

Data File : BG041059.D
Acq On : 4 Jun 2019 15:03
Operator : HP/JU
Sample : PB120267BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120267BL

Quant Time: Jun 05 05:21:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

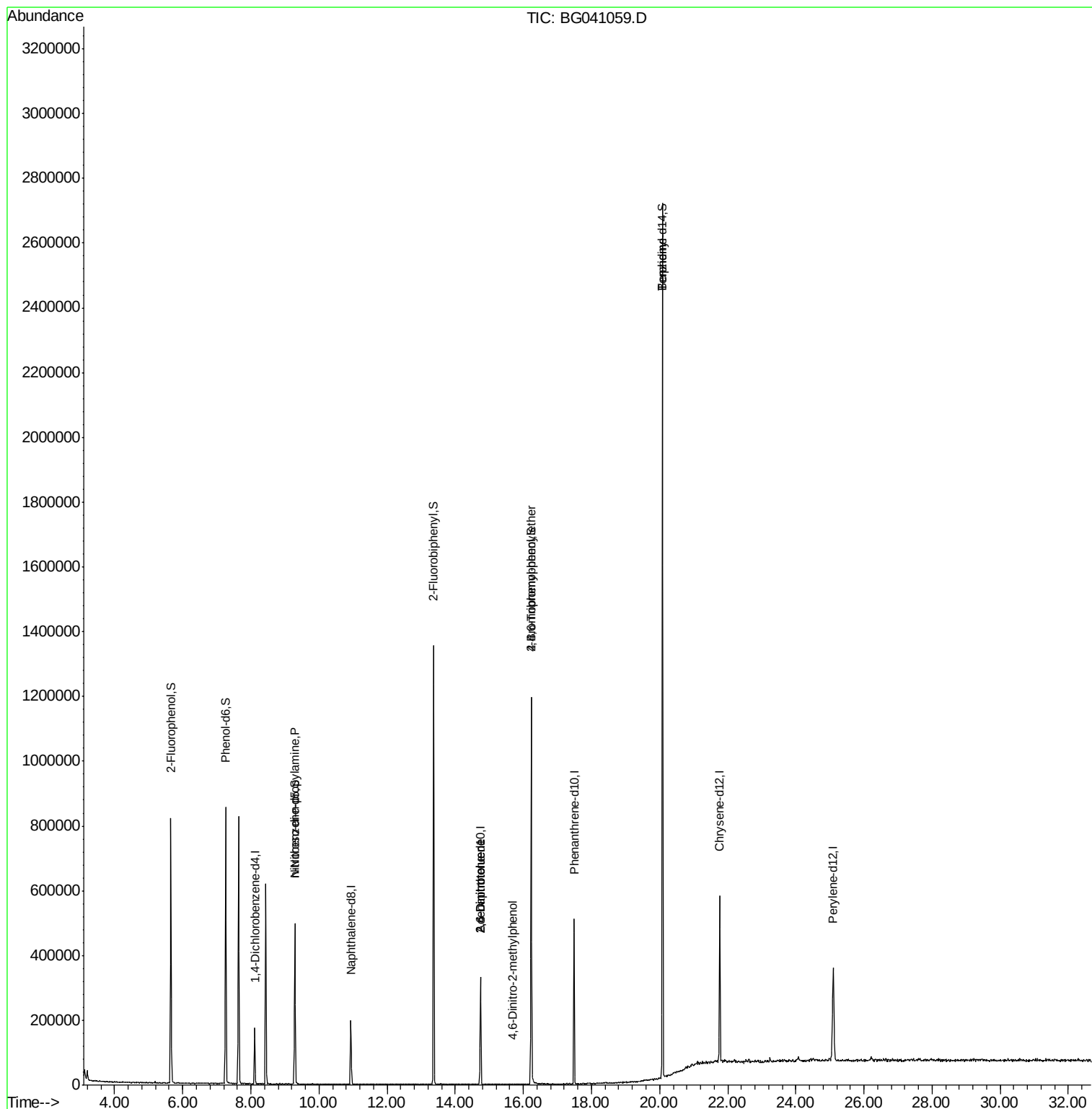
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44573	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	166811	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	115481	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	314482	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	312973	20.00	ng	-0.02
87) Perylene-d12	25.10	264	339938	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	318250	128.75	ng	0.00
7) Phenol-d6	7.26	99	443641	116.21	ng	0.00
23) Nitrobenzene-d5	9.29	82	304665	81.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	240926	140.53	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	688661	85.88	ng	-0.02
79) Terphenyl-d14	20.09	244	1282712	86.98	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	43255	14.724	ng	# 77
51) 2,6-Dinitrotoluene	14.74	165	14685	6.967	ng	# 22
57) 2,4-Dinitrotoluene	14.74	165	14685	4.932	ng	# 25
65) 4,6-Dinitro-2-methylphenol	15.69	198	55	8.616	ng	# 36
67) 4-Bromophenyl-phenylether	16.23	248	17245	4.063	ng	# 1
77) Benzidine	20.08	184	21568	2.889	ng	# 93

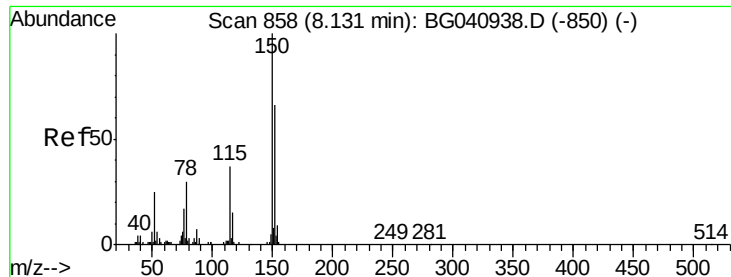
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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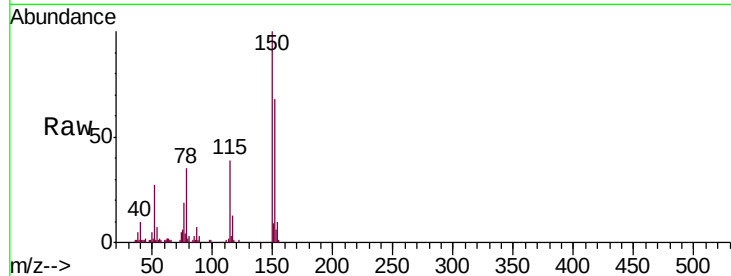


