

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039058.D
 Acq On : 10 Jan 2019 18:41
 Operator : JU/SJ
 Sample : PB116278BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 05:10:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

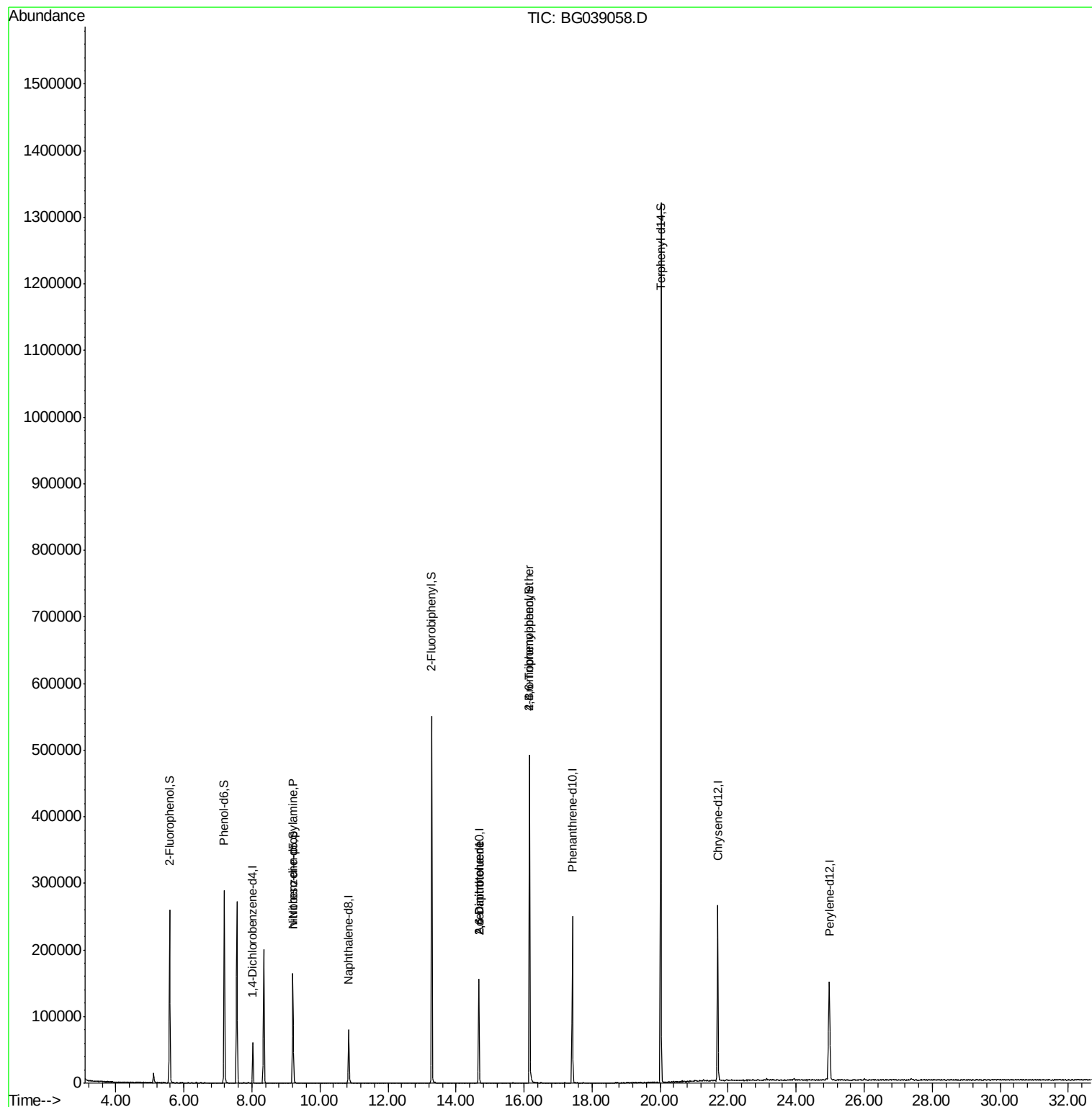
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18123	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	77277	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	58750	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	172370	20.00	ng	0.00
76) Chrysene-d12	21.69	240	179230	20.00	ng	-0.01
87) Perylene-d12	24.98	264	191242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	120483	126.11	ng	0.00
7) Phenol-d6	7.19	99	169223	123.08	ng	0.00
23) Nitrobenzene-d5	9.21	82	99021	70.12	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	114859	116.63	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	310880	72.42	ng	0.00
79) Terphenyl-d14	20.02	244	688922	71.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	13038	14.441	ng	# 61
51) 2,6-Dinitrotoluene	14.67	165	7765	6.996	ng	# 24
57) 2,4-Dinitrotoluene	14.67	165	7765	4.876	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	7403	3.341	ng	# 1

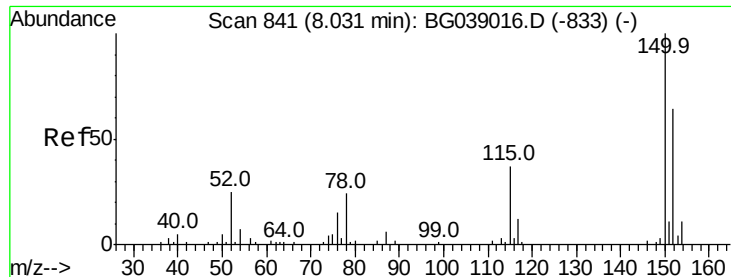
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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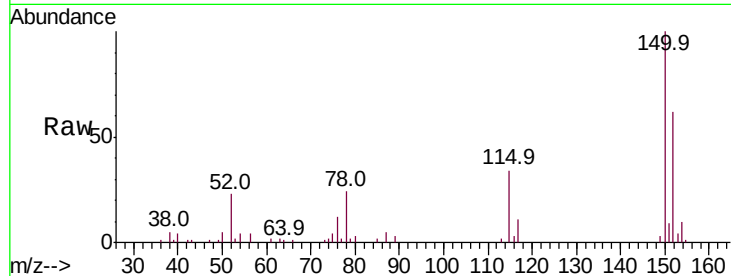


