

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041212.D
 Acq On : 12 Jun 2019 18:50
 Operator : HP/JU
 Sample : PB120532BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BL

Quant Time: Jun 13 05:37:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

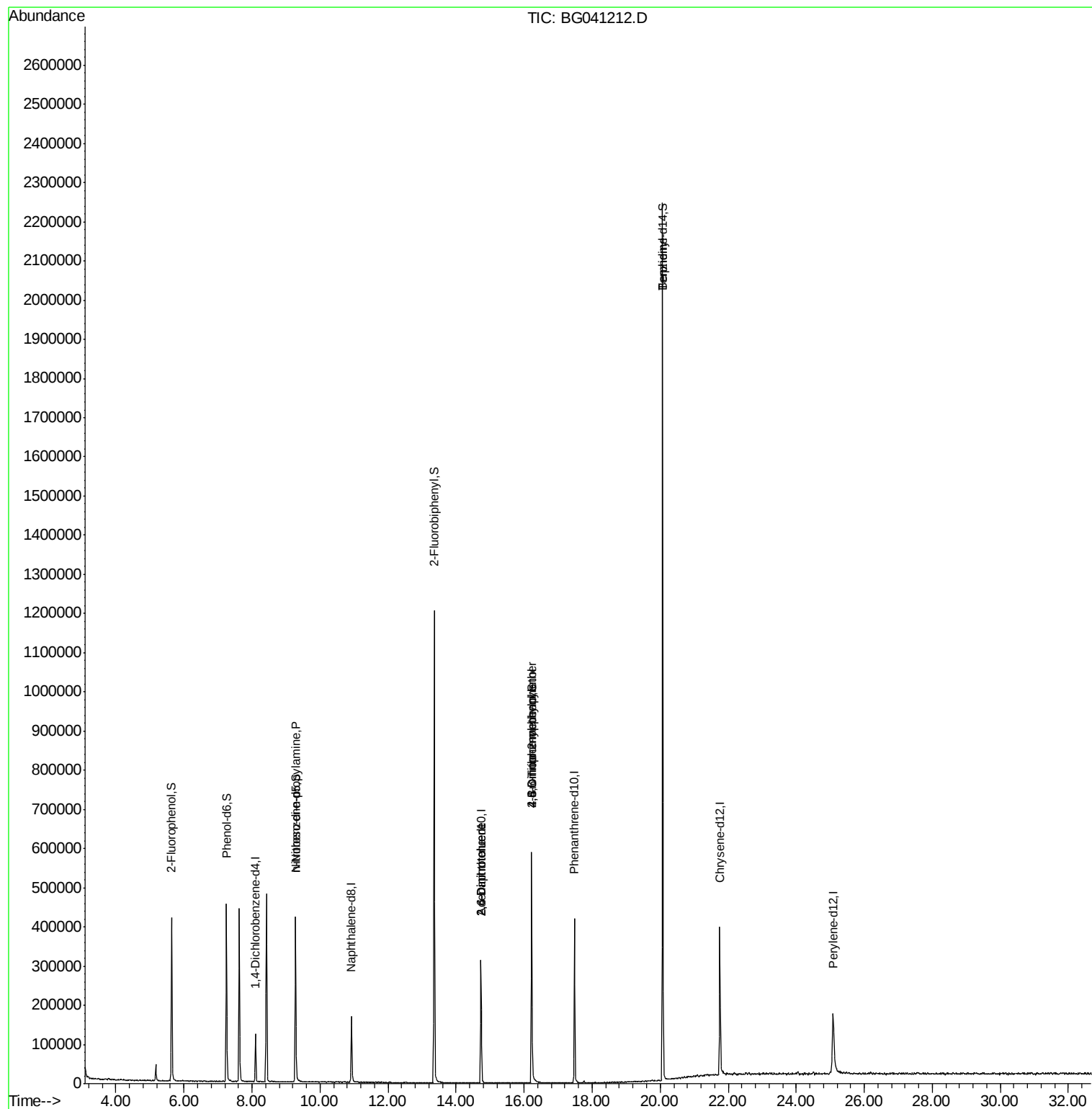
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	35212	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	145851	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	112831	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	285526	20.00	ng	0.00
76) Chrysene-d12	21.75	240	275376	20.00	ng	0.00
87) Perylene-d12	25.08	264	248529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	165863	84.94	ng	0.00
7) Phenol-d6	7.25	99	245609	81.44	ng	0.00
23) Nitrobenzene-d5	9.28	82	261947	79.73	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	126603	75.58	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	652849	83.33	ng	0.00
79) Terphenyl-d14	20.07	244	1093726	84.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	37530	16.171	ng	# 75
51) 2,6-Dinitrotoluene	14.73	165	14062	6.828	ng	# 18
57) 2,4-Dinitrotoluene	14.73	165	14062	4.834	ng	# 20
65) 4,6-Dinitro-2-methylphenol	16.22	198	166	8.679	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	8867	2.301	ng	# 1
77) Benzidine	20.07	184	17447	2.656	ng	# 90

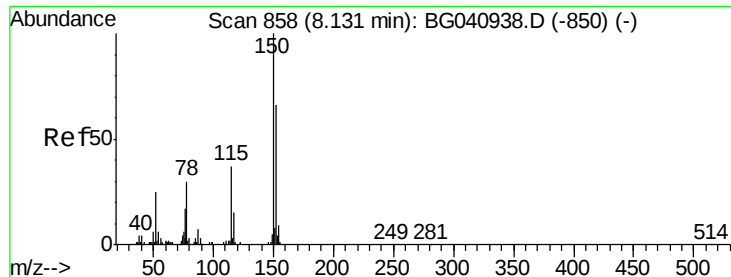
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
Data File : BG041212.D
Acq On : 12 Jun 2019 18:50
Operator : HP/JU
Sample : PB120532BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120532BL

Quant Time: Jun 13 05:37:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration



