

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039070.D
 Acq On : 11 Jan 2019 2:31
 Operator : JU/SJ
 Sample : PB116306TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 05:13:52 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

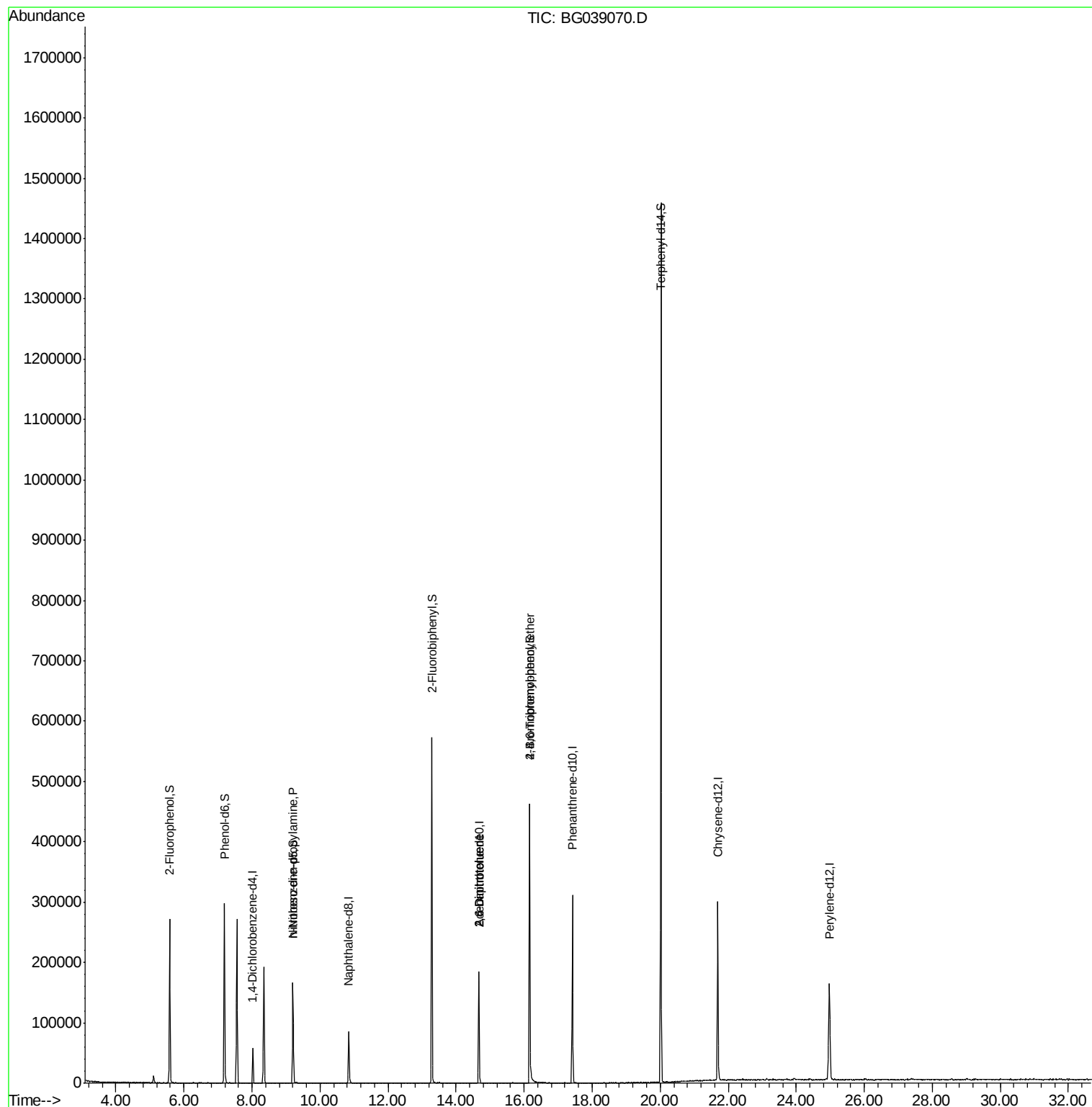
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18185	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	82866	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69440	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	216854	20.00	ng	0.00
76) Chrysene-d12	21.70	240	190397	20.00	ng	0.00
87) Perylene-d12	24.97	264	202161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	121937	127.20	ng	0.00
7) Phenol-d6	7.19	99	177983	129.01	ng	0.00
23) Nitrobenzene-d5	9.20	82	100125	66.12	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	114217	98.12	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	334640	65.95	ng	0.00
79) Terphenyl-d14	20.02	244	740902	71.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	12985	14.333	ng	# 64
51) 2,6-Dinitrotoluene	14.67	165	8797	6.705	ng	# 24
57) 2,4-Dinitrotoluene	14.67	165	8797	4.674	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	7247	2.600	ng	# 1

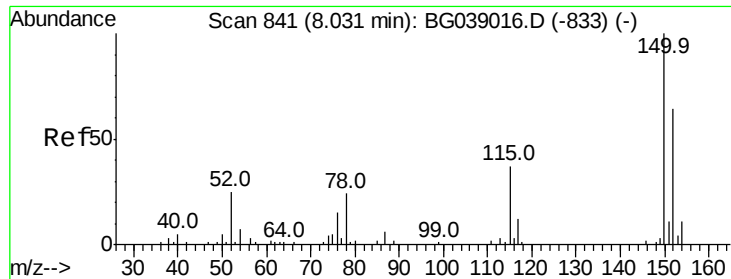
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



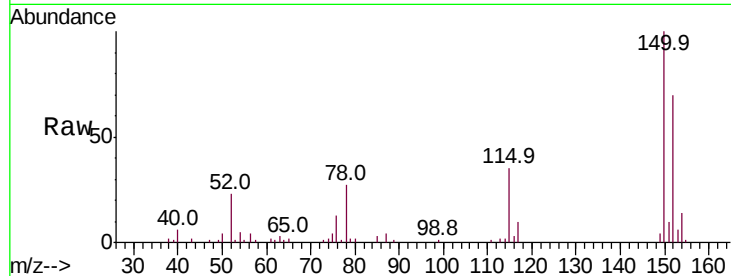


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039070.D
Acq: 11 Jan 2019 2:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.4	124.7	187.1
115	50.5	46.5	69.7