#1

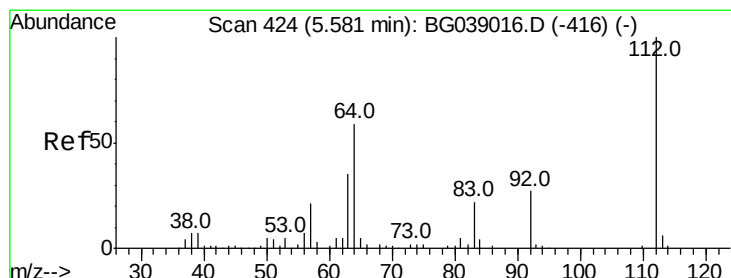
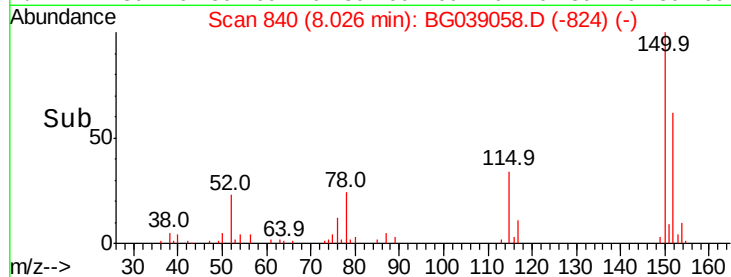
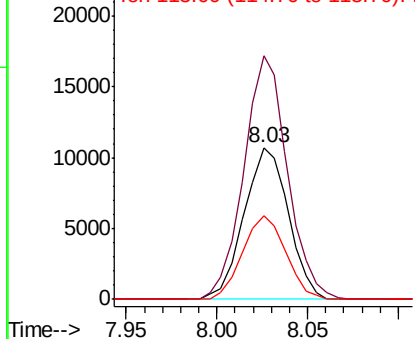
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039058.D
Acq: 10 Jan 2019 18:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 18123
Ion Ratio Lower Upper
152 100
150 160.7 124.7 187.1
115 55.2 46.5 69.7



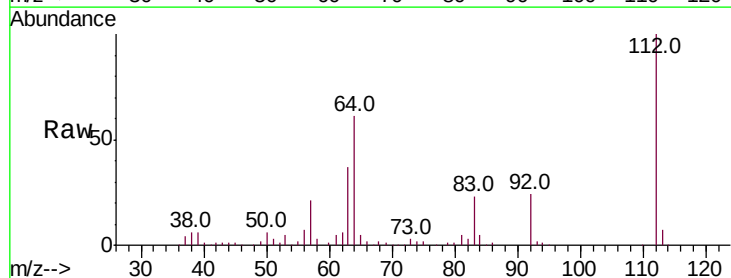
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



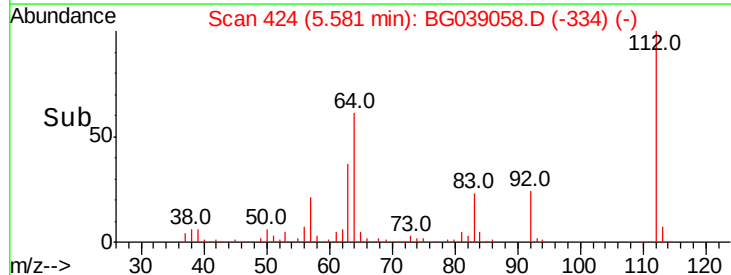
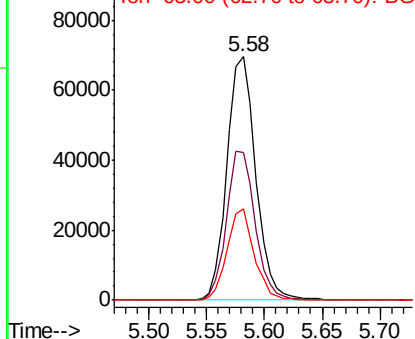
#5

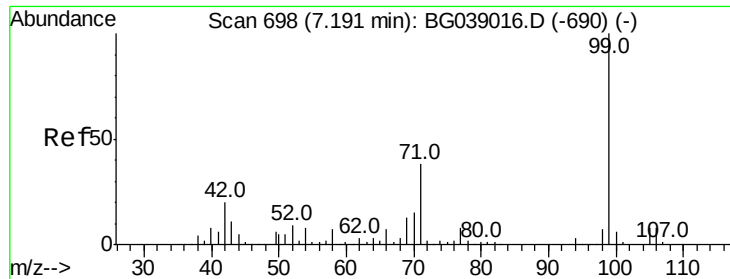
2-Fluorophenol
Concen: 126.113 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG039058.D
Acq: 10 Jan 2019 18:41

Tgt Ion:112 Resp: 120483
Ion Ratio Lower Upper
112 100
64 60.7 47.0 70.6
63 37.4 28.0 42.0



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: 123.081 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

Instrument :

BNA_G

ClientSampleId :

