

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039383.D
 Acq On : 7 Feb 2019 15:18
 Operator : JU/SJ
 Sample : PB116900BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116900BL

Quant Time: Feb 08 09:12:23 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	49521	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	214503	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	137956	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	338771	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	381396	20.00	ng	-0.01
87) Perylene-d12	25.21	264	377350	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	392653	135.71	ng	0.00
7) Phenol-d6	7.31	99	557651	130.93	ng	0.00
23) Nitrobenzene-d5	9.35	82	316438	92.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	187878	126.47	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	802904	83.49	ng	-0.01
79) Terphenyl-d14	20.14	244	1324407	73.50	ng	-0.01

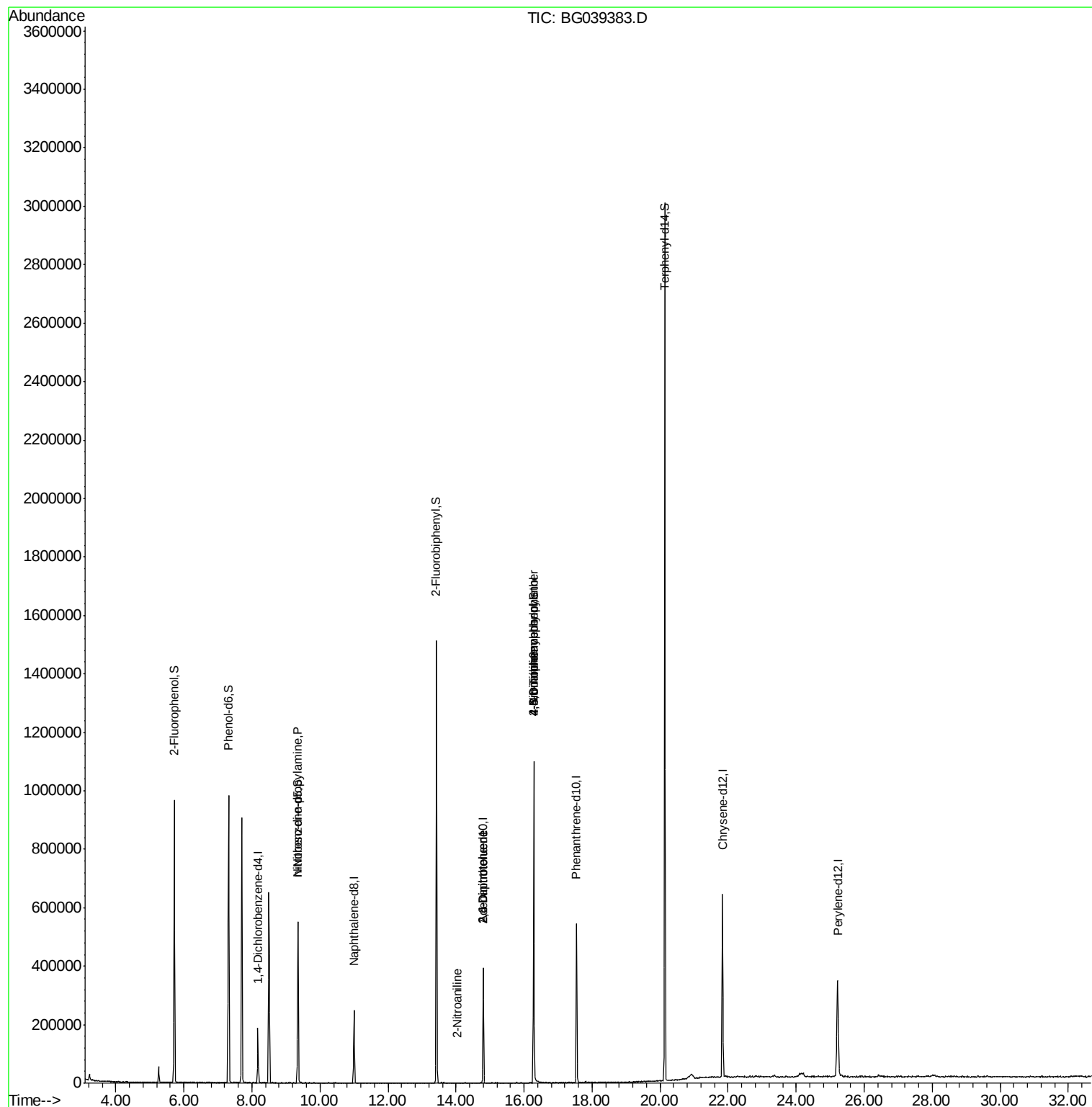
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.31	77	942	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	40690	13.46	ng	69
48) 2-Nitroaniline	14.04	65	54	8.31	ng	10
51) 2,6-Dinitrotoluene	14.80	165	16967	13.59	ng	22
57) 2,4-Dinitrotoluene	14.80	165	16967	13.15	ng	17
62) 4-Nitroaniline	16.28	138	58	4.23	ng	1
65) 4,6-Dinitro-2-methylphenol	16.28	198	515	4.66	ng	1
67) 4-Bromophenyl-phenylether	16.28	248	14803	3.94	ng	1

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

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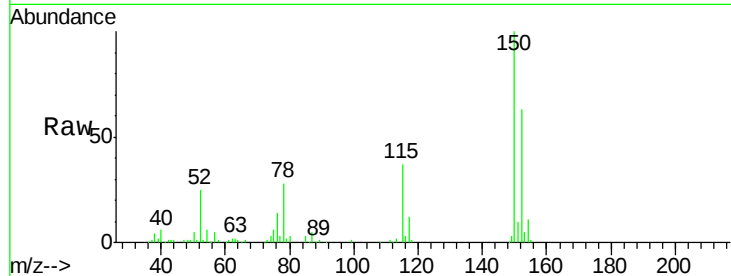