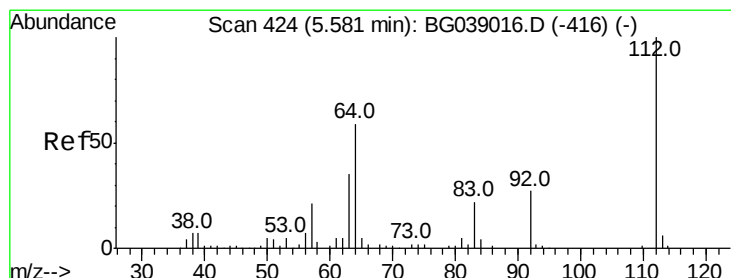
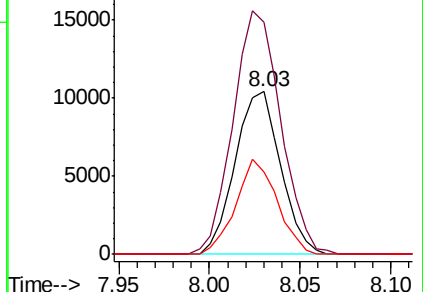
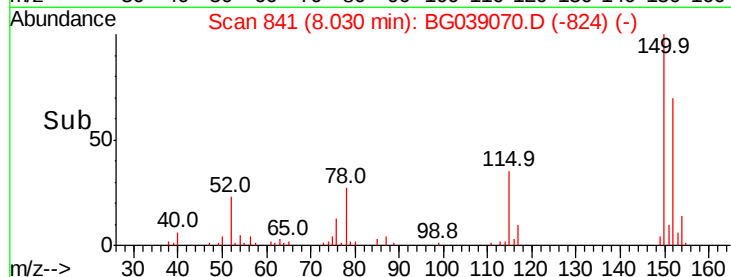


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

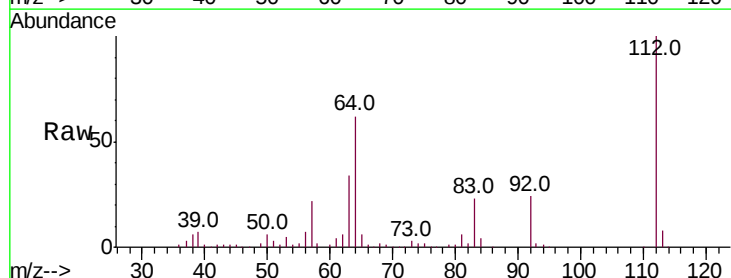
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.200 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039070.D
Acq: 11 Jan 2019 2:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.0	70.6
63	34.5	28.0	42.0

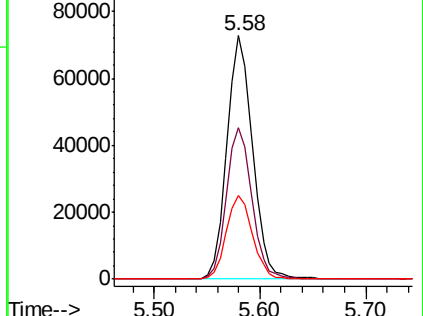
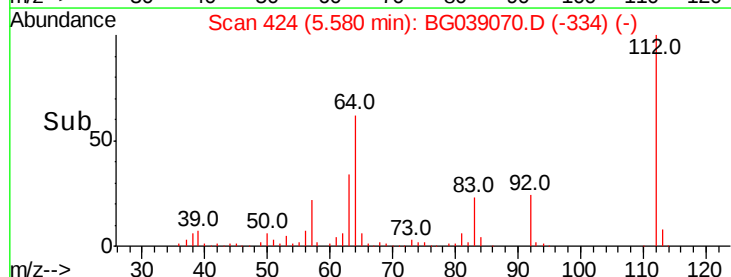


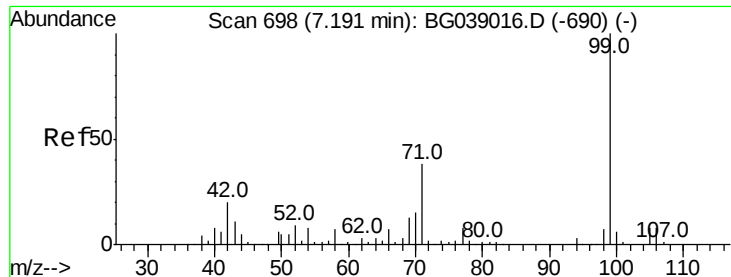
Abundance

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: 129.011 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

Instrument :

BNA_G

ClientSampled :

