

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
 Data File : BG039565.D
 Acq On : 19 Feb 2019 21:42
 Operator : JU/SJ
 Sample : K1528-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Feb 20 01:17:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

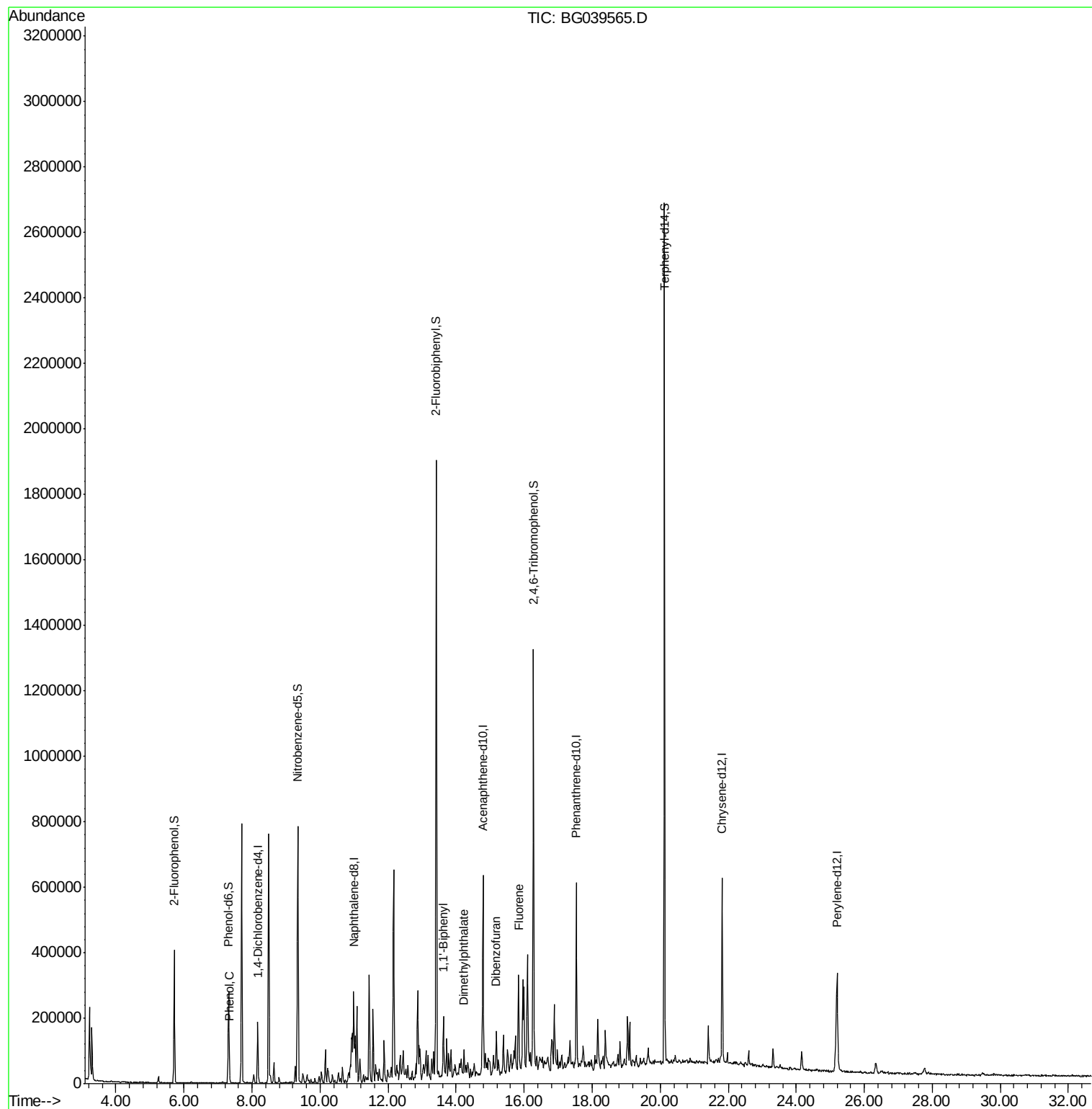
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	52395	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	230710	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	154027	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	351400	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	357624	20.00	ng	-0.03
87) Perylene-d12	25.20	264	350019	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	172798	56.45	ng	0.00
7) Phenol-d6	7.31	99	161853	35.92	ng	0.00
23) Nitrobenzene-d5	9.34	82	427773	115.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	217520	131.15	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	980036	91.28	ng	-0.02
79) Terphenyl-d14	20.13	244	1277337	75.60	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	11038	2.350	ng	89
46) 1,1'-Biphenyl	13.63	154	68080	5.312	ng	99
50) Dimethylphthalate	14.23	163	36614	2.943	ng	99
55) Dibenzofuran	15.18	168	81223	5.365	ng	97
58) Fluorene	15.84	166	143103	12.679	ng	96

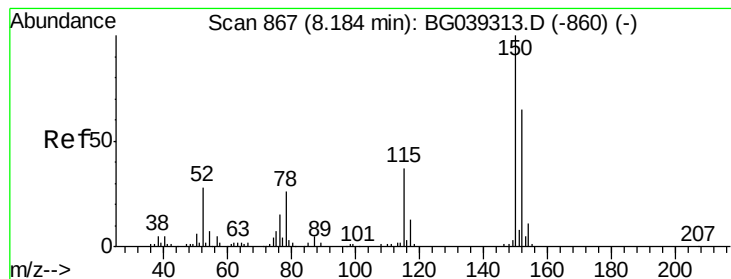
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG039565.D

Acq: 19 Feb 2019 21:42

Instrument :

BNA_G

ClientSampleId :

