

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
 Data File : BG040158.D
 Acq On : 26 Mar 2019 22:18
 Operator : JU/SJ
 Sample : K2099-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-C05-SETTLED-1H-A

Quant Time: Mar 27 01:26:57 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	8.14	152	46986	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	195730	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	119792	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	275441	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	281860	20.00	ng	-0.04
87) Perylene-d12	25.15	264	287836	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	119819	43.50	ng	-0.02
7) Phenol-d6	7.28	99	109342	26.63	ng	-0.03
23) Nitrobenzene-d5	9.31	82	339579	93.83	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	134092	96.04	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	745471	88.61	ng	-0.03
79) Terphenyl-d14	20.11	244	969802	75.76	ng	-0.02
Target Compounds						
25) Isophorone	9.87	82	32585	4.297	ng	# 97
27) 2,4-Dimethylphenol	10.23	122	17421	6.111	ng	# 3
32) Benzoic acid	10.23	122	17421	14.275	ng	93
50) Dimethylphthalate	14.21	163	29144	2.909	ng	# 97
57) 2,4-Dinitrotoluene	14.77	165	15986	5.358	ng	# 18
67) 4-Bromophenyl-phenylether	16.25	248	10976	3.560	ng	# 1

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

```
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Misc      :  
ALS Vial  : 12      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040158.D

Acq: 26 Mar 2019 22:18

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-1H-A

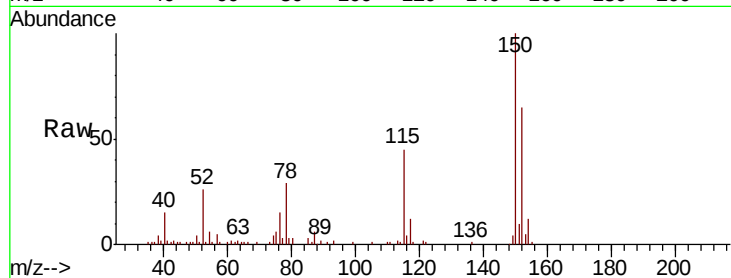
Tgt Ion:152 Resp: 46986

Ion Ratio Lower Upper

152 100

150 154.1 123.7 185.5

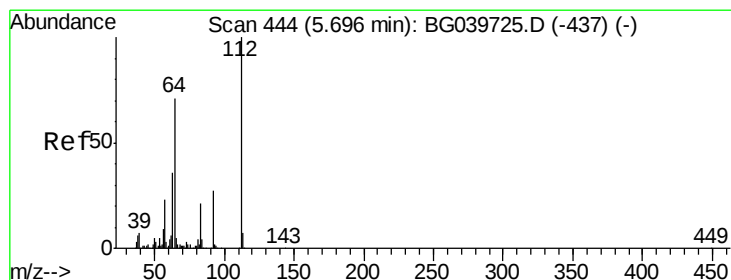
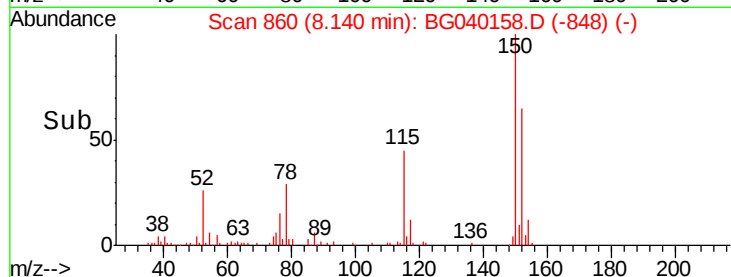
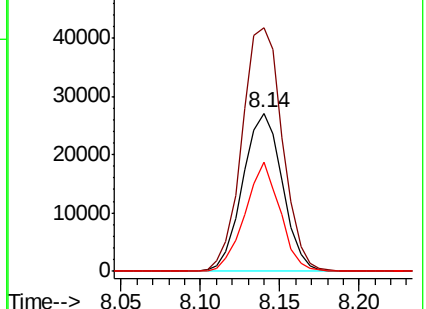
115 68.8 45.9 68.9



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: 43.505 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040158.D

Acq: 26 Mar 2019 22:18

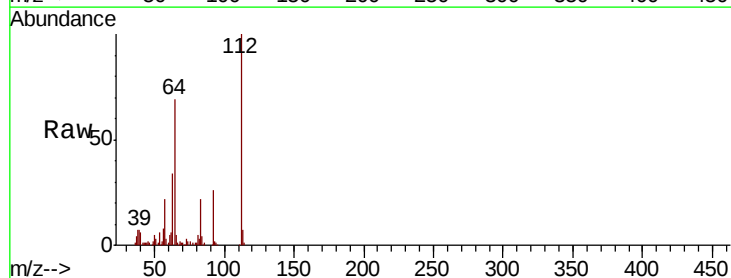
Tgt Ion:112 Resp: 119819

Ion Ratio Lower Upper

112 100

64 68.9 57.8 86.8

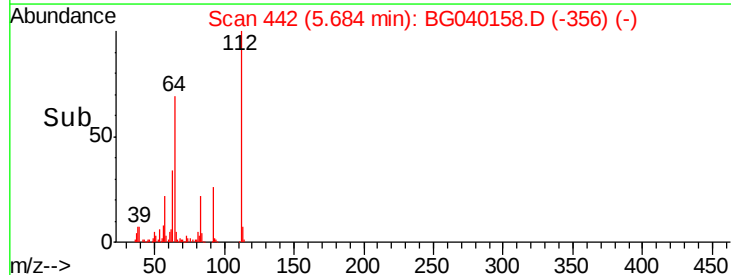
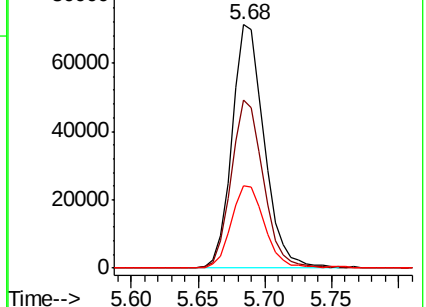
63 33.7 29.8 44.6



