

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039086.D
 Acq On : 11 Jan 2019 13:35
 Operator : JU/SJ
 Sample : PB116318BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 15:15:25 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

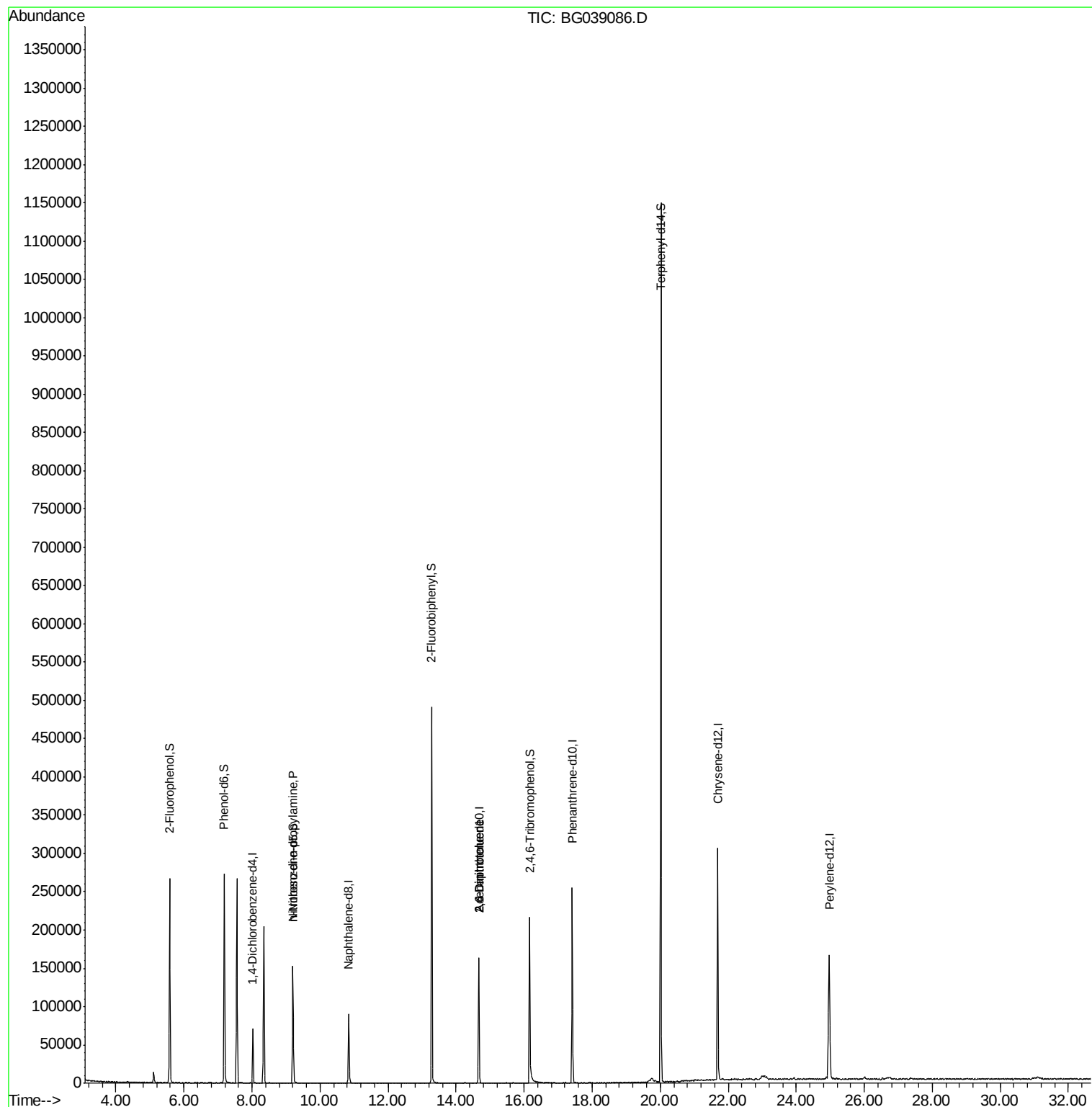
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	22593	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	87723	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	63116	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	177287	20.00	ng	0.00
76) Chrysene-d12	21.69	240	196990	20.00	ng	-0.01
87) Perylene-d12	24.97	264	206953	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	122938	103.22	ng	0.00
7) Phenol-d6	7.18	99	167176	97.54	ng	0.00
23) Nitrobenzene-d5	9.20	82	93454	58.29	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	60506	57.19	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	282126	61.17	ng	0.00
79) Terphenyl-d14	20.02	244	620626	58.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	12208	10.846	ng	# 66
51) 2,6-Dinitrotoluene	14.66	165	8237	6.908	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	8237	4.815	ng	# 26

