

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040162.D
 Acq On : 27 Mar 2019 00:59
 Operator : JU/SJ
 Sample : K2099-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-C05-SETTLED-2H-A

Quant Time: Mar 27 03:46:21 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

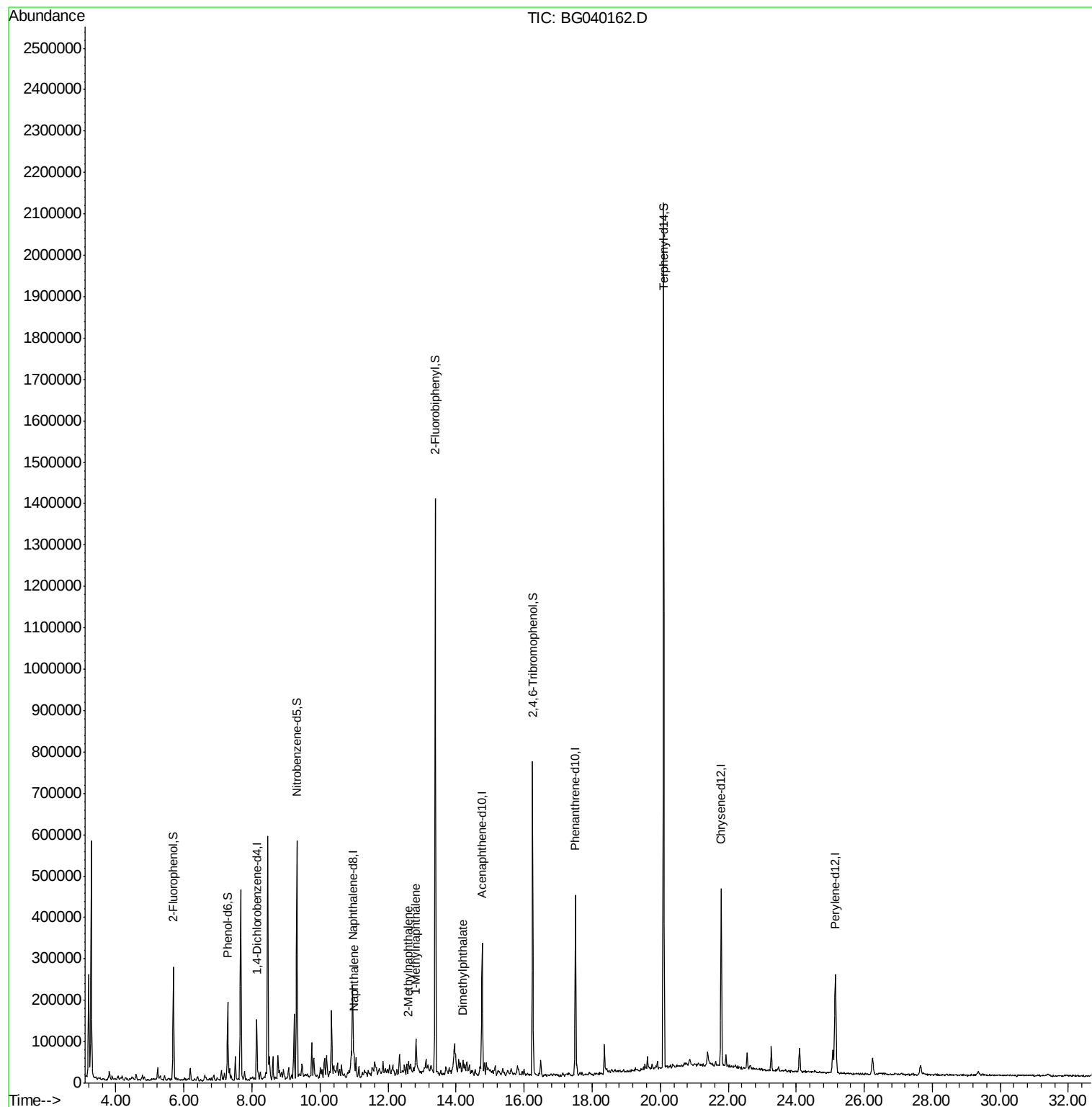
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41184	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	166016	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	114065	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	268596	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	272146	20.00	ng	-0.04
87) Perylene-d12	25.15	264	275340	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	118701	49.17	ng	-0.02
7) Phenol-d6	7.28	99	113375	31.50	ng	-0.03
23) Nitrobenzene-d5	9.31	82	308922	100.64	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	138368	104.07	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	723321	90.29	ng	-0.03
79) Terphenyl-d14	20.10	244	993612	80.39	ng	-0.02
Target Compounds						
31) Naphthalene	11.01	128	17732	2.017	ng	# 83
37) 2-Methylnaphthalene	12.60	142	18523	2.819	ng	# 93
38) 1-Methylnaphthalene	12.82	142	21878	3.426	ng	# 96
50) Dimethylphthalate	14.20	163	19418	2.036	ng	# 95

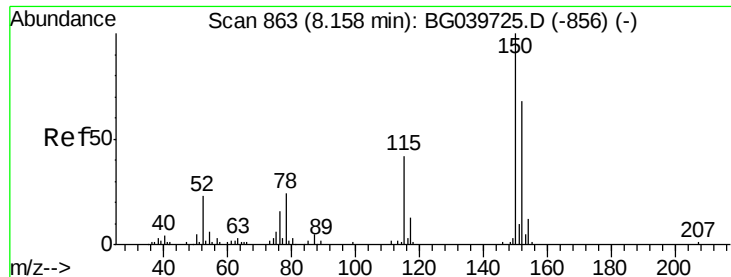
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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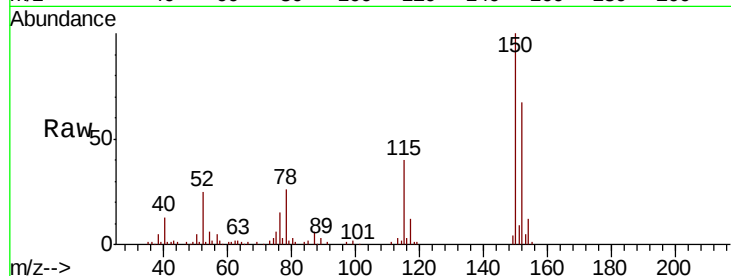


