

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039934.D
 Acq On : 14 Mar 2019 21:00
 Operator : JU/SJ
 Sample : K1899-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5A

Quant Time: Mar 15 08:37:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

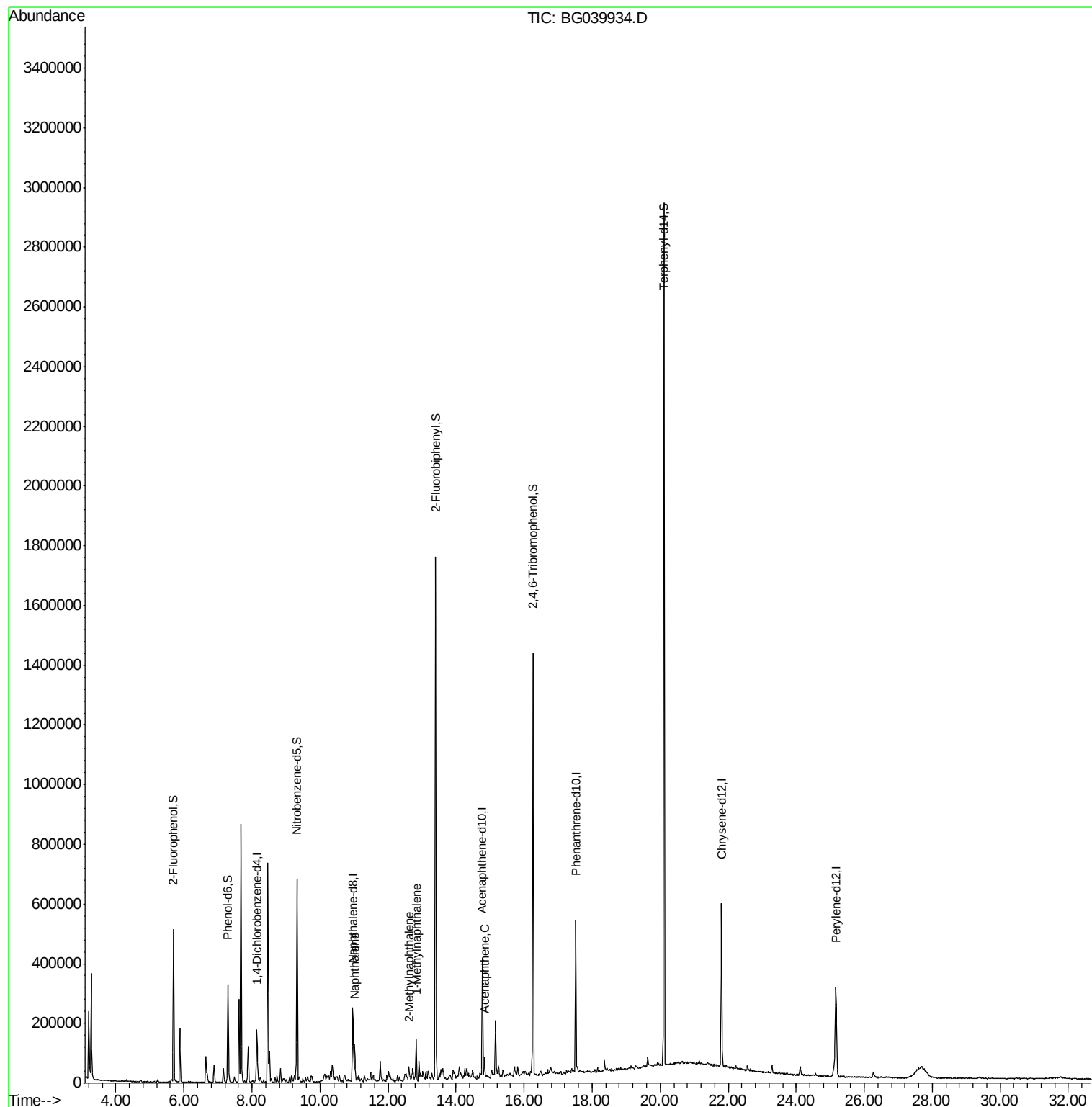
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	48090	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	205956	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	138446	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	320892	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	328527	20.00	ng	-0.02
87) Perylene-d12	25.17	264	344394	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	216182	76.69	ng	-0.02
7) Phenol-d6	7.29	99	203840	48.50	ng	-0.02
23) Nitrobenzene-d5	9.33	82	390587	102.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	242614	150.35	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	885500	91.07	ng	-0.02
79) Terphenyl-d14	20.11	244	1325712	88.85	ng	-0.01
Target Compounds						
31) Naphthalene	11.02	128	97893	8.977	ng	99
37) 2-Methylnaphthalene	12.61	142	20471	2.511	ng	93
38) 1-Methylnaphthalene	12.83	142	60896	7.686	ng	96
52) Acenaphthene	14.84	154	24137	2.852	ng	94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
Data File : BG039934.D
Acq On : 14 Mar 2019 21:00
Operator : JU/SJ
Sample : K1899-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5A

Quant Time: Mar 15 08:37:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration



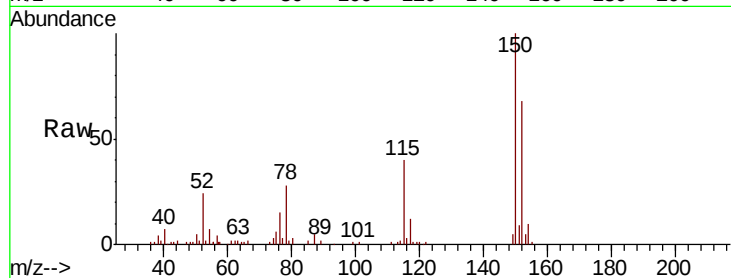


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039934.D
Acq: 14 Mar 2019 21:00