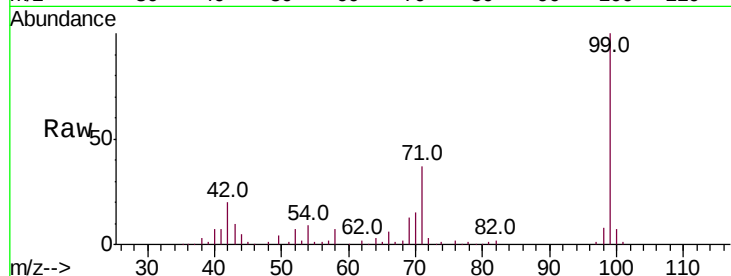
Tot Ion: 99 Resp: 177983

Ion Ratio Lower Upper

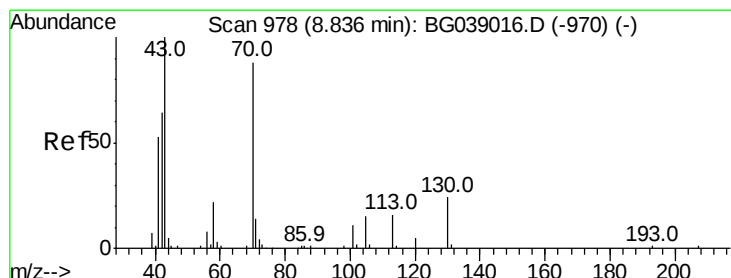
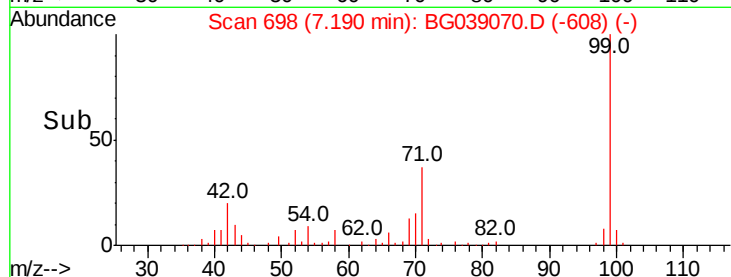
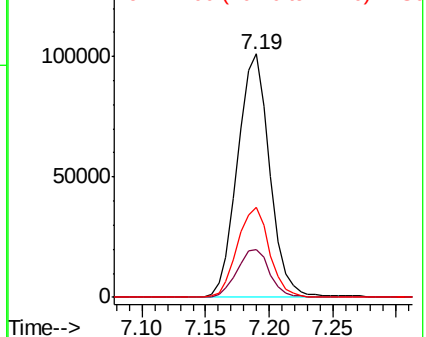
99 100

42 19.8 15.8 23.6

71 37.1 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: 14.333 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.36 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

Tgt Ion: 70 Resp: 12985

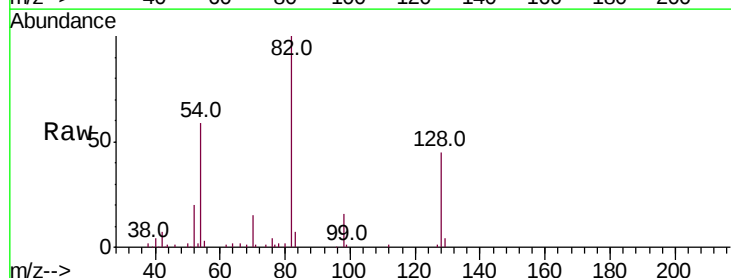
Ion Ratio Lower Upper

70 100

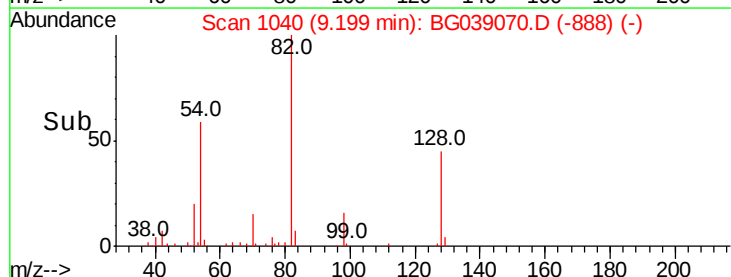
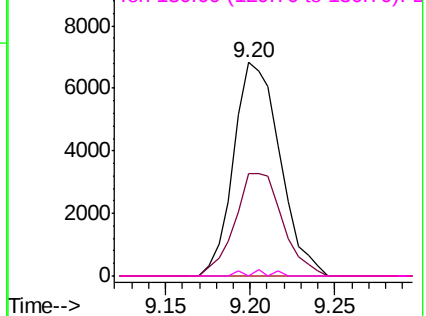
42 47.9 59.0 88.4#

