

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039133.D
 Acq On : 15 Jan 2019 15:14
 Operator : JU/SJ
 Sample : PB116382BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 15 16:59:01 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

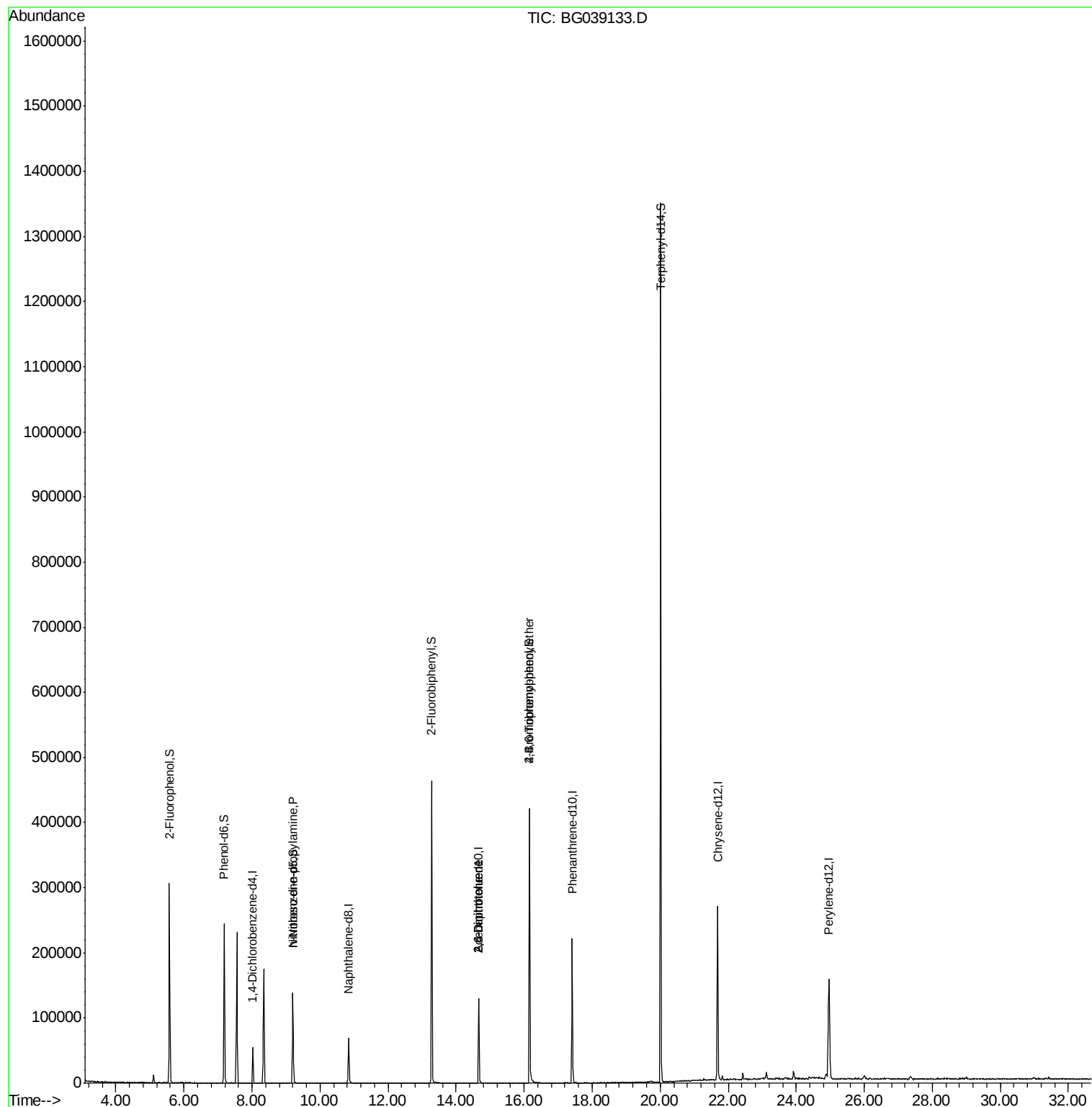
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	16327	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	69123	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	50953	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	153757	20.00	ng	0.00
76) Chrysene-d12	21.69	240	180990	20.00	ng	-0.01
87) Perylene-d12	24.96	264	199423	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	142798	165.91	ng	0.00
7) Phenol-d6	7.18	99	144998	117.06	ng	0.00
23) Nitrobenzene-d5	9.20	82	84979	67.27	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	99483	116.48	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	270681	72.70	ng	0.00
79) Terphenyl-d14	20.02	244	679387	69.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	11227	13.803	ng	# 64
51) 2,6-Dinitrotoluene	14.66	165	6755	7.017	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	6755	4.891	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	6308	3.192	ng	# 1

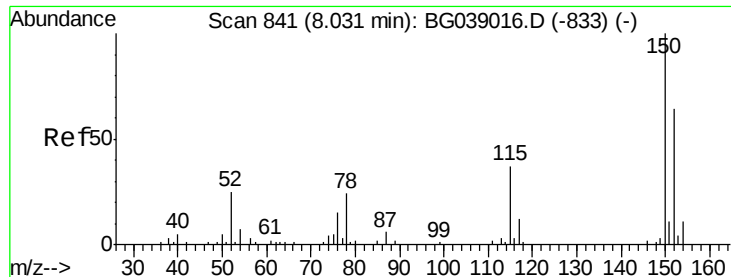
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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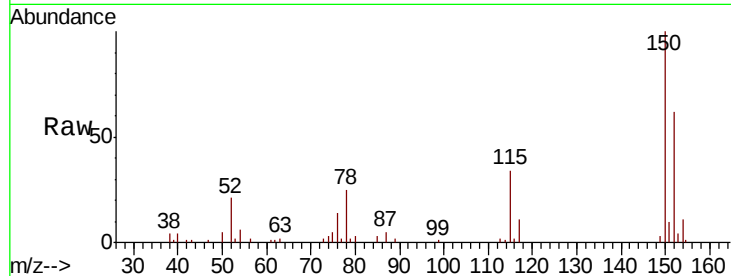