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: 26.626 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040158.D

Acq: 26 Mar 2019 22:18

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-1H-A

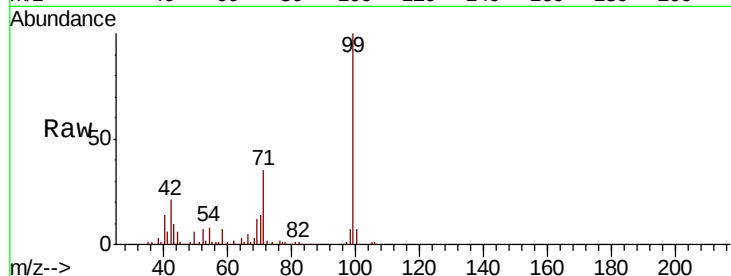
Tgt Ion: 99 Resp: 109342

Ion Ratio Lower Upper

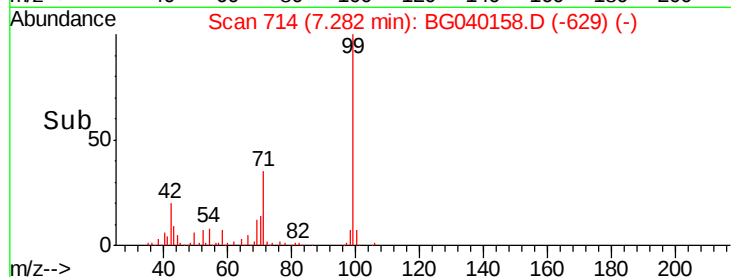
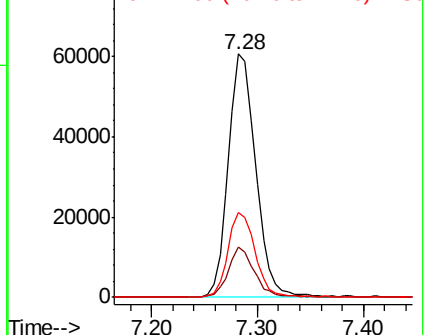
99 100

42 20.5 18.2 27.2

71 34.8 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040158.D

Acq: 26 Mar 2019 22:18

Tgt Ion: 136 Resp: 195730

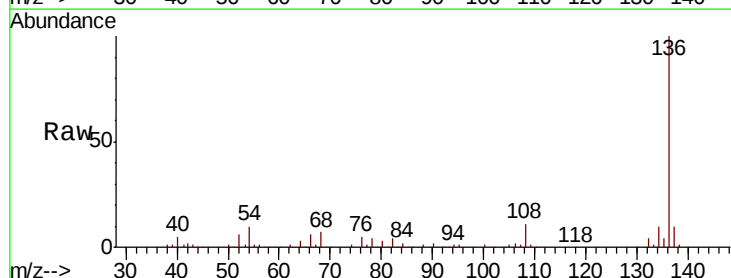
Ion Ratio Lower Upper

136 100

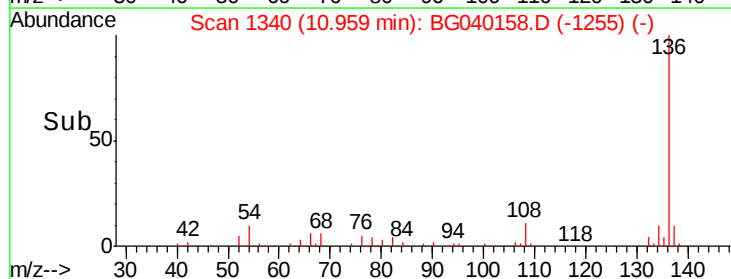
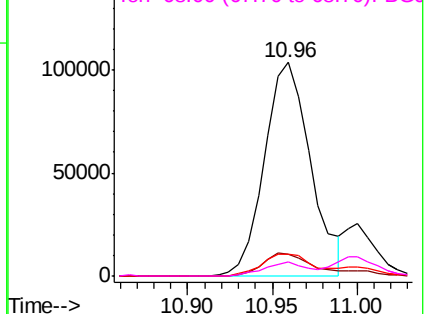
137 10.5 9.1 13.7

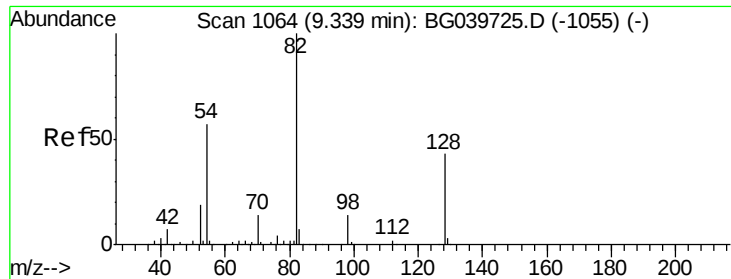
54 10.5 9.4 14.2

68 6.6 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

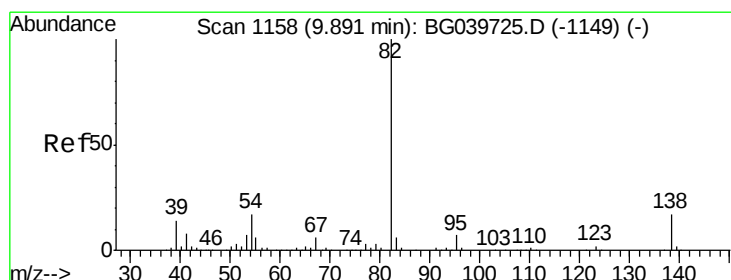
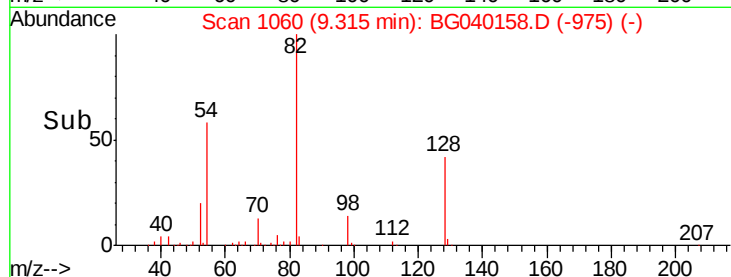
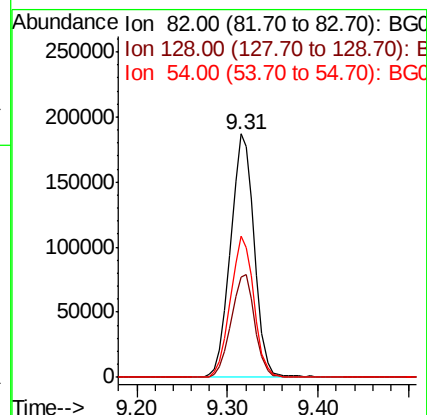
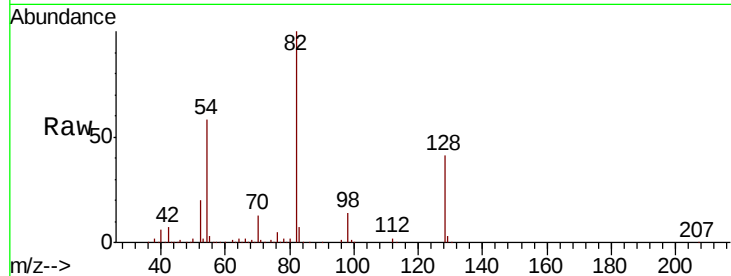




#23
 Nitrobenzene-d5
 Concen: 93.832 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040158.D
