

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020819\
 Data File : BG039416.D
 Acq On : 8 Feb 2019 15:21
 Operator : JU/SJ
 Sample : PB116935BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116935BL

Quant Time: Feb 08 23:33:36 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

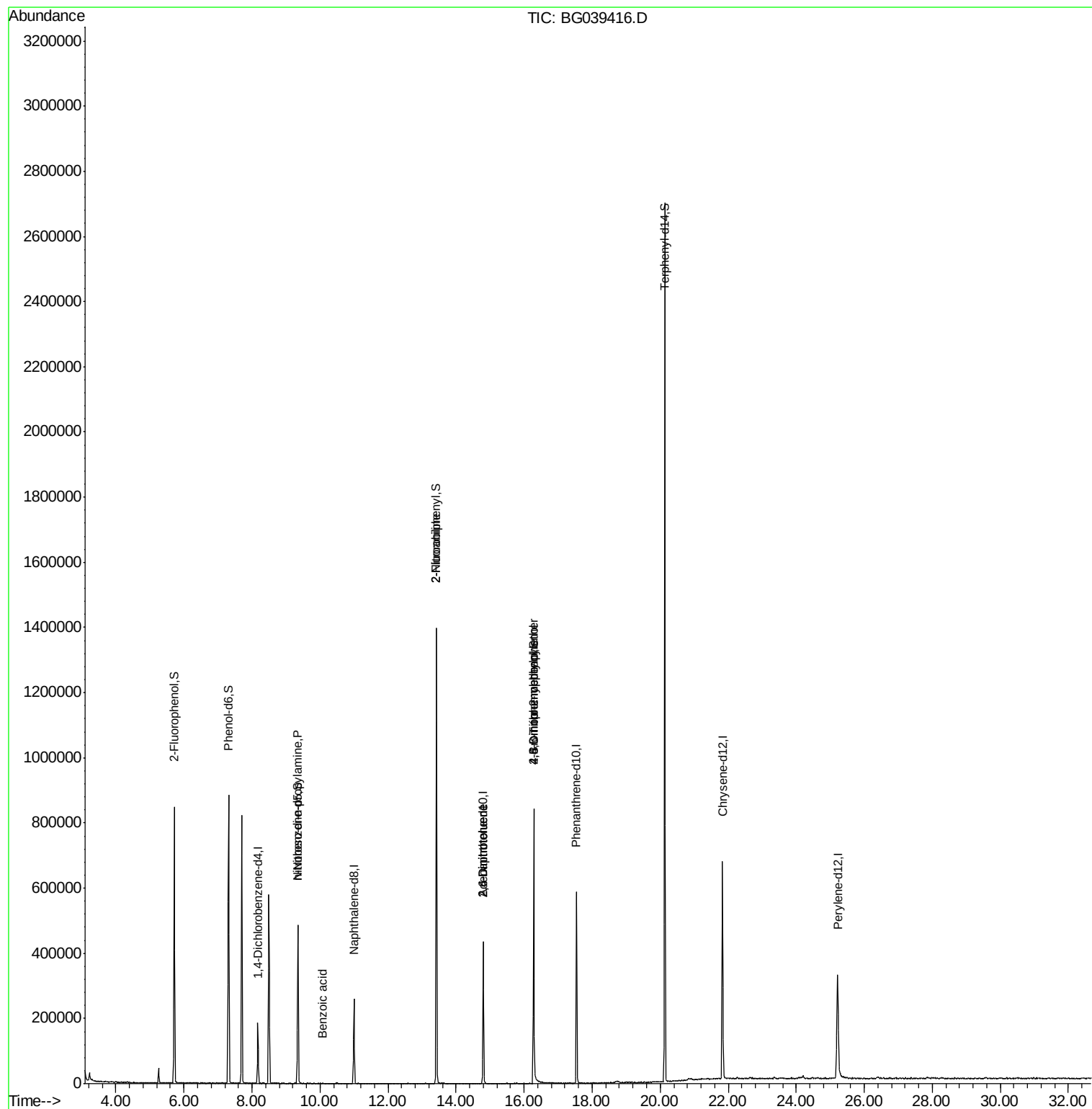
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	51804	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	223204	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	154310	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	374998	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	423856	20.00	ng	-0.02
87) Perylene-d12	25.22	264	401517	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	351459	116.12	ng	0.00
7) Phenol-d6	7.31	99	506788	113.75	ng	0.00
23) Nitrobenzene-d5	9.35	82	283910	79.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	154493	92.98	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	742243	69.00	ng	-0.01
79) Terphenyl-d14	20.14	244	1253684	62.61	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.31	77	869	Below Cal		Qvalue # 4
19) n-Nitroso-di-n-propylamine	9.35	70	35329	11.172	ng	# 71
32) Benzoic acid	10.07	122	61	9.045	ng	# 1
48) 2-Nitroaniline	13.42	65	1247	8.668	ng	# 1
51) 2,6-Dinitrotoluene	14.80	165	19734	13.874	ng	# 23
57) 2,4-Dinitrotoluene	14.80	165	19734	13.361	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.28	198	515	4.614	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	12357	2.970	ng	# 1

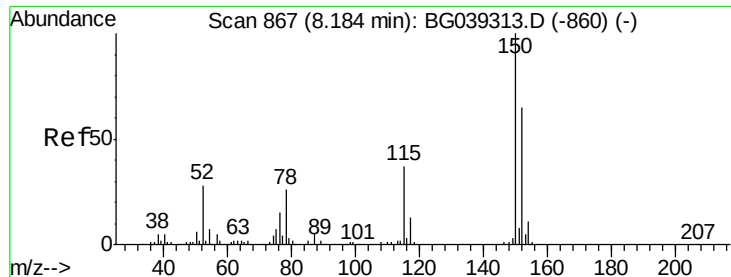
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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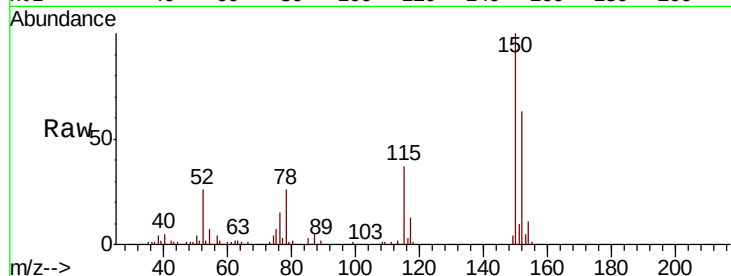


