

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039076.D
 Acq On : 11 Jan 2019 6:27
 Operator : JU/SJ
 Sample : K1083-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 08:30:21 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

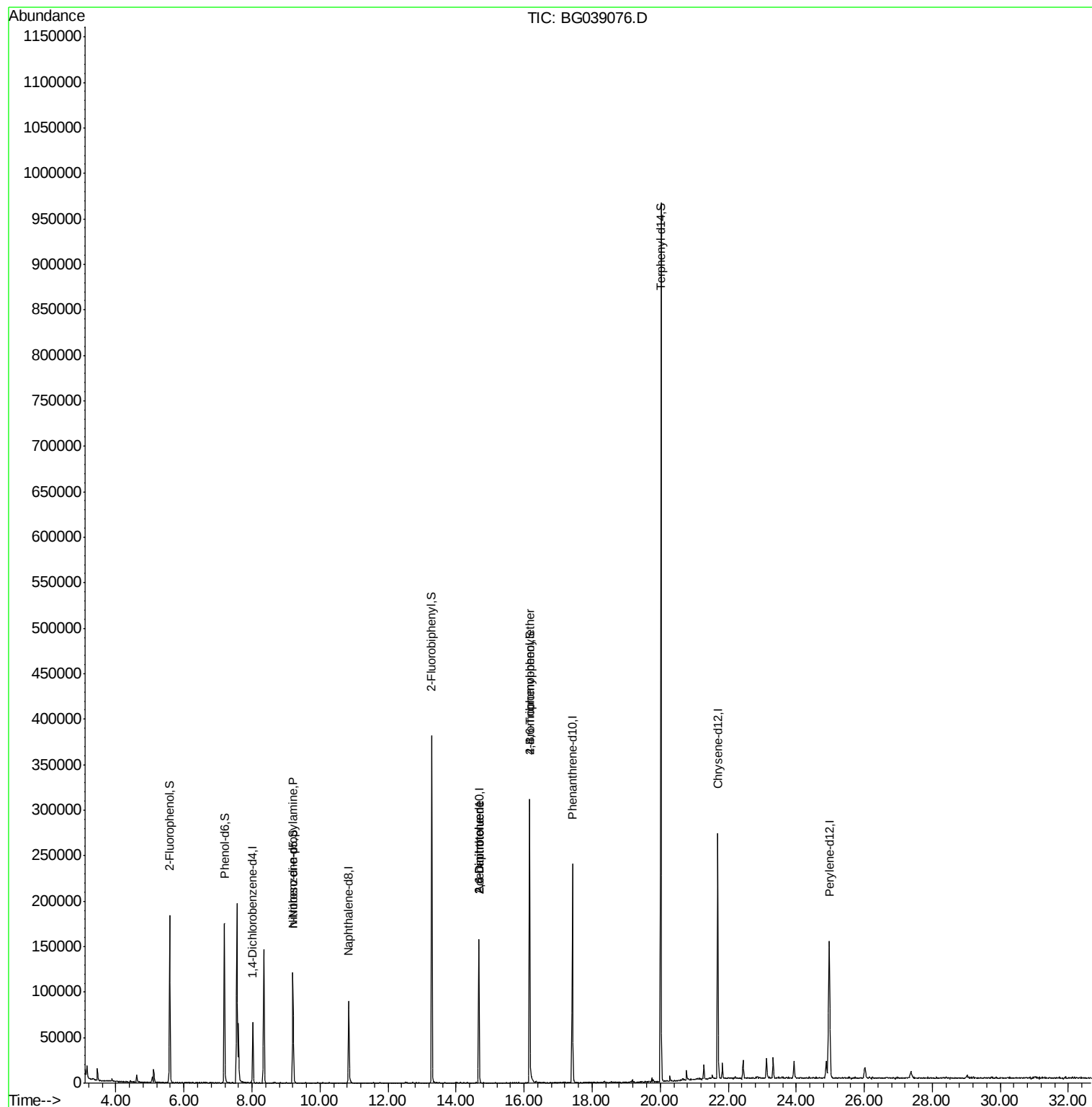
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19888	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	81441	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	60199	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	166737	20.00	ng	0.00
76) Chrysene-d12	21.69	240	183064	20.00	ng	-0.01
87) Perylene-d12	24.97	264	194213	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	84740	80.83	ng	0.00
7) Phenol-d6	7.18	99	109349	72.47	ng	0.00
23) Nitrobenzene-d5	9.20	82	74428	50.01	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	76838	76.14	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	223559	50.82	ng	0.00
79) Terphenyl-d14	20.02	244	519664	52.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	9875	9.967	ng	# 64
51) 2,6-Dinitrotoluene	14.66	165	7911	6.956	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7911	4.848	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	4913	2.292	ng	# 1

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

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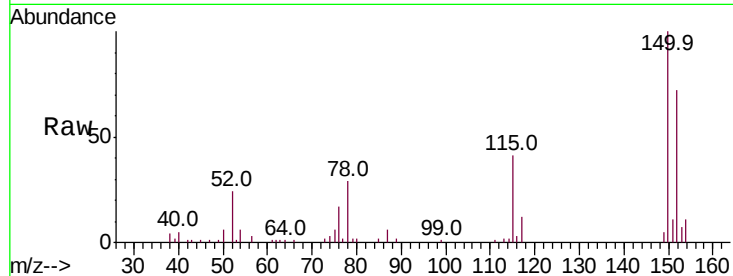