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: BG040162.D
 Acq: 27 Mar 2019 00:59

Instrument :
 BNA_G
 ClientSampleId :
 MH-C05-SETTLED-2H-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	123.7	185.5
115	59.9	45.9	68.9

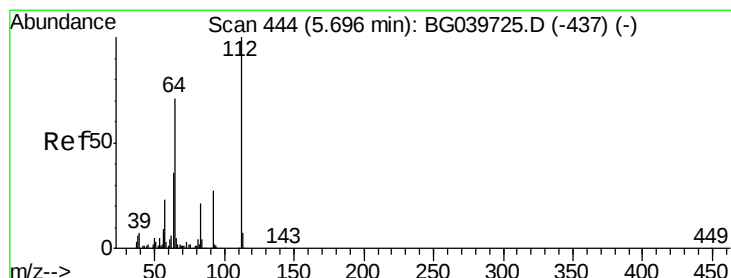
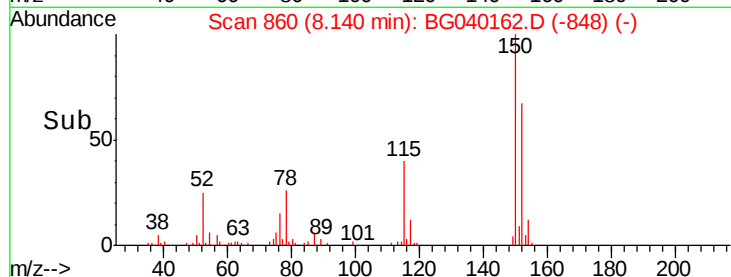
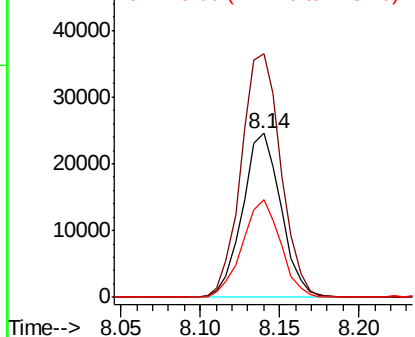


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

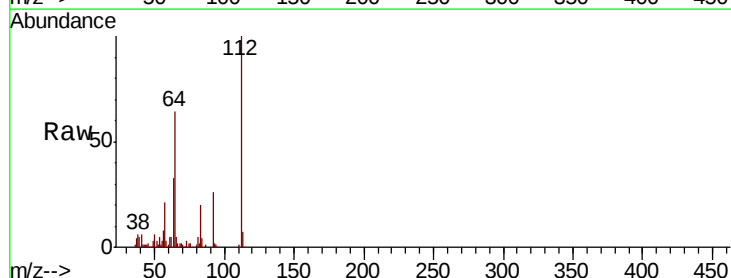
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 49.171 ng
 RT: 5.69 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BG040162.D
 Acq: 27 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	57.8	86.8
63	32.8	29.8	44.6

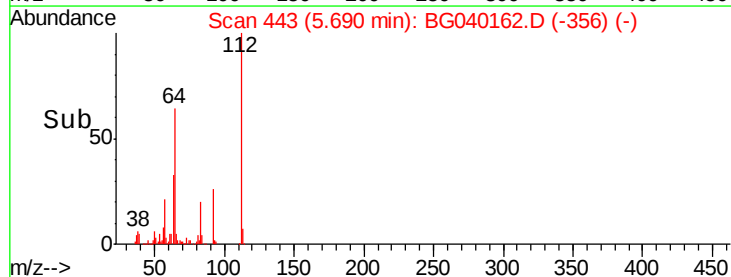
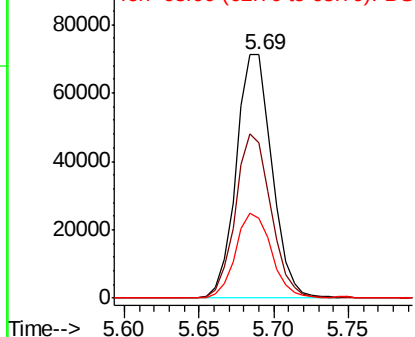


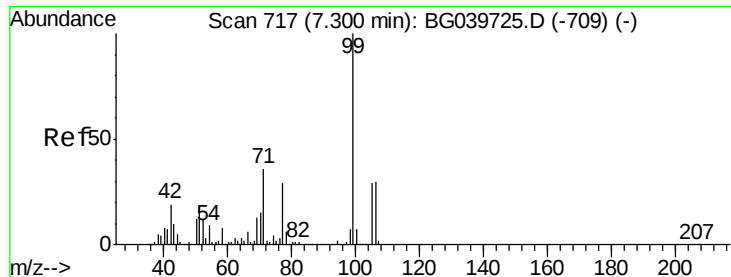
Abundance

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: 31.497 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040162.D

