

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
 Data File : BG039601.D
 Acq On : 26 Feb 2019 15:23
 Operator : JU/SJ
 Sample : PB117389BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117389BL

Quant Time: Feb 26 23:57:59 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

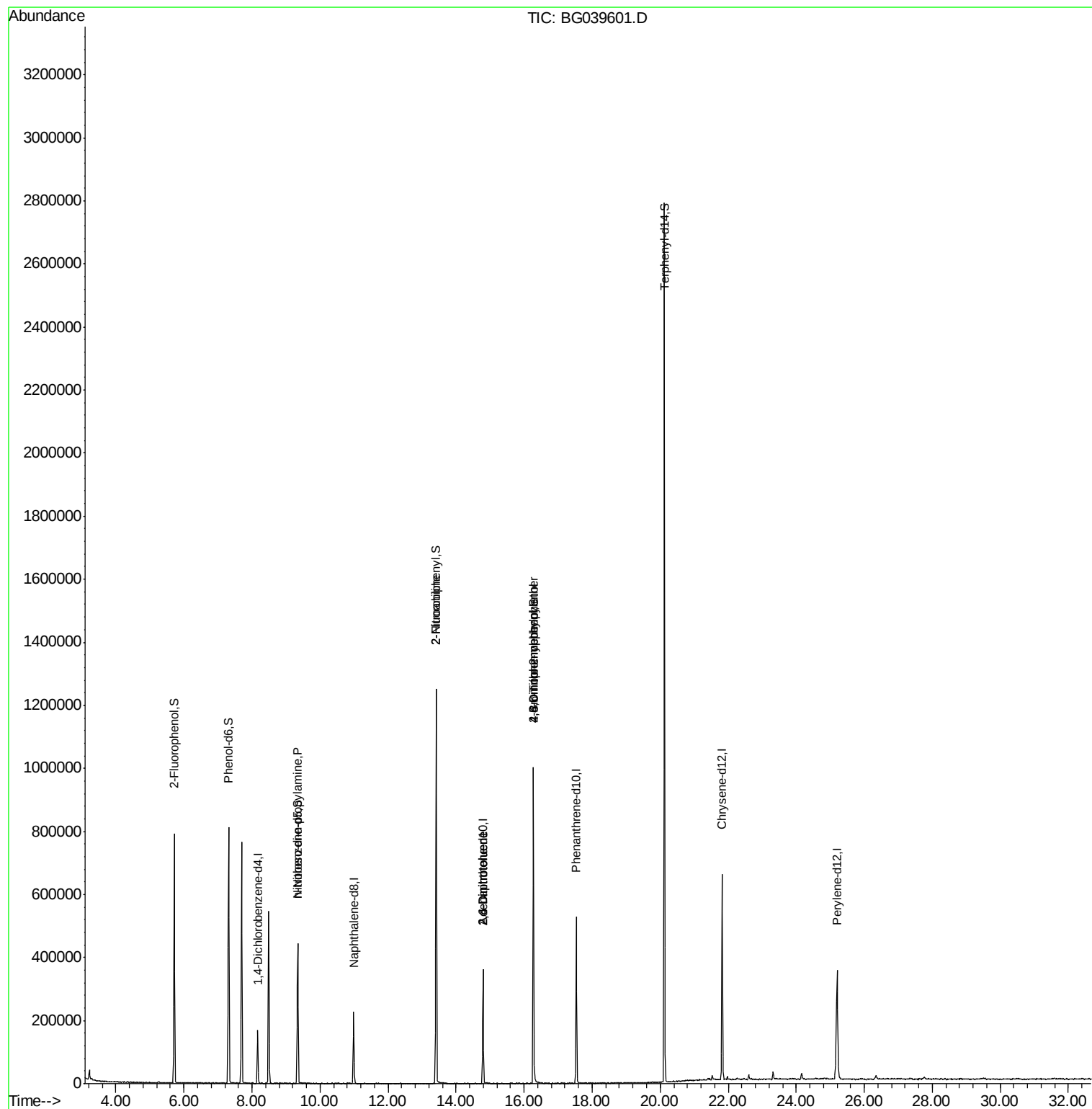
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	47225	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	192052	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	128213	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	339070	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	404776	20.00	ng	-0.03
87) Perylene-d12	25.20	264	397151	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	329478	119.41	ng	0.00
7) Phenol-d6	7.31	99	467700	115.15	ng	0.00
23) Nitrobenzene-d5	9.34	82	268721	87.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	177571	128.62	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	676344	75.67	ng	-0.02
79) Terphenyl-d14	20.12	244	1305562	68.27	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.31	77	788	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.34	70	34112	11.833 ng	#	4
48) 2-Nitroaniline	13.41	65	1050	8.673 ng	#	5
51) 2,6-Dinitrotoluene	14.79	165	15660	13.545 ng	#	22
57) 2,4-Dinitrotoluene	14.79	165	15660	13.112 ng	#	17
65) 4,6-Dinitro-2-methylphenol	16.27	198	572	4.715 ng	#	1
67) 4-Bromophenyl-phenylether	16.28	248	13795	3.667 ng	#	1

