

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020119\
 Data File : BG039349.D
 Acq On : 1 Feb 2019 19:13
 Operator : JU/SJ
 Sample : PB116762TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116762TB

Quant Time: Feb 02 01:03:48 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	47971	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	202964	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	135321	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	329510	20.00	ng	0.00
76) Chrysene-d12	21.83	240	366527	20.00	ng	-0.01
87) Perylene-d12	25.22	264	361094	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	355936	126.99	ng	0.00
7) Phenol-d6	7.31	99	500025	121.20	ng	0.00
23) Nitrobenzene-d5	9.36	82	279484	86.02	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	175995	120.78	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	730836	77.48	ng	0.00
79) Terphenyl-d14	20.14	244	1231460	71.12	ng	0.00

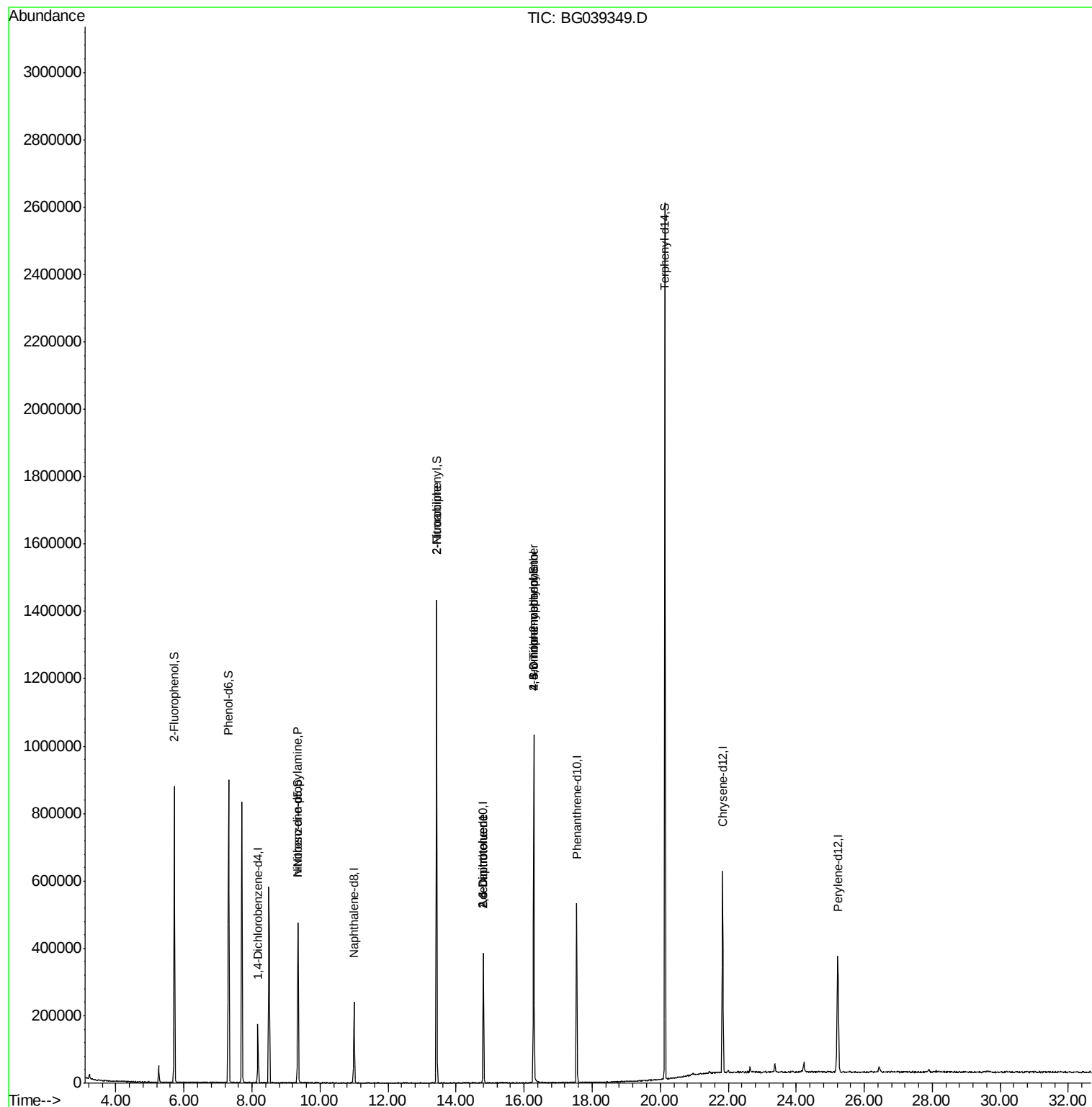
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.31	77	892	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.35	70	37233	12.715	ng	# 67
48) 2-Nitroaniline	13.42	65	1242	8.719	ng	# 7
51) 2,6-Dinitrotoluene	14.80	165	17401	13.914	ng	# 22
57) 2,4-Dinitrotoluene	14.80	165	17401	13.392	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.28	198	559	4.718	ng	# 1
67) 4-Bromophenyl-phenylether	16.28	248	13589	3.717	ng	# 1

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

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QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