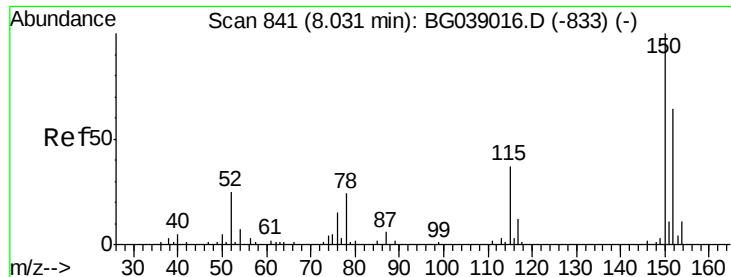
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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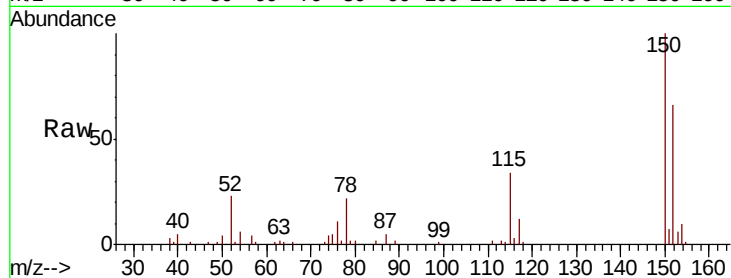


#1

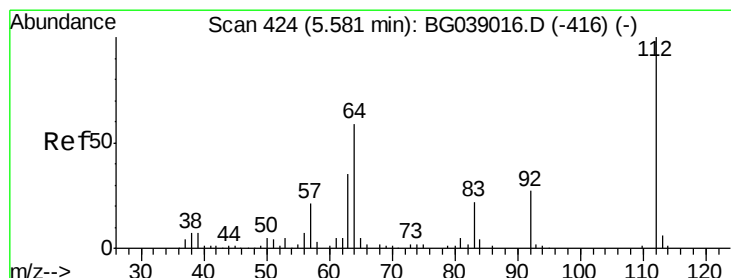
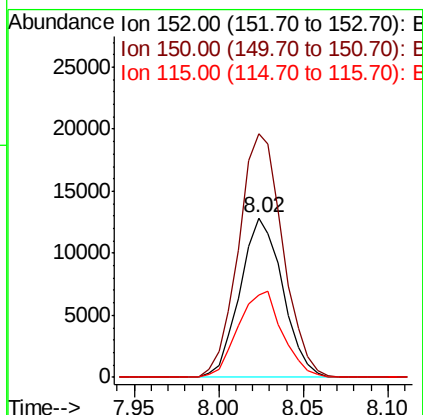
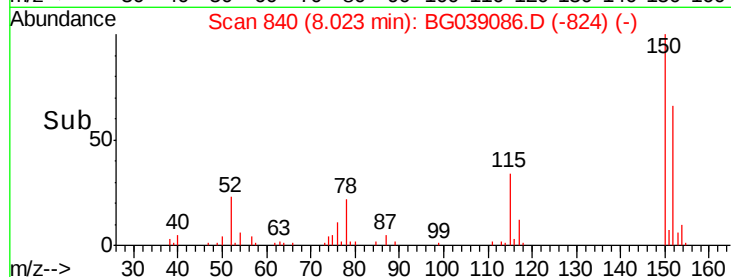
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039086.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 22593
Ion Ratio Lower Upper
152 100
150 152.5 124.7 187.1
115 51.6 46.5 69.7



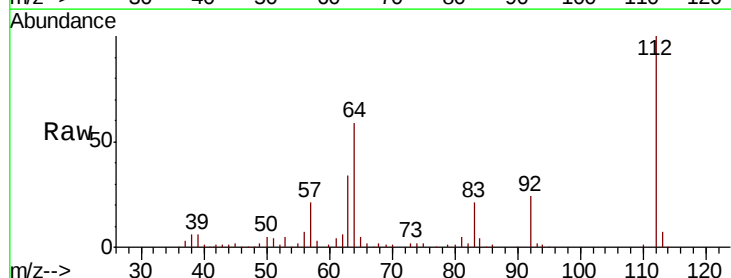
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



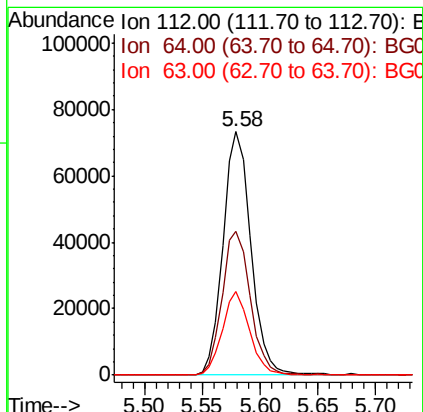
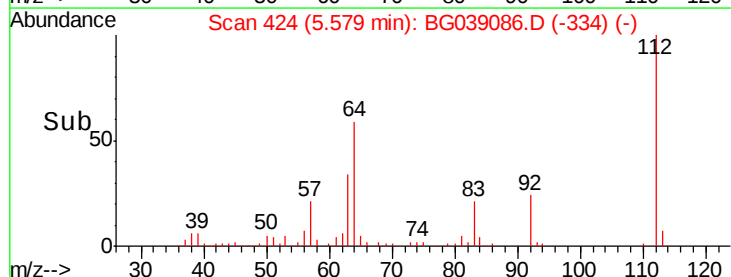
#5

2-Fluorophenol
Concen: 103.223 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039086.D
Acq: 11 Jan 2019 13:35

Tgt Ion:112 Resp: 122938
Ion Ratio Lower Upper
112 100
64 58.9 47.0 70.6
63 34.4 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: 97.536 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

Instrument :

BNA_F

ClientSampleId :