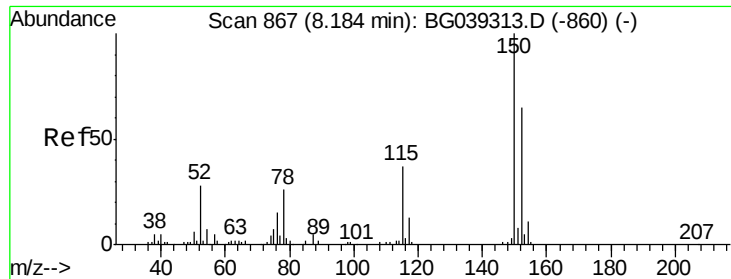
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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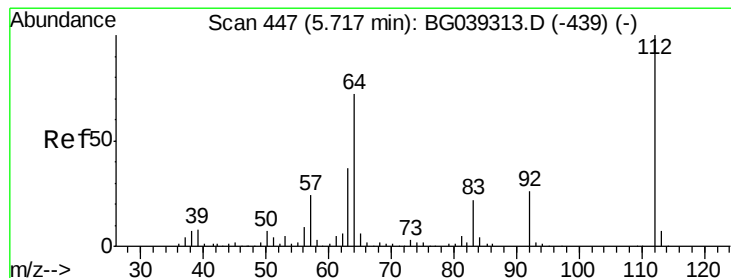
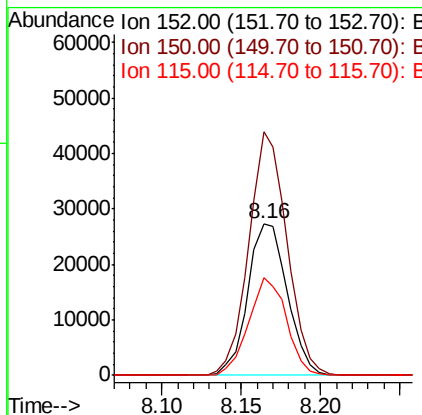
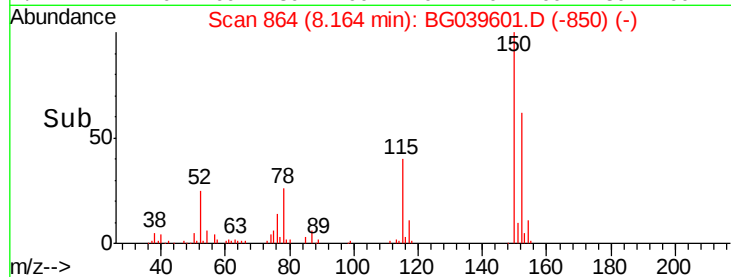
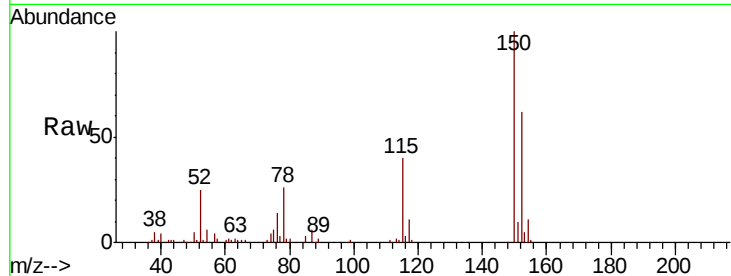


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BG039601.D
 Acq: 26 Feb 2019 15:23

Instrument :
 BNA_G
 ClientSampleId :
 PB117389BL

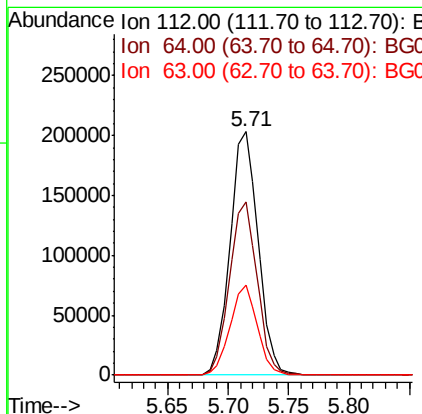
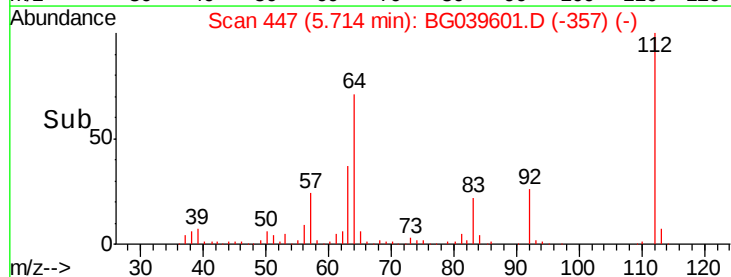
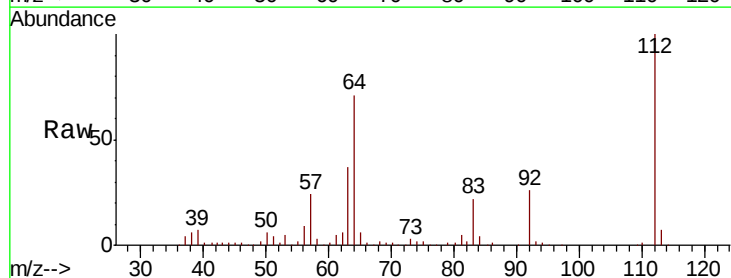
Tgt Ion:152 Resp: 47225
 Ion Ratio Lower Upper
 152 100
 150 160.2 123.7 185.5
 115 64.5 45.9 68.9



#5

2-Fluorophenol
 Concen: 119.408 ng
 RT: 5.71 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BG039601.D
 Acq: 26 Feb 2019 15:23

Tgt Ion:112 Resp: 329478
 Ion Ratio Lower Upper
 112 100
 64 71.1 57.8 86.8
 63 37.0 29.8 44.6





#7

Phenol-d6

Concen: 115.153 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039601.D

Acq: 26 Feb 2019 15:23

Instrument :

BNA_G

ClientSampleId :

PB117389BL

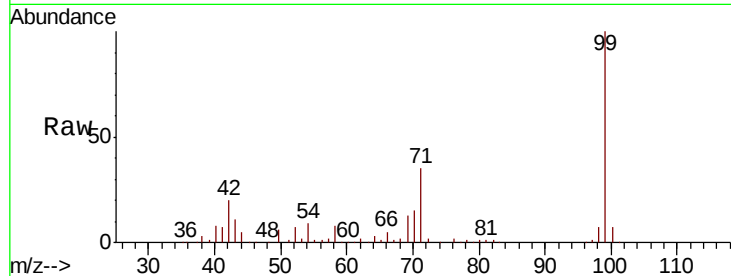
Tgt Ion: 99 Resp: 467700

Ion Ratio Lower Upper

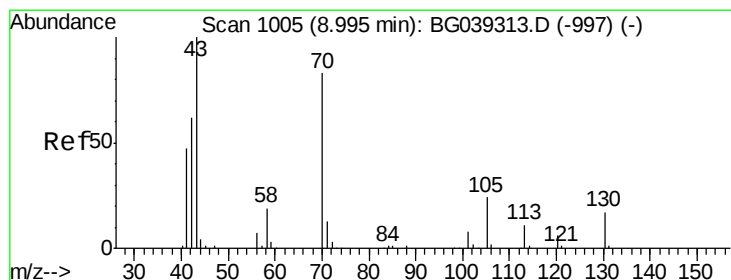
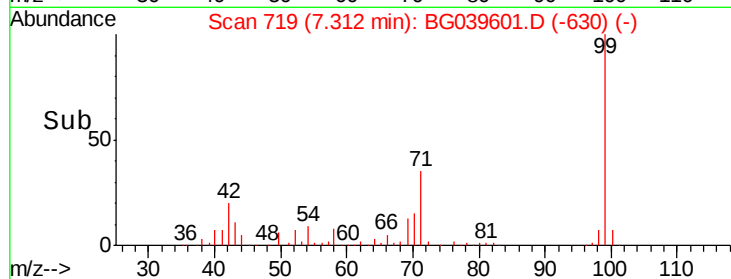
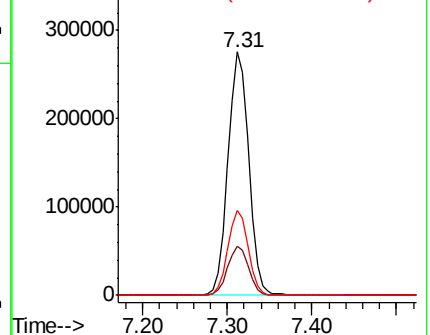
99 100