#1

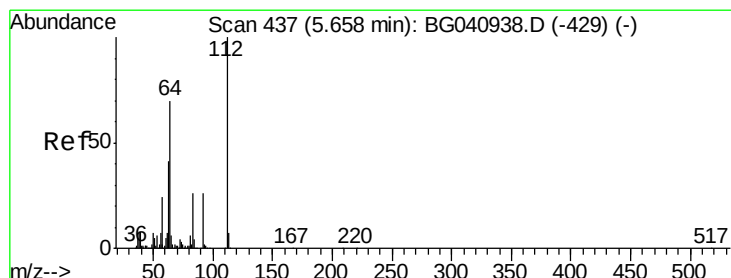
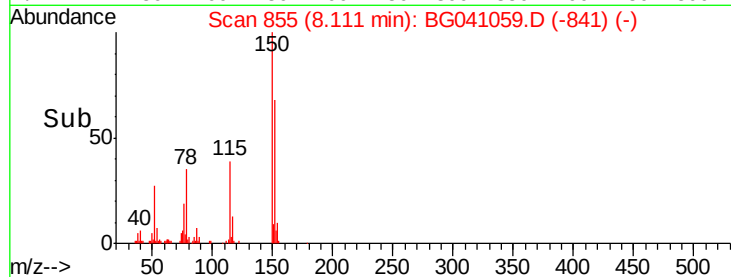
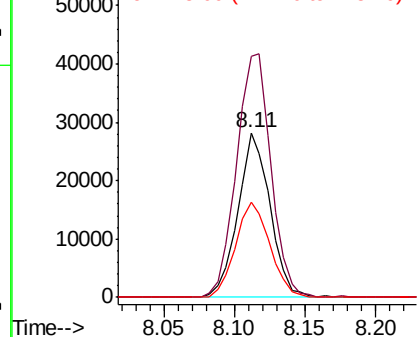
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041059.D
Acq: 4 Jun 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB120267BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.7	120.6	180.8
115	57.5	45.1	67.7



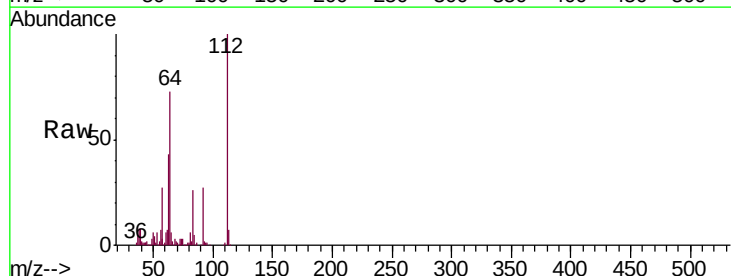
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



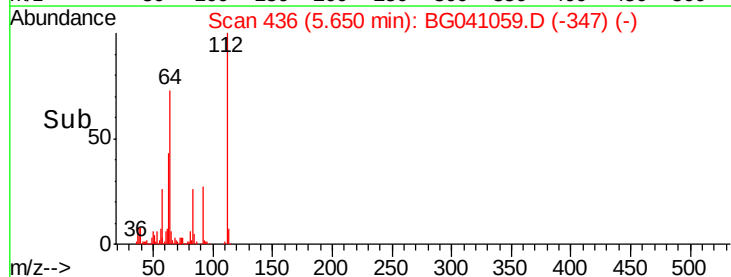
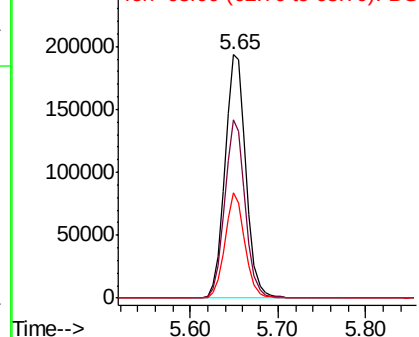
#5

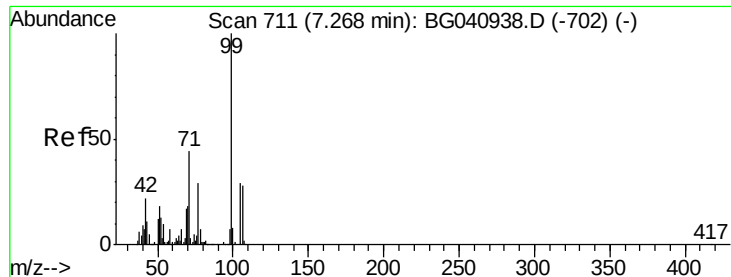
2-Fluorophenol
Concen: 128.749 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041059.D
Acq: 4 Jun 2019 15:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	56.2	84.2
63	43.5	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: 116.211 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB120267BL

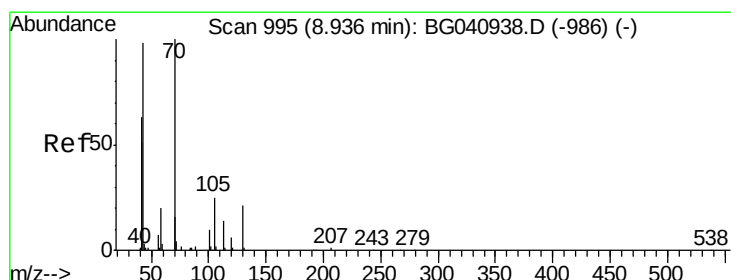
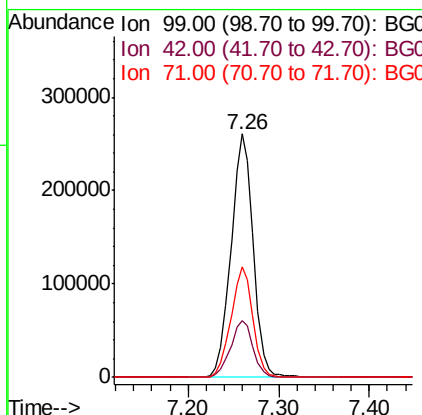
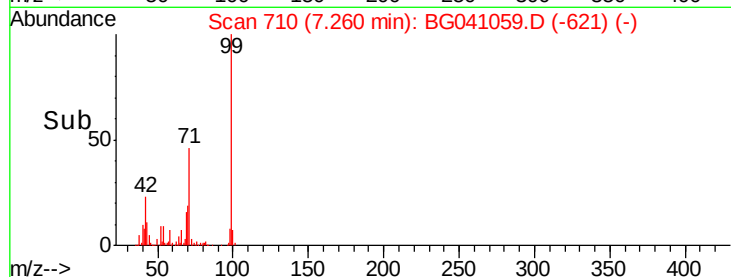
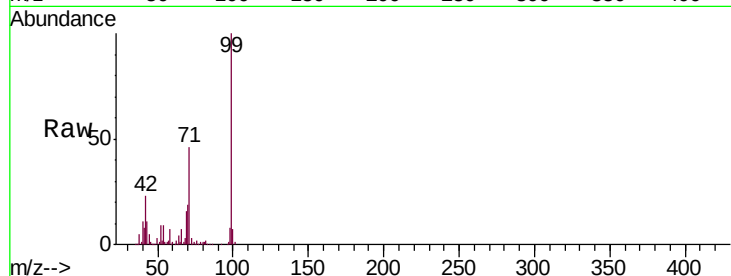
Tgt Ion: 99 Resp: 443641