Instrument :
BNA_G
ClientSampleId :
MW-5A

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	123.7	185.5
115	59.1	45.9	68.9

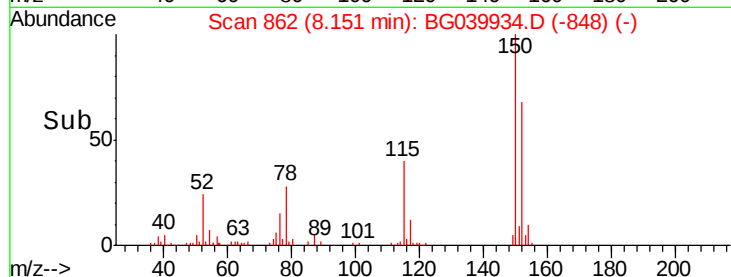
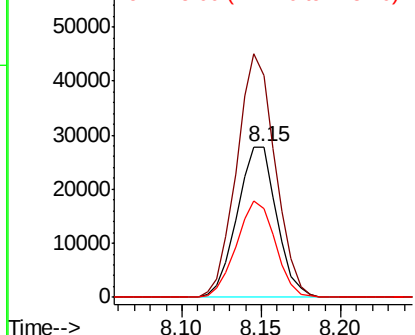


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

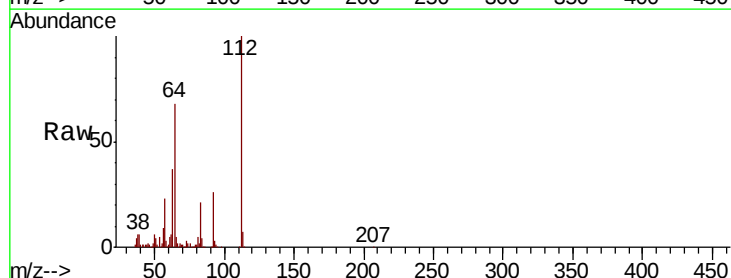
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.691 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039934.D
Acq: 14 Mar 2019 21:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	57.8	86.8
63	36.6	29.8	44.6

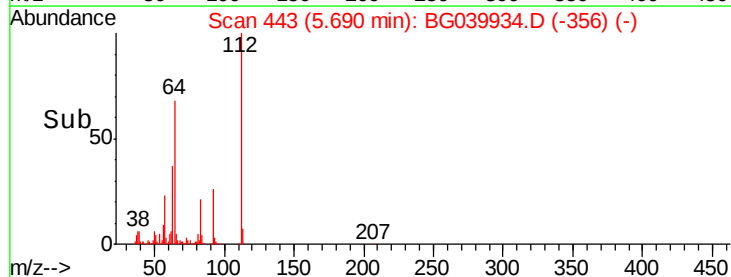
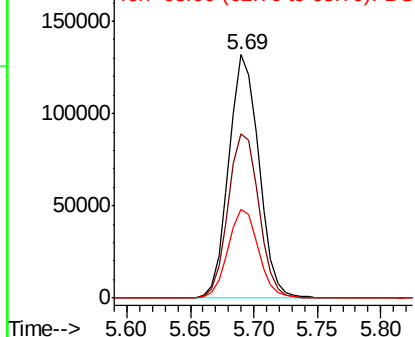


Abundance

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: 48.498 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039934.D

Acq: 14 Mar 2019 21:00

Instrument :

BNA_G

ClientSampled :

MW-5A

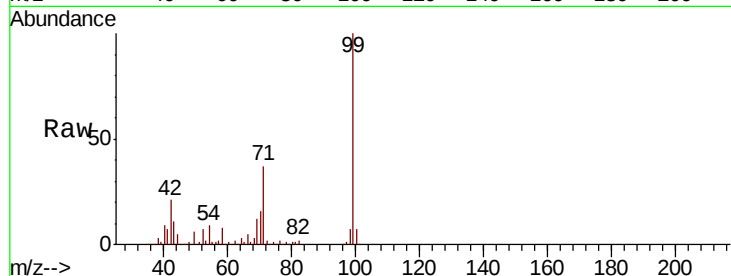
Tot Ion: 99 Resp: 203840

Ion Ratio Lower Upper

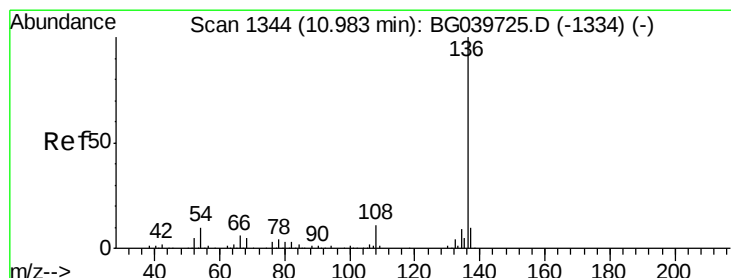
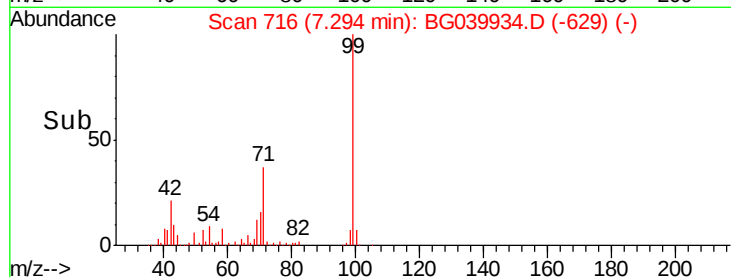
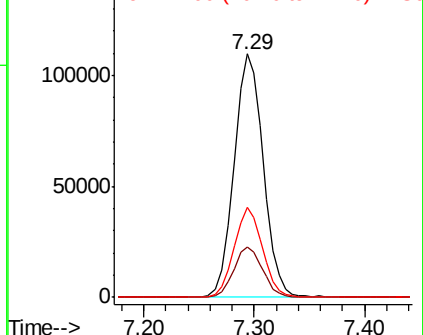
99 100

