

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041502.D
 Acq On : 28 Jun 2019 1:19
 Operator : HP/JU
 Sample : K3552-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-10

Quant Time: Jun 28 05:53:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

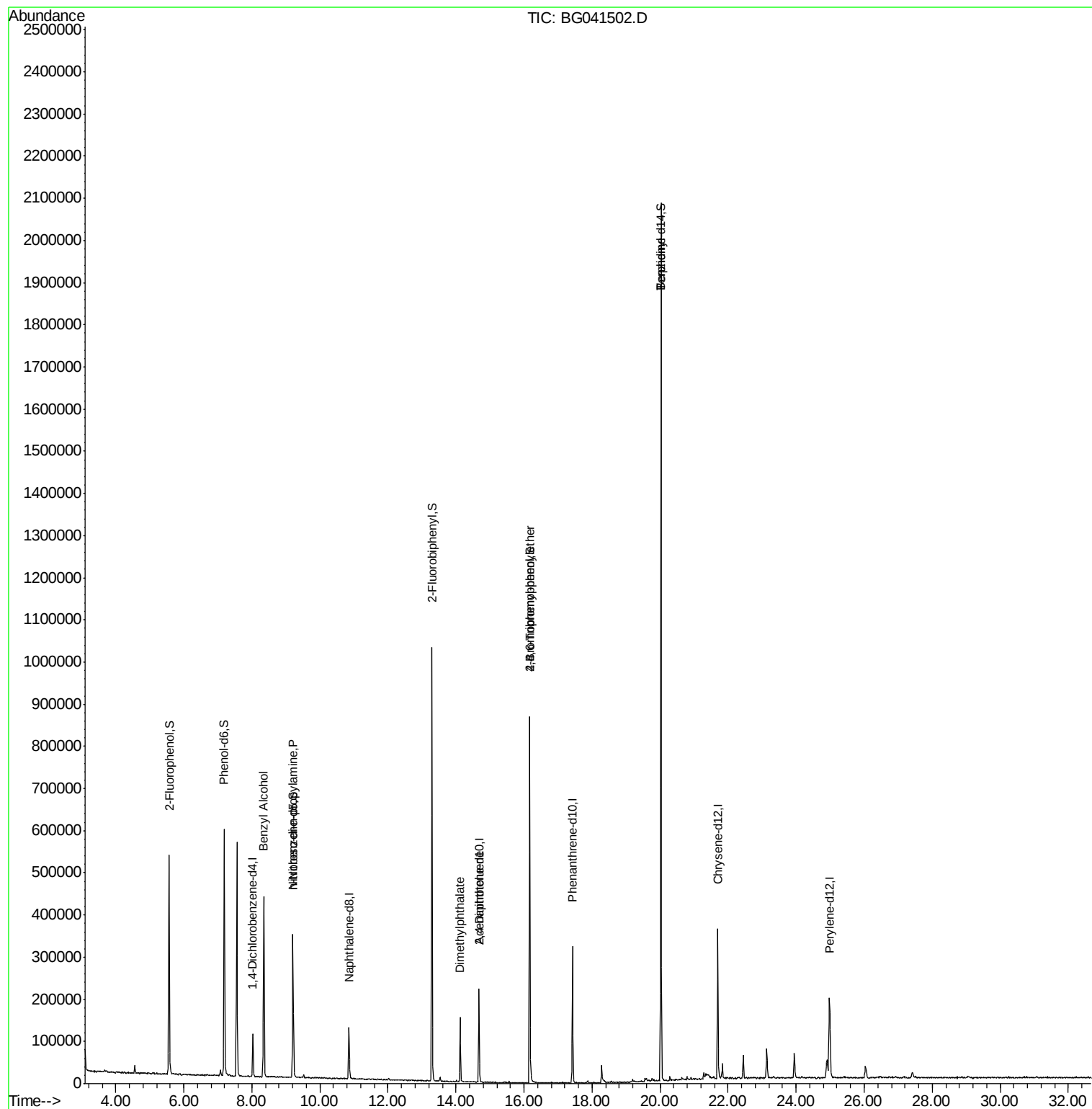
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27699	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	102824	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	77579	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	208923	20.00	ng	0.00
76) Chrysene-d12	21.69	240	219829	20.00	ng	0.00
87) Perylene-d12	24.98	264	234015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	207901	133.82	ng	0.00
7) Phenol-d6	7.19	99	301582	137.89	ng	0.00
23) Nitrobenzene-d5	9.21	82	215478	87.40	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	170246	128.53	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	518281	85.73	ng	0.00
79) Terphenyl-d14	20.02	244	1005767	97.23	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	4038	2.318	ng	# 58
19) n-Nitroso-di-n-propylamine	9.21	70	31628	19.387	ng	# 72
50) Dimethylphthalate	14.12	163	106650	15.107	ng	# 99
57) 2,4-Dinitrotoluene	14.67	165	9892	4.551	ng	# 22
67) 4-Bromophenyl-phenylether	16.17	248	12187	4.269	ng	# 1
77) Benzidine	20.02	184	16884	3.462	ng	# 94

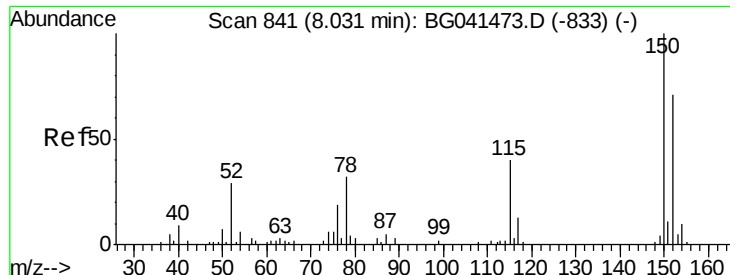
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
Data File : BG041502.D
Acq On : 28 Jun 2019 1:19
Operator : HP/JU
Sample : K3552-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-10

Quant Time: Jun 28 05:53:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:19

Instrument :

BNA_G

ClientSampleId :