#1

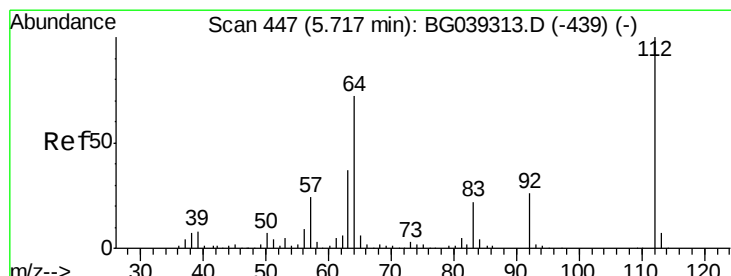
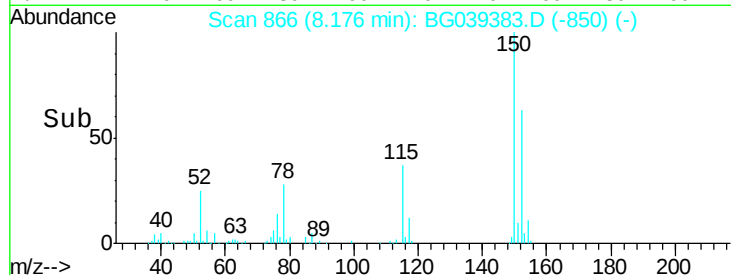
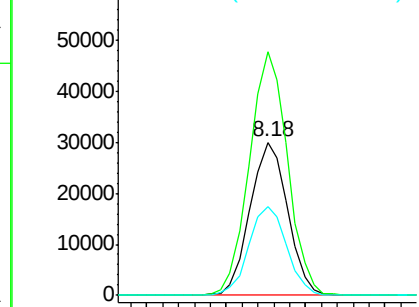
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039383.D
Acq: 7 Feb 2019 15:18

Instrument :
BNA_G
ClientSampleId :
PB116900BL

Tot Ion:152 Resp: 49521
Ion Ratio Lower Upper
152 100
150 158.9 123.7 185.5
115 58.2 45.9 68.9



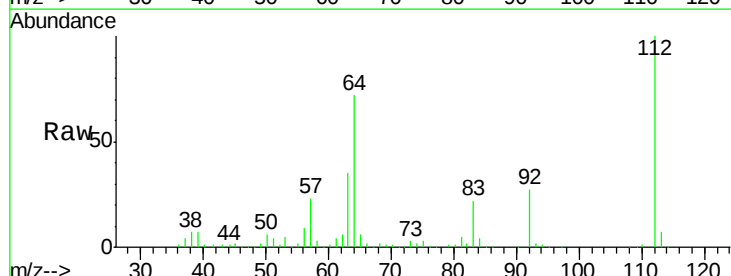
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



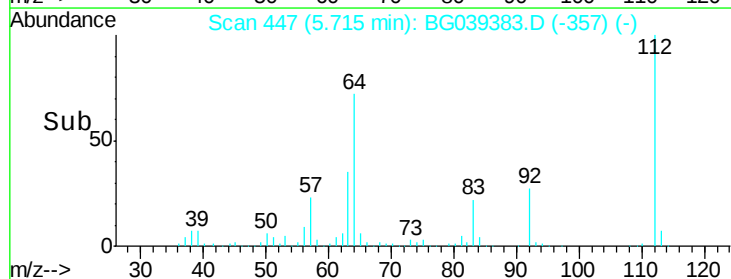
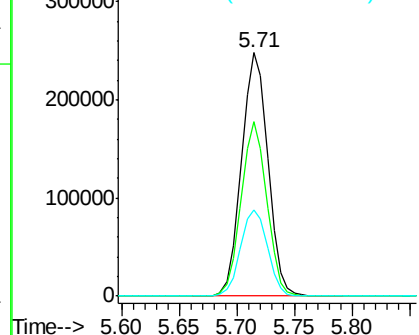
#5

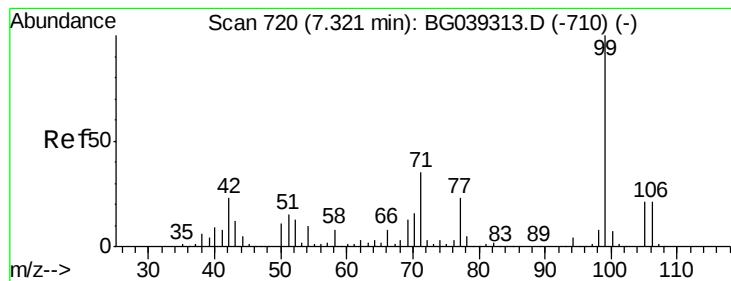
2-Fluorophenol
Concen: 135.71 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039383.D
Acq: 7 Feb 2019 15:18

Tgt Ion:112 Resp: 392653
Ion Ratio Lower Upper
112 100
64 71.6 57.8 86.8
63 35.4 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: 130.93 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039383.D

Acq: 7 Feb 2019 15:18

Instrument :

BNA_G

ClientSampleId :

PB116900BL

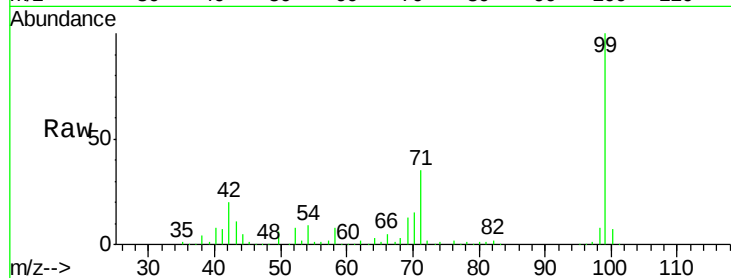
Tot Ion: 99 Resp: 557651

Ion Ratio Lower Upper

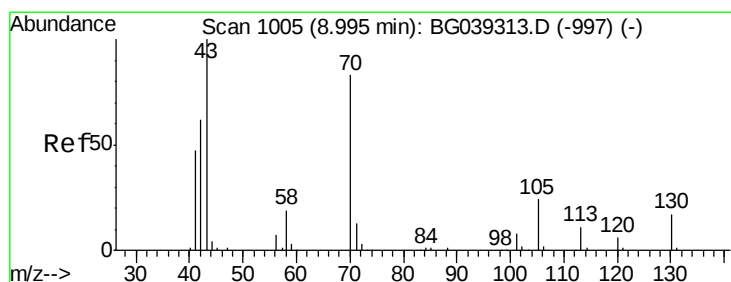
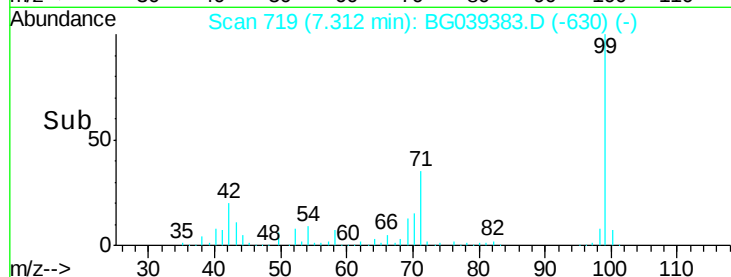
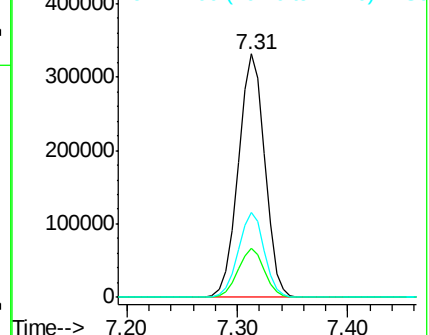
99 100