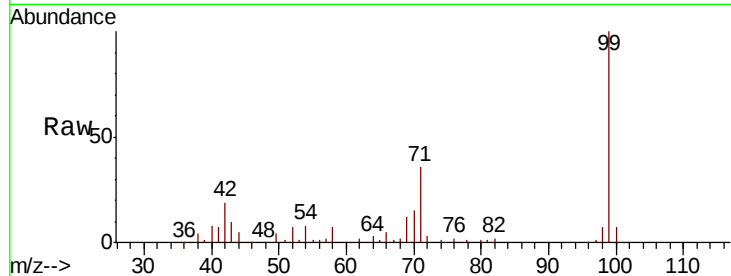
Tot Ion: 99 Resp: 167176

Ion Ratio Lower Upper

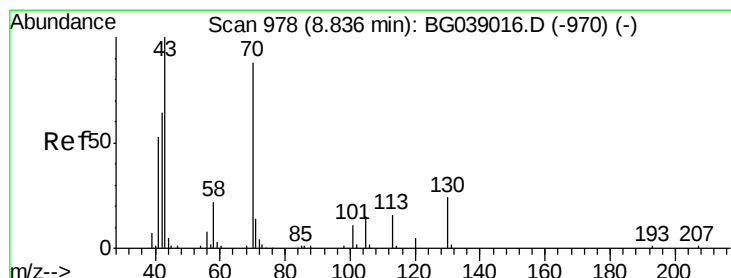
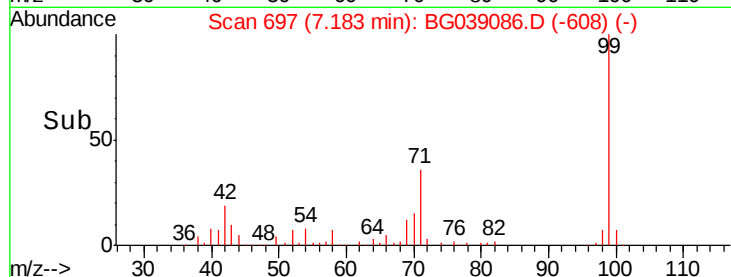
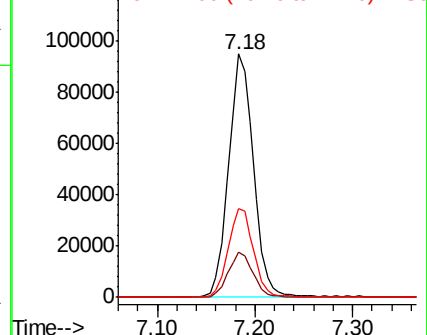
99 100

42 18.6 15.8 23.6

71 36.5 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: 10.846 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

Tgt Ion: 70 Resp: 12208

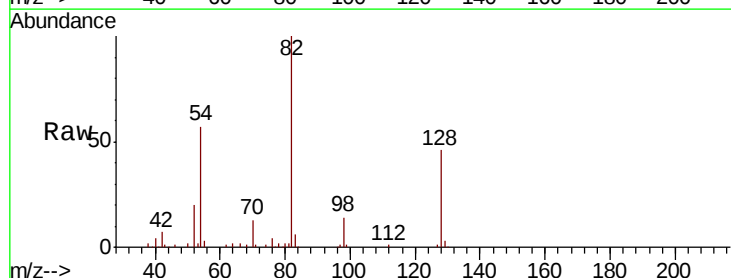
Ion Ratio Lower Upper

70 100

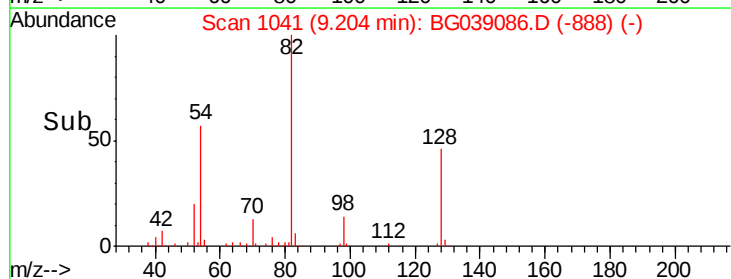
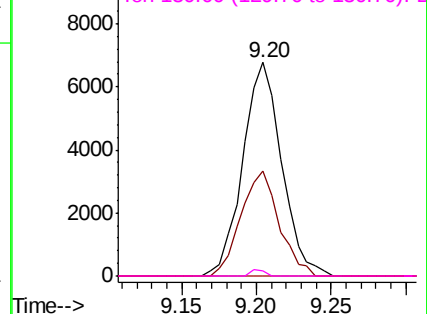
42 49.4 59.0 88.4#