M-10

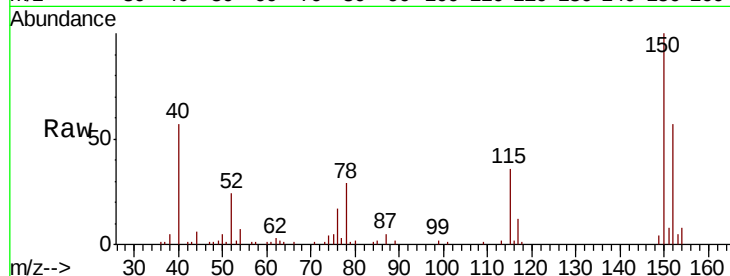
Tgt Ion:152 Resp: 27699

Ion Ratio Lower Upper

152 100

150 176.6 112.4 168.6#

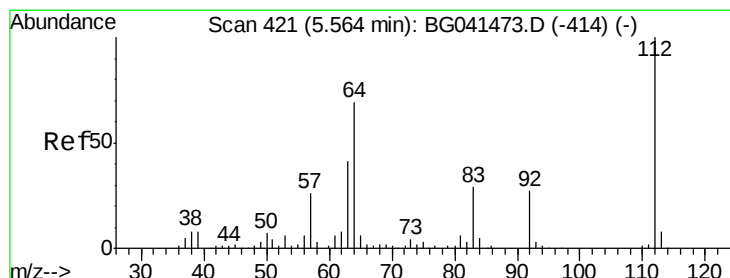
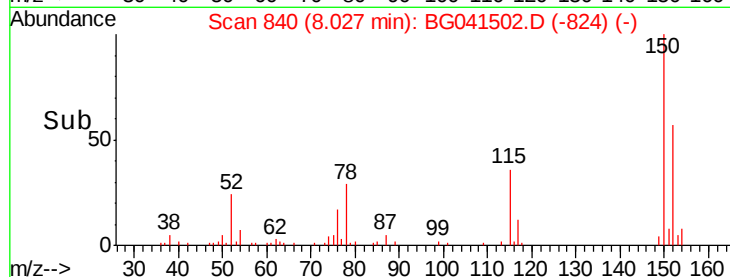
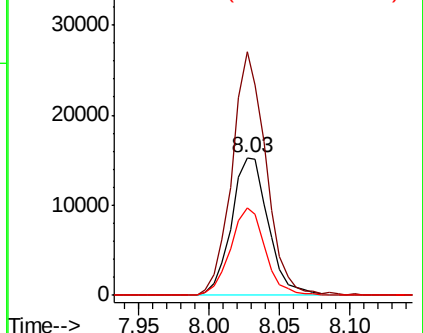
115 63.4 44.6 66.8



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: 133.816 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:19

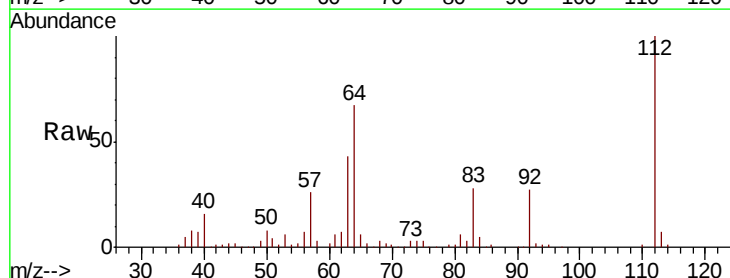
Tgt Ion:112 Resp: 207901

Ion Ratio Lower Upper

112 100

64 66.6 55.1 82.7

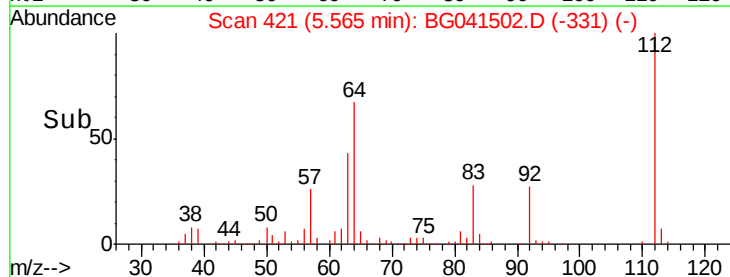
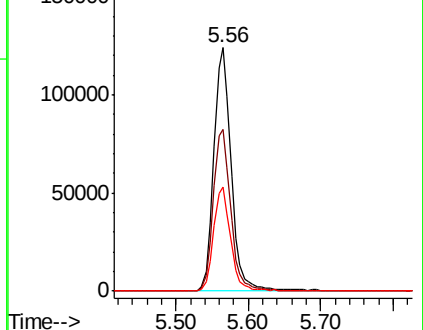
63 43.0 32.4 48.6



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: 137.891 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:19

Instrument :

BNA_G

ClientSampleId :

M-10

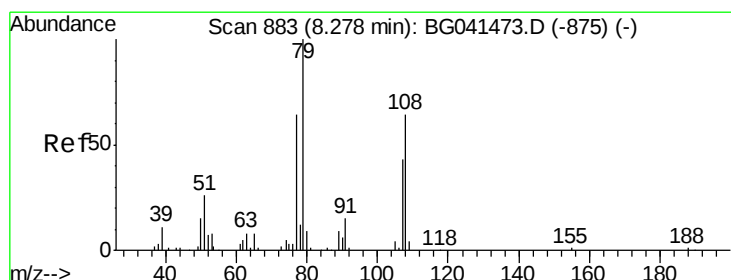
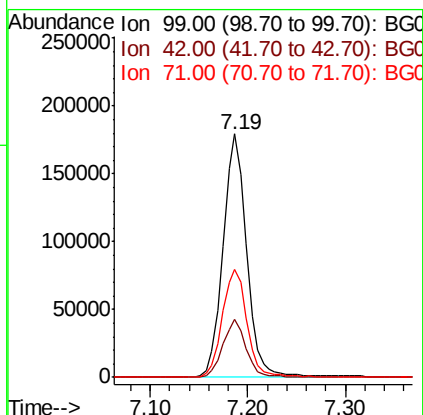
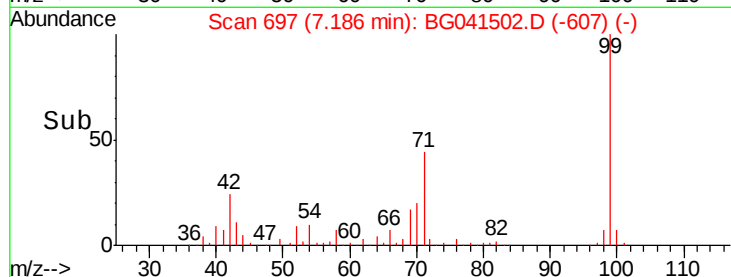
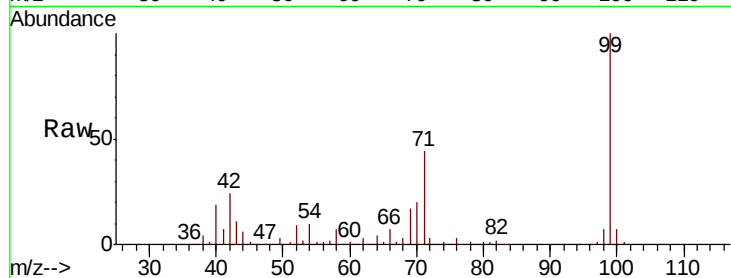
Tgt Ion: 99 Resp: 301582