42 19.9 18.2 27.2

71 34.8 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: 13.46 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039383.D

Acq: 7 Feb 2019 15:18

Tgt Ion: 70 Resp: 40690

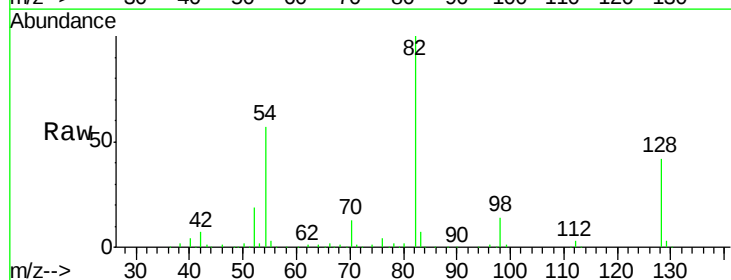
Ion Ratio Lower Upper

70 100

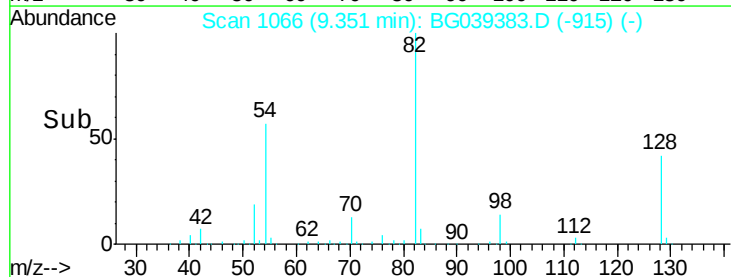
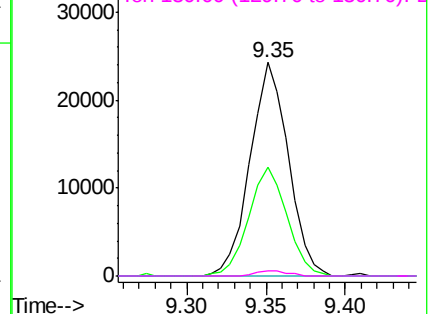
42 51.1 60.4 90.6#

101 0.0 7.5 11.3#

130 2.2 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

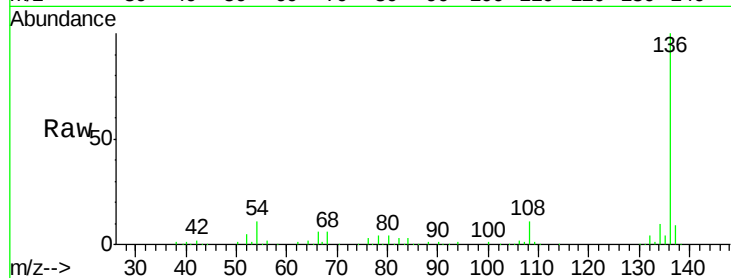




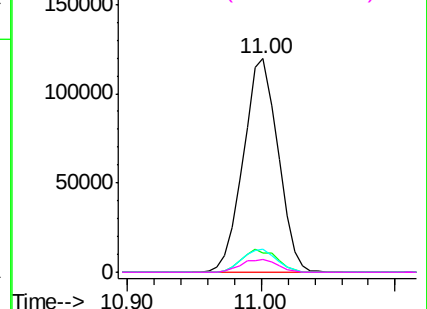
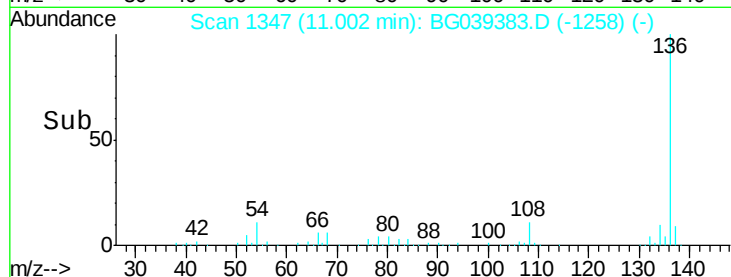
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039383.D
Acq: 7 Feb 2019 15:18

Instrument :
BNA_G
ClientSampleId :
PB116900BL

Tot Ion:136	Resp:	214503
Ion Ratio	Lower	Upper
136	100	
137	9.3	9.1 13.7
54	10.8	9.4 14.2
68	6.1	4.2 6.4

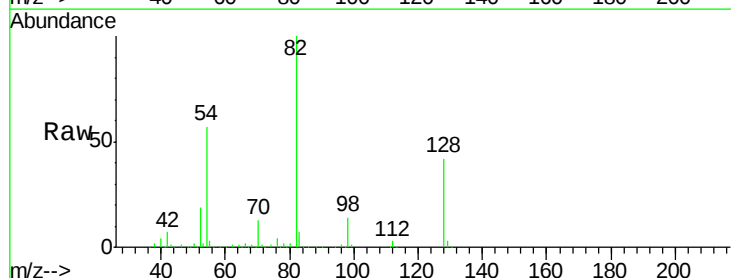


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

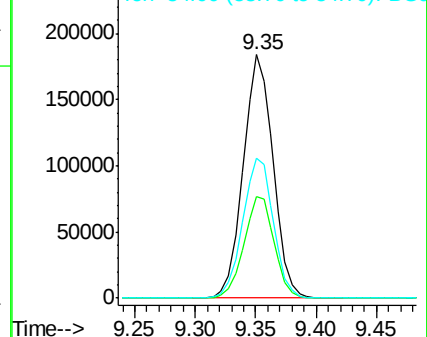
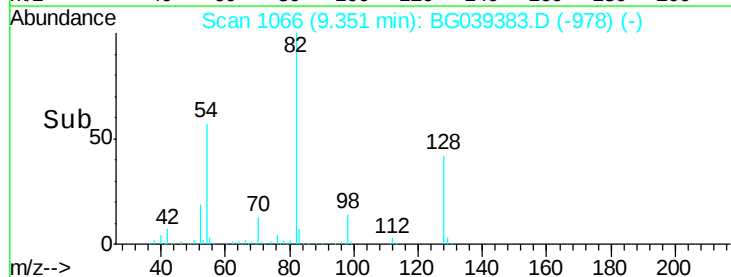