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

71 45.5 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.724 ng

RT: 9.29 min Scan# 1056

Delta R.T. 0.36 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

Tgt Ion: 70 Resp: 43255

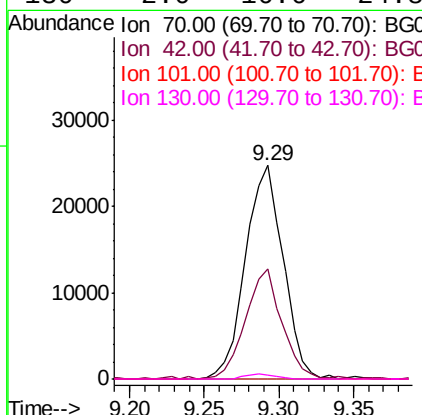
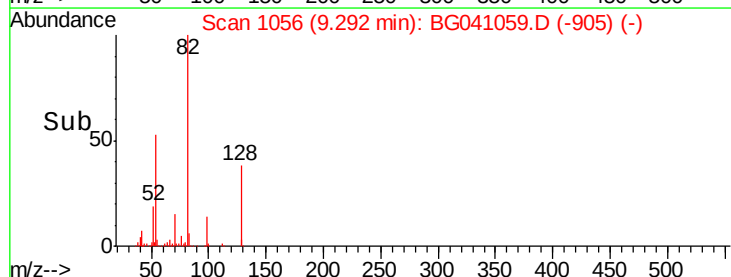
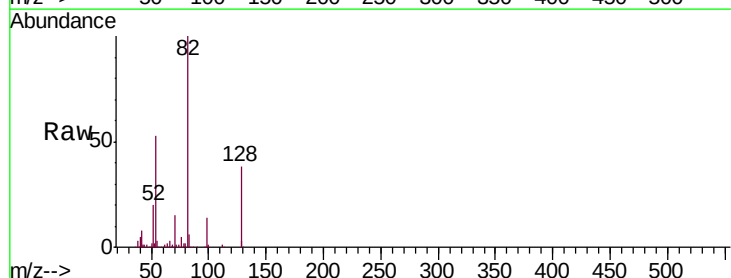
Ion Ratio Lower Upper

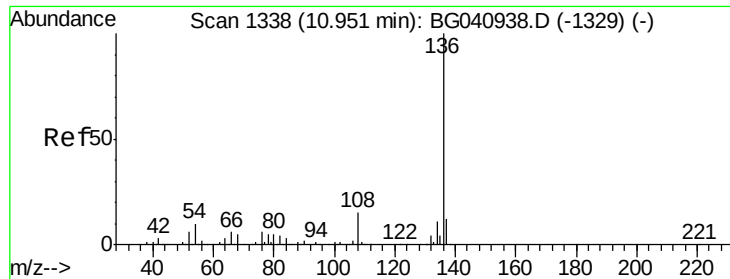
70 100

42 51.3 51.5 77.3#

101 0.0 8.1 12.1#

130 2.0 16.6 24.8#

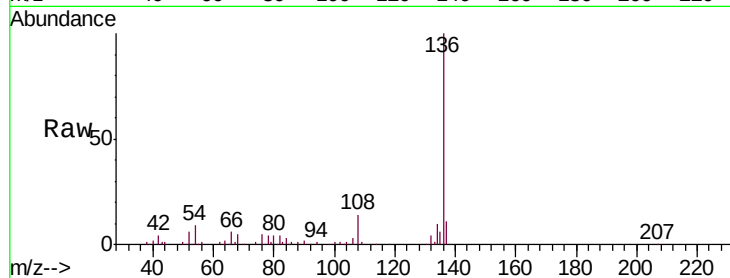




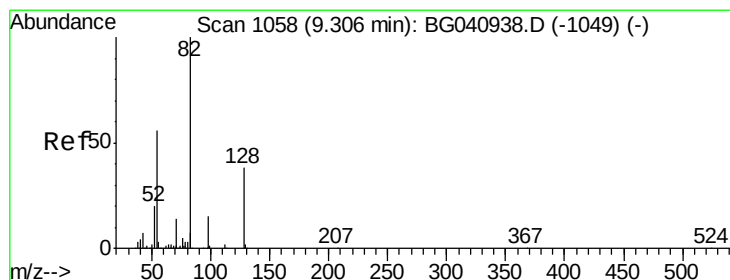
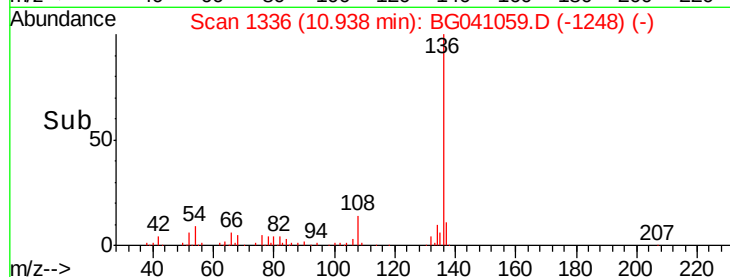
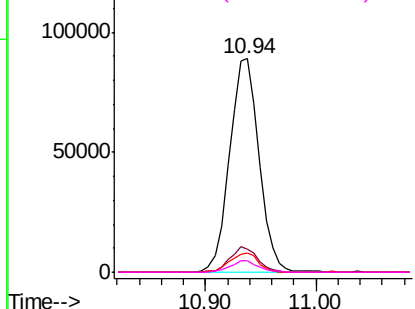
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041059.D
Acq: 4 Jun 2019 15:03

Instrument :
BNA_G
ClientSampleId :
PB120267BL

Tgt Ion:	136	Resp:	166811
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.5	14.3
54	8.7	7.6	11.4
68	5.3	3.9	5.9