42 20.6 18.2 27.2

71 36.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039934.D

Acq: 14 Mar 2019 21:00

Tgt Ion: 136 Resp: 205956

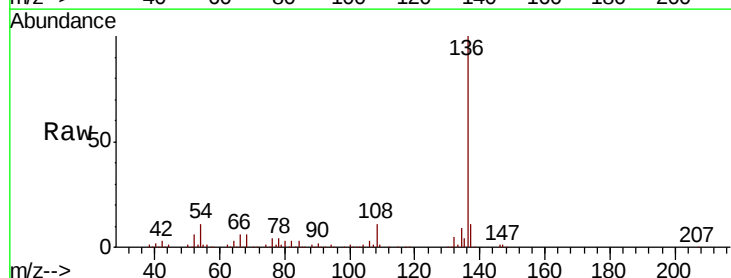
Ion Ratio Lower Upper

136 100

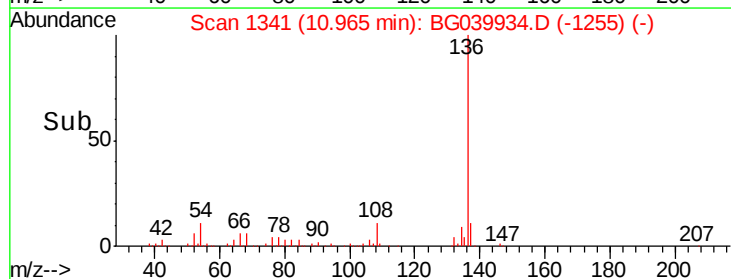
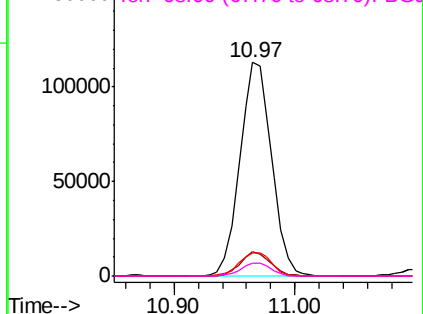
137 11.1 9.1 13.7

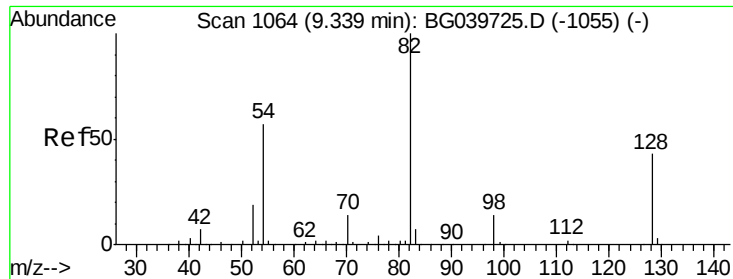
54 11.0 9.4 14.2

68 5.7 4.2 6.4



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

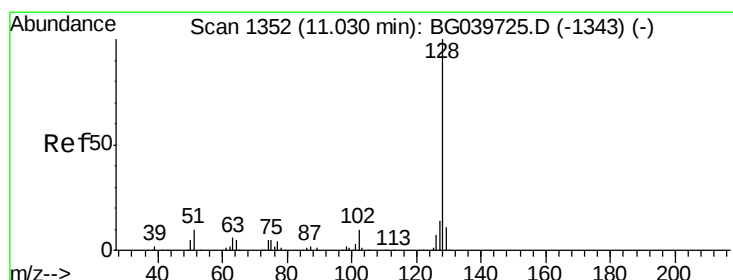
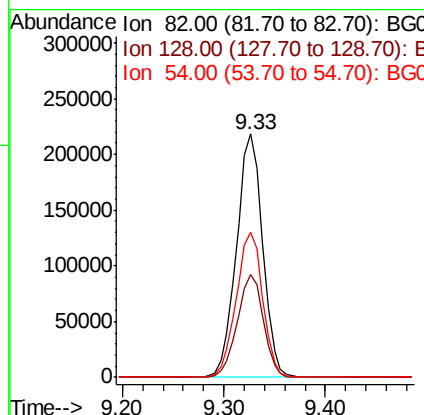
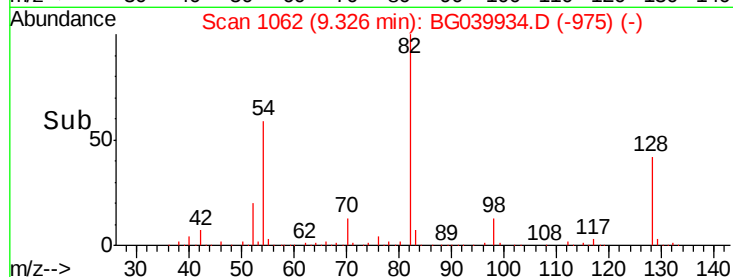
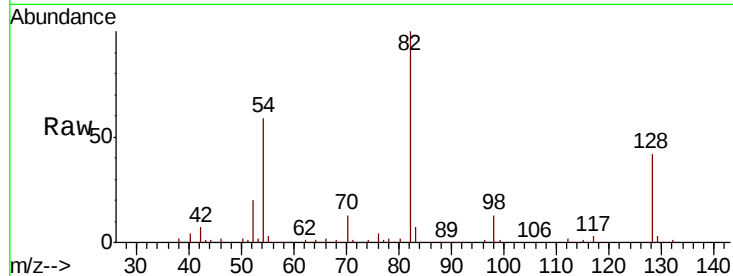




#23
Nitrobenzene-d5
Concen: 102.568 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039934.D
Acq: 14 Mar 2019 21:00