#1

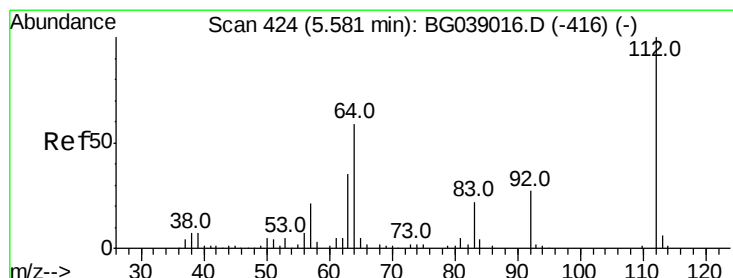
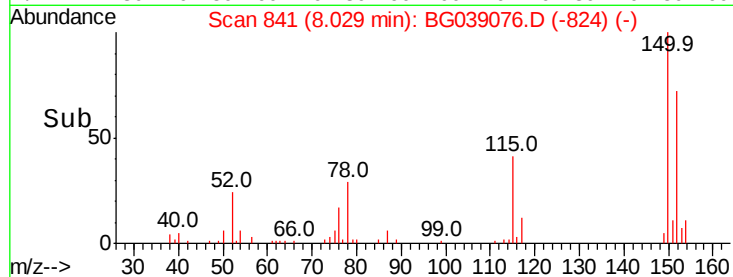
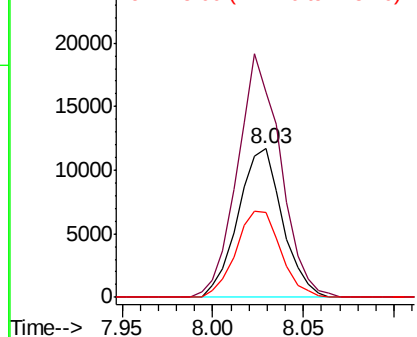
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039076.D
Acq: 11 Jan 2019 6:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 19888
Ion Ratio Lower Upper
152 100
150 138.4 124.7 187.1
115 57.1 46.5 69.7



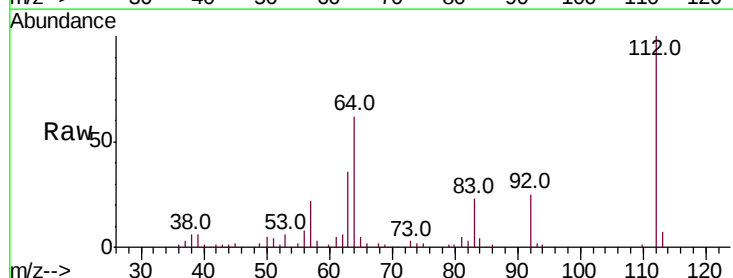
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



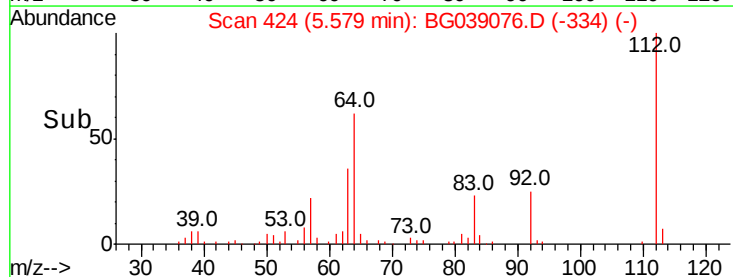
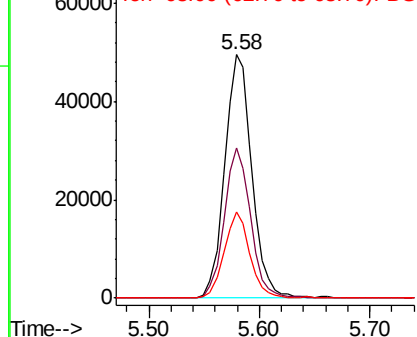
#5

2-Fluorophenol
Concen: 80.828 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039076.D
Acq: 11 Jan 2019 6:27

Tgt Ion:112 Resp: 84740
Ion Ratio Lower Upper
112 100
64 61.6 47.0 70.6
63 35.6 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: 72.475 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

Instrument :

BNA_G

ClientSampleId :

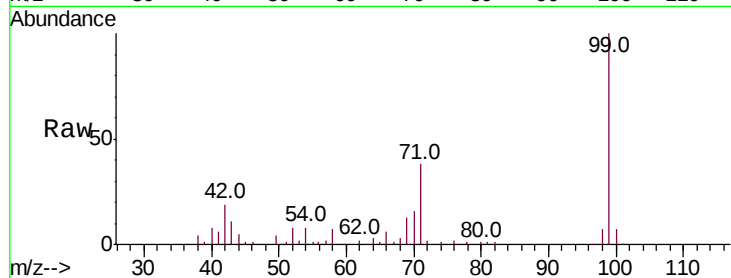
Tot Ion: 99 Resp: 109349

Ion Ratio Lower Upper

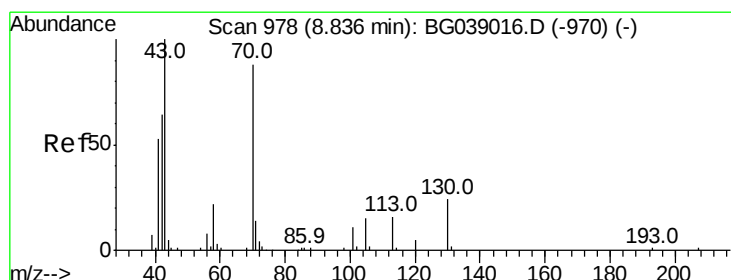
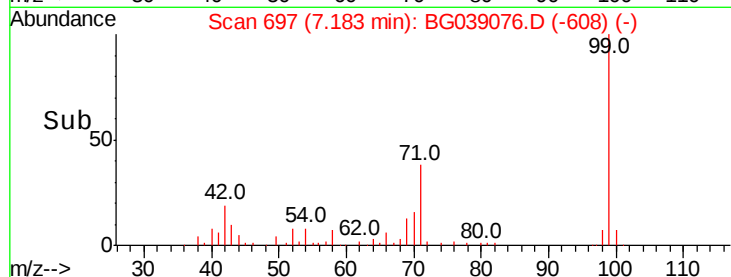
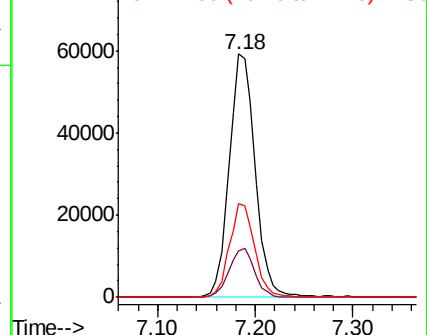
99 100