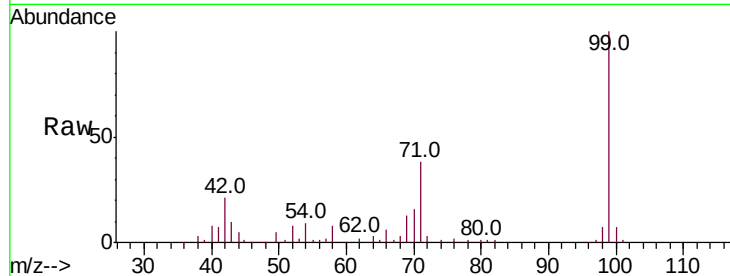
Tot Ion: 99 Resp: 169223

Ion Ratio Lower Upper

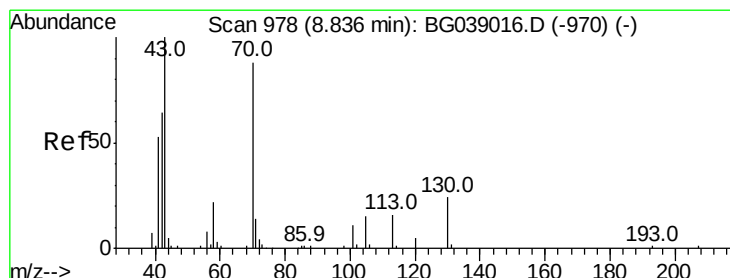
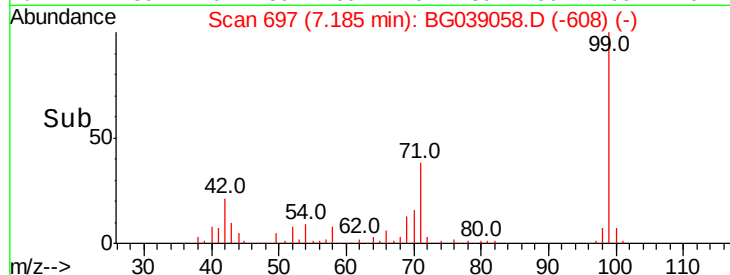
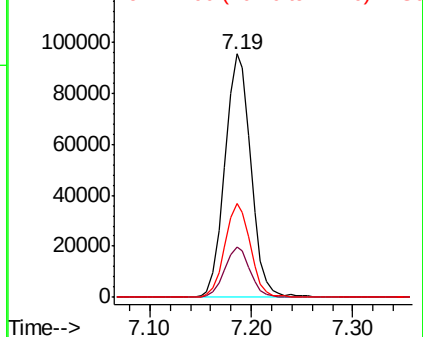
99 100

42 20.6 15.8 23.6

71 38.3 30.2 45.4



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: 14.441 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

Tgt Ion: 70 Resp: 13038

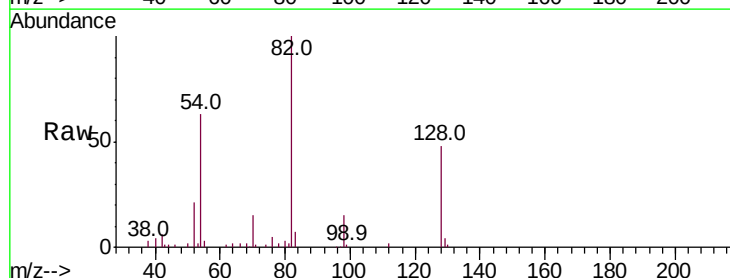
Ion Ratio Lower Upper

70 100

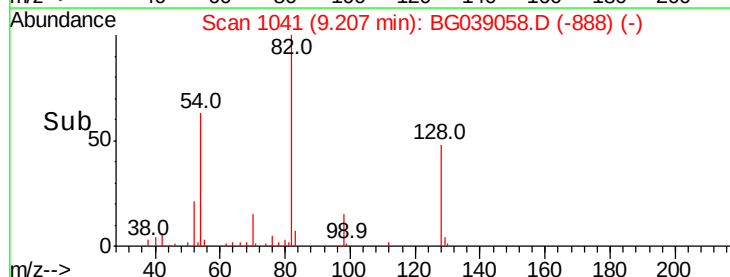
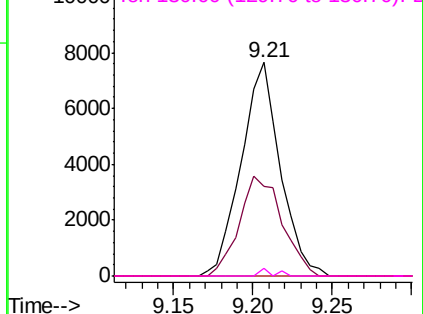
42 42.2 59.0 88.4#

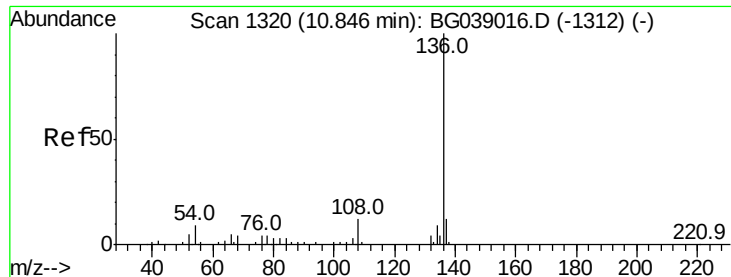
101 0.0 10.4 15.6#

130 3.6 21.6 32.4#



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

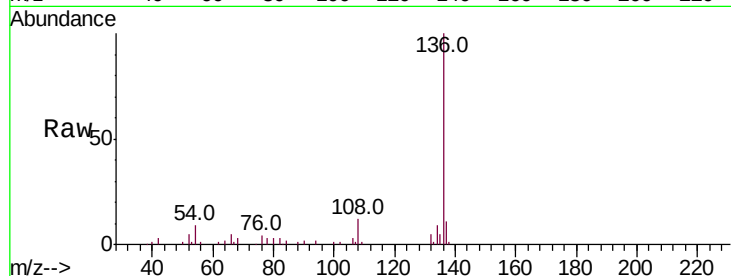




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG039058.D
Acq: 10 Jan 2019 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	77277
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.4 14.2
54	8.9	7.2 10.8
68	3.4	3.5 5.3#