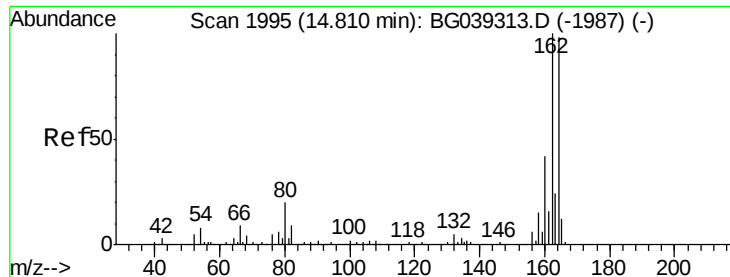
#23
Nitrobenzene-d5
Concen: 92.16 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039383.D
Acq: 7 Feb 2019 15:18

Tgt Ion: 82	Resp:	316438
Ion Ratio	Lower	Upper
82	100	
128	41.8	31.3 46.9
54	57.5	50.9 76.3



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

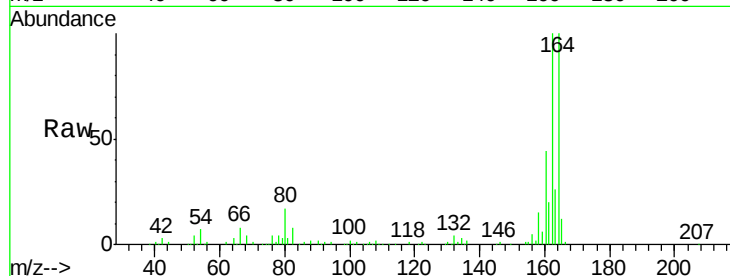




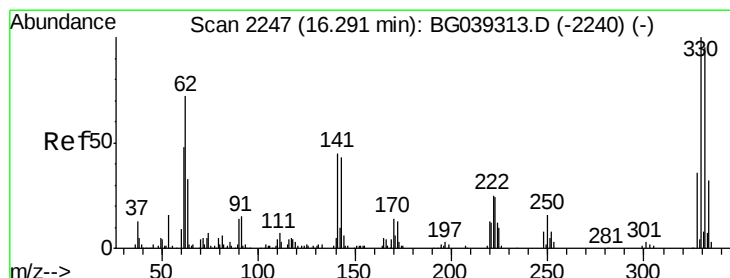
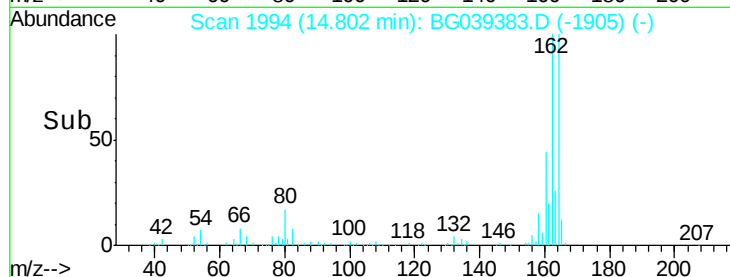
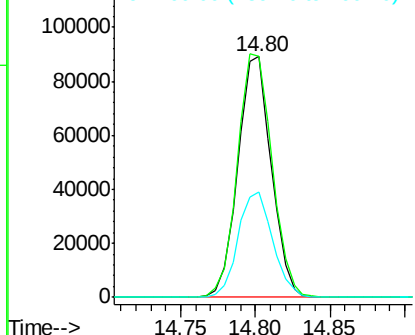
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039383.D
Acq: 7 Feb 2019 15:18

Instrument :
BNA_G
ClientSampleId :
PB116900BL

Tot Ion:164 Resp: 137956
Ion Ratio Lower Upper
164 100
162 100.2 81.6 122.4
160 43.7 34.2 51.2

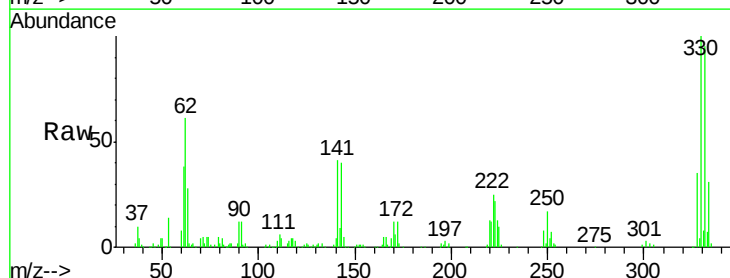


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

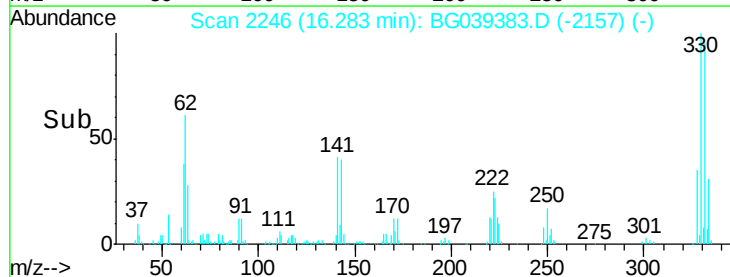
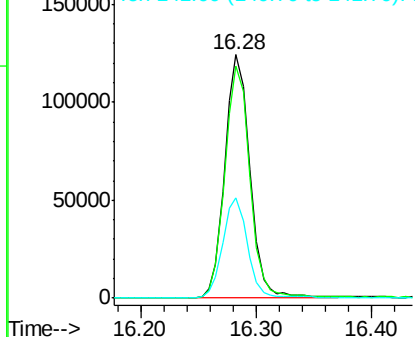


#42
2,4,6-Tribromophenol
Concen: 126.47 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039383.D
Acq: 7 Feb 2019 15:18

Tgt Ion:330 Resp: 187878
Ion Ratio Lower Upper
330 100
332 96.1 75.7 113.5
141 40.8 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