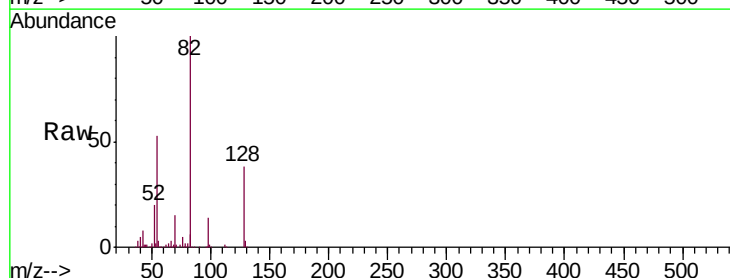


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

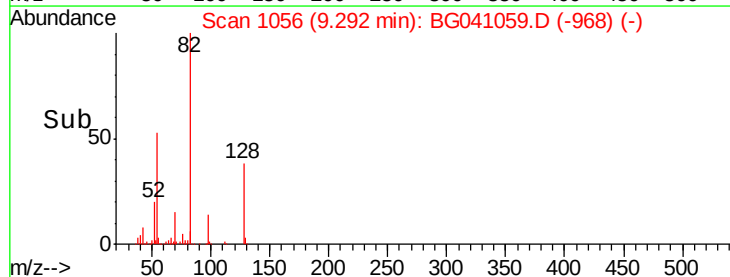
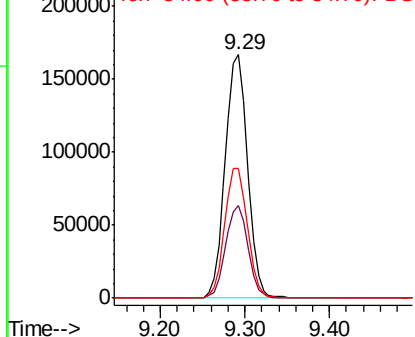


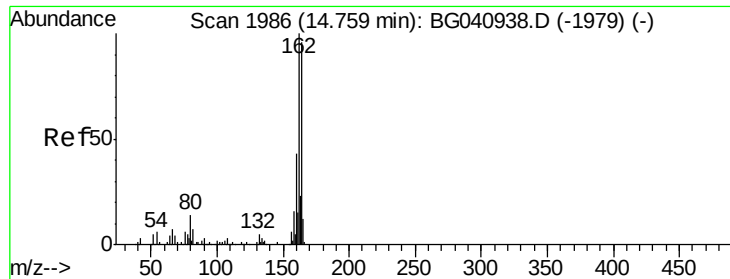
#23
Nitrobenzene-d5
Concen: 81.081 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041059.D
Acq: 4 Jun 2019 15:03

Tgt Ion:	82	Resp:	304665
Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.5	45.7
54	53.1	44.6	66.8



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# 1984

Delta R.T. -0.01 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB120267BL

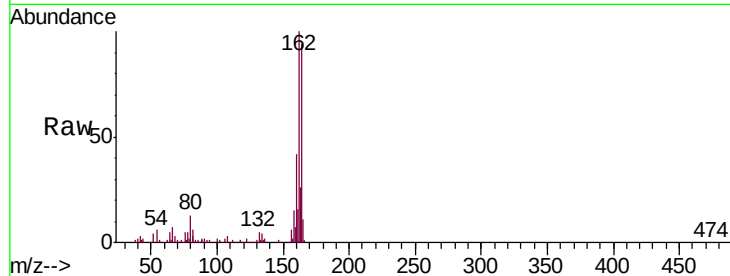
Tgt Ion:164 Resp: 115481

Ion Ratio Lower Upper

164 100

162 105.9 83.0 124.4

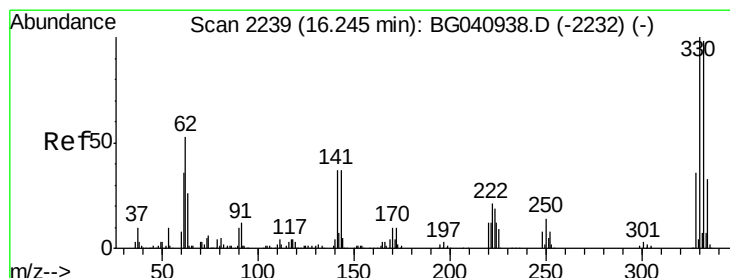
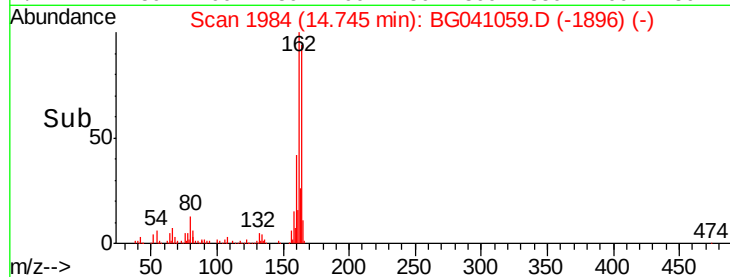
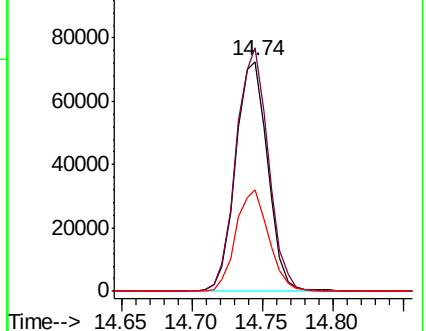
160 44.1 35.6 53.4



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: 140.531 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

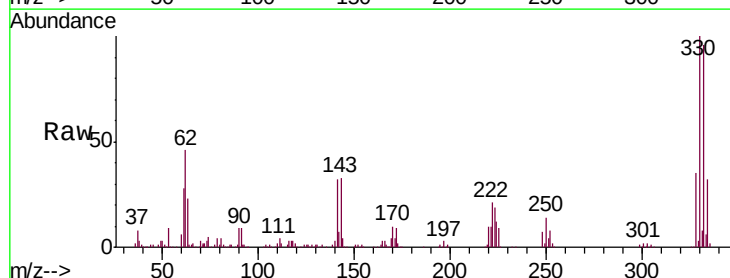
Tgt Ion:330 Resp: 240926

Ion Ratio Lower Upper

330 100

332 96.0 78.5 117.7

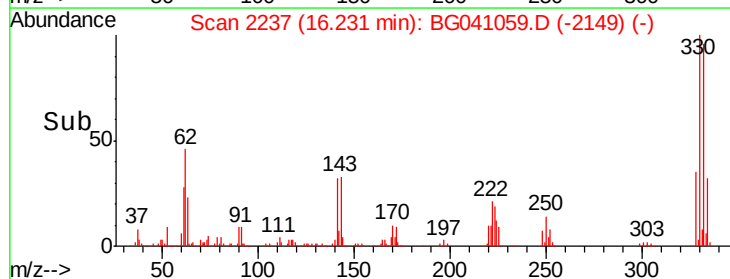
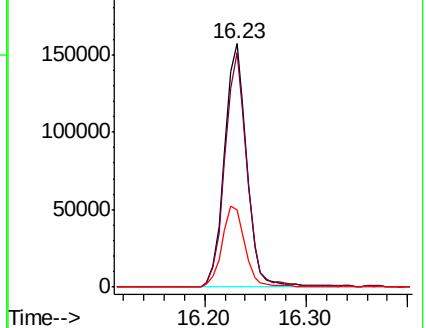
141 34.3 28.7 43.1