42 20.1 18.2 27.2

71 34.7 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: 11.833 ng

RT: 9.34 min Scan# 1065

Delta R.T. 0.35 min

Lab File: BG039601.D

Acq: 26 Feb 2019 15:23

Tgt Ion: 70 Resp: 34112

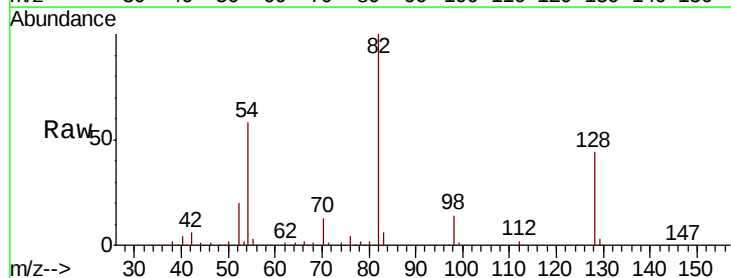
Ion Ratio Lower Upper

70 100

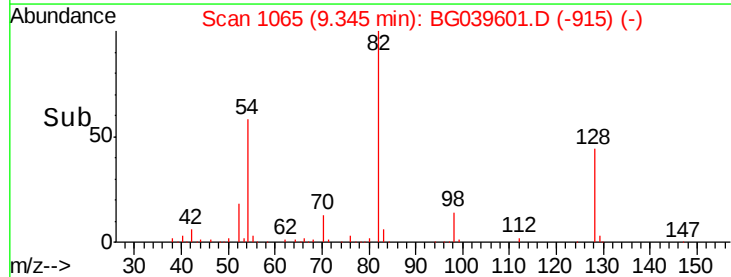
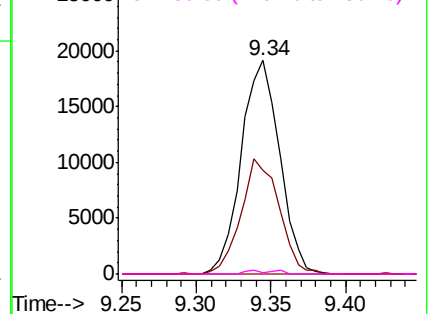
42 48.8 60.4 90.6#

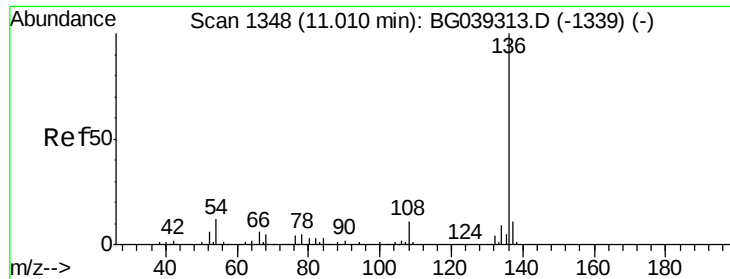
101 0.0 7.5 11.3#

130 0.9 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

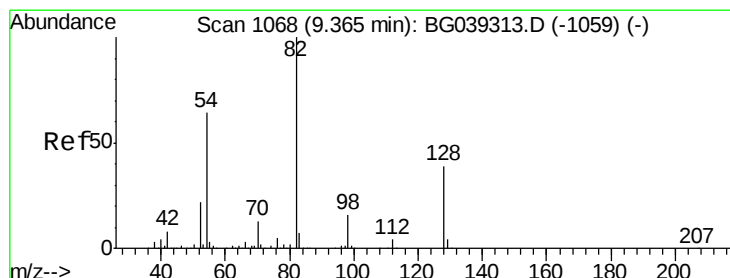
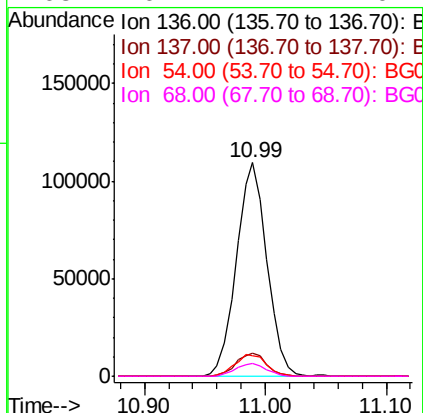
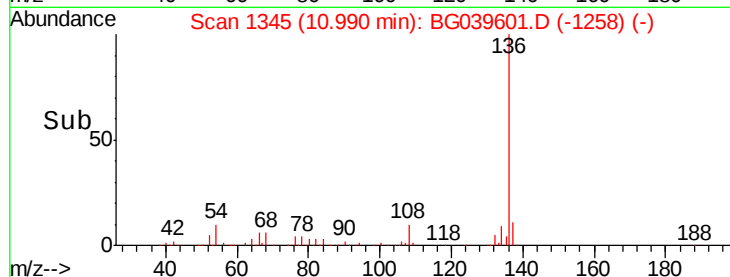
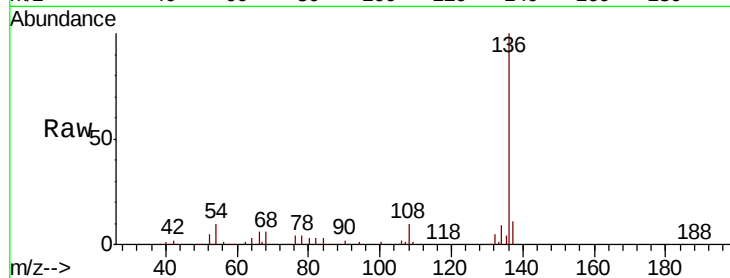




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039601.D
Acq: 26 Feb 2019 15:23