42 18.9 15.8 23.6

71 38.4 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: 9.967 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

Tgt Ion: 70 Resp: 9875

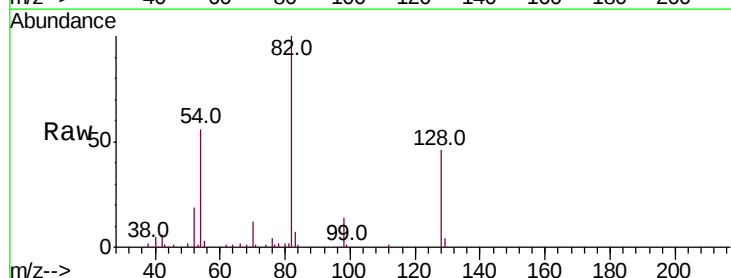
Ion Ratio Lower Upper

70 100

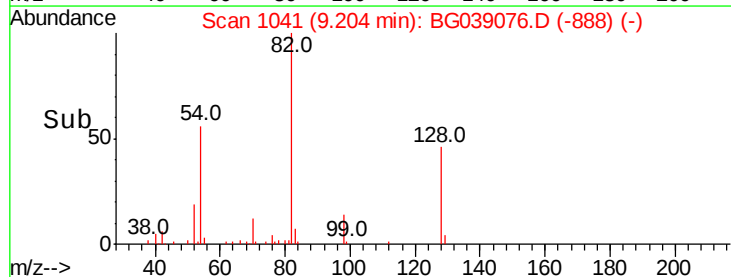
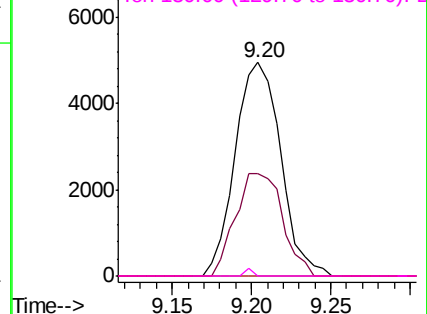
42 47.9 59.0 88.4#

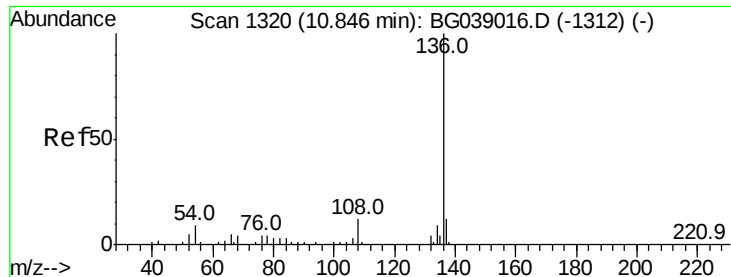
101 0.0 10.4 15.6#

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: BG039076.D

Acq: 11 Jan 2019 6:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 81441

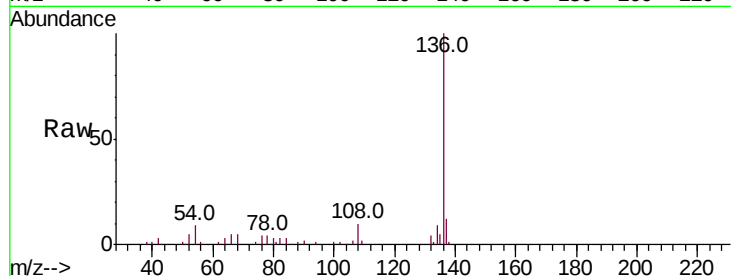
Ion Ratio Lower Upper

136 100

137 12.5 9.4 14.2

54 9.4 7.2 10.8

68 4.6 3.5 5.3

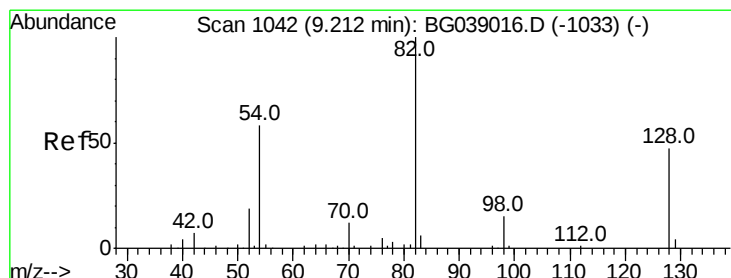
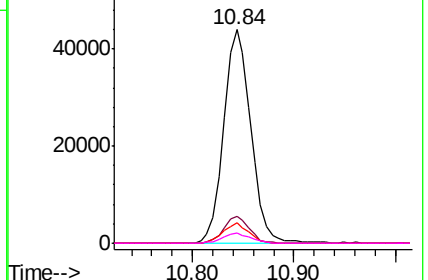
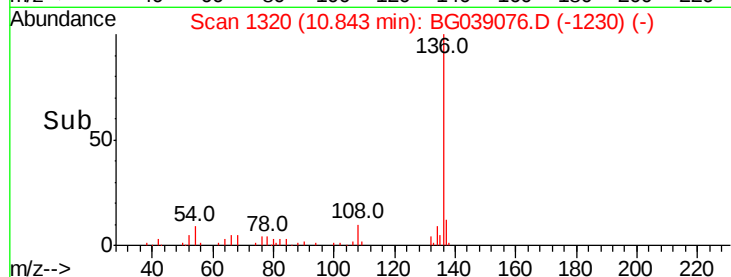