Acq: 27 Mar 2019 00:59

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-2H-A

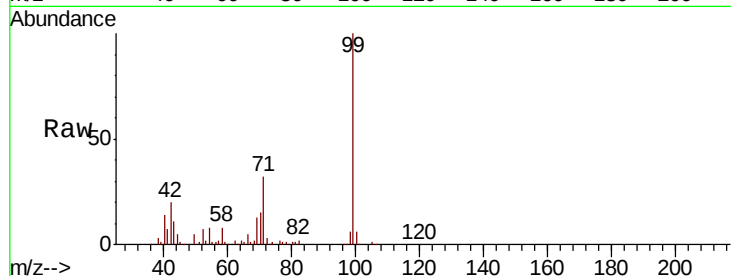
Tot Ion: 99 Resp: 113375

Ion Ratio Lower Upper

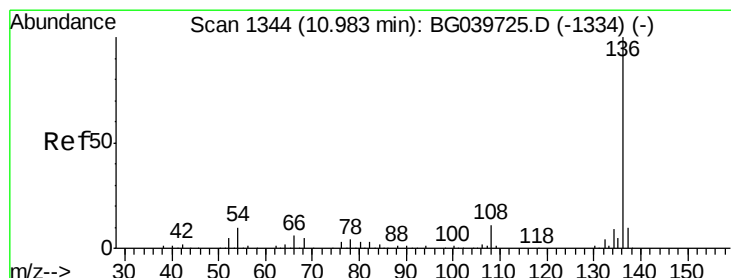
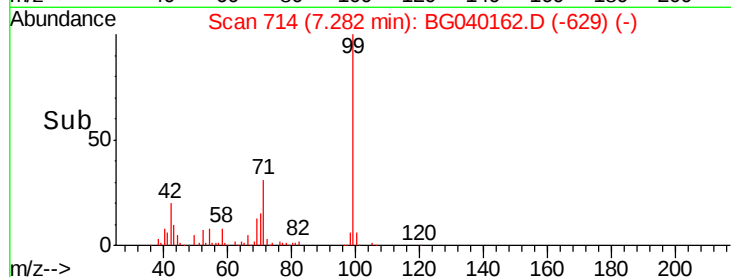
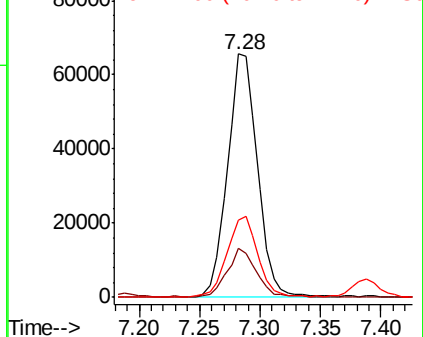
99 100

42 20.1 18.2 27.2

71 31.7 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: BG040162.D

Acq: 27 Mar 2019 00:59

Tgt Ion: 136 Resp: 166016

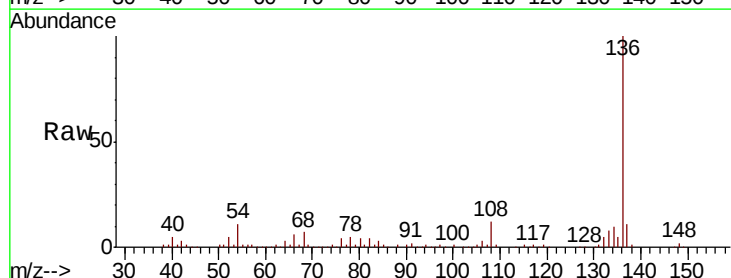
Ion Ratio Lower Upper

136 100

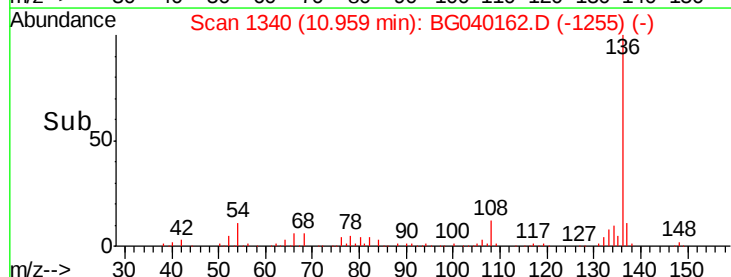
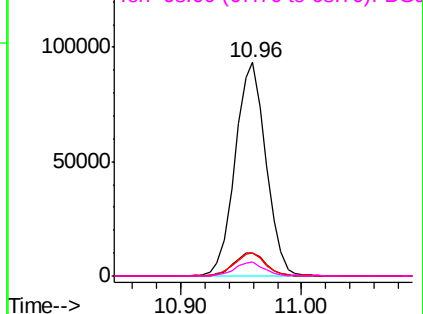
137 11.0 9.1 13.7