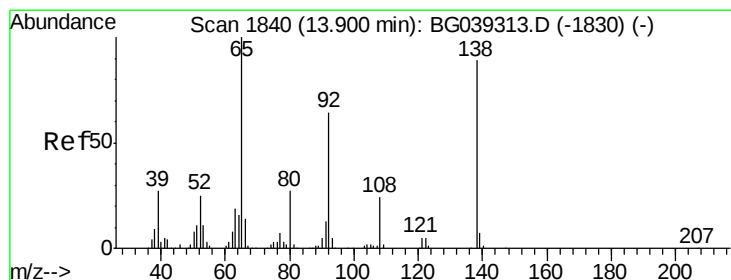
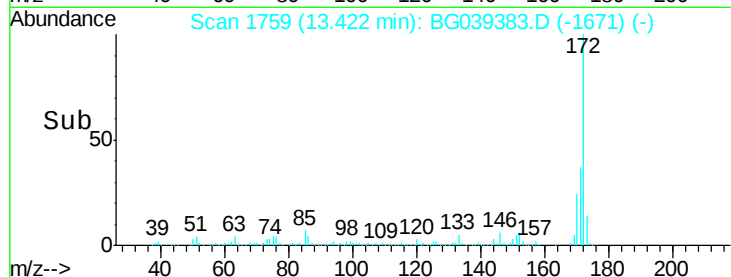
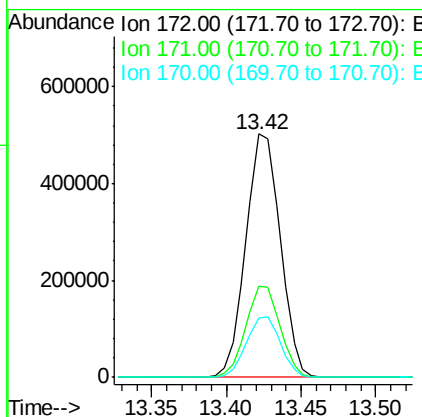
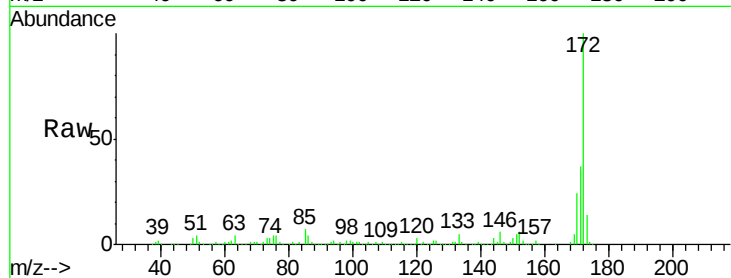




#45
2-Fluorobiphenyl
Concen: 83.49 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039383.D
Acq: 7 Feb 2019 15:18

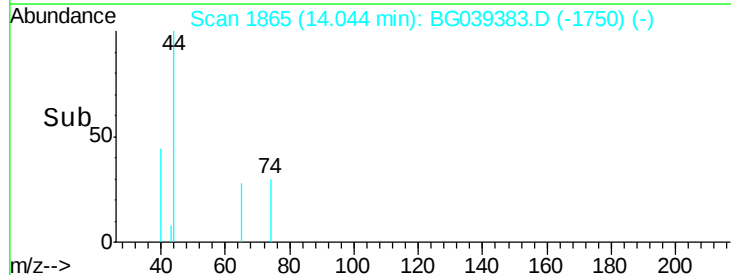
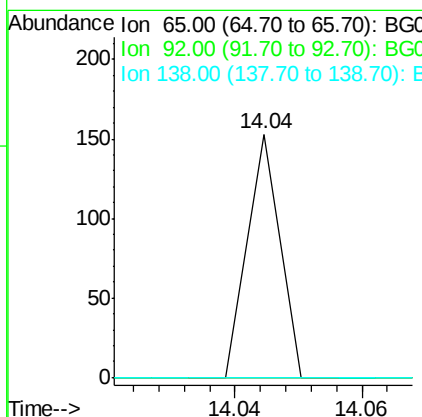
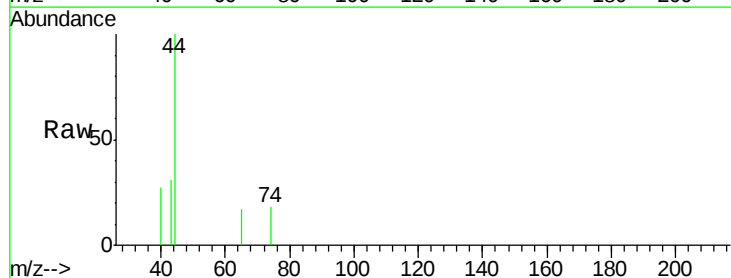
Instrument :
BNA_G
ClientSampleId :
PB116900BL

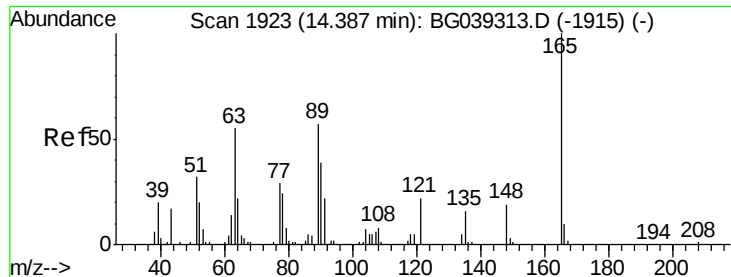
Tot Ion:172 Resp: 802904
Ion Ratio Lower Upper
172 100
171 37.5 30.8 46.2
170 24.1 20.2 30.4



#48
2-Nitroaniline
Concen: 8.31 ng
RT: 14.04 min Scan# 1865
Delta R.T. 0.15 min
Lab File: BG039383.D
Acq: 7 Feb 2019 15:18

Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 51.4 77.2#
138 0.0 71.4 107.2#





#51

2,6-Dinitrotoluene

Concen: 13.59 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.42 min

Lab File: BG039383.D

Acq: 7 Feb 2019 15:18

Instrument :

BNA_G

ClientSampleId :