Ion Ratio Lower Upper

99 100

42 23.7 19.0 28.6

71 44.5 37.4 56.2



#15

Benzyl Alcohol

Concen: 2.318 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:19

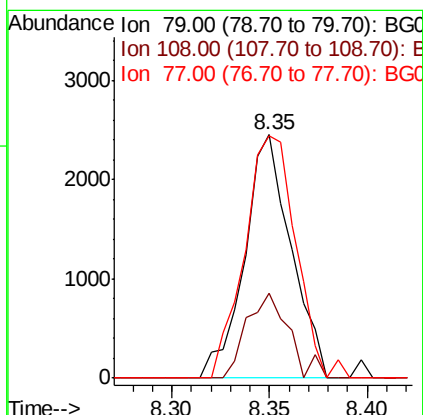
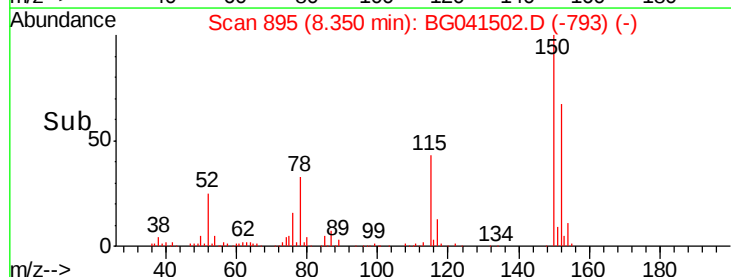
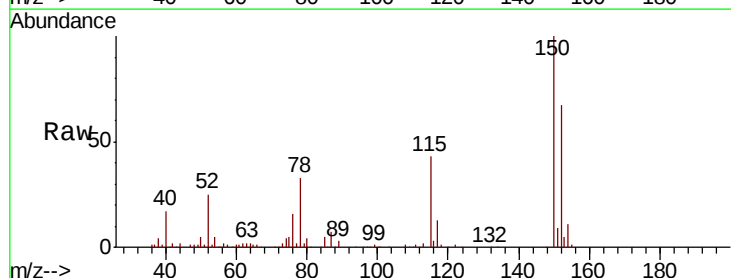
Tgt Ion: 79 Resp: 4038

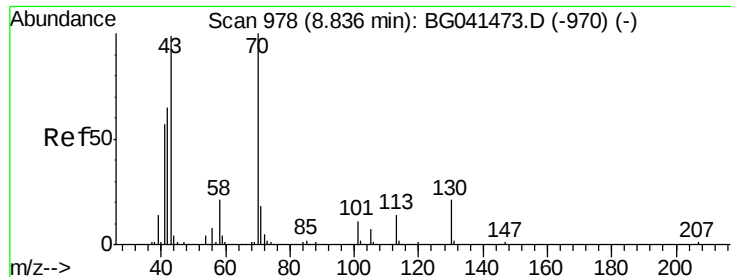
Ion Ratio Lower Upper

79 100

108 34.8 51.4 77.0#

77 99.4 50.8 76.2#

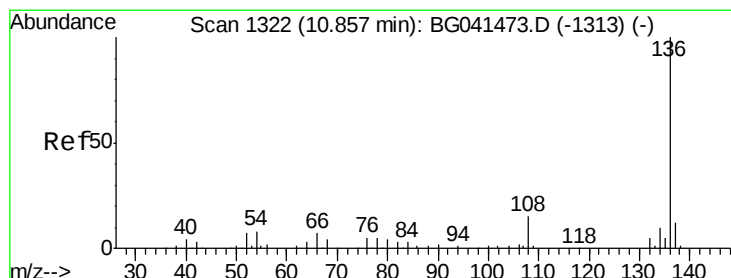
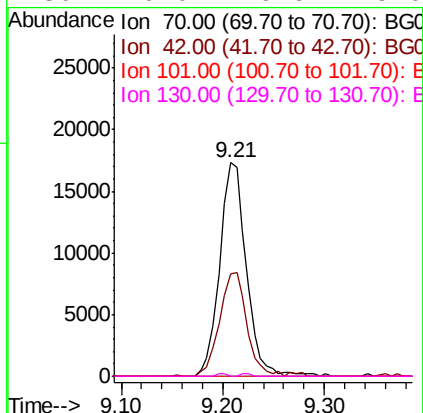
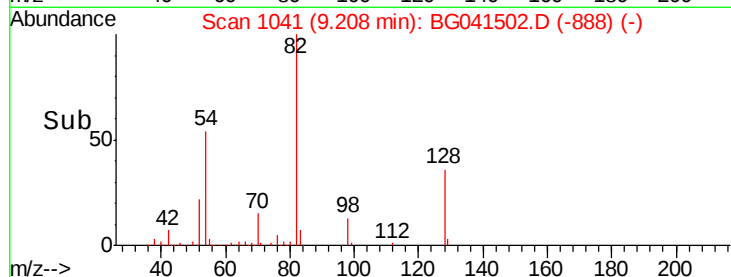
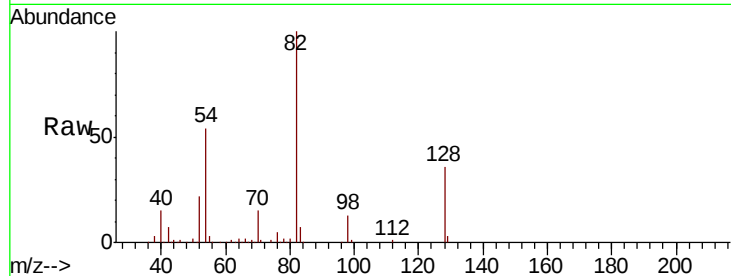




#19
n-Nitroso-di-n-propylamine
Concen: 19.387 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

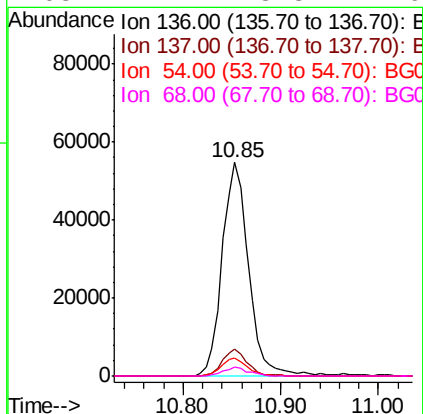
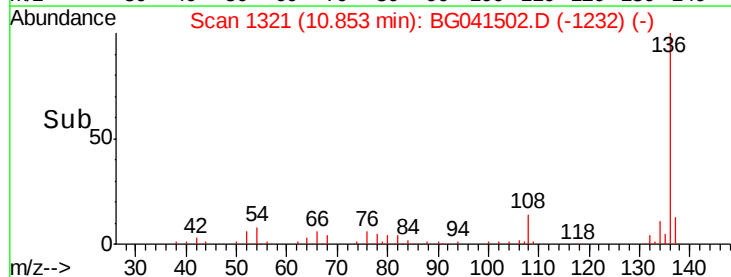
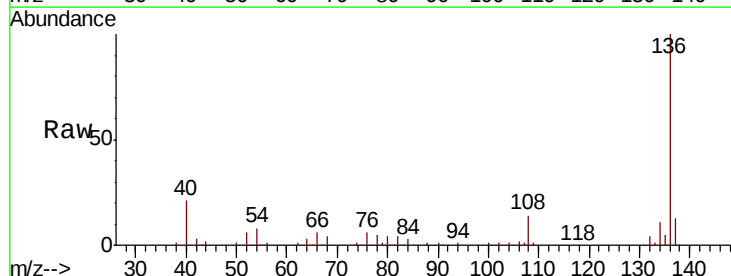
Instrument :
BNA_G
ClientSampleId :
M-10