#1

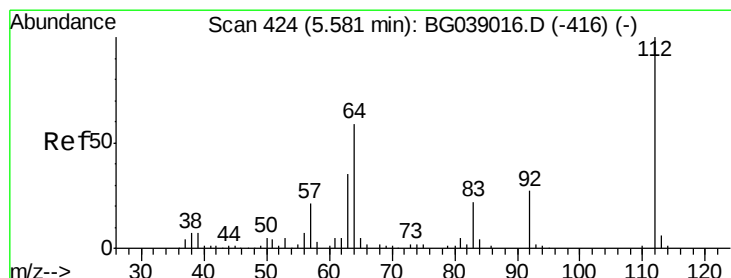
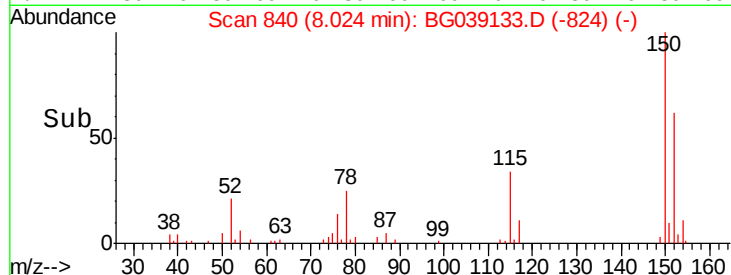
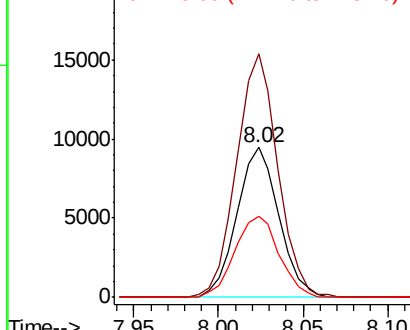
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039133.D
Acq: 15 Jan 2019 15:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 16327
Ion Ratio Lower Upper
152 100
150 162.4 124.7 187.1
115 54.5 46.5 69.7



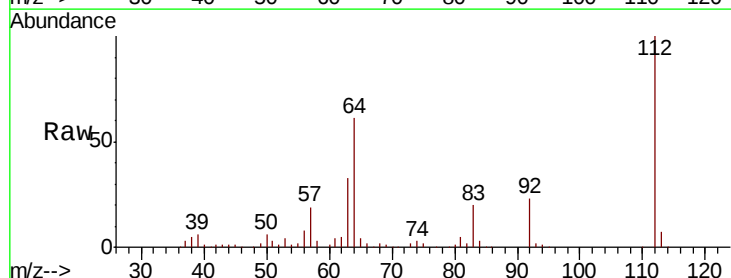
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



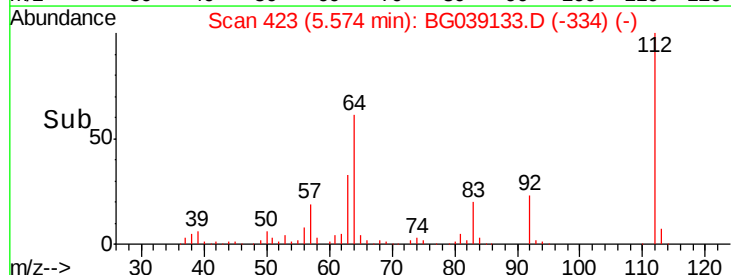
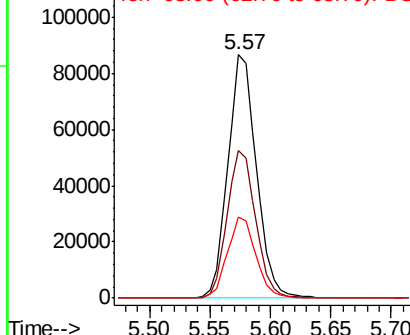
#5

2-Fluorophenol
Concen: 165.912 ng
RT: 5.57 min Scan# 423
Delta R.T. -0.01 min
Lab File: BG039133.D
Acq: 15 Jan 2019 15:14

Tgt Ion:112 Resp: 142798
Ion Ratio Lower Upper
112 100
64 60.5 47.0 70.6
63 33.3 28.0 42.0



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: 117.063 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039133.D