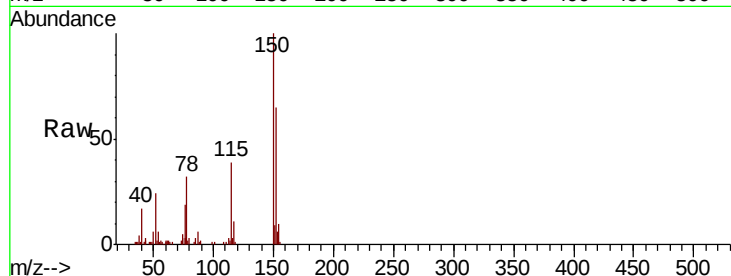


#1

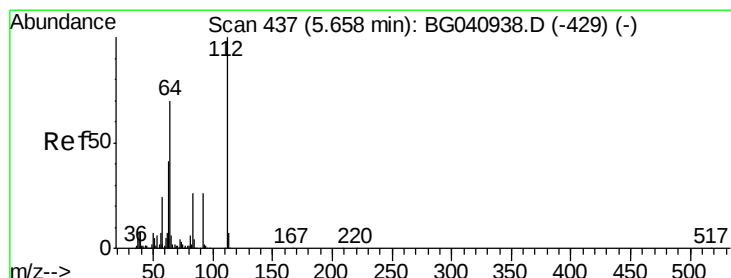
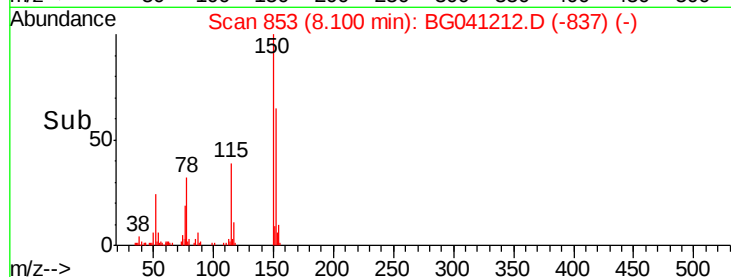
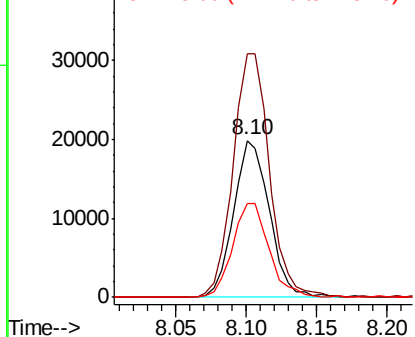
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB120532BL

Tgt Ion:152 Resp: 35212
Ion Ratio Lower Upper
152 100
150 154.9 120.6 180.8
115 59.7 45.1 67.7



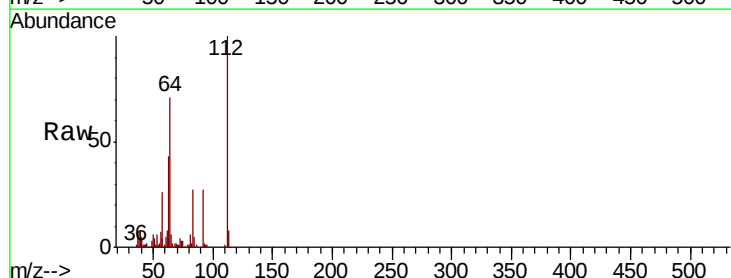
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



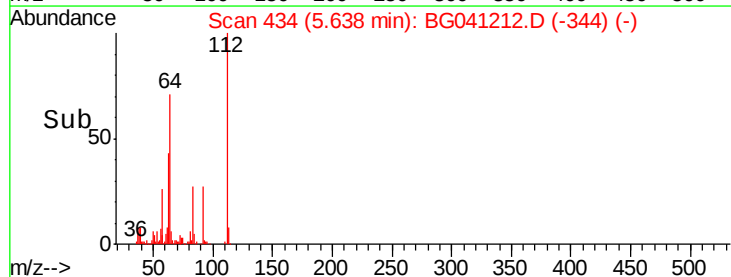
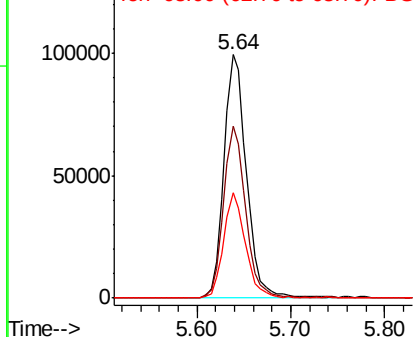
#5

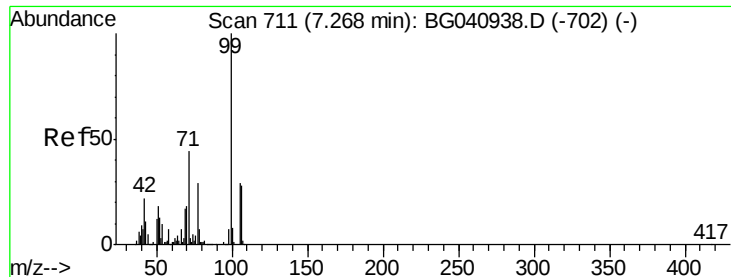
2-Fluorophenol
Concen: 84.939 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion:112 Resp: 165863
Ion Ratio Lower Upper
112 100
64 70.8 56.2 84.2
63 43.2 32.8 49.2



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: 81.441 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB120532BL

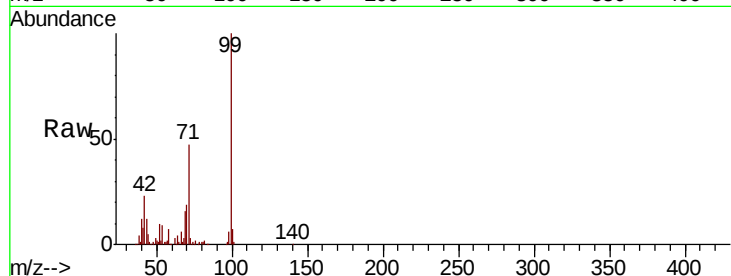
Tgt Ion: 99 Resp: 245609

Ion Ratio Lower Upper

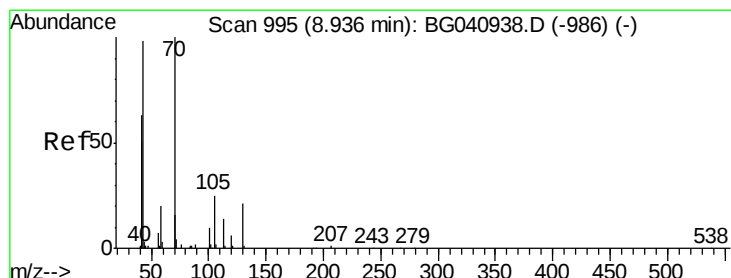
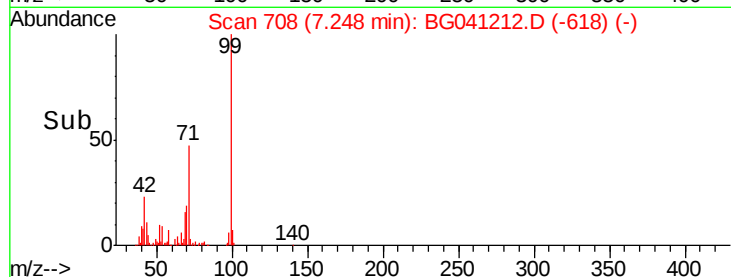
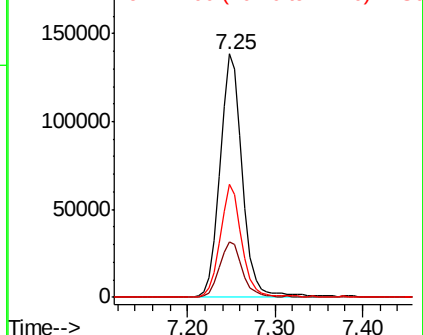
99 100