MW-4

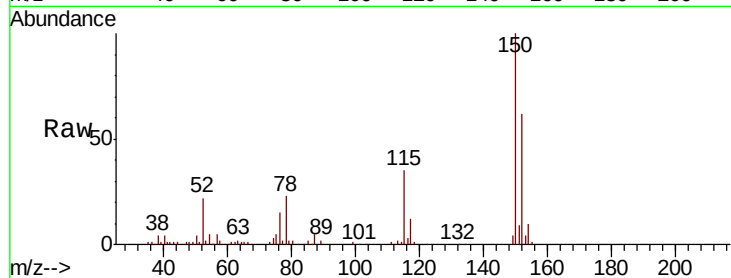
Tot Ion:152 Resp: 52395

Ion Ratio Lower Upper

152 100

150 161.0 123.7 185.5

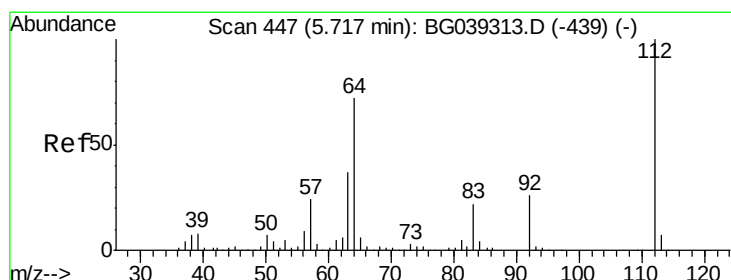
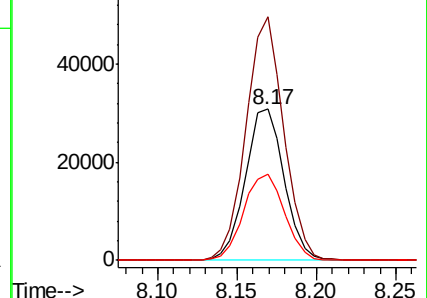
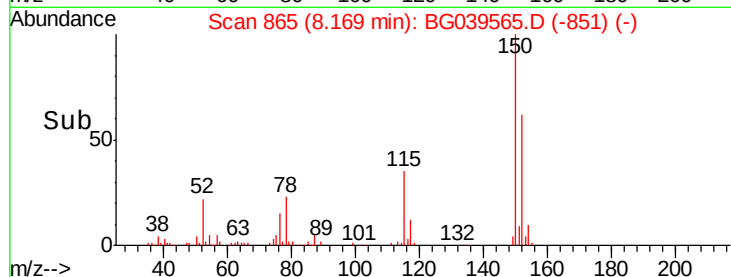
115 56.9 45.9 68.9



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: 56.445 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039565.D

Acq: 19 Feb 2019 21:42

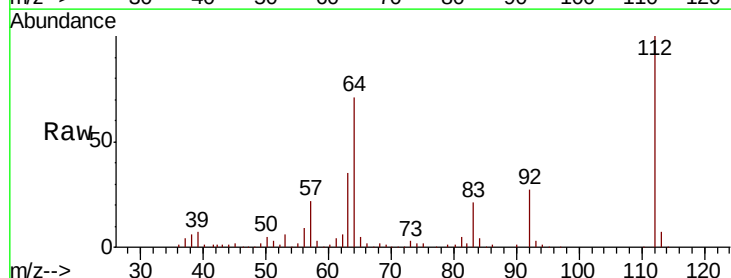
Tgt Ion:112 Resp: 172798

Ion Ratio Lower Upper

112 100

64 70.6 57.8 86.8

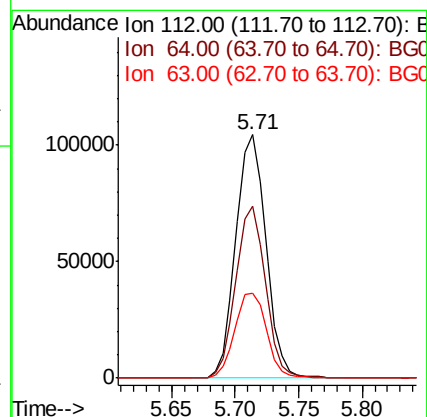
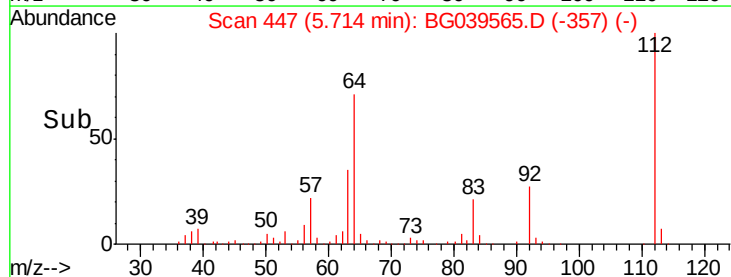
63 34.9 29.8 44.6

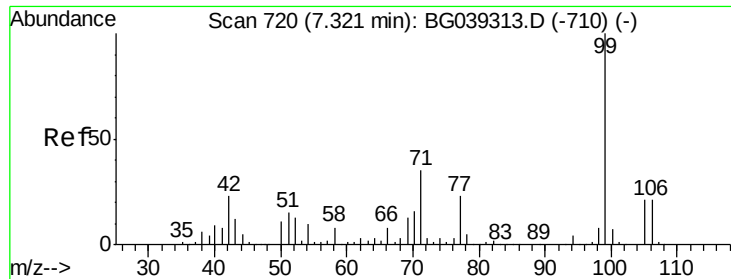


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.918 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039565.D

Acq: 19 Feb 2019 21:42

Instrument :

BNA_G

ClientSampleId :