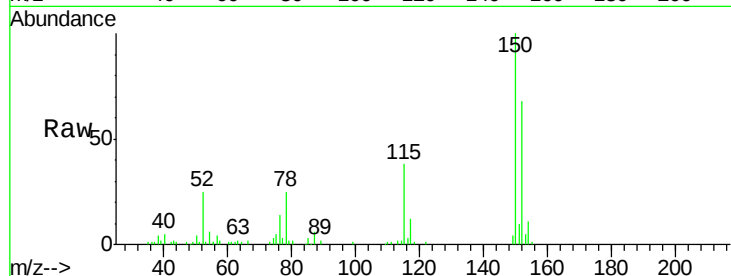


#1

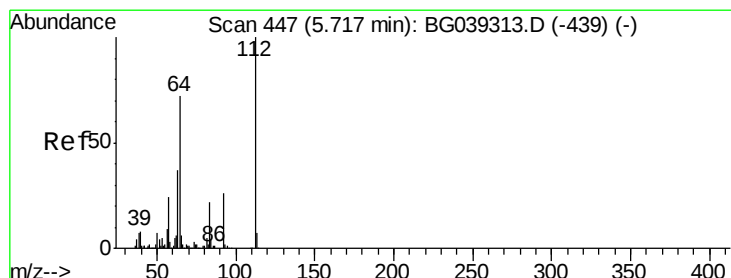
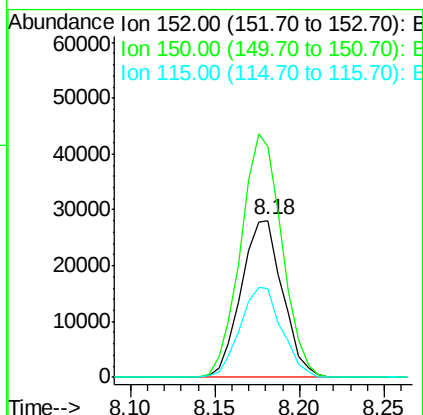
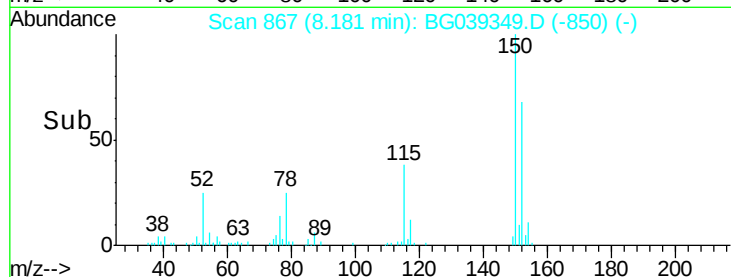
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

Instrument :
BNA_G
ClientSampleId :
PB116762TB

Tgt Ion:152 Resp: 47971
Ion Ratio Lower Upper
152 100
150 147.0 123.7 185.5
115 56.5 45.9 68.9



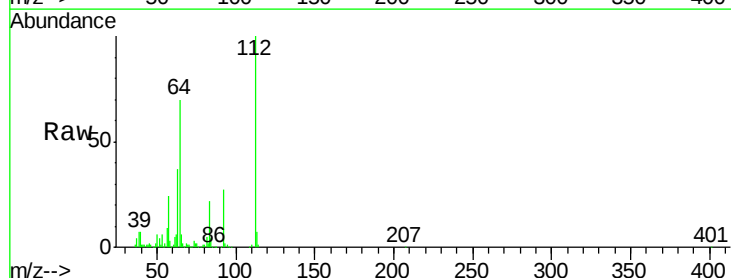
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



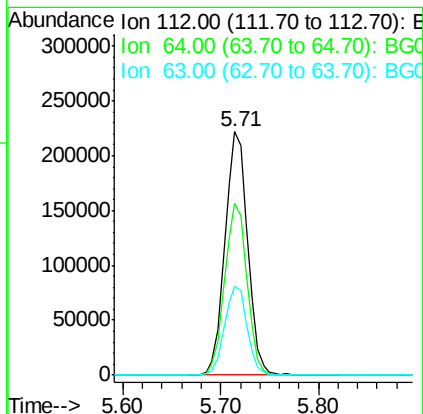
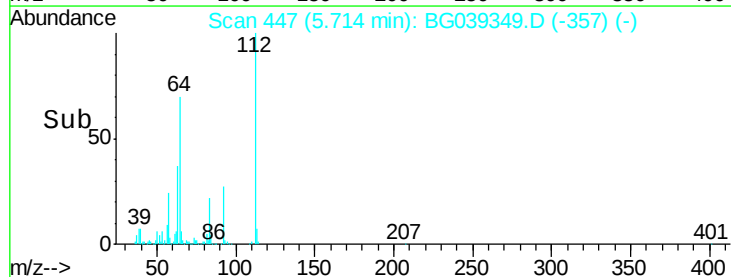
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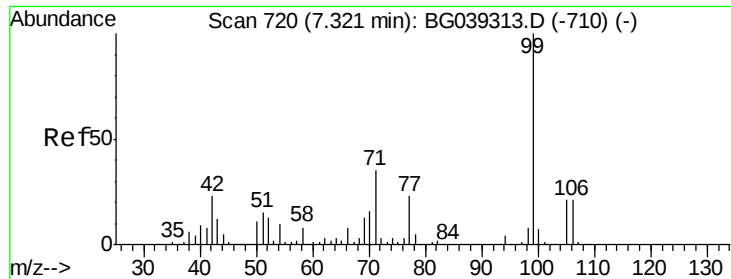
2-Fluorophenol
Concen: 126.991 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

Tgt Ion:112 Resp: 355936
Ion Ratio Lower Upper
112 100
64 70.4 57.8 86.8
63 36.6 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: 121.197 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

Instrument :

BNA_G

ClientSampleId :

PB116762TB

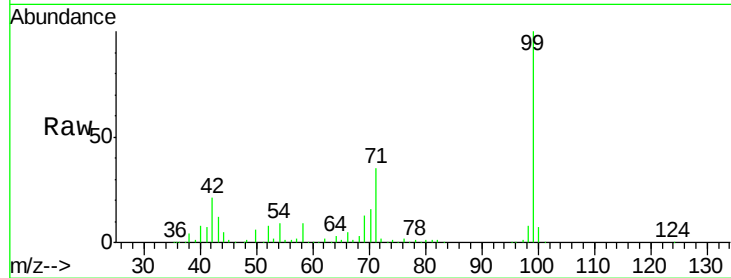
Tgt Ion: 99 Resp: 500025

Ion Ratio Lower Upper

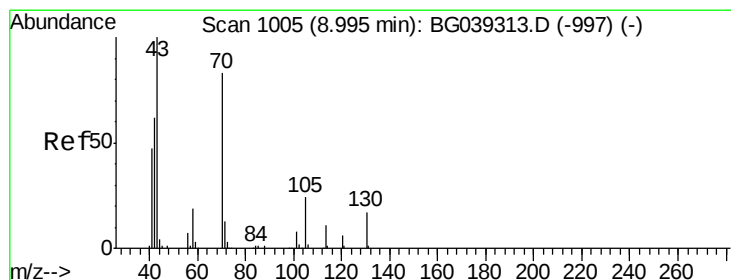
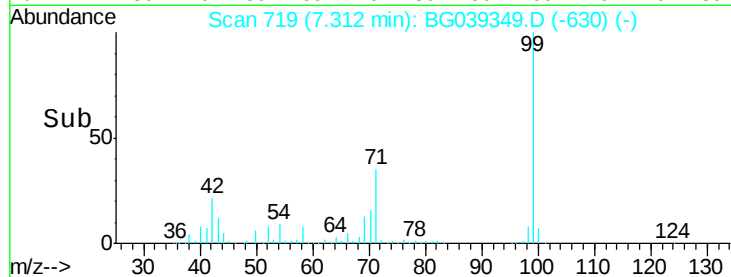
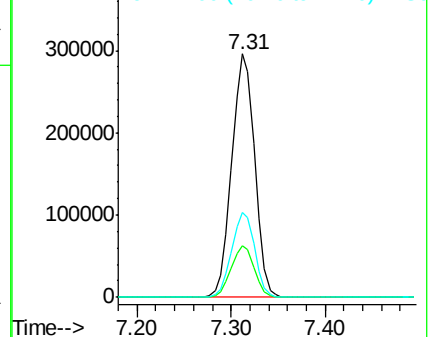
99 100