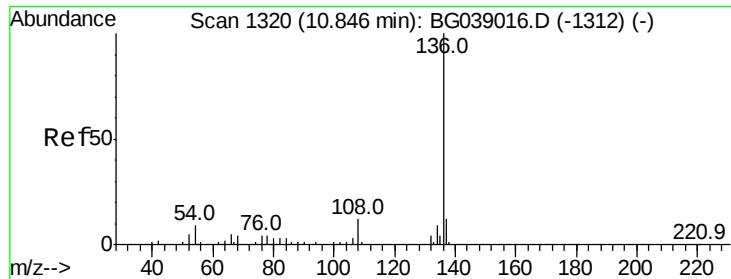
101 0.0 10.4 15.6#

130 0.0 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

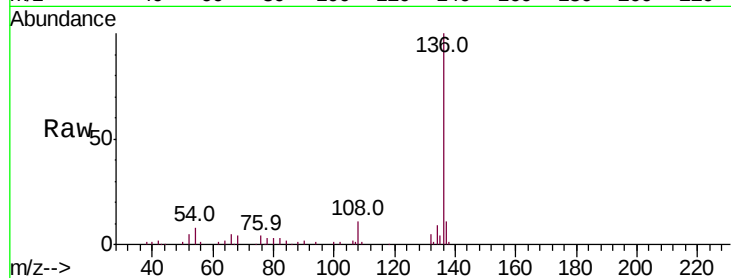




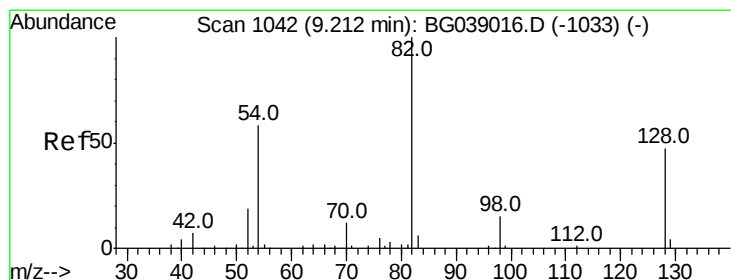
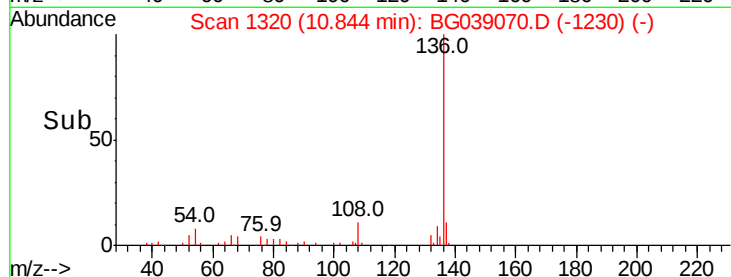
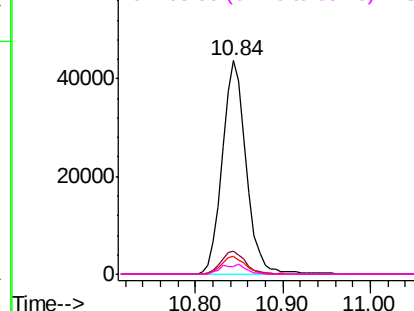
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039070.D
Acq: 11 Jan 2019 2:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	82866
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.4 14.2
54	8.3	7.2 10.8
68	3.7	3.5 5.3

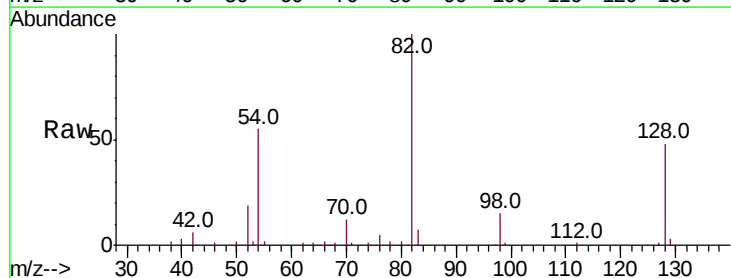


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

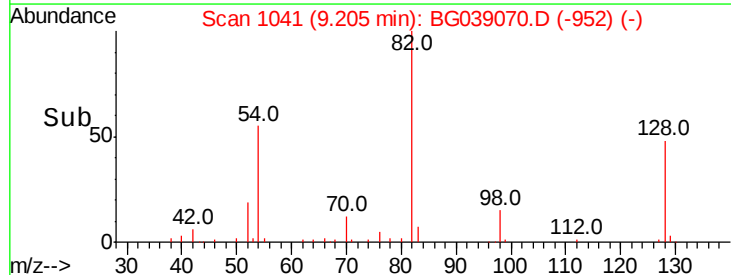
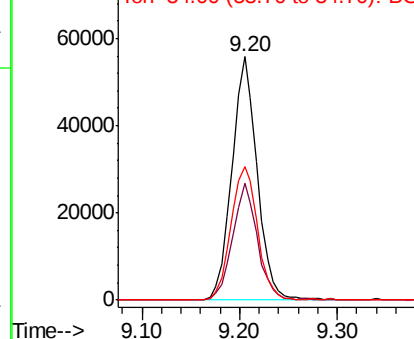


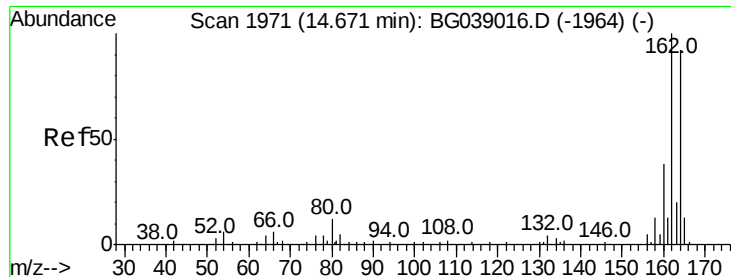
#23
Nitrobenzene-d5
Concen: 66.116 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039070.D
Acq: 11 Jan 2019 2:31

Tgt Ion: 82	Resp:	100125
Ion Ratio	Lower	Upper
82	100	
128	48.1	37.3 55.9
54	54.9	46.4 69.6



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

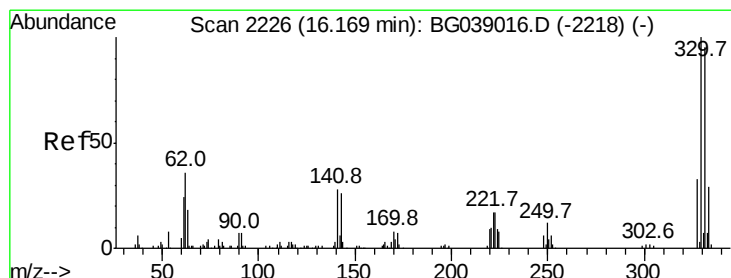
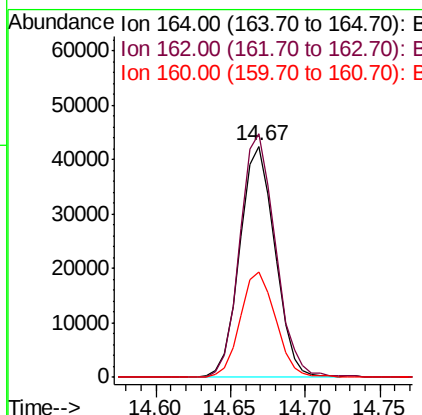
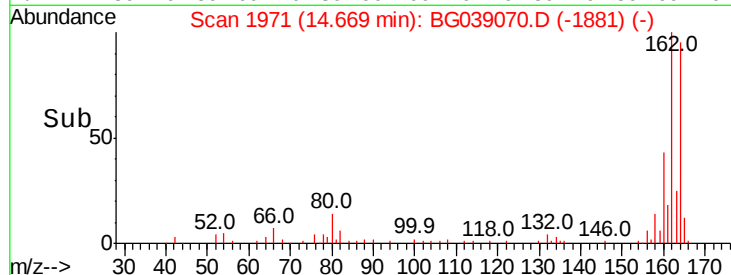
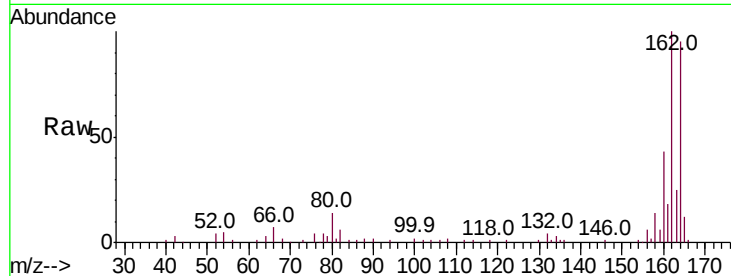




