

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021219\
 Data File : BG039476.D
 Acq On : 12 Feb 2019 23:12
 Operator : JU/SJ
 Sample : PB117058TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117058TB

Quant Time: Feb 13 00:37:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

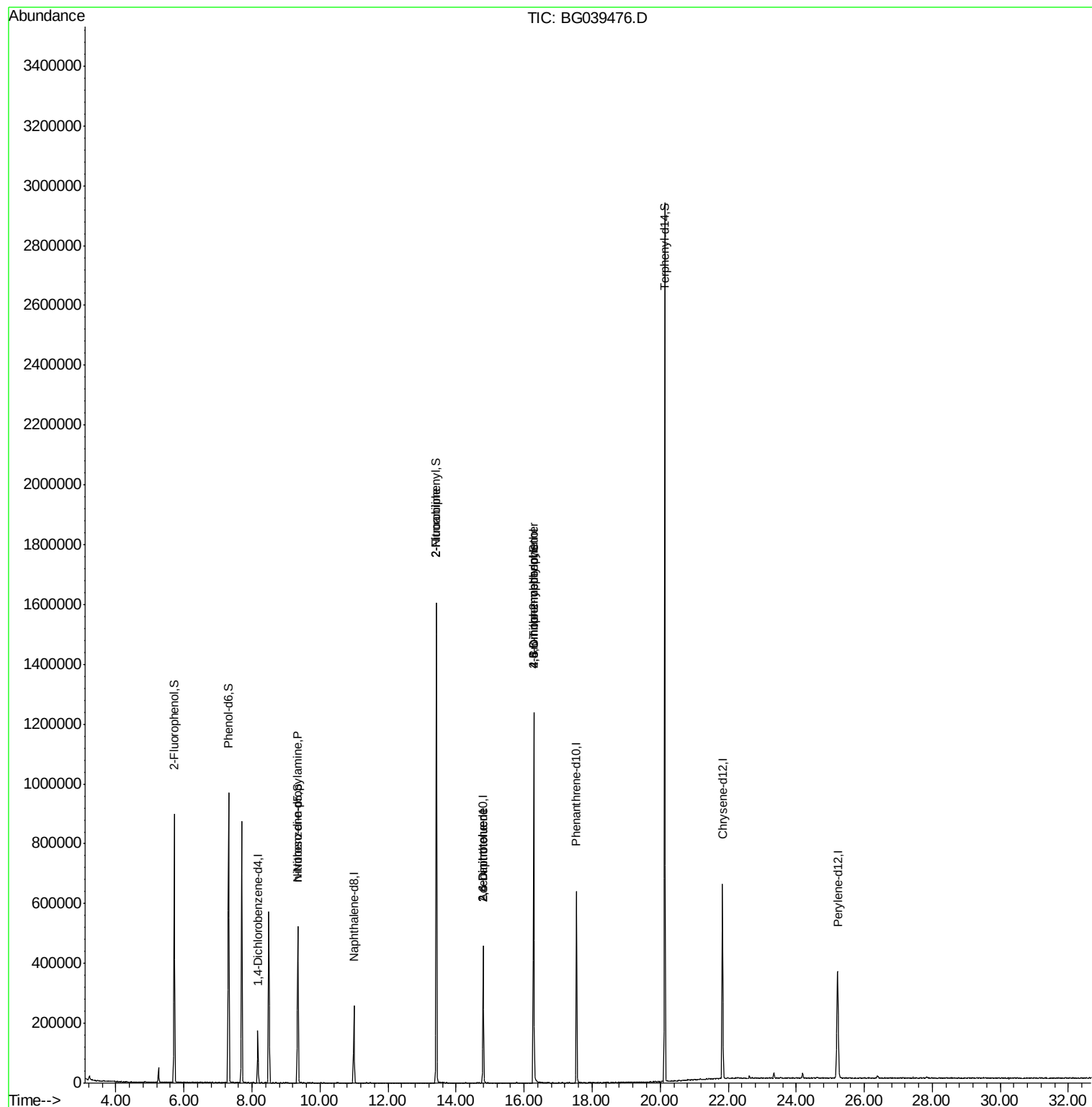
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	47823	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	215947	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	159233	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	390954	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	401865	20.00	ng	-0.02
87) Perylene-d12	25.22	264	404262	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	375197	134.28	ng	0.00
7) Phenol-d6	7.31	99	553500	134.57	ng	0.00
23) Nitrobenzene-d5	9.35	82	308851	89.35	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	231435	134.97	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	842840	75.93	ng	-0.01
79) Terphenyl-d14	20.14	244	1372614	72.30	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.31	77	949	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.35	70	41353	14.166 ng	#	4
48) 2-Nitroaniline	13.42	65	1359	8.689 ng	#	1
51) 2,6-Dinitrotoluene	14.80	165	19917	13.713 ng	#	24
57) 2,4-Dinitrotoluene	14.80	165	19917	13.240 ng	#	19
65) 4,6-Dinitro-2-methylphenol	16.28	198	729	4.773 ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	17721	4.086 ng	#	1

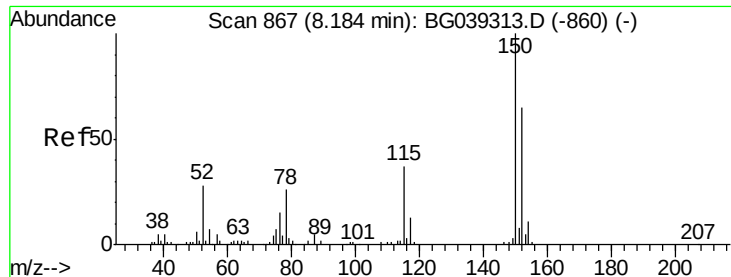
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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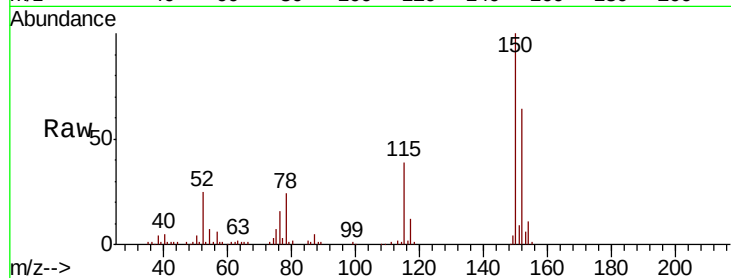