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.008 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

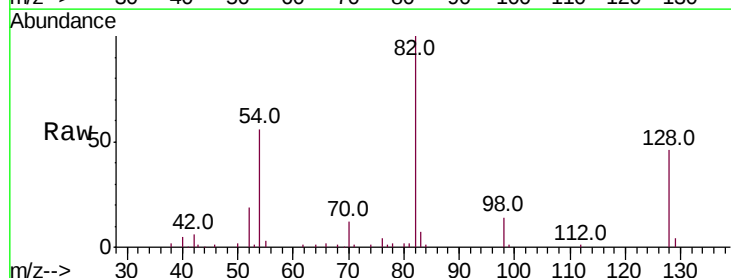
Tgt Ion: 82 Resp: 74428

Ion Ratio Lower Upper

82 100

128 45.6 37.3 55.9

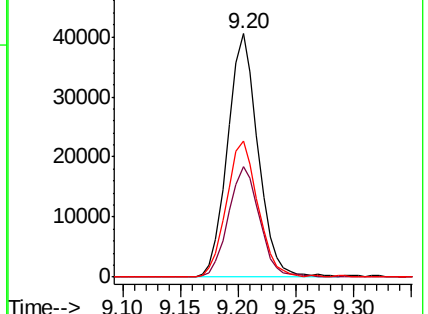
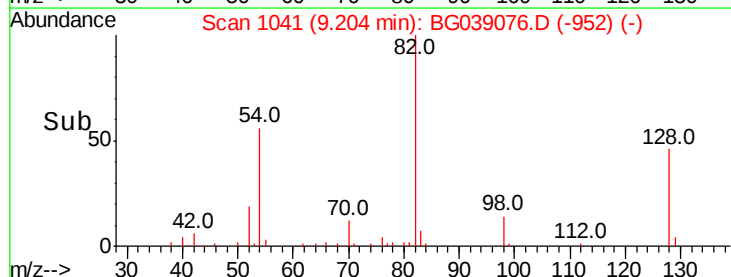
54 56.0 46.4 69.6

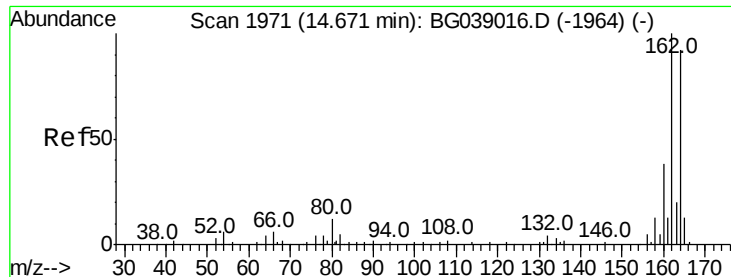


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

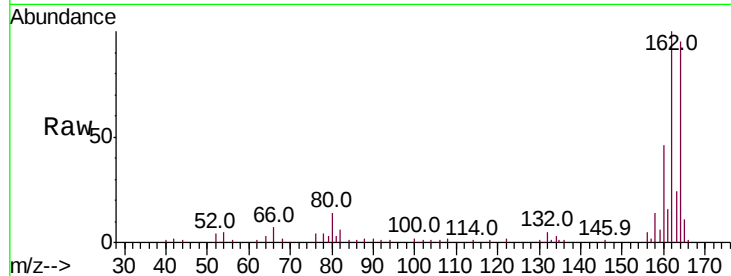




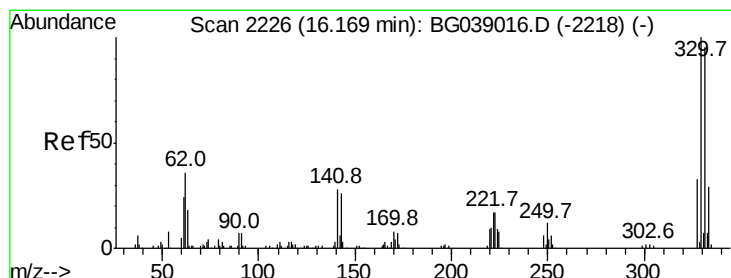
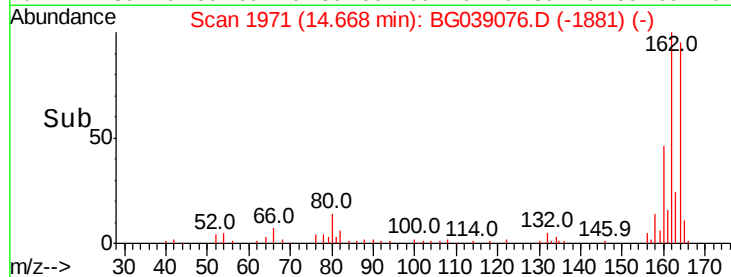
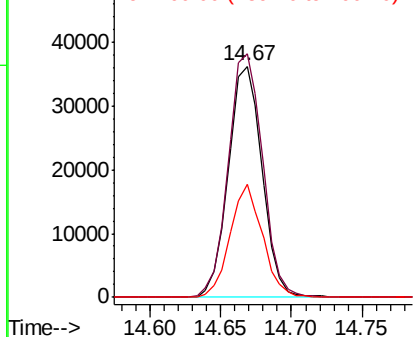
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039076.D
Acq: 11 Jan 2019 6:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 60199
Ion Ratio Lower Upper
164 100
162 105.4 87.2 130.8
160 48.7 33.3 49.9