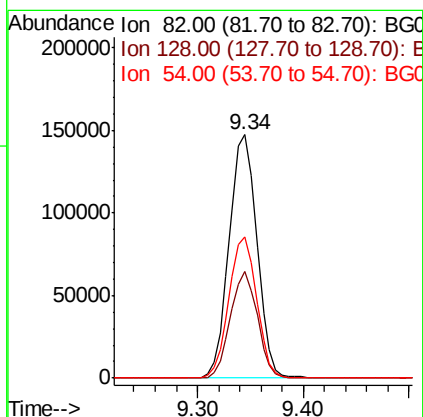
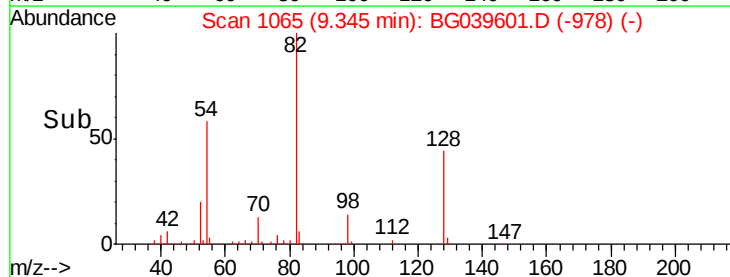
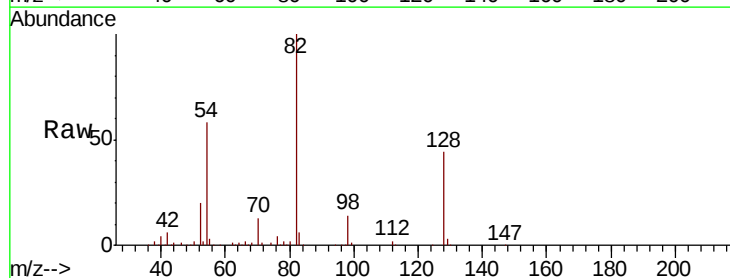
Instrument :
BNA_G
ClientSampleId :
PB117389BL

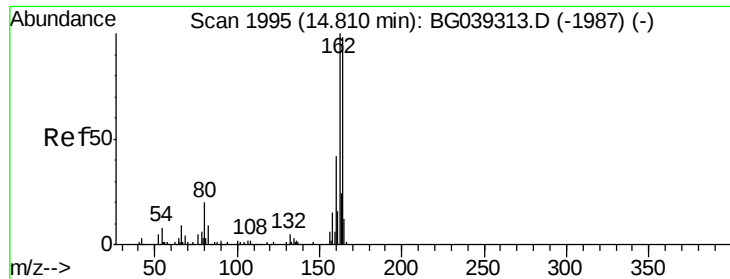
Tgt Ion:	136	Resp:	192052
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.6	9.4	14.2
68	6.2	4.2	6.4



#23
Nitrobenzene-d5
Concen: 87.411 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039601.D
Acq: 26 Feb 2019 15:23

Tgt Ion:	82	Resp:	268721
Ion	Ratio	Lower	Upper
82	100		
128	44.0	31.3	46.9
54	58.1	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039601.D

Acq: 26 Feb 2019 15:23

Instrument :

BNA_G

ClientSampleId :

PB117389BL

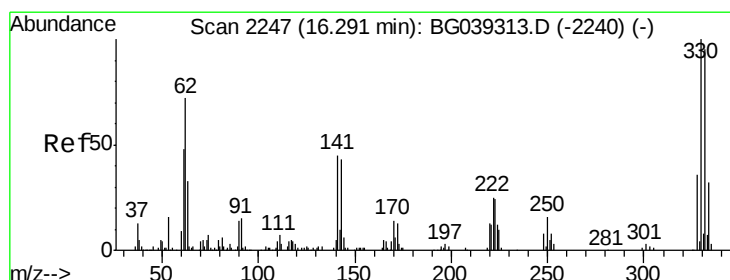
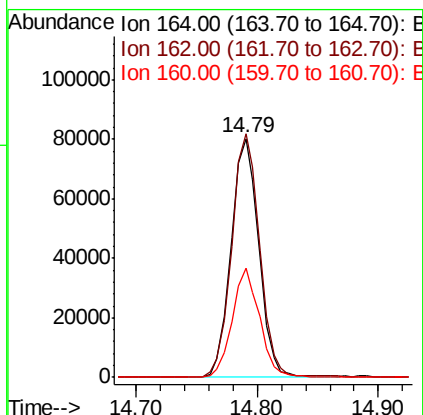
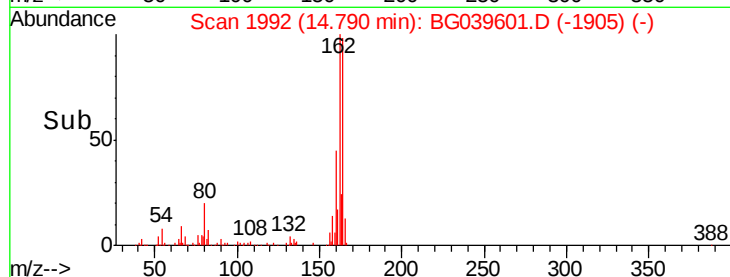
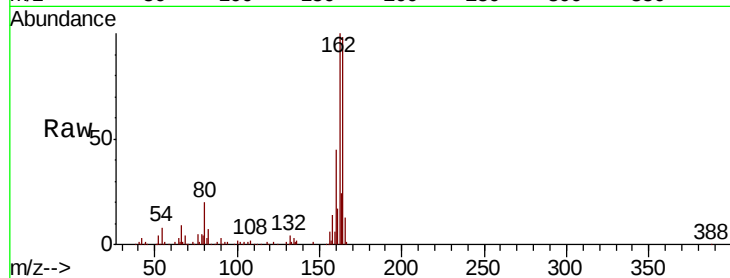
Tgt Ion:164 Resp: 128213

Ion Ratio Lower Upper

164 100

162 102.1 81.6 122.4

160 45.6 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 128.616 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039601.D

Acq: 26 Feb 2019 15:23

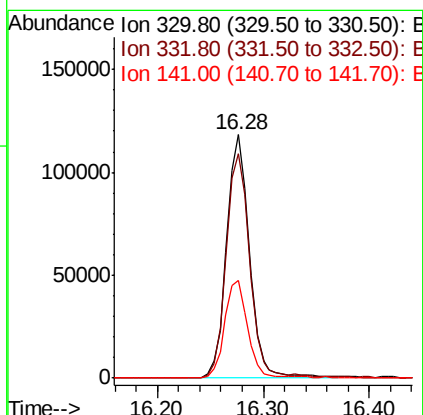
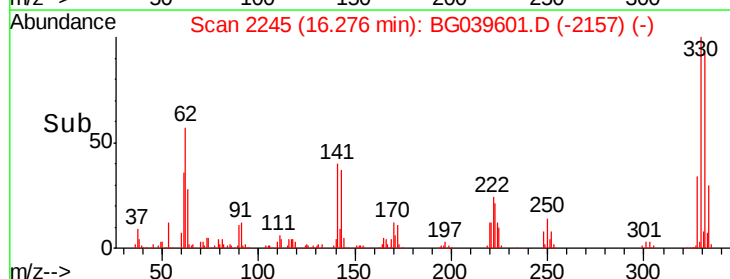
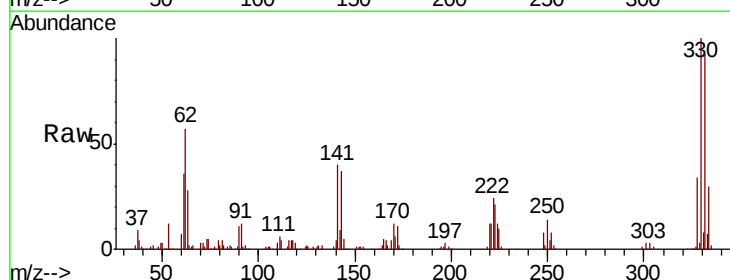
Tgt Ion:330 Resp: 177571