 Acq: 26 Mar 2019 22:18

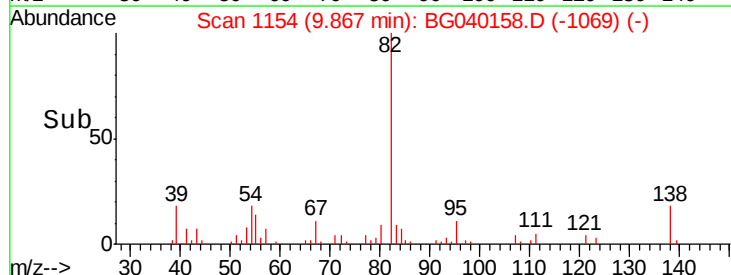
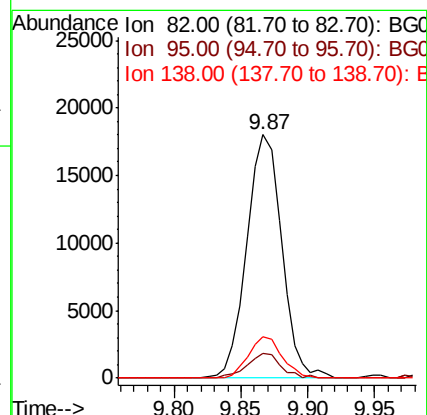
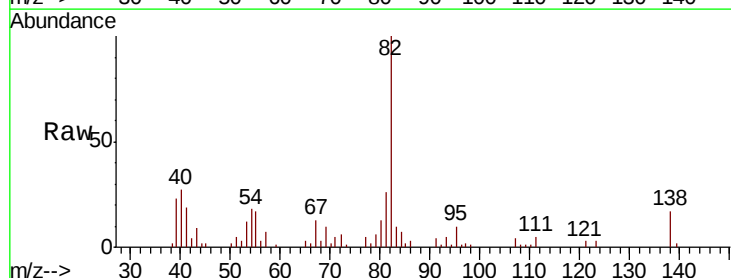
Instrument :
 BNA_G
 ClientSampleId :
 MH-C05-SETTLED-1H-A

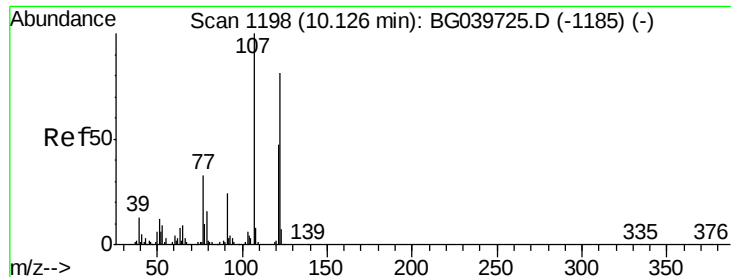
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	58.1	50.9	76.3



#25
 Isophorone
 Concen: 4.297 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BG040158.D
 Acq: 26 Mar 2019 22:18

Tgt Ion	Ratio	Lower	Upper
82	100		
95	10.0	6.2	9.2#
138	16.9	13.0	19.4

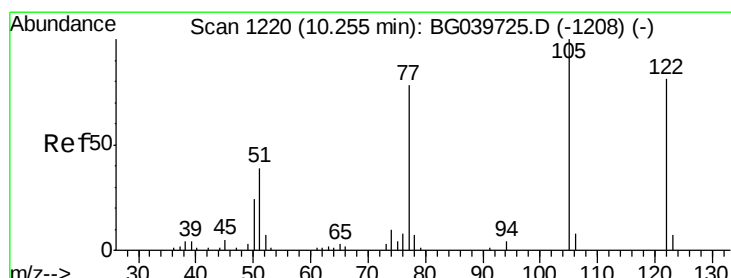
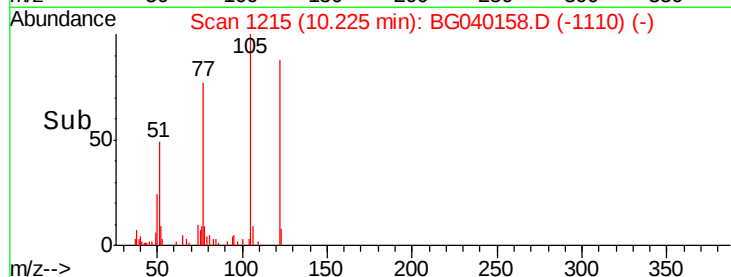
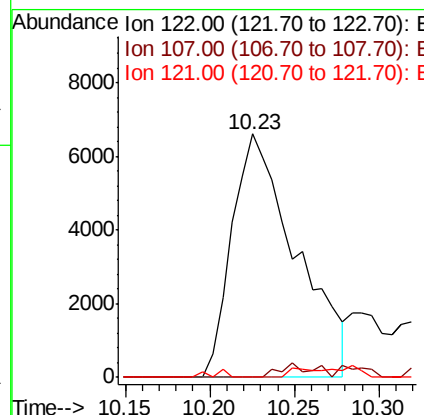
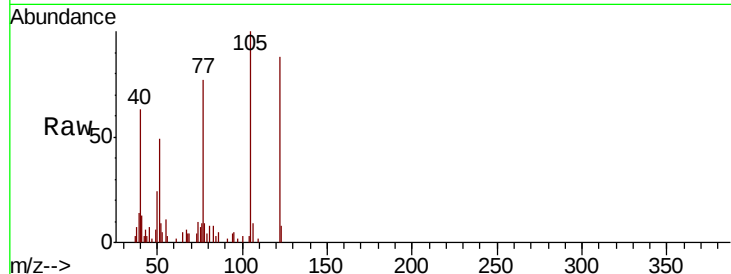




#27
2,4-Dimethylphenol
Concen: 6.111 ng
RT: 10.23 min Scan# 1215
Delta R.T. 0.09 min
Lab File: BG040158.D
Acq: 26 Mar 2019 22:18

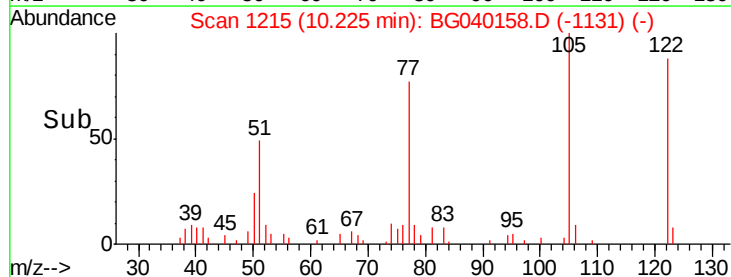
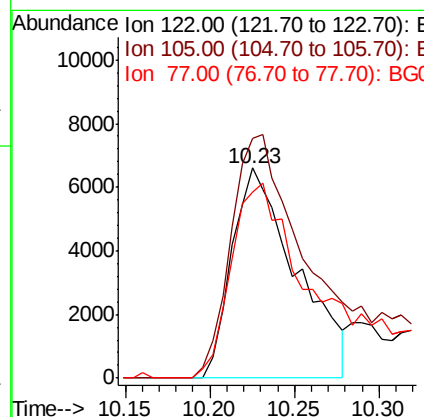
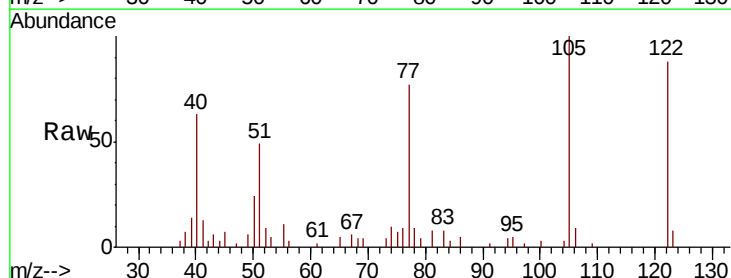
Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-1H-A

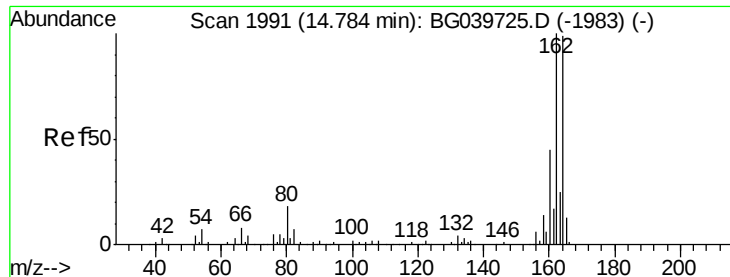
Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.7	137.5#