#1

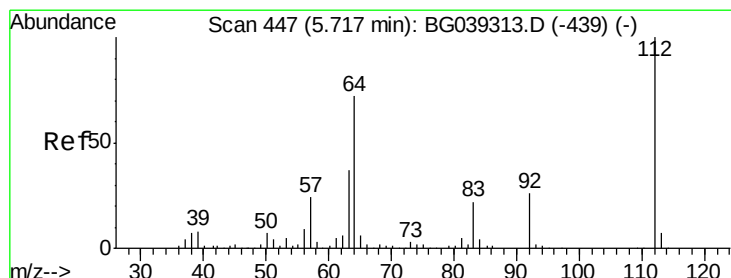
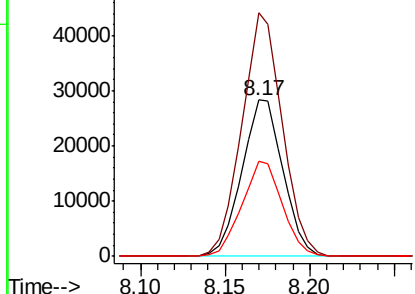
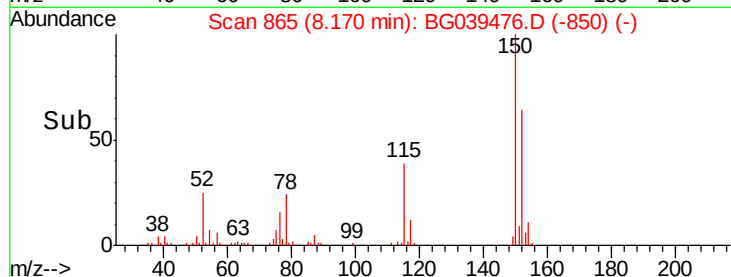
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039476.D
Acq: 12 Feb 2019 23:12

Instrument :
BNA_G
ClientSampleId :
PB117058TB

Tgt Ion:152 Resp: 47823
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 61.2 45.9 68.9



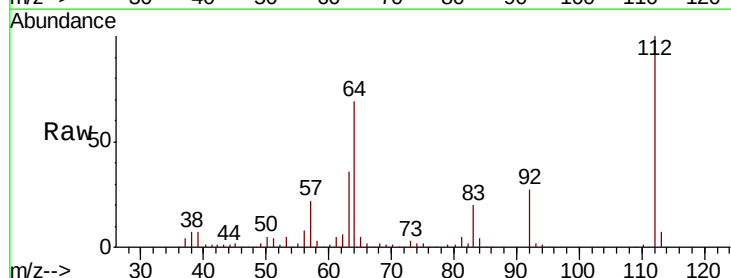
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



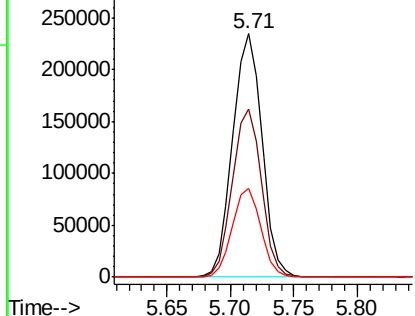
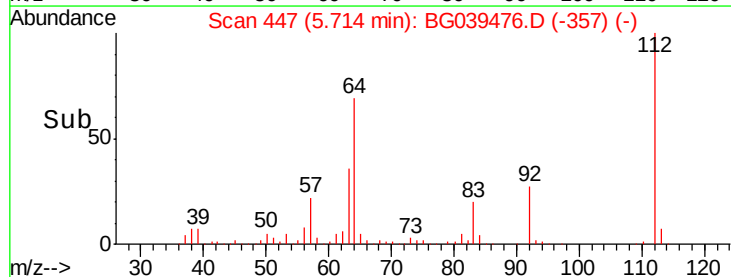
#5

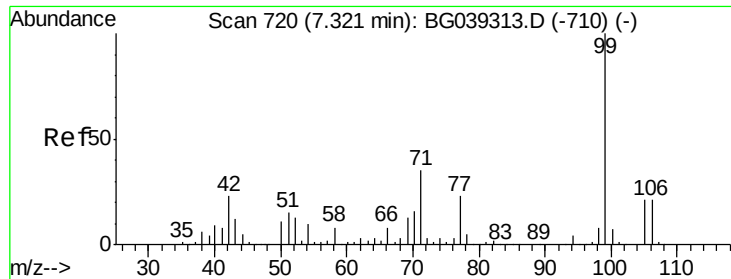
2-Fluorophenol
Concen: 134.277 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039476.D
Acq: 12 Feb 2019 23:12

Tgt Ion:112 Resp: 375197
Ion Ratio Lower Upper
112 100
64 69.0 57.8 86.8
63 36.3 29.8 44.6



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: 134.574 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

Instrument :

BNA_G

ClientSampleId :

PB117058TB

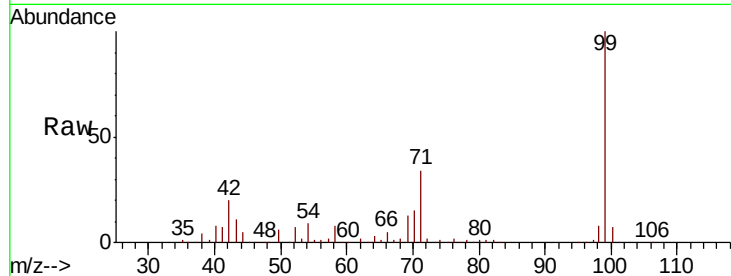
Tgt Ion: 99 Resp: 553500

Ion Ratio Lower Upper

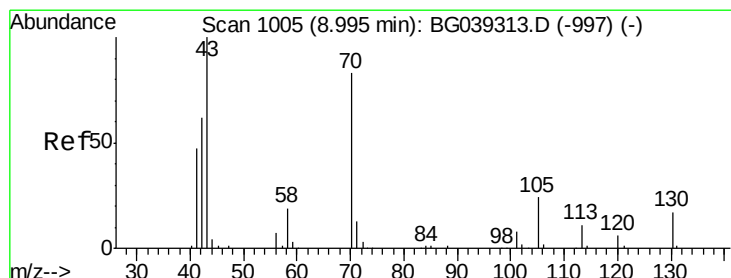
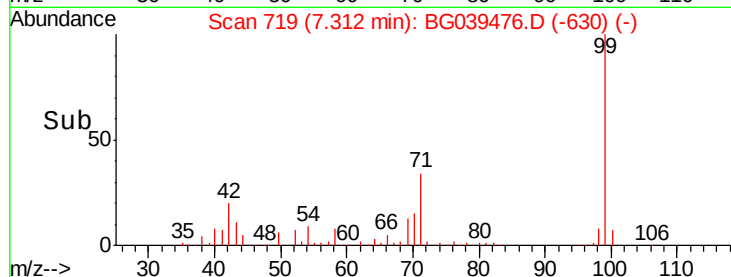
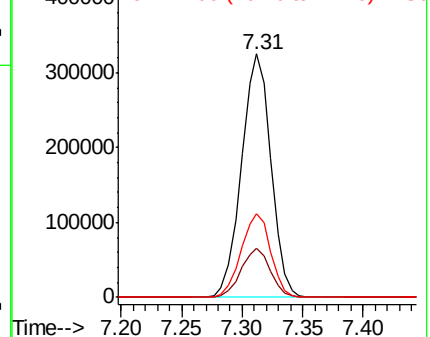
99 100