42 21.4 18.2 27.2

71 34.9 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: 12.715 ng

RT: 9.35 min Scan# 1066

Delta R.T. 0.36 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

Tgt Ion: 70 Resp: 37233

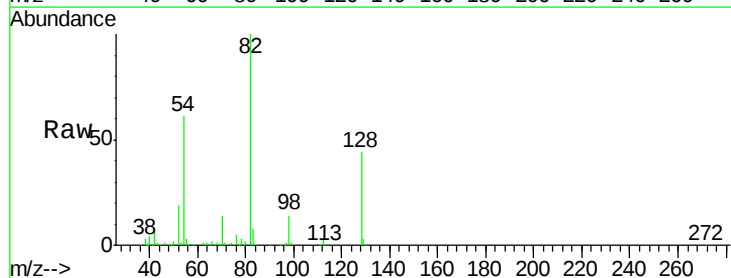
Ion Ratio Lower Upper

70 100

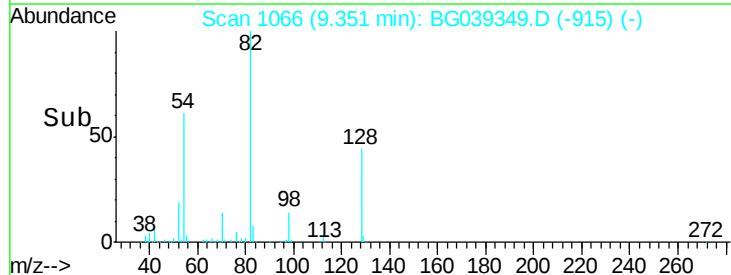
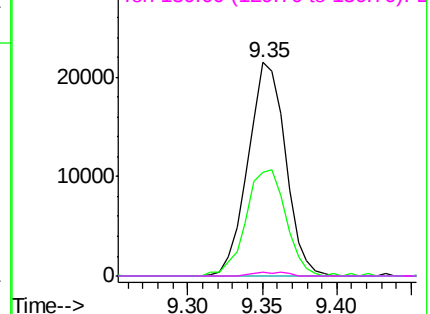
42 48.3 60.4 90.6#

101 0.0 7.5 11.3#

130 1.7 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

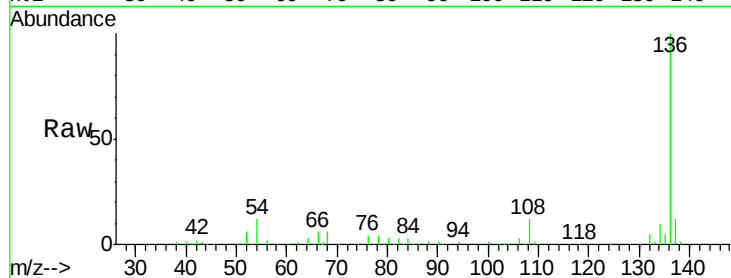




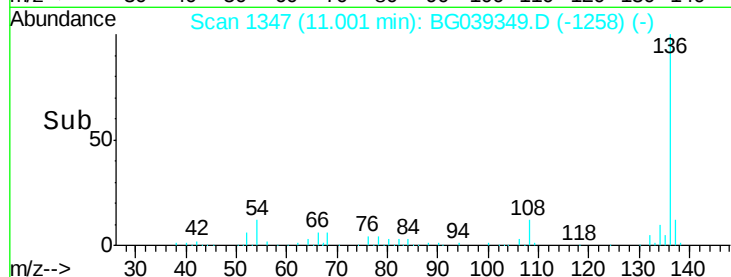
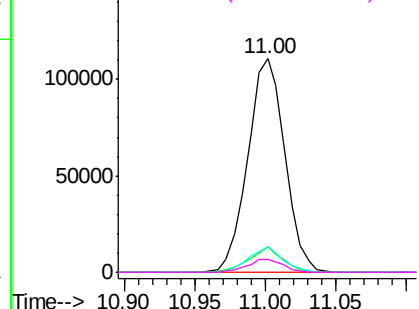
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

Instrument :
BNA_G
ClientSampleId :
PB116762TB

Tgt Ion:	136	Resp:	202964
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	11.8	9.4	14.2
68	5.7	4.2	6.4

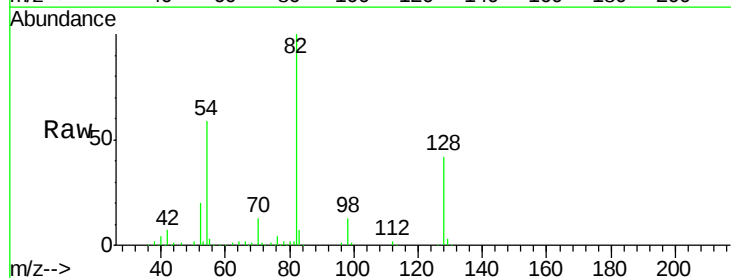


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

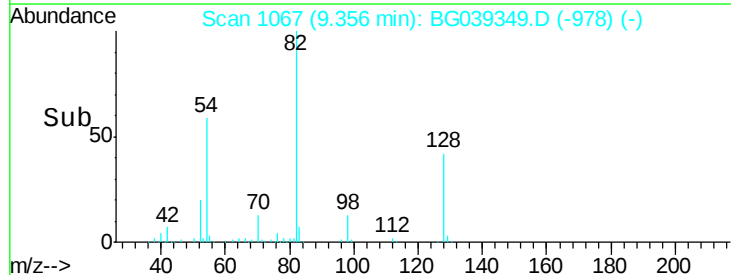
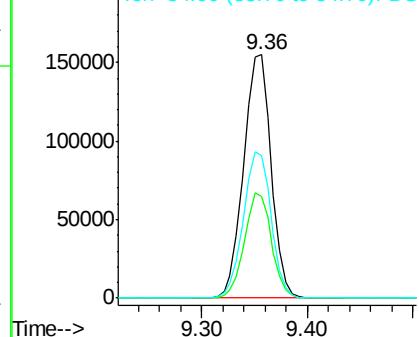