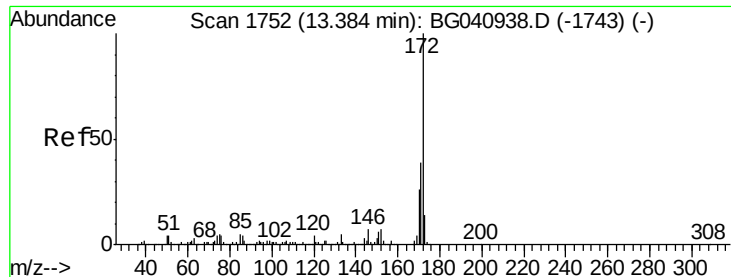


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

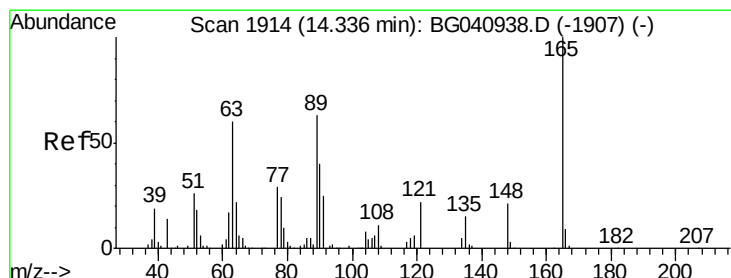
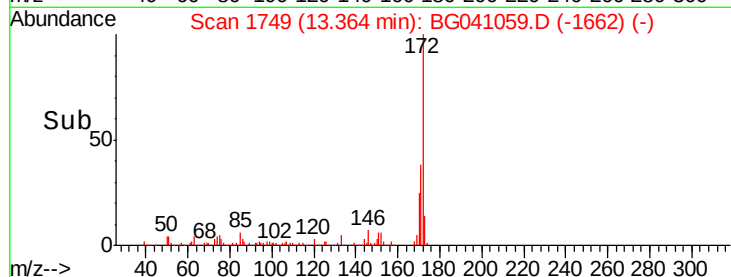
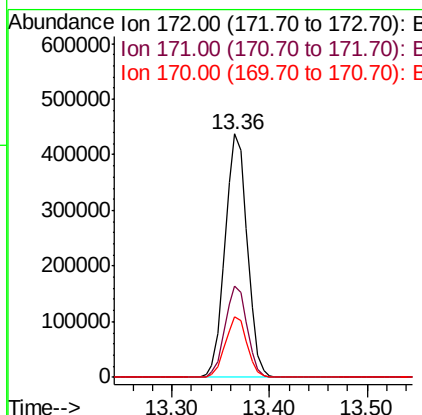
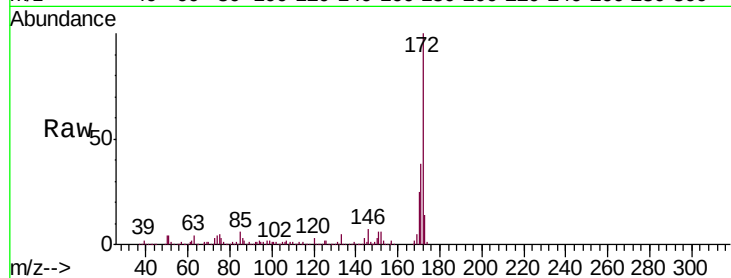




#45
 2-Fluorobiphenyl
 Concen: 85.880 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG041059.D
 Acq: 4 Jun 2019 15:03

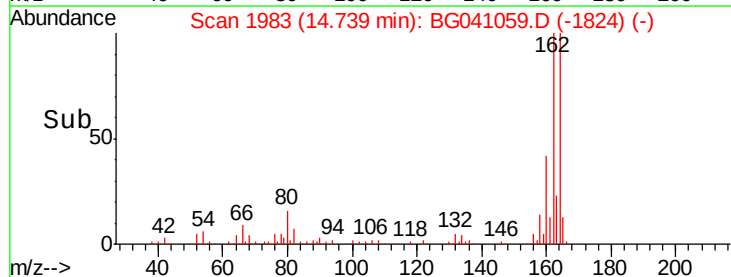
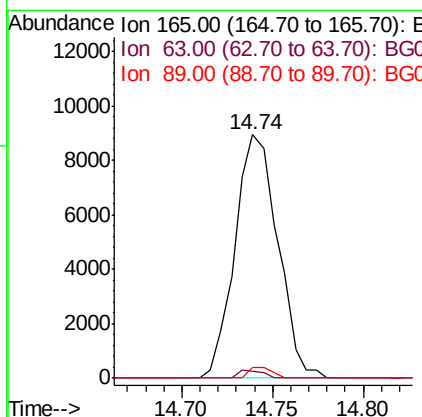
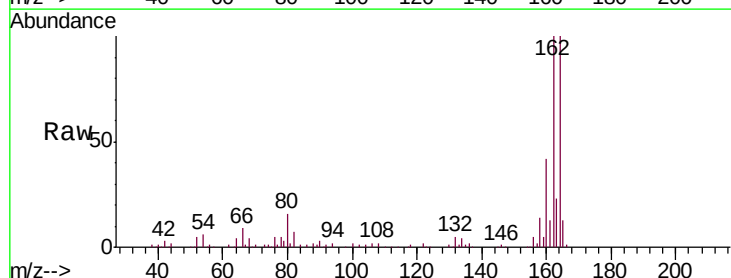
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 BNA_G
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 PB120267BL

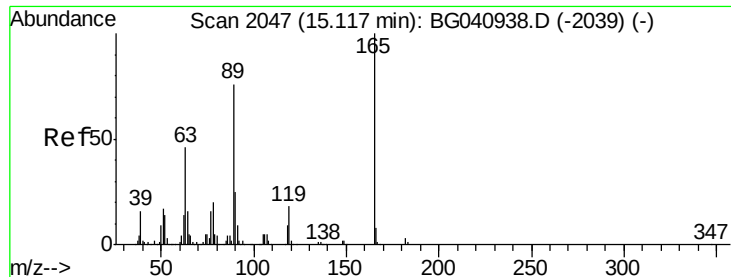
Tgt Ion:172 Resp: 688661
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.1 46.7
 170 24.8 20.5 30.7



#51
 2,6-Dinitrotoluene
 Concen: 6.967 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.40 min
 Lab File: BG041059.D
 Acq: 4 Jun 2019 15:03