42 20.4 18.2 27.2

71 34.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.166 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

Tgt Ion: 70 Resp: 41353

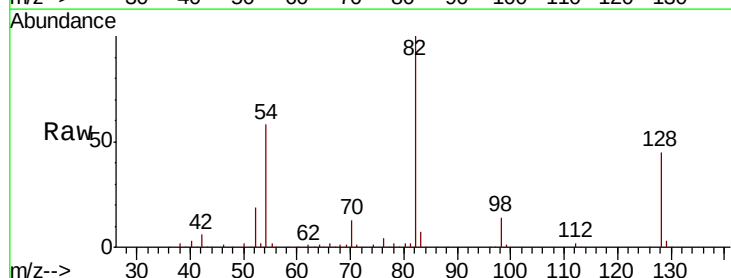
Ion Ratio Lower Upper

70 100

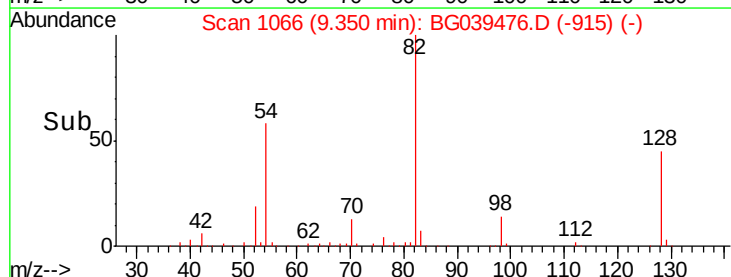
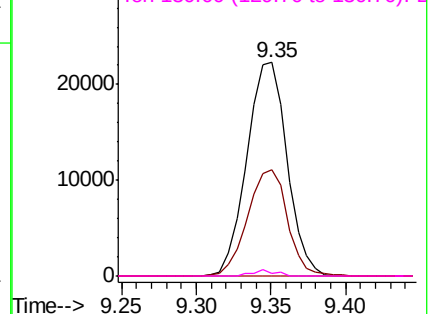
42 49.5 60.4 90.6#

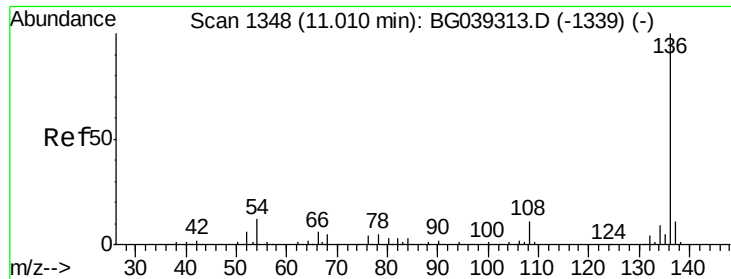
101 0.0 7.5 11.3#

130 1.3 16.9 25.3#



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

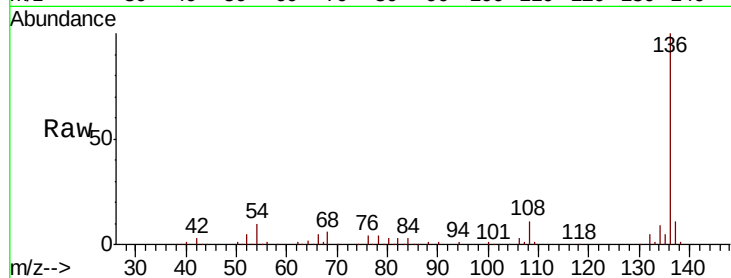




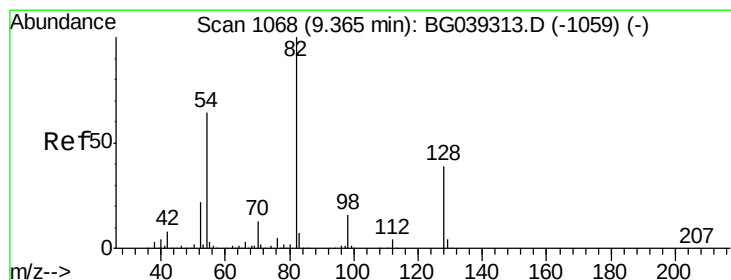
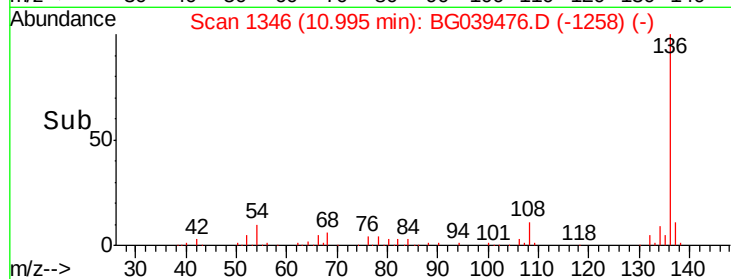
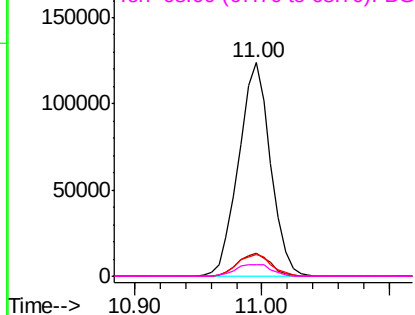
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039476.D
Acq: 12 Feb 2019 23:12

Instrument :
BNA_G
ClientSampleId :
PB117058TB

Tgt Ion:	136	Resp:	215947
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	10.5	9.4	14.2
68	5.6	4.2	6.4