Acq: 15 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

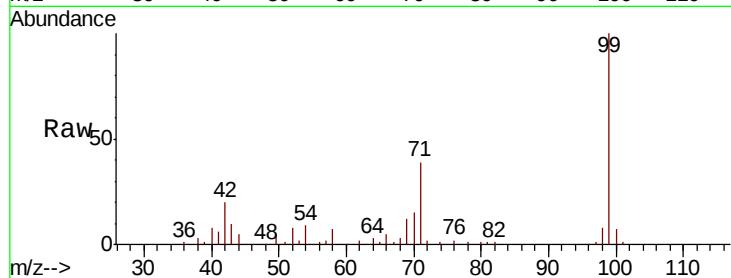
Tot Ion: 99 Resp: 144998

Ion Ratio Lower Upper

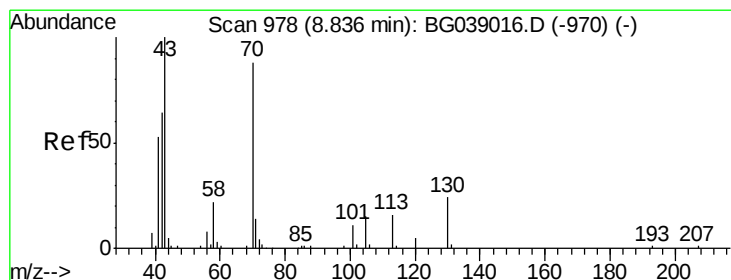
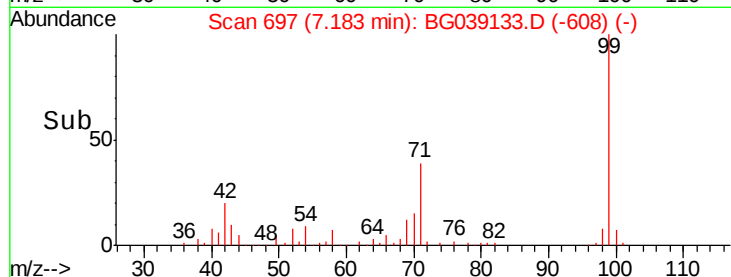
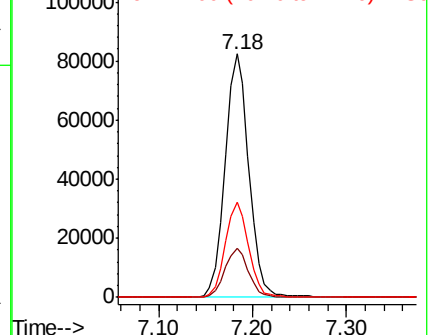
99 100

42 20.1 15.8 23.6

71 39.2 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: 13.803 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.36 min

Lab File: BG039133.D

Acq: 15 Jan 2019 15:14

Tgt Ion: 70 Resp: 11227

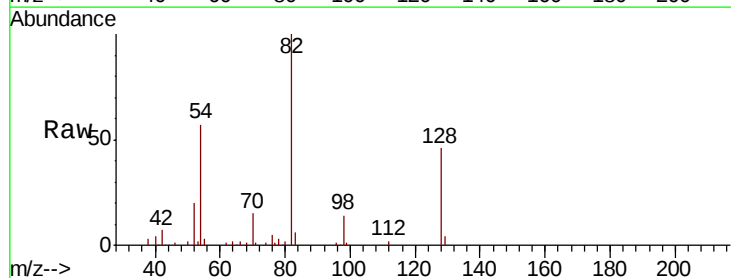
Ion Ratio Lower Upper

70 100

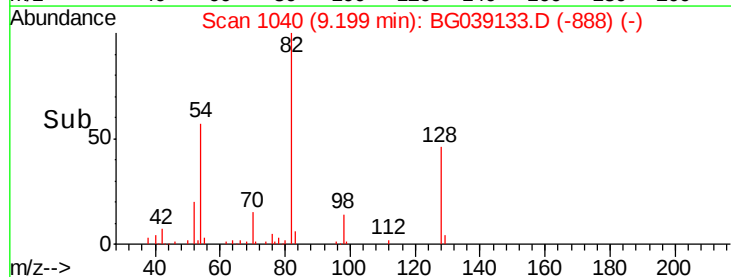
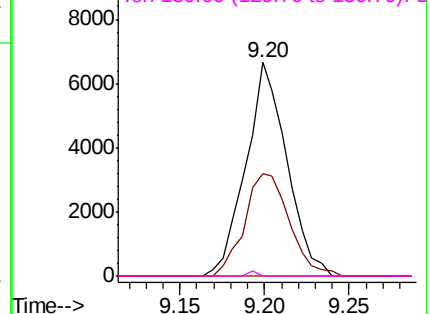
42 47.8 59.0 88.4#