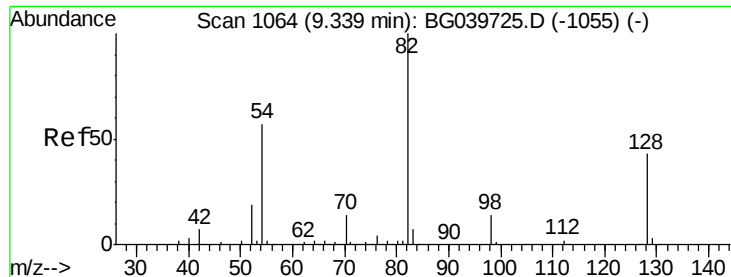
54 10.8 9.4 14.2

68 6.5 4.2 6.4#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

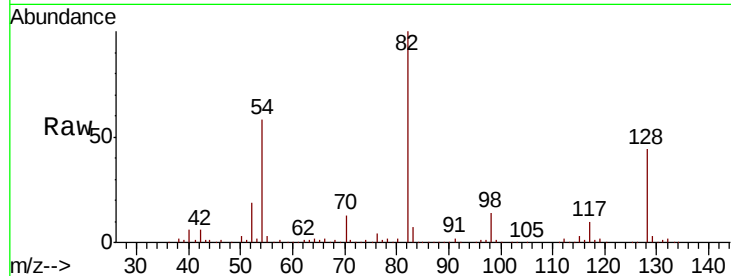




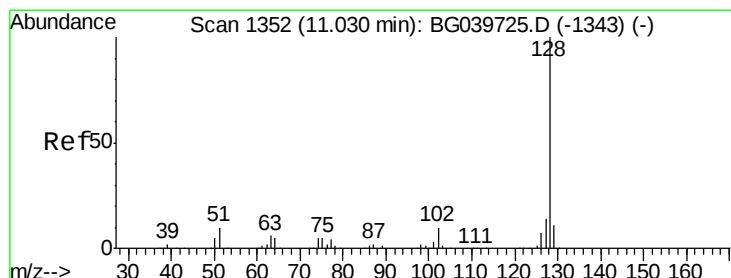
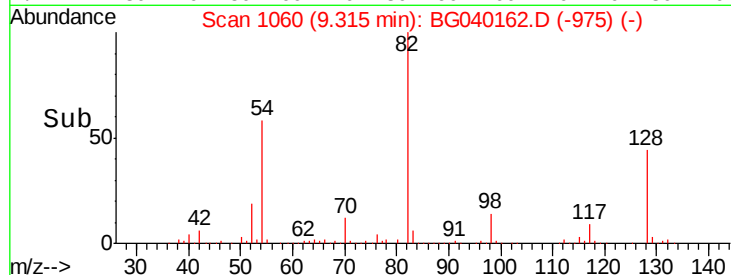
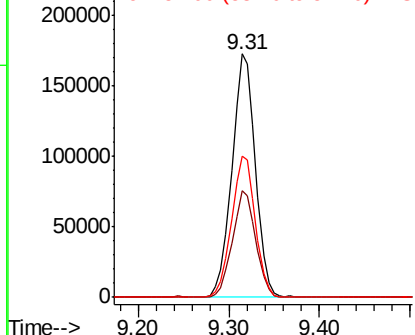
#23
 Nitrobenzene-d5
 Concen: 100.639 ng
 RT: 9.31 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040162.D
 Acq: 27 Mar 2019 00:59

Instrument :
 BNA_G
 ClientSampleId :
 MH-C05-SETTLED-2H-A

Tot Ion: 82 Resp: 308922
 Ion Ratio Lower Upper
 82 100
 128 43.9 31.3 46.9
 54 58.3 50.9 76.3

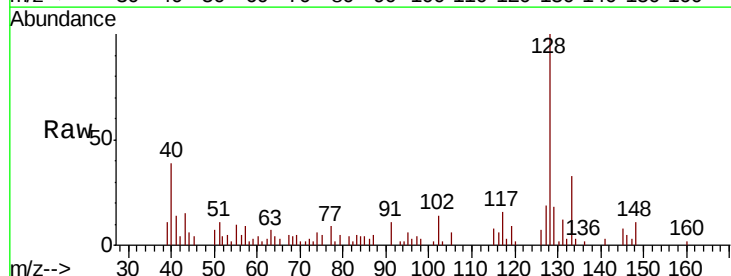


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

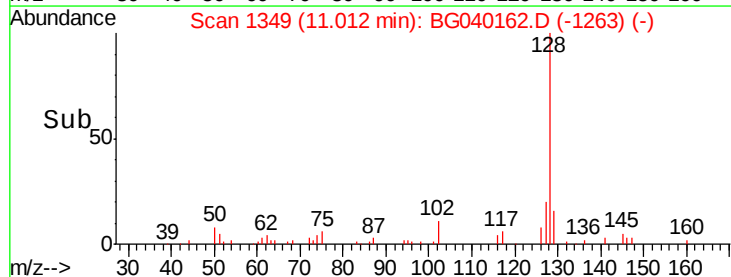
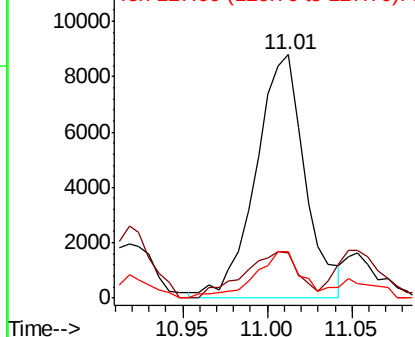


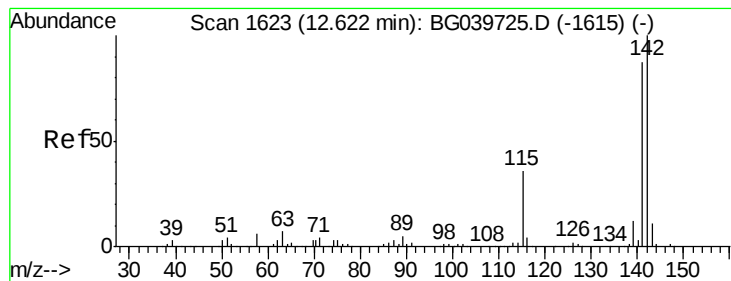
#31
 Naphthalene
 Concen: 2.017 ng
 RT: 11.01 min Scan# 1349
 Delta R.T. -0.02 min
 Lab File: BG040162.D
 Acq: 27 Mar 2019 00:59

Tgt Ion: 128 Resp: 17732
 Ion Ratio Lower Upper
 128 100
 129 18.4 8.7 13.1#
 127 19.2 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#37