PB116900BL

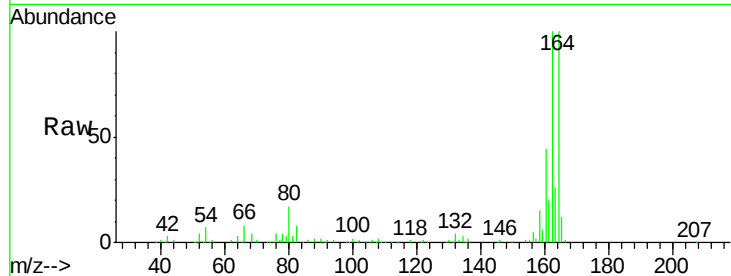
Tot Ion:165 Resp: 16967

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

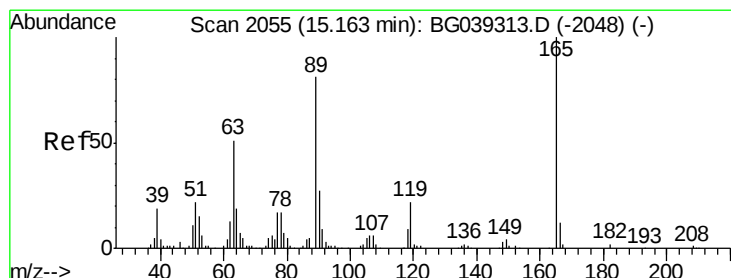
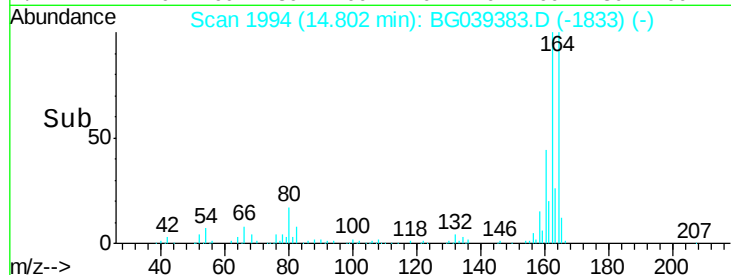
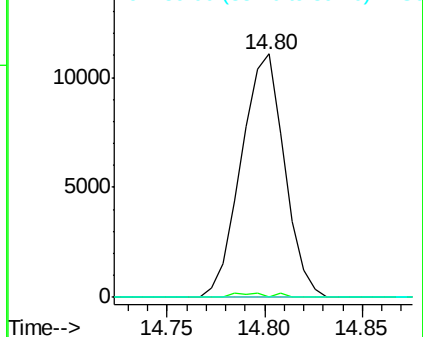
89 0.0 45.8 68.8#



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



#57

2,4-Dinitrotoluene

Concen: 13.15 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.36 min

Lab File: BG039383.D

Acq: 7 Feb 2019 15:18

Tgt Ion:165 Resp: 16967

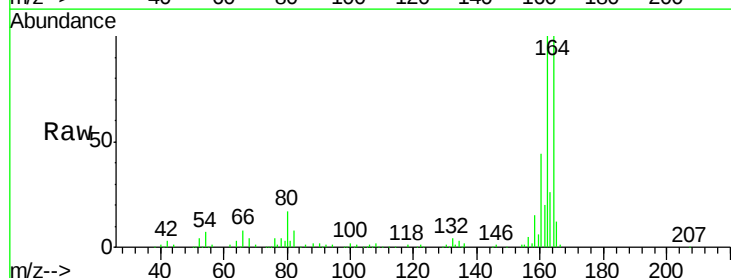
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#

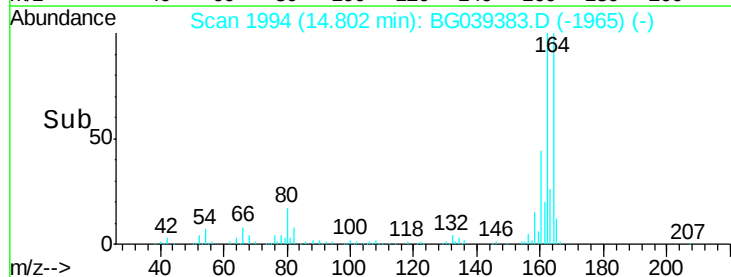
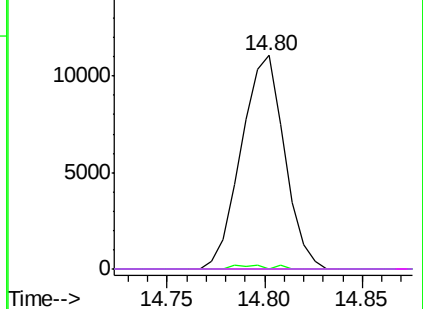


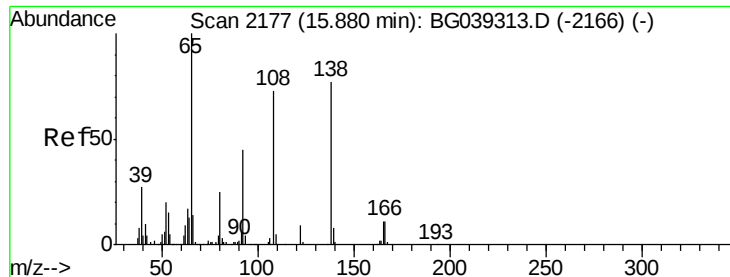
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

4-Nitroaniline

Concen: 4.23 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.40 min

Lab File: BG039383.D

Acq: 7 Feb 2019 15:18

Instrument :

BNA_G

ClientSampleId :

PB116900BL

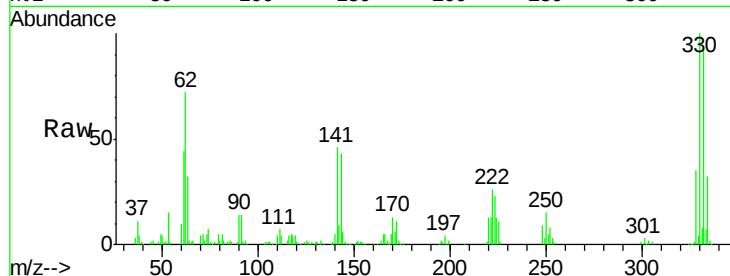
Tot Ion:138 Resp: 58

Ion Ratio Lower Upper

138 100

92 849.1 38.7 78.7#

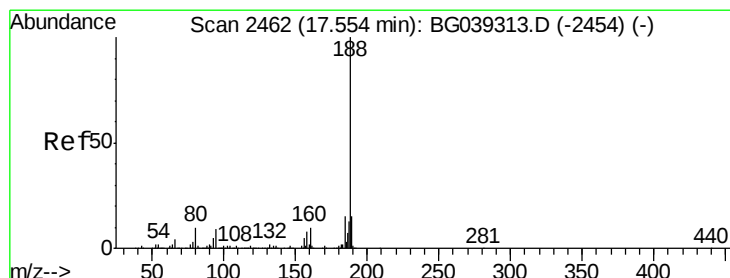
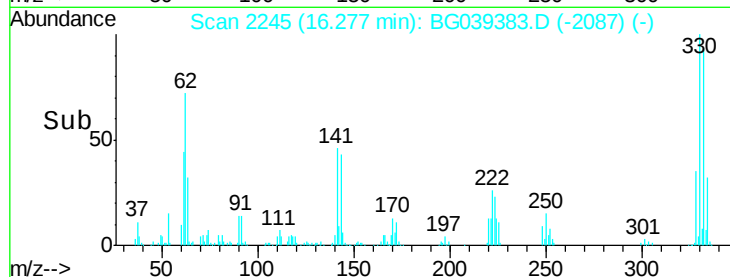
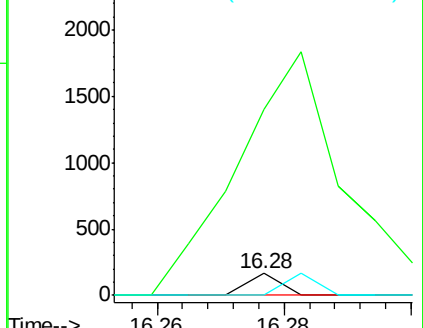
108 0.0 74.6 114.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039383.D