Tgt Ion:165 Resp: 14685
 Ion Ratio Lower Upper
 165 100
 63 3.0 53.6 80.4#
 89 4.3 50.4 75.6#

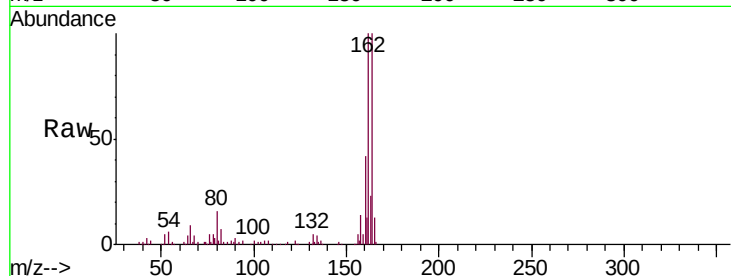




#57
 2,4-Dinitrotoluene
 Concen: 4.932 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.38 min
 Lab File: BG041059.D
 Acq: 4 Jun 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.0	37.3	55.9#
89	4.3	61.0	91.6#
182	0.0	2.2	3.2#

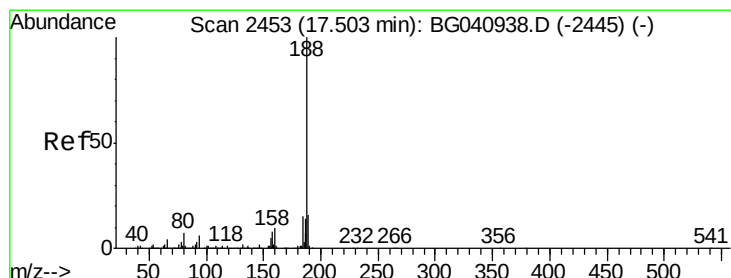
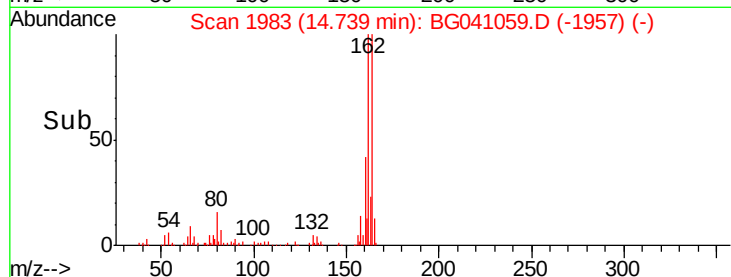
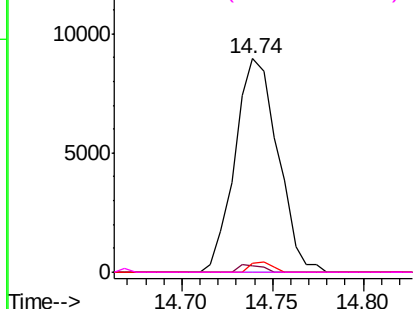


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

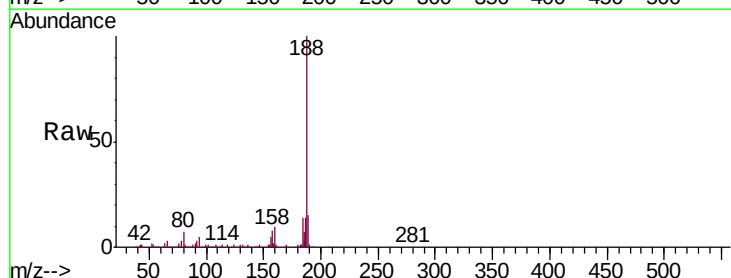
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.01 min
 Lab File: BG041059.D
 Acq: 4 Jun 2019 15:03

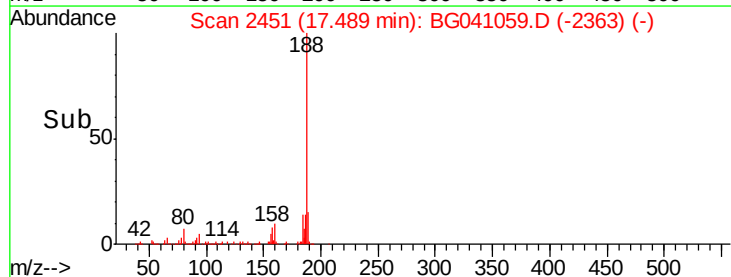
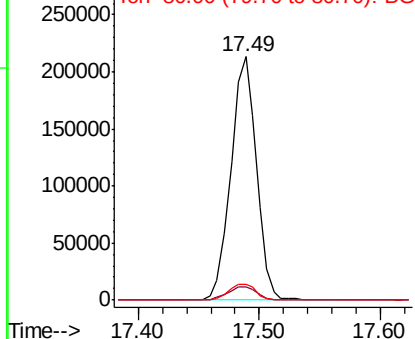
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.7	7.1
80	6.7	5.8	8.8

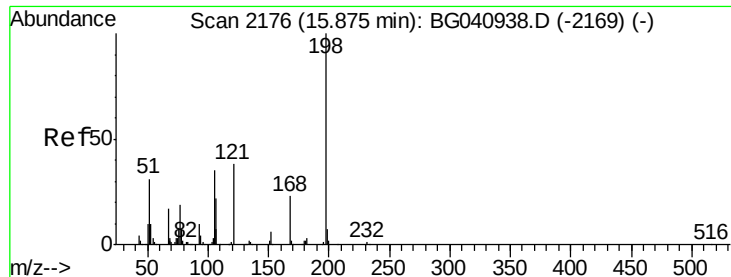


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

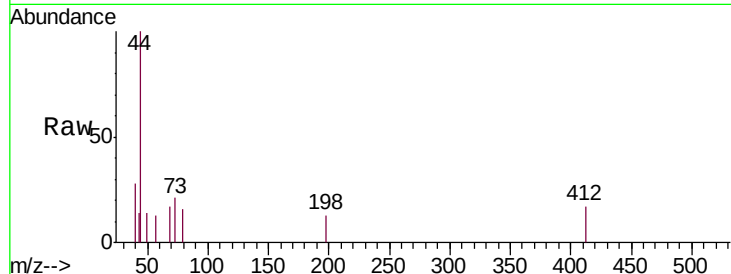




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.616 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.18 min
 Lab File: BG041059.D
 Acq: 4 Jun 2019 15:03