MW-4

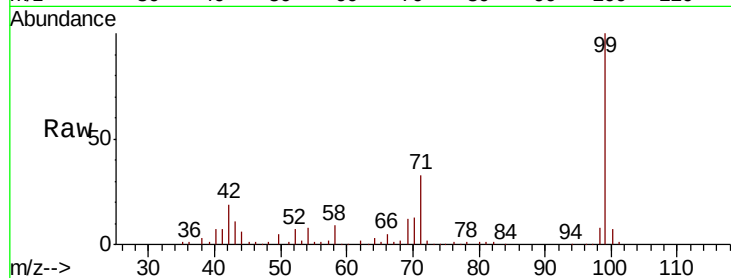
Tot Ion: 99 Resp: 161853

Ion Ratio Lower Upper

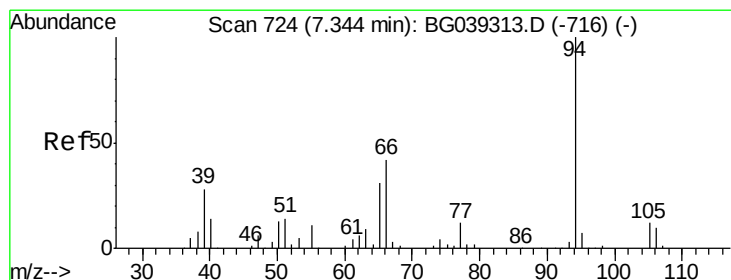
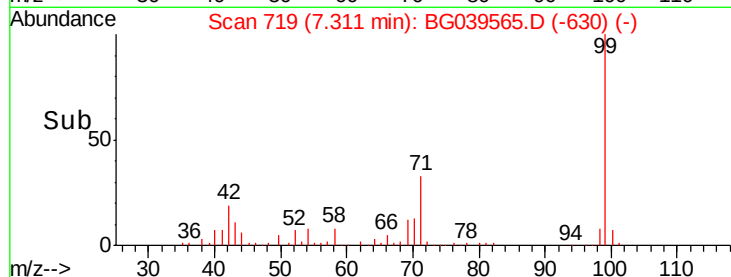
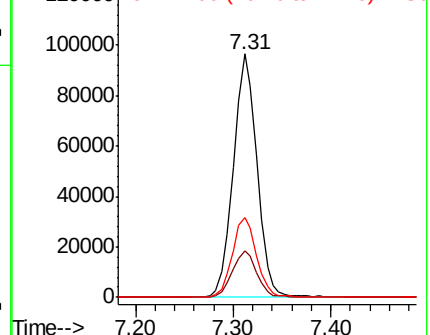
99 100

42 19.3 18.2 27.2

71 32.5 28.0 42.0



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



#10

Phenol

Concen: 2.350 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039565.D

Acq: 19 Feb 2019 21:42

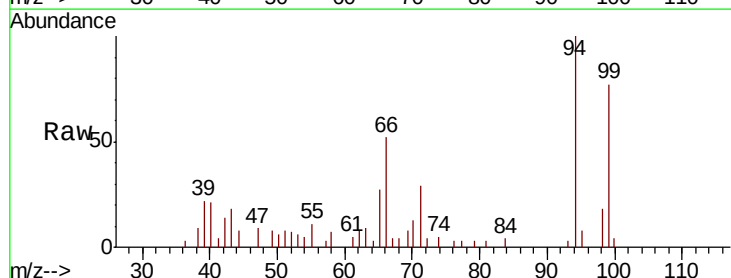
Tgt Ion: 94 Resp: 11038

Ion Ratio Lower Upper

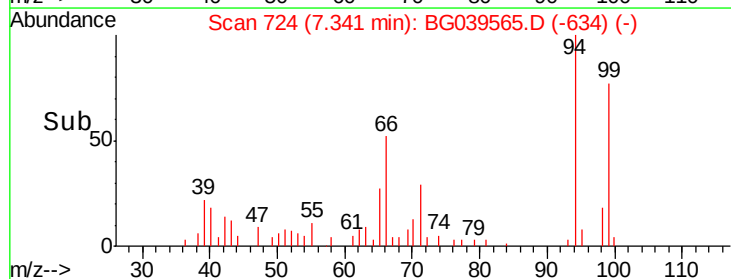
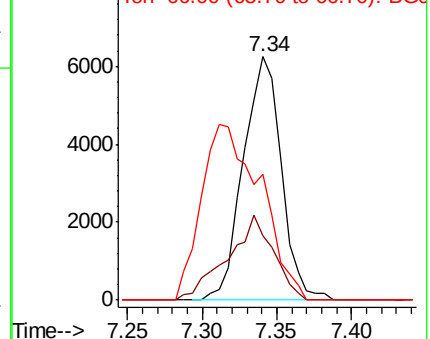
94 100

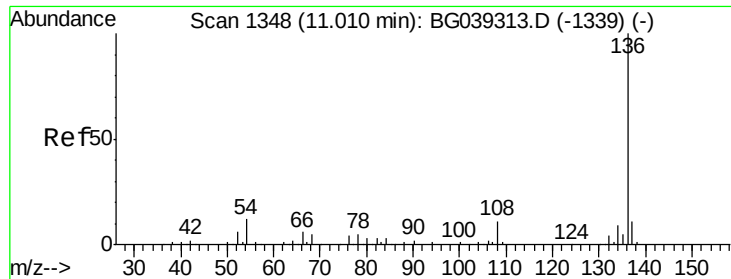
65 26.7 11.7 51.7

66 51.9 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

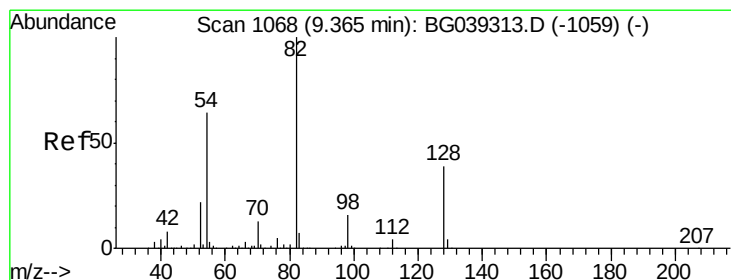
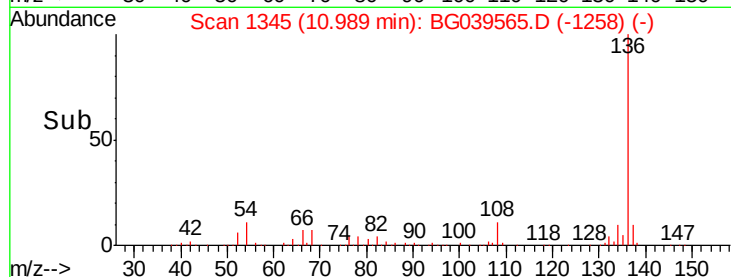
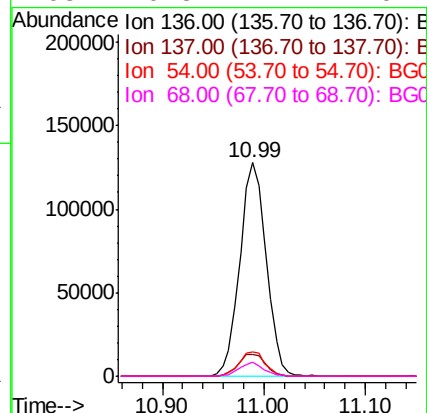
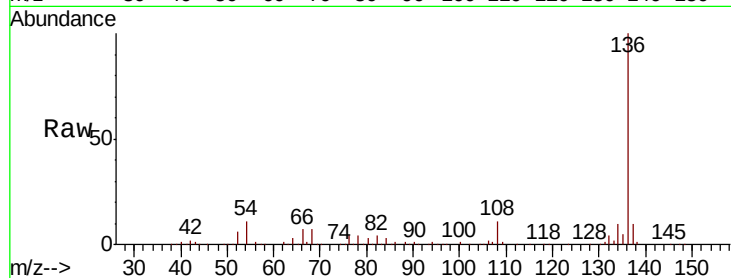




