

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042851.D
 Acq On : 16 Sep 2019 16:38
 Operator : HP/JU
 Sample : K4821-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TMW-04

Quant Time: Sep 17 03:16:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

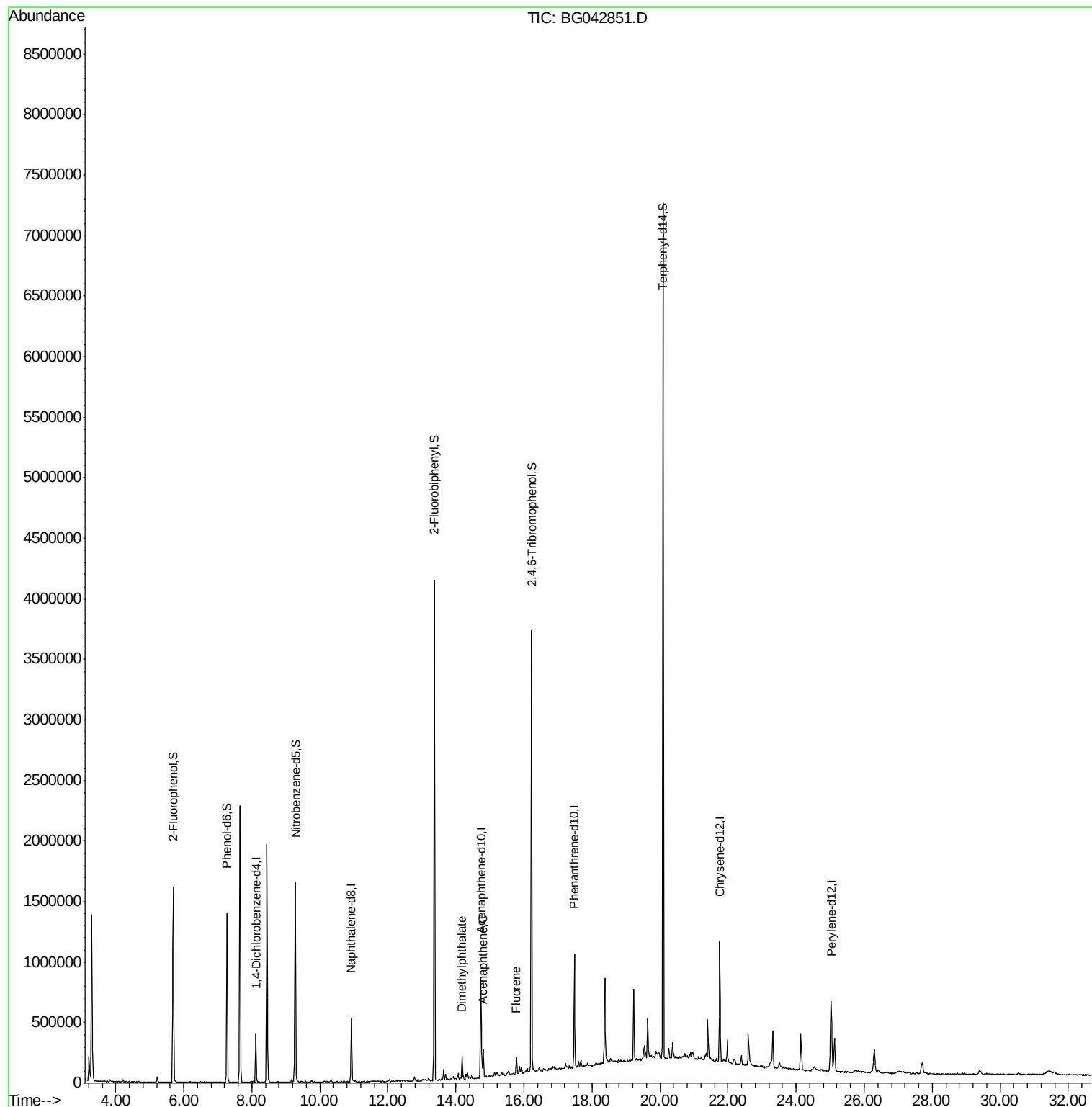
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	118339	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	442442	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	291796	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	601164	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	597303	20.00	ng	0.00
87) Perylene-d12	25.02	264	685992	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	671144	98.60	ng	0.00
7) Phenol-d6	7.27	99	783705	80.22	ng	0.00
23) Nitrobenzene-d5	9.28	82	1050463	123.61	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	710357	182.98	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	2154448	116.87	ng	0.00
79) Terphenyl-d14	20.09	244	2956488	109.70	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.18	163	118386	5.416	ng	98
52) Acenaphthene	14.79	154	83868	4.971	ng	96
58) Fluorene	15.78	166	57747	2.779	ng	95

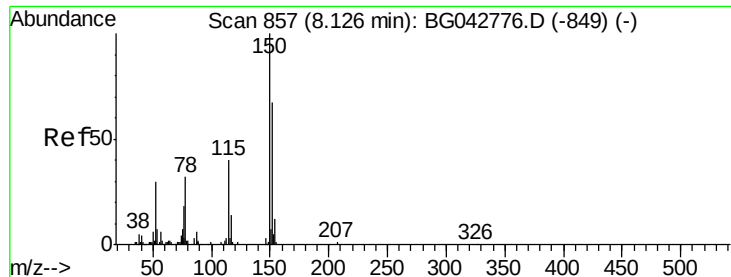
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042851.D
Acq On : 16 Sep 2019 16:38
Operator : HP/JU
Sample : K4821-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TMW-04