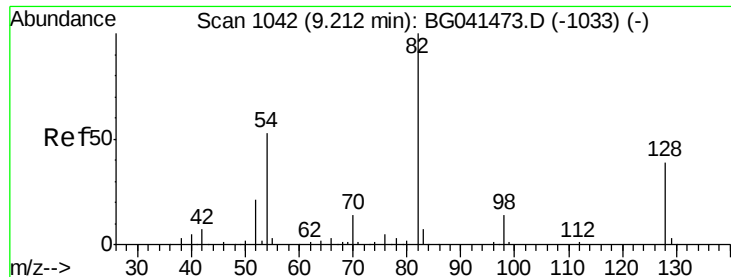
Tgt Ion: 70 Resp: 31628
Ion Ratio Lower Upper
70 100
42 47.7 52.6 78.8#
101 0.0 8.6 13.0#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Tgt Ion: 136 Resp: 102824
Ion Ratio Lower Upper
136 100
137 12.8 9.3 13.9
54 8.3 7.1 10.7
68 4.2 3.3 4.9

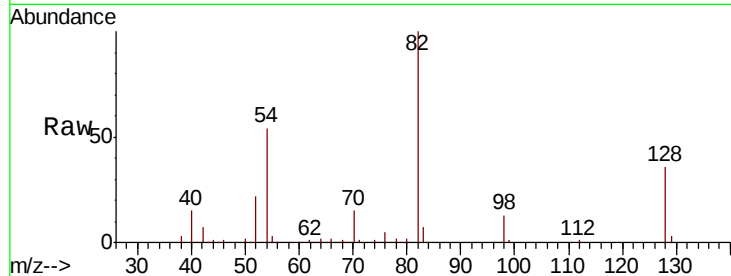




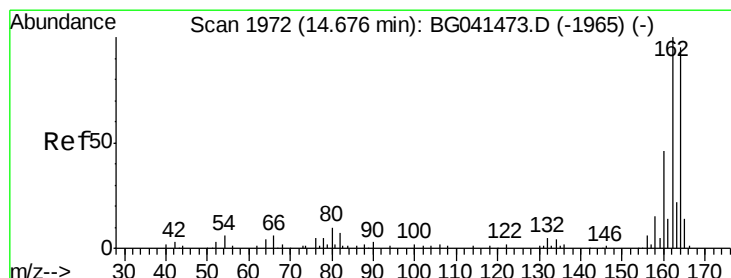
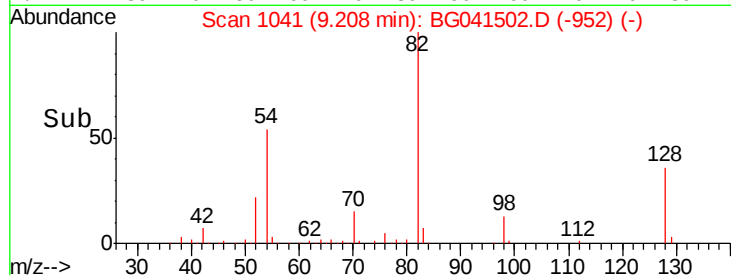
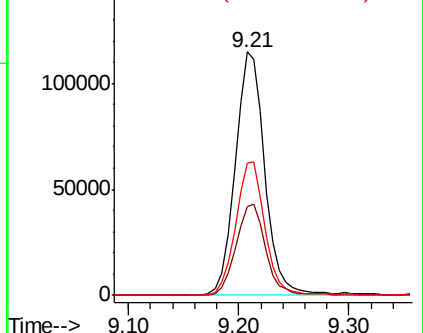
#23
 Nitrobenzene-d5
 Concen: 87.401 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041502.D
 Acq: 28 Jun 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 M-10

Tgt Ion: 82 Resp: 215478
 Ion Ratio Lower Upper
 82 100
 128 36.4 30.9 46.3
 54 54.1 42.2 63.2

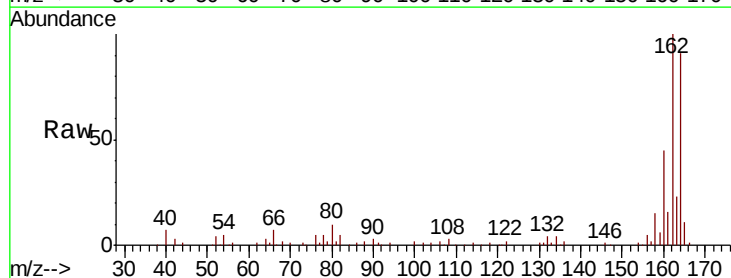


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

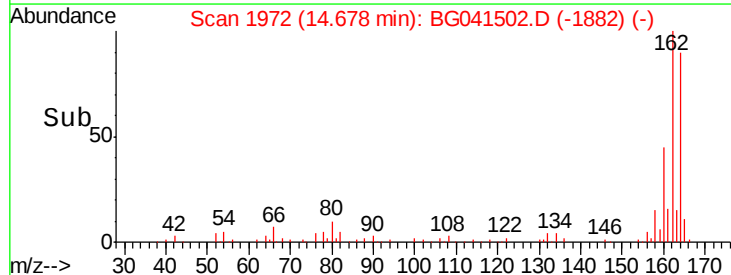
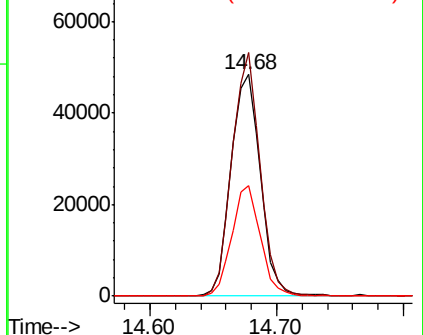