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039565.D
Acq: 19 Feb 2019 21:42

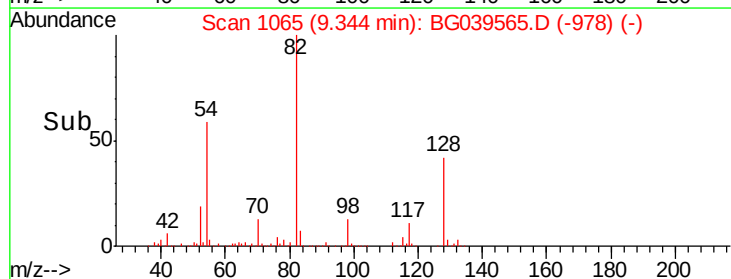
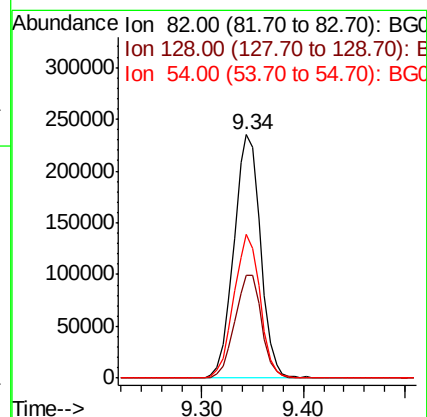
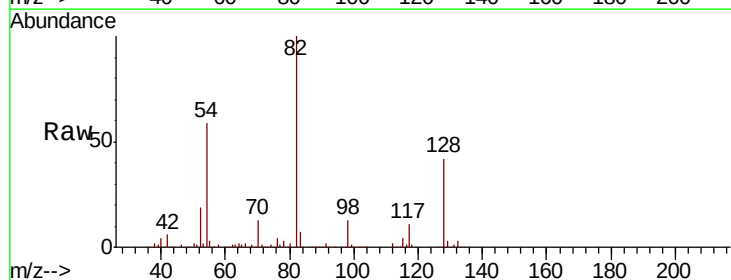
Instrument :
BNA_G
ClientSampleId :
MW-4

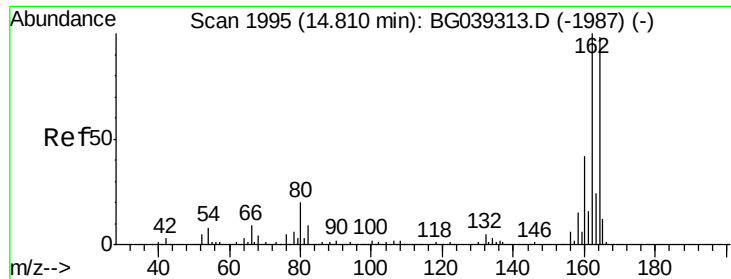
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	11.4	9.4	14.2
68	6.8	4.2	6.4



#23
Nitrobenzene-d5
Concen: 115.832 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039565.D
Acq: 19 Feb 2019 21:42

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.3	46.9
54	59.2	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039565.D

Acq: 19 Feb 2019 21:42

Instrument :

BNA_G

ClientSampleId :

MW-4

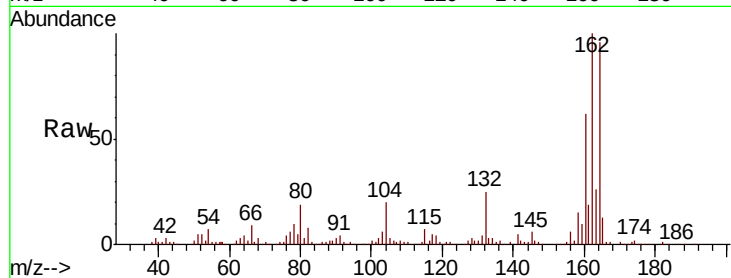
Tot Ion:164 Resp: 154027

Ion Ratio Lower Upper

164 100

162 104.2 81.6 122.4

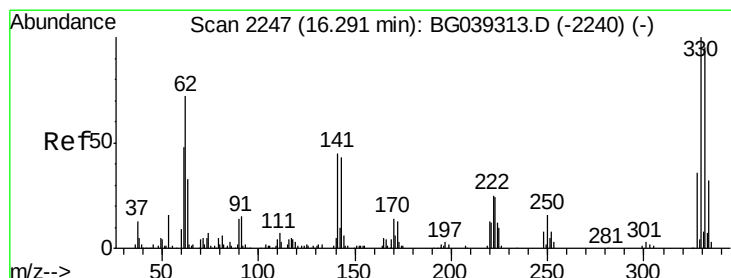
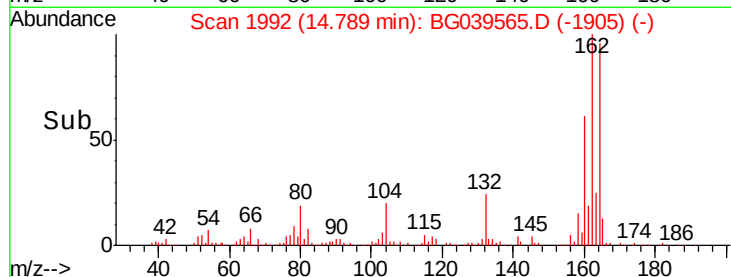
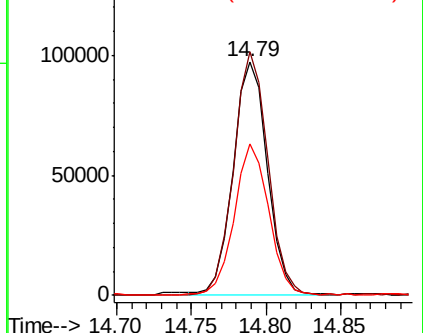
160 65.0 34.2 51.2#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 131.146 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG039565.D