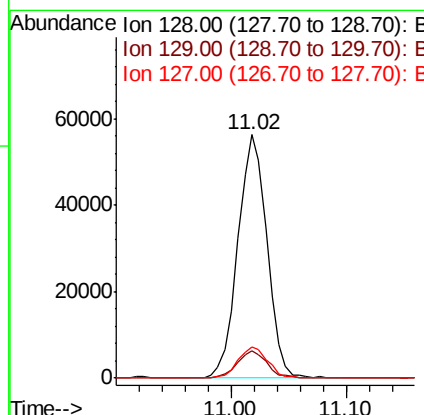
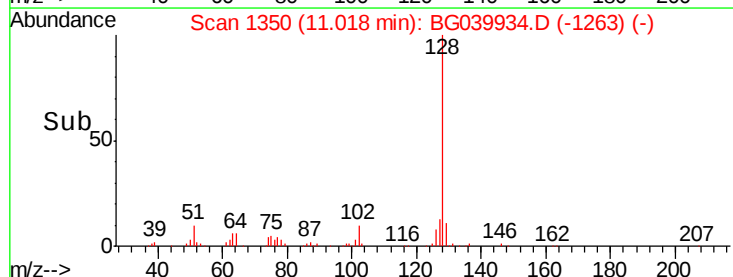
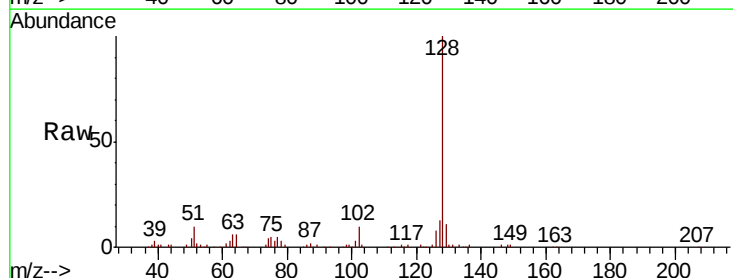
Instrument :
BNA_G
ClientSampled :
MW-5A

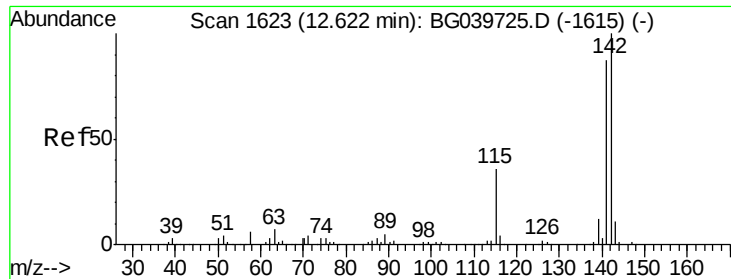
Tot Ion	82	Resp	390587
Ion Ratio	Lower	Upper	
82	100		
128	42.4	31.3	46.9
54	59.5	50.9	76.3



#31
Naphthalene
Concen: 8.977 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039934.D
Acq: 14 Mar 2019 21:00

Tgt Ion	128	Resp	97893
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.7	13.1
127	12.8	10.8	16.2

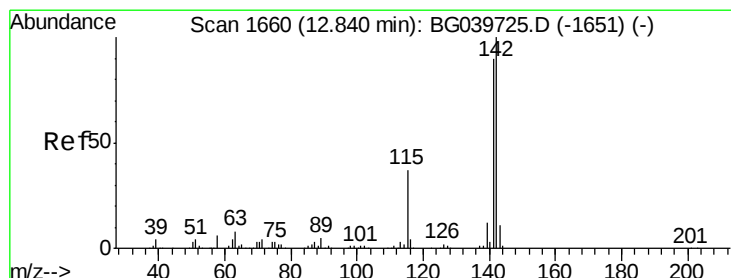
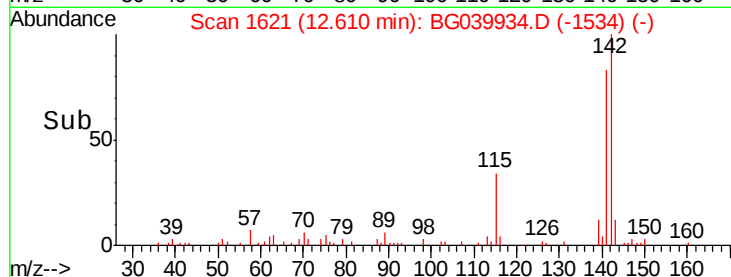
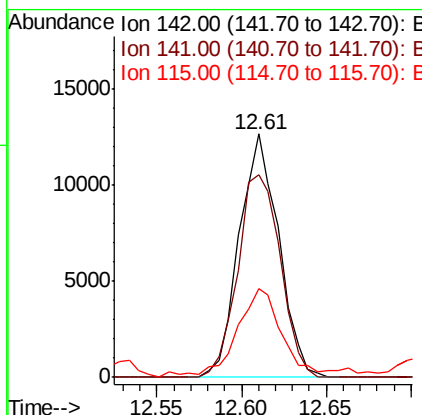
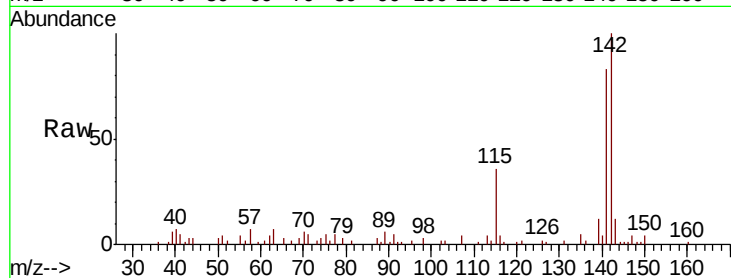




#37
2-Methylnaphthalene
Concen: 2.511 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039934.D
Acq: 14 Mar 2019 21:00