#1

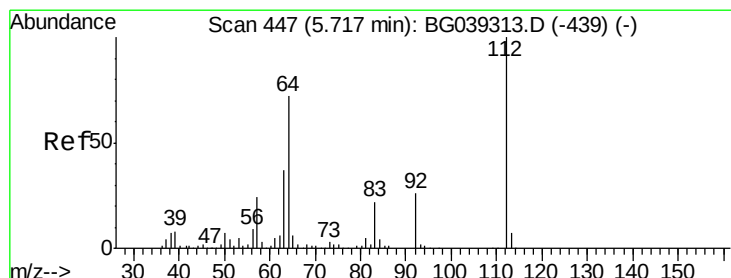
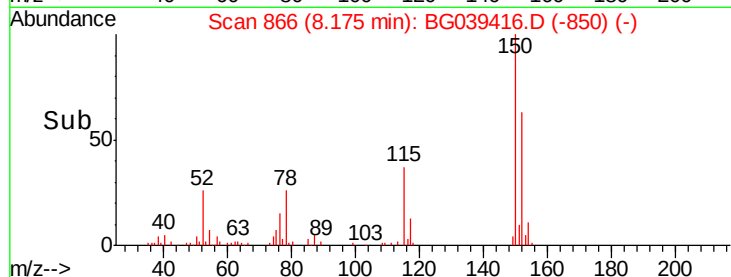
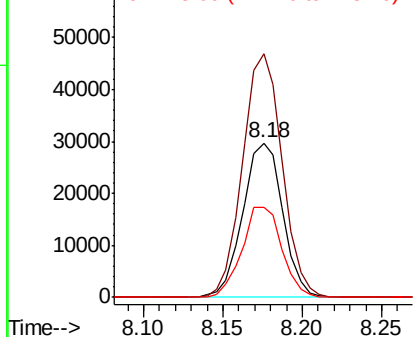
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

Instrument :
BNA_G
ClientSampleId :
PB116935BL

Tgt Ion:152 Resp: 51804
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 58.5 45.9 68.9



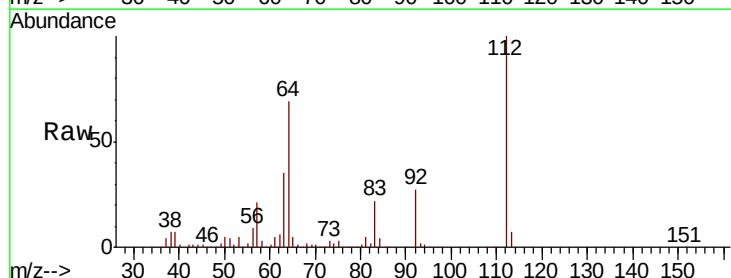
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



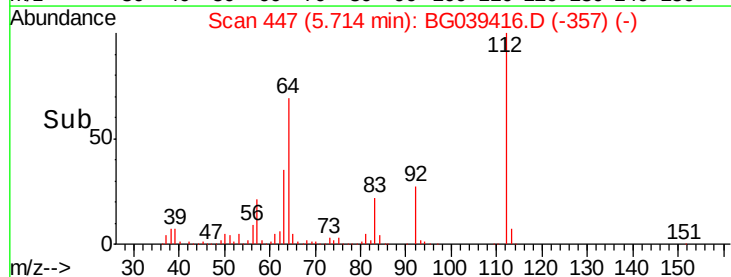
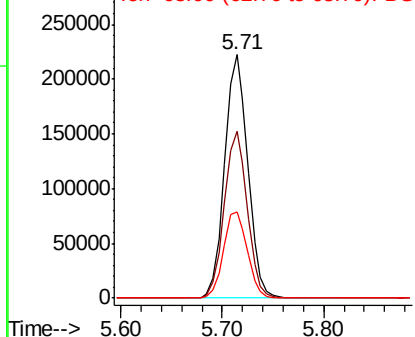
#5

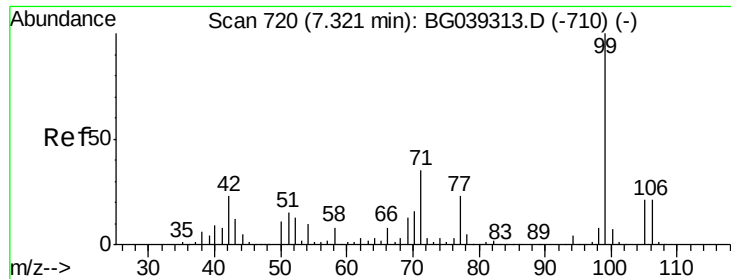
2-Fluorophenol
Concen: 116.116 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

Tgt Ion:112 Resp: 351459
Ion Ratio Lower Upper
112 100
64 68.5 57.8 86.8
63 35.3 29.8 44.6



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: 113.748 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB116935BL

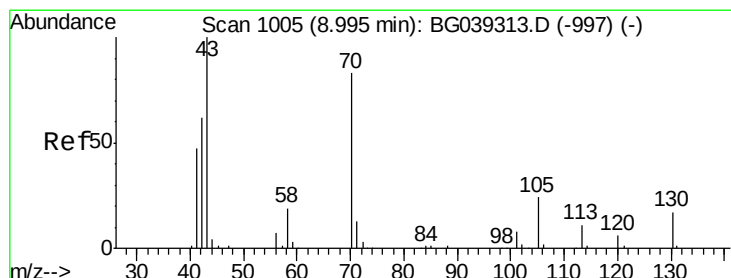
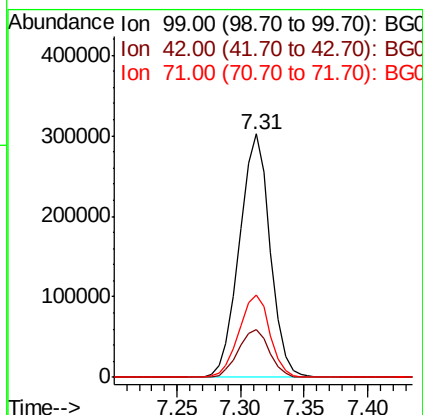
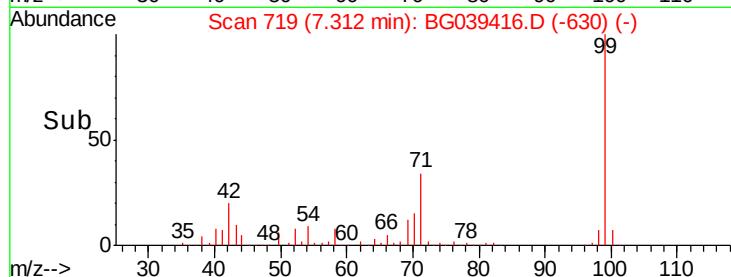
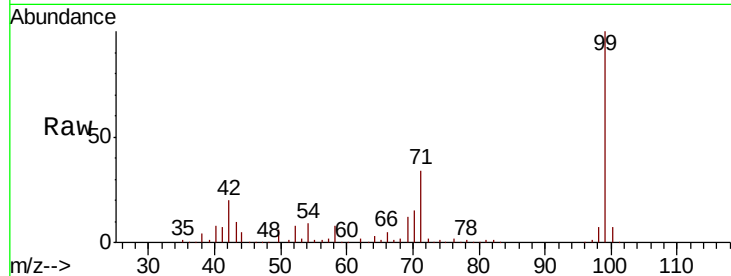
Tgt Ion: 99 Resp: 506788