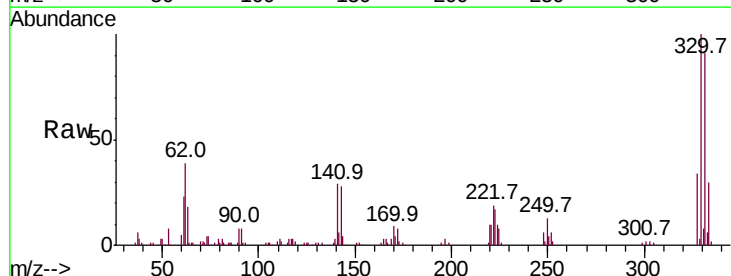


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

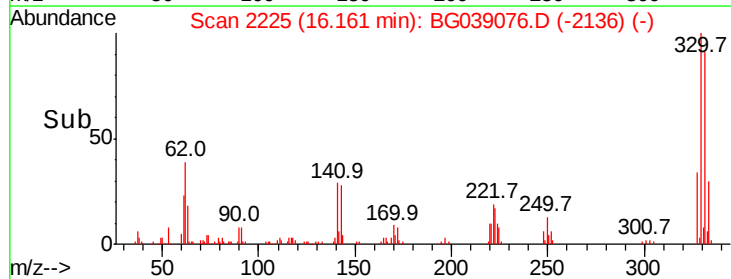
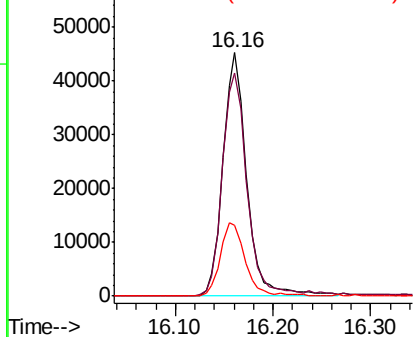


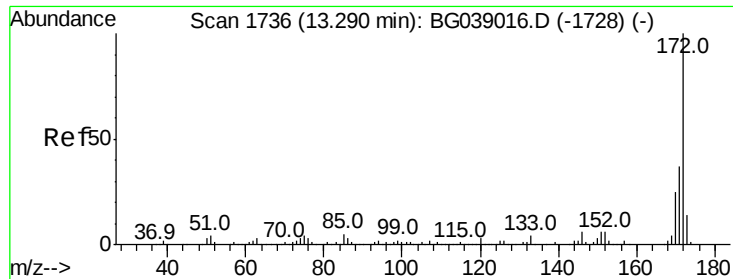
#42
2,4,6-Tribromophenol
Concen: 76.145 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039076.D
Acq: 11 Jan 2019 6:27

Tgt Ion:330 Resp: 76838
Ion Ratio Lower Upper
330 100
332 96.9 75.7 113.5
141 31.6 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

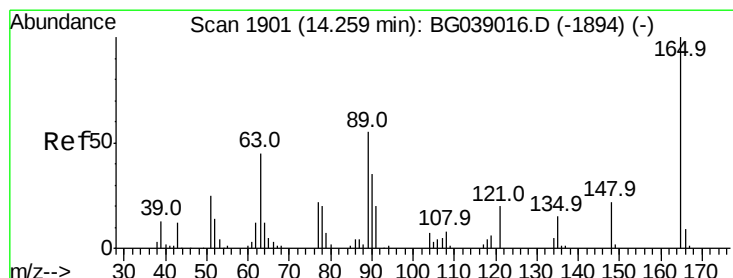
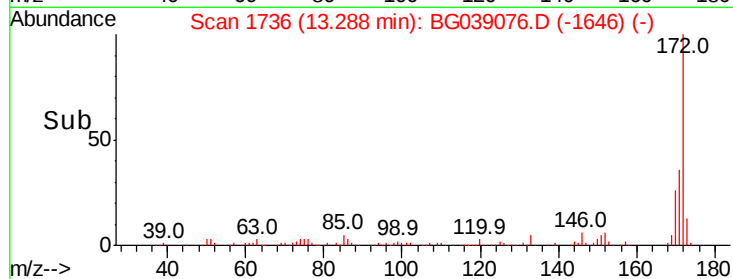
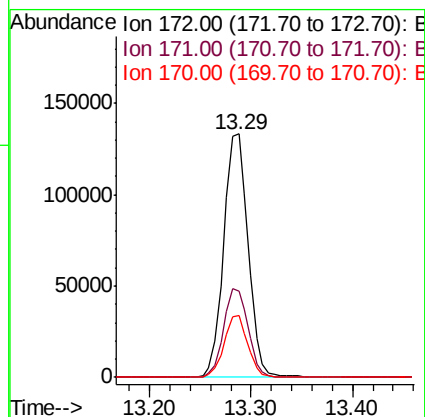
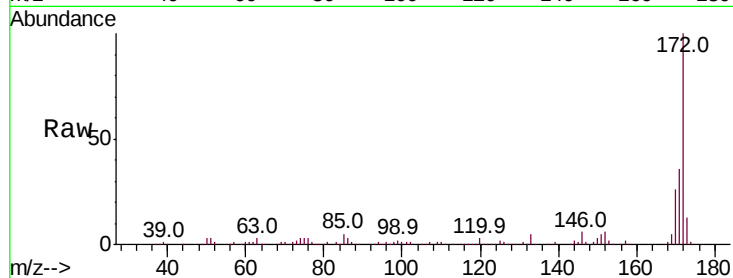




#45
 2-Fluorobiphenyl
 Concen: 50.824 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039076.D
 Acq: 11 Jan 2019 6:27