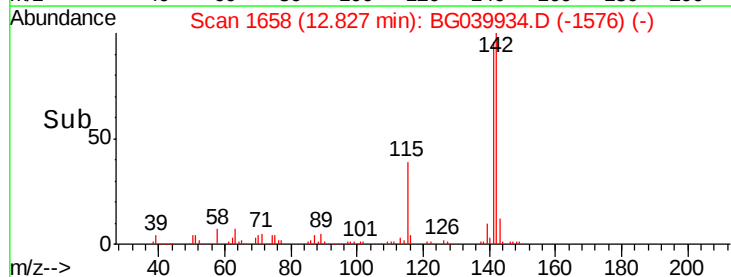
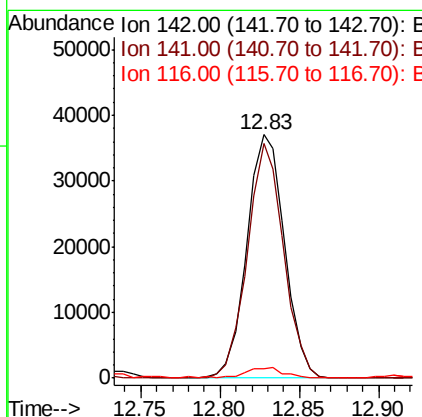
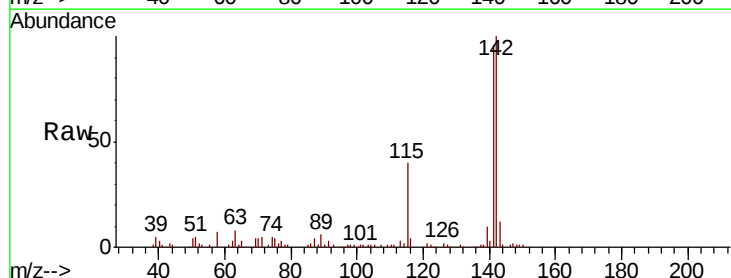
Instrument :
BNA_G
ClientSampleId :
MW-5A

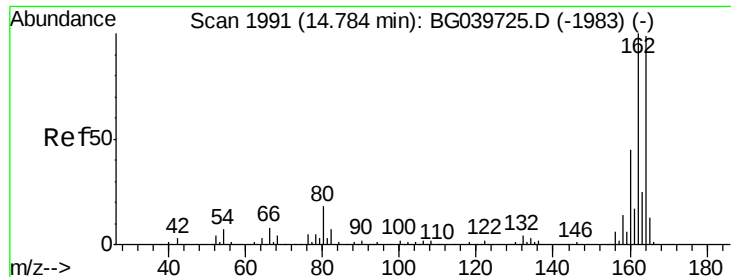
Tot Ion:142 Resp: 20471
Ion Ratio Lower Upper
142 100
141 83.5 73.5 110.3
115 36.3 30.8 46.2



#38
1-Methylnaphthalene
Concen: 7.686 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039934.D
Acq: 14 Mar 2019 21:00

Tgt Ion:142 Resp: 60896
Ion Ratio Lower Upper
142 100
141 96.3 74.2 111.4
116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039934.D

Acq: 14 Mar 2019 21:00

Instrument :

BNA_G

ClientSampleId :

MW-5A

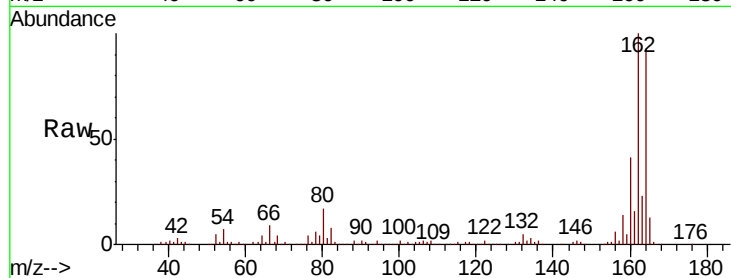
Tot Ion:164 Resp: 138446

Ion Ratio Lower Upper

164 100

162 107.2 81.6 122.4

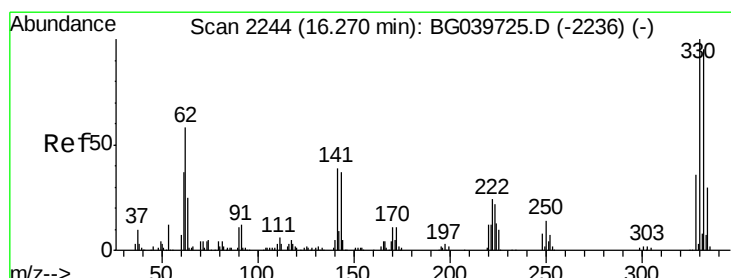
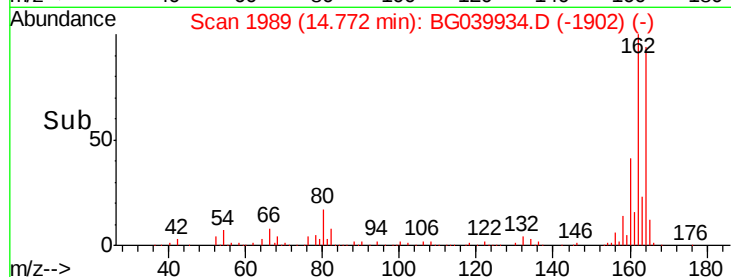
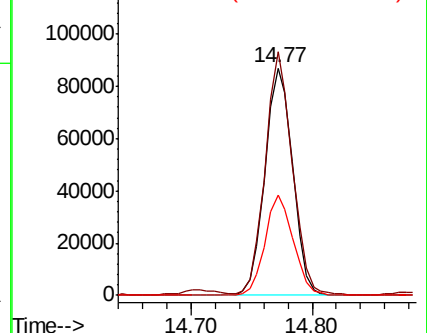
160 44.2 34.2 51.2