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039070.D
 Acq: 11 Jan 2019 2:31

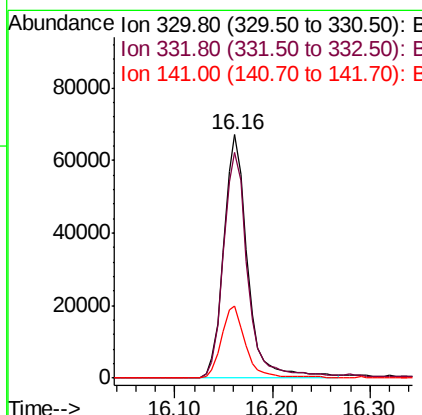
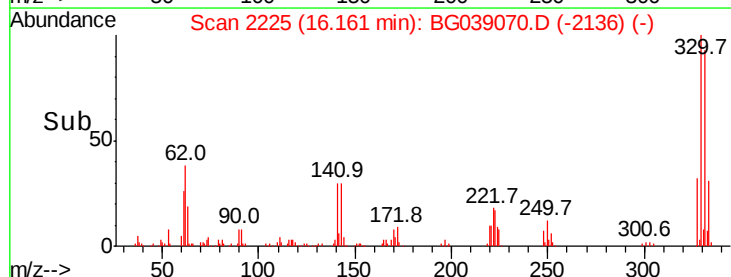
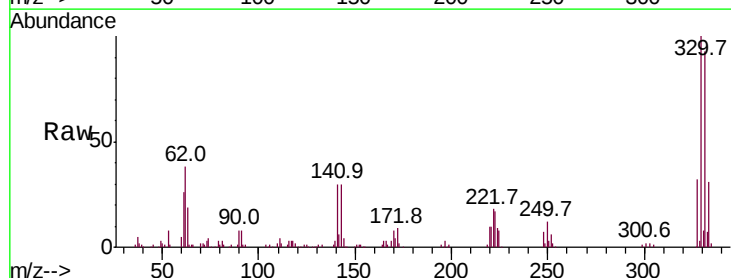
Instrument :
 BNA_G
 ClientSampleId :

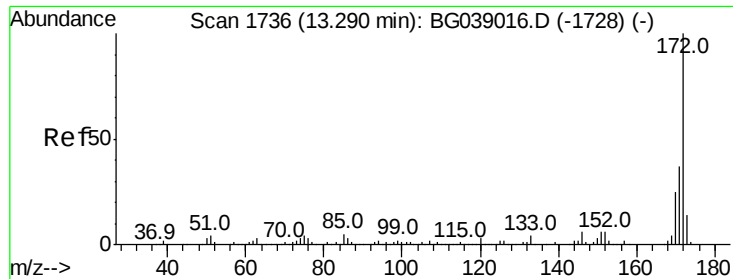
Tot Ion:164 Resp: 69440
 Ion Ratio Lower Upper
 164 100
 162 105.2 87.2 130.8
 160 45.7 33.3 49.9



#42
 2,4,6-Tribromophenol
 Concen: 98.124 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039070.D
 Acq: 11 Jan 2019 2:31

Tgt Ion:330 Resp: 114217
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.7 113.5
 141 29.5 24.9 37.3

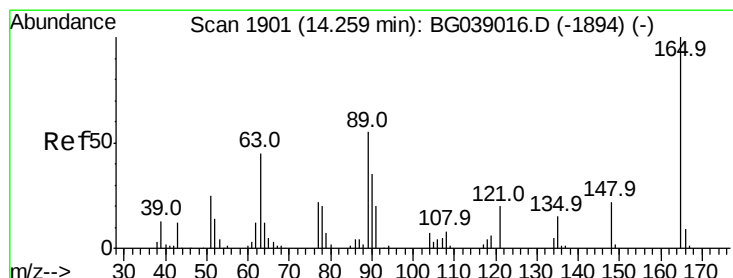
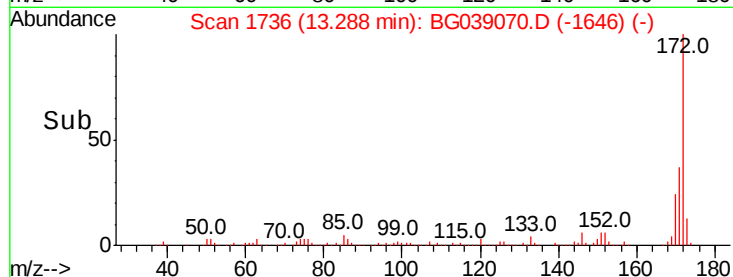
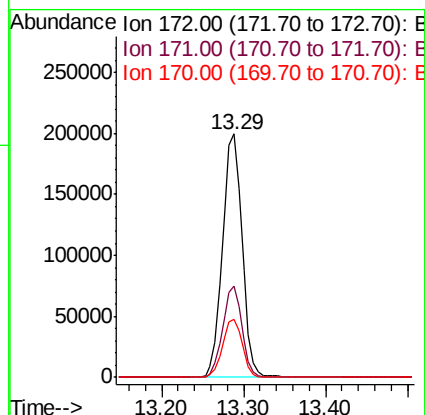
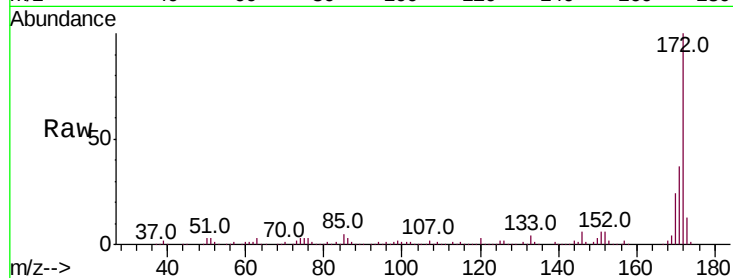