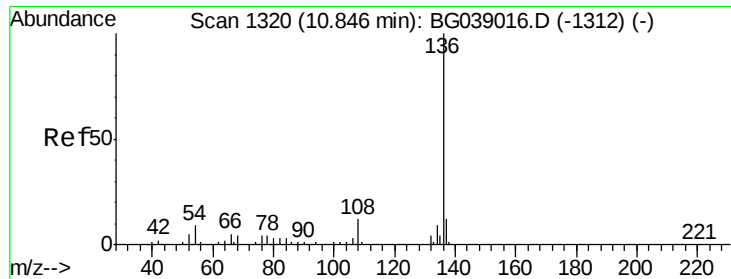
101 0.0 10.4 15.6#

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

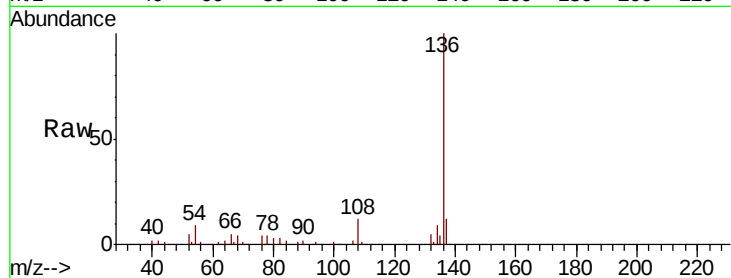




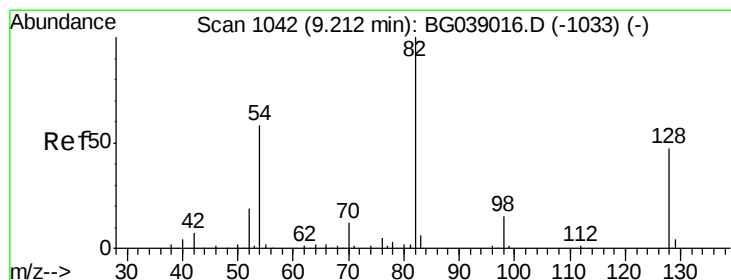
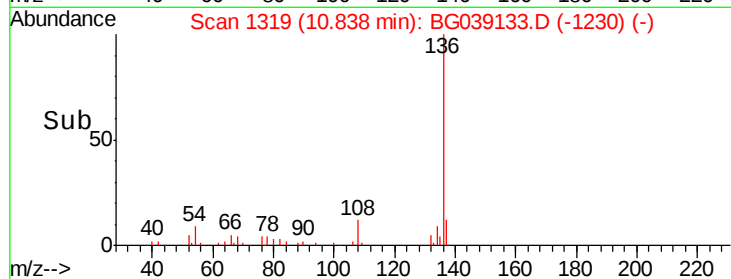
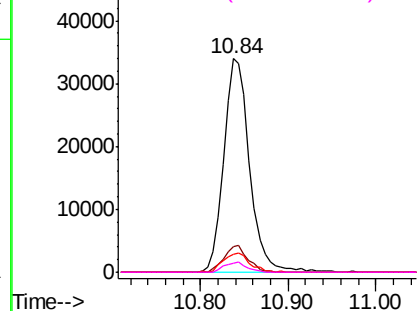
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039133.D
Acq: 15 Jan 2019 15:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	69123
Ion	Ratio	Lower Upper
136	100	
137	12.3	9.4 14.2
54	8.7	7.2 10.8
68	4.3	3.5 5.3

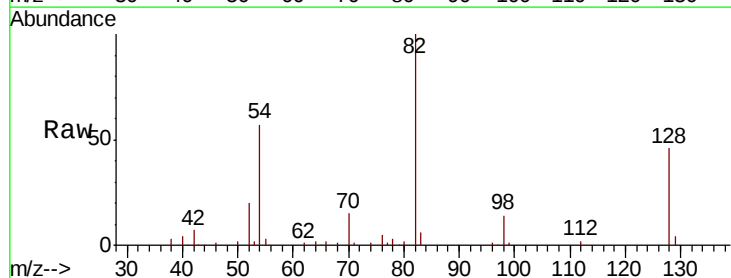


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

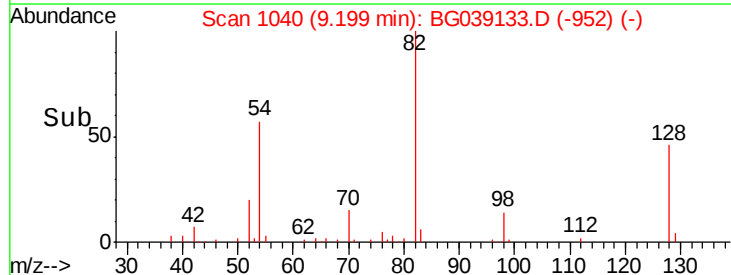
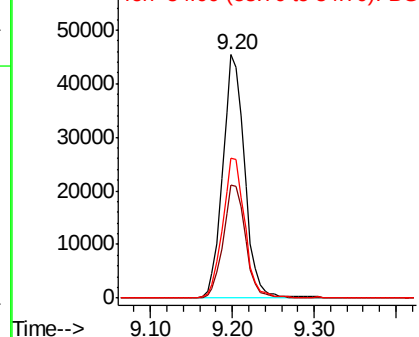


#23
Nitrobenzene-d5
Concen: 67.271 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039133.D
Acq: 15 Jan 2019 15:14

Tgt Ion: 82	Resp:	84979
Ion	Ratio	Lower Upper
82	100	
128	46.4	37.3 55.9
54	57.3	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: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039133.D

Acq: 15 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

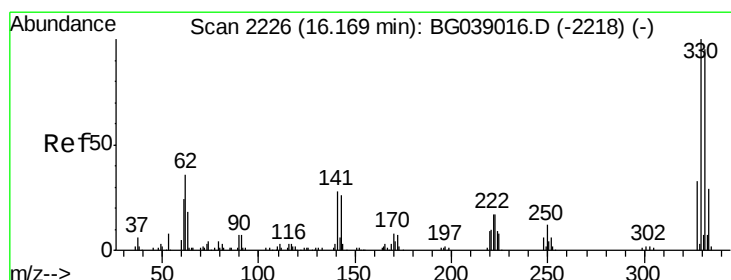
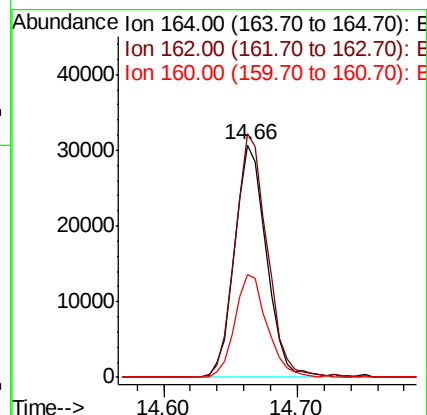
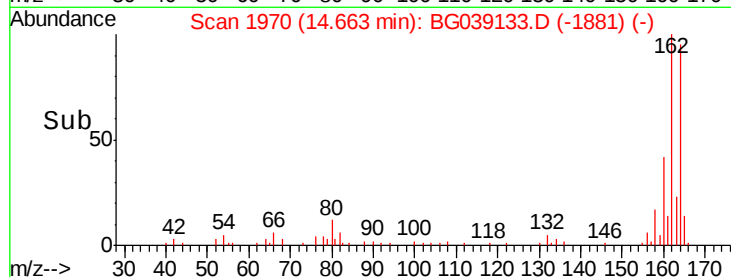
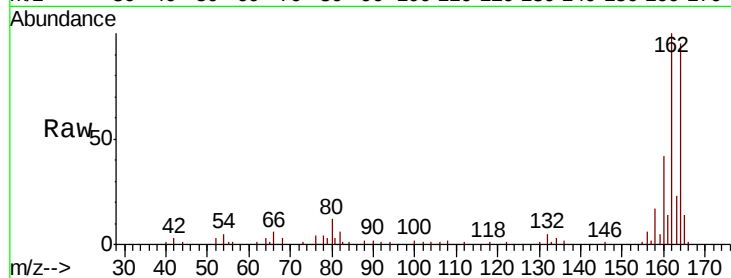
Tot Ion:164 Resp: 50953