Acq: 7 Feb 2019 15:18

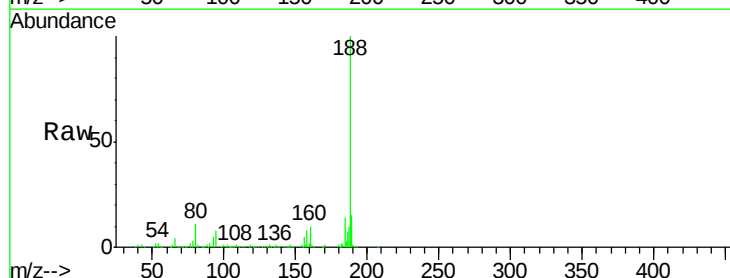
Tgt Ion:188 Resp: 338771

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

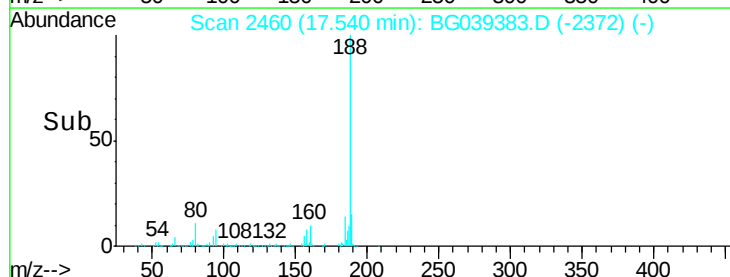
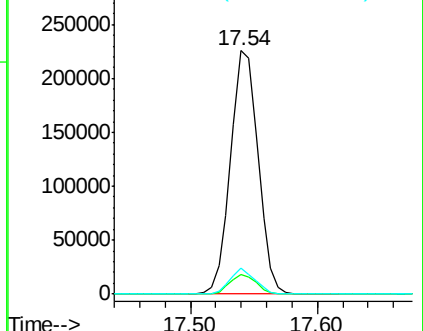
80 10.6 8.1 12.1

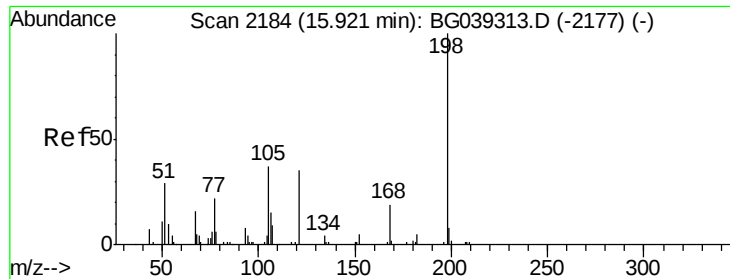


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

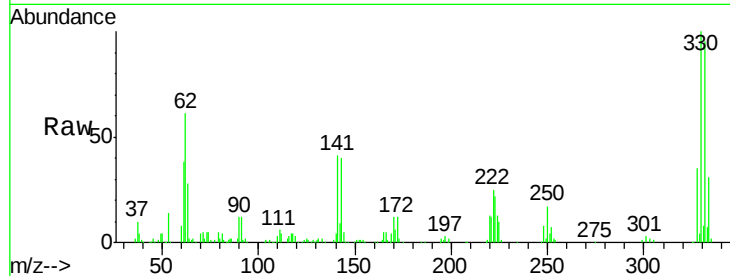




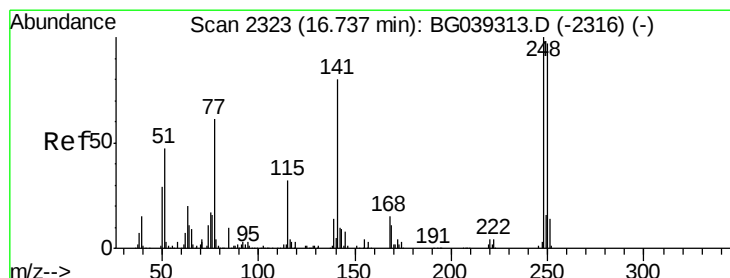
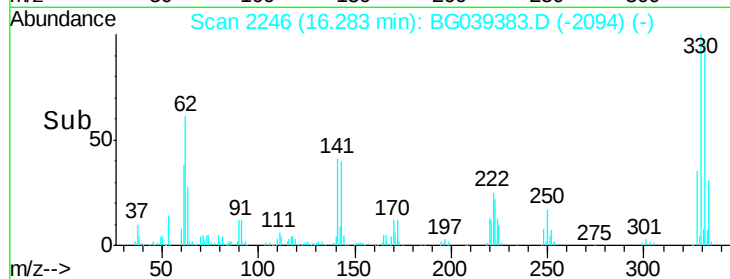
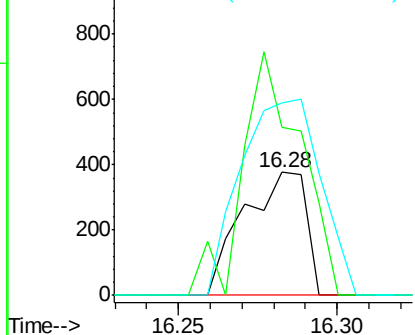
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.66 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. 0.36 min
 Lab File: BG039383.D
 Acq: 7 Feb 2019 15:18

Instrument :
 BNA_G
 ClientSampleId :
 PB116900BL

Tot Ion:198 Resp: 515
 Ion Ratio Lower Upper
 198 100
 51 136.9 27.4 67.4#
 105 156.0 19.7 59.7#

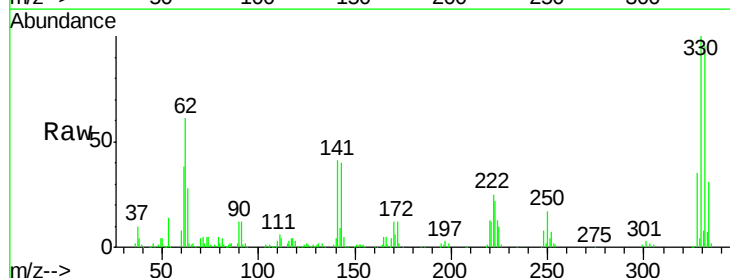


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

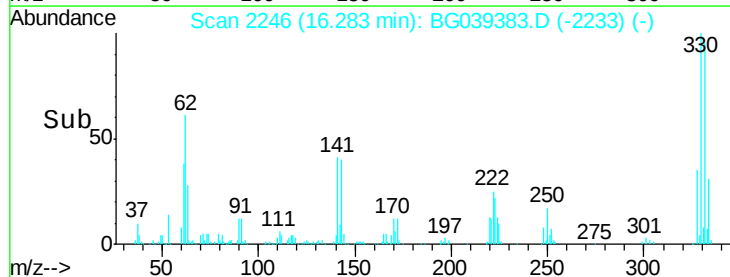
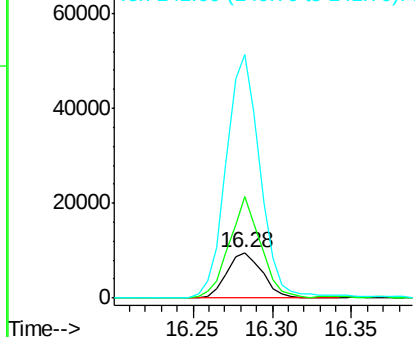