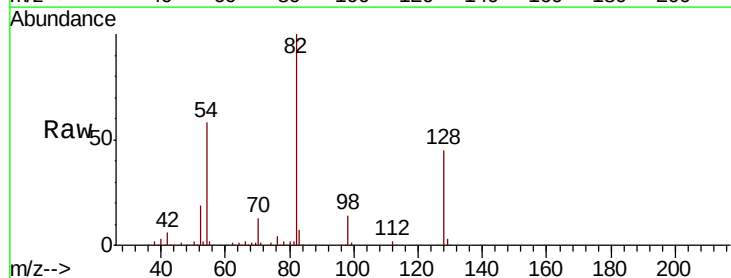


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

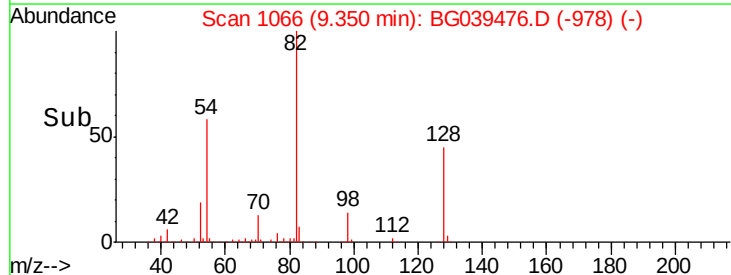
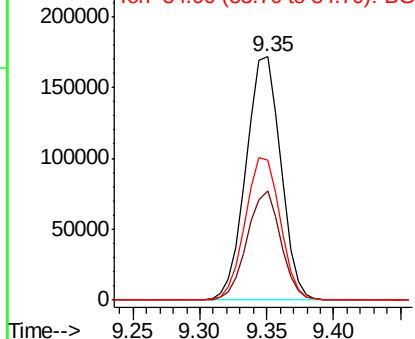


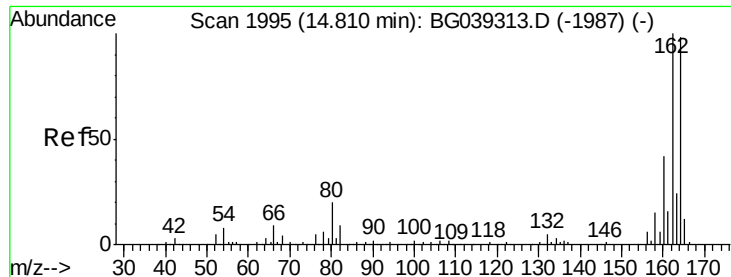
#23
Nitrobenzene-d5
Concen: 89.348 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039476.D
Acq: 12 Feb 2019 23:12

Tgt Ion:	82	Resp:	308851
Ion	Ratio	Lower	Upper
82	100		
128	44.8	31.3	46.9
54	57.7	50.9	76.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

Instrument :

BNA_G

ClientSampleId :

PB117058TB

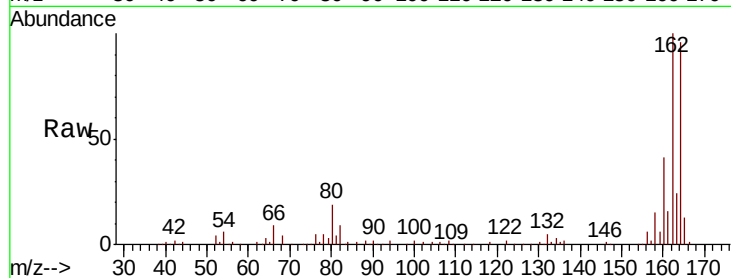
Tgt Ion:164 Resp: 159233

Ion Ratio Lower Upper

164 100

162 103.8 81.6 122.4

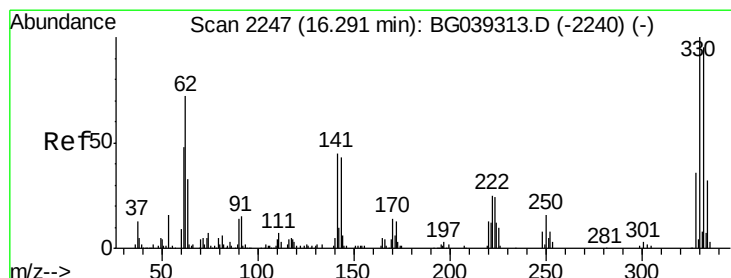
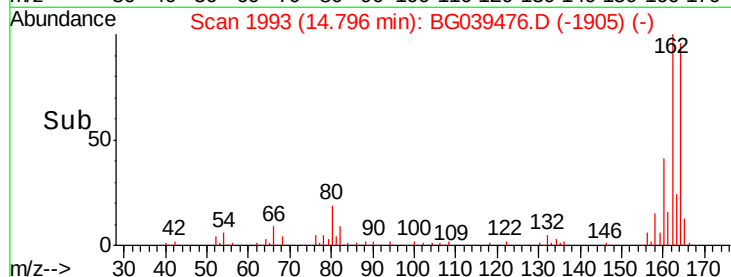
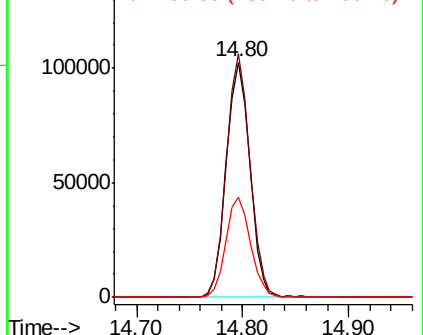
160 42.9 34.2 51.2



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: 134.974 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

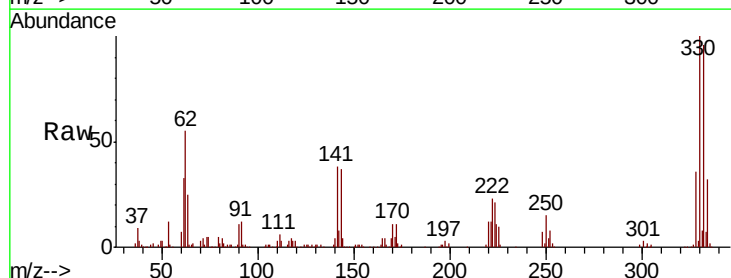
Tgt Ion:330 Resp: 231435

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

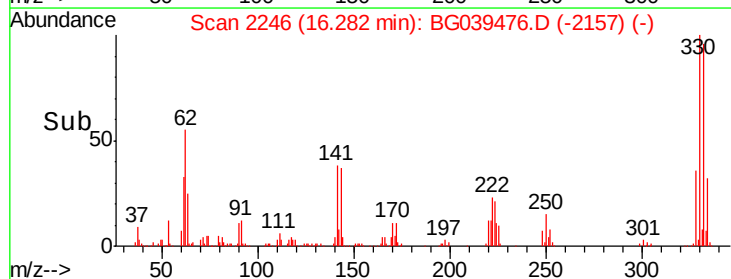
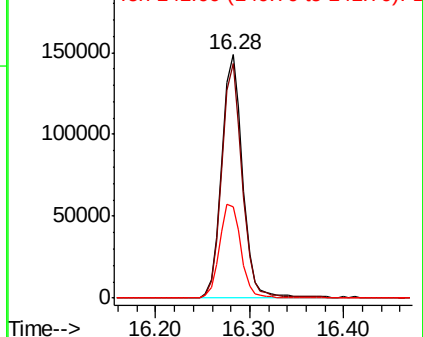
141 40.0 35.6 53.4