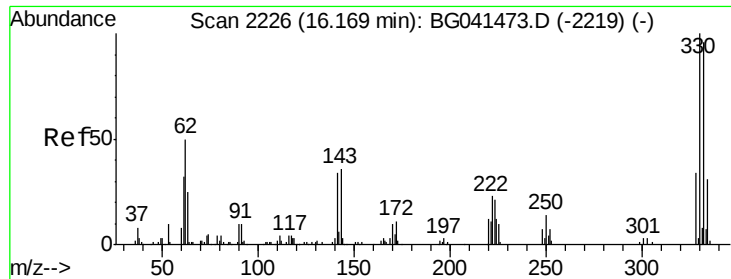
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG041502.D
 Acq: 28 Jun 2019 1:19

Tgt Ion: 164 Resp: 77579
 Ion Ratio Lower Upper
 164 100
 162 109.9 84.4 126.6
 160 49.9 38.8 58.2



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

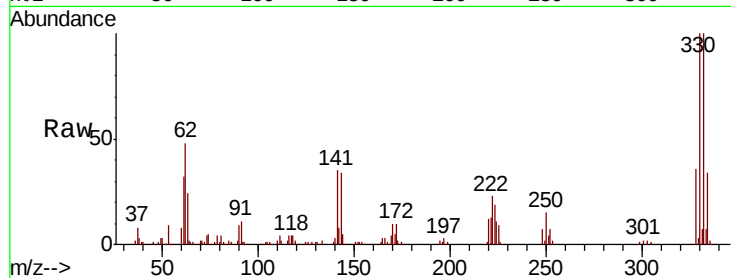




#42
 2,4,6-Tribromophenol
 Concen: 128.525 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG041502.D
 Acq: 28 Jun 2019 1:19

Instrument :
 BNA_G
 ClientSampled :
 M-10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.5	113.3
141	36.6	27.8	41.6

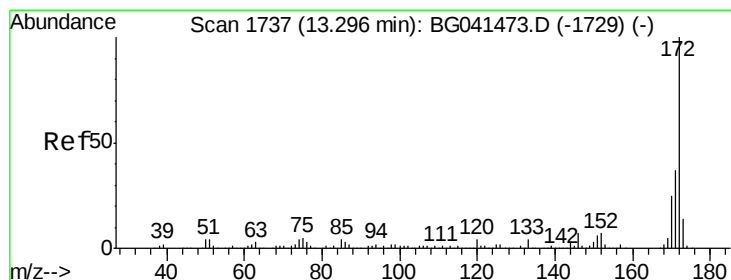
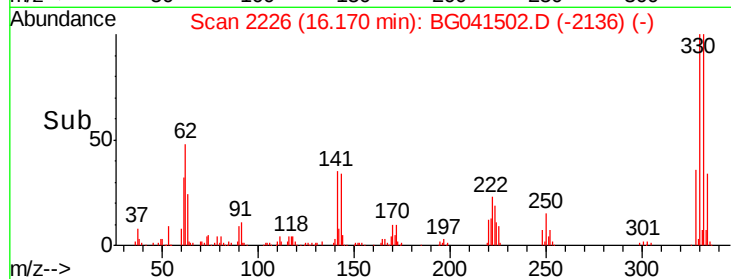
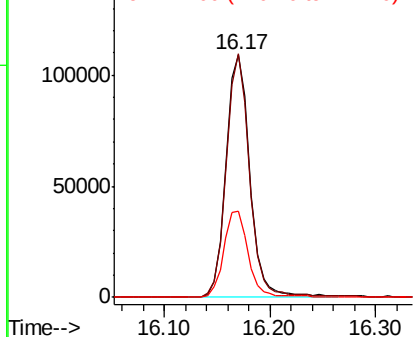


Abundance

Ion 329.80 (329.50 to 330.50): E

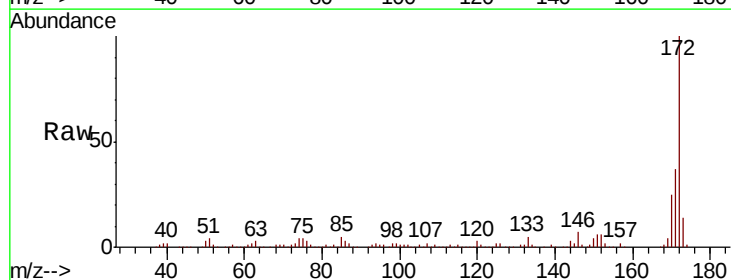
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.730 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG041502.D
 Acq: 28 Jun 2019 1:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.0	20.0	30.0

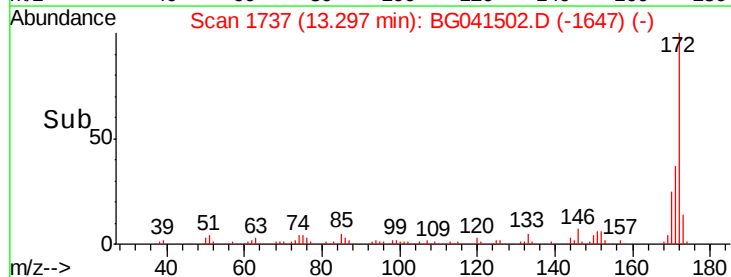
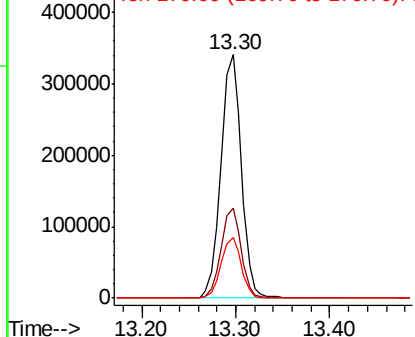


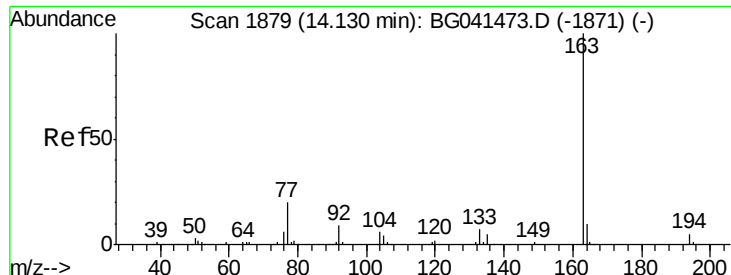
Abundance

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: 15.107 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:19

Instrument :

BNA_G

ClientSampleId :