Ion Ratio Lower Upper

99 100

42 19.7 18.2 27.2

71 33.9 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.172 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

Tgt Ion: 70 Resp: 35329

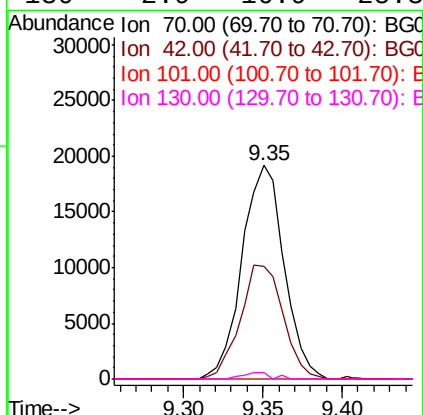
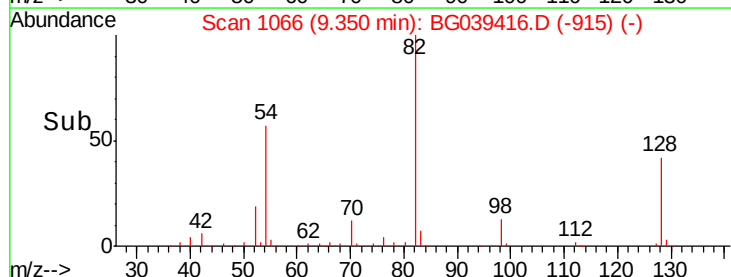
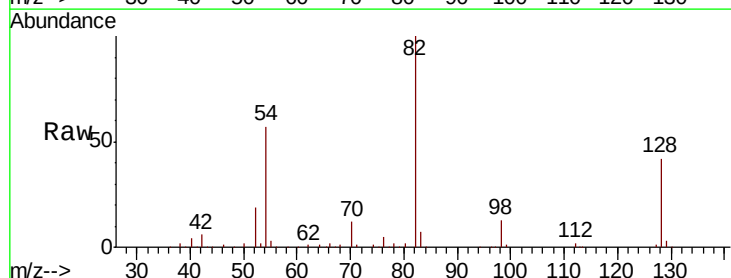
Ion Ratio Lower Upper

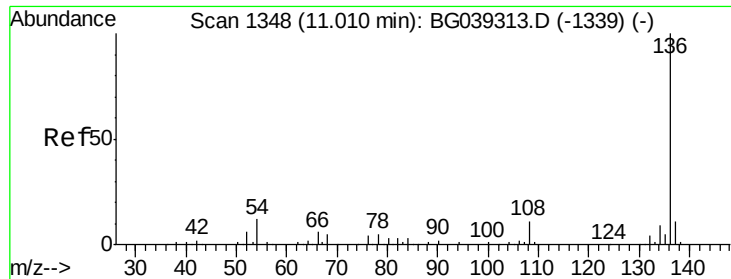
70 100

42 52.7 60.4 90.6#

101 0.0 7.5 11.3#

130 2.9 16.9 25.3#

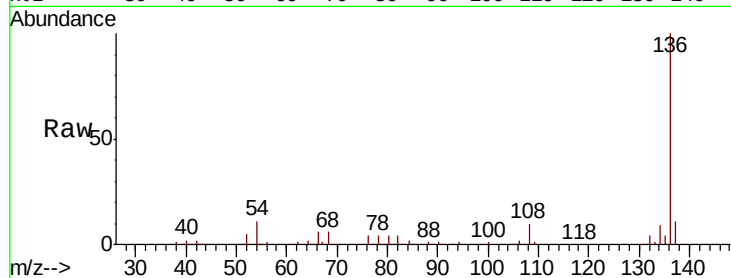




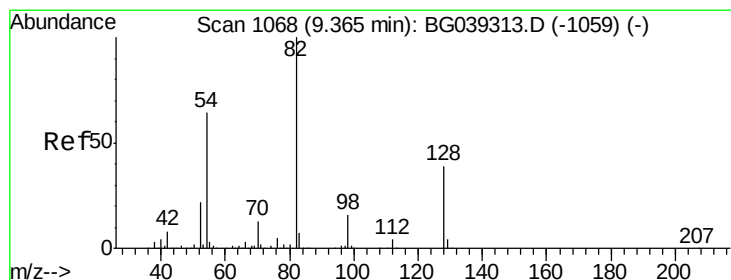
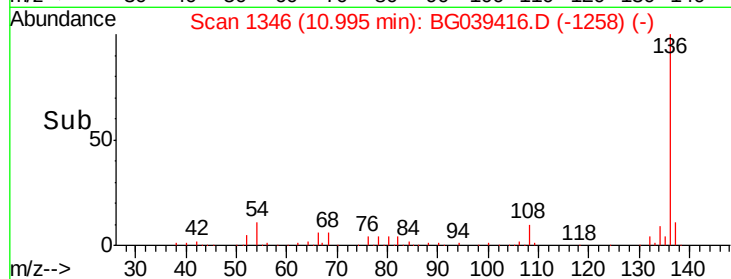
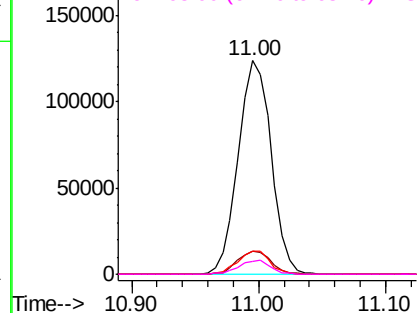
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

Instrument :
BNA_G
ClientSampleId :
PB116935BL

Tgt Ion:	136	Resp:	223204
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.5	9.4	14.2
68	6.0	4.2	6.4

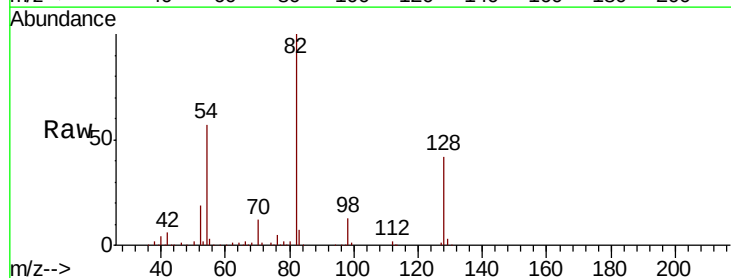


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

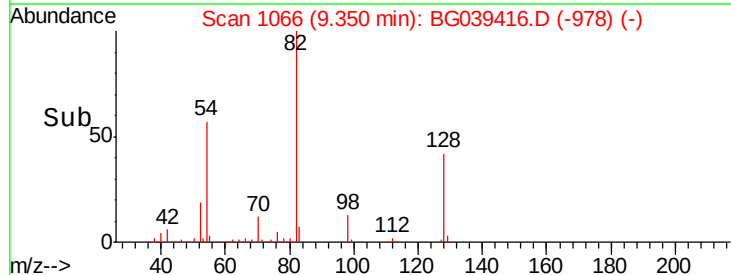
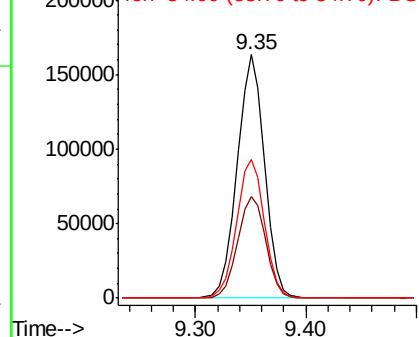