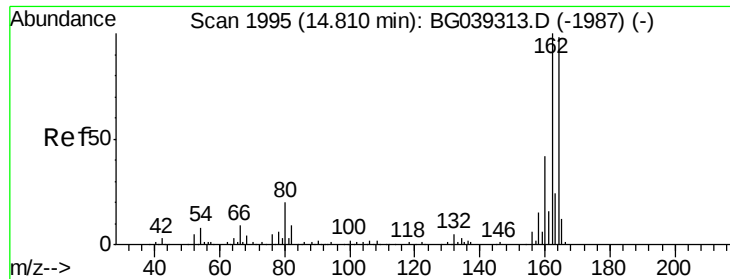
#23
Nitrobenzene-d5
Concen: 86.024 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

Tgt Ion:	82	Resp:	279484
Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.3	46.9
54	58.6	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

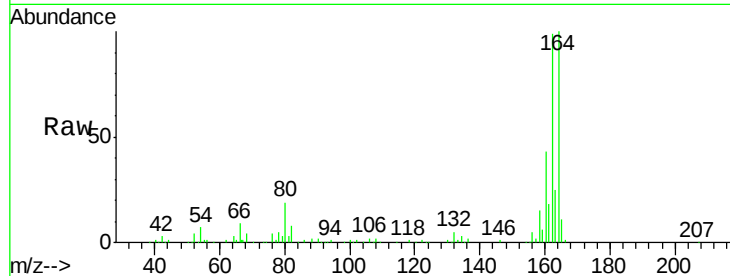




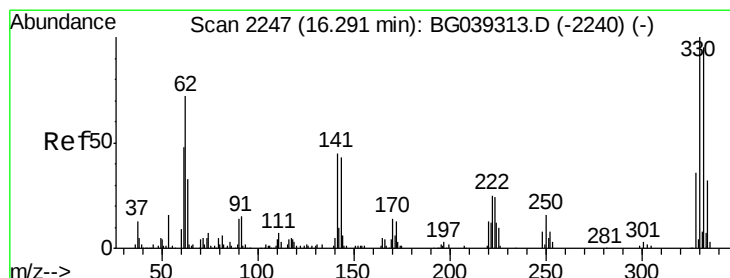
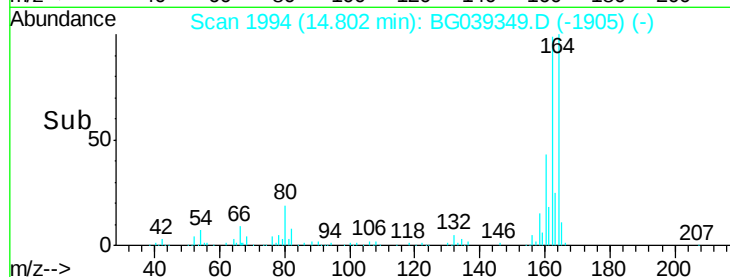
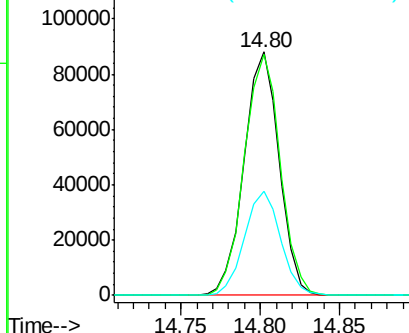
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

Instrument :
BNA_G
ClientSampleId :
PB116762TB

Tgt Ion:164 Resp: 135321
Ion Ratio Lower Upper
164 100
162 99.1 81.6 122.4
160 42.7 34.2 51.2

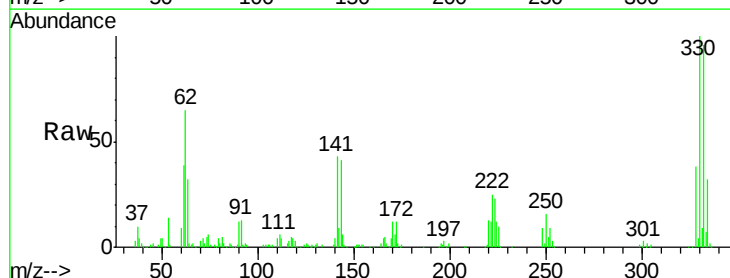


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

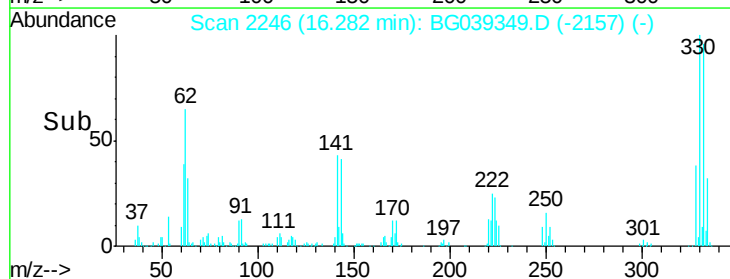
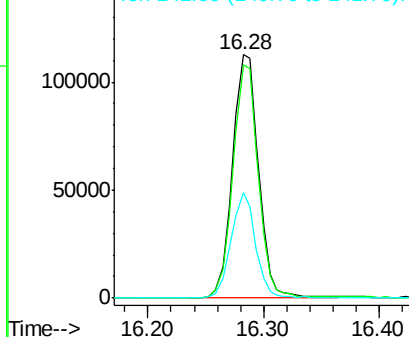


#42
2,4,6-Tribromophenol
Concen: 120.778 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

Tgt Ion:330 Resp: 175995
Ion Ratio Lower Upper
330 100
332 94.2 75.7 113.5
141 40.4 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

