

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038036.D
 Acq On : 16 Nov 2018 16:42
 Operator : JU/SJ
 Sample : J5965-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 18:05:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

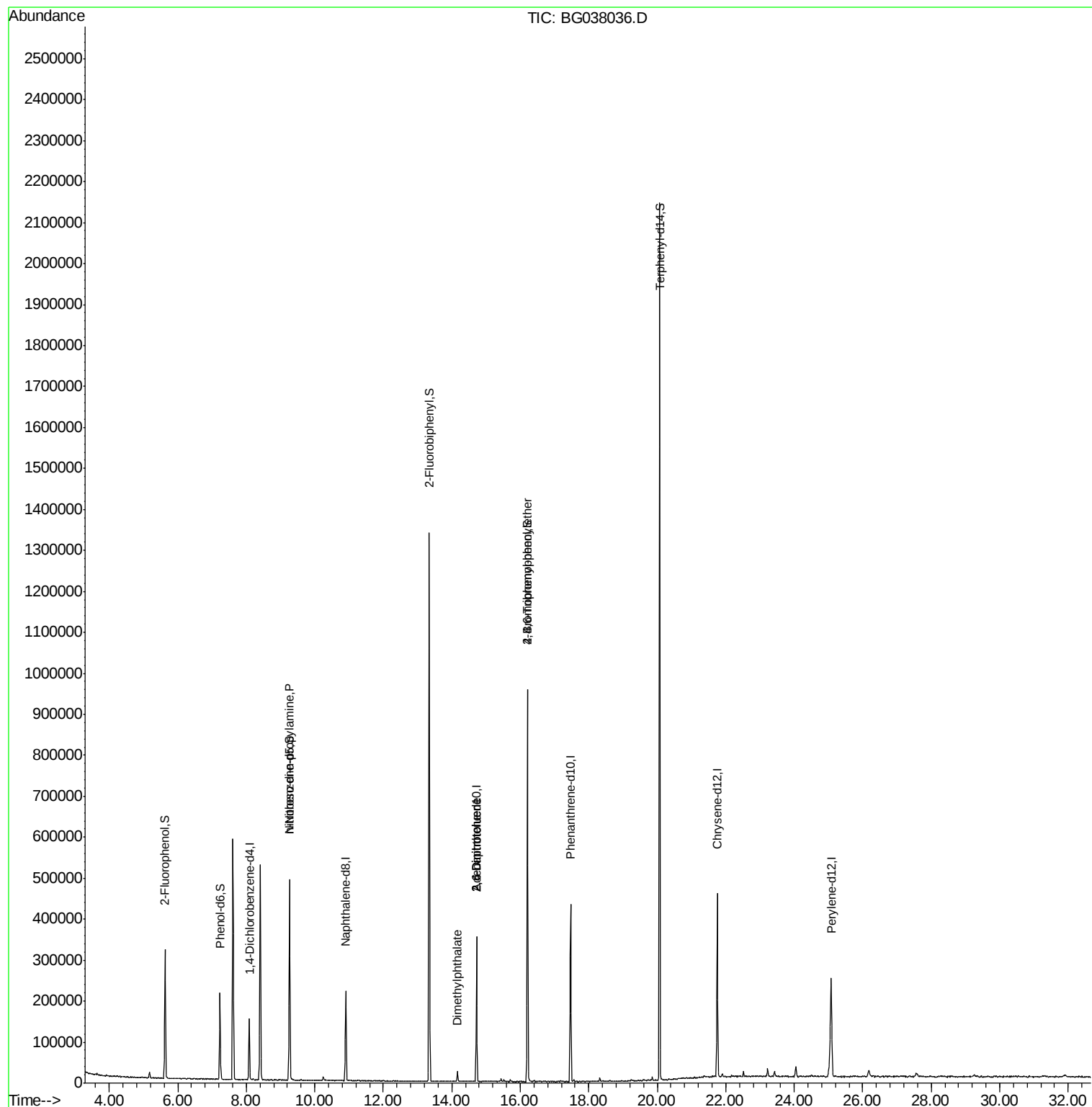
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44837	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	194026	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	122776	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	284152	20.00	ng	0.00
76) Chrysene-d12	21.75	240	269322	20.00	ng	0.00
87) Perylene-d12	25.07	264	271540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	147726	56.89	ng	0.00
7) Phenol-d6	7.23	99	129876	35.04	ng	0.00
23) Nitrobenzene-d5	9.26	82	303965	83.86	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	168131	120.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	708316	84.05	ng	0.00
79) Terphenyl-d14	20.07	244	1032300	90.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	39069	14.566	ng	# 73
50) Dimethylphthalate	14.16	163	20242	2.080	ng	# 96
51) 2,6-Dinitrotoluene	14.72	165	16036	7.279	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	16036	5.350	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	12524	4.016	ng	# 1