Quant Time: Sep 17 03:16:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



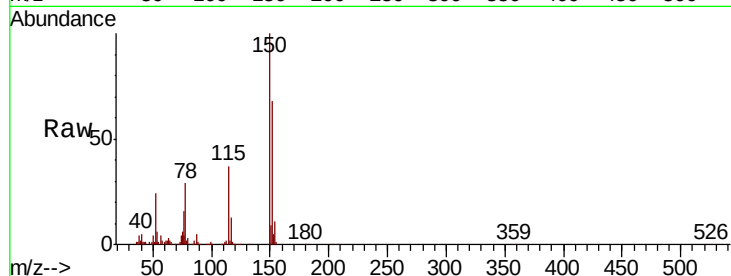


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042851.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_G
ClientSampleId :
TMW-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	118.9	178.3
115	54.8	47.4	71.2

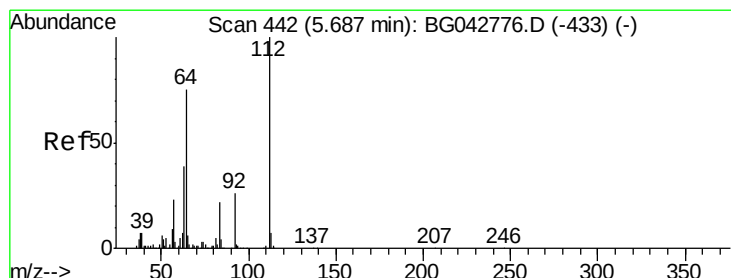
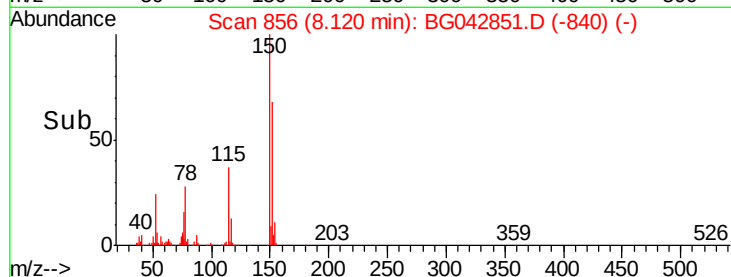
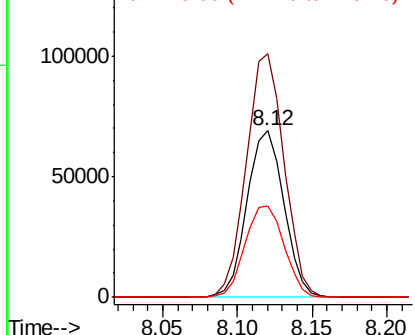


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

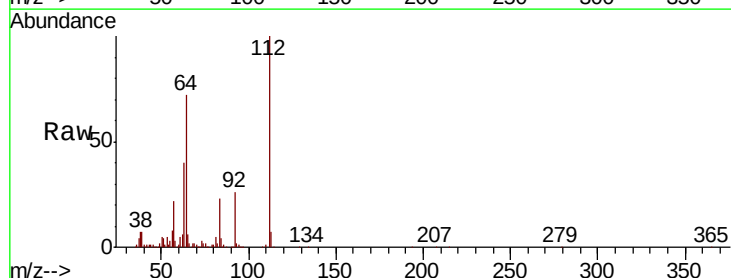
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.600 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG042851.D
Acq: 16 Sep 2019 16:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	60.2	90.2
63	39.9	31.2	46.8

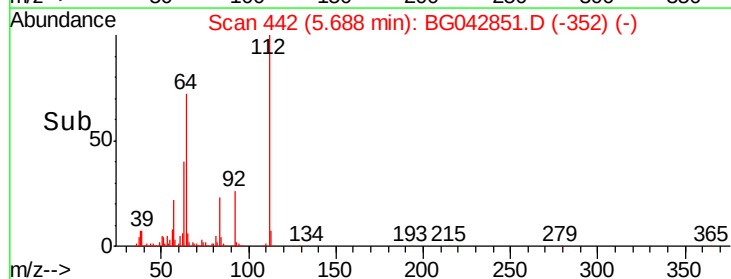
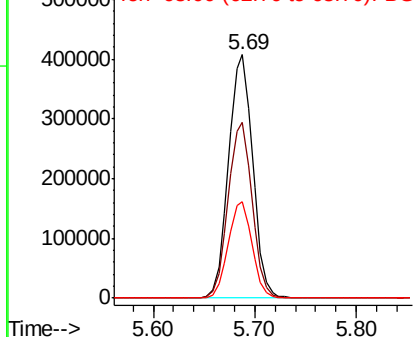


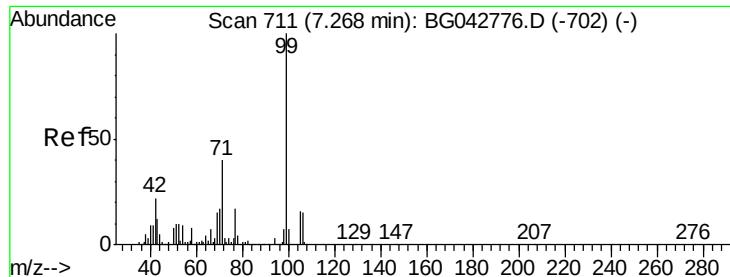
Abundance

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: 80.215 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042851.D

Acq: 16 Sep 2019 16:38

Instrument :

BNA_G

ClientSampleId :