Ion Ratio Lower Upper

164 100

162 104.9 87.2 130.8

160 44.0 33.3 49.9



#42

2,4,6-Tribromophenol

Concen: 116.475 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039133.D

Acq: 15 Jan 2019 15:14

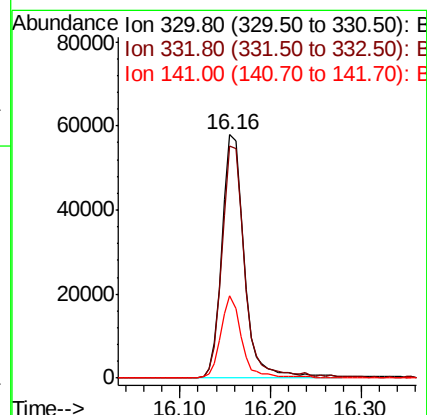
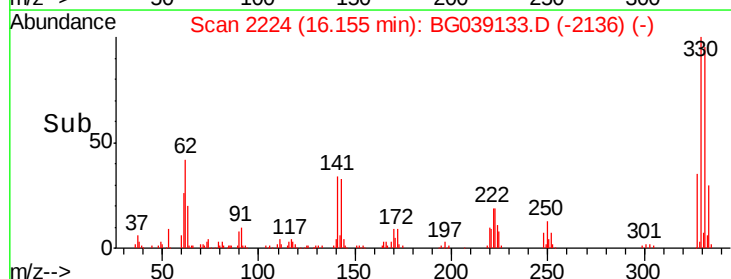
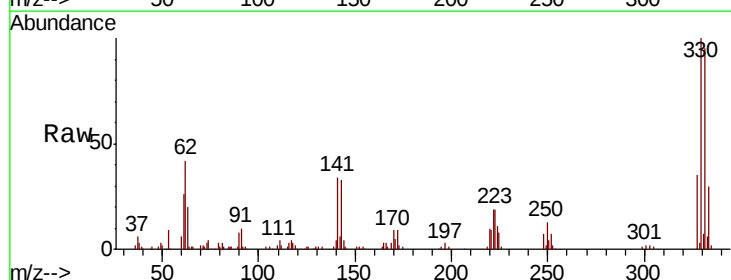
Tgt Ion:330 Resp: 99483

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

141 31.4 24.9 37.3

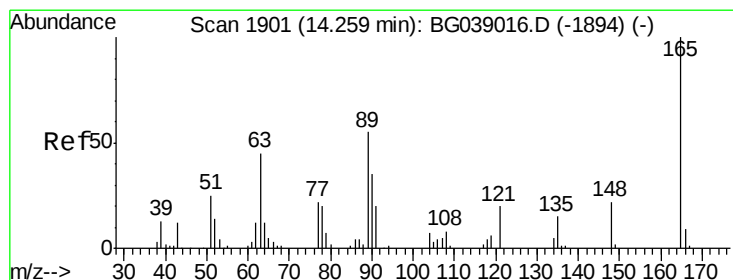
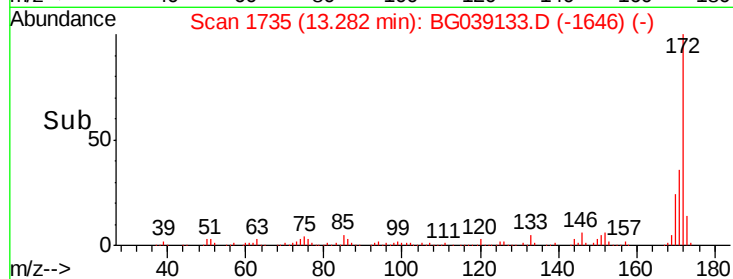
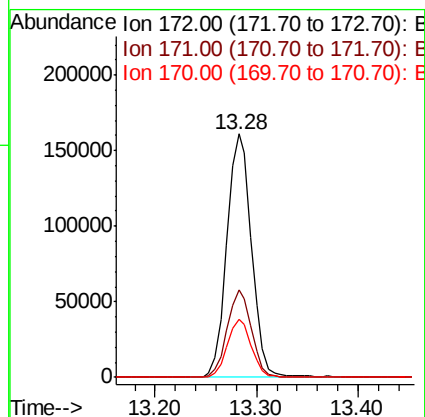
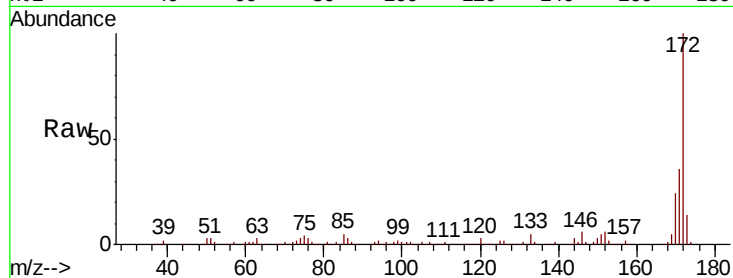