M-10

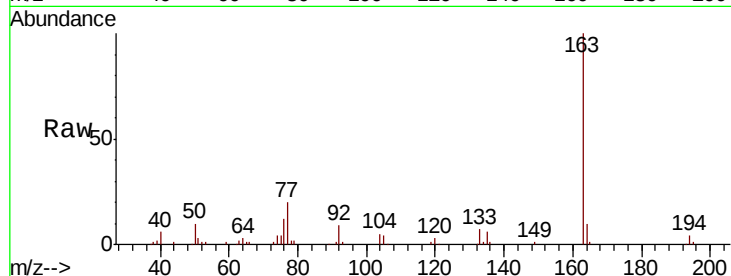
Tgt Ion:163 Resp: 106650

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

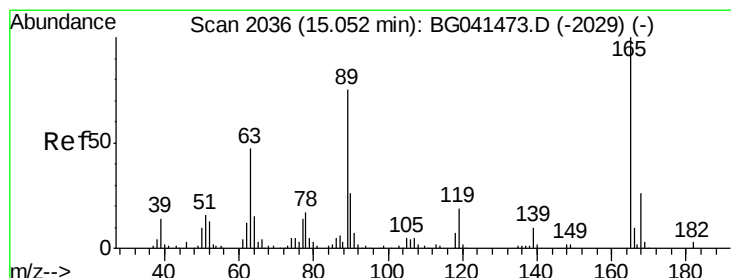
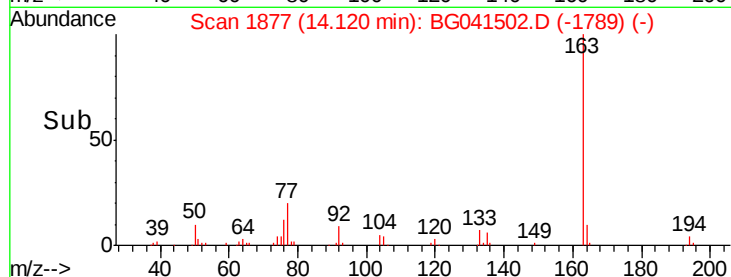
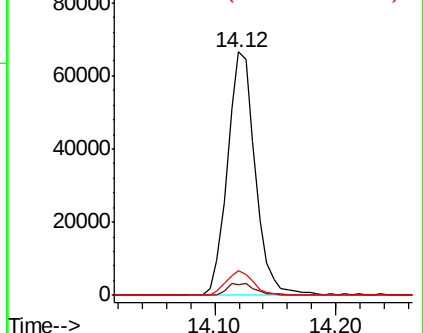
164 10.1 7.8 11.6



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



#57

2,4-Dinitrotoluene

Concen: 4.551 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.38 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:19

Tgt Ion:165 Resp: 9892

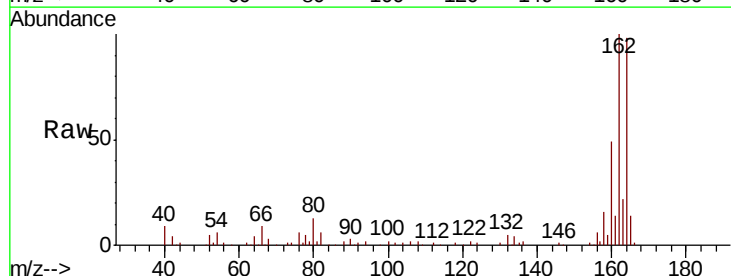
Ion Ratio Lower Upper

165 100

63 3.1 38.8 58.2#

89 0.0 60.1 90.1#

182 0.0 2.2 3.2#

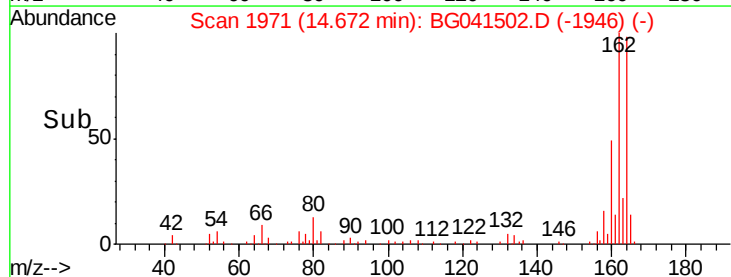
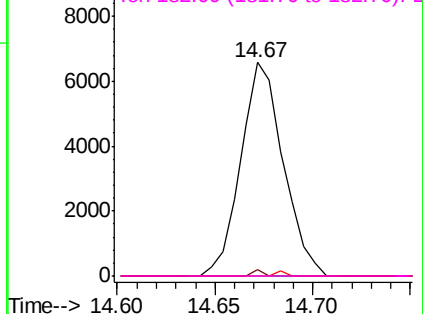


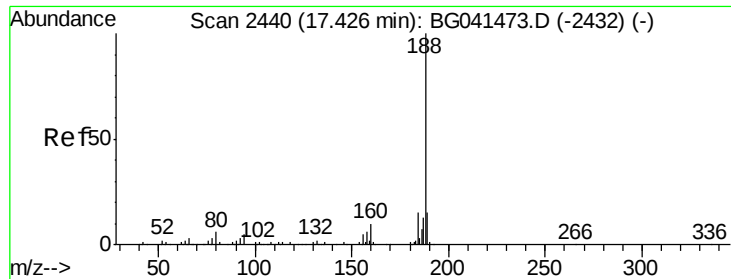
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.43 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:19

Instrument :

BNA_G

ClientSampleId :