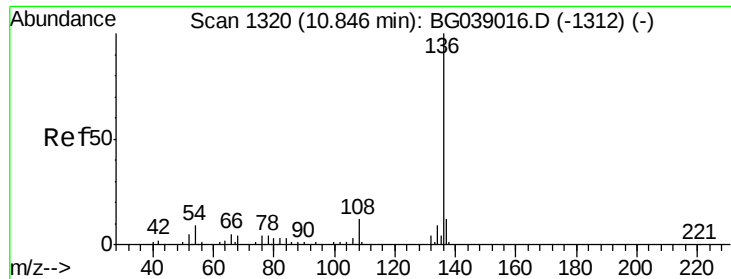
101 0.0 10.4 15.6#

130 2.7 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

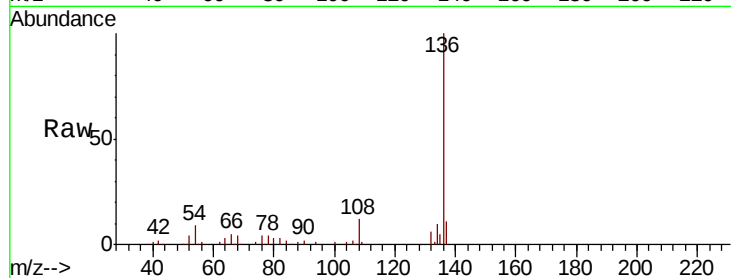




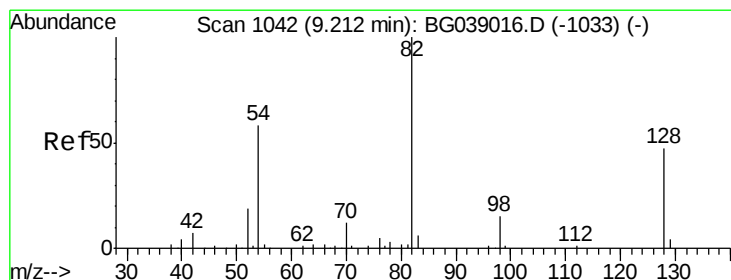
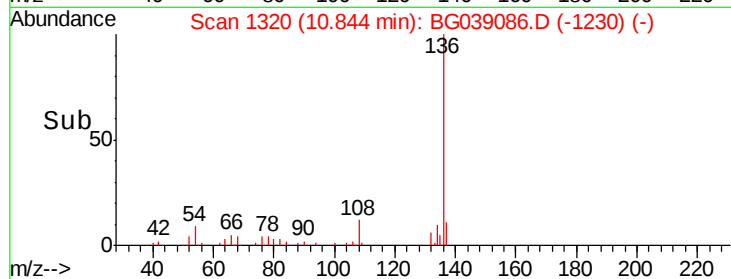
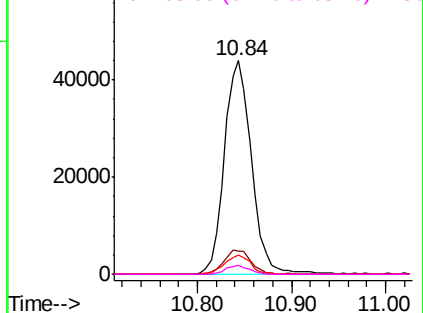
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039086.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	87723
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.4 14.2
54	9.2	7.2 10.8
68	4.8	3.5 5.3

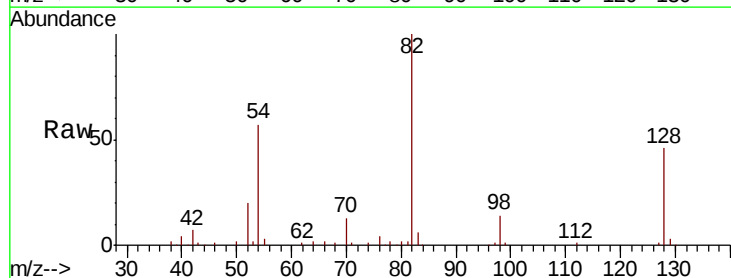


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

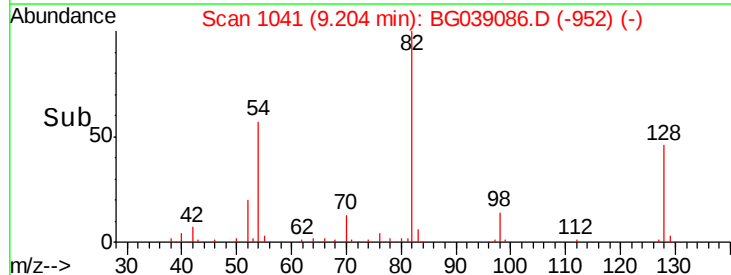
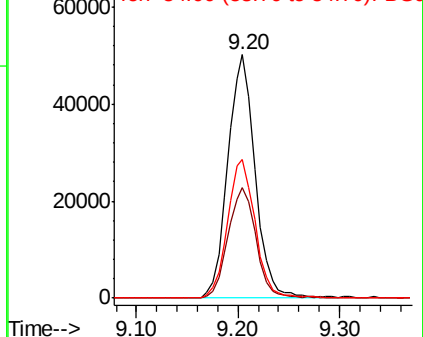


#23
Nitrobenzene-d5
Concen: 58.294 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039086.D
Acq: 11 Jan 2019 13:35

Tgt Ion: 82	Resp:	93454
Ion	Ratio	Lower Upper
82	100	
128	45.6	37.3 55.9
54	56.9	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: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