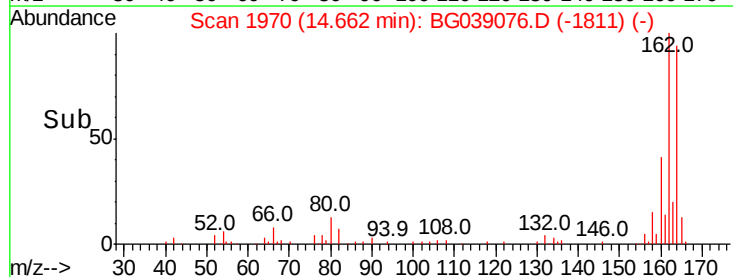
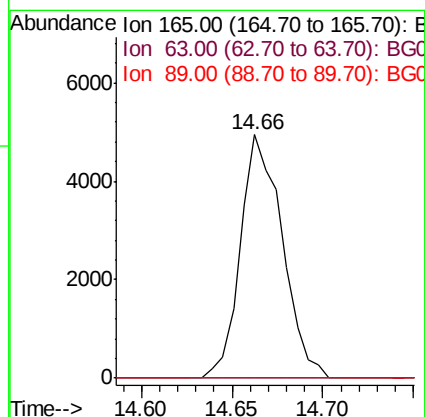
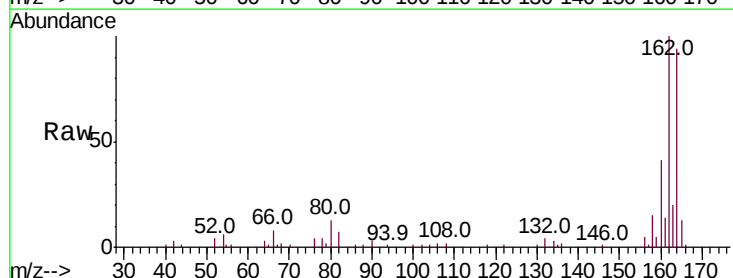
Instrument :
 BNA_G
 ClientSampleId :

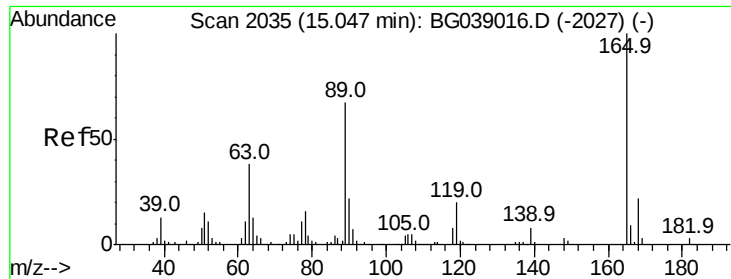
Tot Ion:	172	Resp:	223559
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	25.6	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.956 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.40 min
 Lab File: BG039076.D
 Acq: 11 Jan 2019 6:27

Tgt Ion:	165	Resp:	7911
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#

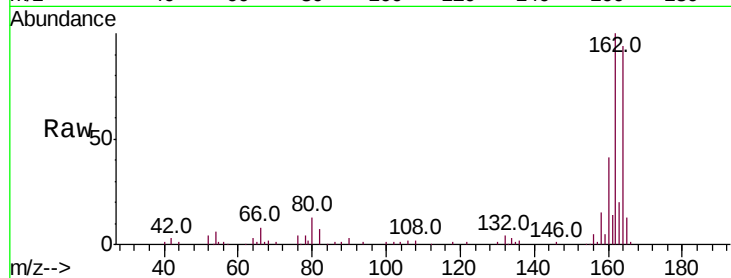




#57
 2,4-Dinitrotoluene
 Concen: 4.848 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.38 min
 Lab File: BG039076.D
 Acq: 11 Jan 2019 6:27

Instrument :
 BNA_G
 ClientSampleId :

Tot 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#

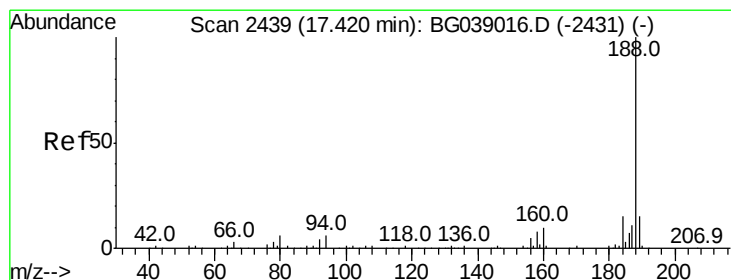
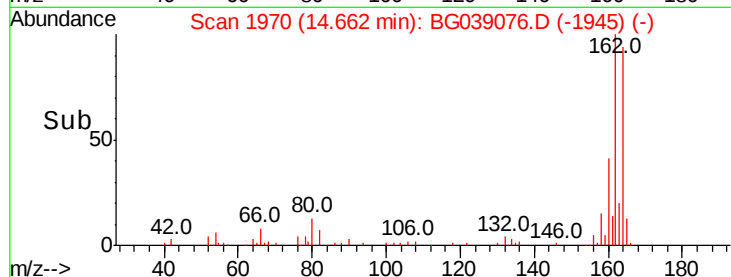
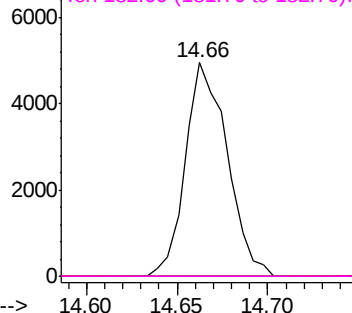


