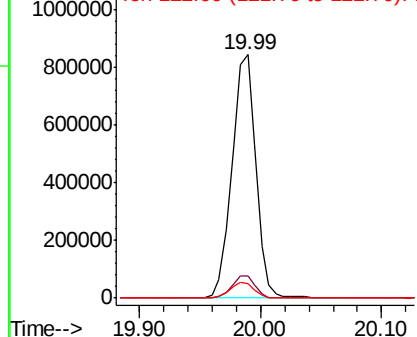
244 100

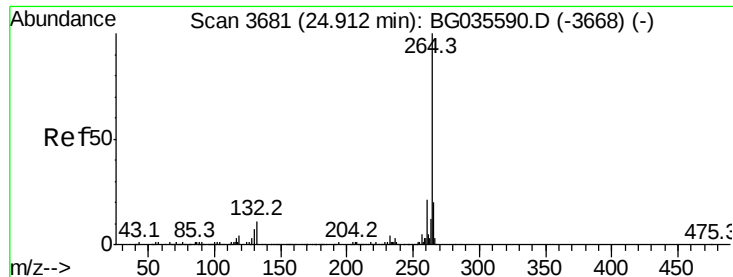
212 8.9 5.8 8.8#

122 6.1 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: 24.82 min Scan# 3666
 Delta R.T. -0.04 min
 Lab File: BG036176.D
 Acq: 8 Aug 2018 00:18

Instrument :
 BNA_G
 ClientSampleId :
 MW-A03

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.9	17.7	26.5