#45
 2-Fluorobiphenyl
 Concen: 65.953 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039070.D
 Acq: 11 Jan 2019 2:31

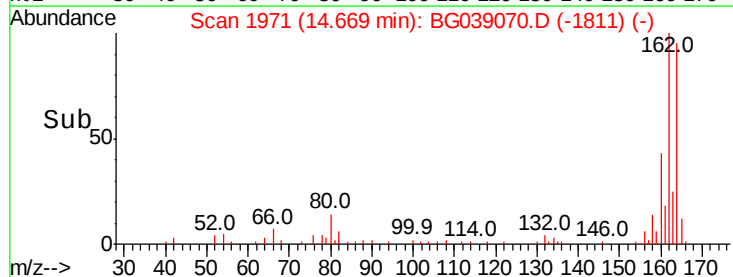
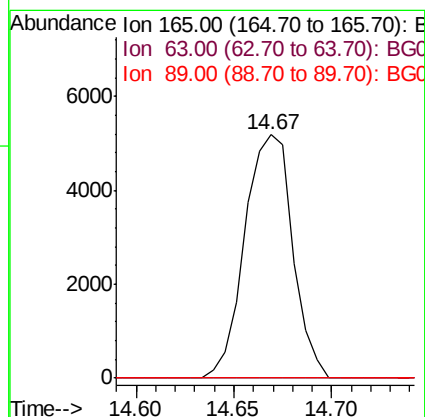
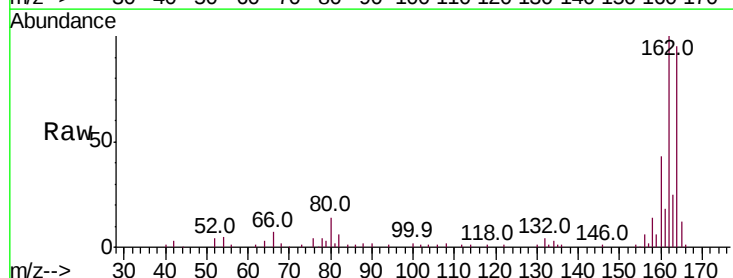
Instrument :
 BNA_G
 ClientSampled :

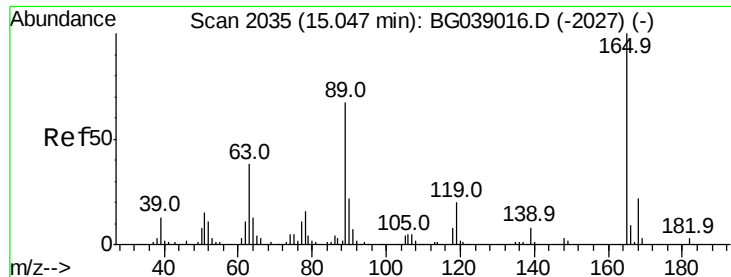
Tot Ion:172 Resp: 334640
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.4 44.0
 170 24.0 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.705 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.41 min
 Lab File: BG039070.D
 Acq: 11 Jan 2019 2:31

Tgt Ion:165 Resp: 8797
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

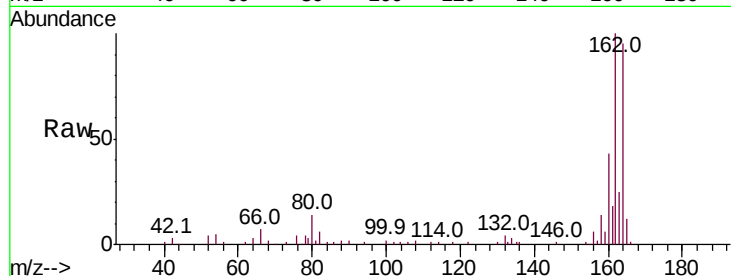




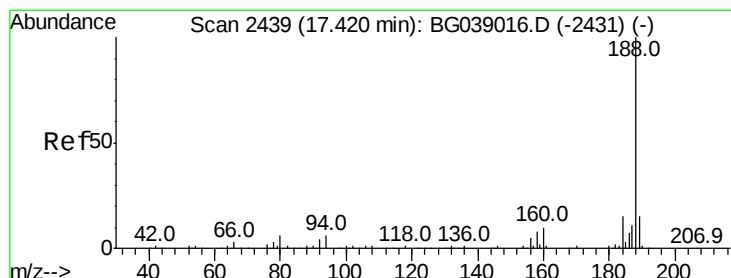
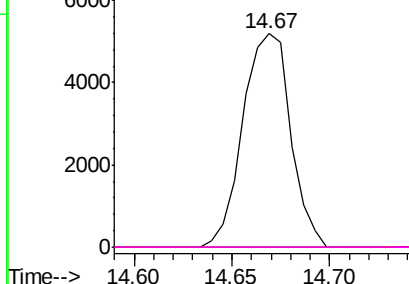
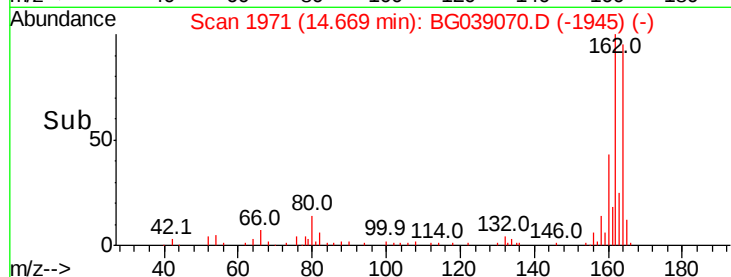
#57
 2,4-Dinitrotoluene
 Concen: 4.674 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.38 min
 Lab File: BG039070.D
 Acq: 11 Jan 2019 2:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 8797
 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#