#45
 2-Fluorobiphenyl
 Concen: 72.703 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039133.D
 Acq: 15 Jan 2019 15:14

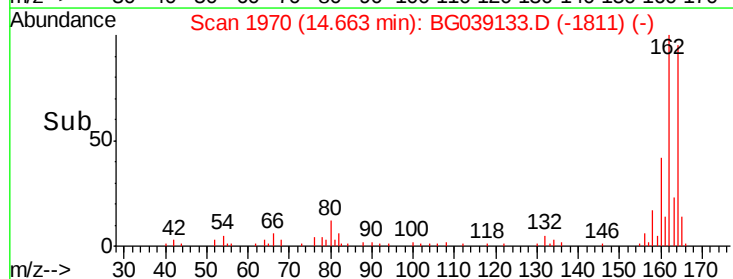
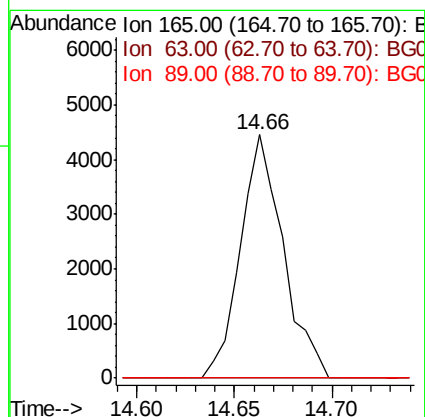
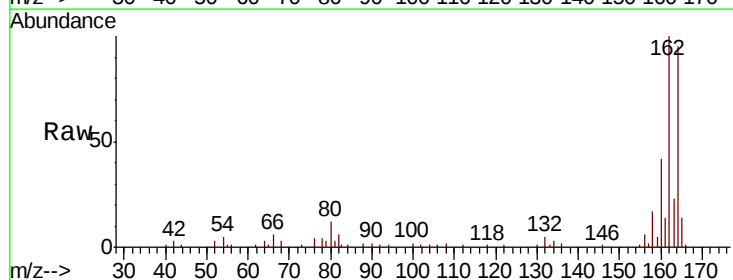
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.8	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.017 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.40 min
 Lab File: BG039133.D
 Acq: 15 Jan 2019 15:14

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

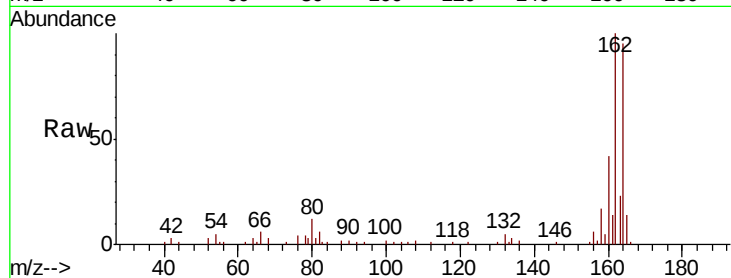




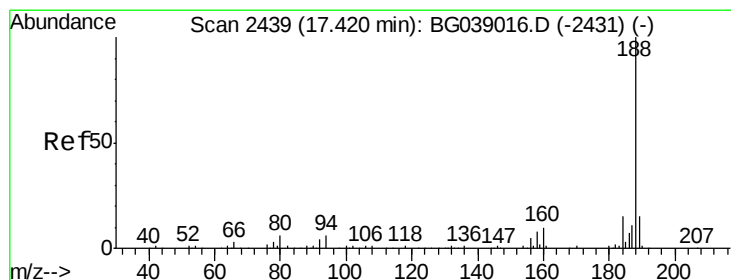
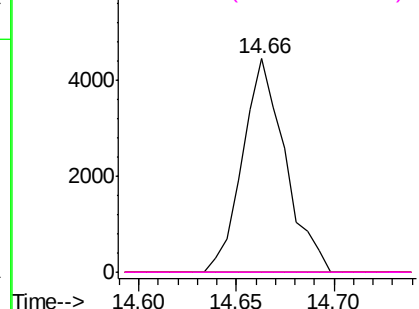
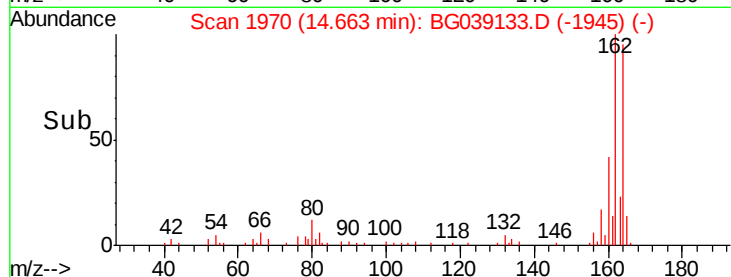
#57
 2,4-Dinitrotoluene
 Concen: 4.891 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.38 min
 Lab File: BG039133.D
 Acq: 15 Jan 2019 15:14