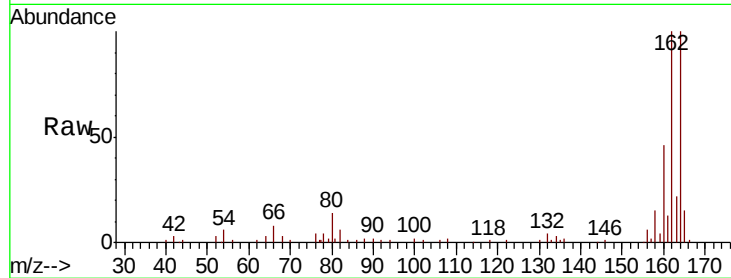
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 63116

Ion	Ratio	Lower	Upper
164	100		
162	99.9	87.2	130.8
160	46.4	33.3	49.9

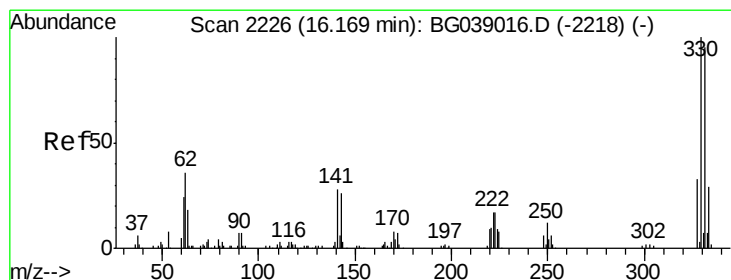
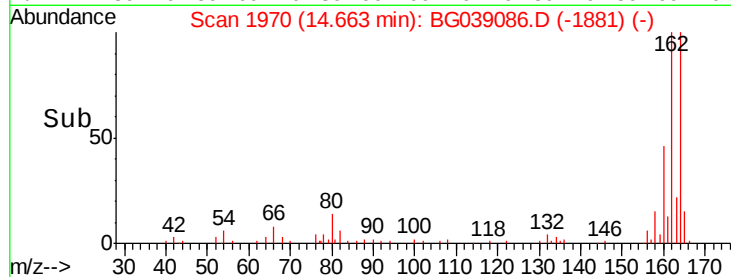
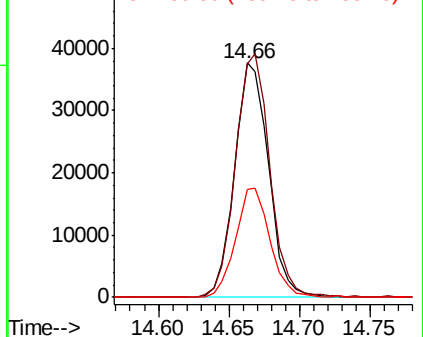


Abundance

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: 57.189 ng

RT: 16.16 min Scan# 2225

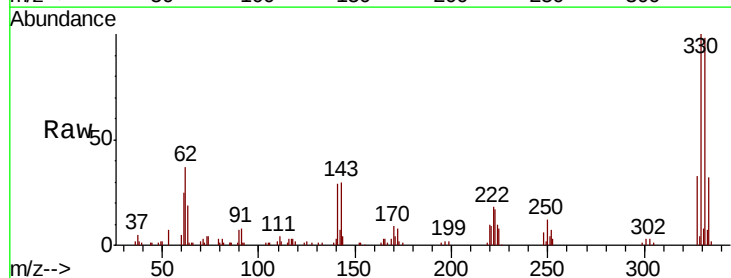
Delta R.T. -0.01 min

Lab File: BG039086.D

Acq: 11 Jan 2019 13:35

Tgt Ion:330 Resp: 60506

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.7	113.5
141	28.6	24.9	37.3

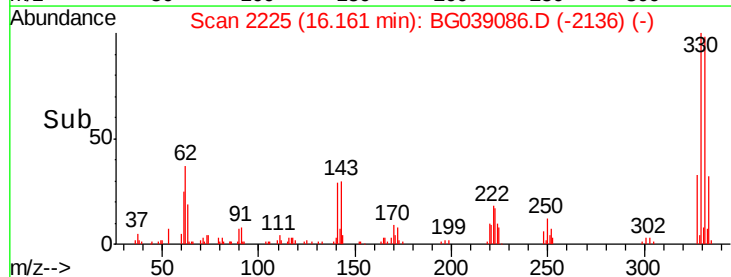
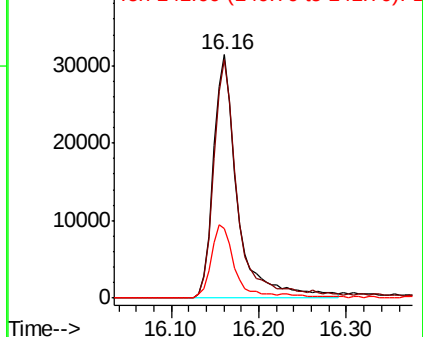