121	0.0	46.4	69.6#



#32
Benzoic acid
Concen: 14.275 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.04 min
Lab File: BG040158.D
Acq: 26 Mar 2019 22:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.1	101.8	141.8
77	88.2	76.3	116.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040158.D

Acq: 26 Mar 2019 22:18

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-1H-A

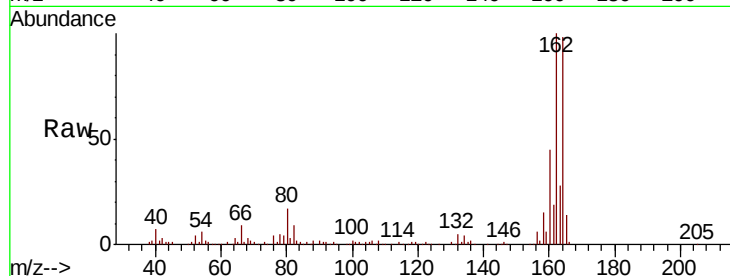
Tgt Ion:164 Resp: 119792

Ion Ratio Lower Upper

164 100

162 102.1 81.6 122.4

160 45.9 34.2 51.2

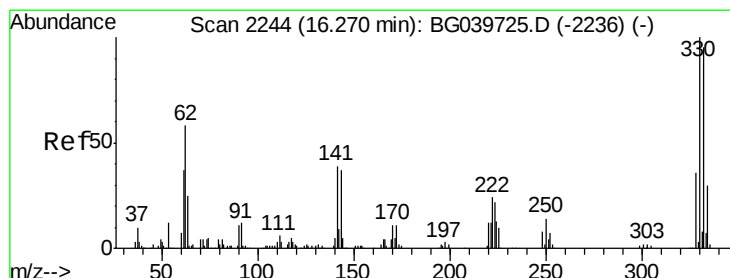
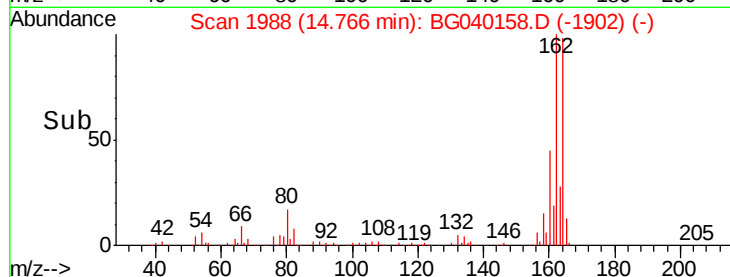
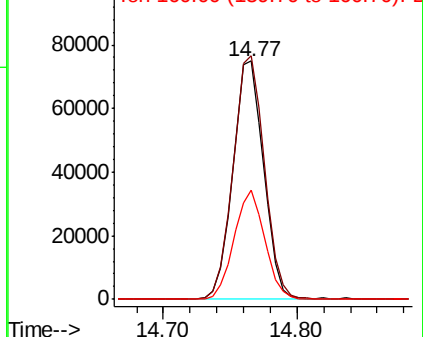


Abundance

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: 96.036 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040158.D

Acq: 26 Mar 2019 22:18

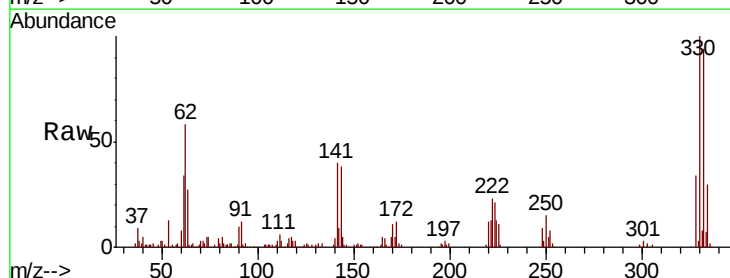
Tgt Ion:330 Resp: 134092

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

141 41.3 35.6 53.4

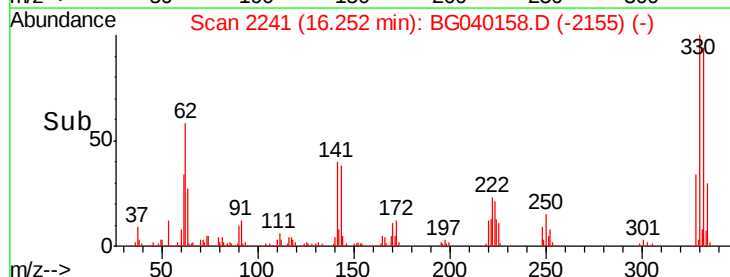
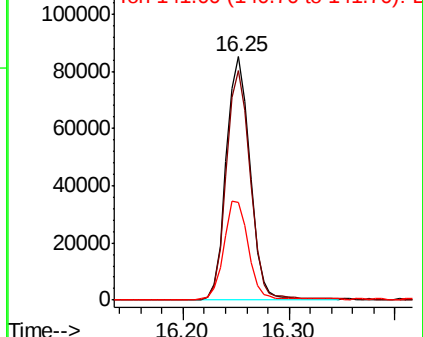


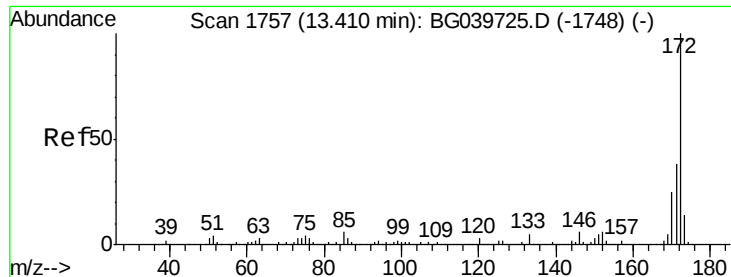
Abundance