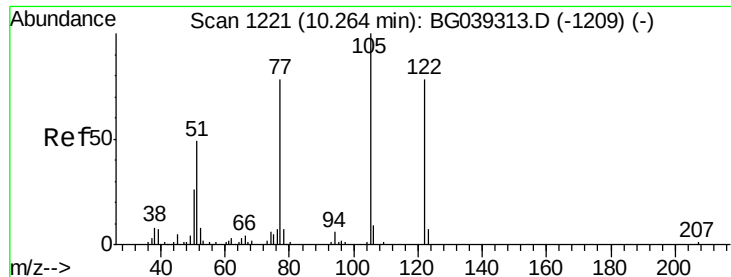
#23
Nitrobenzene-d5
Concen: 79.462 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

Tgt Ion:	82	Resp:	283910
Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.3	46.9
54	57.1	50.9	76.3



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

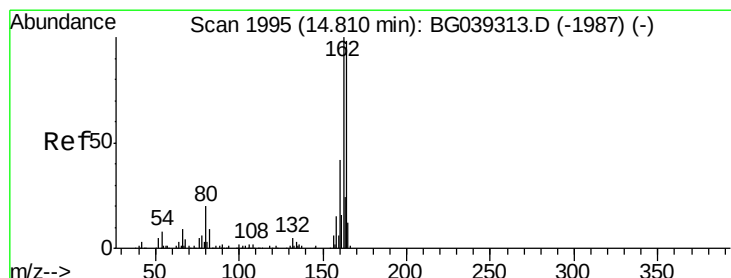
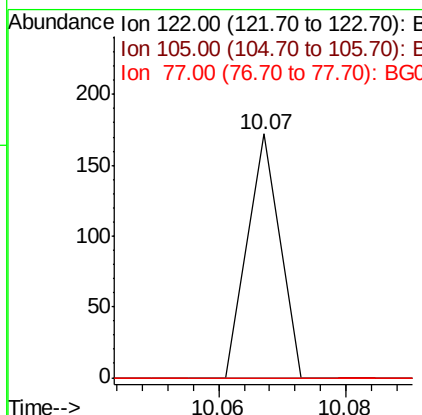
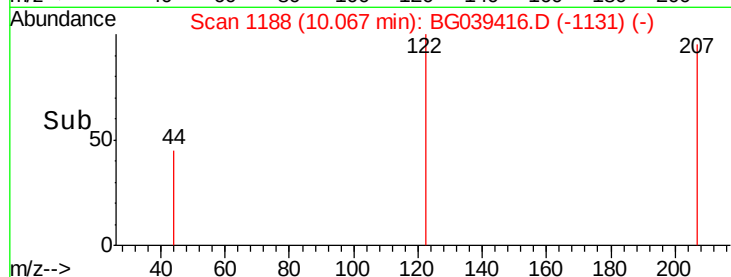
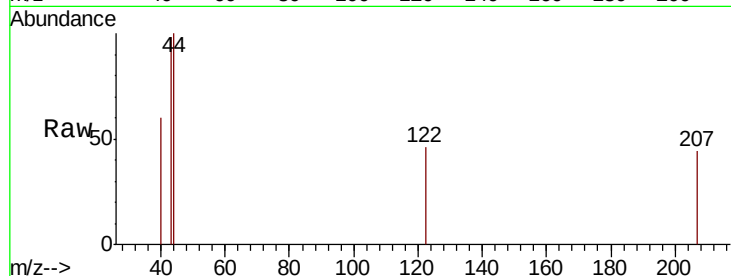




#32
Benzoic acid
Concen: 9.045 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.20 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

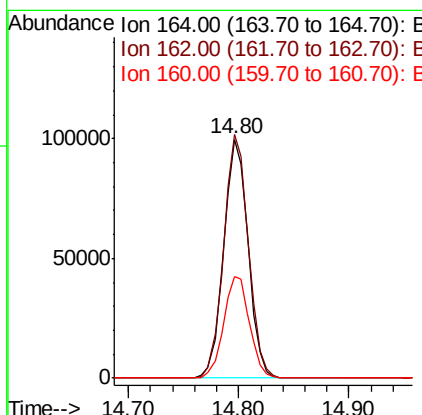
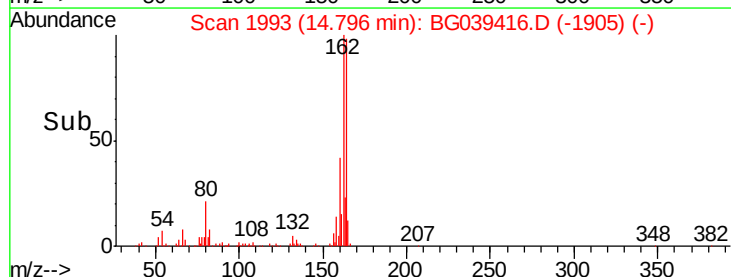
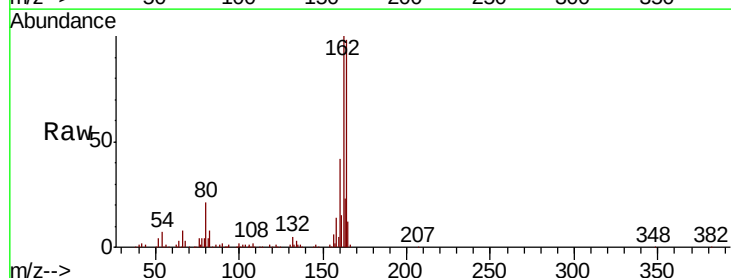
Instrument :
BNA_G
ClientSampleId :
PB116935BL

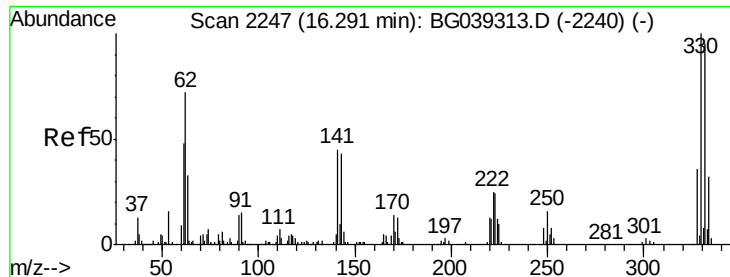
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	42.8	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 92.975 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB116935BL