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: 150.347 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039934.D

Acq: 14 Mar 2019 21:00

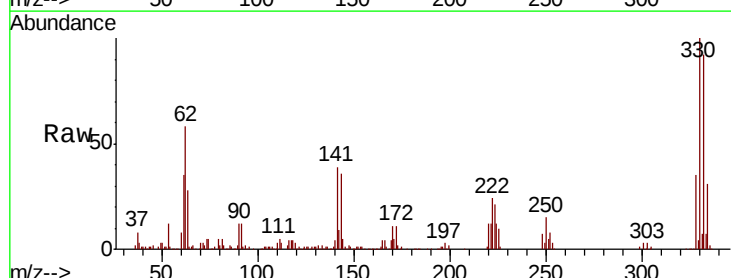
Tgt Ion:330 Resp: 242614

Ion Ratio Lower Upper

330 100

332 94.5 75.7 113.5

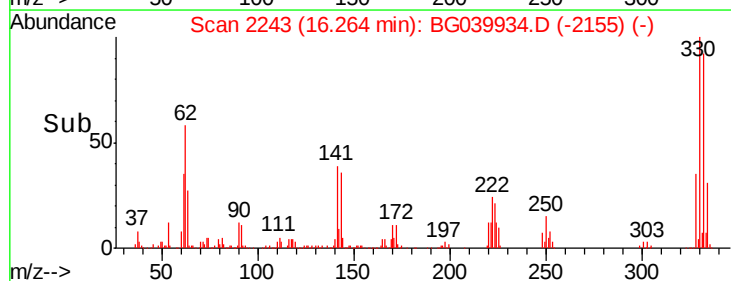
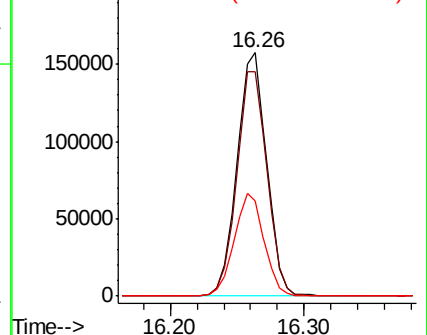
141 43.0 35.6 53.4

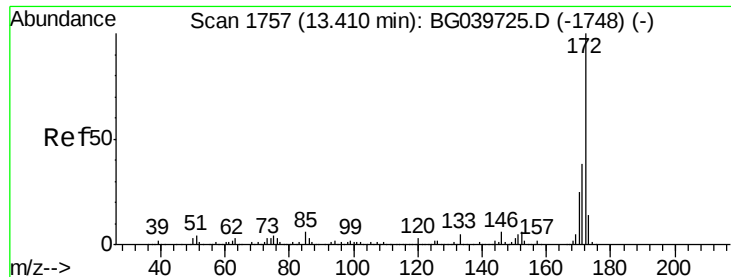


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

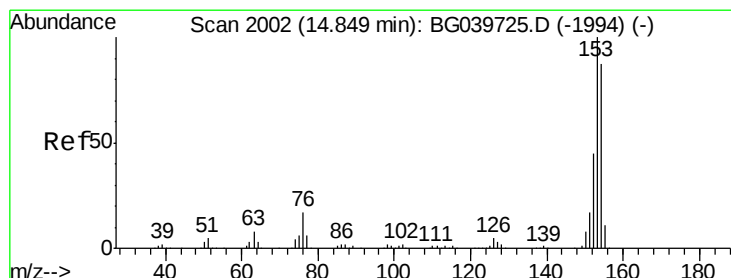
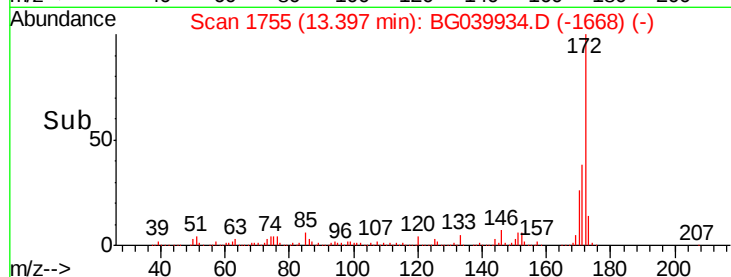
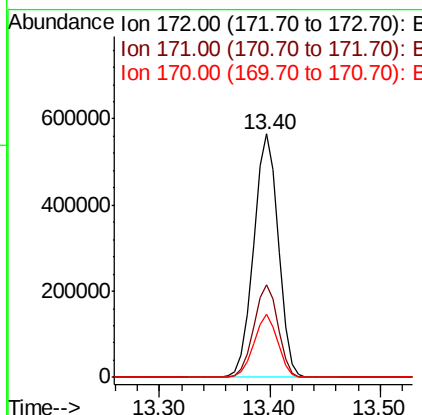
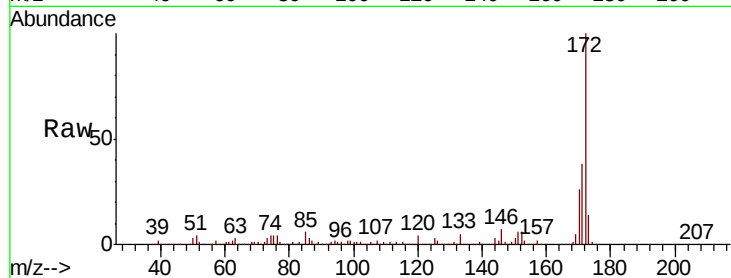




#45
2-Fluorobiphenyl
Concen: 91.068 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039934.D
Acq: 14 Mar 2019 21:00