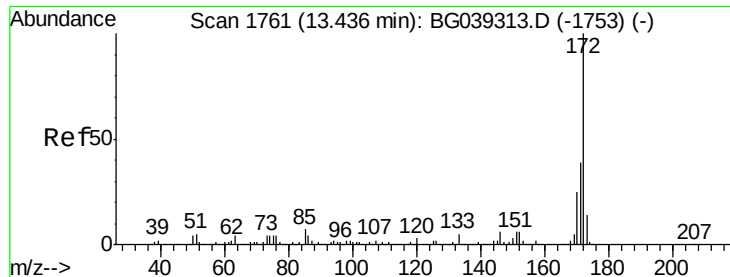


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

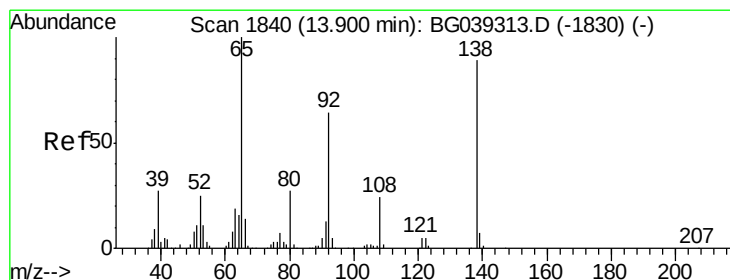
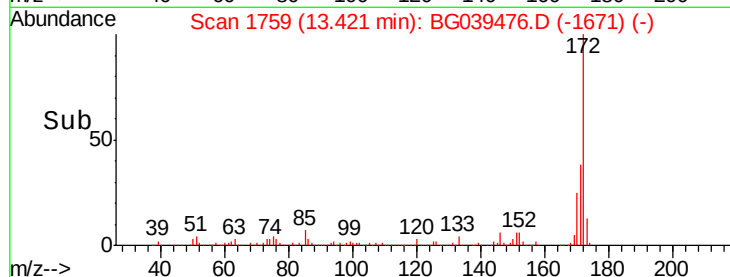
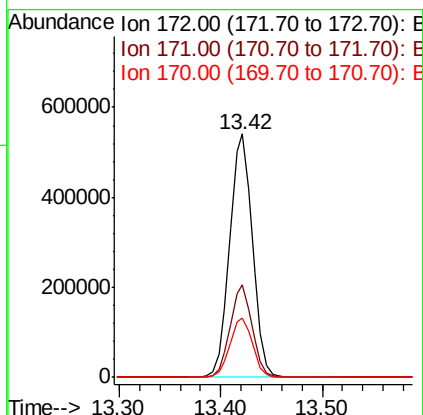
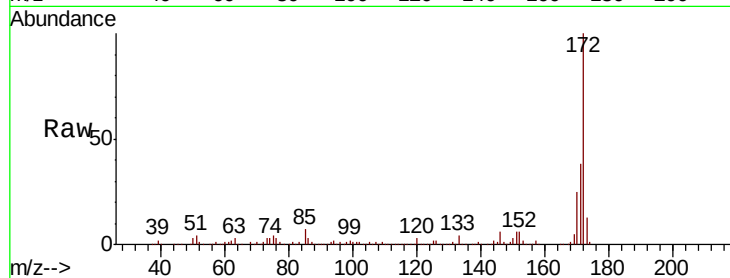




#45
2-Fluorobiphenyl
Concen: 75.933 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039476.D
Acq: 12 Feb 2019 23:12

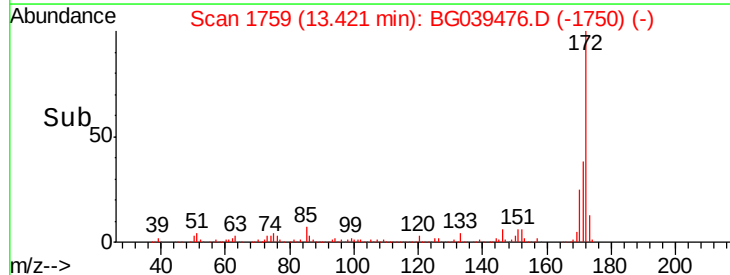
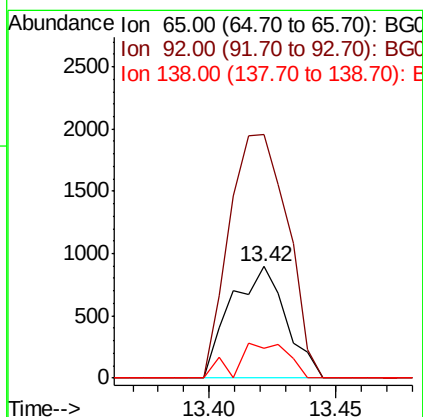
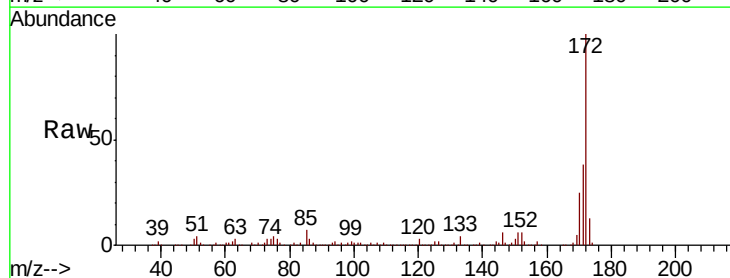
Instrument :
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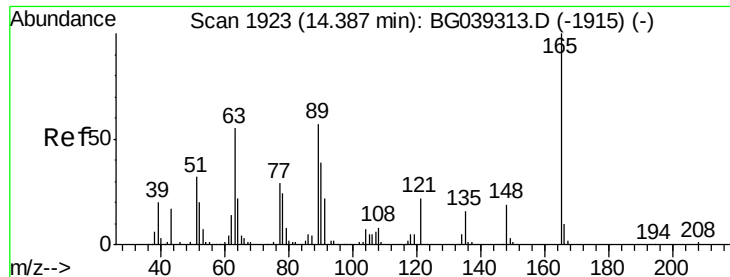
Tgt Ion: 172 Resp: 842840
Ion Ratio Lower Upper
172 100
171 38.2 30.8 46.2
170 24.6 20.2 30.4



#48
2-Nitroaniline
Concen: 8.689 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.48 min
Lab File: BG039476.D
Acq: 12 Feb 2019 23:12

Tgt Ion: 65 Resp: 1359
Ion Ratio Lower Upper
65 100
92 218.7 51.4 77.2#
138 27.0 71.4 107.2#