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

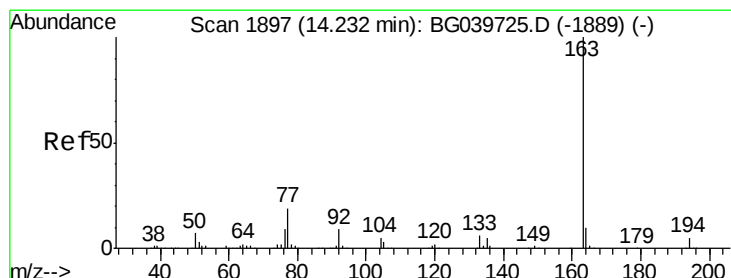
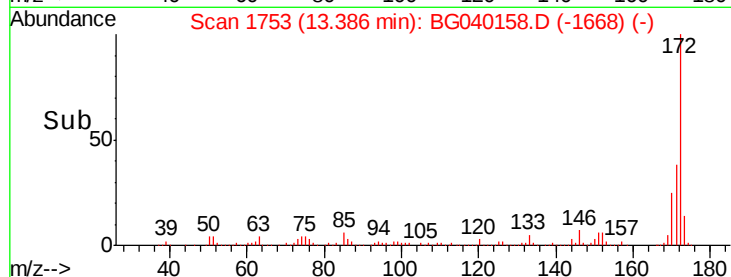
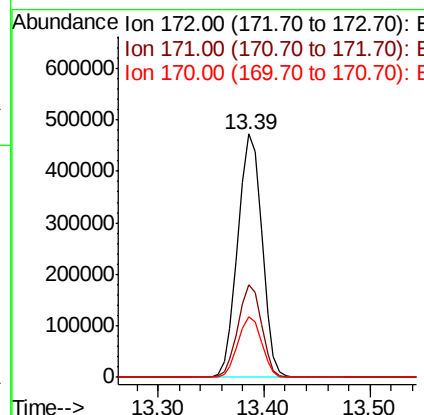
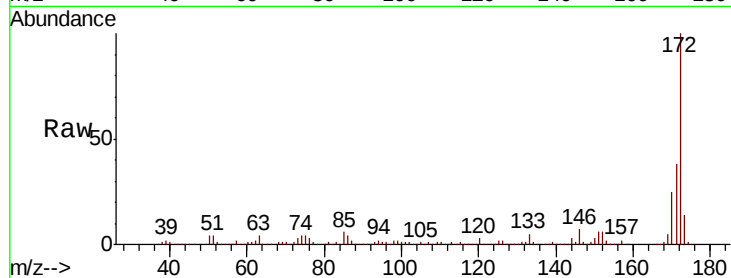




#45
2-Fluorobiphenyl
Concen: 88.606 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040158.D
Acq: 26 Mar 2019 22:18

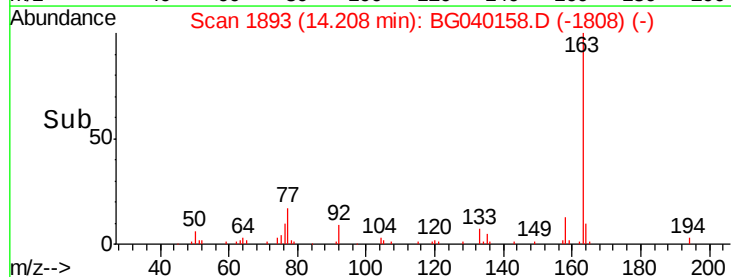
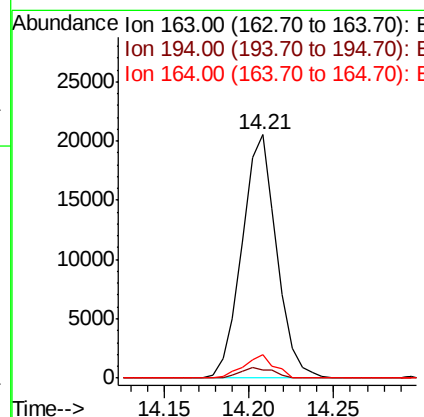
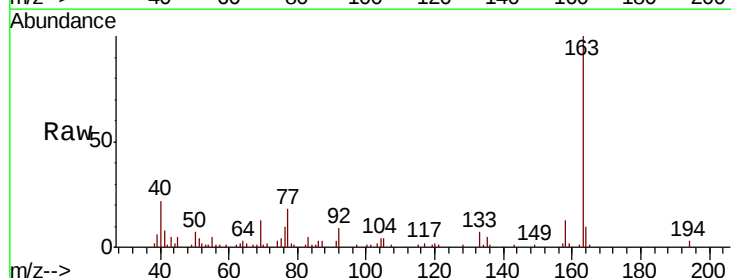
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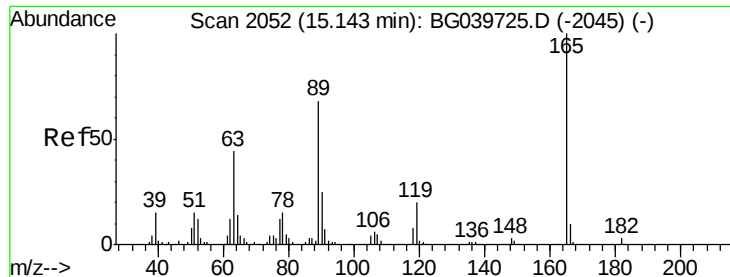
Tgt Ion:172 Resp: 745471
Ion Ratio Lower Upper
172 100
171 38.1 30.8 46.2
170 25.0 20.2 30.4



#50
Dimethylphthalate
Concen: 2.909 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040158.D
Acq: 26 Mar 2019 22:18

Tgt Ion:163 Resp: 29144
Ion Ratio Lower Upper
163 100
194 3.2 3.6 5.4#
164 9.5 8.4 12.6

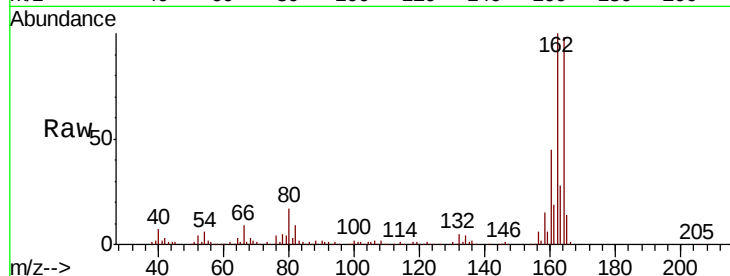




#57
 2,4-Dinitrotoluene
 Concen: 5.358 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG040158.D
 Acq: 26 Mar 2019 22:18

Instrument :
 BNA_G
 ClientSampleId :
 MH-C05-SETTLED-1H-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