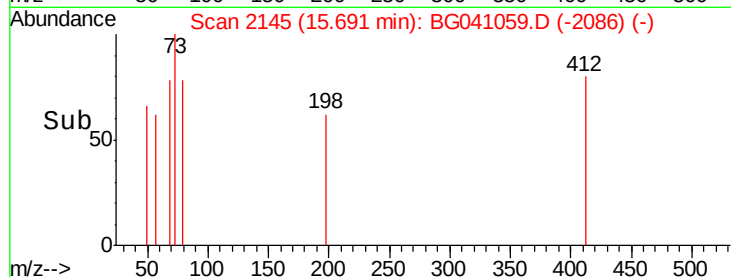
Instrument :
 BNA_G
 ClientSampleId :
 PB120267BL

Tgt Ion:198 Resp: 55
 Ion Ratio Lower Upper
 198 100
 51 0.0 21.6 61.6#
 105 0.0 17.5 57.5#

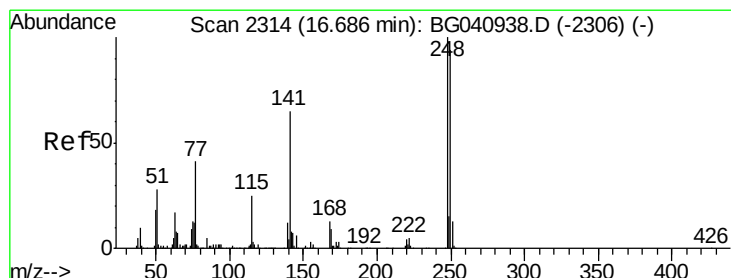


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

15.69

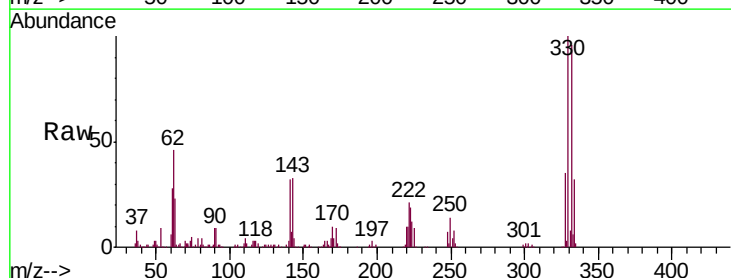


Time-->

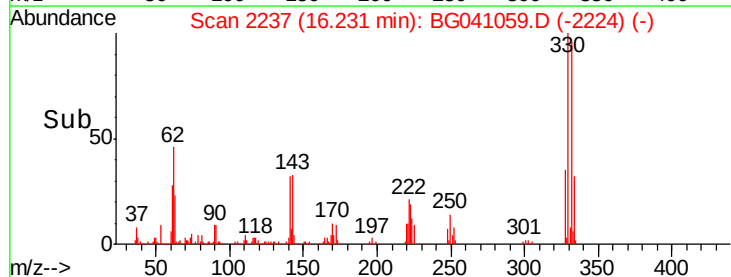


#67
 4-Bromophenyl-phenylether
 Concen: 4.063 ng
 RT: 16.23 min Scan# 2237
 Delta R.T. -0.45 min
 Lab File: BG041059.D
 Acq: 4 Jun 2019 15:03

Tgt Ion:248 Resp: 17245
 Ion Ratio Lower Upper
 248 100
 250 191.0 75.0 112.4#
 141 440.3 52.4 78.6#

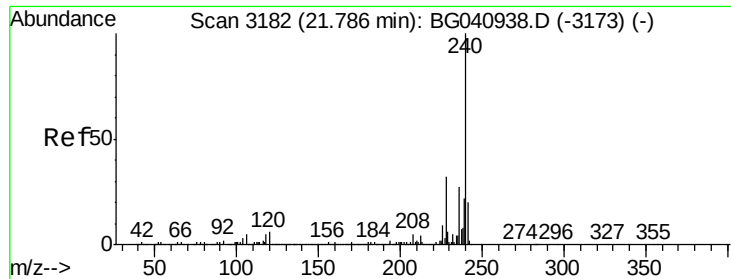


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->

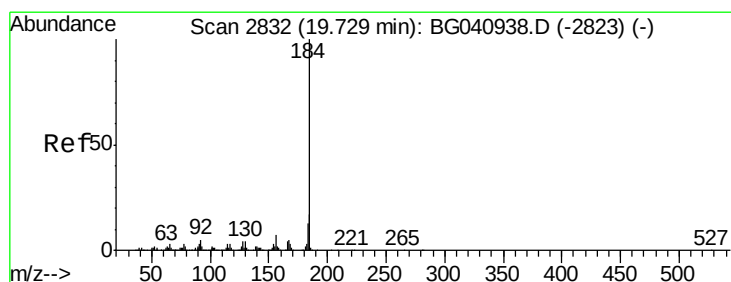
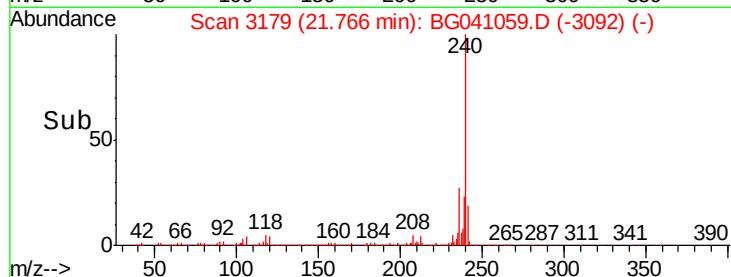
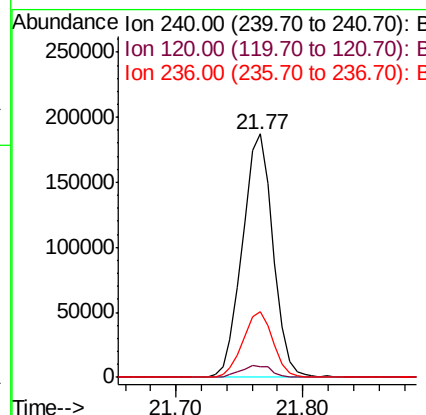
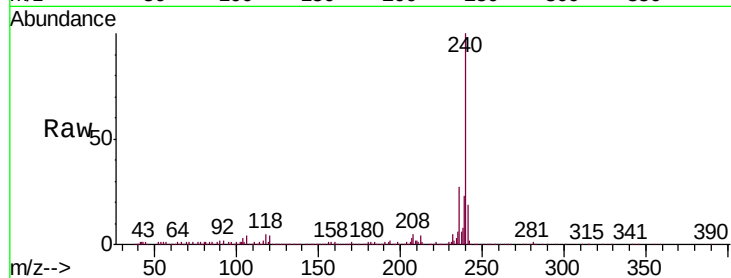
16.23



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.02 min
Lab File: BG041059.D
Acq: 4 Jun 2019 15:03