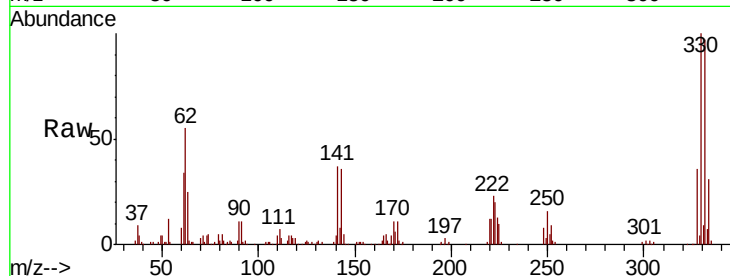
Tgt Ion:330 Resp: 154493

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

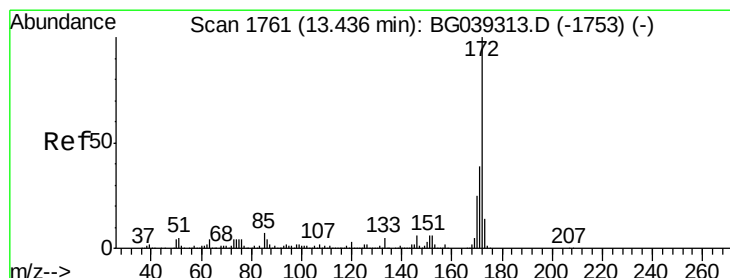
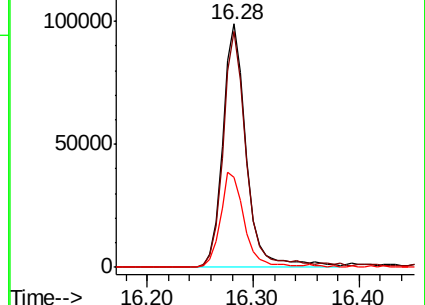
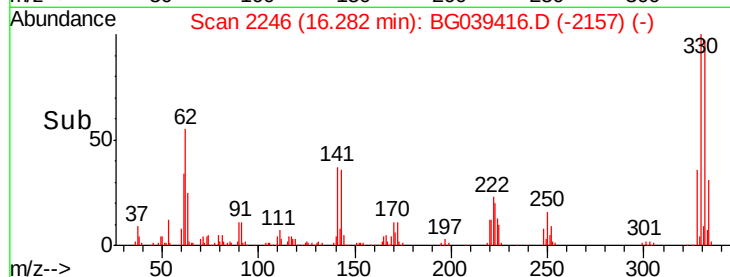
141 39.1 35.6 53.4



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: 69.003 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

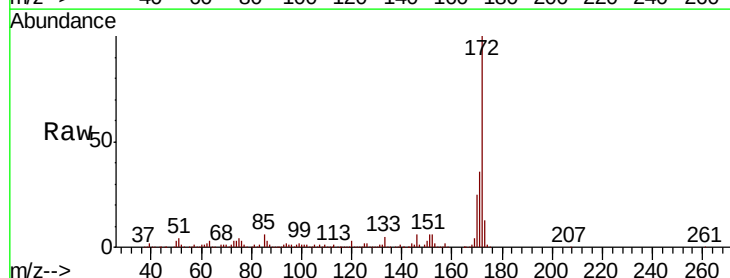
Tgt Ion:172 Resp: 742243

Ion Ratio Lower Upper

172 100

171 36.0 30.8 46.2

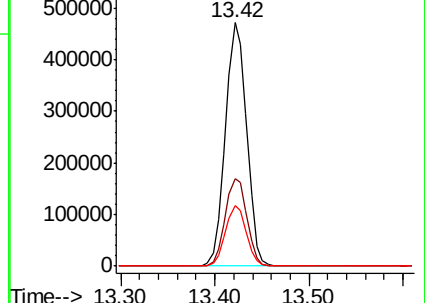
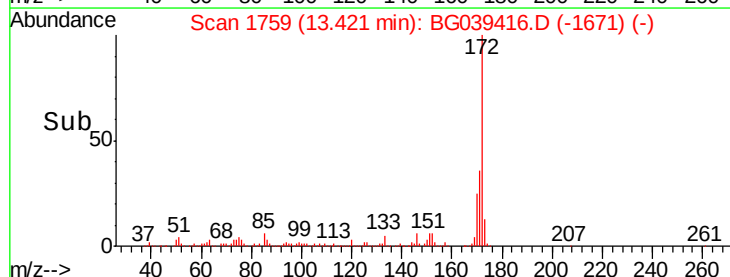
170 24.9 20.2 30.4

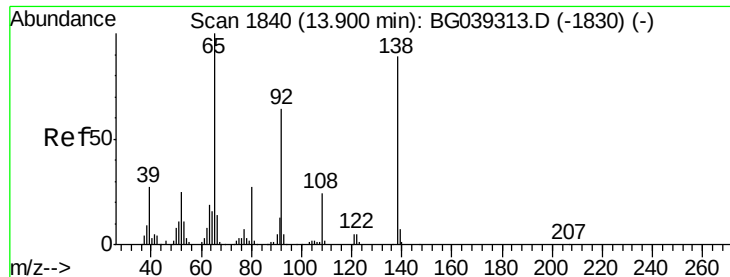


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

2-Nitroaniline

Concen: 8.668 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.48 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

Instrument :

BNA_G

ClientSampleId :

PB116935BL

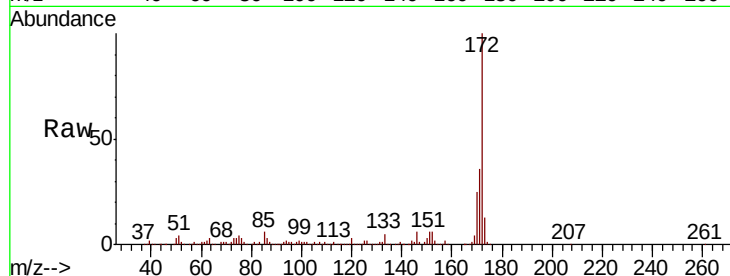
Tgt Ion: 65 Resp: 1247

Ion Ratio Lower Upper

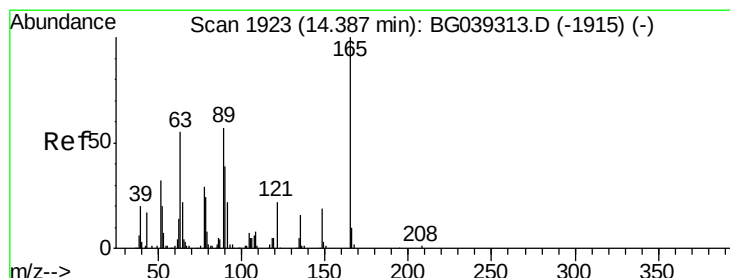
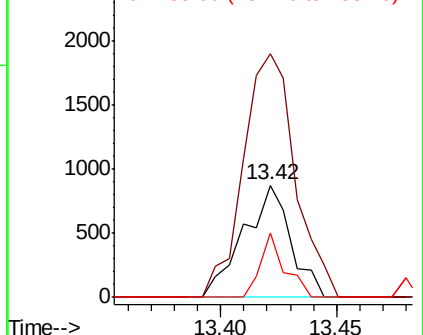
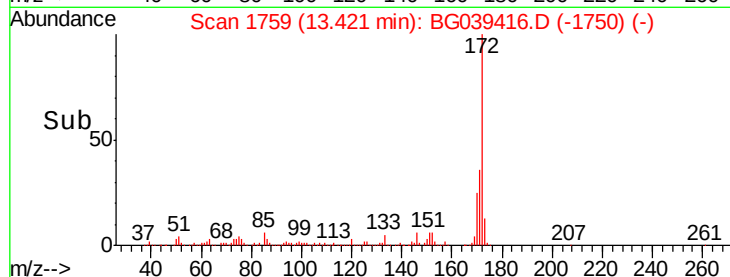
65 100