TMW-04

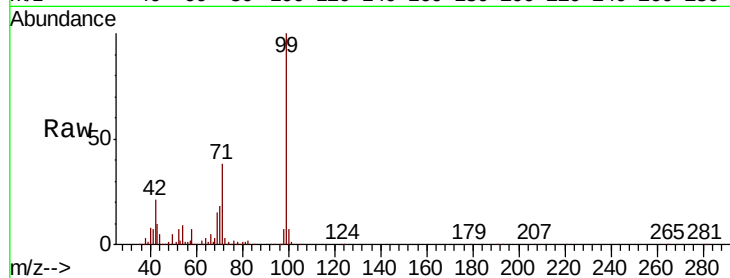
Tot Ion: 99 Resp: 783705

Ion Ratio Lower Upper

99 100

42 20.7 17.5 26.3

71 37.7 32.0 48.0

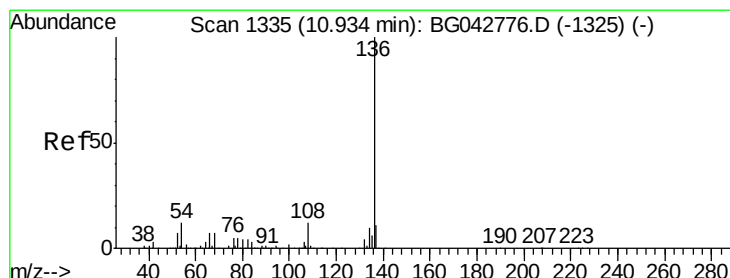
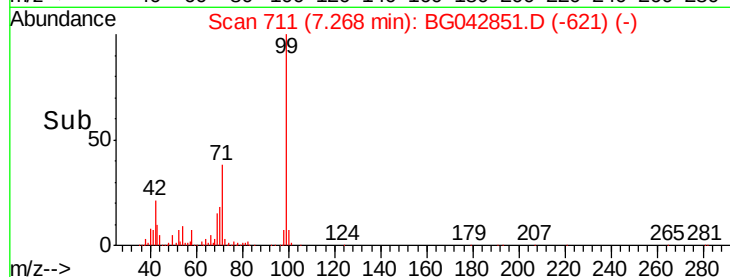
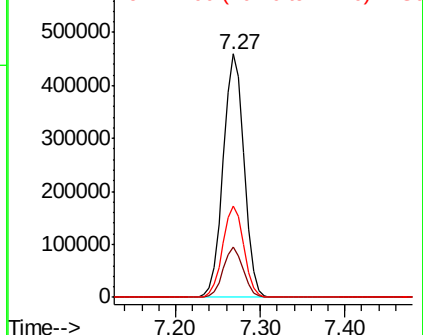


Abundance

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: 10.92 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BG042851.D

Acq: 16 Sep 2019 16:38

Tgt Ion: 136 Resp: 442442

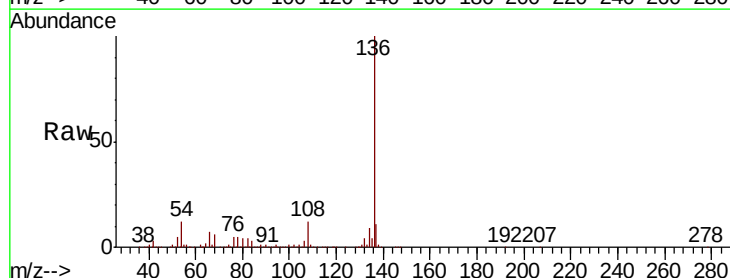
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 11.6 9.4 14.0

68 6.1 5.4 8.2



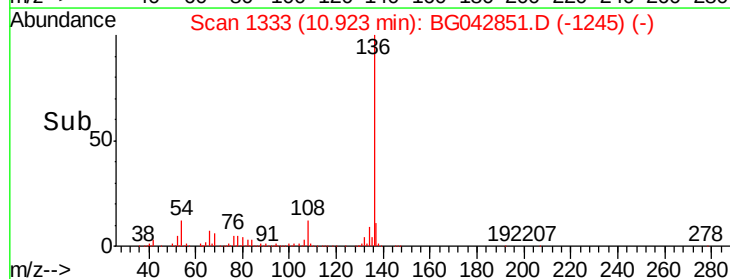
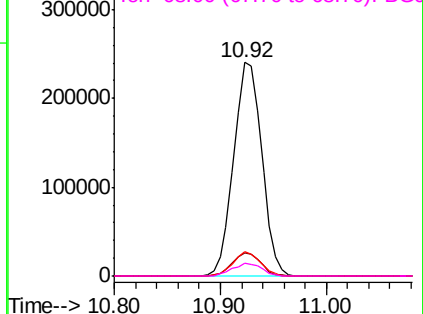
Abundance

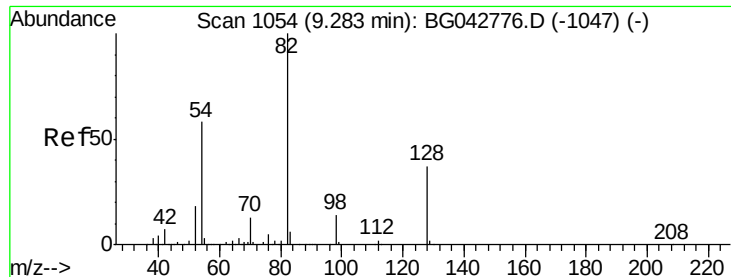
Ion 136.00 (135.70 to 136.70): BGC

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: 123.609 ng

RT: 9.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BG042851.D

Acq: 16 Sep 2019 16:38

Instrument :