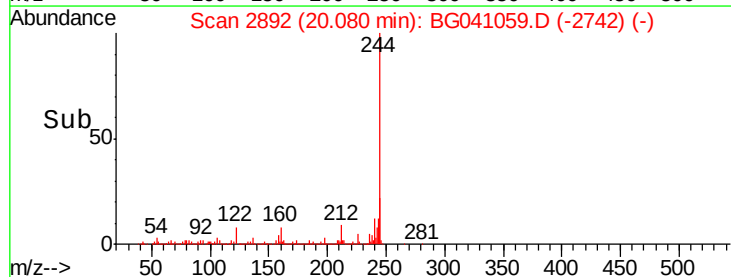
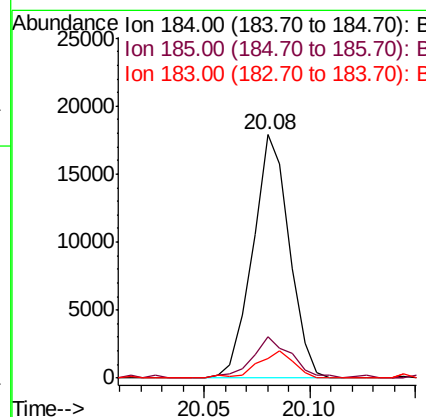
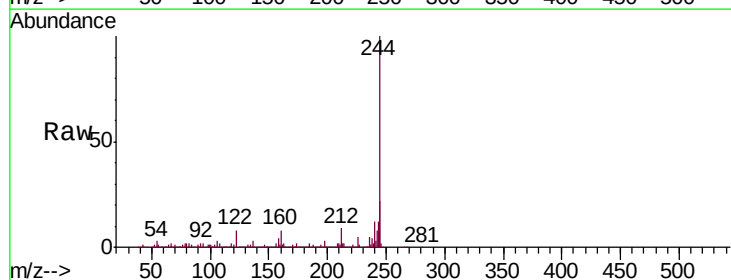
Instrument :
BNA_G
ClientSampleId :
PB120267BL

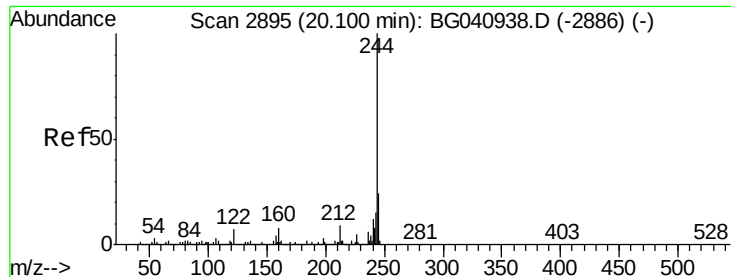
Tgt Ion: 240 Resp: 312973
Ion Ratio Lower Upper
240 100
120 4.3 4.5 6.7#
236 27.0 21.3 31.9



#77
Benzidine
Concen: 2.889 ng
RT: 20.08 min Scan# 2892
Delta R.T. 0.35 min
Lab File: BG041059.D
Acq: 4 Jun 2019 15:03

Tgt Ion: 184 Resp: 21568
Ion Ratio Lower Upper
184 100
185 17.1 13.3 19.9
183 7.8 10.7 16.1#





#79

Terphenyl-d14

Concen: 86.984 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

Instrument :

BNA_G

ClientSampleId :

PB120267BL

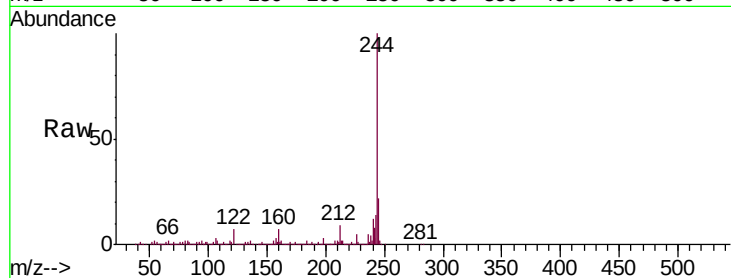
Tgt Ion:244 Resp: 1282712

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

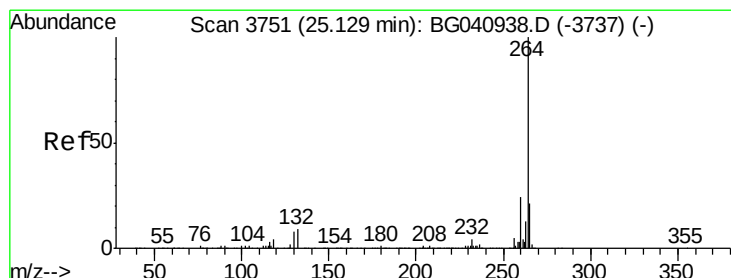
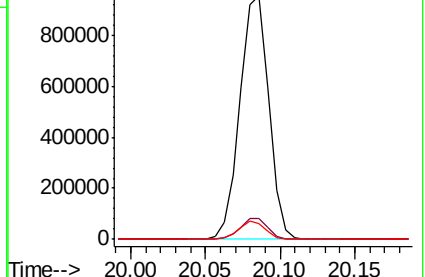
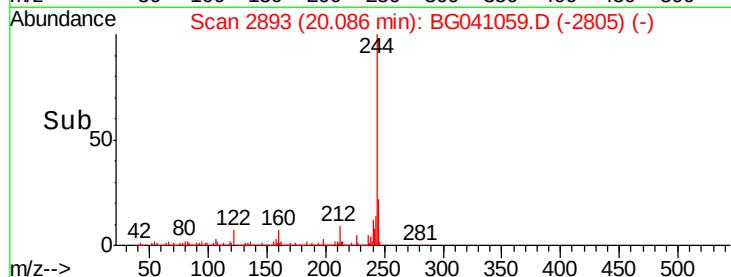
122 6.7 5.4 8.0



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: 25.10 min Scan# 3746

Delta R.T. -0.03 min

Lab File: BG041059.D

Acq: 4 Jun 2019 15:03

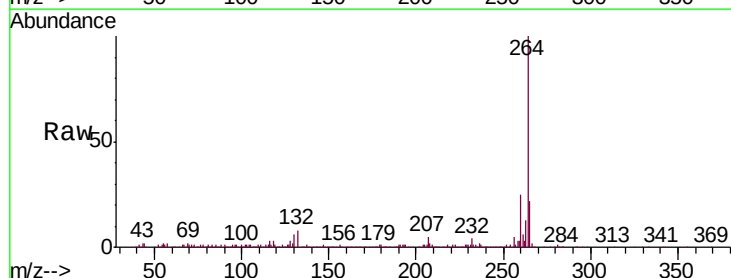
Tgt Ion:264 Resp: 339938

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.4

265 22.0 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