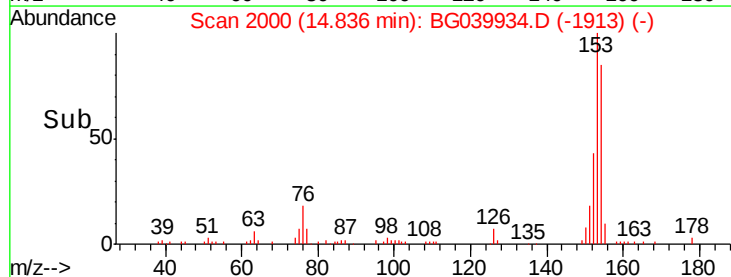
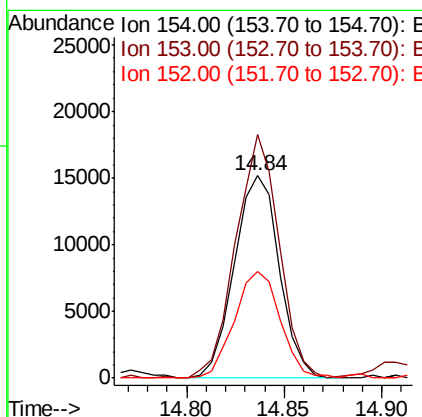
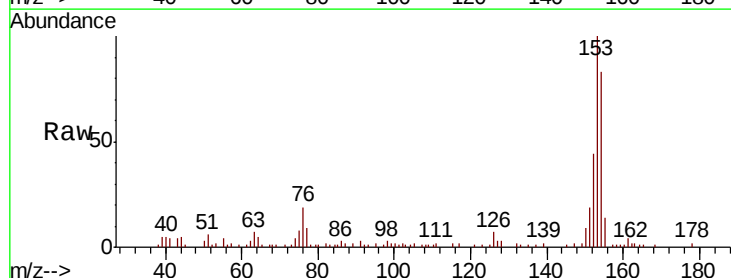
Instrument :
BNA_G
ClientSampleId :
MW-5A

Tot Ion:172 Resp: 885500
Ion Ratio Lower Upper
172 100
171 38.2 30.8 46.2
170 26.0 20.2 30.4



#52
Acenaphthene
Concen: 2.852 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG039934.D
Acq: 14 Mar 2019 21:00

Tgt Ion:154 Resp: 24137
Ion Ratio Lower Upper
154 100
153 120.3 90.1 135.1
152 52.6 40.9 61.3

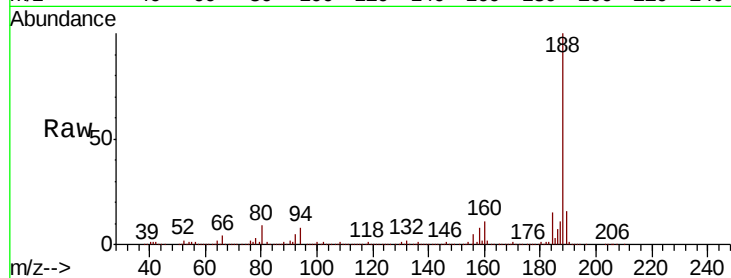




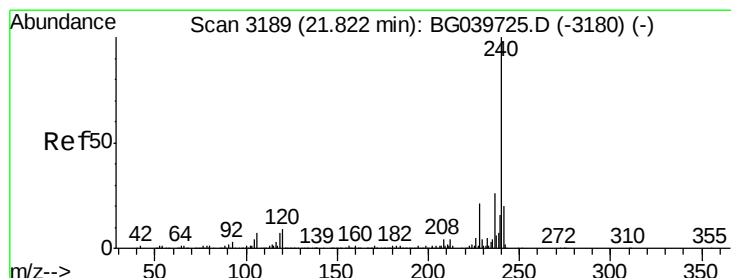
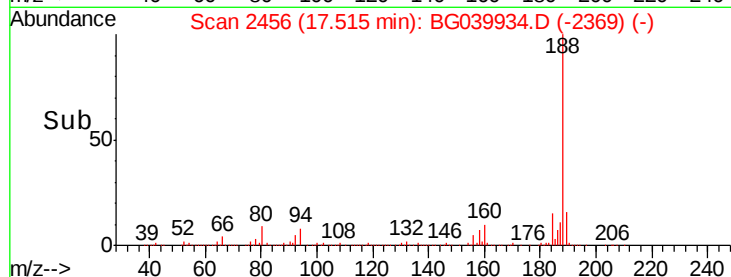
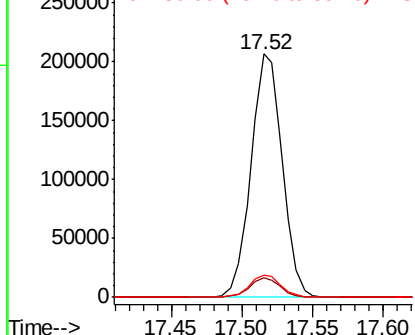
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039934.D
Acq: 14 Mar 2019 21:00

Instrument :
BNA_G
ClientSampleId :
MW-5A

Tot Ion:188 Resp: 320892
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.3 8.1 12.1