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#

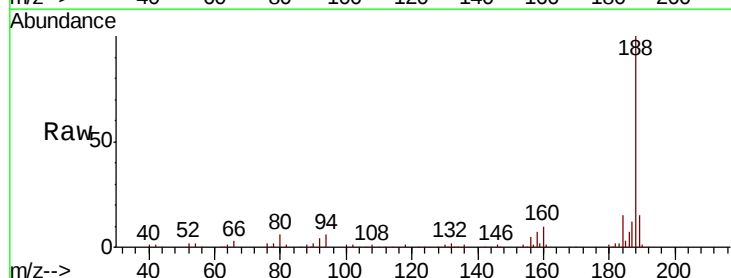


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

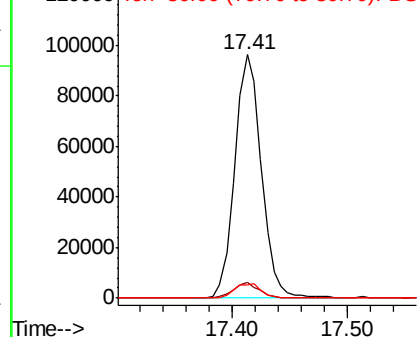
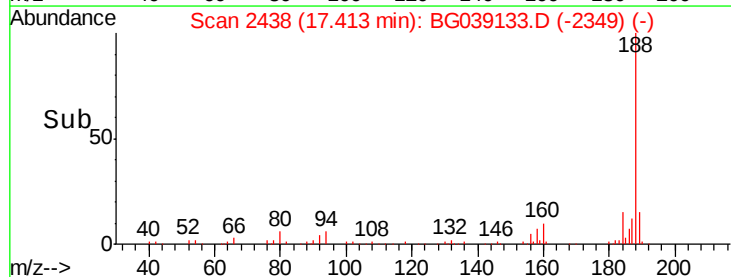


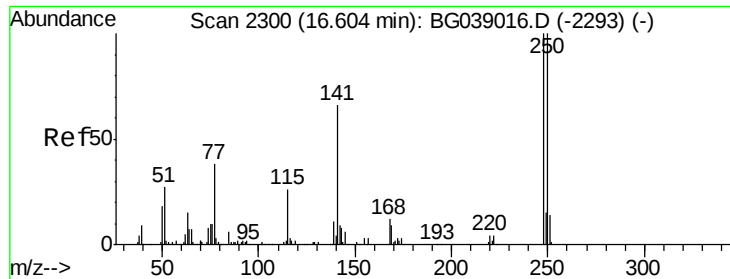
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG039133.D
 Acq: 15 Jan 2019 15:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	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: 3.192 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.45 min

Lab File: BG039133.D

Acq: 15 Jan 2019 15:14

Instrument :

BNA_G

ClientSampled :

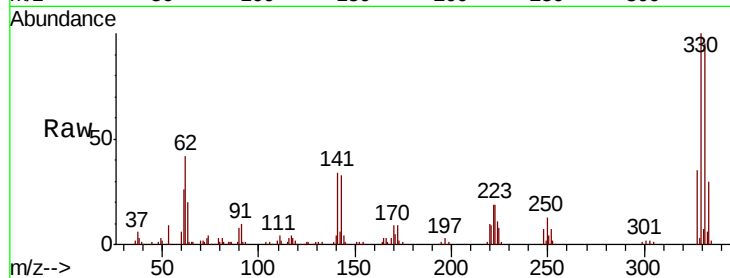
Tot Ion:248 Resp: 6308

Ion Ratio Lower Upper

248 100

250 236.4 79.9 119.9#

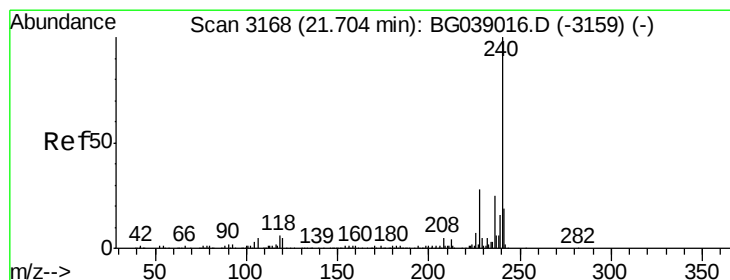
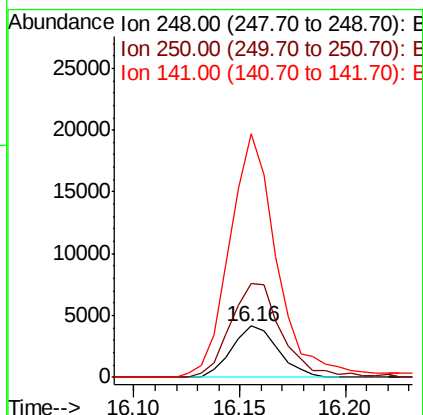
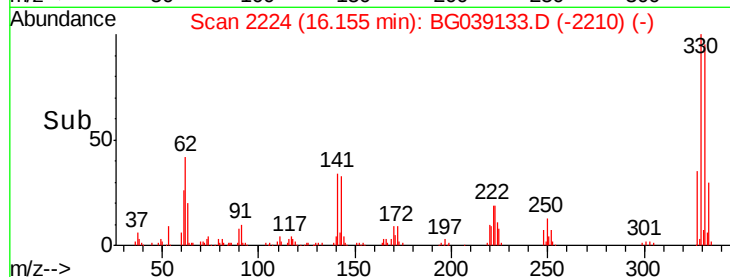
141 474.6 52.7 79.1#