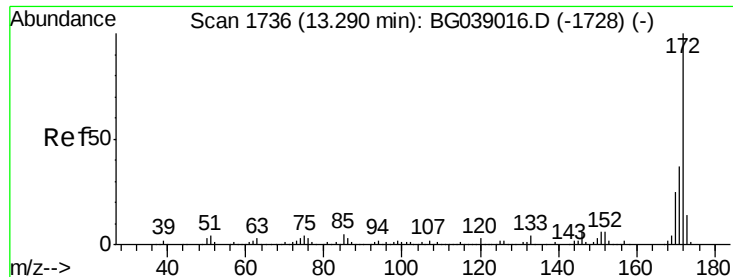
Abundance

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

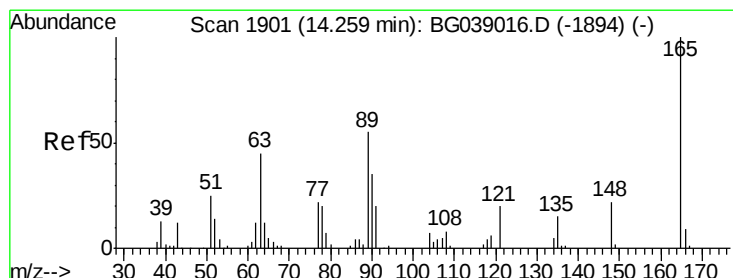
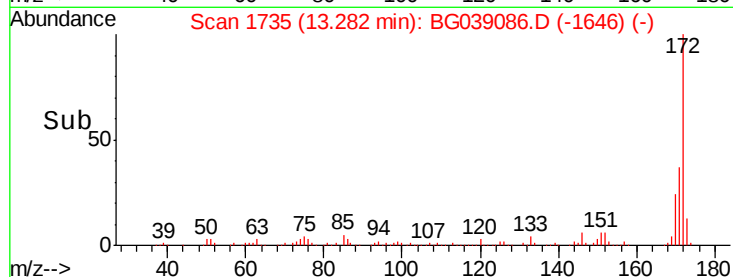
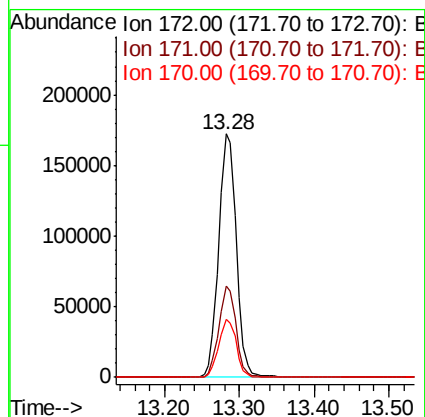
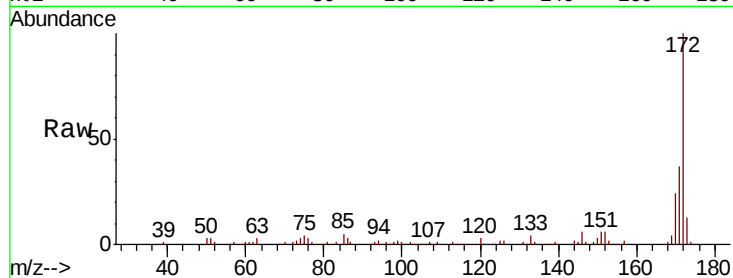




#45
 2-Fluorobiphenyl
 Concen: 61.174 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039086.D
 Acq: 11 Jan 2019 13:35

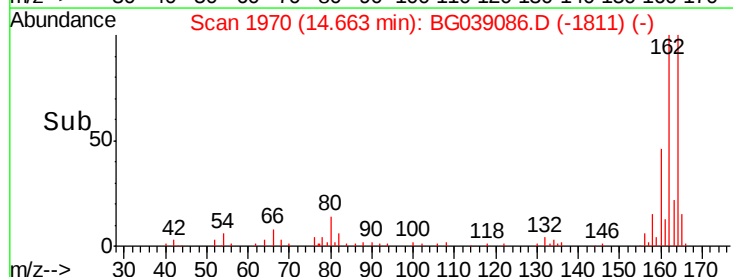
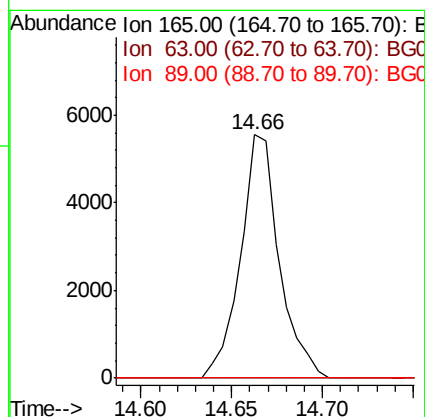
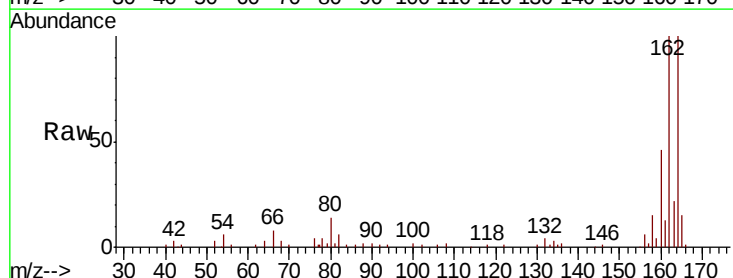
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	23.7	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.908 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.40 min
 Lab File: BG039086.D
 Acq: 11 Jan 2019 13:35