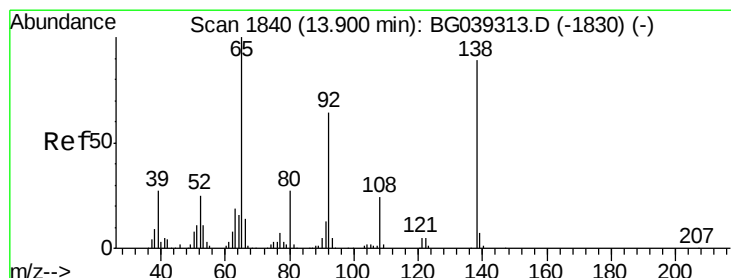
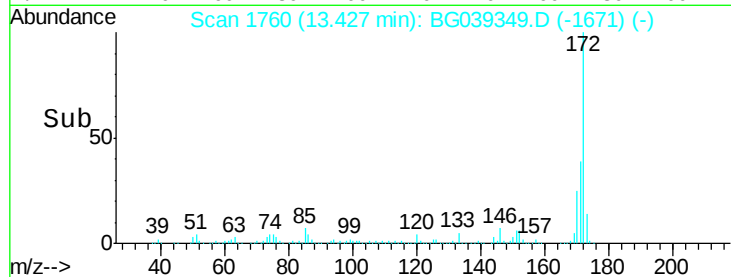
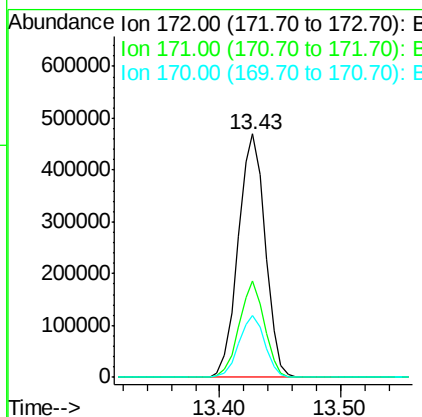
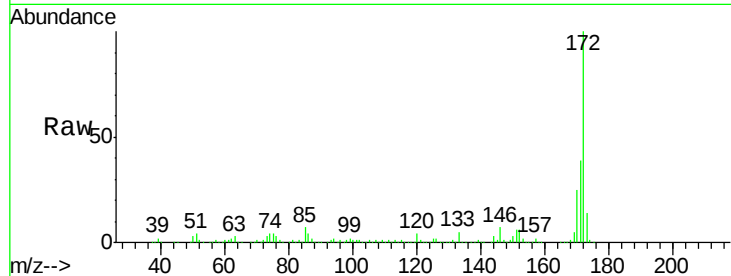




#45
 2-Fluorobiphenyl
 Concen: 77.477 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG039349.D
 Acq: 1 Feb 2019 19:13

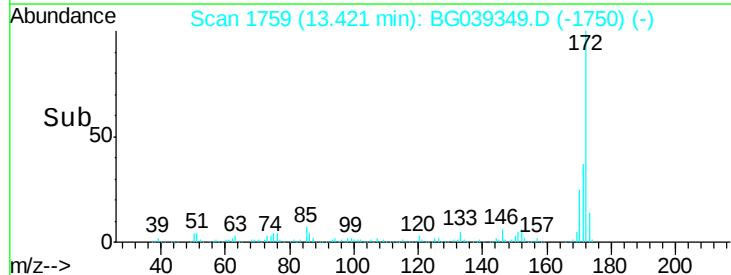
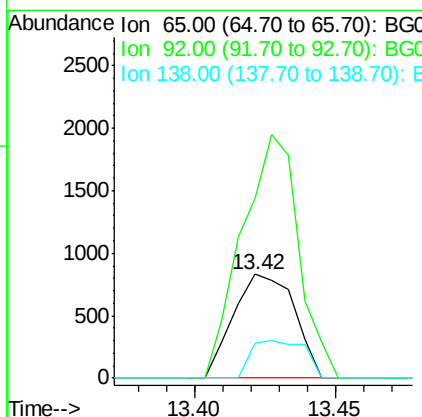
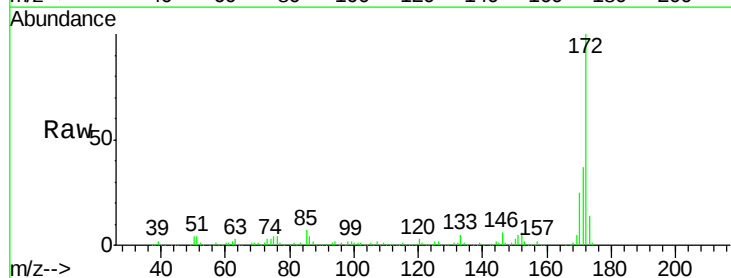
Instrument :
 BNA_G
 ClientSampleId :
 PB116762TB

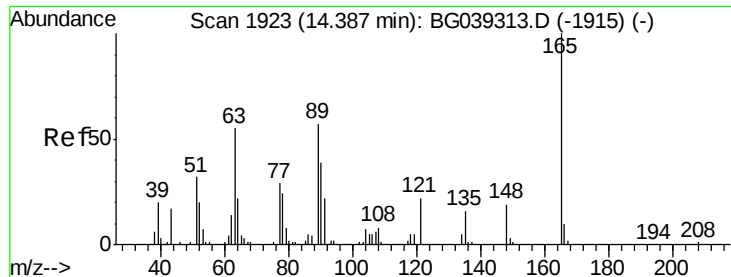
Tgt Ion: 172 Resp: 730836
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.8 46.2
 170 25.4 20.2 30.4



#48
 2-Nitroaniline
 Concen: 8.719 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.48 min
 Lab File: BG039349.D
 Acq: 1 Feb 2019 19:13

Tgt Ion: 65 Resp: 1242
 Ion Ratio Lower Upper
 65 100
 92 173.1 51.4 77.2#
 138 33.3 71.4 107.2#