92 217.7 51.4 77.2#

138 57.3 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#51

2,6-Dinitrotoluene

Concen: 13.874 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.41 min

Lab File: BG039416.D

Acq: 8 Feb 2019 15:21

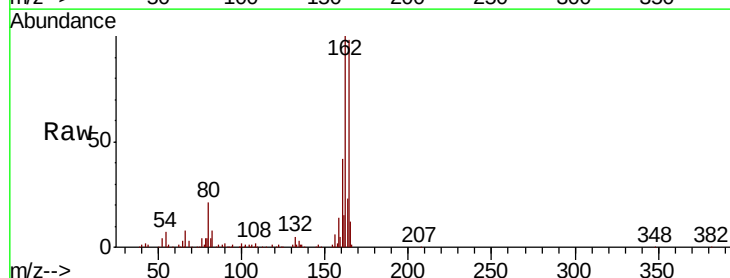
Tgt Ion: 165 Resp: 19734

Ion Ratio Lower Upper

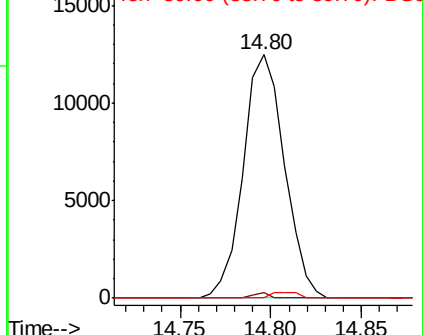
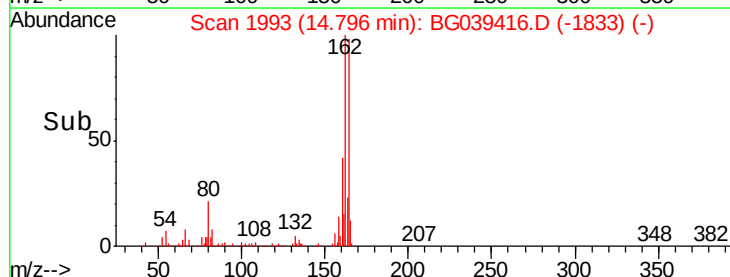
165 100

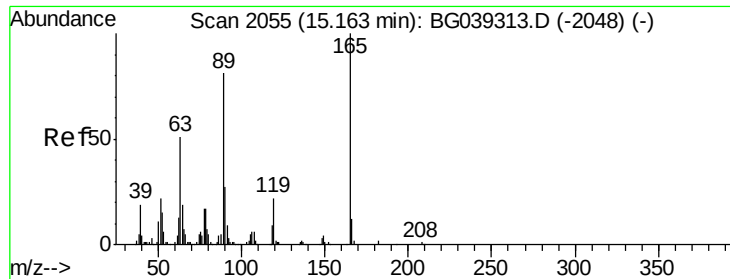
63 2.2 47.0 70.6#

89 0.0 45.8 68.8#



Abundance Ion 165.00 (164.70 to 165.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

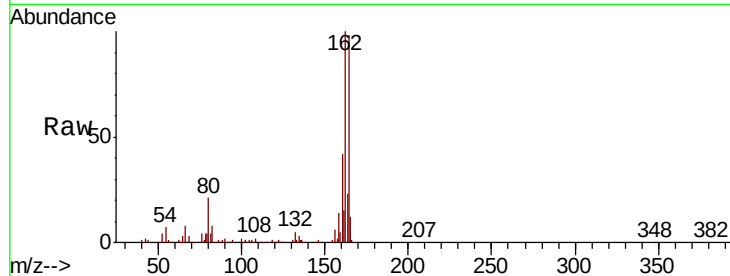




#57
 2,4-Dinitrotoluene
 Concen: 13.361 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.37 min
 Lab File: BG039416.D
 Acq: 8 Feb 2019 15:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116935BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

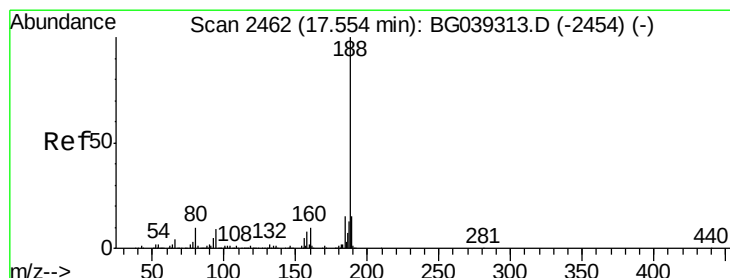
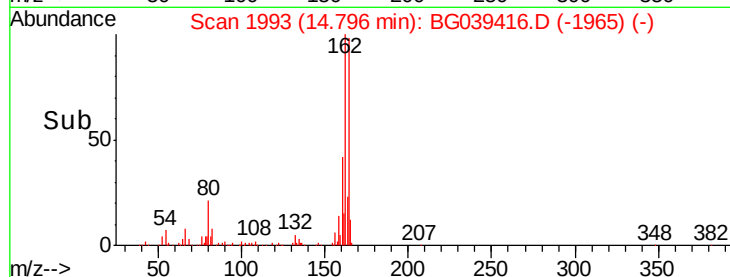
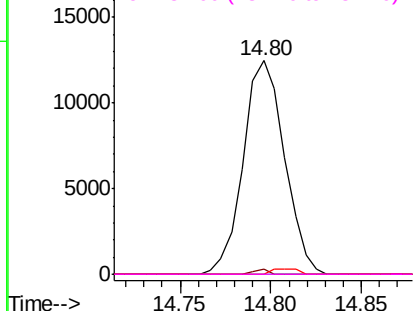