Acq: 19 Feb 2019 21:42

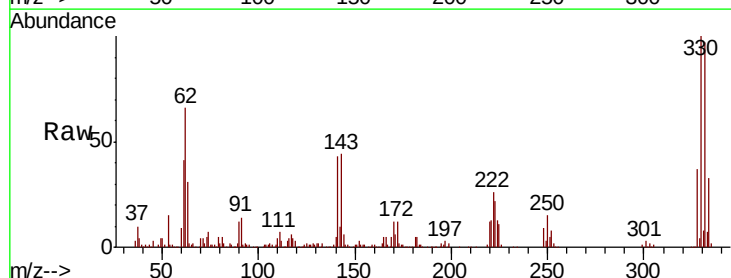
Tgt Ion:330 Resp: 217520

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

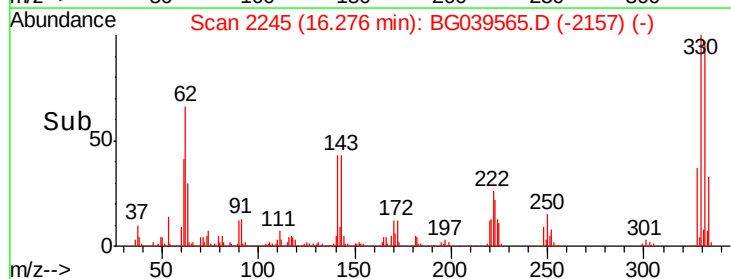
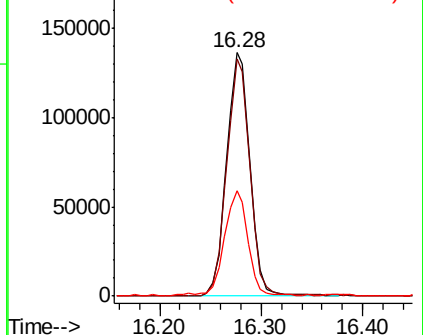
141 42.6 35.6 53.4

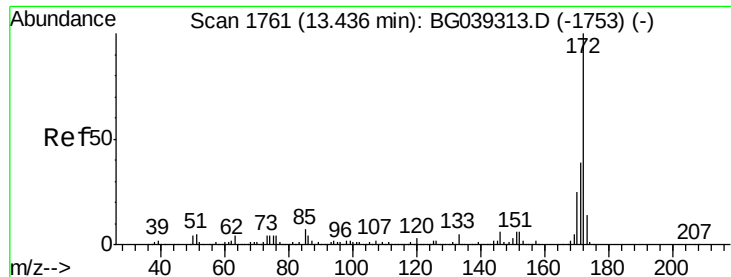


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

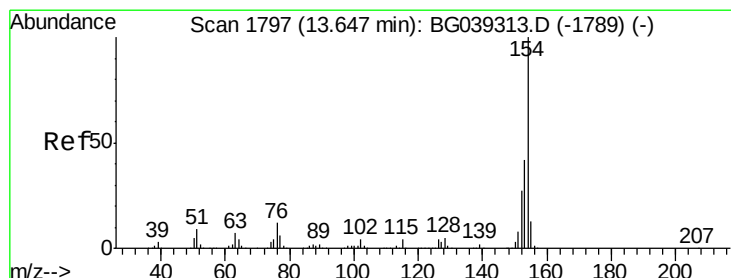
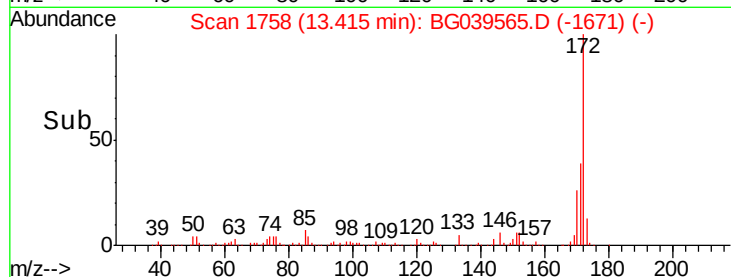
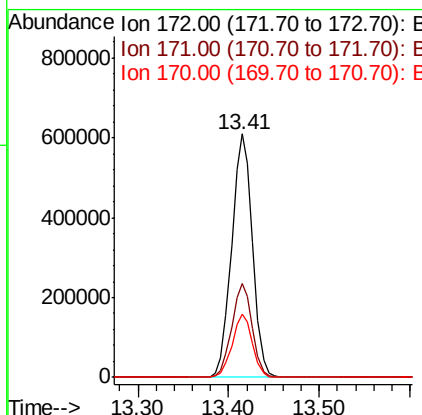
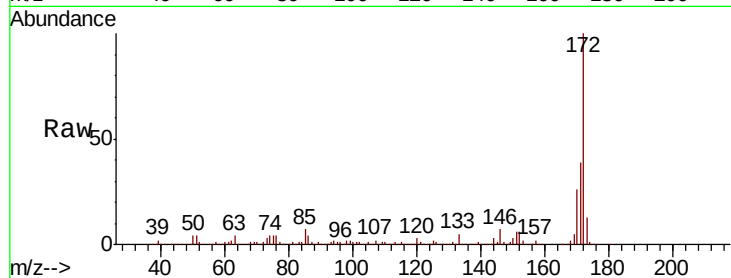




#45
2-Fluorobiphenyl
Concen: 91.277 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039565.D
Acq: 19 Feb 2019 21:42

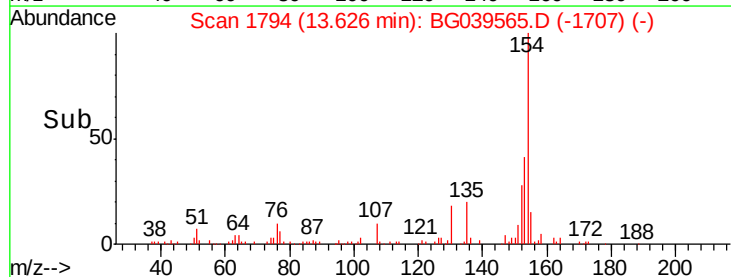
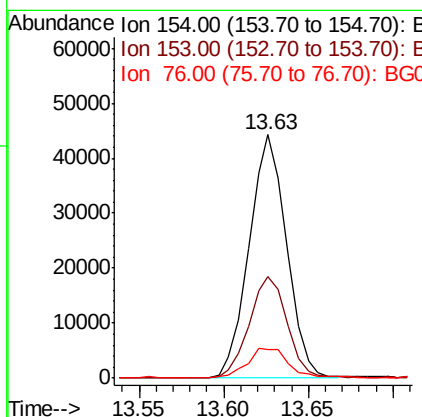
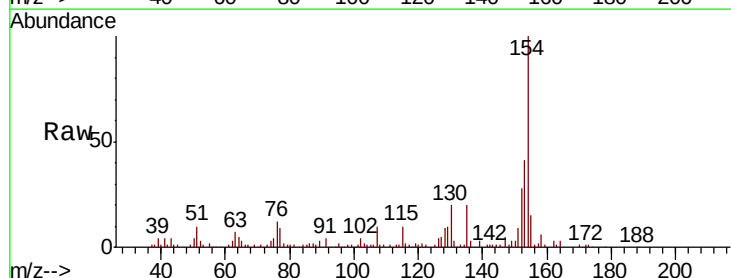
Instrument :
BNA_G
ClientSampleId :
MW-4