42 22.6 17.9 26.9

71 46.7 35.4 53.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.171 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.37 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

Tgt Ion: 70 Resp: 37530

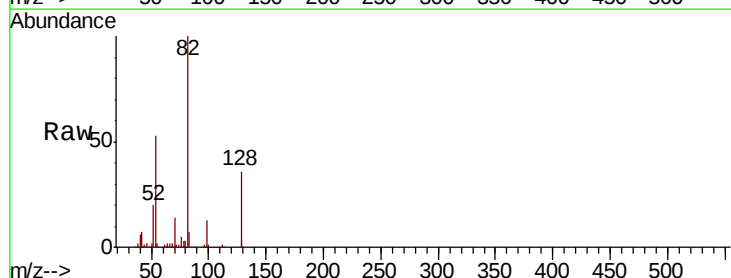
Ion Ratio Lower Upper

70 100

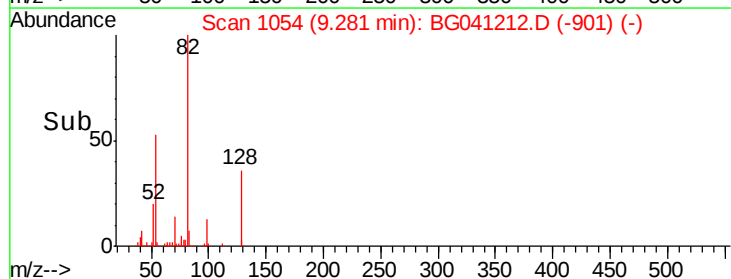
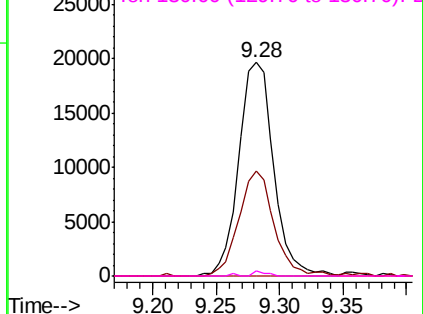
42 49.2 51.5 77.3#

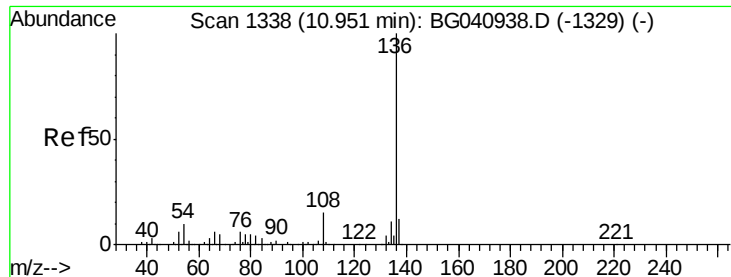
101 0.0 8.1 12.1#

130 2.3 16.6 24.8#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

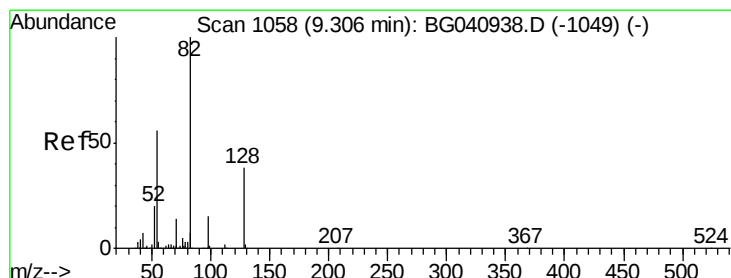
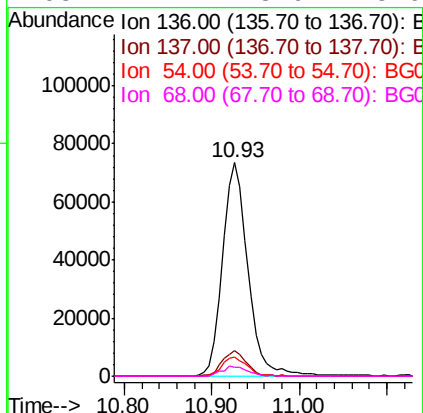
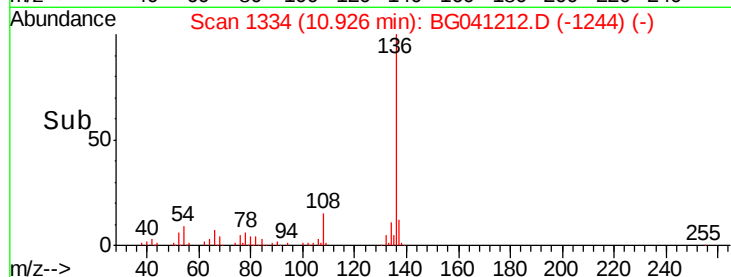
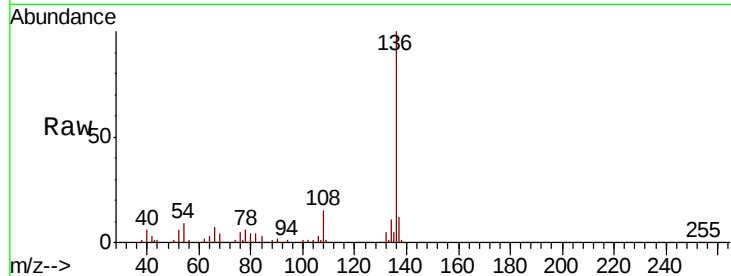