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

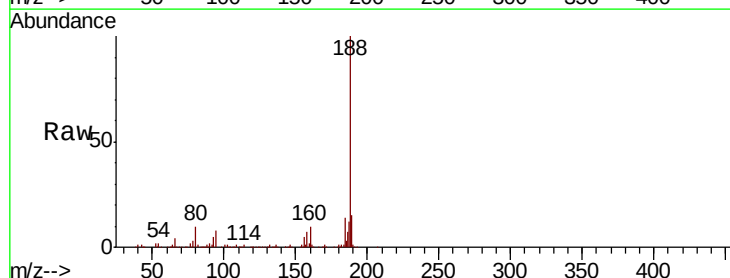
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.54 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BG039416.D
 Acq: 8 Feb 2019 15:21

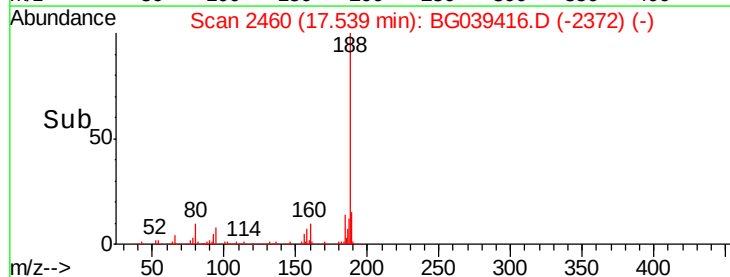
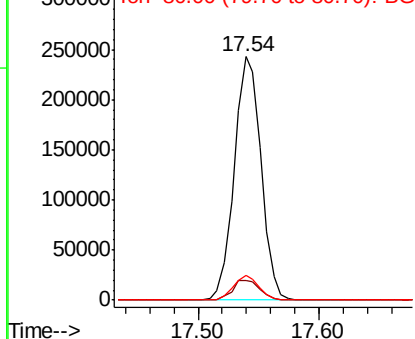
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	10.2	8.1	12.1

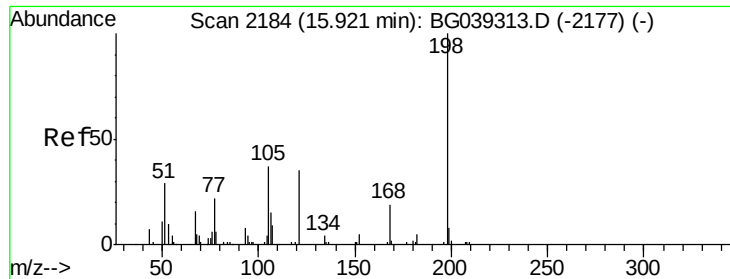


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

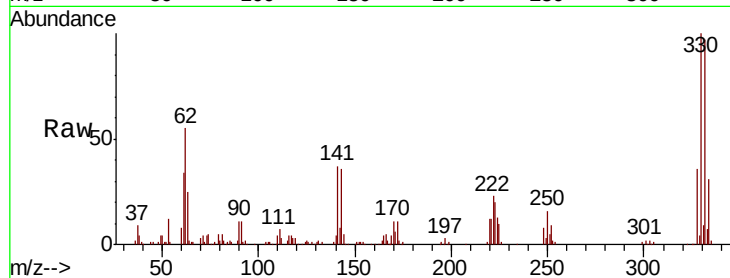




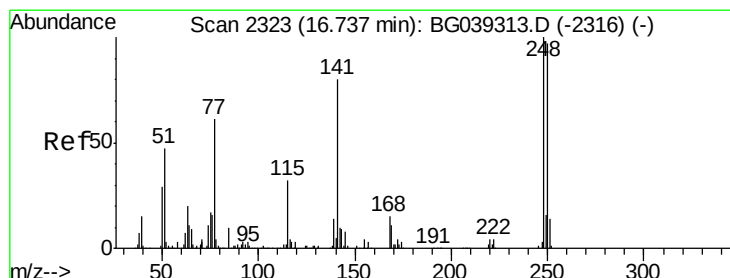
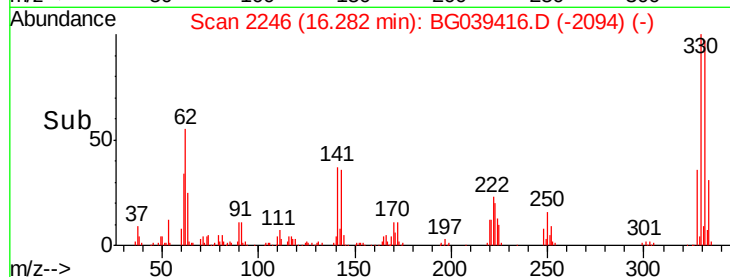
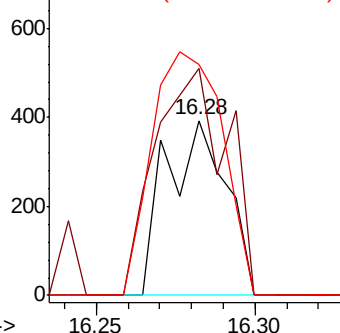
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.614 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. 0.36 min
 Lab File: BG039416.D
 Acq: 8 Feb 2019 15:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116935BL

Tgt Ion:198 Resp: 515
 Ion Ratio Lower Upper
 198 100
 51 130.0 27.4 67.4#
 105 131.8 19.7 59.7#

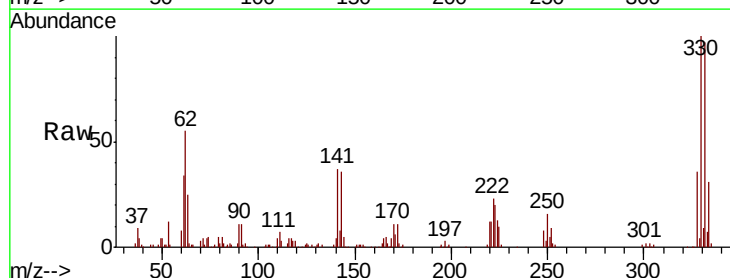


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

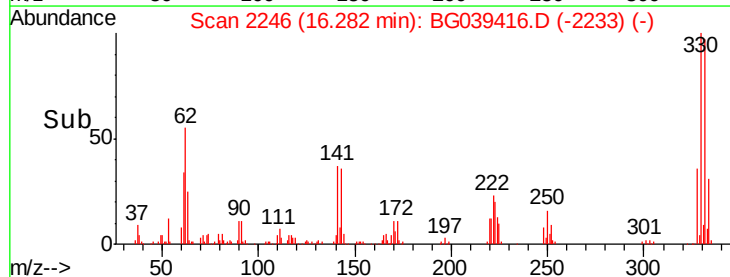
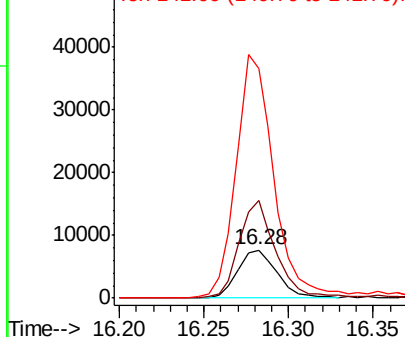