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

141 40.7 35.6 53.4

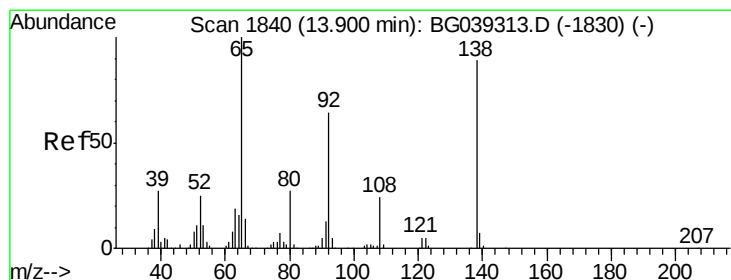
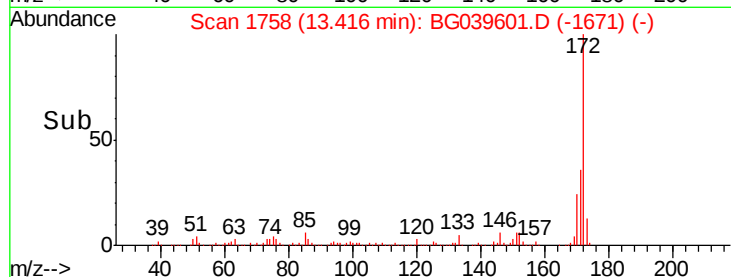
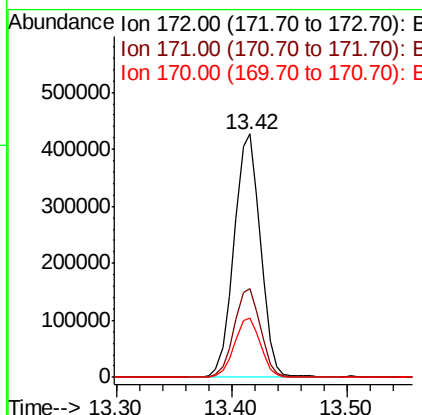
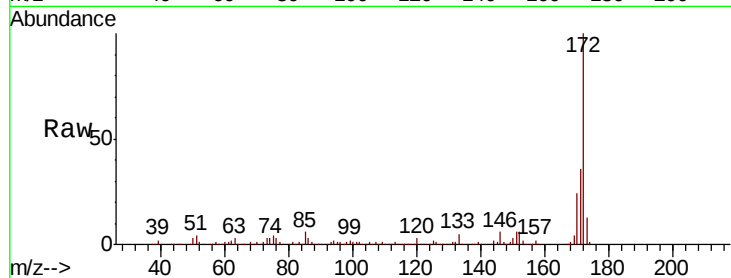




#45
2-Fluorobiphenyl
Concen: 75.675 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039601.D
Acq: 26 Feb 2019 15:23

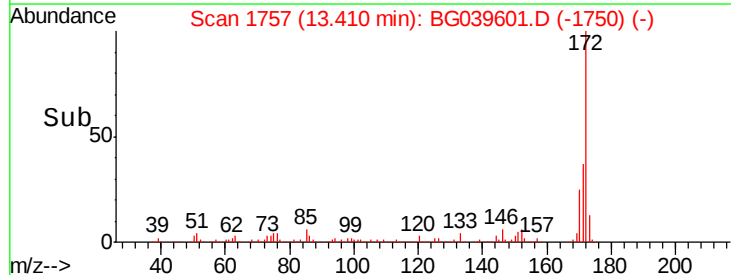
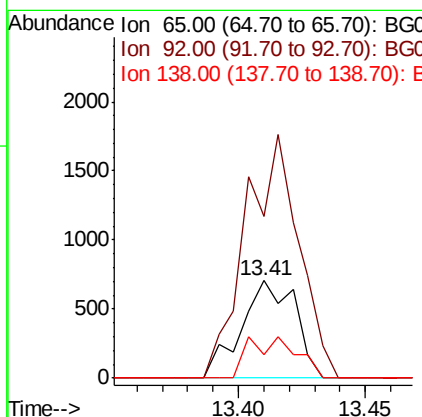
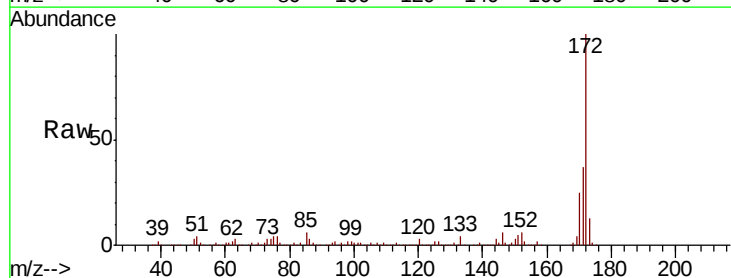
Instrument :
BNA_G
ClientSampled :
PB117389BL

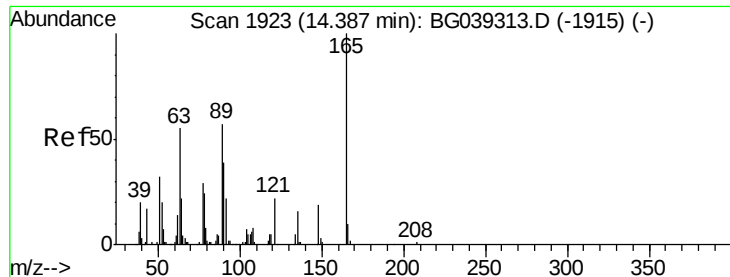
Tgt Ion: 172 Resp: 676344
Ion Ratio Lower Upper
172 100
171 36.5 30.8 46.2
170 24.5 20.2 30.4



#48
2-Nitroaniline
Concen: 8.673 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.49 min
Lab File: BG039601.D
Acq: 26 Feb 2019 15:23

Tgt Ion: 65 Resp: 1050
Ion Ratio Lower Upper
65 100
92 166.7 51.4 77.2#
138 24.1 71.4 107.2#