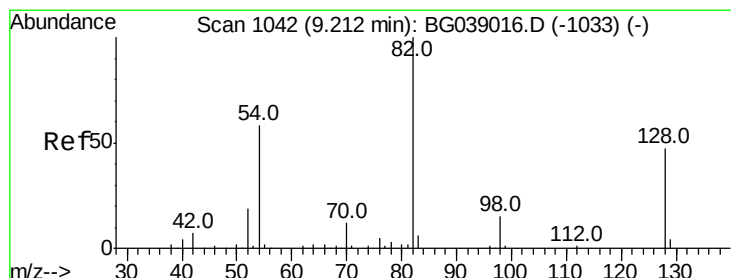
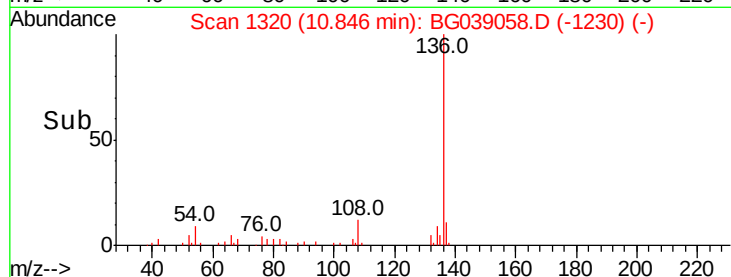
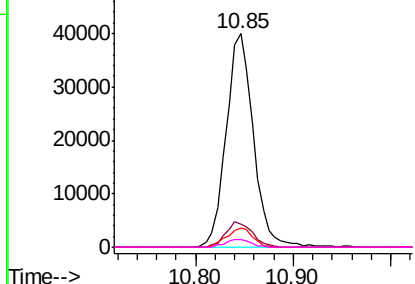
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

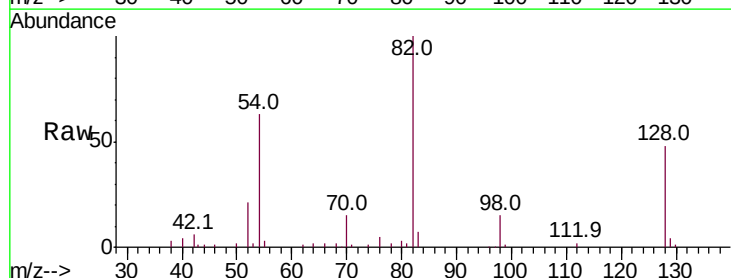
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 70.116 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039058.D
Acq: 10 Jan 2019 18:41

Tgt Ion: 82	Resp:	99021
Ion	Ratio	Lower Upper
82	100	
128	48.4	37.3 55.9
54	62.8	46.4 69.6

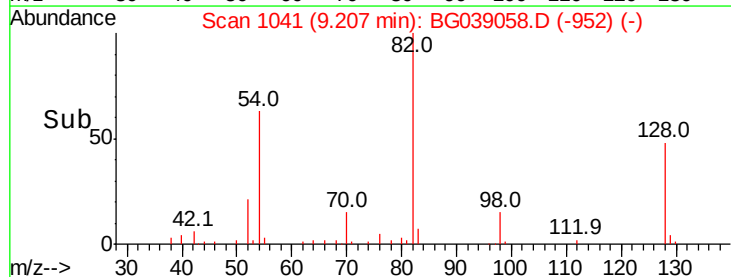
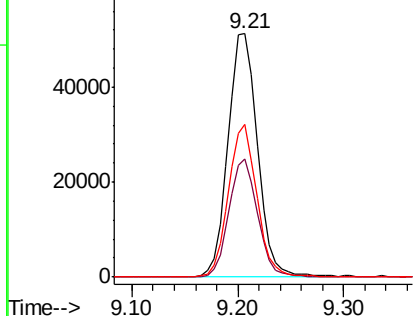


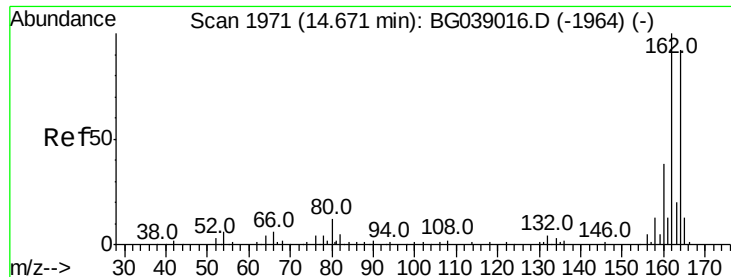
Abundance

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

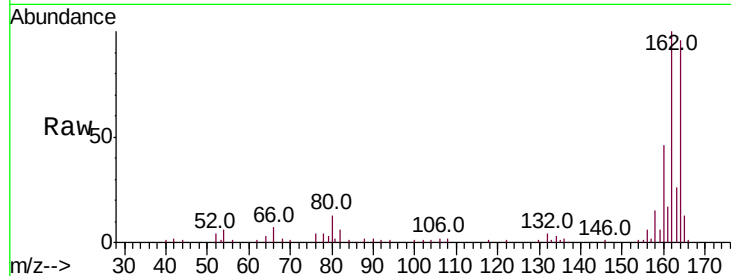




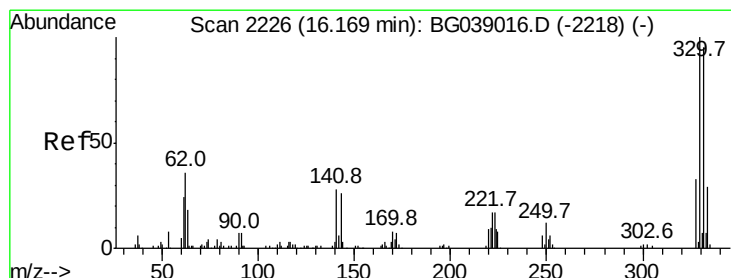
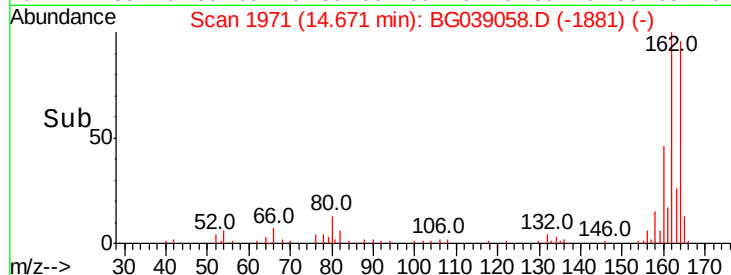
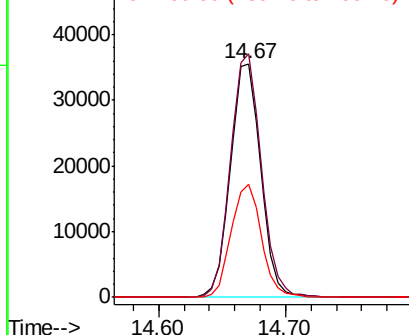
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG039058.D
Acq: 10 Jan 2019 18:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 58750
Ion Ratio Lower Upper
164 100
162 104.2 87.2 130.8
160 48.3 33.3 49.9