2-Methylnaphthalene

Concen: 2.819 ng

RT: 12.60 min Scan# 1619

Delta R.T. -0.03 min

Lab File: BG040162.D

Acq: 27 Mar 2019 00:59

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-2H-A

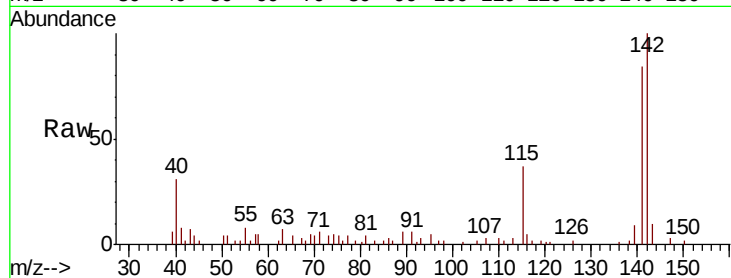
Tot Ion:142 Resp: 18523

Ion Ratio Lower Upper

142 100

141 83.9 73.5 110.3

115 37.1 30.8 46.2

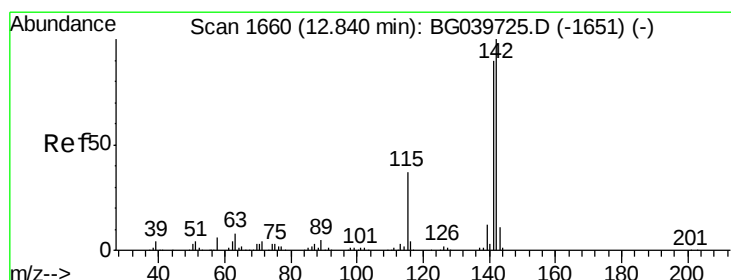
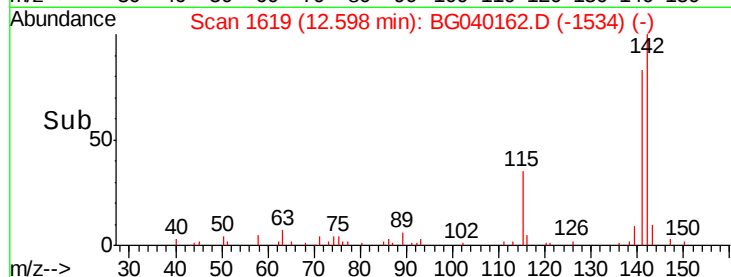
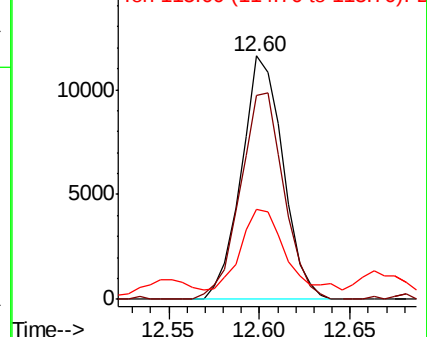


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 3.426 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.02 min

Lab File: BG040162.D

Acq: 27 Mar 2019 00:59

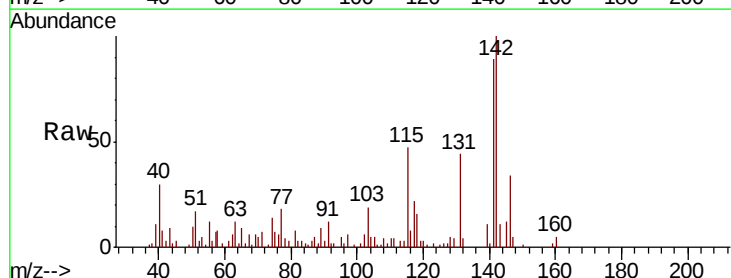
Tgt Ion:142 Resp: 21878

Ion Ratio Lower Upper

142 100

141 89.4 74.2 111.4

116 8.4 3.0 4.6#

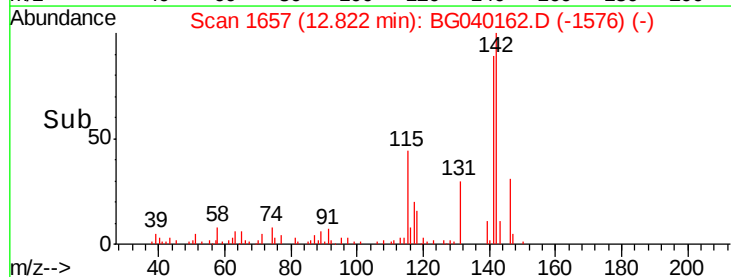
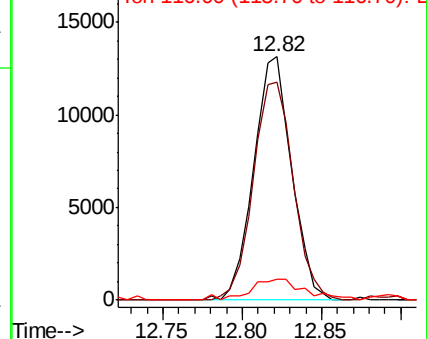


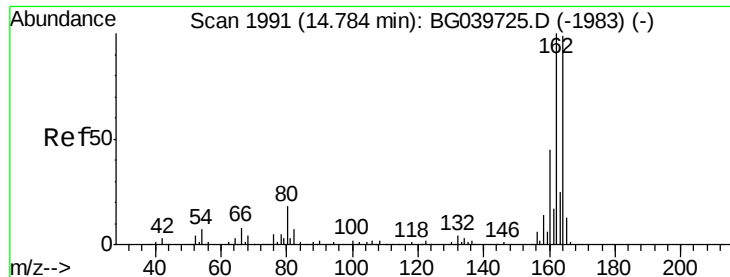
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040162.D

Acq: 27 Mar 2019 00:59

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-2H-A

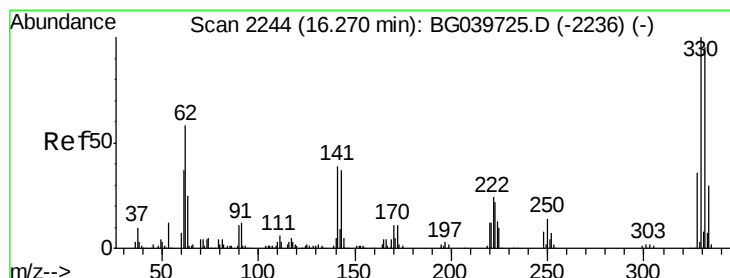
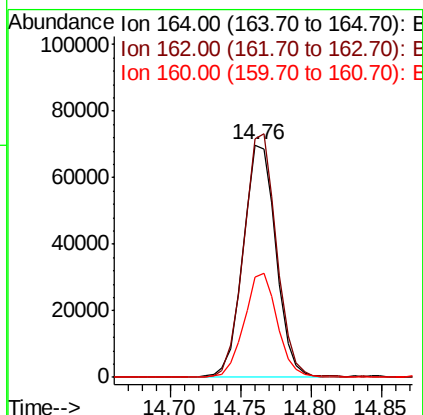
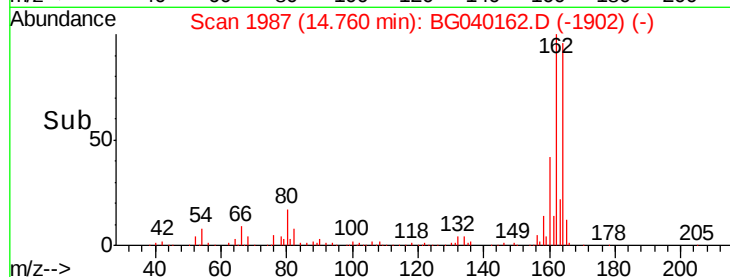
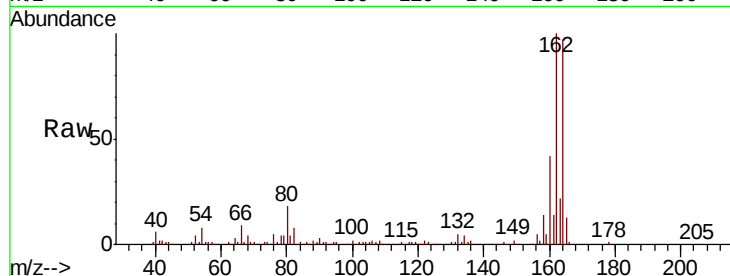
Tot Ion:164 Resp: 114065

Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

160 43.1 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 104.074 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040162.D

Acq: 27 Mar 2019 00:59

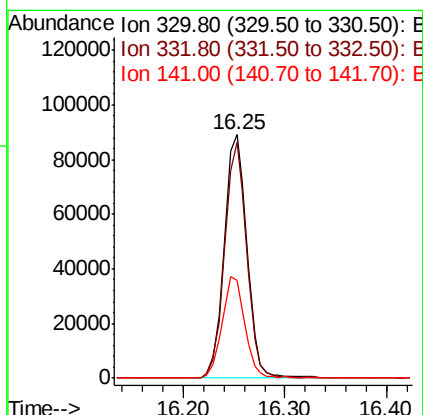
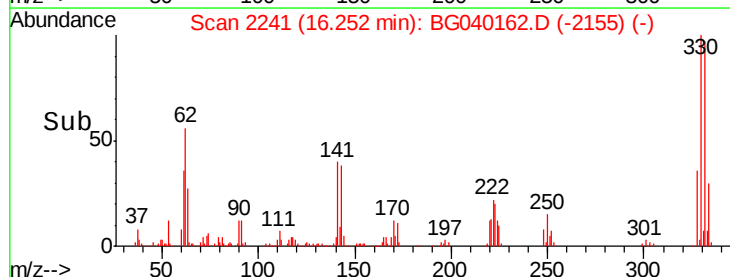
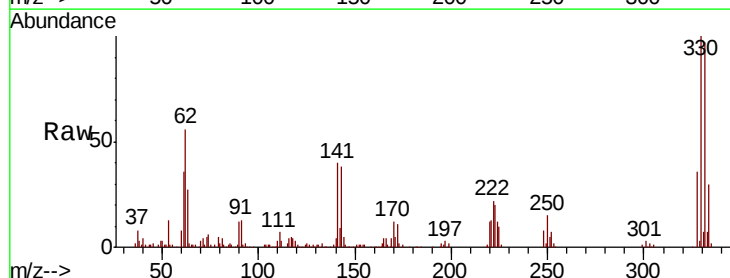
Tgt Ion:330 Resp: 138368

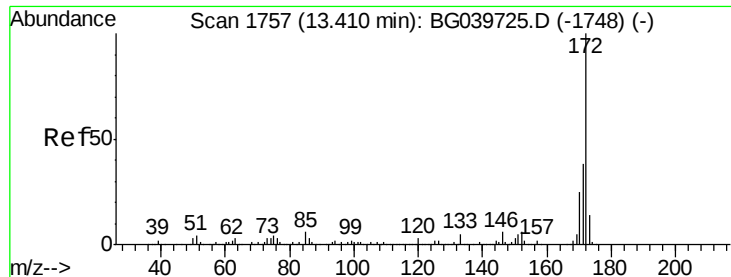
Ion Ratio Lower Upper

330 100

332 93.9 75.7 113.5

141 41.5 35.6 53.4

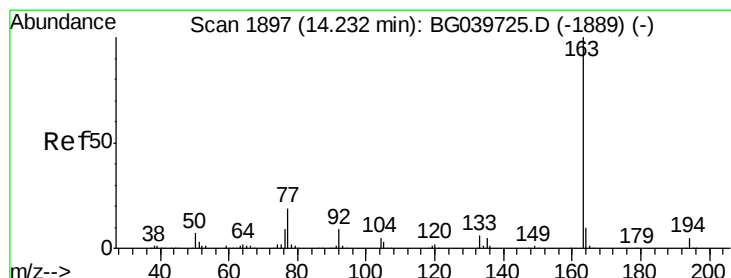
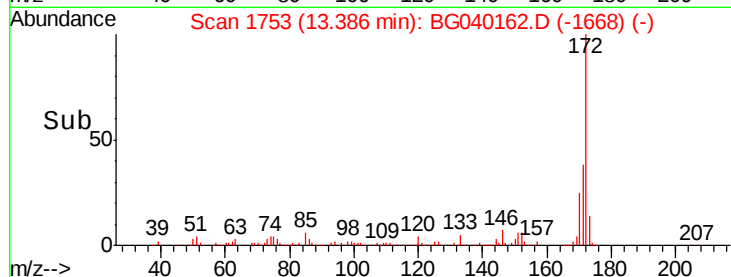
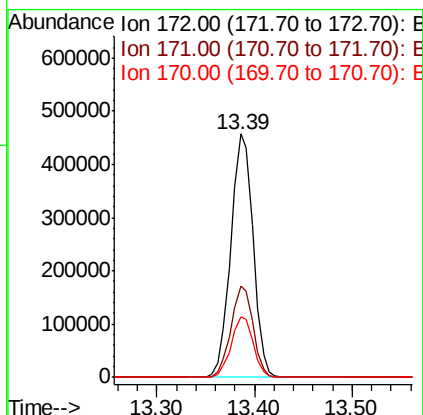
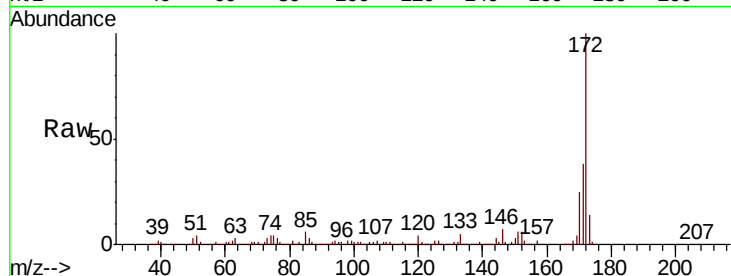