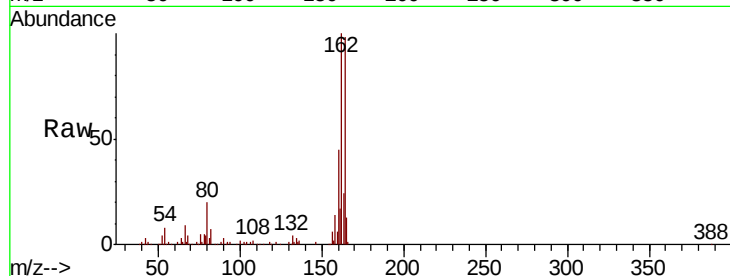




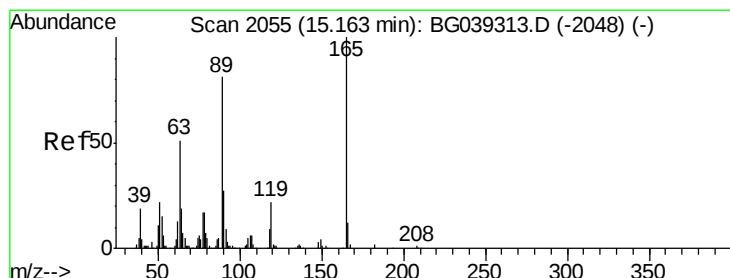
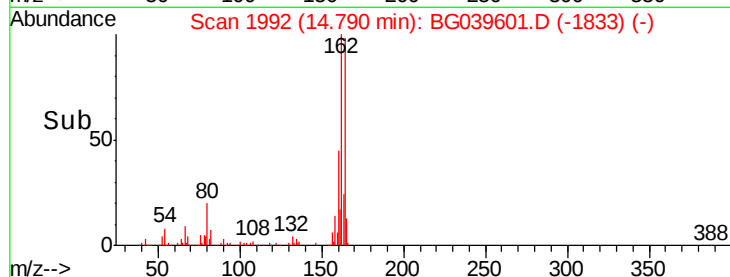
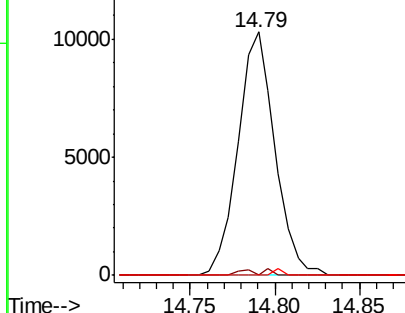
#51
 2,6-Dinitrotoluene
 Concen: 13.545 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. 0.40 min
 Lab File: BG039601.D
 Acq: 26 Feb 2019 15:23

Instrument :
 BNA_G
 ClientSampleId :
 PB117389BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	0.0	45.8	68.8#

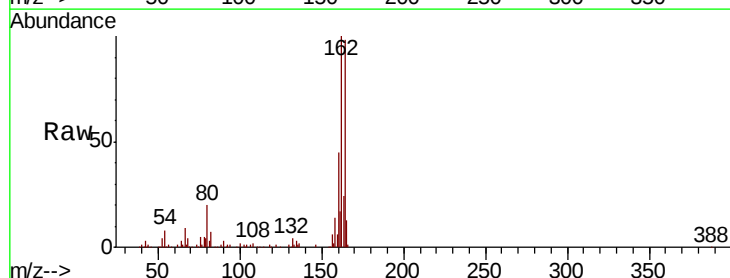


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

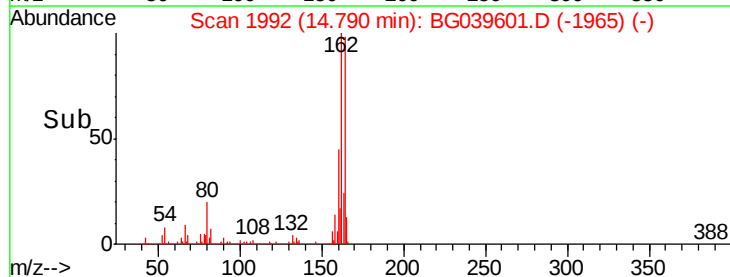
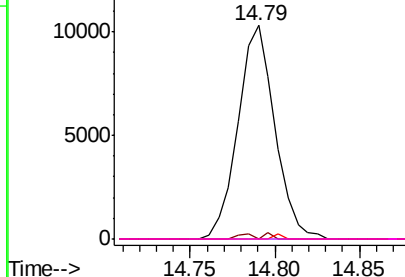


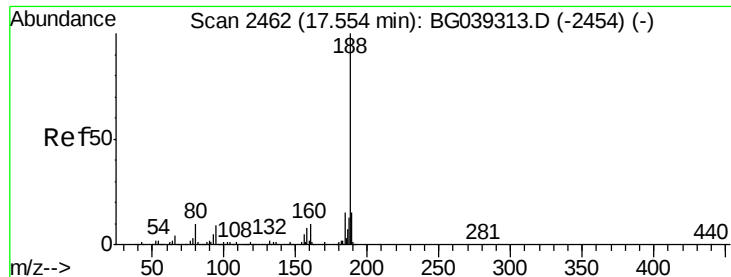
#57
 2,4-Dinitrotoluene
 Concen: 13.112 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.37 min
 Lab File: BG039601.D
 Acq: 26 Feb 2019 15:23

Tgt 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039601.D

Acq: 26 Feb 2019 15:23

Instrument :

BNA_G

ClientSampleId :