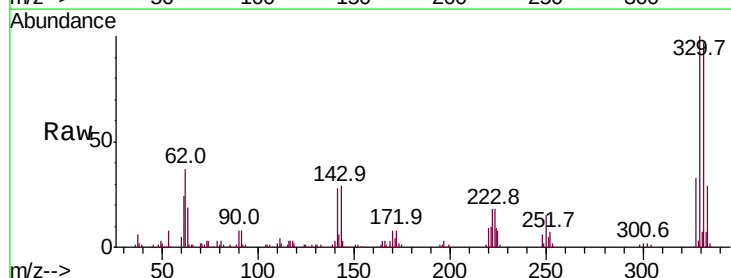


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

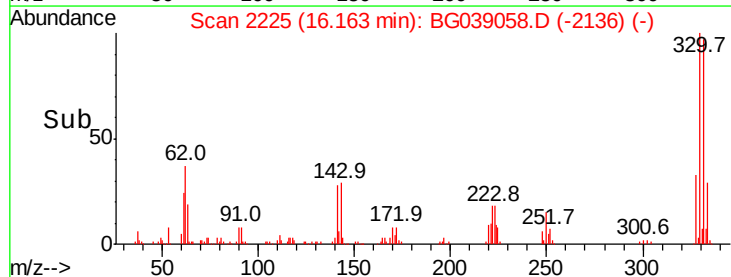
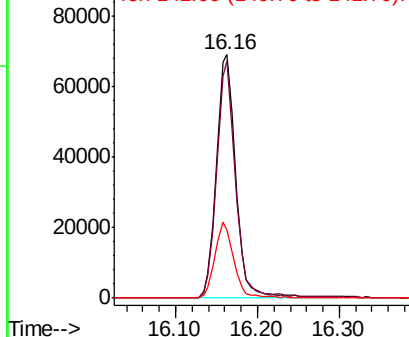


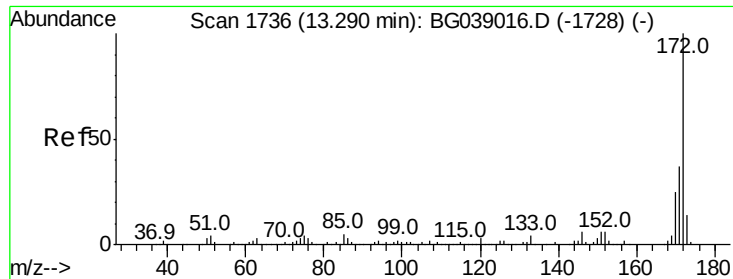
#42
2,4,6-Tribromophenol
Concen: 116.630 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039058.D
Acq: 10 Jan 2019 18:41

Tgt Ion:330 Resp: 114859
Ion Ratio Lower Upper
330 100
332 94.4 75.7 113.5
141 30.2 24.9 37.3



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: 72.419 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

Instrument :

BNA_G

ClientSampled :

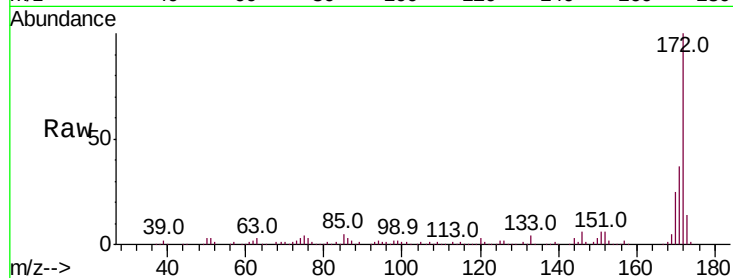
Tot Ion:172 Resp: 310880

Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

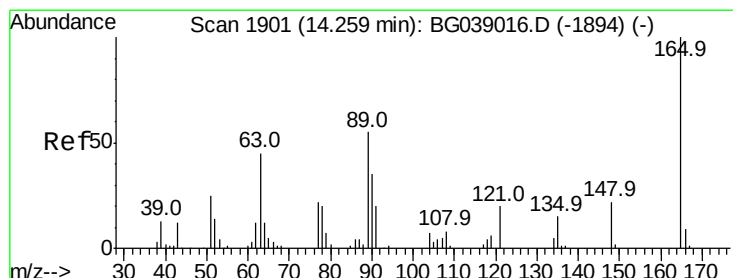
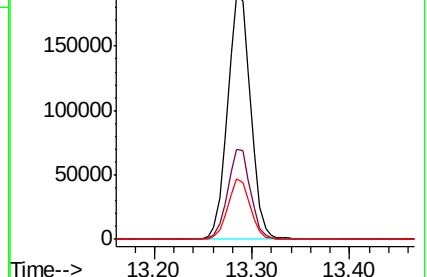
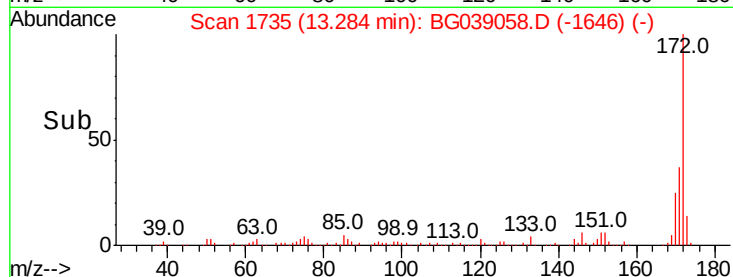
170 25.0 20.1 30.1