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

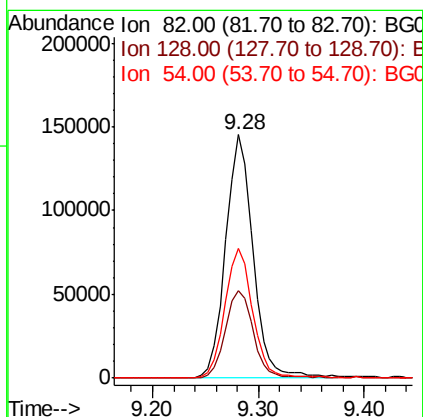
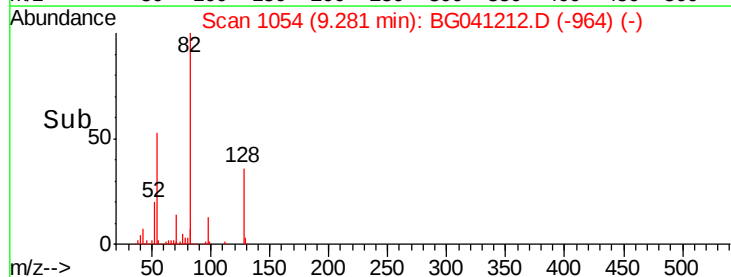
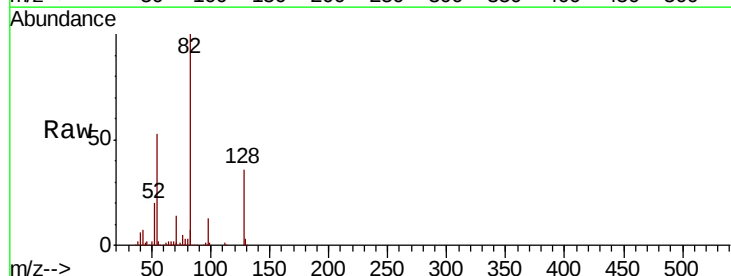
Instrument :
BNA_G
ClientSampleId :
PB120532BL

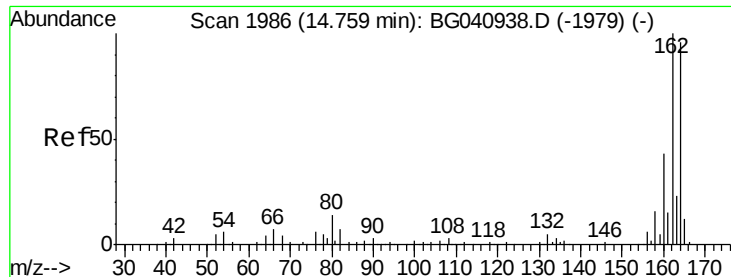
Tgt Ion:	136	Resp:	145851
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	9.2	7.6	11.4
68	4.2	3.9	5.9



#23
Nitrobenzene-d5
Concen: 79.731 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion:	82	Resp:	261947
Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.5	45.7
54	53.5	44.6	66.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB120532BL

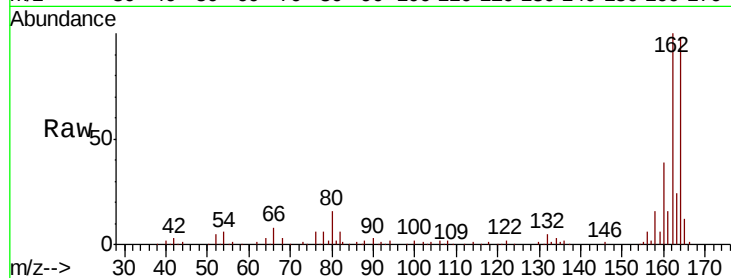
Tgt Ion:164 Resp: 112831

Ion Ratio Lower Upper

164 100

162 102.0 83.0 124.4

160 39.8 35.6 53.4

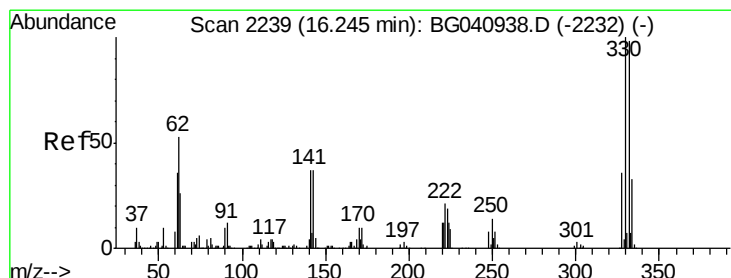
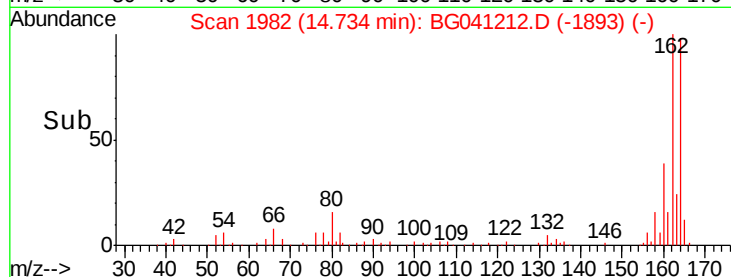
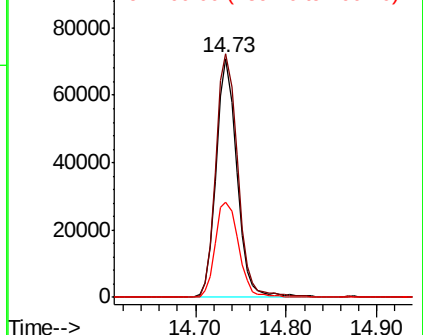


Abundance

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: 75.581 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

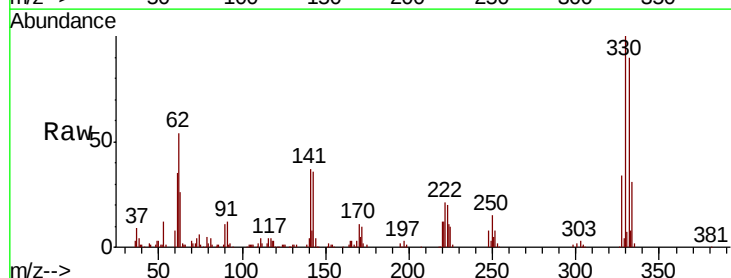
Tgt Ion:330 Resp: 126603

Ion Ratio Lower Upper

330 100

332 97.5 78.5 117.7

141 35.7 28.7 43.1

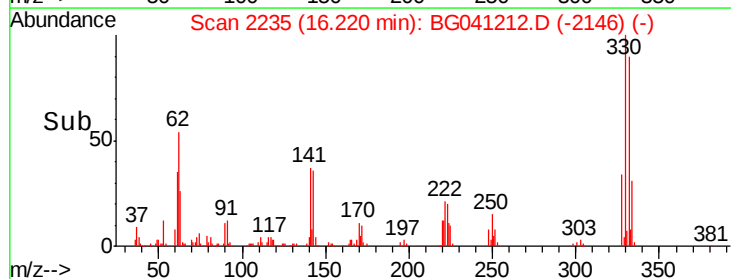
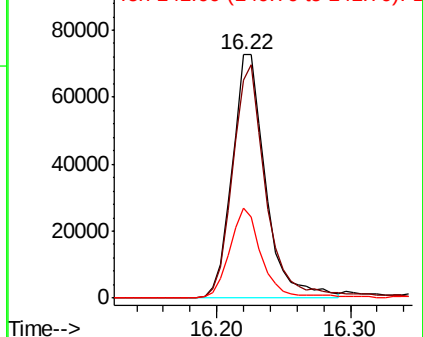