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

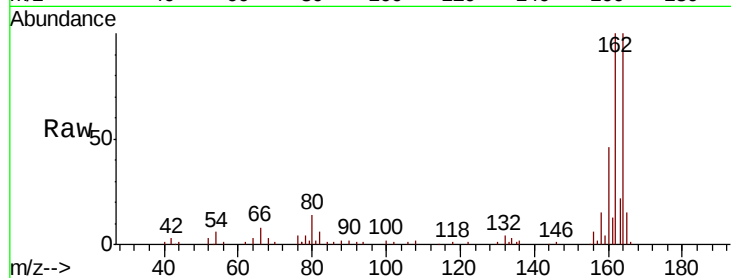




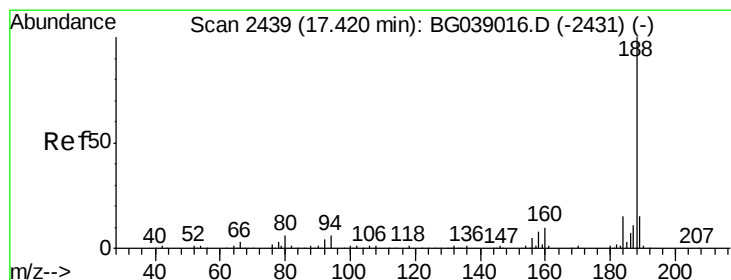
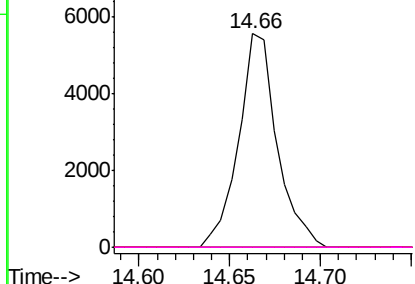
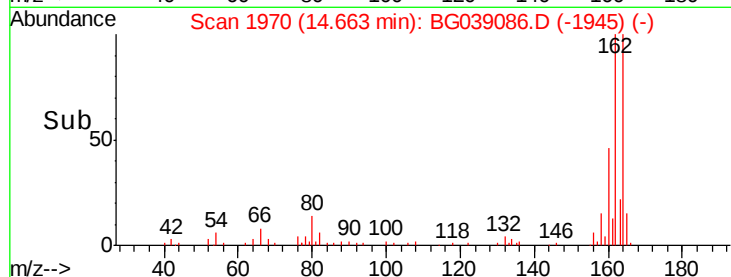
#57
 2,4-Dinitrotoluene
 Concen: 4.815 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.38 min
 Lab File: BG039086.D
 Acq: 11 Jan 2019 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 8237
 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#

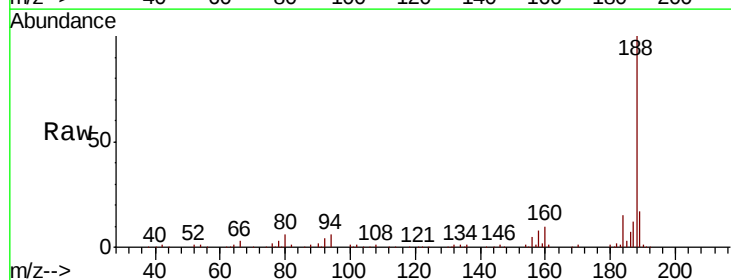


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

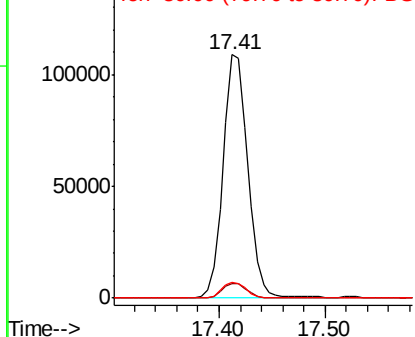
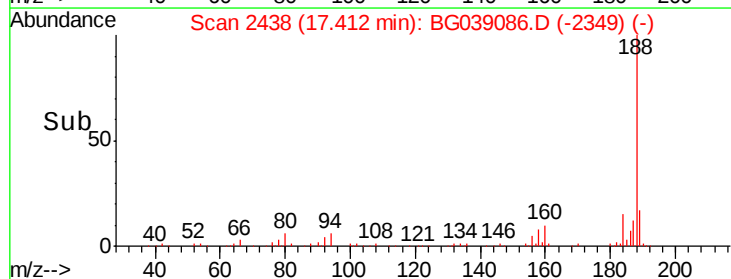


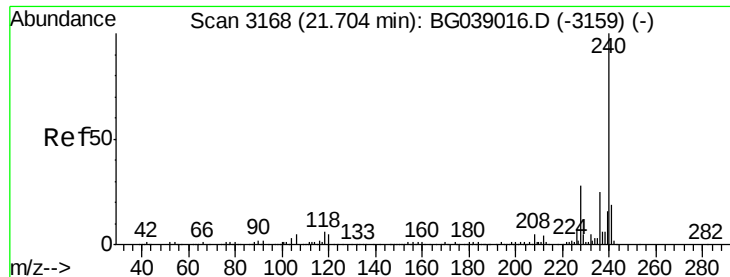
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG039086.D
 Acq: 11 Jan 2019 13:35

Tgt Ion:188 Resp: 177287
 Ion Ratio Lower Upper
 188 100
 94 6.0 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