BNA_G

ClientSampleId :

TMW-04

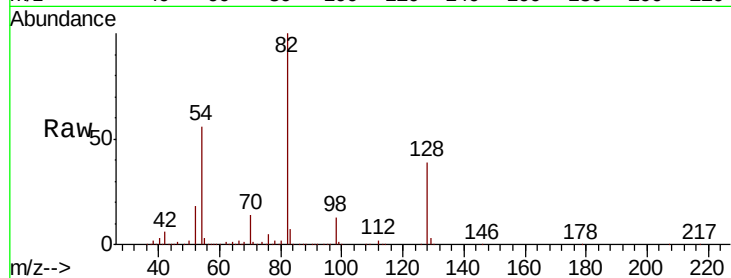
Tot Ion: 82 Resp: 1050463

Ion Ratio Lower Upper

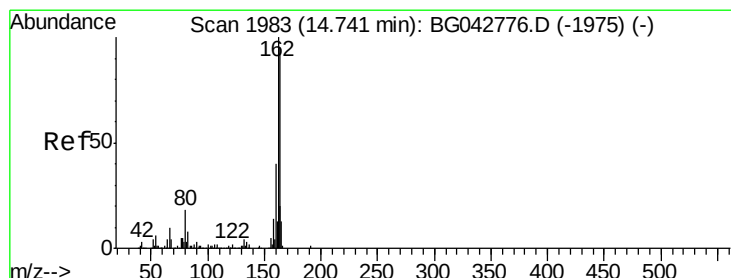
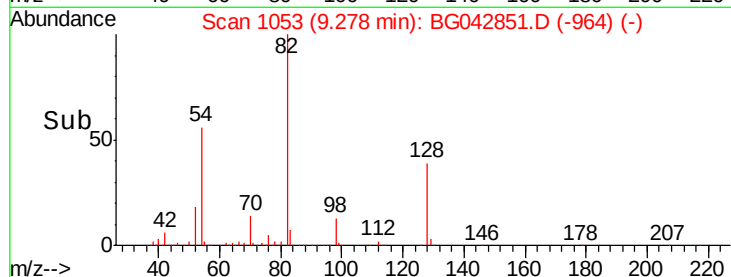
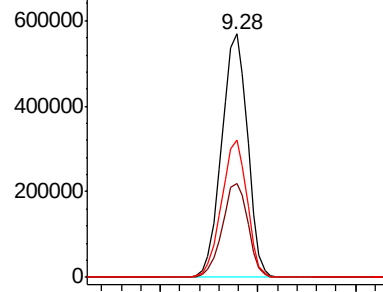
82 100

128 38.8 29.8 44.8

54 56.3 46.1 69.1



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042851.D

Acq: 16 Sep 2019 16:38

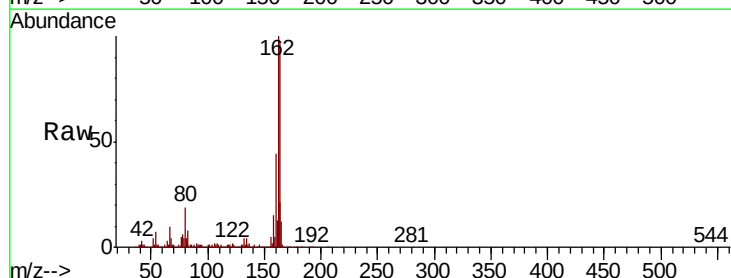
Tgt Ion:164 Resp: 291796

Ion Ratio Lower Upper

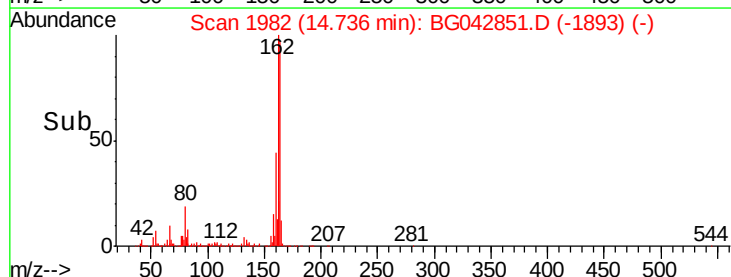
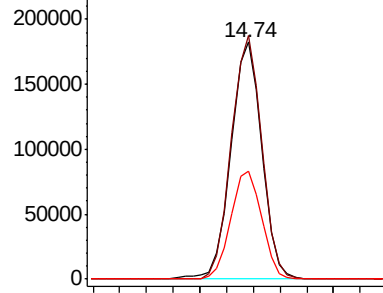
164 100

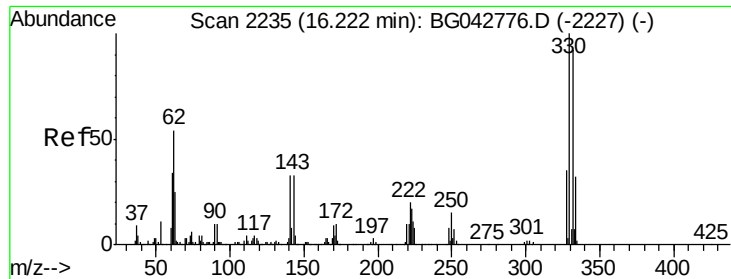
162 102.8 84.6 126.8

160 45.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

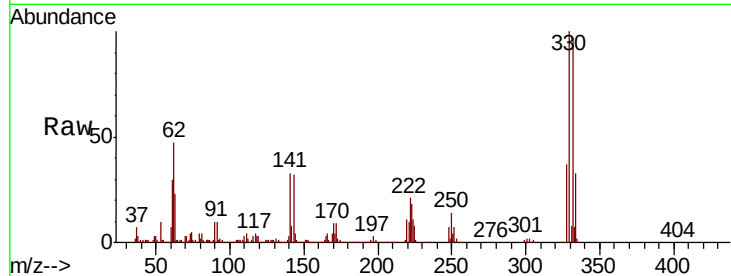




#42
 2,4,6-Tribromophenol
 Concen: 182.982 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. 0.00 min
 Lab File: BG042851.D
 Acq: 16 Sep 2019 16:38