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

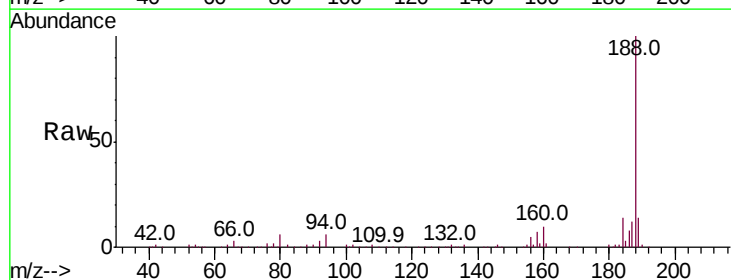
Ion 89.00 (88.70 to 89.70): BGC

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: BG039076.D
 Acq: 11 Jan 2019 6:27

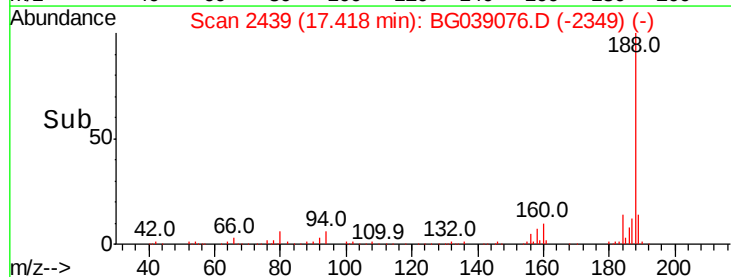
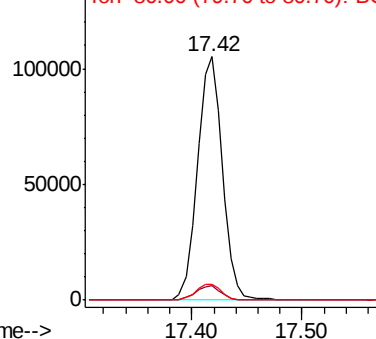
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.4
80	6.4	4.7	7.1

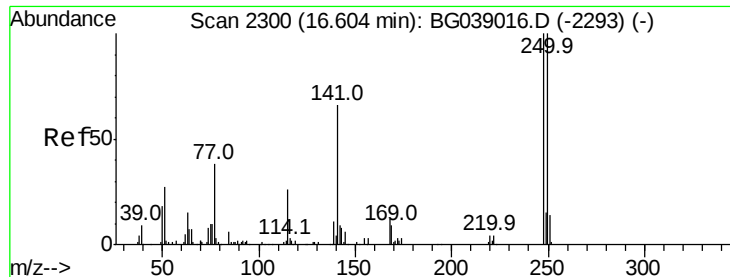


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

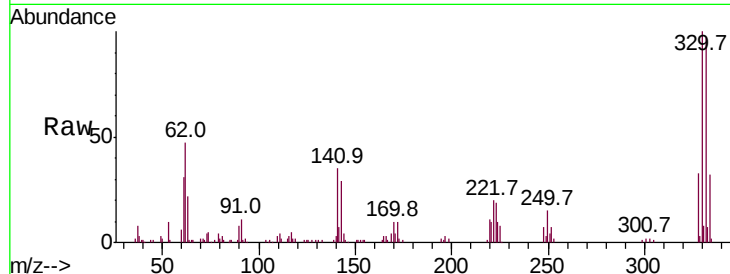




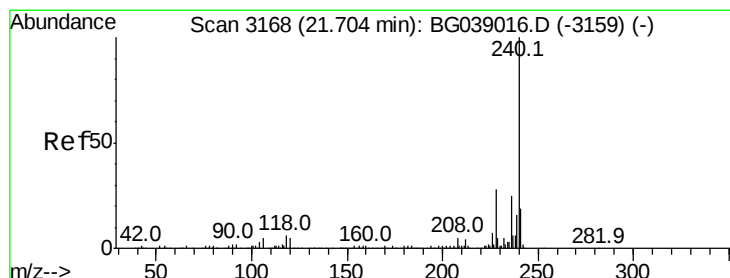
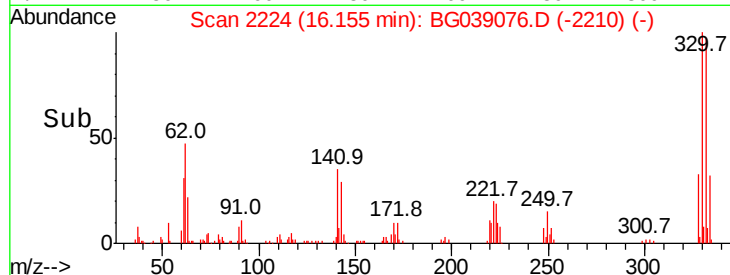
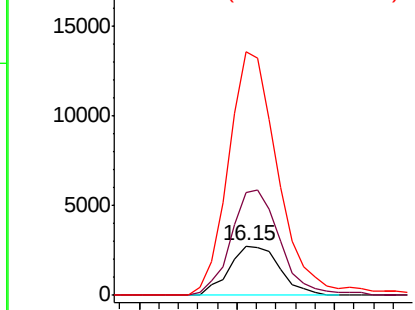
#67
 4-Bromophenyl-phenylether
 Concen: 2.292 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG039076.D
 Acq: 11 Jan 2019 6:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 4913
 Ion Ratio Lower Upper
 248 100
 250 268.6 79.9 119.9#
 141 494.0 52.7 79.1#