#45
2-Fluorobiphenyl
Concen: 90.289 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

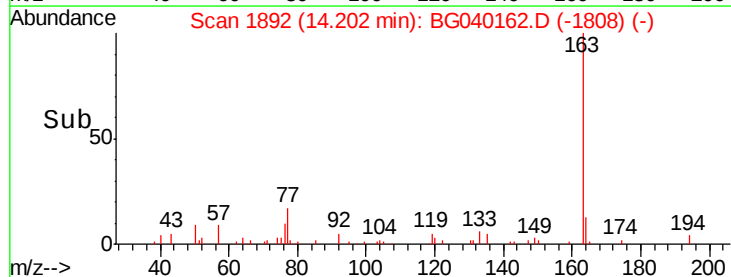
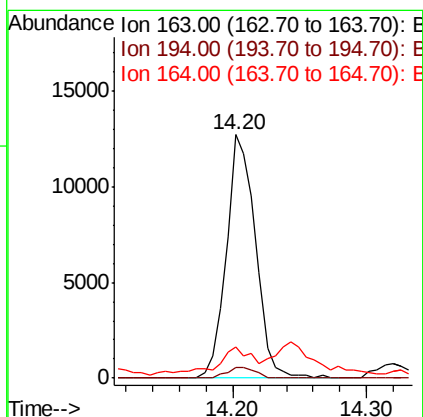
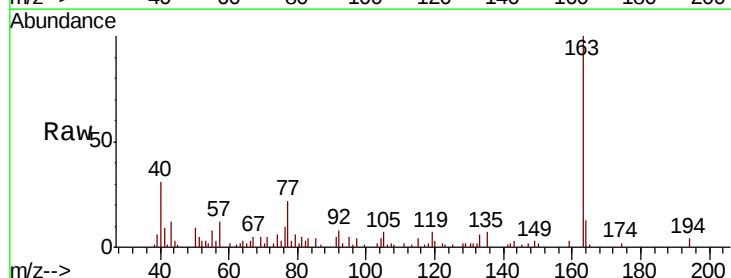
Instrument :
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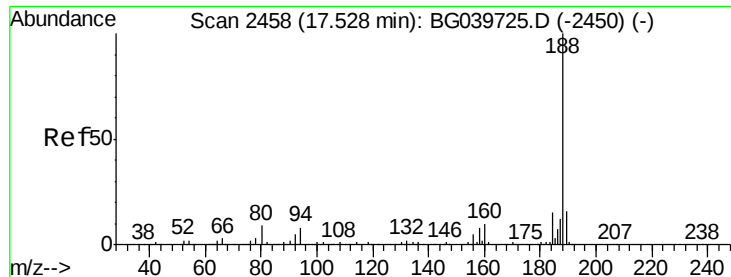
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	25.1	20.2	30.4



#50
Dimethylphthalate
Concen: 2.036 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.04 min
Lab File: BG040162.D
Acq: 27 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	13.0	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040162.D

Acq: 27 Mar 2019 00:59

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-2H-A

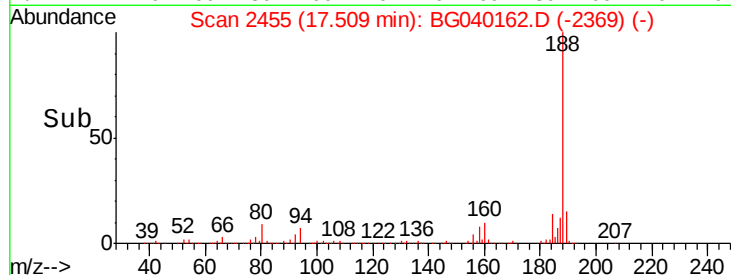
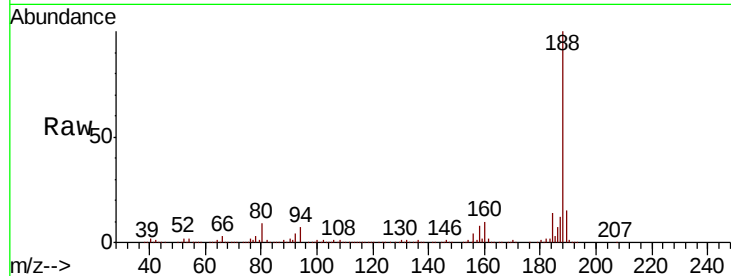
Tot Ion:188 Resp: 268596

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

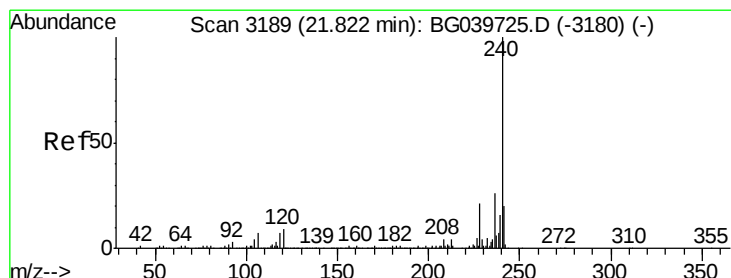
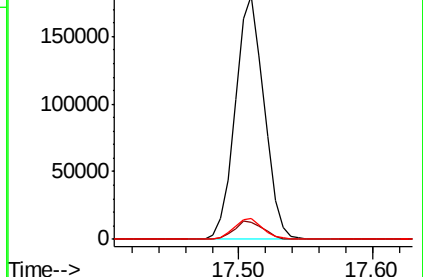
80 8.7 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.04 min