Instrument :
 BNA_G
 ClientSampleID :
 TMW-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.7	115.1
141	35.4	27.0	40.6

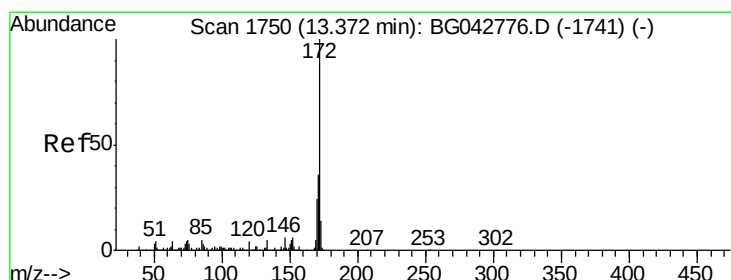
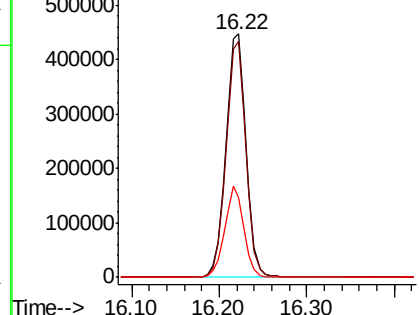
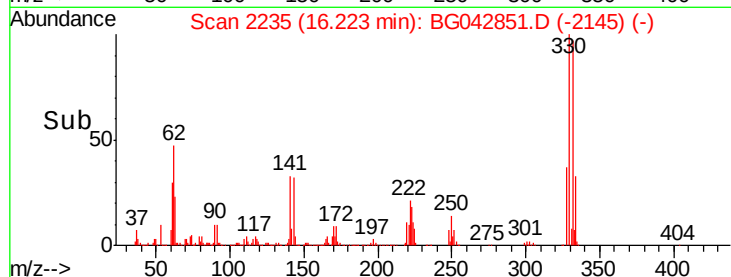


Abundance

Ion 329.80 (329.50 to 330.50): E

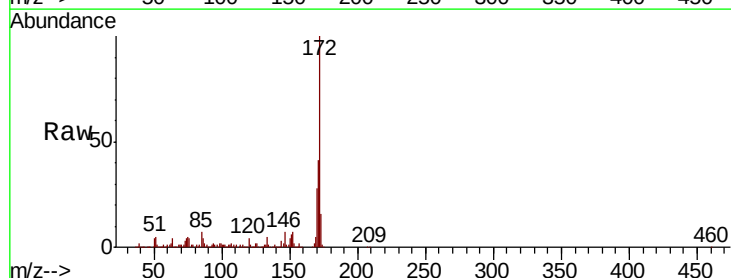
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 116.874 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042851.D
 Acq: 16 Sep 2019 16:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.3	28.9	43.3
170	27.9	19.1	28.7

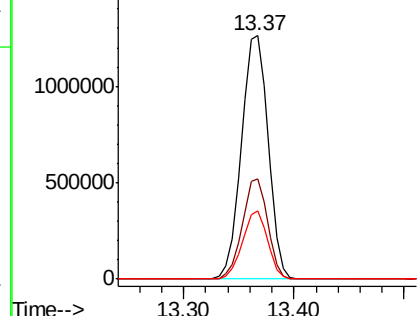
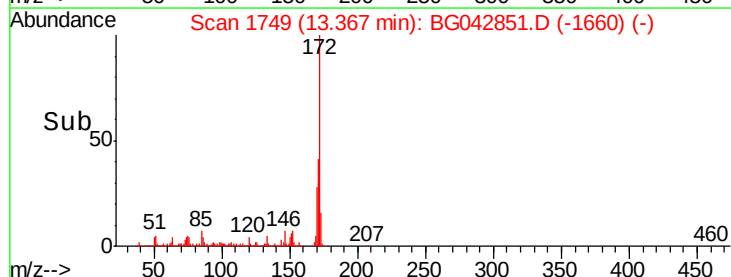


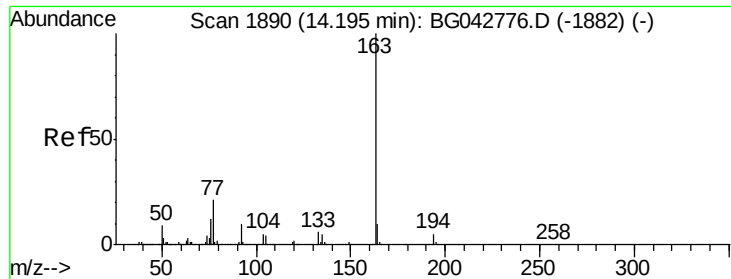
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.416 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BG042851.D

Acq: 16 Sep 2019 16:38

Instrument :

BNA_G

ClientSampled :