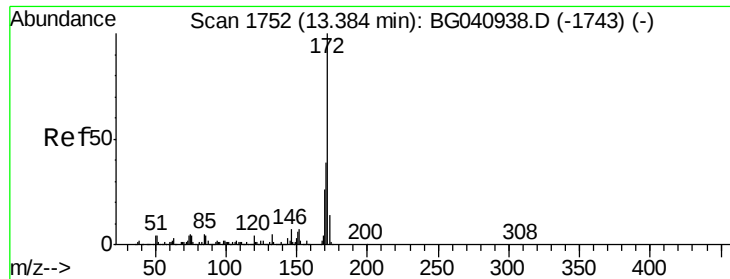
Abundance

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

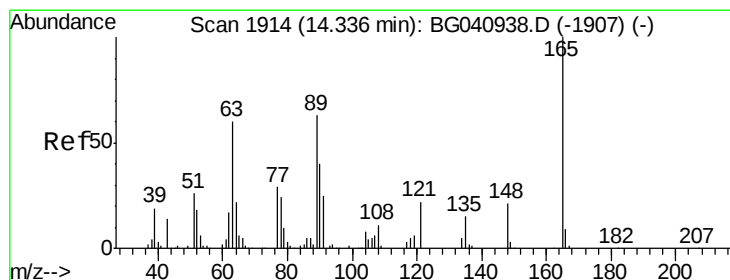
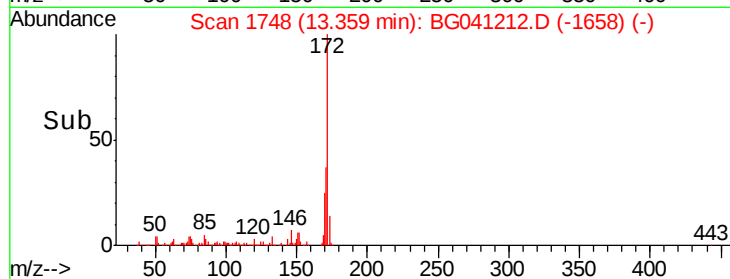
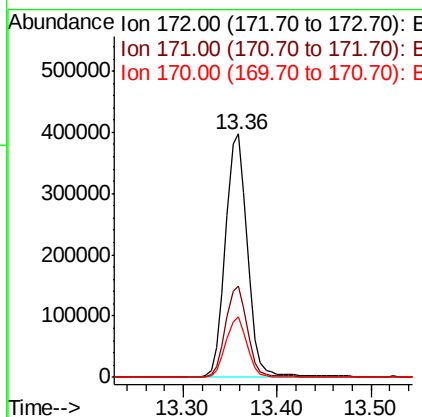
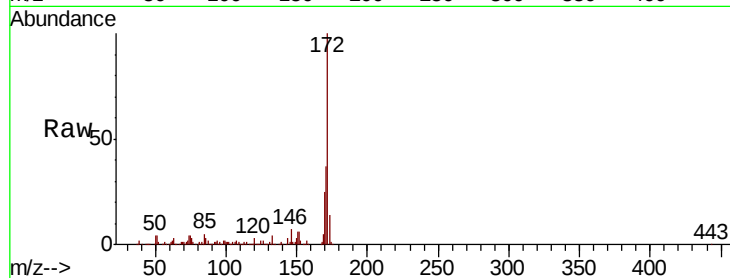




#45
2-Fluorobiphenyl
Concen: 83.326 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

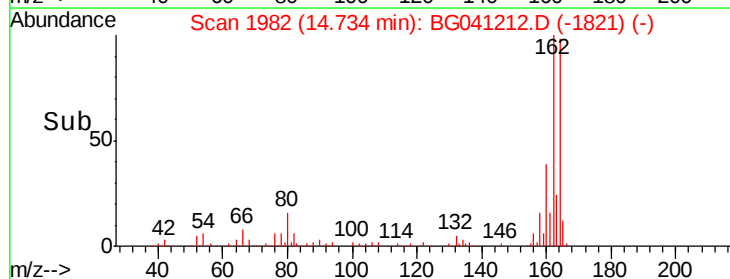
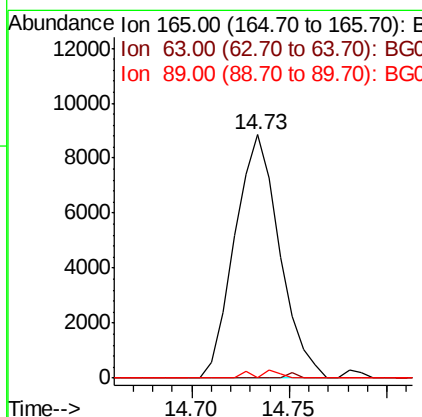
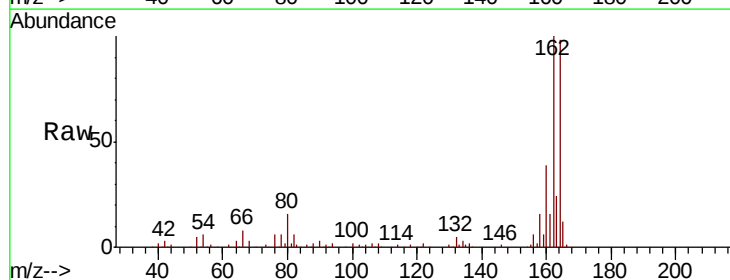
Instrument :
BNA_G
ClientSampleId :
PB120532BL

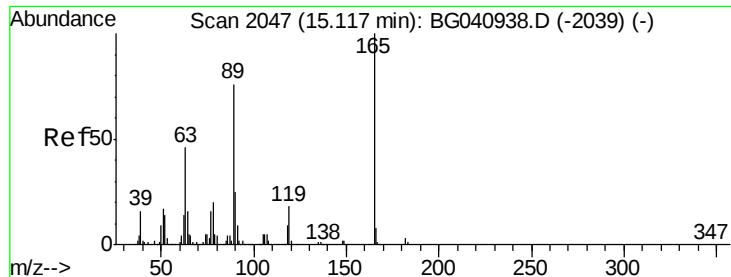
Tgt Ion:172 Resp: 652849
Ion Ratio Lower Upper
172 100
171 37.5 31.1 46.7
170 25.1 20.5 30.7