PB117389BL

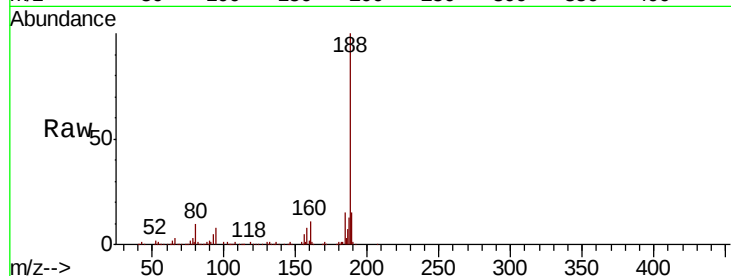
Tgt Ion:188 Resp: 339070

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

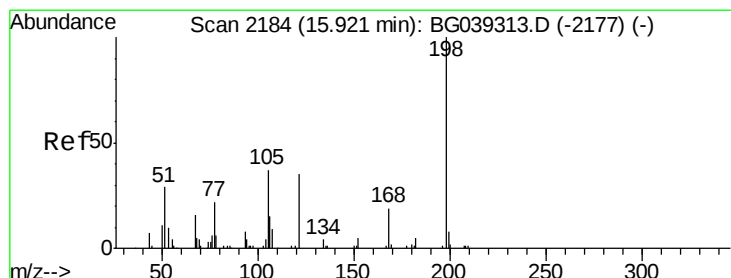
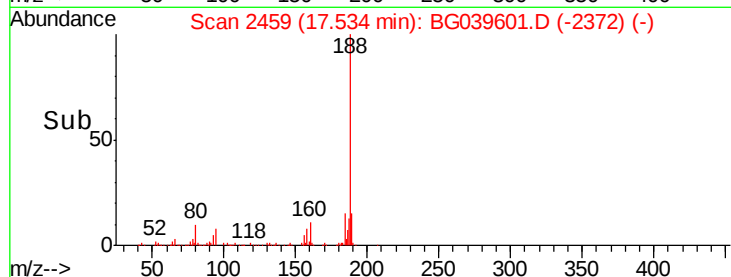
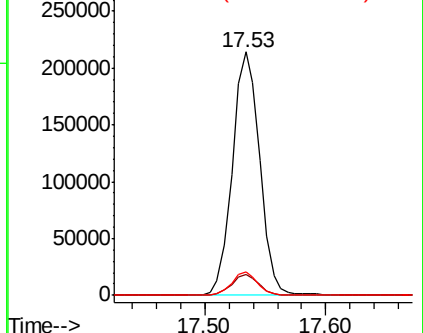
80 9.7 8.1 12.1



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: 4.715 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.35 min

Lab File: BG039601.D

Acq: 26 Feb 2019 15:23

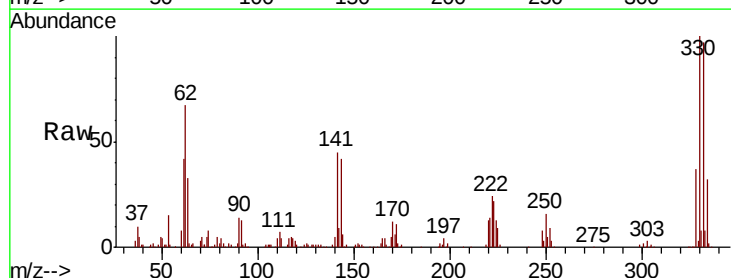
Tgt Ion:198 Resp: 572

Ion Ratio Lower Upper

198 100

51 142.0 27.4 67.4#

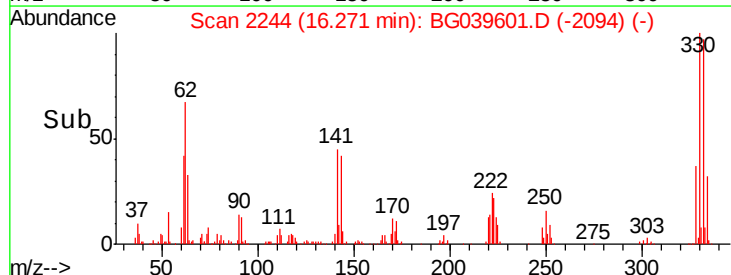
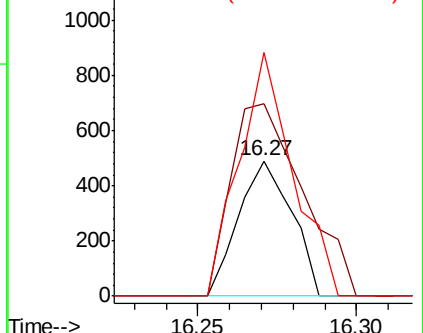
105 180.0 19.7 59.7#

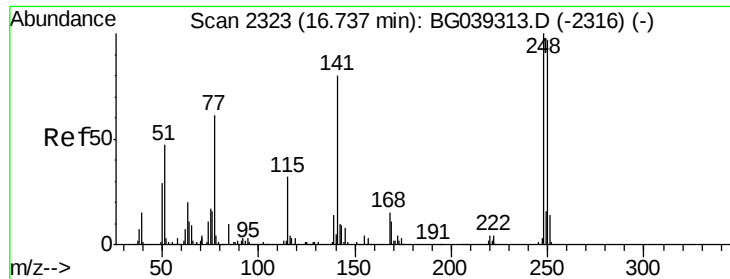


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

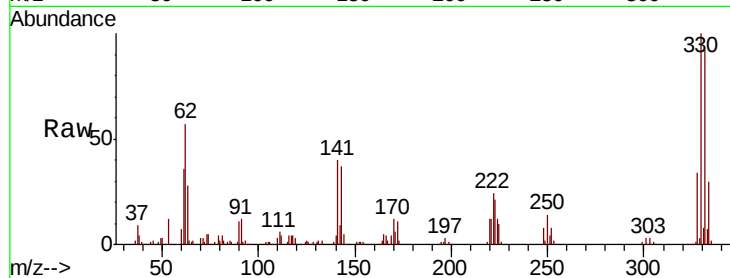




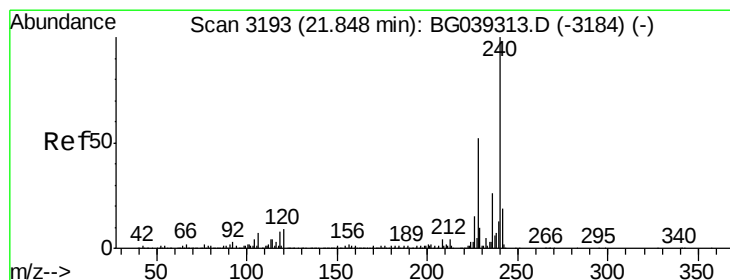
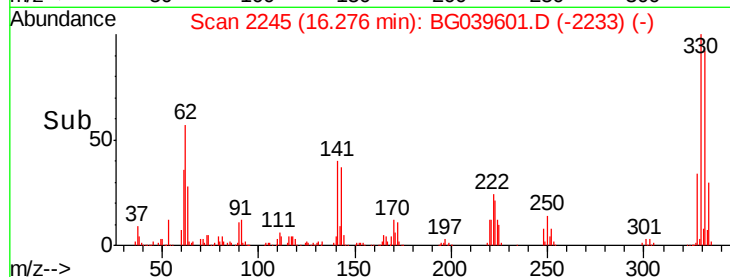
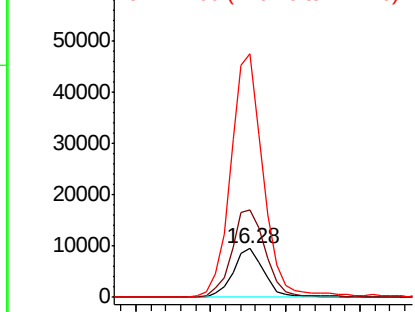
#67
 4-Bromophenyl-phenylether
 Concen: 3.667 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.46 min
 Lab File: BG039601.D
 Acq: 26 Feb 2019 15:23