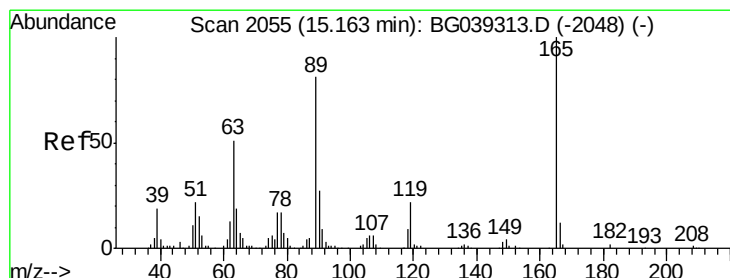
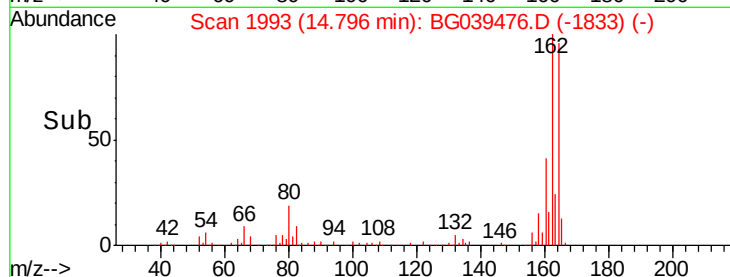
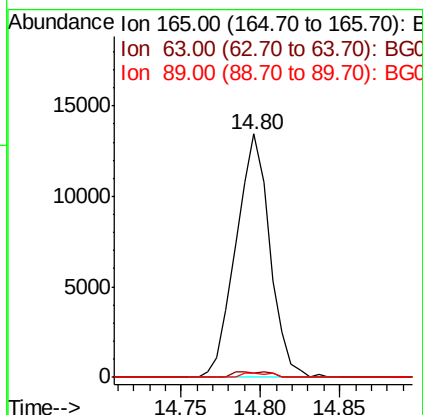
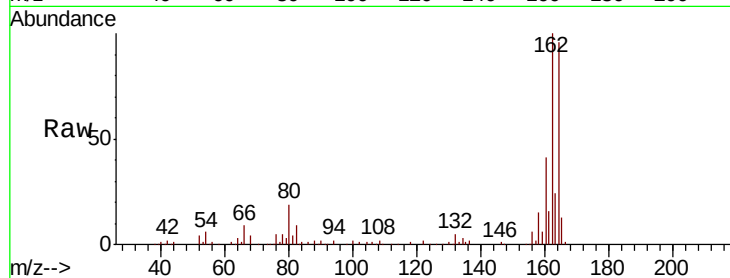




#51
 2,6-Dinitrotoluene
 Concen: 13.713 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. 0.41 min
 Lab File: BG039476.D
 Acq: 12 Feb 2019 23:12

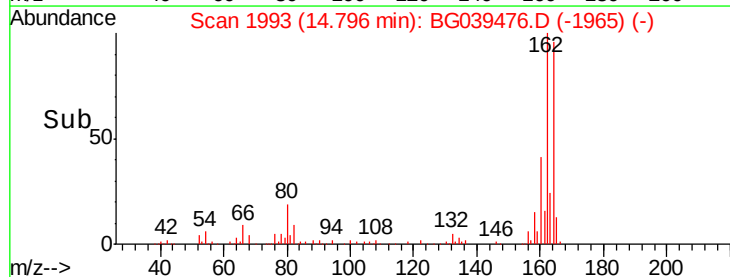
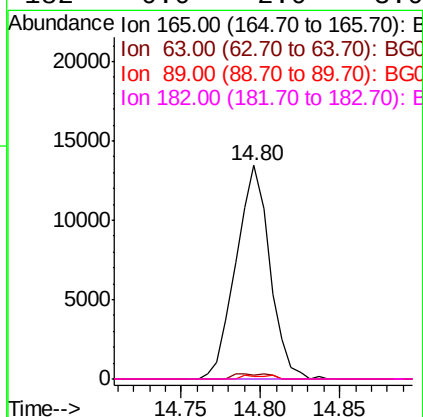
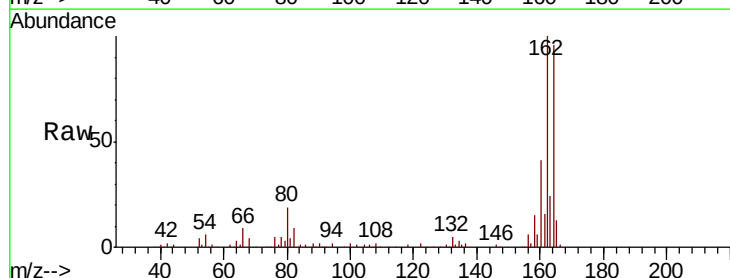
Instrument :
 BNA_G
 ClientSampleId :
 PB117058TB

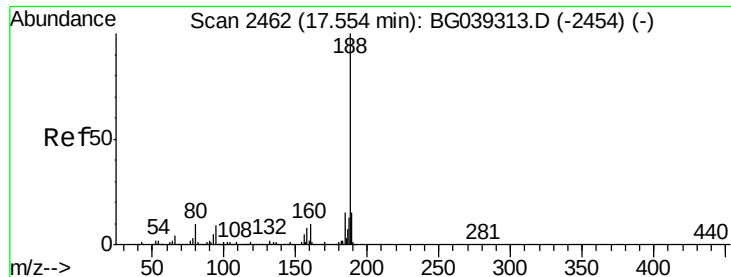
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	47.0	70.6#
89	1.5	45.8	68.8#



#57
 2,4-Dinitrotoluene
 Concen: 13.240 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.37 min
 Lab File: BG039476.D
 Acq: 12 Feb 2019 23:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.0	61.6#
89	1.5	64.6	96.8#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

Instrument :

BNA_G

ClientSampleId :