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



#51

2,6-Dinitrotoluene

Concen: 6.996 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.41 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

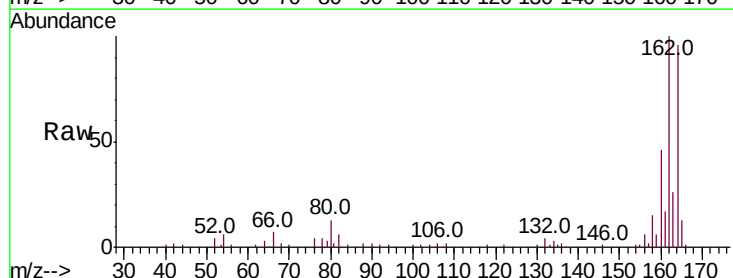
Tgt Ion:165 Resp: 7765

Ion Ratio Lower Upper

165 100

63 0.0 43.6 65.4#

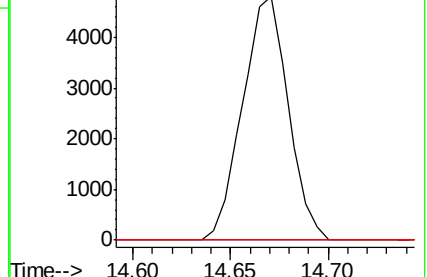
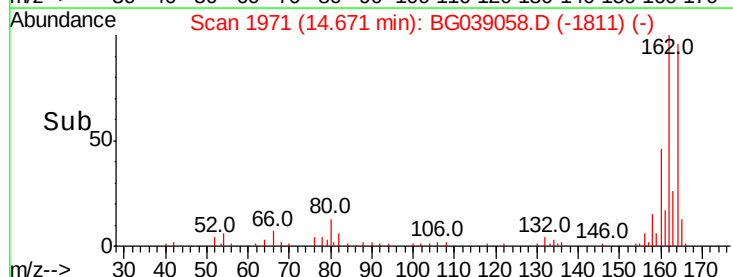
89 0.0 43.7 65.5#

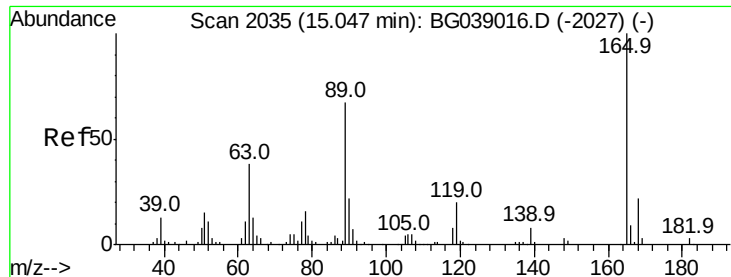


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

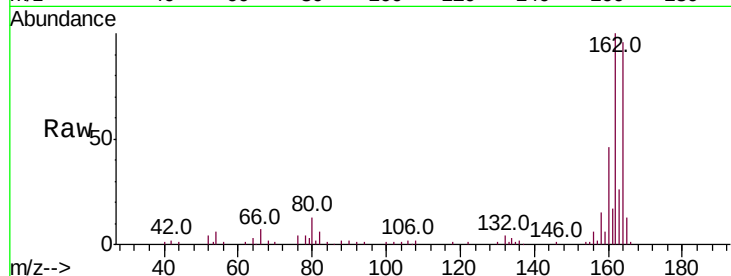




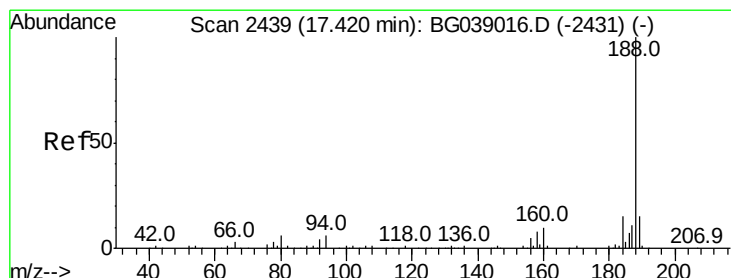
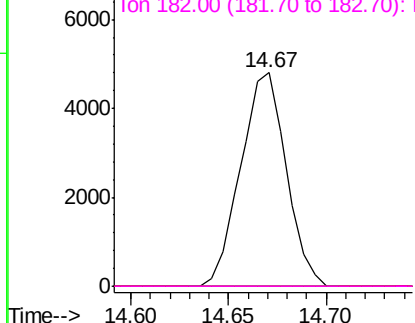
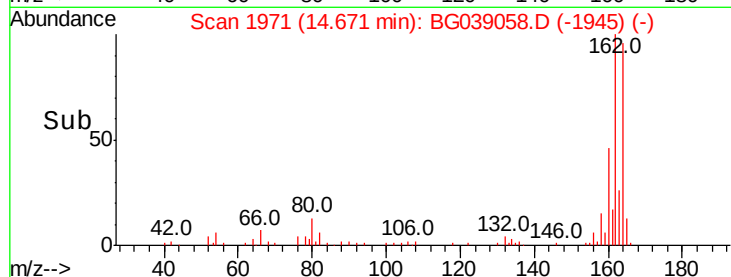
#57
 2,4-Dinitrotoluene
 Concen: 4.876 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.38 min
 Lab File: BG039058.D
 Acq: 10 Jan 2019 18:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 7765
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.2 45.4#
 89 0.0 53.2 79.8#
 182 0.0 2.7 4.1#