Instrument :
 BNA_G
 ClientSampleId :
 PB117389BL

Tgt Ion:248 Resp: 13795
 Ion Ratio Lower Upper
 248 100
 250 179.4 77.6 116.4#
 141 501.3 63.9 95.9#

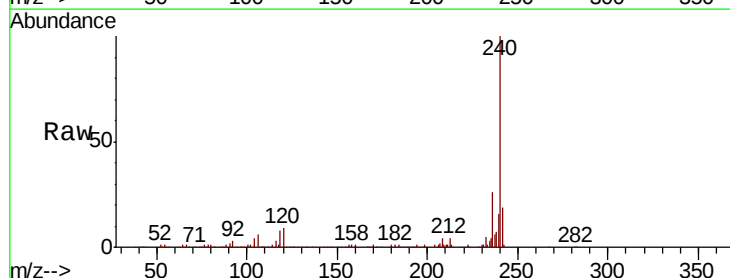


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

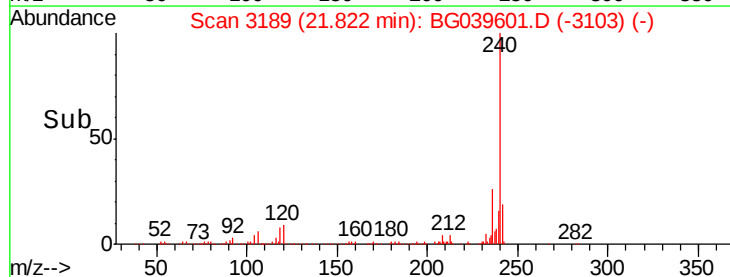
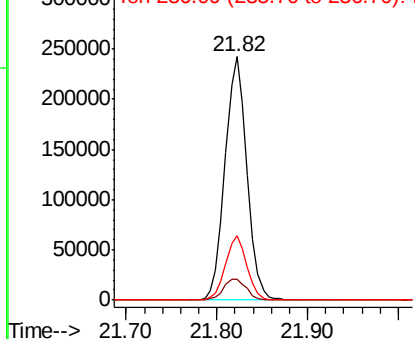


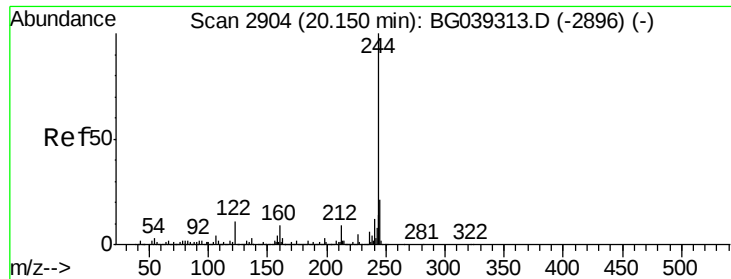
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.82 min Scan# 3189
 Delta R.T. -0.03 min
 Lab File: BG039601.D
 Acq: 26 Feb 2019 15:23

Tgt Ion:240 Resp: 404776
 Ion Ratio Lower Upper
 240 100
 120 8.7 7.0 10.6
 236 26.4 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: 68.272 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039601.D

Acq: 26 Feb 2019 15:23

Instrument :

BNA_G

ClientSampleId :

PB117389BL

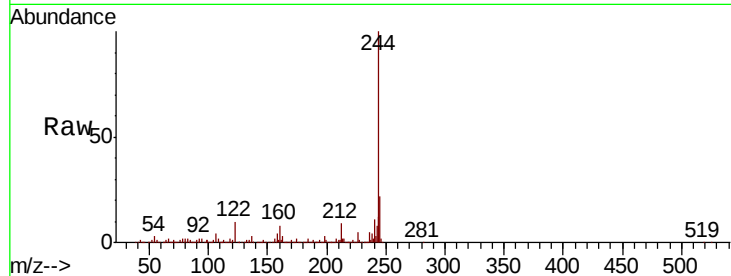
Tgt Ion:244 Resp: 1305562

Ion Ratio Lower Upper

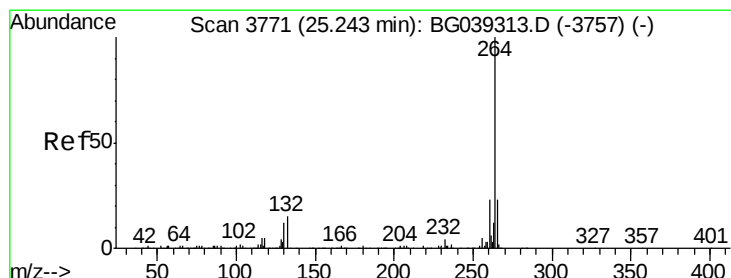
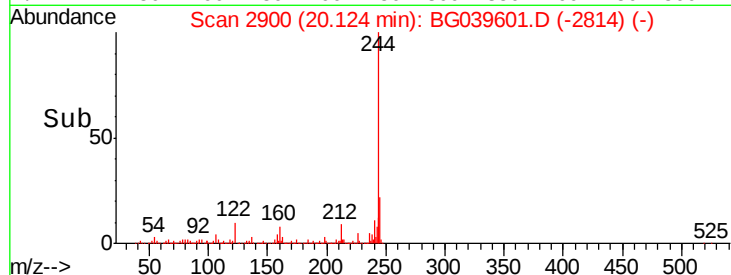
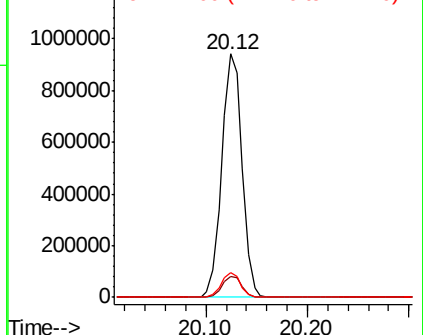
244 100

212 8.6 7.3 10.9

122 10.0 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: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039601.D

Acq: 26 Feb 2019 15:23

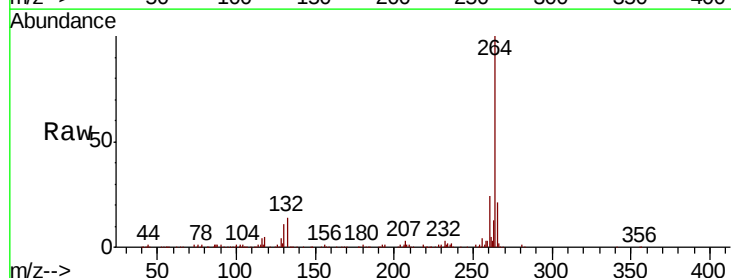
Tgt Ion:264 Resp: 397151

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.5 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