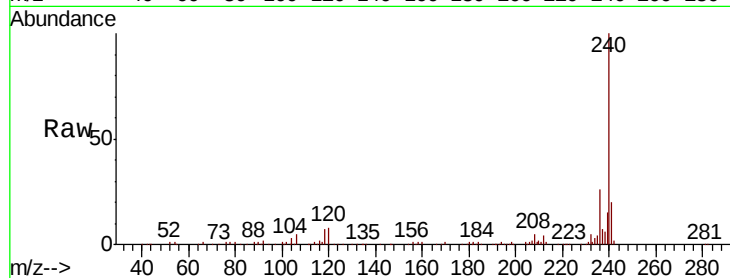




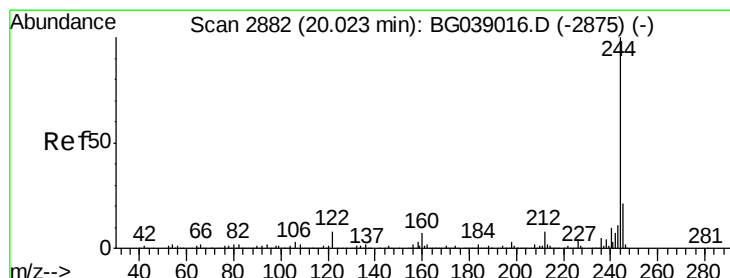
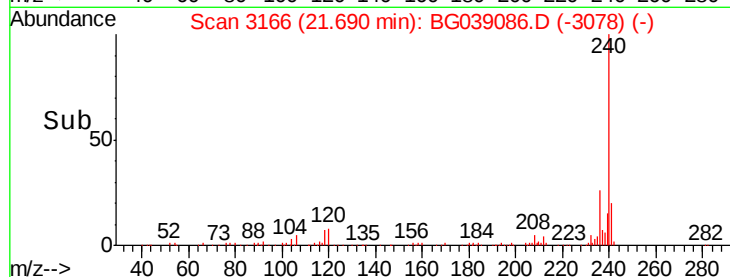
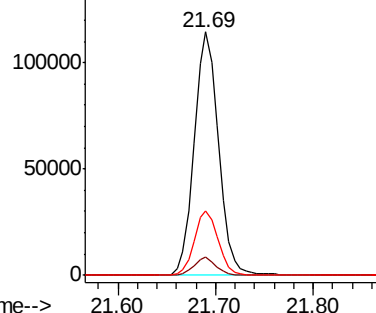
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039086.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 196990
Ion Ratio Lower Upper
240 100
120 7.5 4.3 6.5#
236 26.5 20.1 30.1

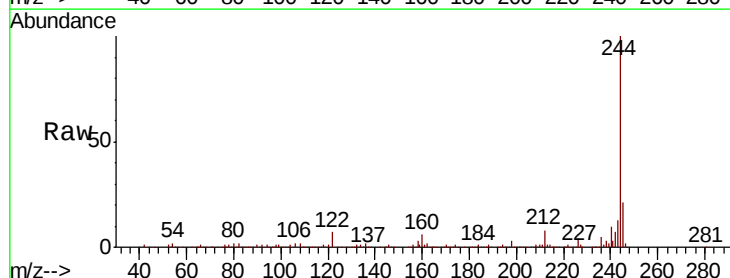


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

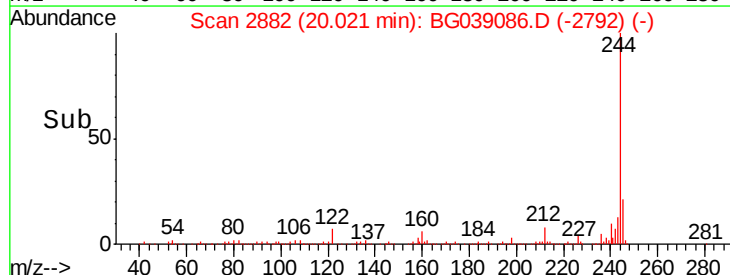
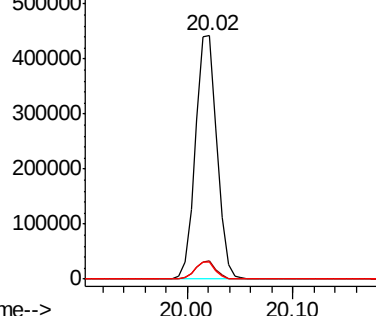


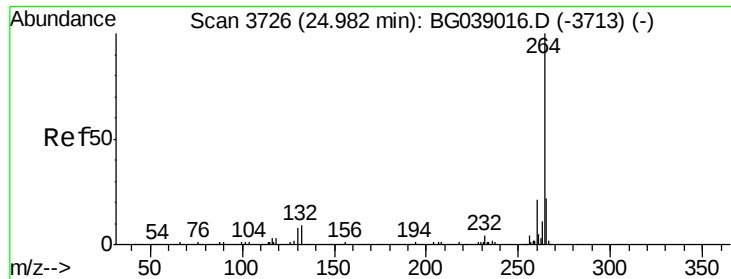
#79
Terphenyl-d14
Concen: 58.282 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039086.D
Acq: 11 Jan 2019 13:35

Tgt Ion:244 Resp: 620626
Ion Ratio Lower Upper
244 100
212 7.6 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
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.01 min
Lab File: BG039086.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.0	25.6
265	21.2	17.2	25.8