TMW-04

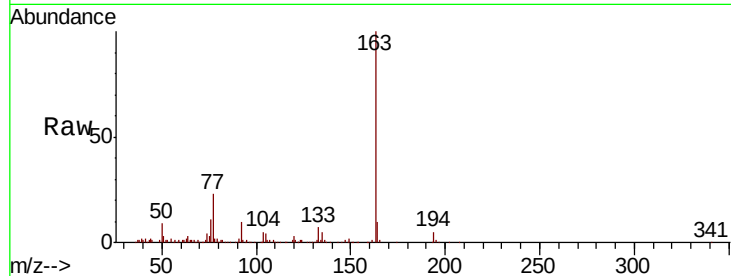
Tot Ion:163 Resp: 118386

Ion Ratio Lower Upper

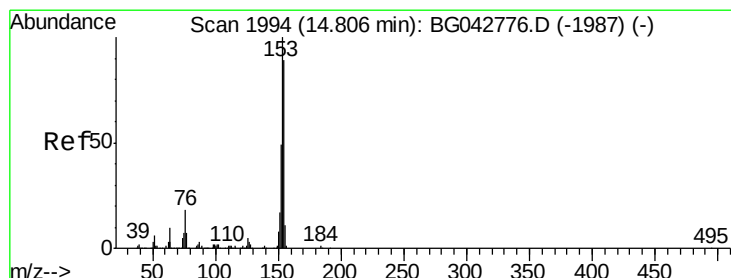
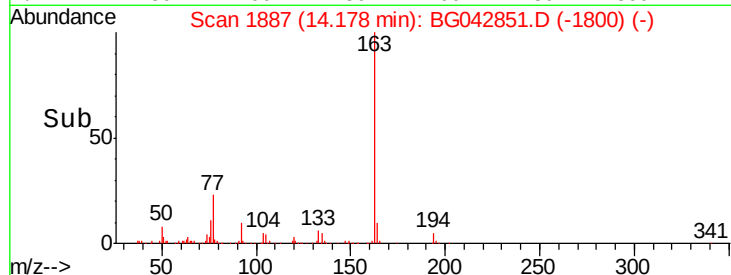
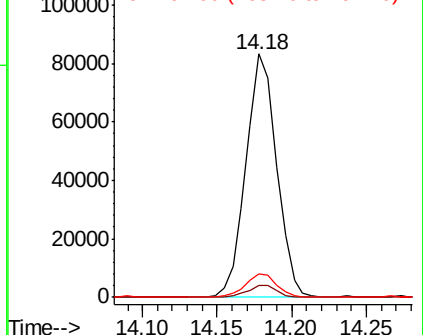
163 100

194 4.7 4.2 6.4

164 9.8 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



#52

Acenaphthene

Concen: 4.971 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG042851.D

Acq: 16 Sep 2019 16:38

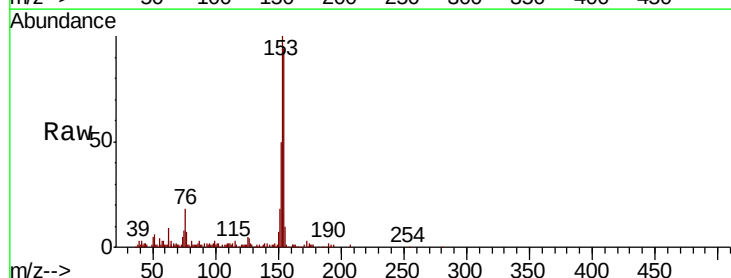
Tgt Ion:154 Resp: 83868

Ion Ratio Lower Upper

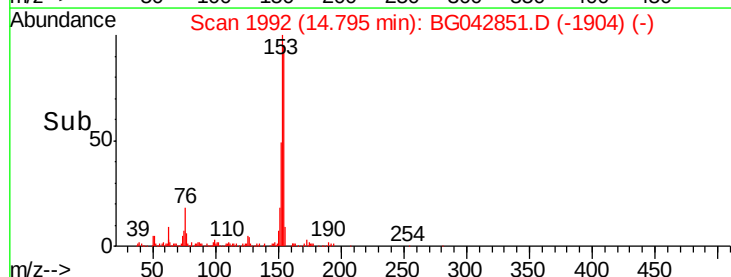
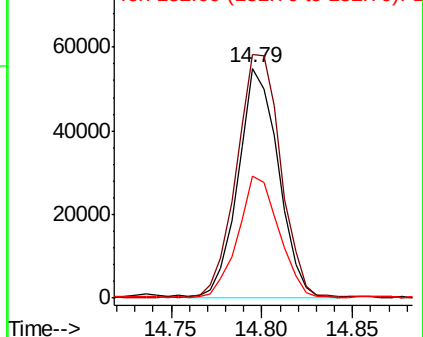
154 100