#51
2,6-Dinitrotoluene
Concen: 6.828 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.42 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion:165 Resp: 14062
Ion Ratio Lower Upper
165 100
63 0.0 53.6 80.4#
89 0.0 50.4 75.6#





#57

2,4-Dinitrotoluene

Concen: 4.834 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.36 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB120532BL

Tgt Ion:165 Resp: 14062

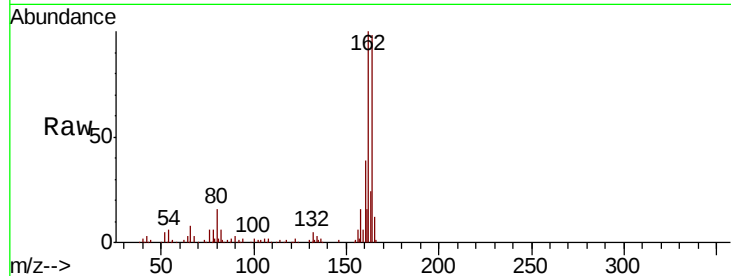
Ion Ratio Lower Upper

165 100

63 0.0 37.3 55.9#

89 0.0 61.0 91.6#

182 0.0 2.2 3.2#

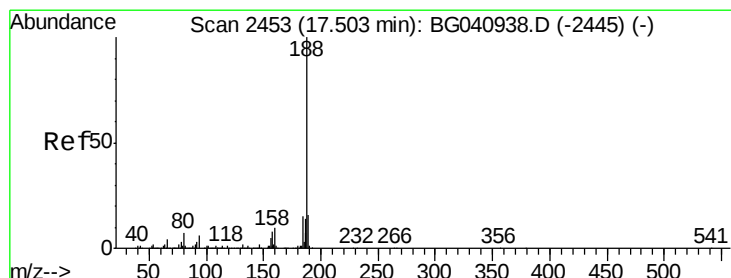
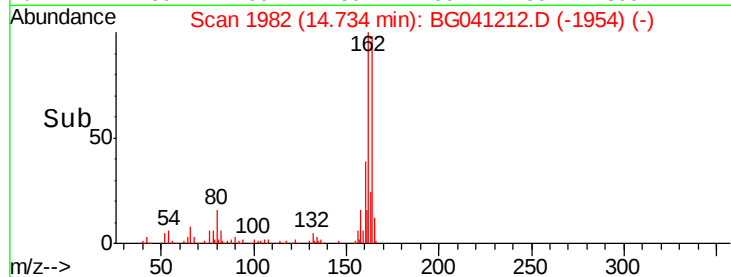
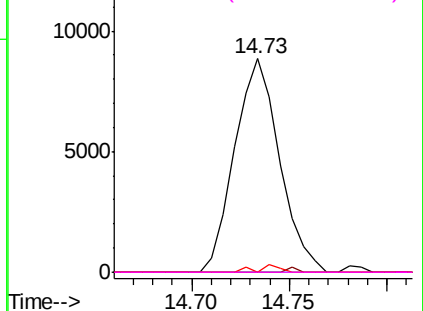


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

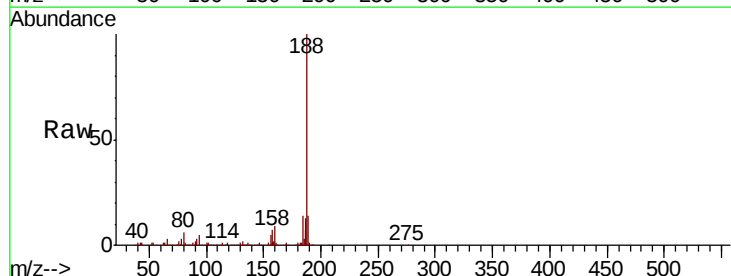
Tgt Ion:188 Resp: 285526

Ion Ratio Lower Upper

188 100

94 5.4 4.7 7.1

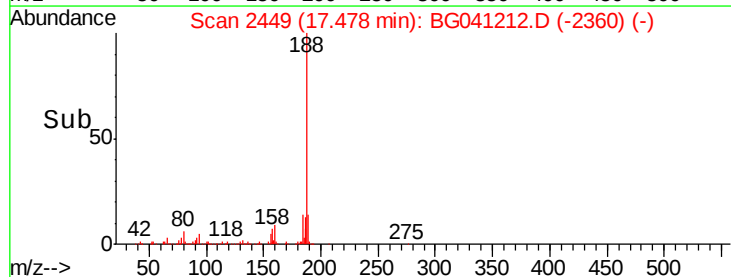
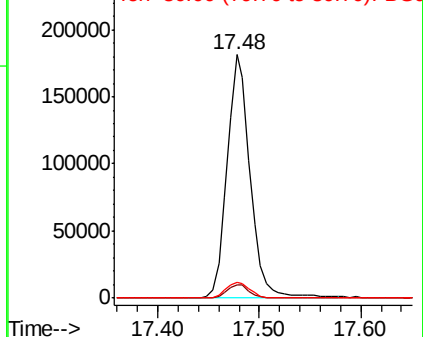
80 6.3 5.8 8.8