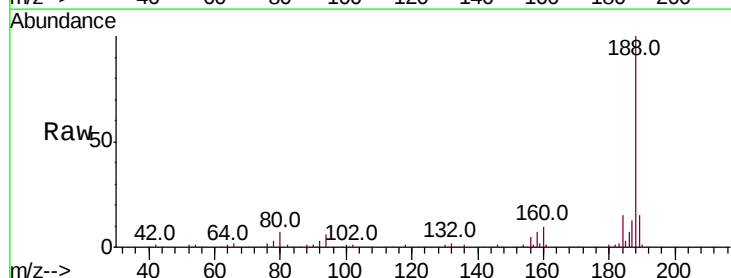


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

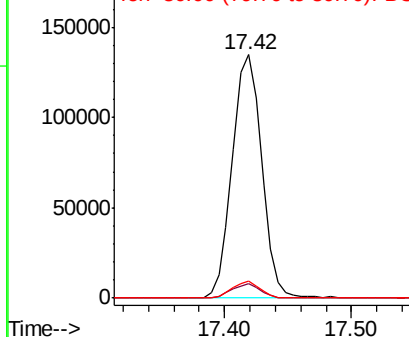
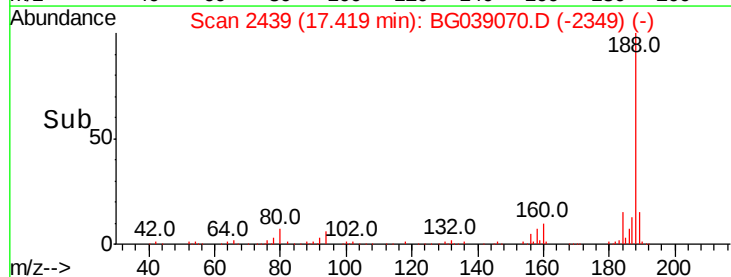


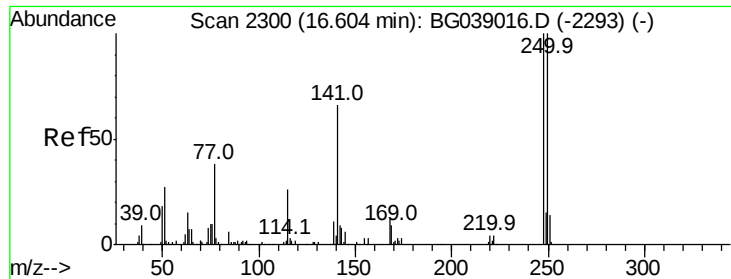
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG039070.D
 Acq: 11 Jan 2019 2:31

Tgt Ion:188 Resp: 216854
 Ion Ratio Lower Upper
 188 100
 94 5.8 5.0 7.4
 80 6.8 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: 2.600 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.44 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

Instrument :

BNA_G

ClientSampled :

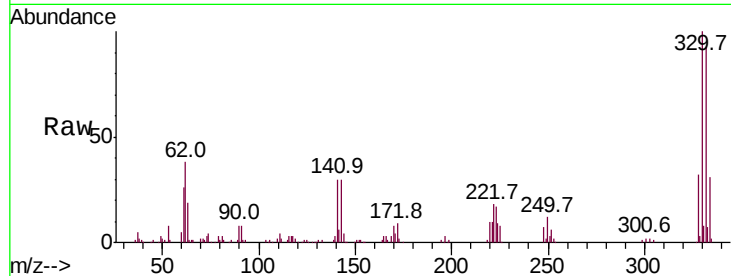
Tot Ion:248 Resp: 7247

Ion Ratio Lower Upper

248 100

250 182.2 79.9 119.9#

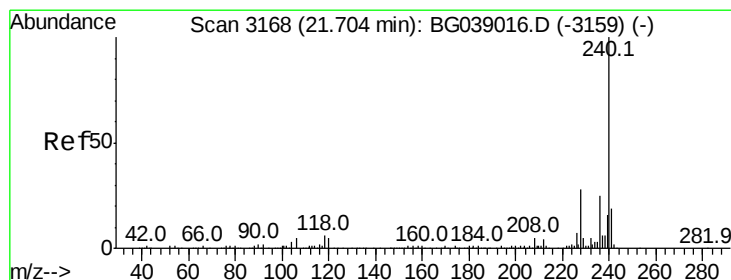
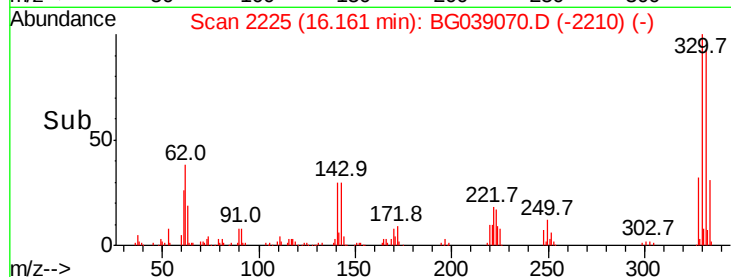
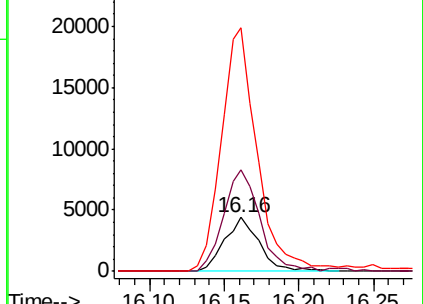
141 342.9 52.7 79.1#



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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