M-10

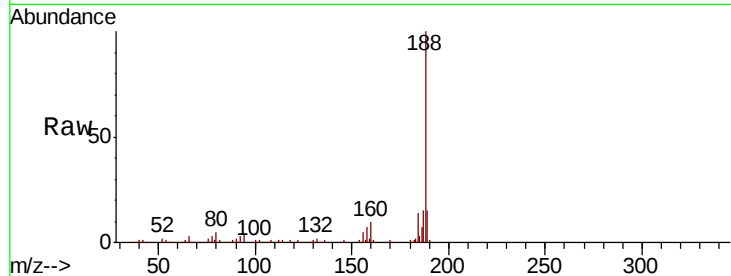
Tgt Ion:188 Resp: 208923

Ion Ratio Lower Upper

188 100

94 4.2 3.8 5.8

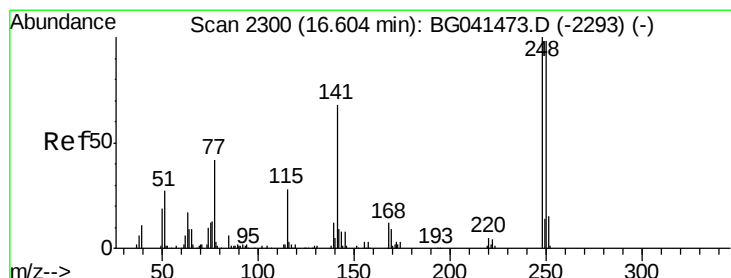
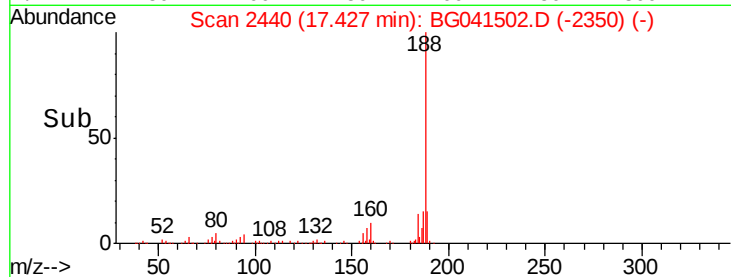
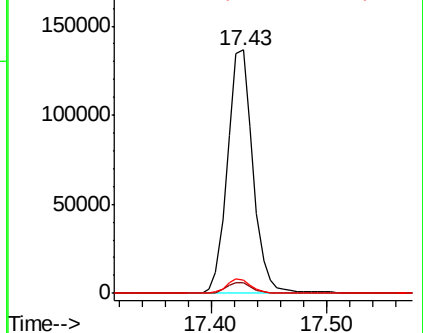
80 5.3 4.8 7.2



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



#67

4-Bromophenyl-phenylether

Concen: 4.269 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.43 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:19

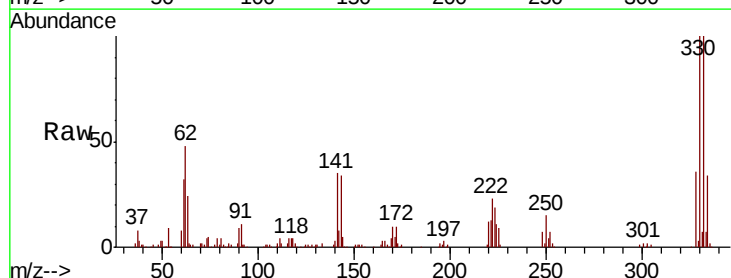
Tgt Ion:248 Resp: 12187

Ion Ratio Lower Upper

248 100

250 205.8 78.1 117.1#

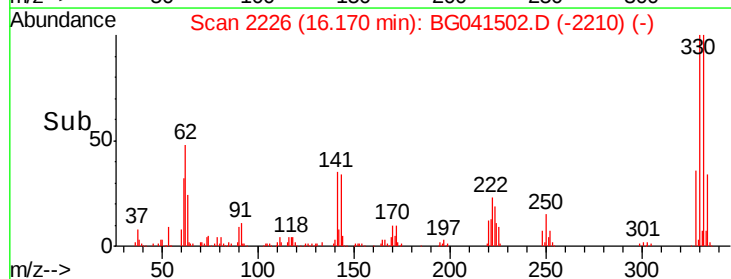
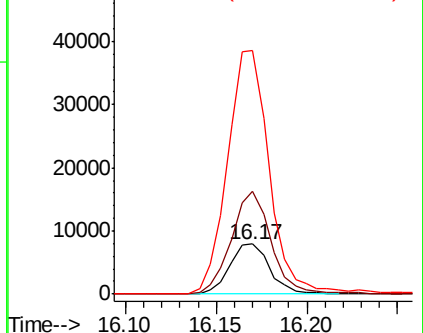
141 485.0 54.1 81.1#

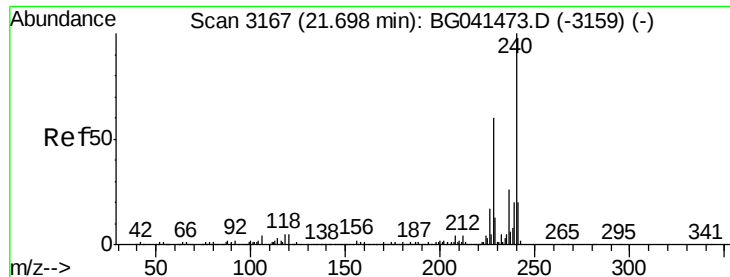


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

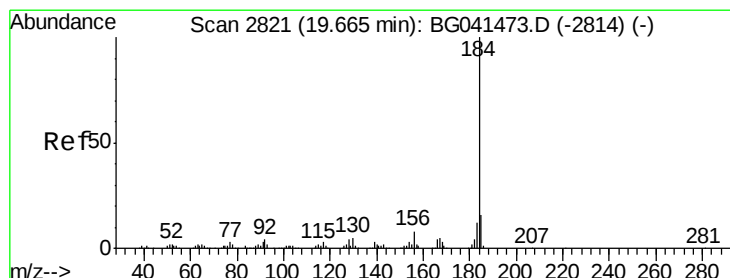
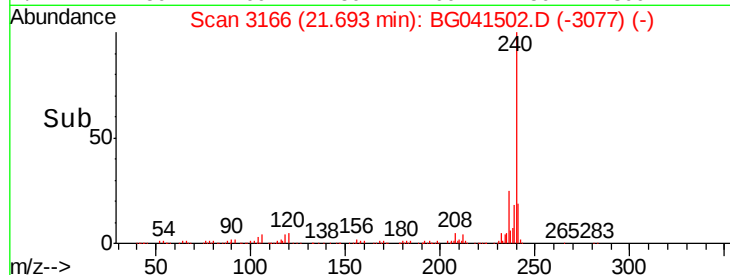
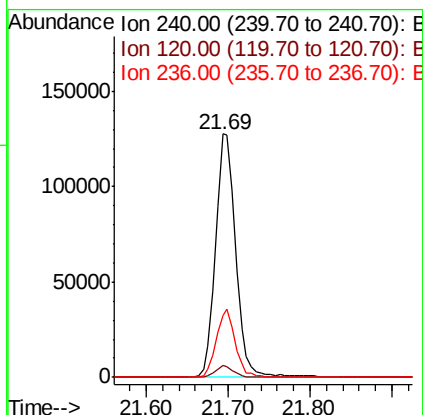
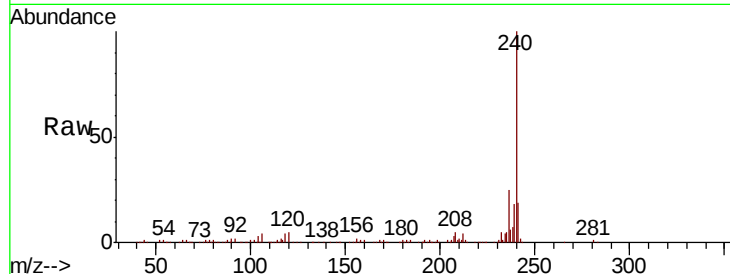