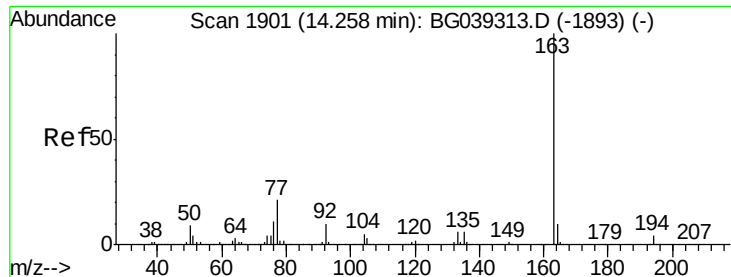
Tot Ion:172 Resp: 980036
Ion Ratio Lower Upper
172 100
171 38.8 30.8 46.2
170 26.1 20.2 30.4



#46
1,1'-Biphenyl
Concen: 5.312 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039565.D
Acq: 19 Feb 2019 21:42

Tgt Ion:154 Resp: 68080
Ion Ratio Lower Upper
154 100
153 41.5 22.1 62.1
76 11.5 0.0 32.4





#50

Dimethylphthalate

Concen: 2.943 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.03 min

Lab File: BG039565.D

Acq: 19 Feb 2019 21:42

Instrument :

BNA_G

ClientSampleId :

MW-4

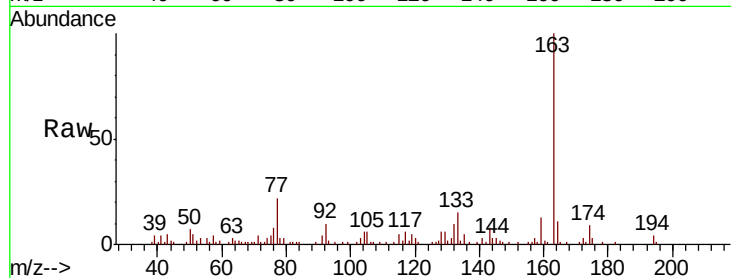
Tot Ion:163 Resp: 36614

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

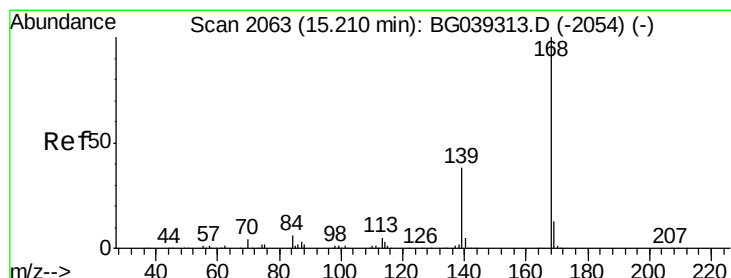
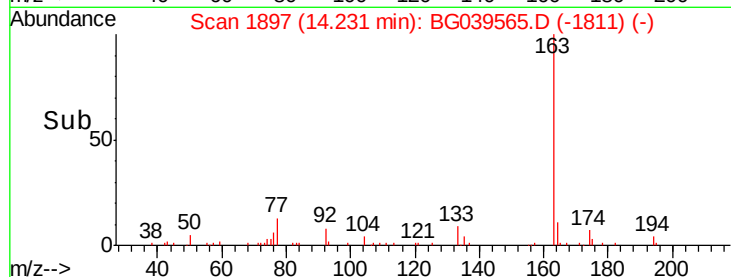
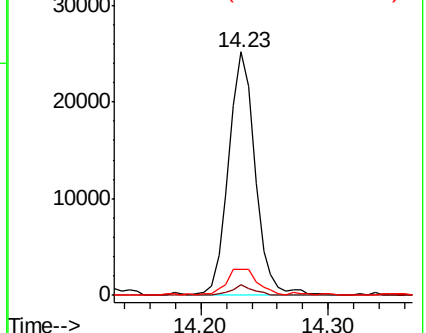
164 10.8 8.4 12.6



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



#55

Dibenzofuran

Concen: 5.365 ng

RT: 15.18 min Scan# 2059

Delta R.T. -0.03 min

Lab File: BG039565.D

Acq: 19 Feb 2019 21:42

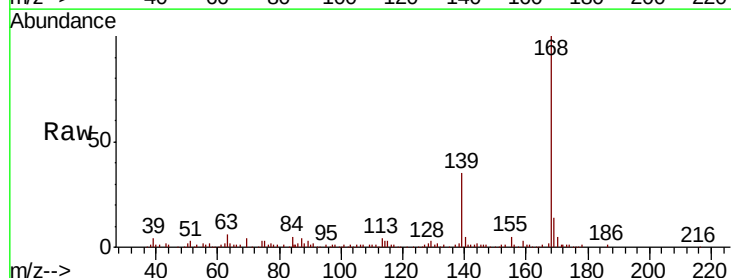
Tgt Ion:168 Resp: 81223

Ion Ratio Lower Upper

168 100

139 35.5 30.1 45.1

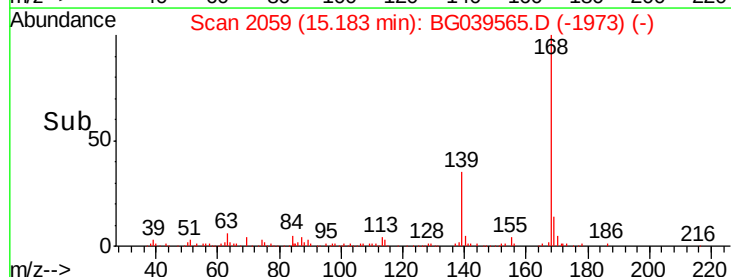
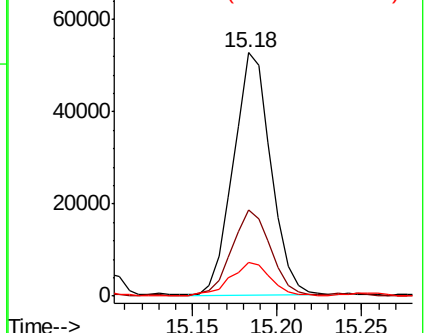
169 13.7 10.6 16.0