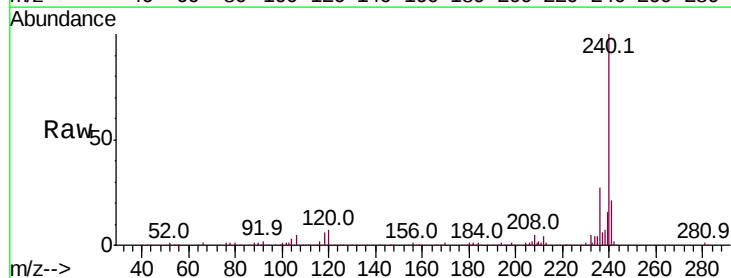
Tgt Ion:240 Resp: 190397

Ion Ratio Lower Upper

240 100

120 6.5 4.3 6.5#

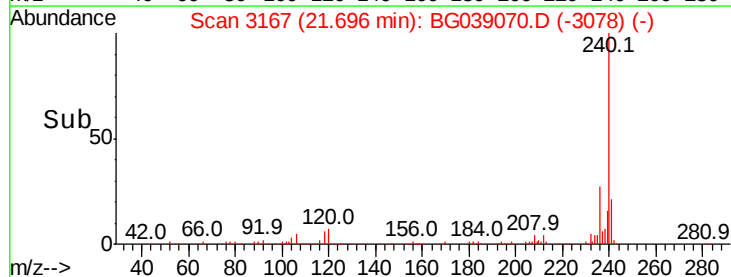
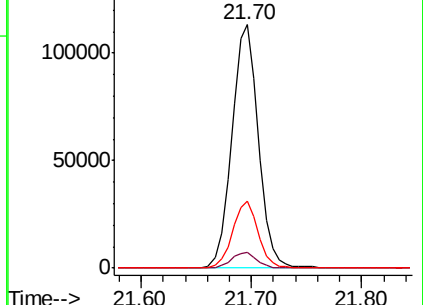
236 27.4 20.1 30.1

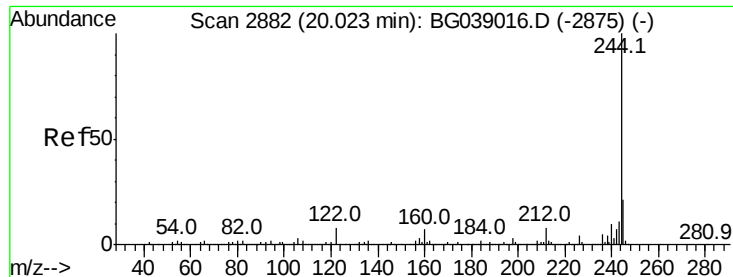


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.986 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

Instrument :

BNA_G

ClientSampleId :

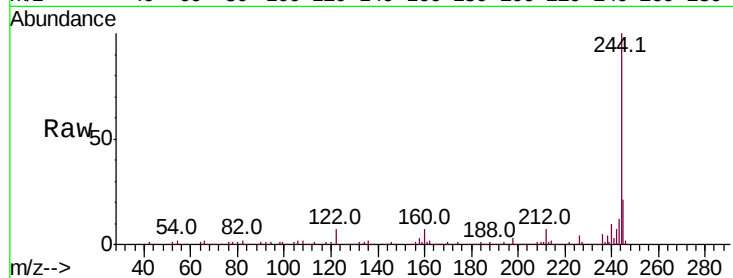
Tot Ion:244 Resp: 740902

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

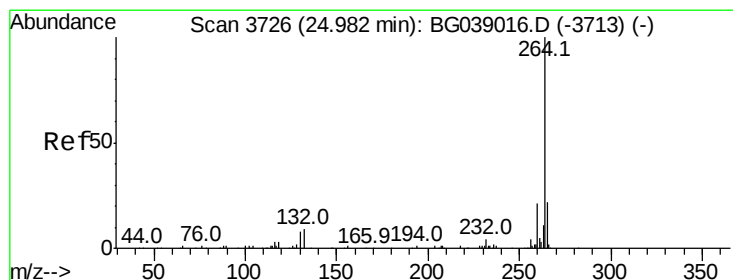
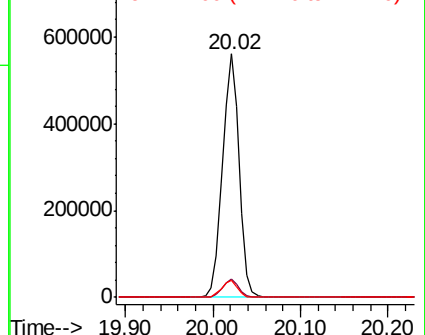
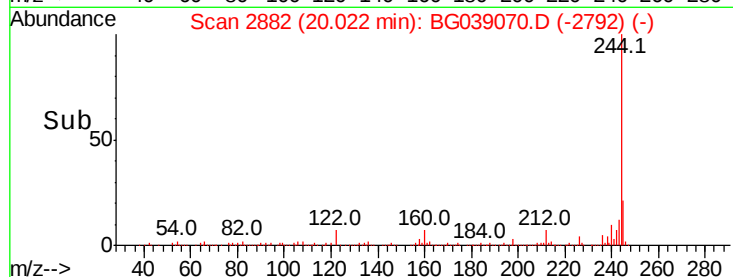
122 6.8 6.1 9.1



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: 24.97 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039070.D

Acq: 11 Jan 2019 2:31

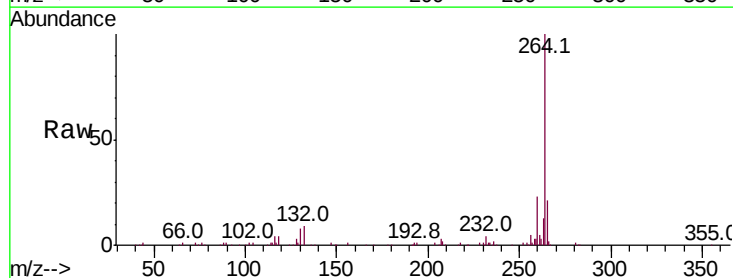
Tgt Ion:264 Resp: 202161

Ion Ratio Lower Upper

264 100

260 23.0 17.0 25.6

265 21.2 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