PB117058TB

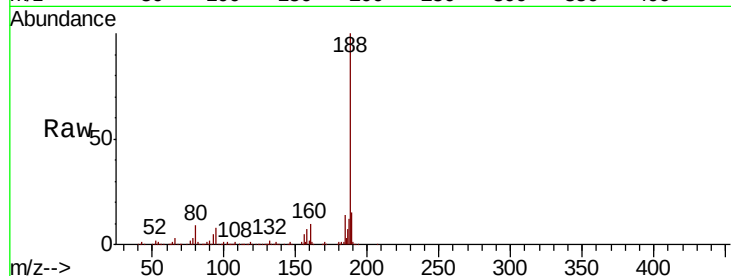
Tgt Ion:188 Resp: 390954

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

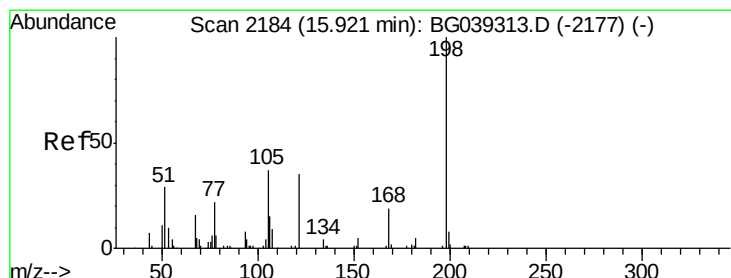
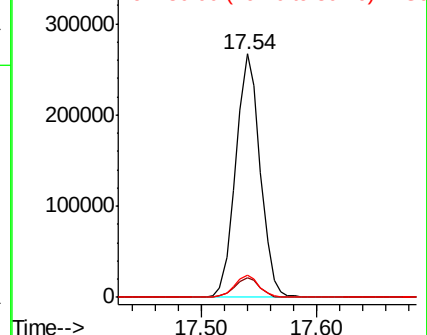
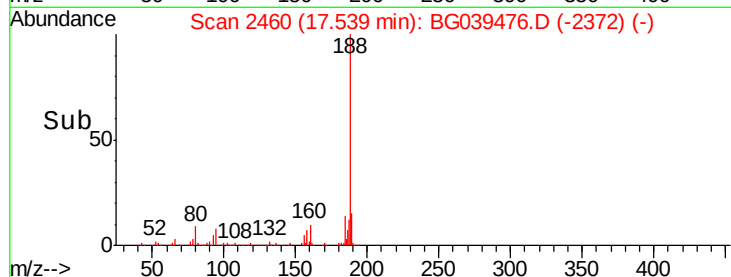
80 9.1 8.1 12.1



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: 4.773 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.36 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

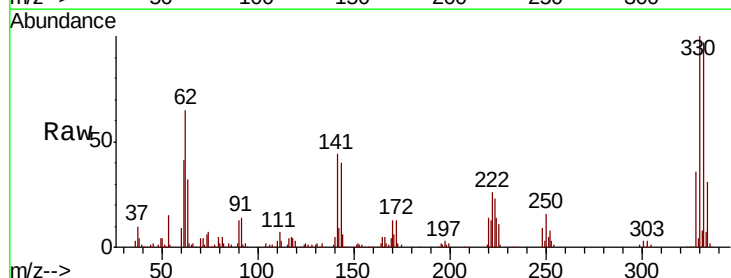
Tgt Ion:198 Resp: 729

Ion Ratio Lower Upper

198 100

51 120.8 27.4 67.4#

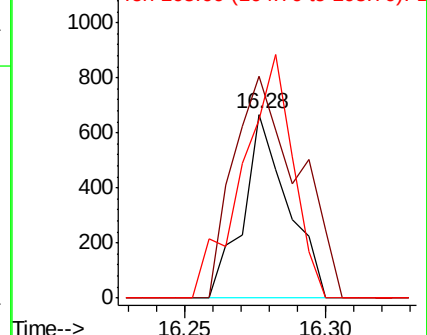
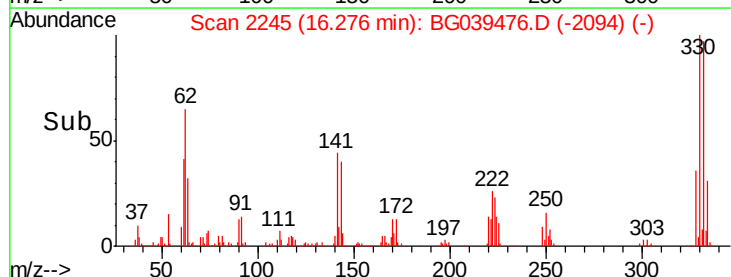
105 96.7 19.7 59.7#

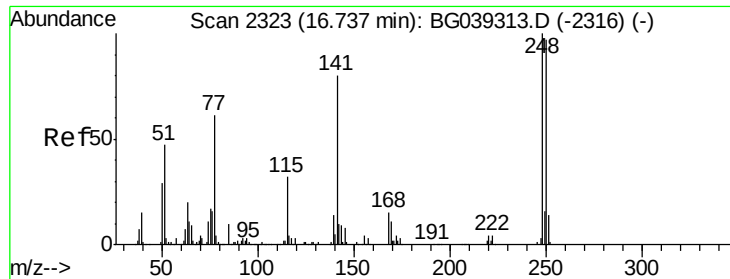


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

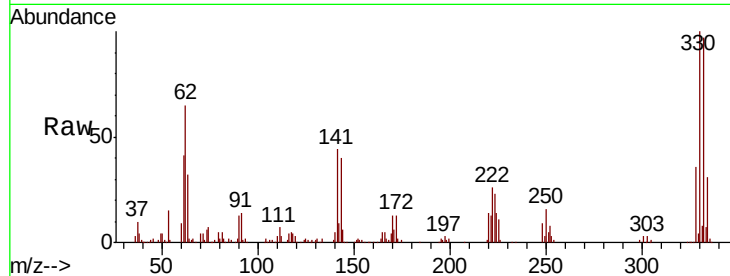




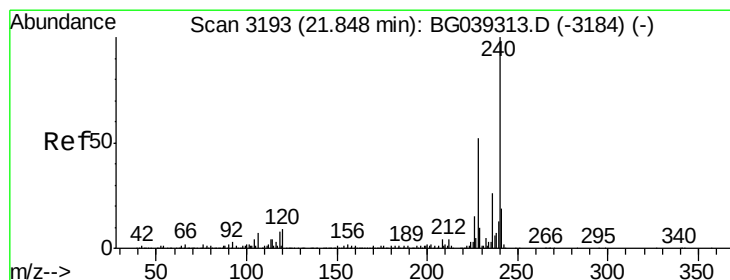
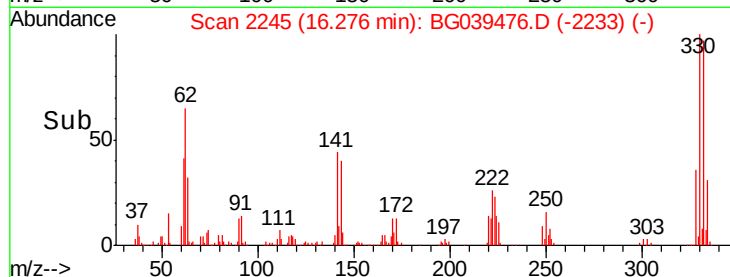
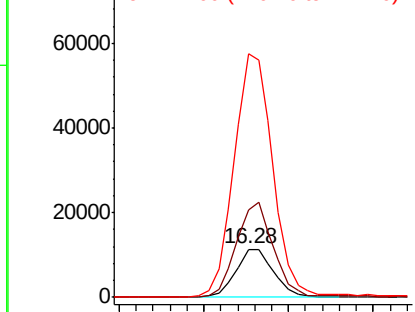
#67
 4-Bromophenyl-phenylether
 Concen: 4.086 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.46 min
 Lab File: BG039476.D
 Acq: 12 Feb 2019 23:12