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: BG039133.D

Acq: 15 Jan 2019 15:14

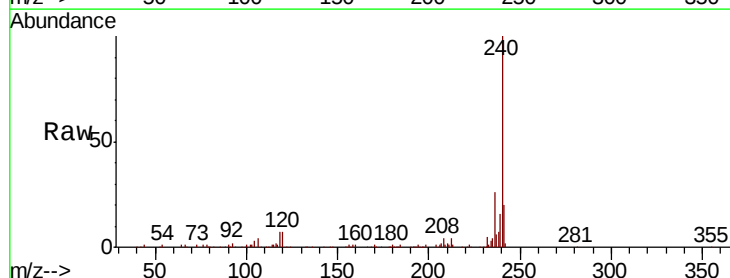
Tgt Ion:240 Resp: 180990

Ion Ratio Lower Upper

240 100

120 6.8 4.3 6.5#

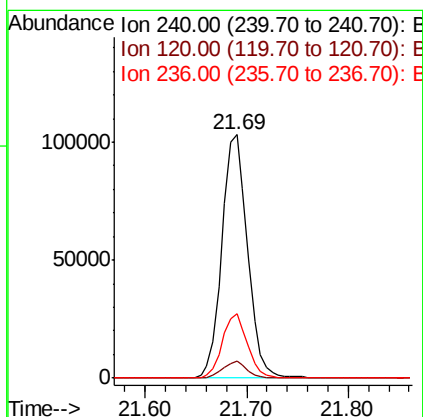
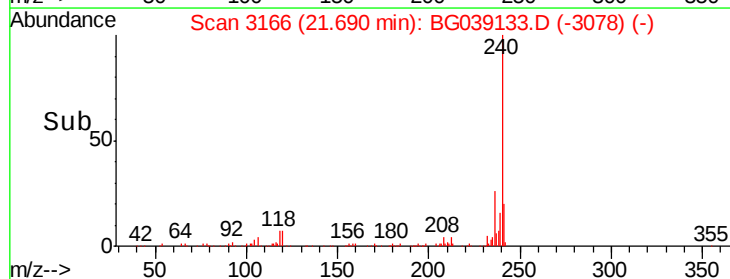
236 26.4 20.1 30.1

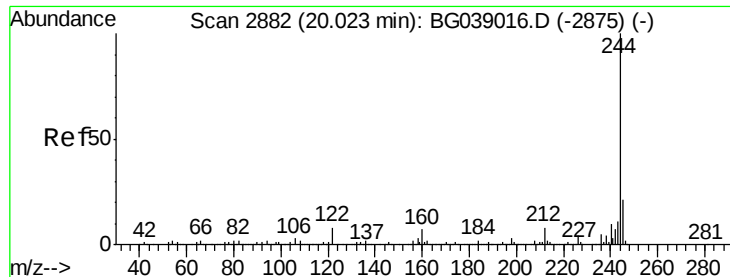


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.440 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039133.D

Acq: 15 Jan 2019 15:14

Instrument :

BNA_G

ClientSampleId :

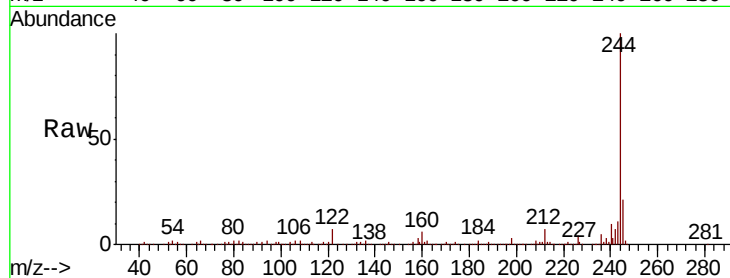
Tot Ion:244 Resp: 679387

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

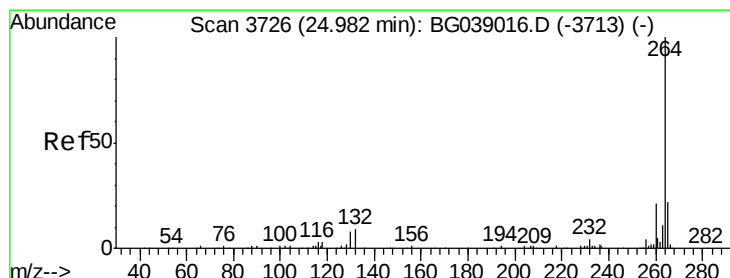
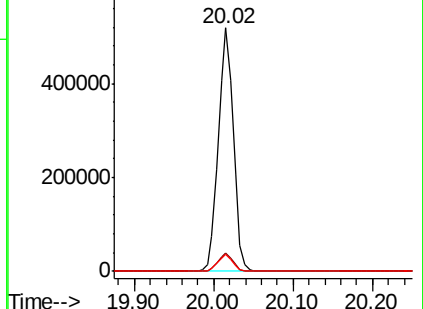
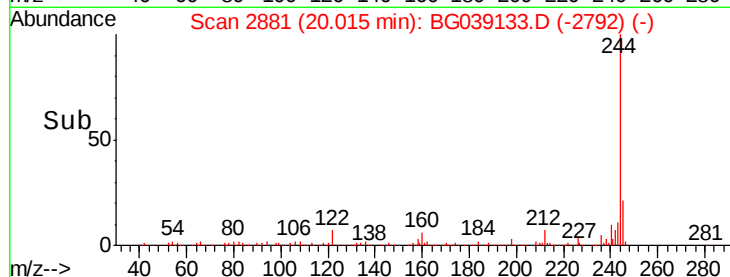
122 6.9 6.1 9.1



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: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039133.D

Acq: 15 Jan 2019 15:14

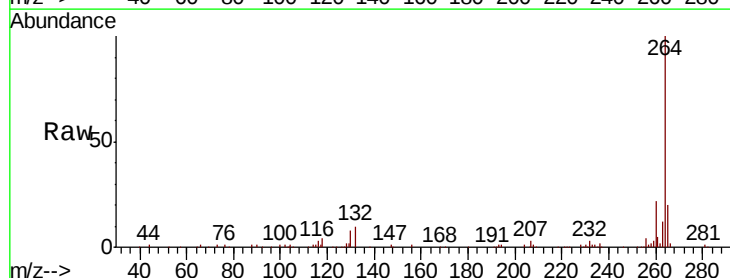
Tgt Ion:264 Resp: 199423

Ion Ratio Lower Upper

264 100

260 21.5 17.0 25.6

265 20.3 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