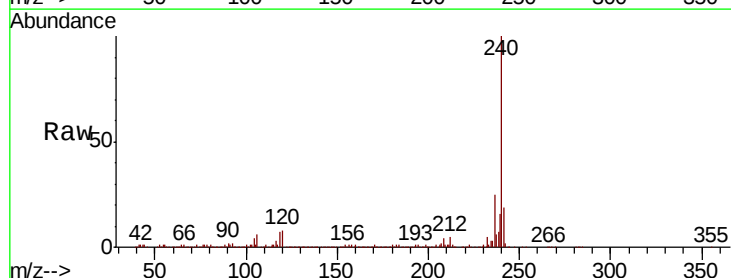


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

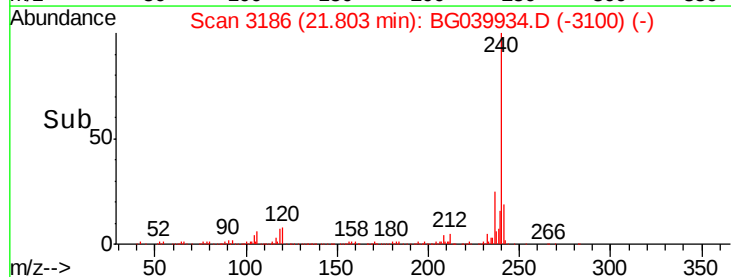
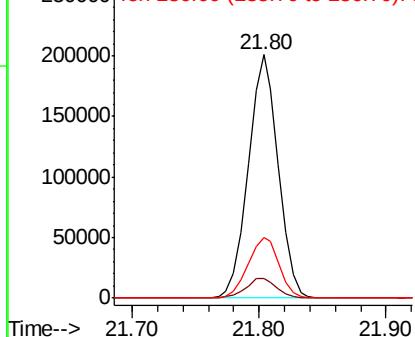


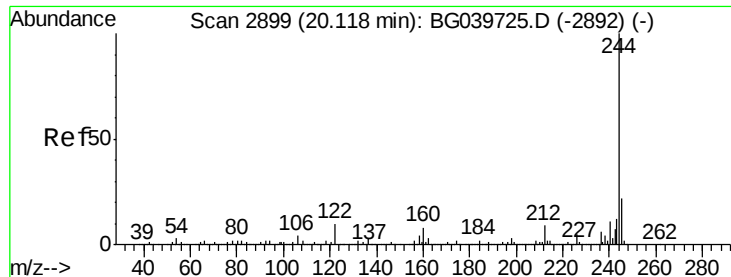
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039934.D
Acq: 14 Mar 2019 21:00

Tgt Ion:240 Resp: 328527
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 24.6 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: 88.850 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039934.D

Acq: 14 Mar 2019 21:00

Instrument :

BNA_G

ClientSampleId :

MW-5A

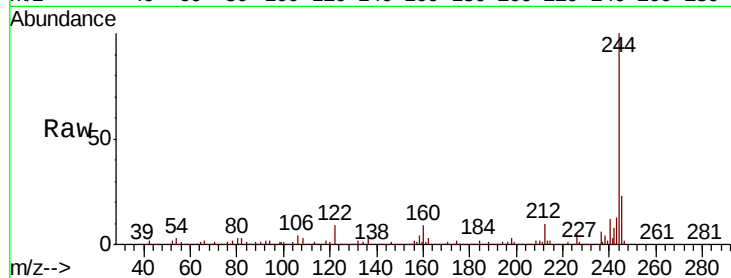
Tot Ion:244 Resp: 1325712

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.3	10.9
122	9.3	8.4	12.6

244 100

212 9.9 7.3 10.9

122 9.3 8.4 12.6

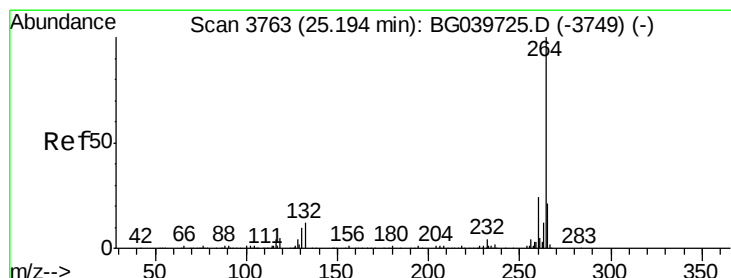
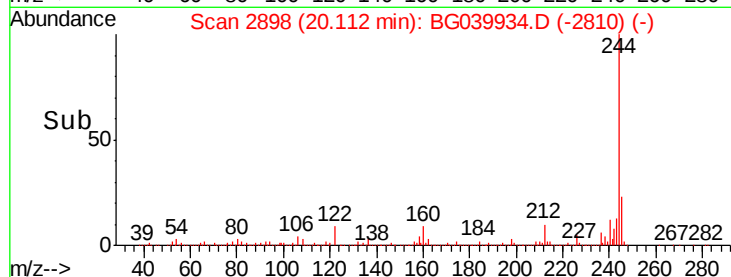
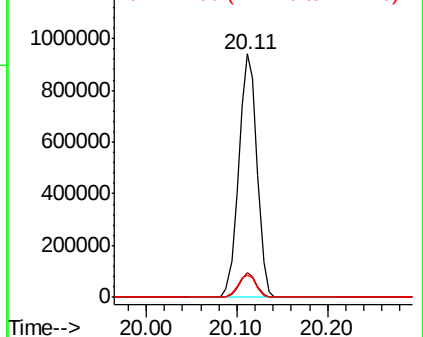


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039934.D

Acq: 14 Mar 2019 21:00

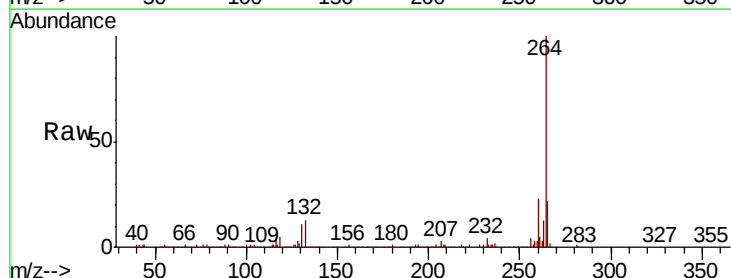
Tgt Ion:264 Resp: 344394

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.6	18.5	27.7

264 100

260 23.4 18.2 27.4

265 21.6 18.5 27.7



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