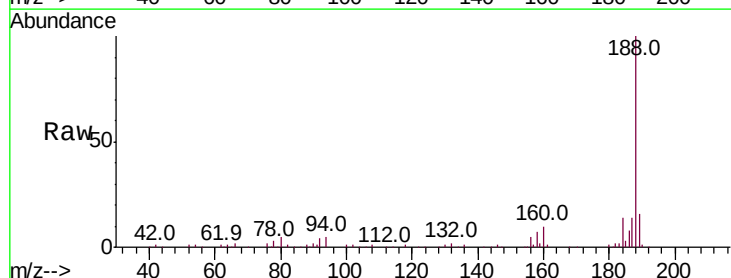


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

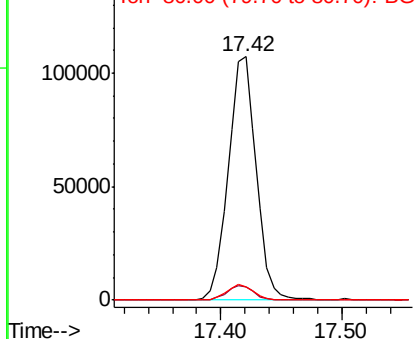
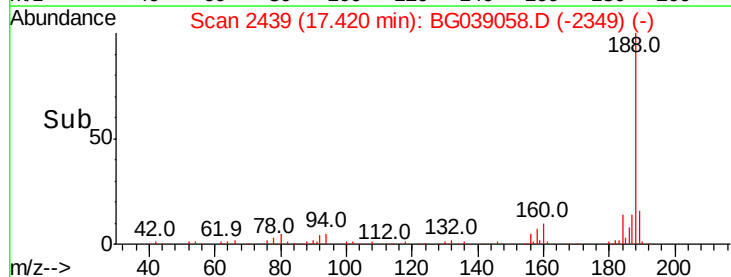


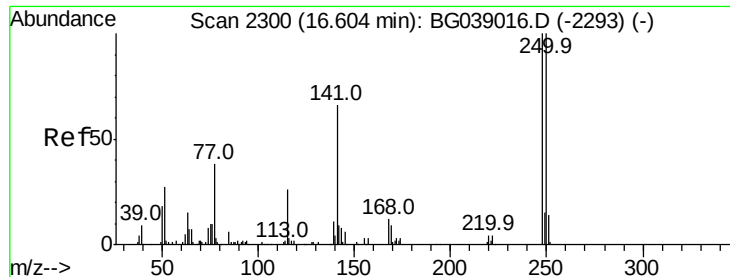
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. 0.00 min
 Lab File: BG039058.D
 Acq: 10 Jan 2019 18:41

Tgt Ion:188 Resp: 172370
 Ion Ratio Lower Upper
 188 100
 94 5.4 5.0 7.4
 80 5.5 4.7 7.1



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

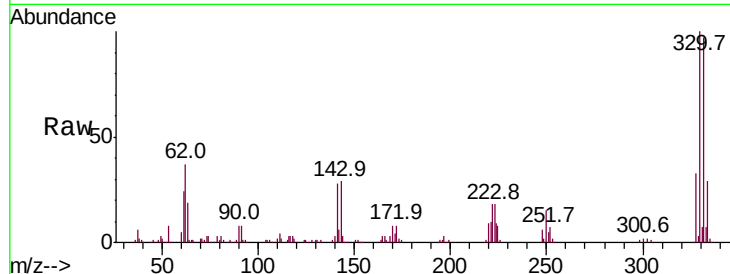




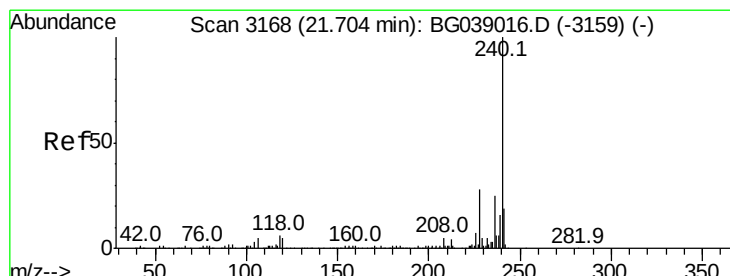
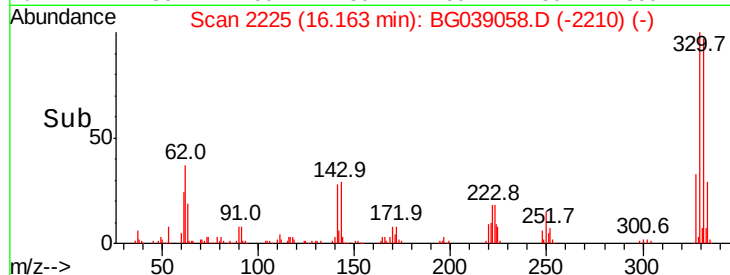
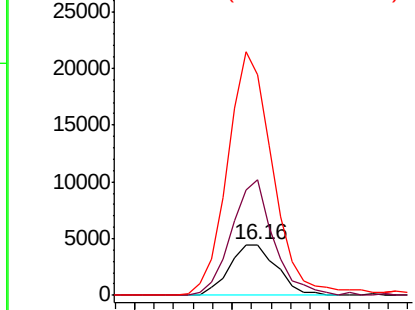
#67
 4-Bromophenyl-phenylether
 Concen: 3.341 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG039058.D
 Acq: 10 Jan 2019 18:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 7403
 Ion Ratio Lower Upper
 248 100
 250 231.2 79.9 119.9#
 141 336.1 52.7 79.1#