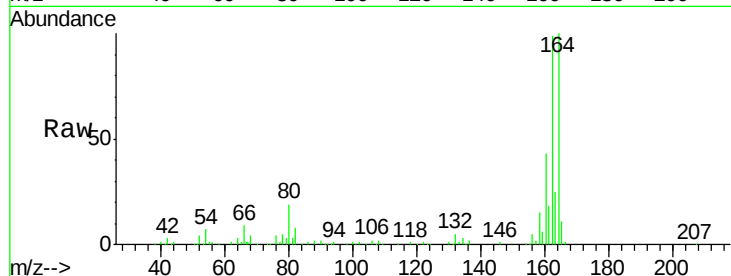




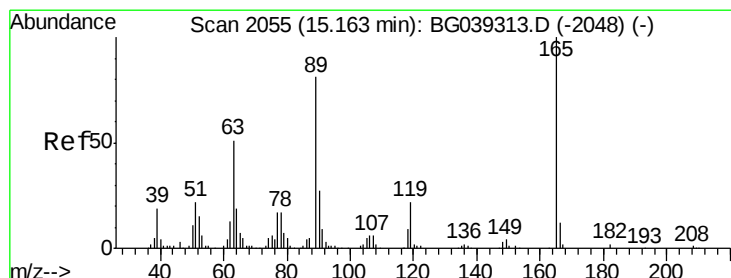
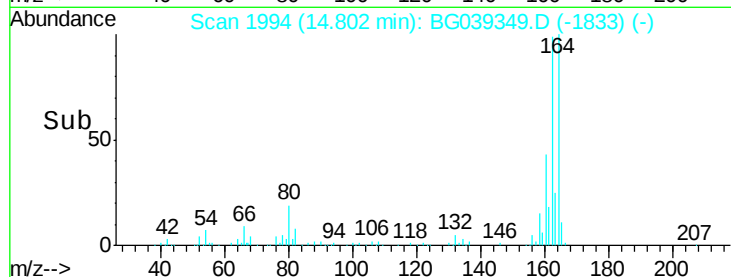
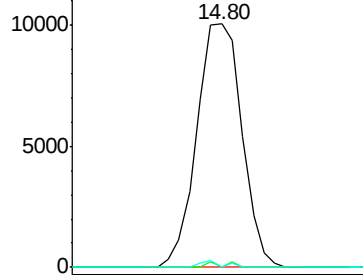
#51
2,6-Dinitrotoluene
Concen: 13.914 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.41 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

Instrument :
BNA_G
ClientSampleId :
PB116762TB

Tgt Ion:165 Resp: 17401
Ion Ratio Lower Upper
165 100
63 0.0 47.0 70.6#
89 0.0 45.8 68.8#

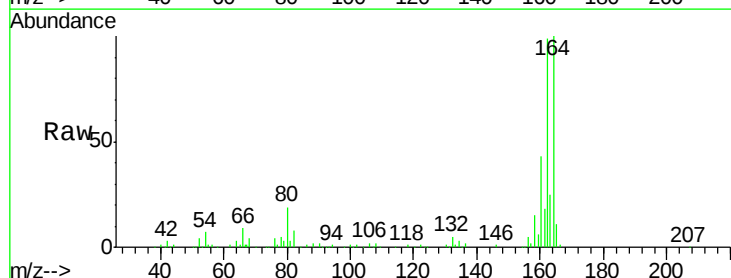


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

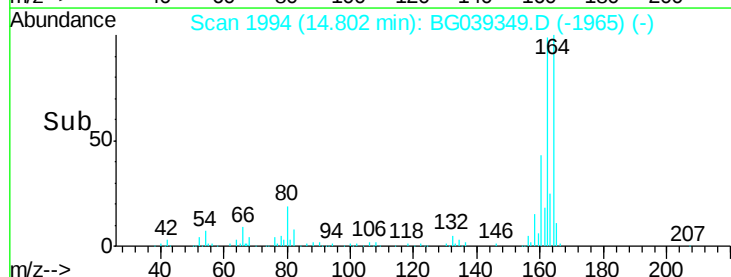
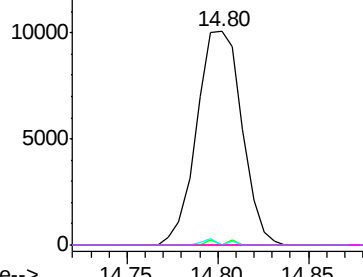


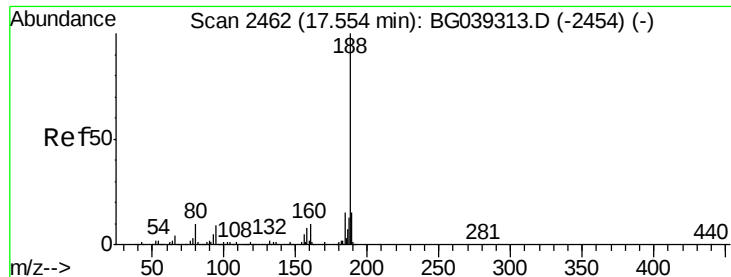
#57
2,4-Dinitrotoluene
Concen: 13.392 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.36 min
Lab File: BG039349.D
Acq: 1 Feb 2019 19:13

Tgt Ion:165 Resp: 17401
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: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

Instrument :

BNA_G

ClientSampleId :

PB116762TB

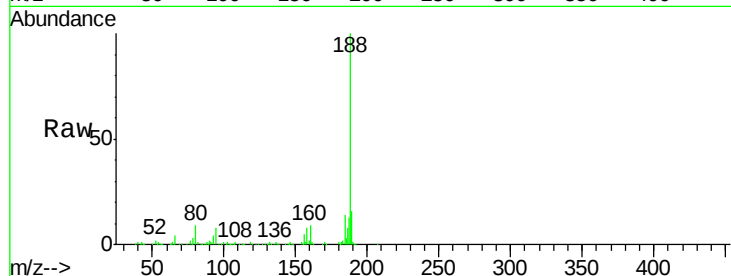
Tgt Ion:188 Resp: 329510

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

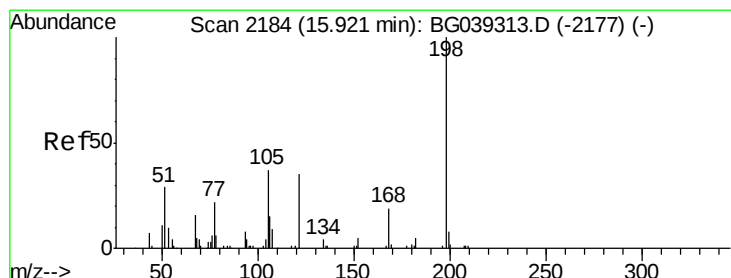
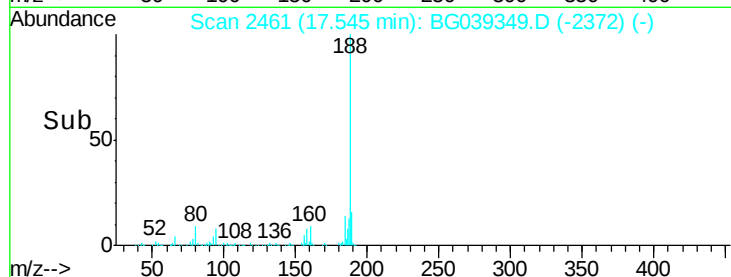
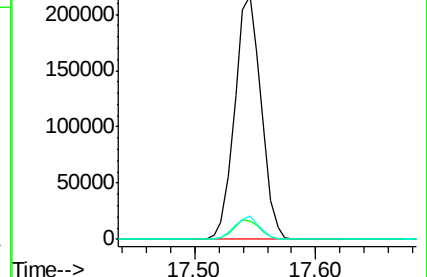
80 9.4 8.1 12.1