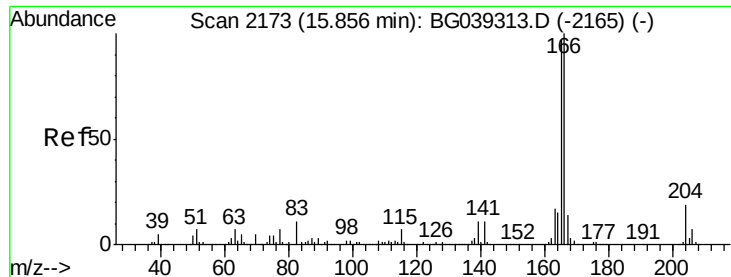


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

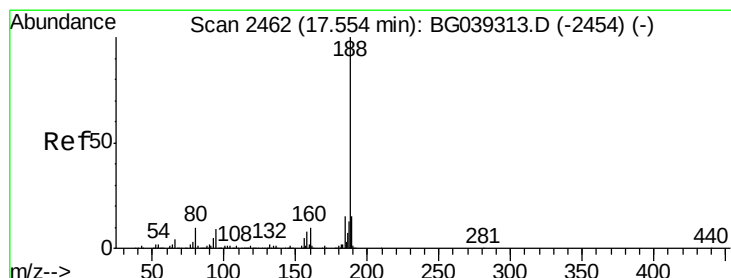
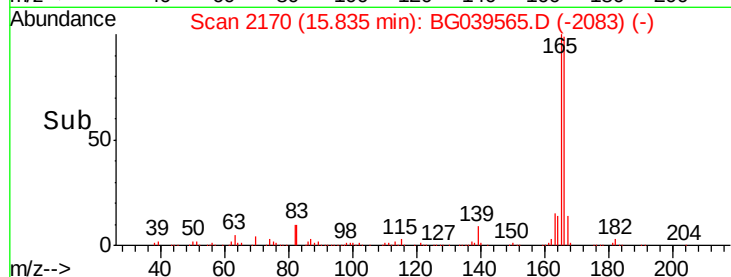
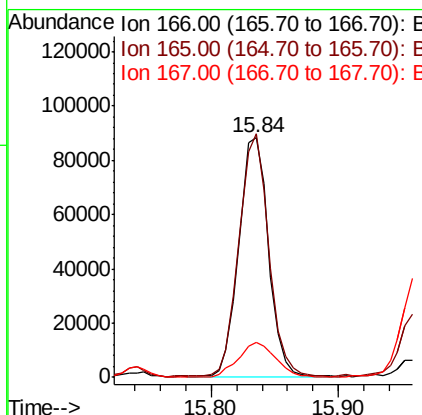
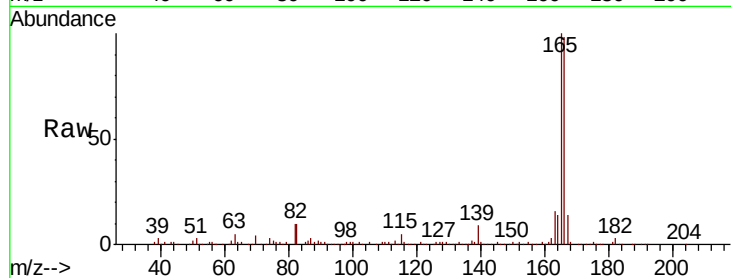




#58
 Fluorene
 Concen: 12.679 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039565.D
 Acq: 19 Feb 2019 21:42

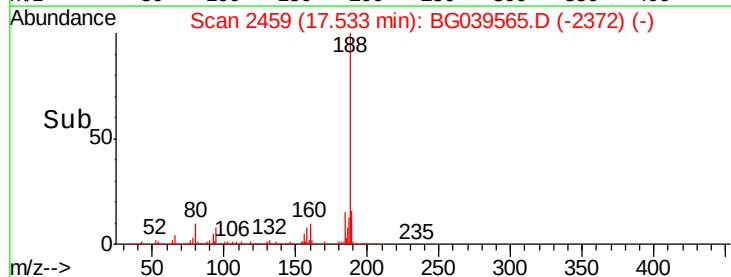
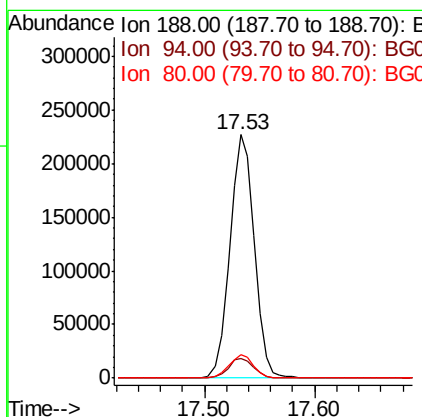
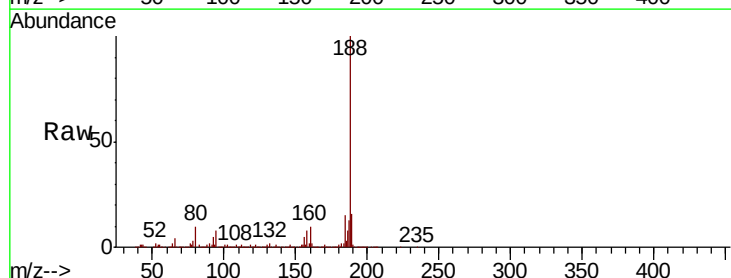
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