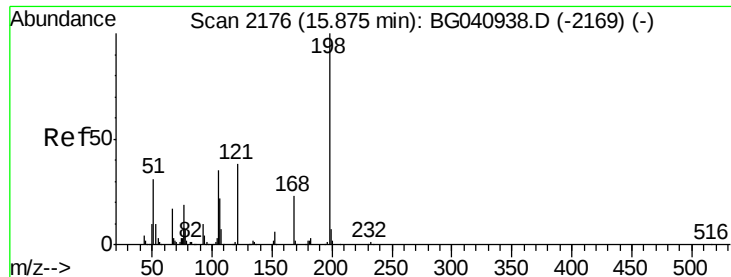


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 8.679 ng

RT: 16.22 min Scan# 2235

Delta R.T. 0.36 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB120532BL

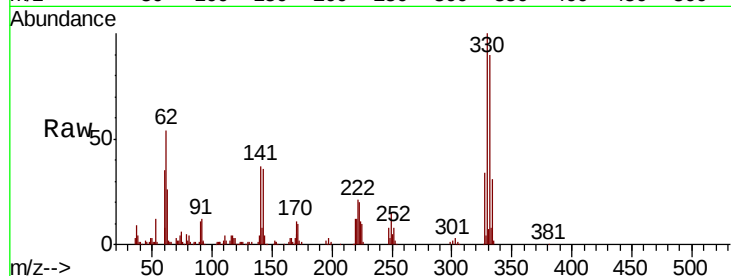
Tgt Ion:198 Resp: 166

Ion Ratio Lower Upper

198 100

51 145.3 21.6 61.6#

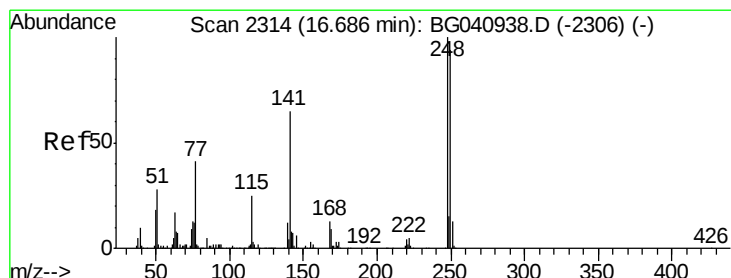
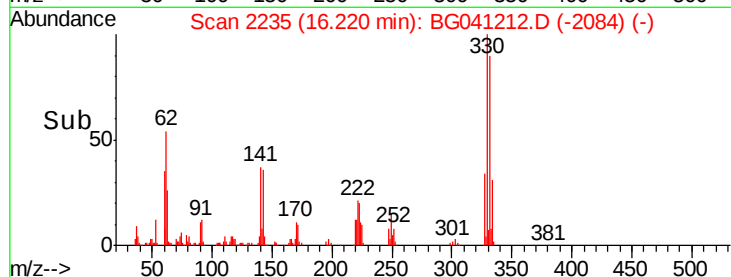
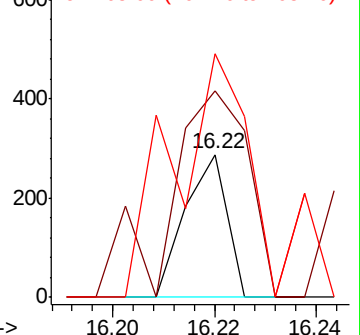
105 171.1 17.5 57.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 2.301 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.44 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

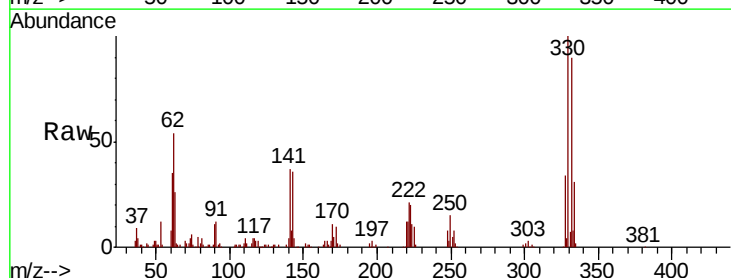
Tgt Ion:248 Resp: 8867

Ion Ratio Lower Upper

248 100

250 194.6 75.0 112.4#

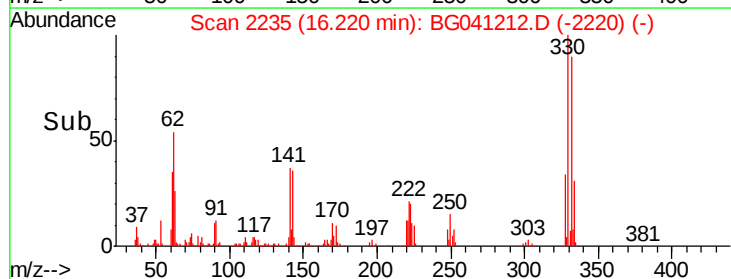
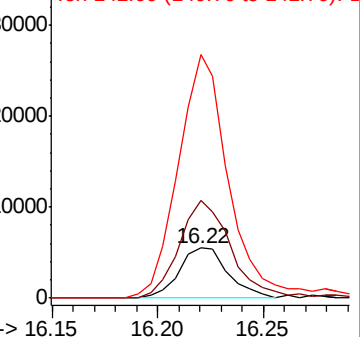
141 487.0 52.4 78.6#

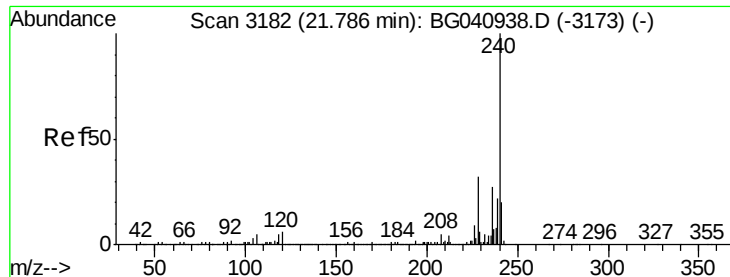


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

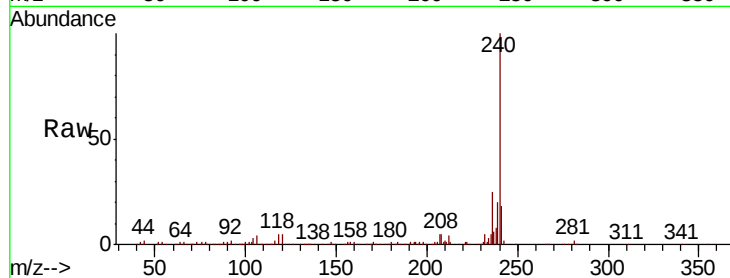




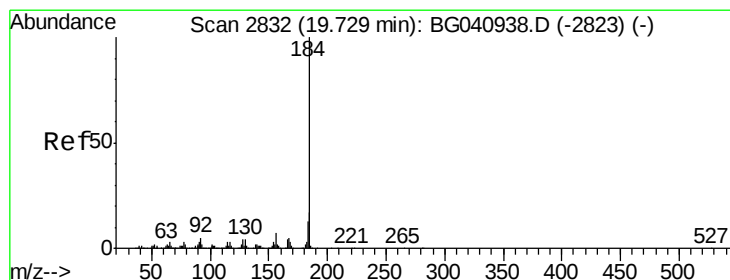
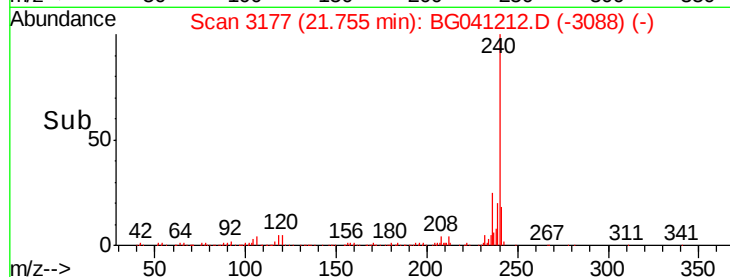
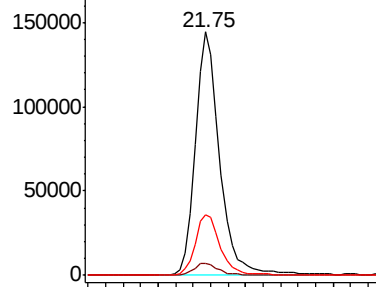
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.00 min
 Lab File: BG041212.D
 Acq: 12 Jun 2019 18:50