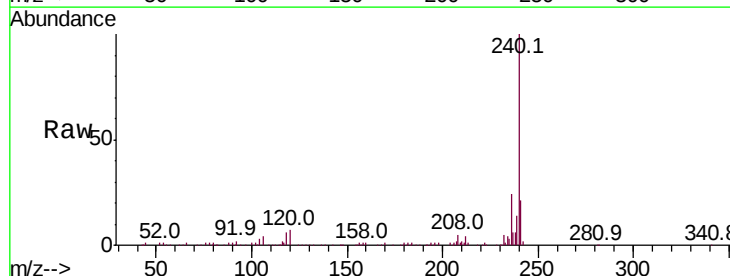


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

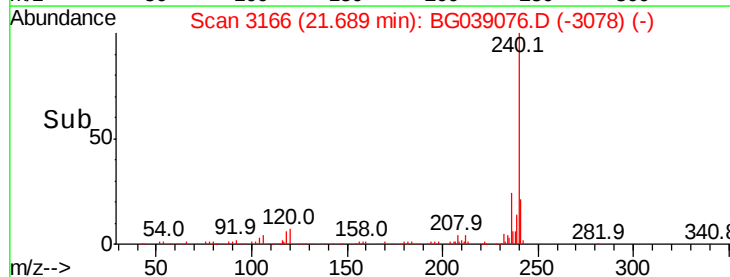
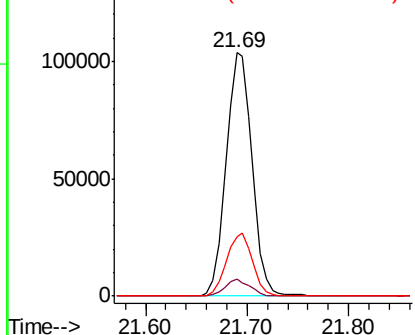


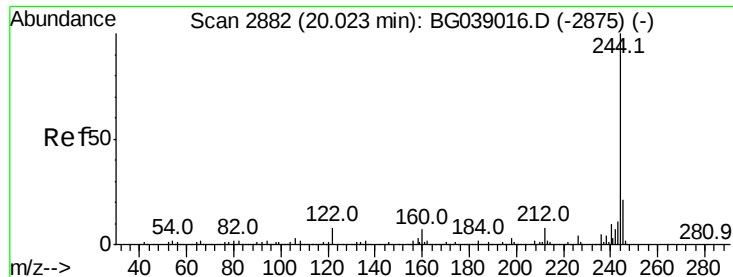
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039076.D
 Acq: 11 Jan 2019 6:27

Tgt Ion:240 Resp: 183064
 Ion Ratio Lower Upper
 240 100
 120 7.0 4.3 6.5#
 236 24.4 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: 52.513 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

Instrument :

BNA_G

ClientSampled :

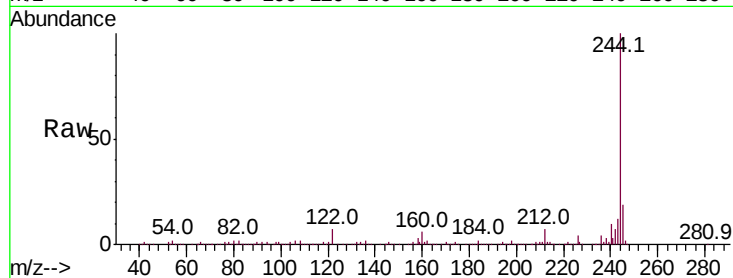
Tot Ion:244 Resp: 519664

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

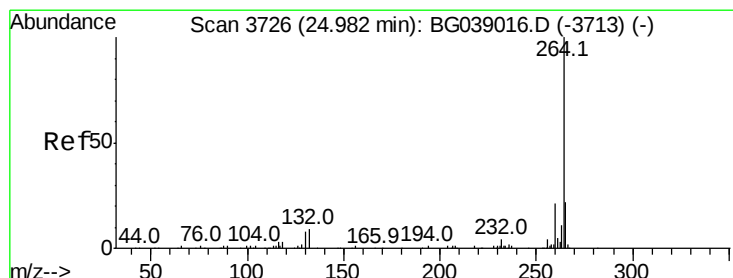
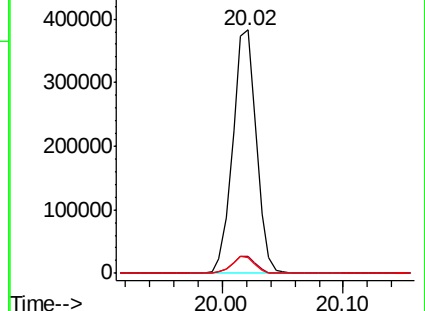
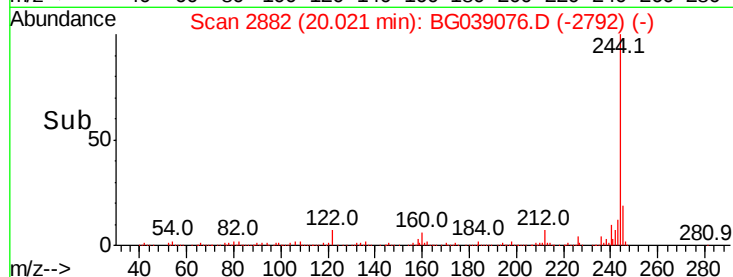
122 6.6 6.1 9.1



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# 3724

Delta R.T. -0.01 min

Lab File: BG039076.D

Acq: 11 Jan 2019 6:27

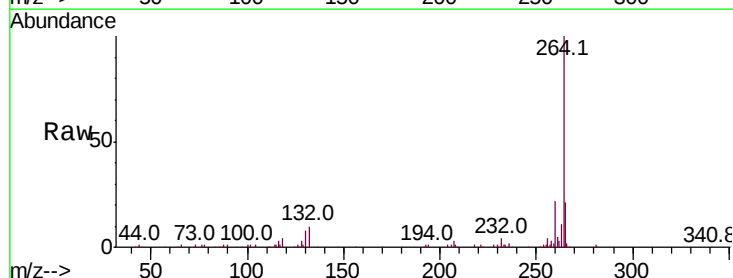
Tgt Ion:264 Resp: 194213

Ion Ratio Lower Upper

264 100

260 21.7 17.0 25.6

265 21.5 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