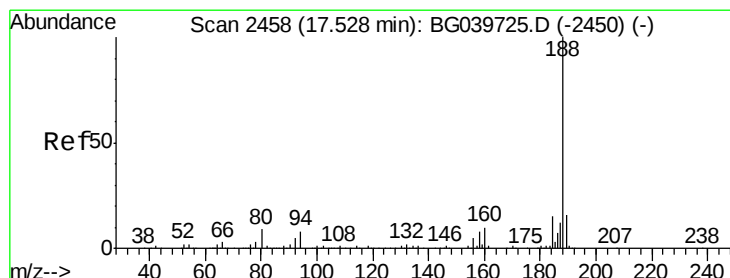
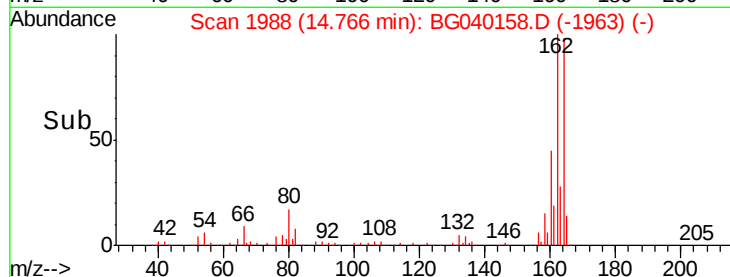
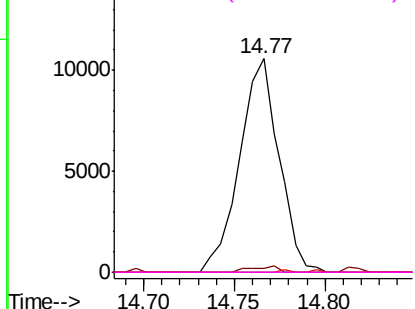


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

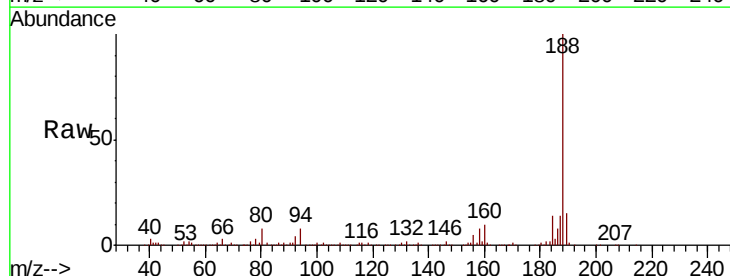
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040158.D
 Acq: 26 Mar 2019 22:18

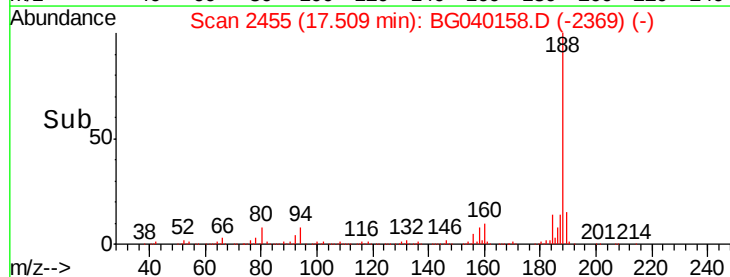
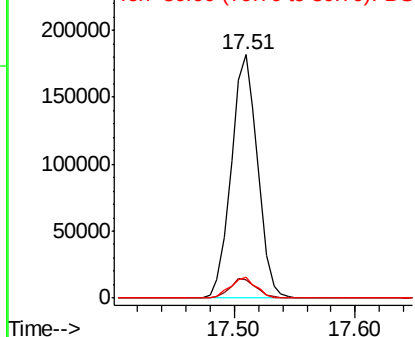
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.3	8.1	12.1

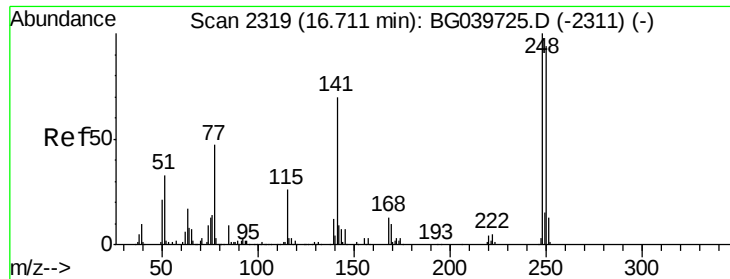


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

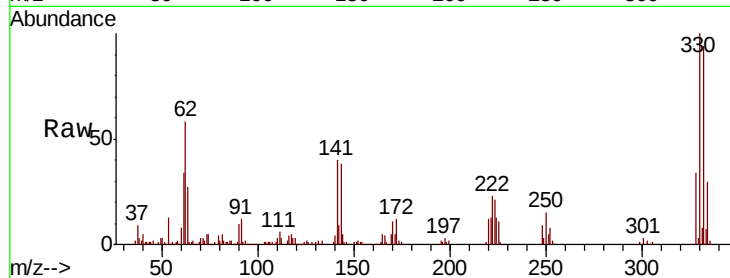




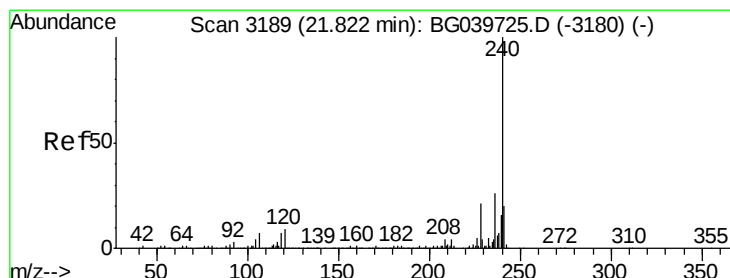
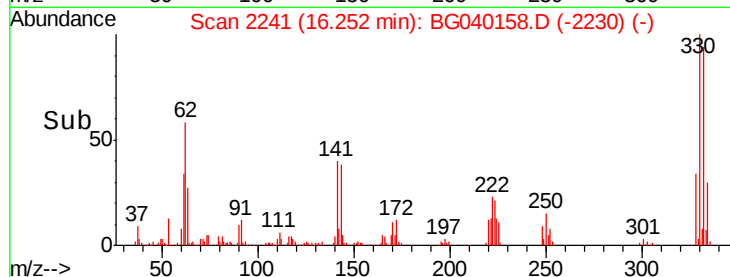
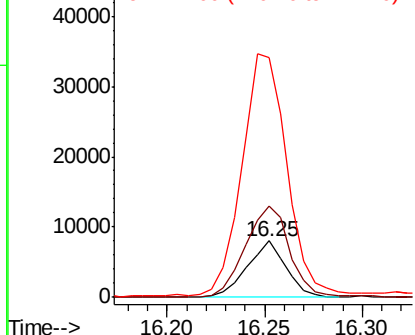
#67
4-Bromophenyl-phenylether
Concen: 3.560 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.47 min
Lab File: BG040158.D
Acq: 26 Mar 2019 22:18

Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-1H-A

Tgt Ion:248 Resp: 10976
Ion Ratio Lower Upper
248 100
250 162.1 77.6 116.4#
141 426.7 63.9 95.9#

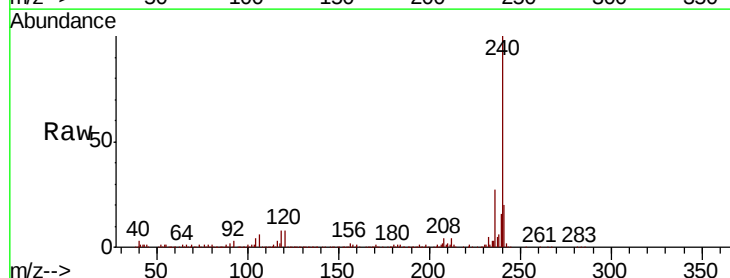