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: 4.718 ng

RT: 16.28 min Scan# 2246

Delta R.T. 0.36 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

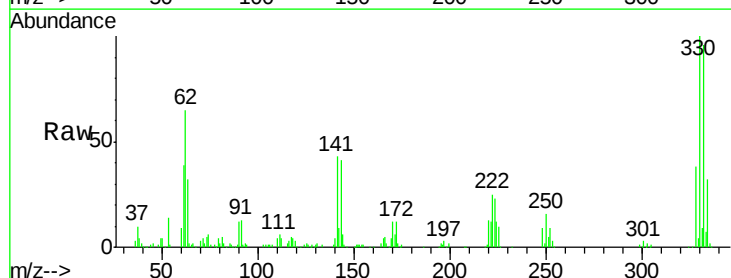
Tgt Ion:198 Resp: 559

Ion Ratio Lower Upper

198 100

51 103.3 27.4 67.4#

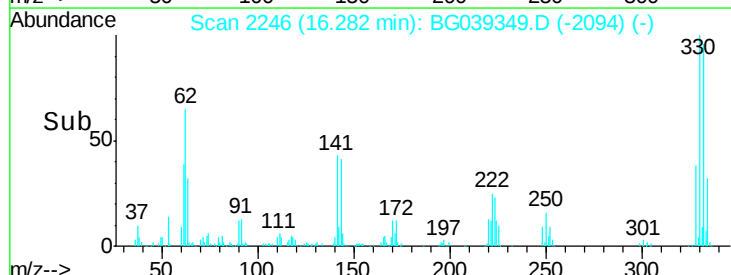
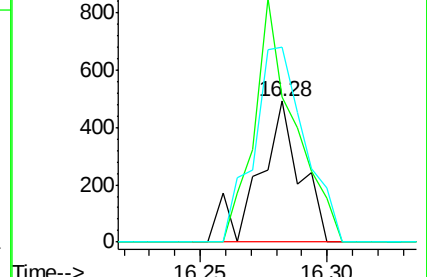
105 138.3 19.7 59.7#

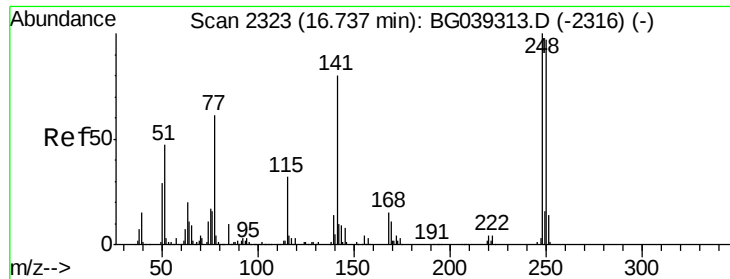


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

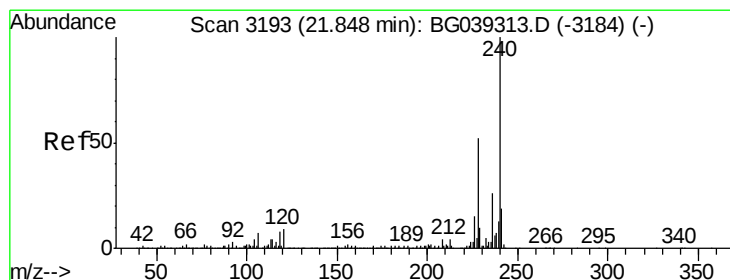
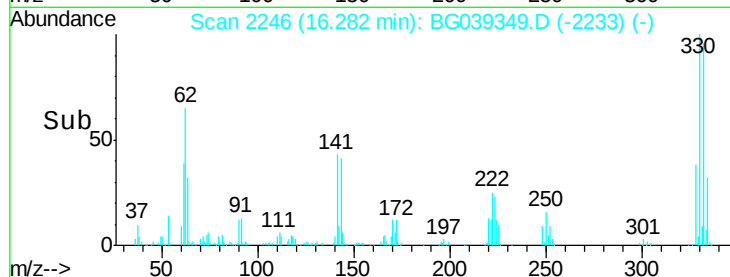
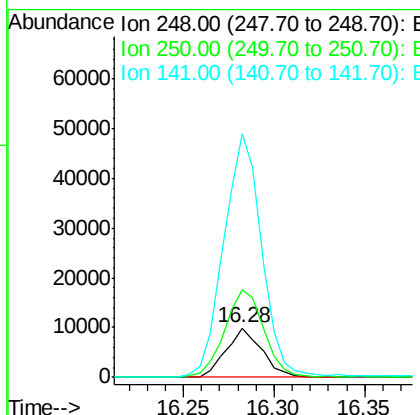
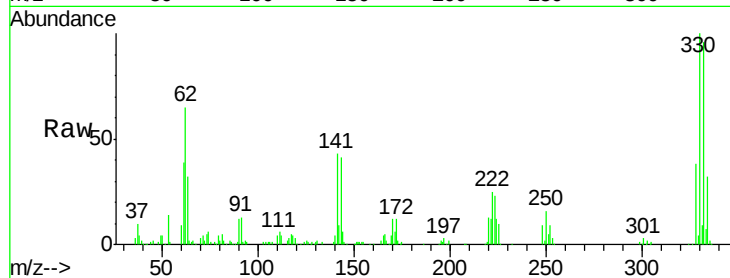




#67
 4-Bromophenyl-phenylether
 Concen: 3.717 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.45 min
 Lab File: BG039349.D
 Acq: 1 Feb 2019 19:13