Lab File: BG040162.D

Acq: 27 Mar 2019 00:59

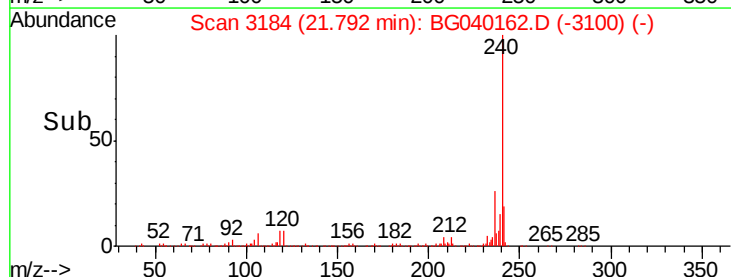
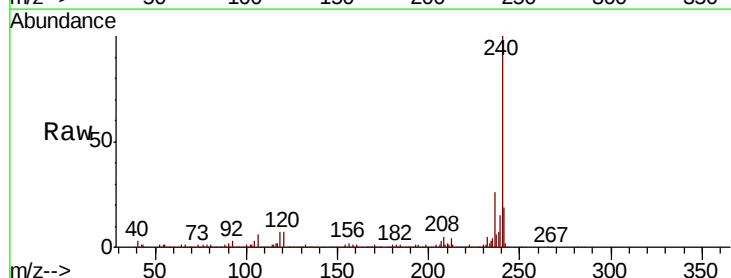
Tgt Ion:240 Resp: 272146

Ion Ratio Lower Upper

240 100

120 7.2 7.0 10.6

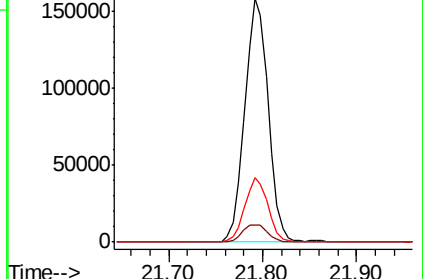
236 26.2 21.0 31.4

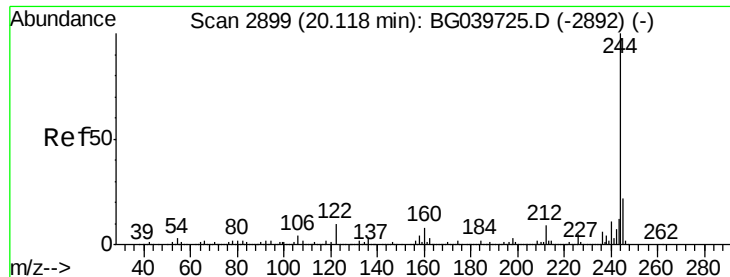


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.388 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040162.D

Acq: 27 Mar 2019 00:59

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-2H-A

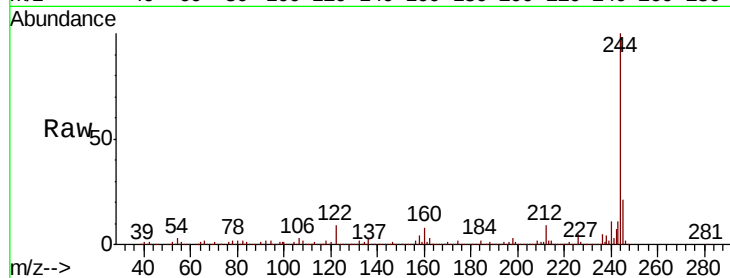
Tot Ion:244 Resp: 993612

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

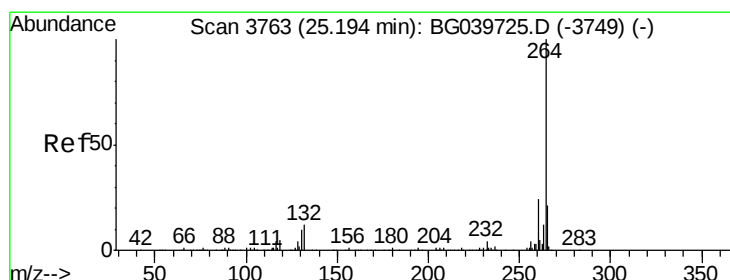
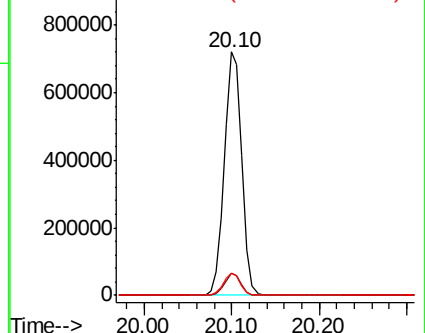
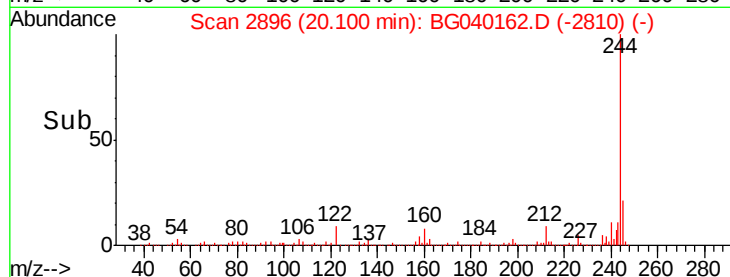
122 8.9 8.4 12.6



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# 3756

Delta R.T. -0.05 min

Lab File: BG040162.D

Acq: 27 Mar 2019 00:59

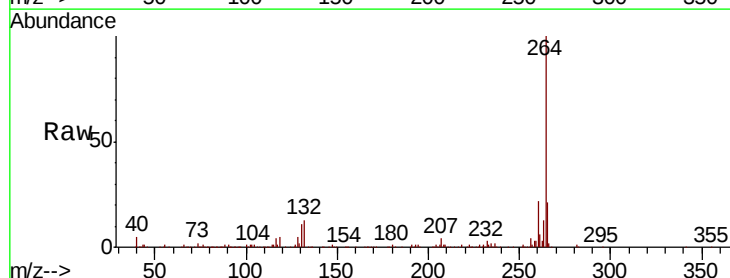
Tgt Ion:264 Resp: 275340

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 21.1 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