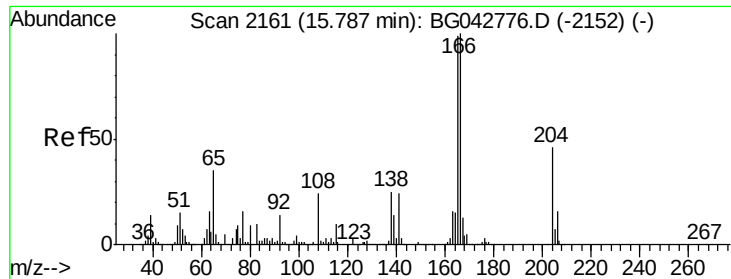
153 106.1 89.4 134.2

152 52.9 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

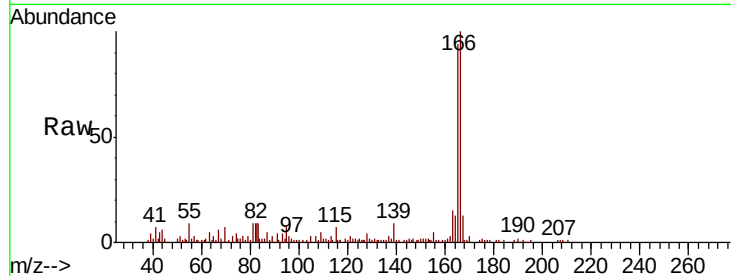




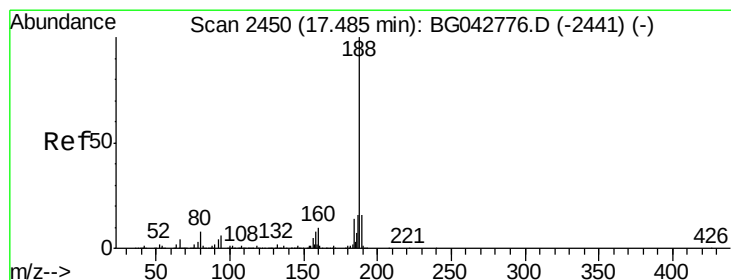
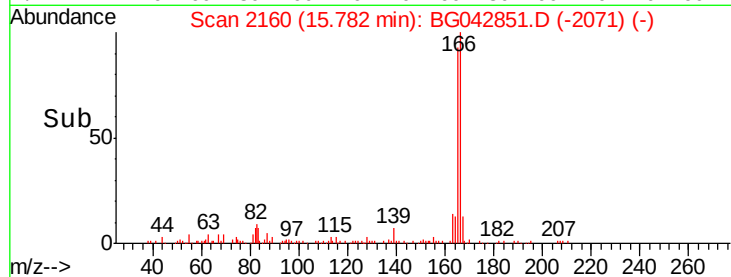
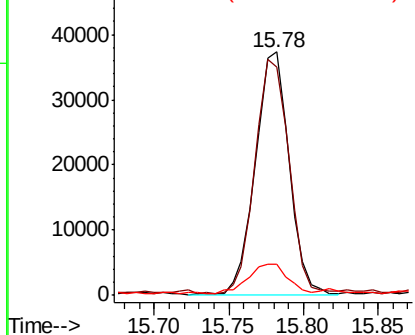
#58
 Fluorene
 Concen: 2.779 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG042851.D
 Acq: 16 Sep 2019 16:38

Instrument :
 BNA_G
 ClientSampleId :
 TMW-04

Tot Ion:166 Resp: 57747
 Ion Ratio Lower Upper
 166 100
 165 93.8 79.1 118.7
 167 12.6 10.7 16.1

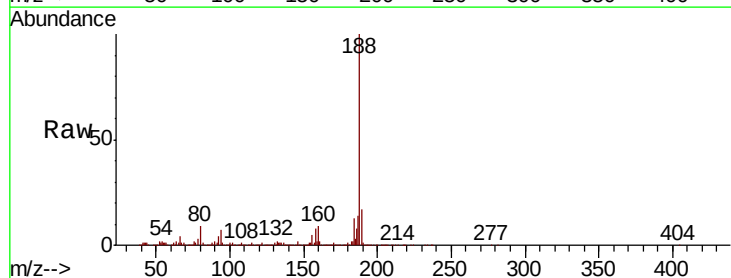


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

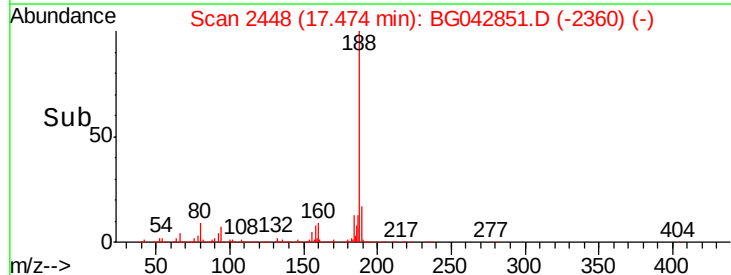
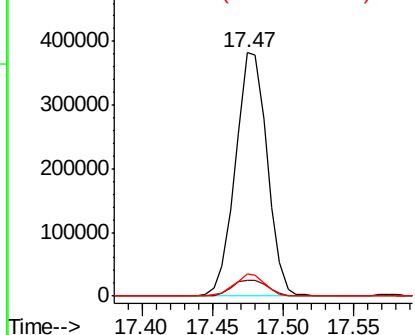


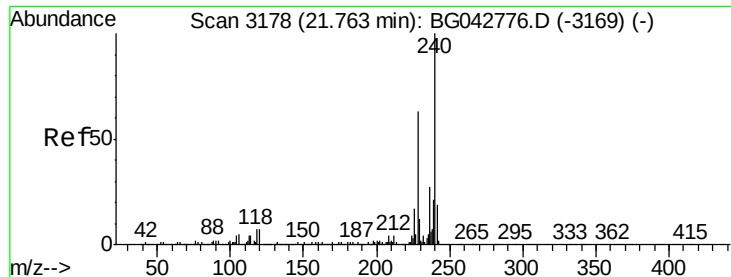
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2448
 Delta R.T. -0.01 min
 Lab File: BG042851.D
 Acq: 16 Sep 2019 16:38

Tgt Ion:188 Resp: 601164
 Ion Ratio Lower Upper
 188 100
 94 6.7 4.8 7.2
 80 9.3 6.6 9.8



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: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042851.D

Acq: 16 Sep 2019 16:38

Instrument :