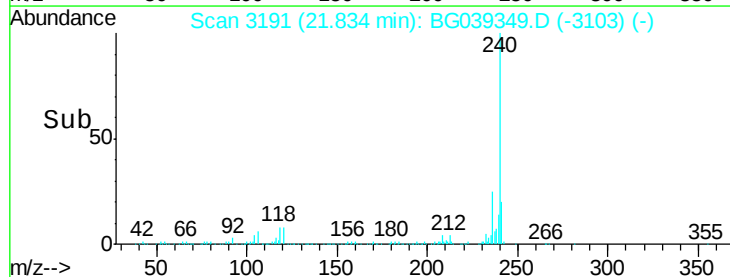
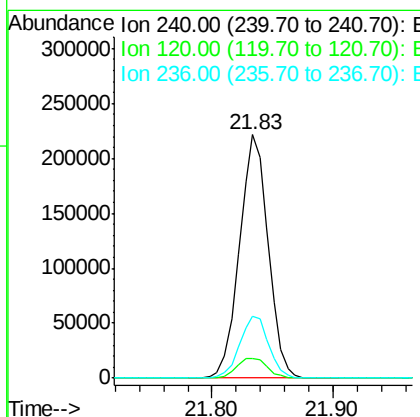
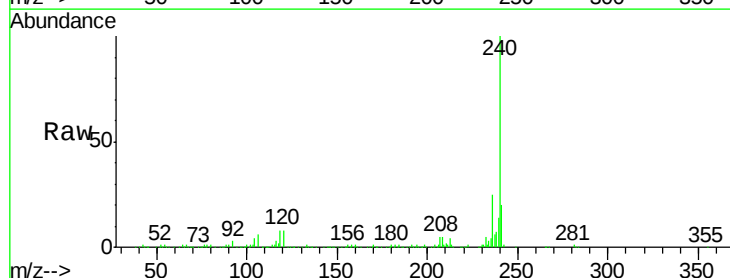
Instrument :
 BNA_G
 ClientSampleId :
 PB116762TB

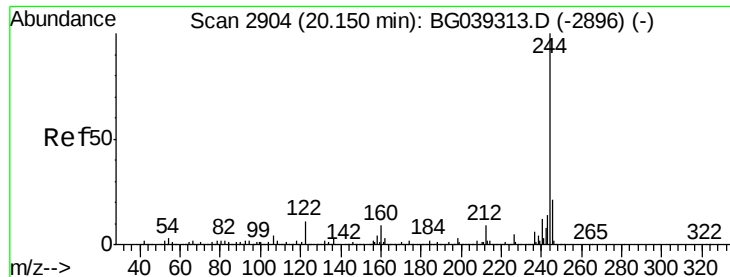
Tgt Ion:248 Resp: 13589
 Ion Ratio Lower Upper
 248 100
 250 177.8 77.6 116.4#
 141 491.4 63.9 95.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BG039349.D
 Acq: 1 Feb 2019 19:13

Tgt Ion:240 Resp: 366527
 Ion Ratio Lower Upper
 240 100
 120 8.2 7.0 10.6
 236 25.2 21.0 31.4





#79

Terphenyl-d14

Concen: 71.117 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

Instrument :

BNA_G

ClientSampleId :

PB116762TB

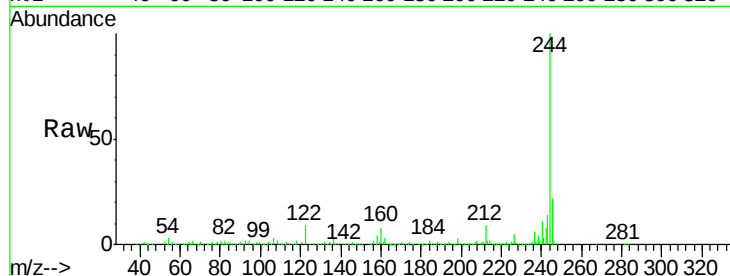
Tgt Ion:244 Resp: 1231460

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

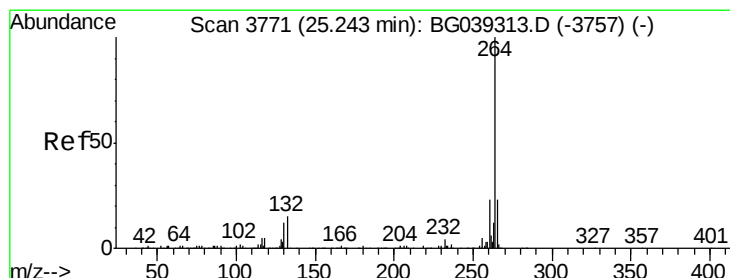
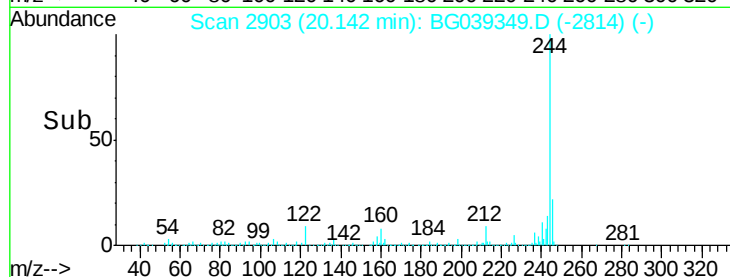
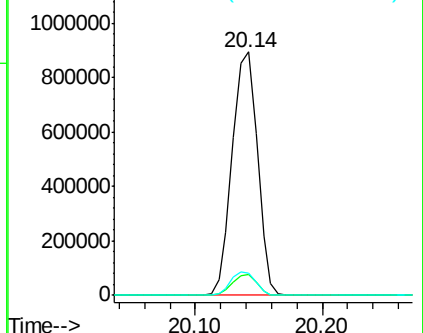
122 9.3 8.4 12.6



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# 3768

Delta R.T. -0.02 min

Lab File: BG039349.D

Acq: 1 Feb 2019 19:13

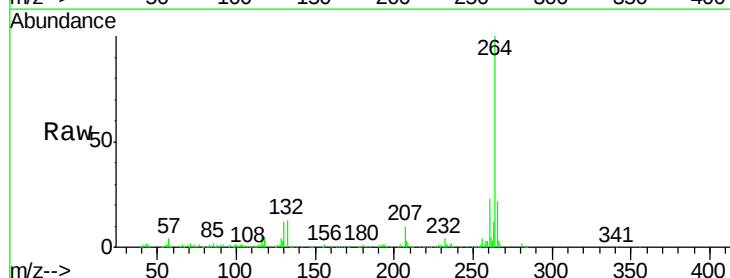
Tgt Ion:264 Resp: 361094

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 22.2 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