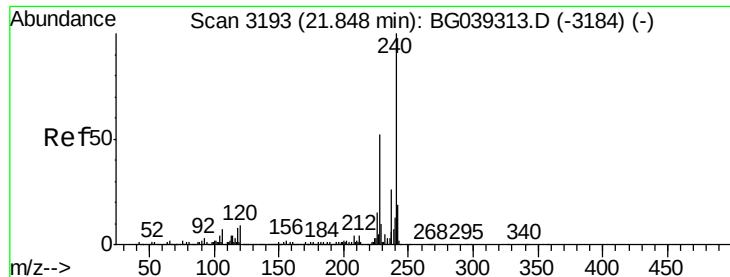
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.9	116.9
167	14.4	10.8	16.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2459
 Delta R.T. -0.02 min
 Lab File: BG039565.D
 Acq: 19 Feb 2019 21:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.8	8.1	12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039565.D

Acq: 19 Feb 2019 21:42

Instrument :

BNA_G

ClientSampled :

MW-4

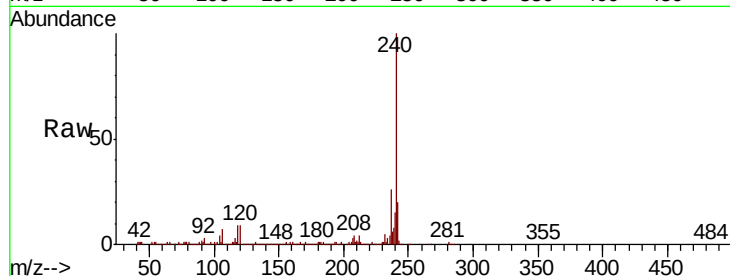
Tot Ion:240 Resp: 357624

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

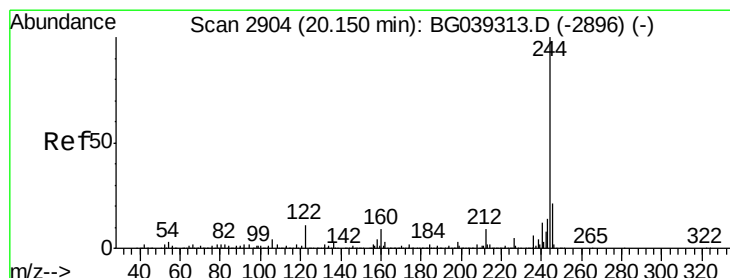
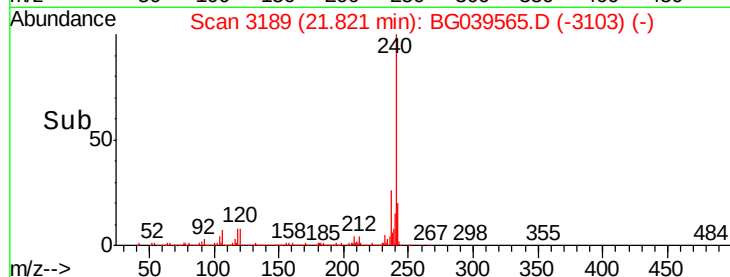
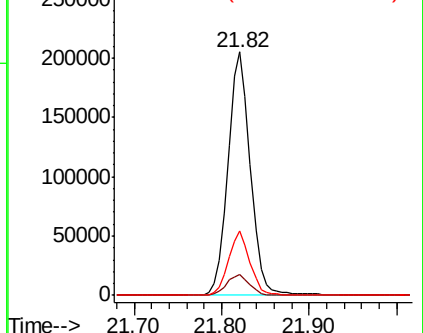
236 26.4 21.0 31.4



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



#79

Terphenyl-d14

Concen: 75.602 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039565.D

Acq: 19 Feb 2019 21:42

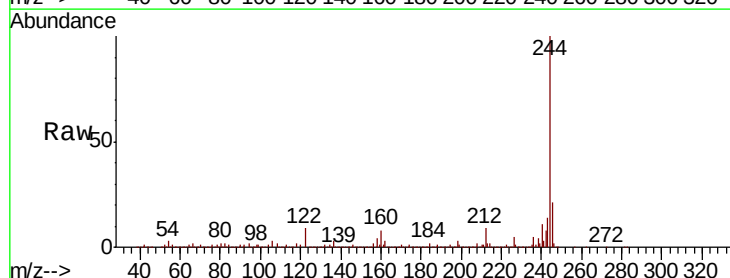
Tgt Ion:244 Resp: 1277337

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

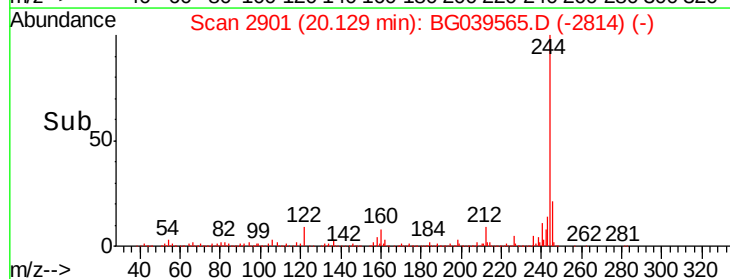
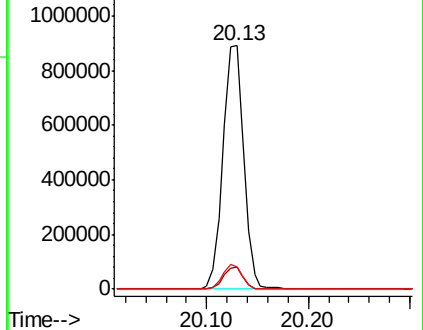
122 9.0 8.4 12.6

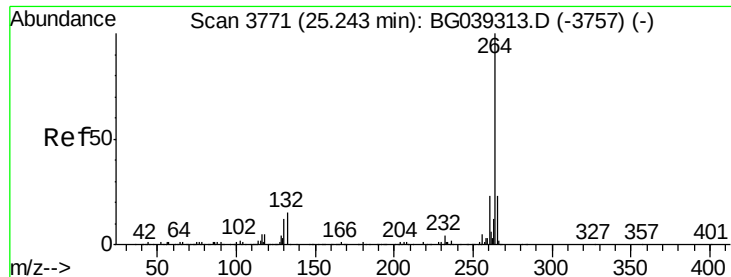


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039565.D
Acq: 19 Feb 2019 21:42

Instrument :
BNA_G
ClientSampleId :
MW-4

Tot Ion:	264	Resp:	350019
Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	22.0	18.5	27.7