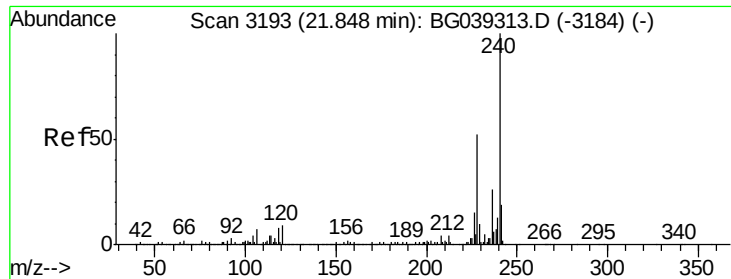
#67
 4-Bromophenyl-phenylether
 Concen: 2.970 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.46 min
 Lab File: BG039416.D
 Acq: 8 Feb 2019 15:21

Tgt Ion:248 Resp: 12357
 Ion Ratio Lower Upper
 248 100
 250 201.4 77.6 116.4#
 141 475.2 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

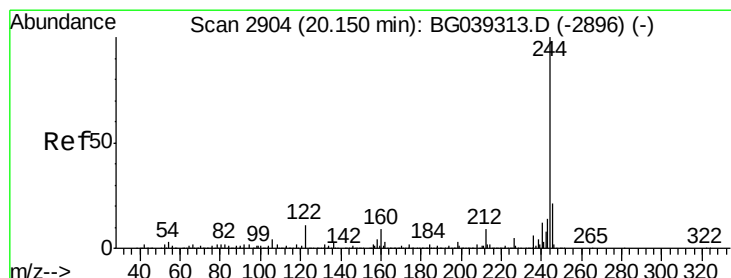
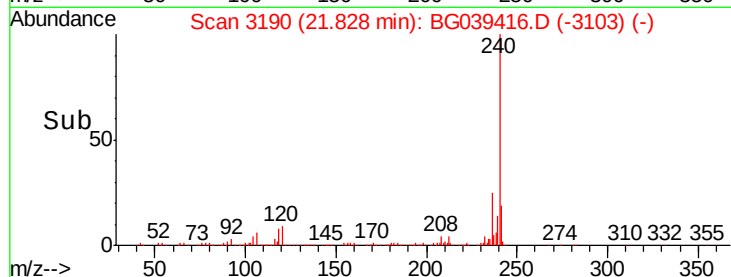
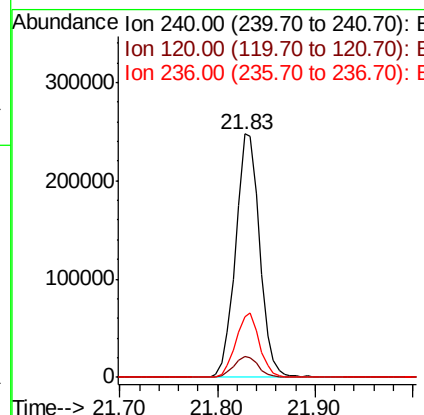
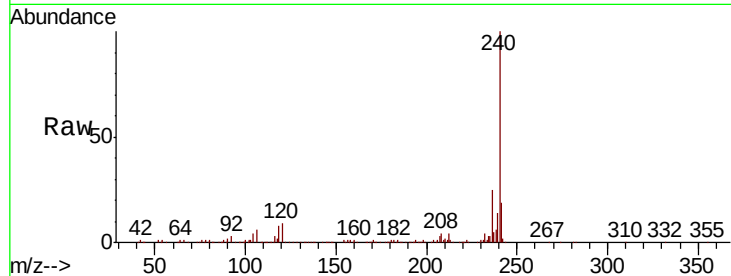




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

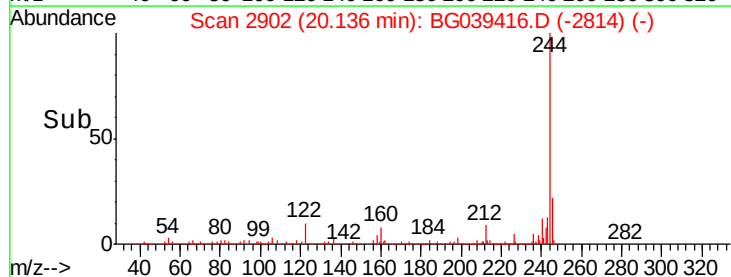
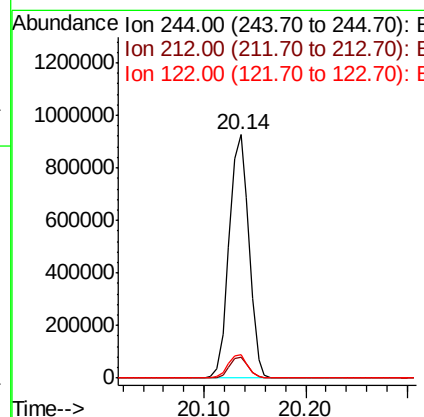
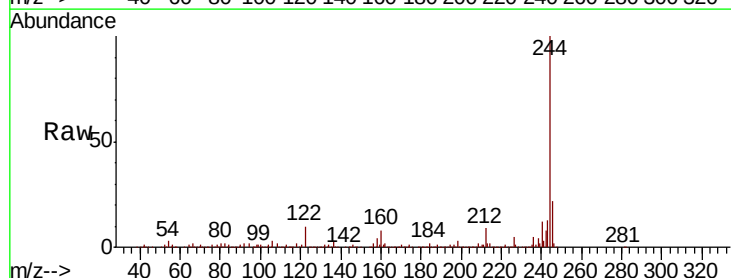
Instrument :
BNA_G
ClientSampleId :
PB116935BL

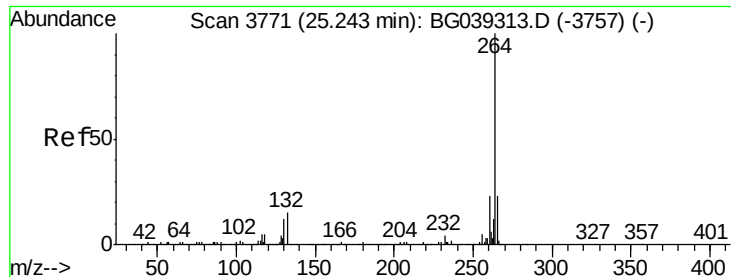
Tgt Ion:240 Resp: 423856
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.0 21.0 31.4



#79
Terphenyl-d14
Concen: 62.608 ng
RT: 20.14 min Scan# 2902
Delta R.T. -0.01 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

Tgt Ion:244 Resp: 1253684
Ion Ratio Lower Upper
244 100
212 8.8 7.3 10.9
122 9.7 8.4 12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG039416.D
Acq: 8 Feb 2019 15:21

Instrument :
BNA_G
ClientSampleId :
PB116935BL

Tgt Ion:	264	Resp:	401517
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.8	18.5	27.7