BNA_G

ClientSampleId :

TMW-04

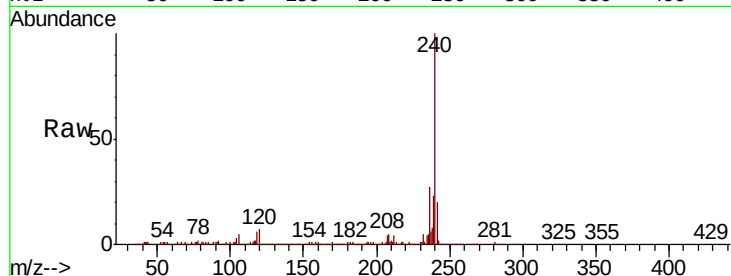
Tot Ion:240 Resp: 597303

Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.2

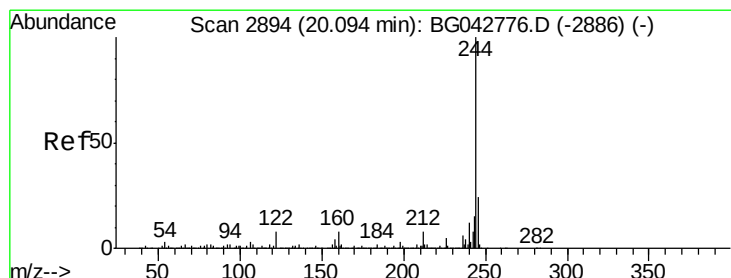
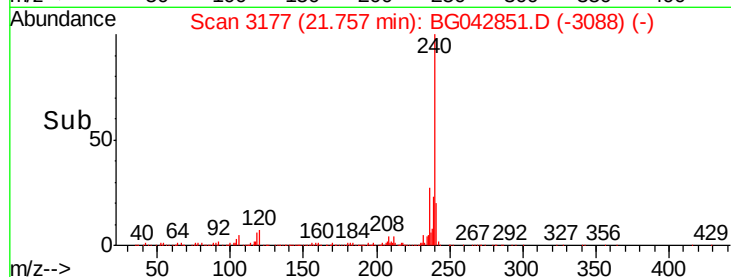
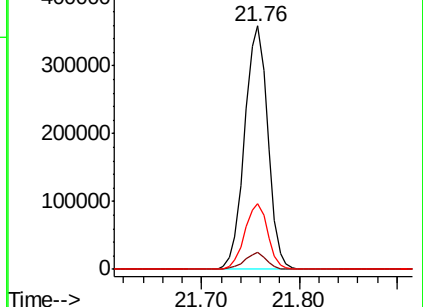
236 26.7 21.7 32.5



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: 109.700 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042851.D

Acq: 16 Sep 2019 16:38

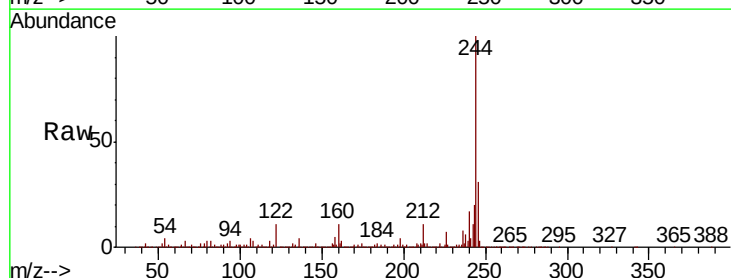
Tgt Ion:244 Resp: 2956488

Ion Ratio Lower Upper

244 100

212 11.4 6.6 10.0#

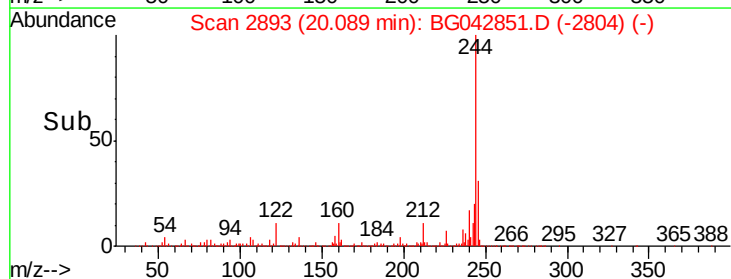
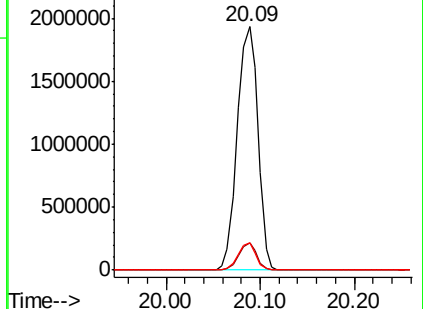
122 11.1 6.2 9.4#

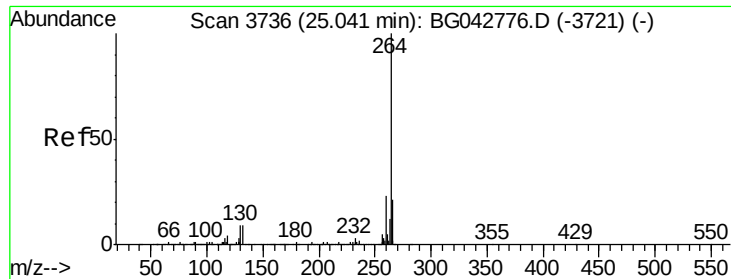


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG042851.D
Acq: 16 Sep 2019 16:38

Instrument :
BNA_G
ClientSampleId :
TMW-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.5	16.9	25.3