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BL

Tgt Ion:240 Resp: 275376
 Ion Ratio Lower Upper
 240 100
 120 4.9 4.5 6.7
 236 24.8 21.3 31.9

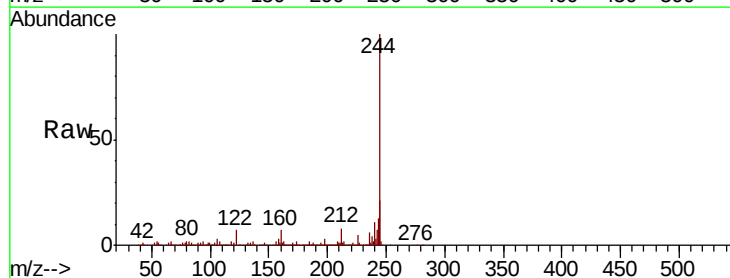


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

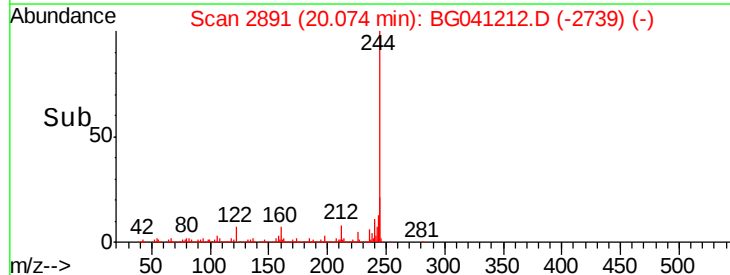
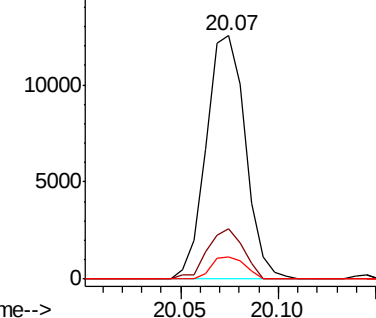


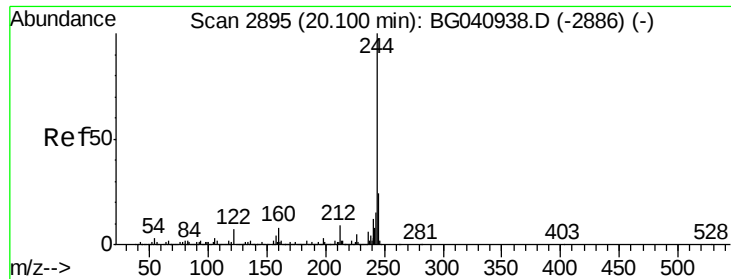
#77
 Benzidine
 Concen: 2.656 ng
 RT: 20.07 min Scan# 2891
 Delta R.T. 0.37 min
 Lab File: BG041212.D
 Acq: 12 Jun 2019 18:50

Tgt Ion:184 Resp: 17447
 Ion Ratio Lower Upper
 184 100
 185 20.4 13.3 19.9#
 183 8.9 10.7 16.1#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 84.294 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB120532BL

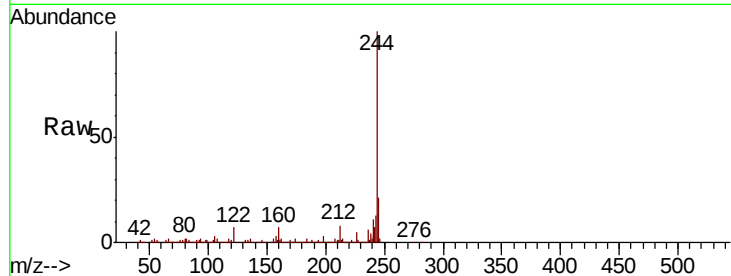
Tgt Ion:244 Resp: 1093726

Ion Ratio Lower Upper

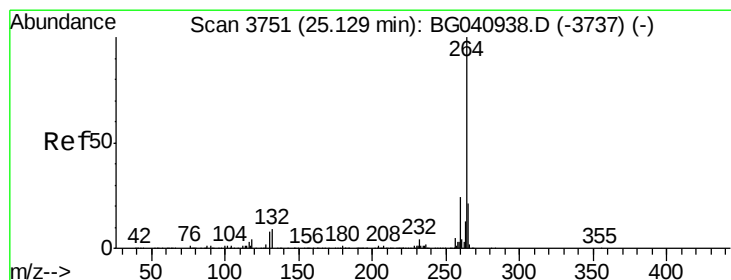
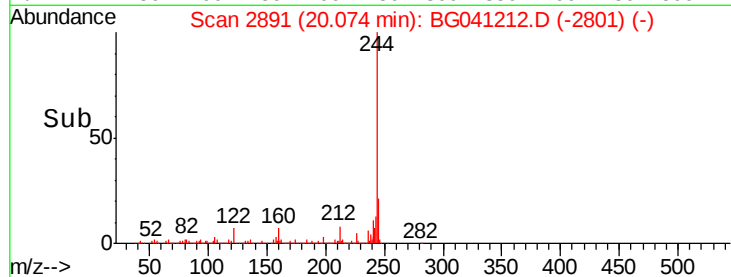
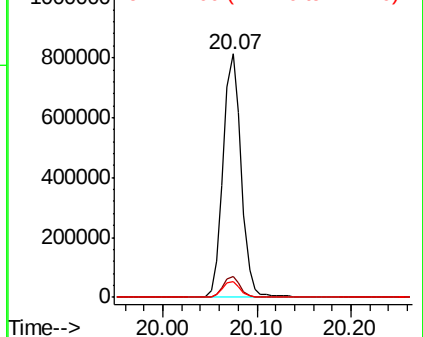
244 100

212 8.4 7.0 10.4

122 6.6 5.4 8.0



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: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

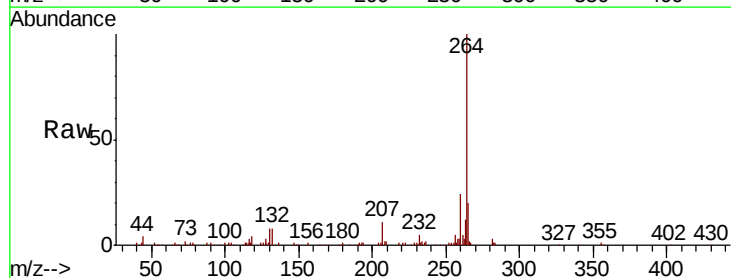
Tgt Ion:264 Resp: 248529

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 20.3 17.0 25.4



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