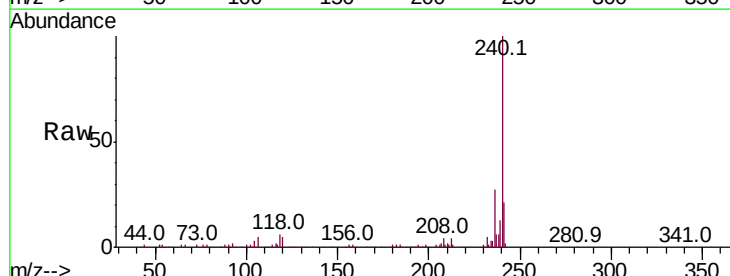


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

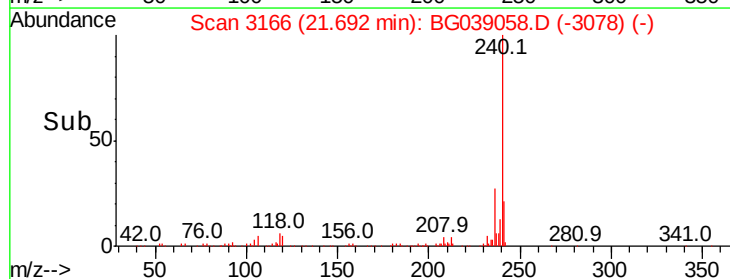
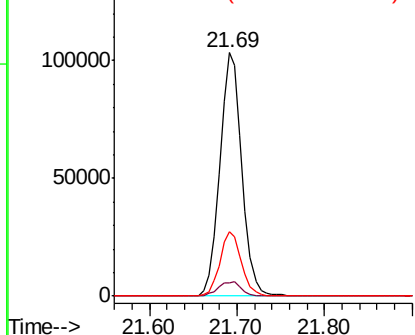


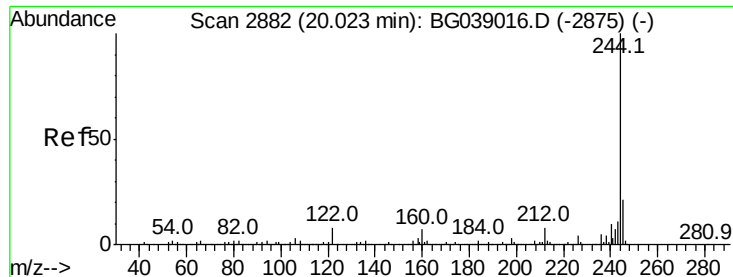
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039058.D
 Acq: 10 Jan 2019 18:41

Tgt Ion:240 Resp: 179230
 Ion Ratio Lower Upper
 240 100
 120 5.4 4.3 6.5
 236 26.7 20.1 30.1



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: 71.106 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

Instrument :

BNA_G

ClientSampleId :

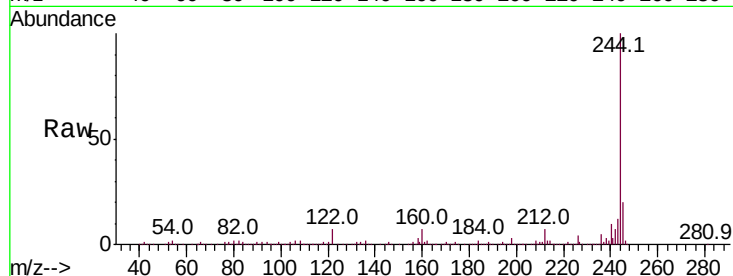
Tot Ion:244 Resp: 688922

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

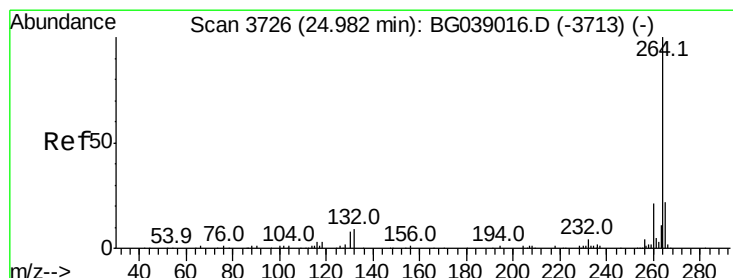
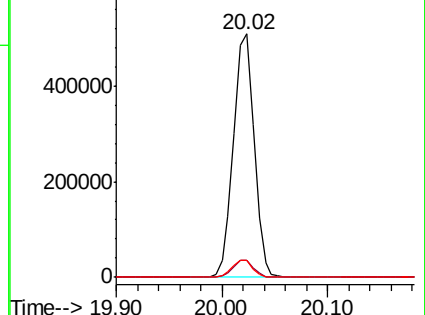
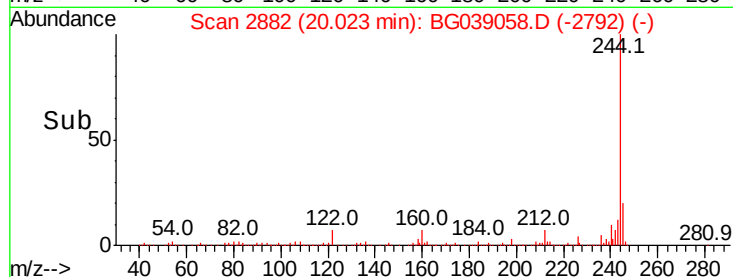
122 6.9 6.1 9.1



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: 24.98 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039058.D

Acq: 10 Jan 2019 18:41

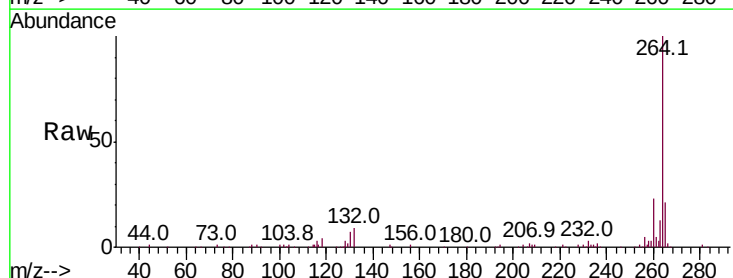
Tgt Ion:264 Resp: 191242

Ion Ratio Lower Upper

264 100

260 22.8 17.0 25.6

265 20.8 17.2 25.8



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