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

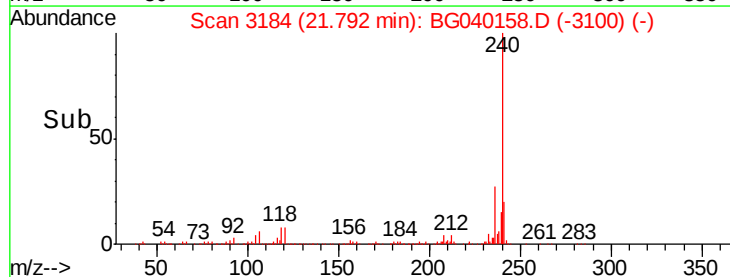
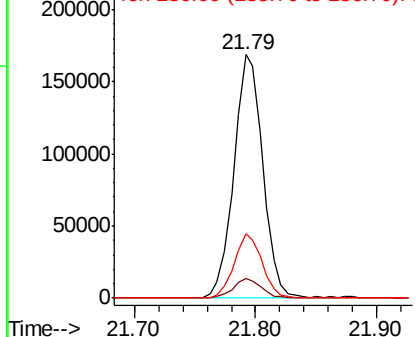


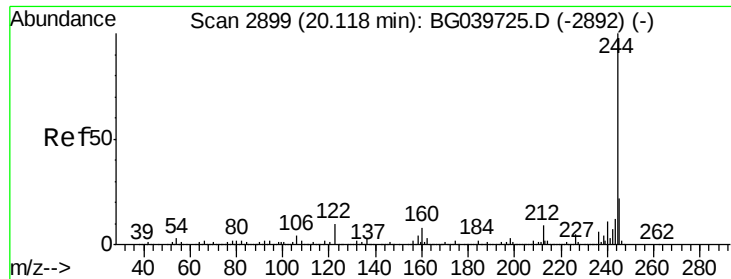
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.04 min
Lab File: BG040158.D
Acq: 26 Mar 2019 22:18

Tgt Ion:240 Resp: 281860
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 26.5 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: 75.758 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040158.D

Acq: 26 Mar 2019 22:18

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-1H-A

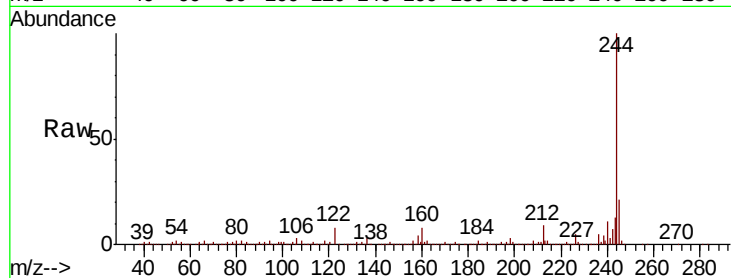
Tgt Ion:244 Resp: 969802

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

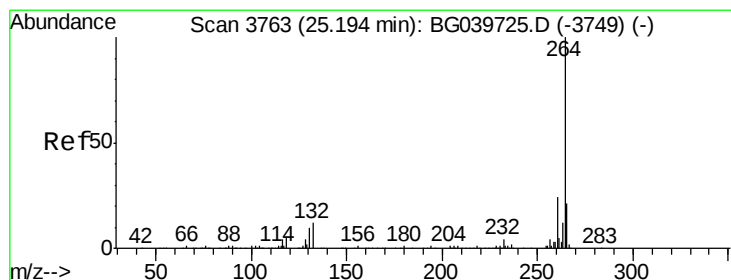
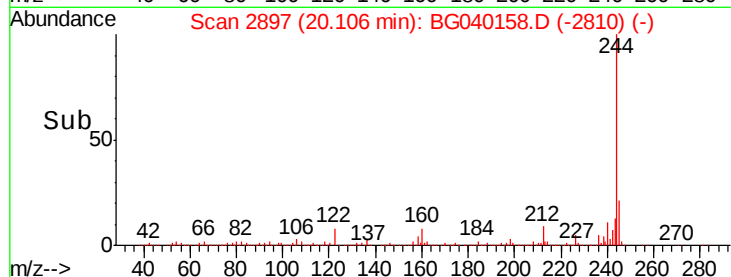
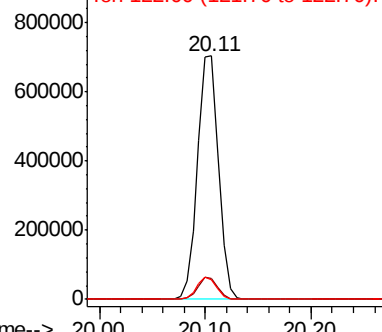
122 8.0 8.4 12.6#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040158.D

Acq: 26 Mar 2019 22:18

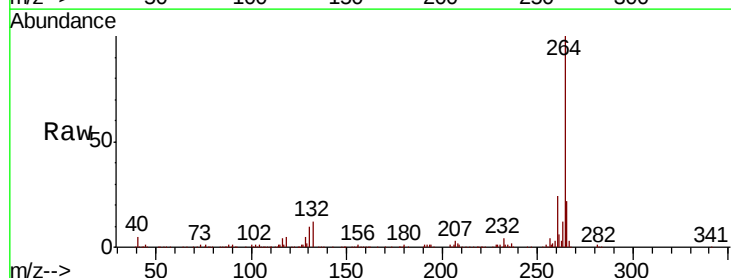
Tgt Ion:264 Resp: 287836

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 22.0 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