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

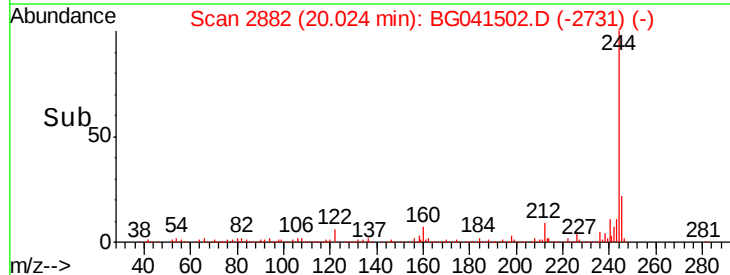
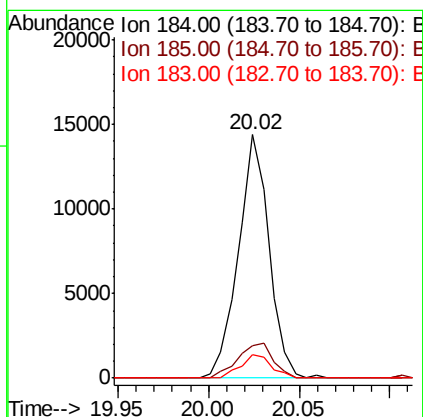
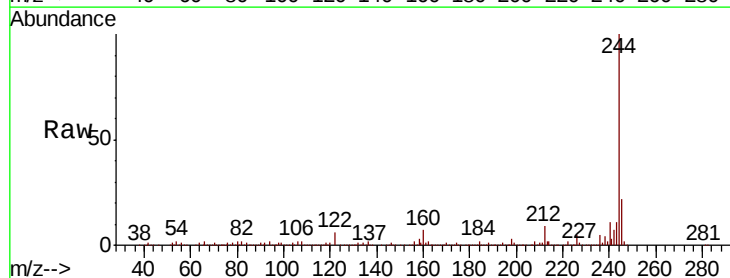
Instrument :
BNA_G
ClientSampleId :
M-10

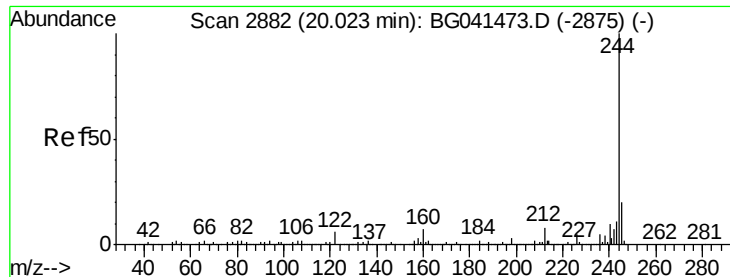
Tgt Ion:240 Resp: 219829
Ion Ratio Lower Upper
240 100
120 4.7 3.7 5.5
236 25.5 20.8 31.2



#77
Benzidine
Concen: 3.462 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG041502.D
Acq: 28 Jun 2019 1:19

Tgt Ion:184 Resp: 16884
Ion Ratio Lower Upper
184 100
185 13.2 12.7 19.1
183 9.9 9.4 14.2





#79

Terphenyl-d14

Concen: 97.227 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:19

Instrument :

BNA_G

ClientSampleId :

M-10

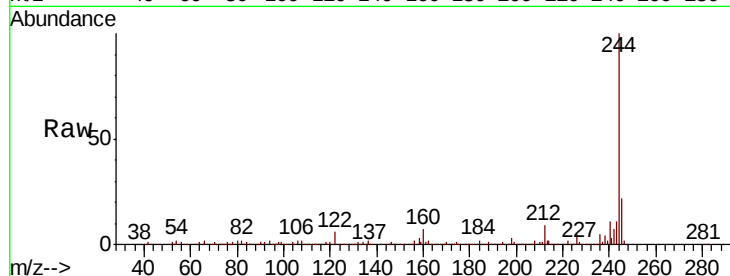
Tgt Ion:244 Resp: 1005767

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.4

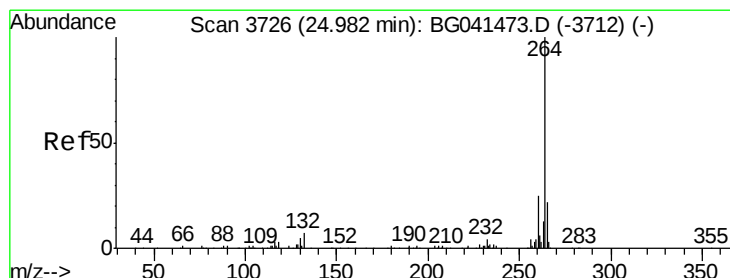
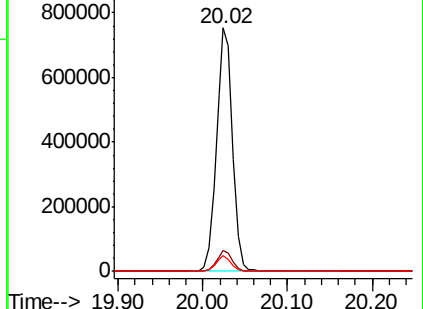
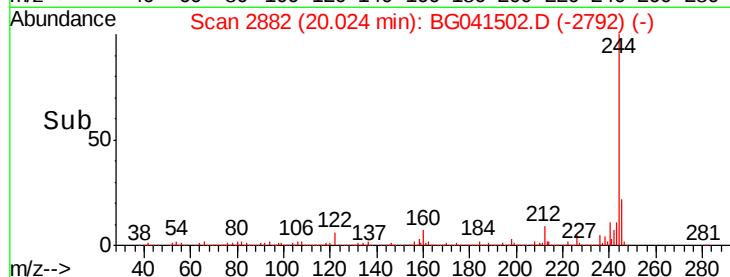
122 6.3 4.8 7.2



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: 24.98 min Scan# 3725

Delta R.T. -0.00 min

Lab File: BG041502.D

Acq: 28 Jun 2019 1:19

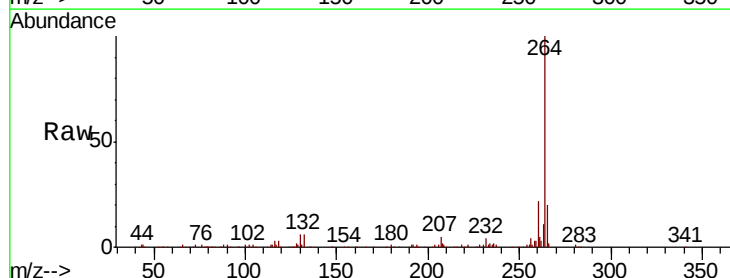
Tgt Ion:264 Resp: 234015

Ion Ratio Lower Upper

264 100

260 22.3 19.7 29.5

265 19.9 17.4 26.2



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