Instrument :
 BNA_G
 ClientSampleId :
 PB117058TB

Tgt Ion:248 Resp: 17721
 Ion Ratio Lower Upper
 248 100
 250 182.1 77.6 116.4#
 141 508.0 63.9 95.9#

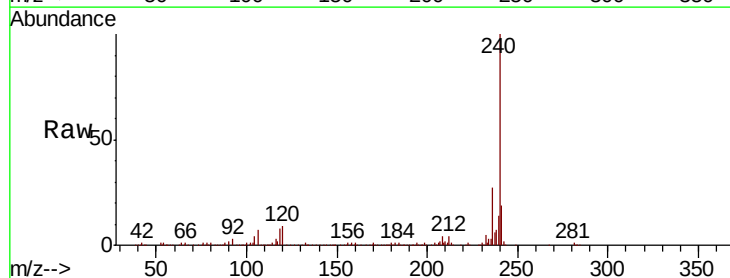


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

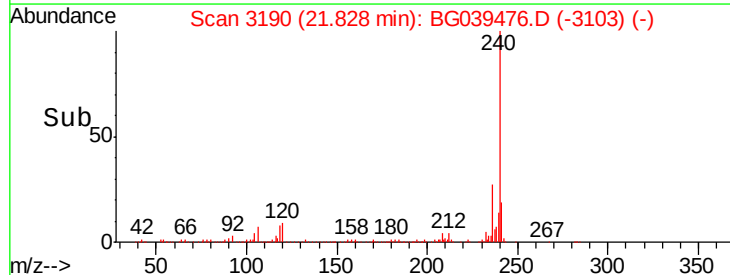
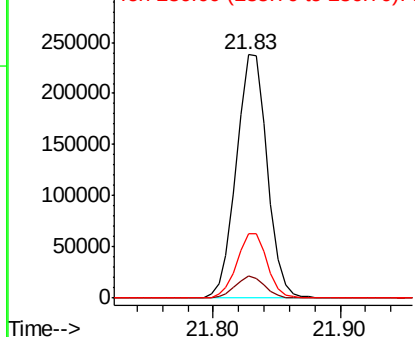


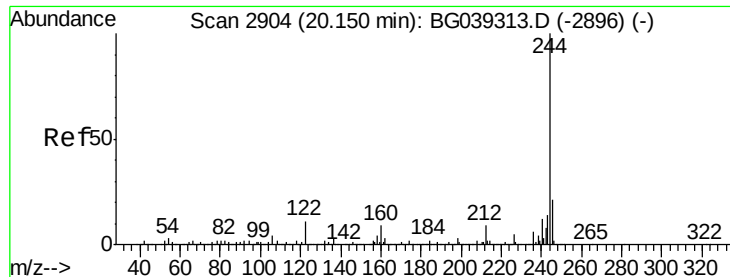
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BG039476.D
 Acq: 12 Feb 2019 23:12

Tgt Ion:240 Resp: 401865
 Ion Ratio Lower Upper
 240 100
 120 9.2 7.0 10.6
 236 26.6 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: 72.298 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

Instrument :

BNA_G

ClientSampleId :

PB117058TB

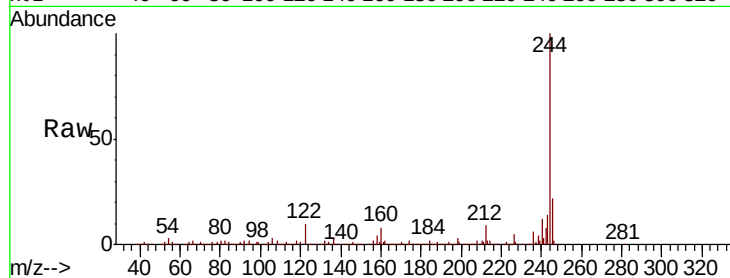
Tgt Ion:244 Resp: 1372614

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

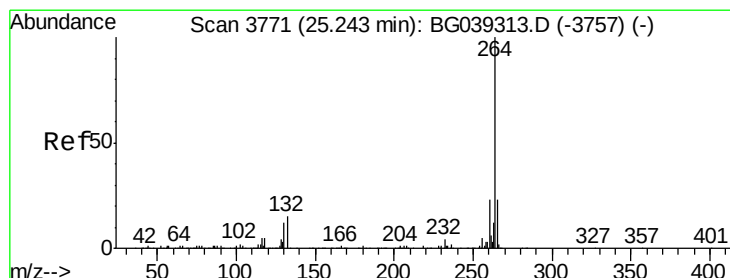
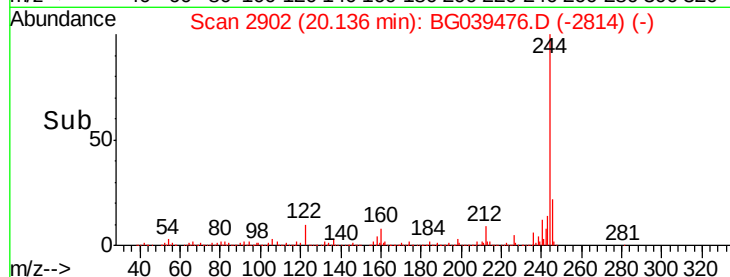
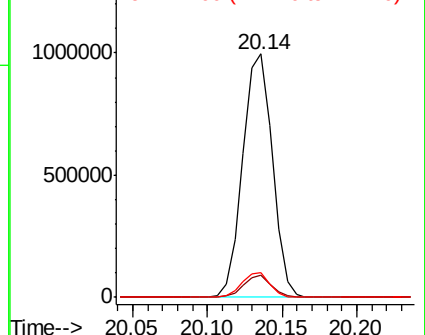
122 9.9 8.4 12.6



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: 25.22 min Scan# 3767

Delta R.T. -0.03 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

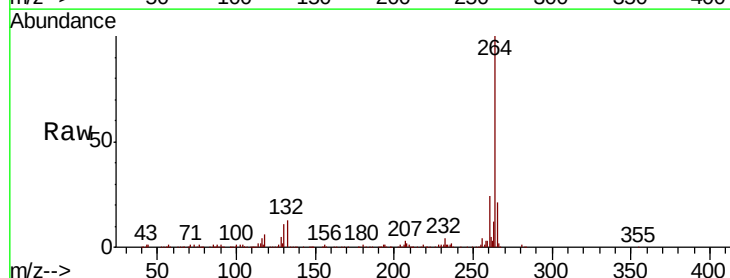
Tgt Ion:264 Resp: 404262

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.2 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