#67
 4-Bromophenyl-phenylether
 Concen: 3.94 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.45 min
 Lab File: BG039383.D
 Acq: 7 Feb 2019 15:18

Tgt Ion:248 Resp: 14803
 Ion Ratio Lower Upper
 248 100
 250 222.5 77.6 116.4#
 141 531.9 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: 20.00 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039383.D

Acq: 7 Feb 2019 15:18

Instrument :

BNA_G

ClientSampleId :

PB116900BL

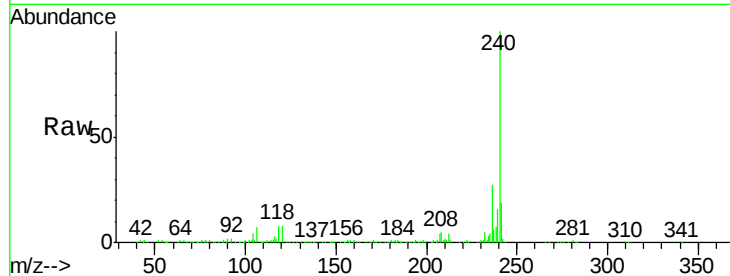
Tot Ion:240 Resp: 381396

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

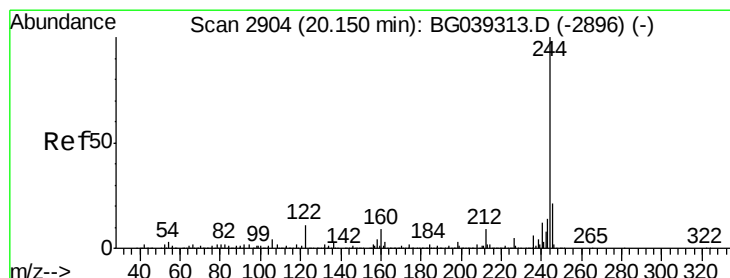
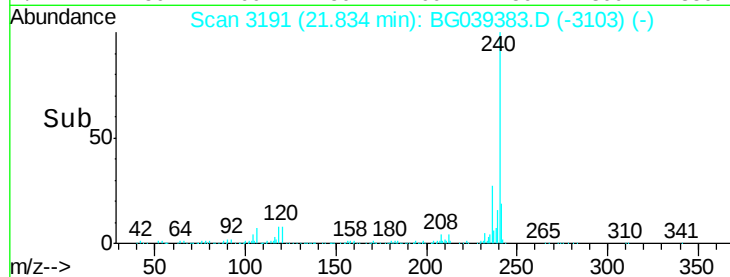
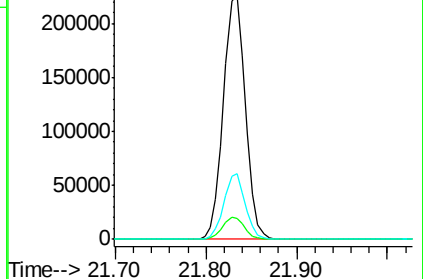
236 27.1 21.0 31.4



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: 73.50 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039383.D

Acq: 7 Feb 2019 15:18

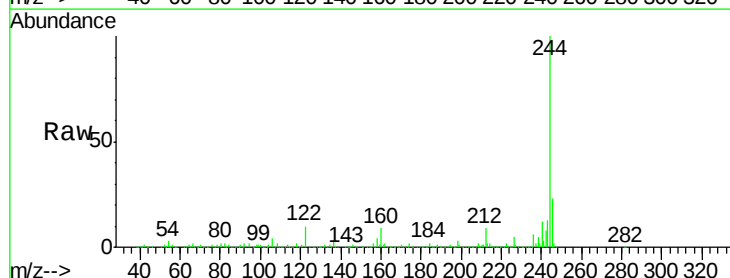
Tgt Ion:244 Resp: 1324407

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

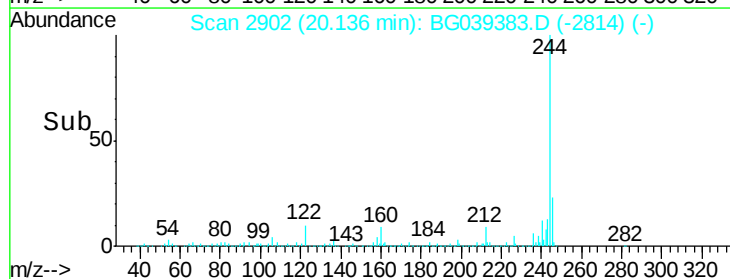
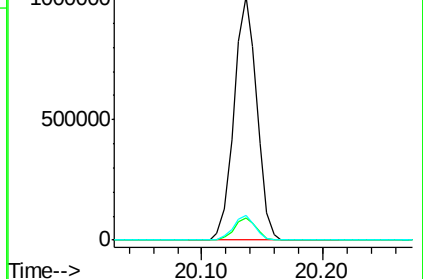
122 10.2 8.4 12.6

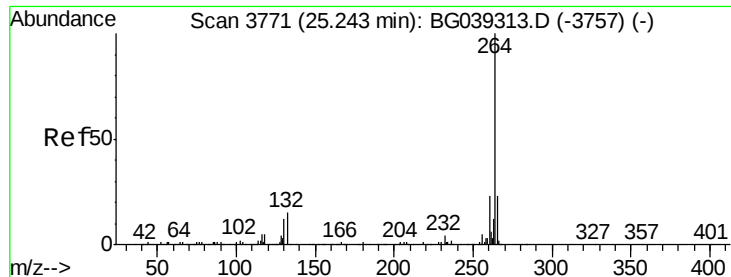


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3766
Delta R.T. -0.03 min
Lab File: BG039383.D
Acq: 7 Feb 2019 15:18

Instrument :
BNA_G
ClientSampleId :
PB116900BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.5	18.5	27.7