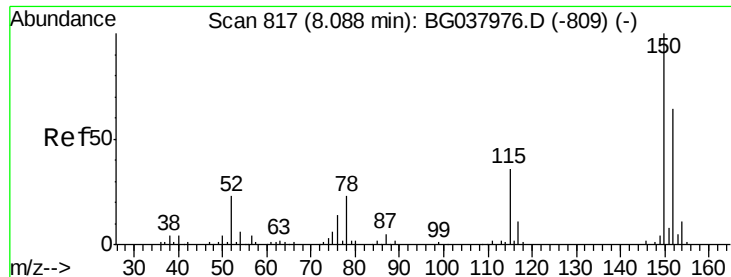
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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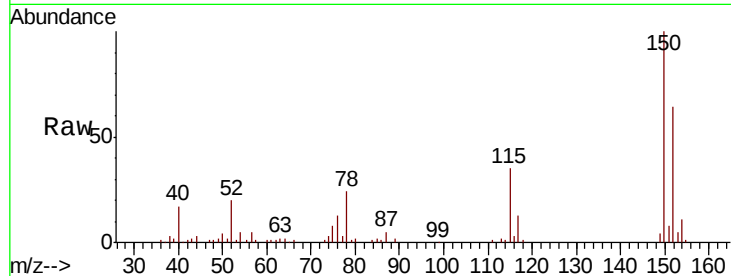


#1

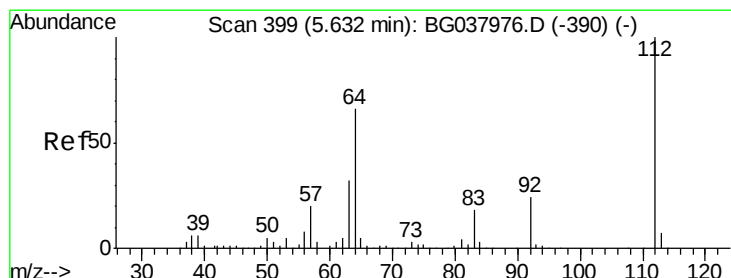
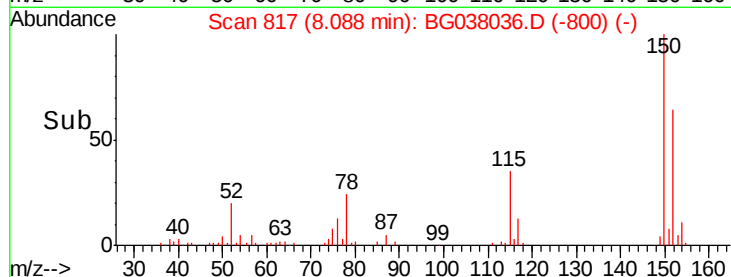
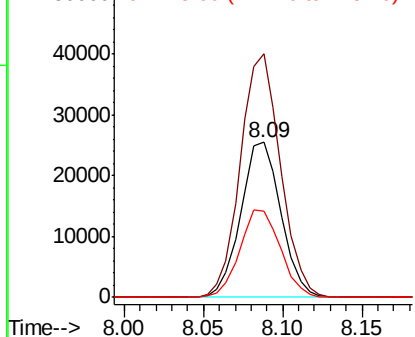
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038036.D
Acq: 16 Nov 2018 16:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 44837
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 55.5 45.5 68.3



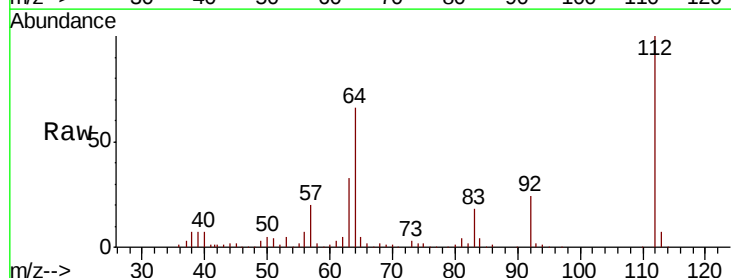
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



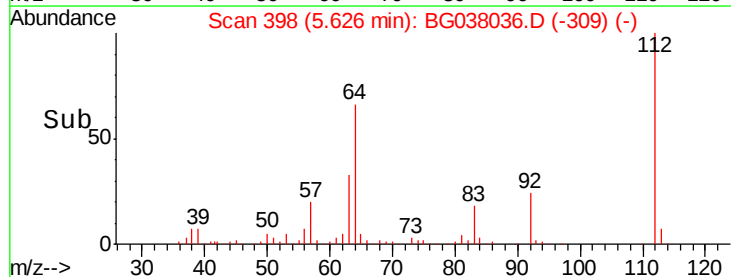
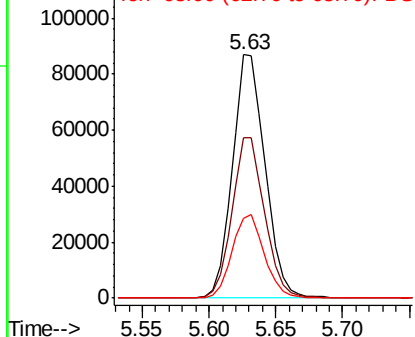
#5

2-Fluorophenol
Concen: 56.886 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038036.D
Acq: 16 Nov 2018 16:42

Tgt Ion:112 Resp: 147726
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 32.8 27.3 40.9



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: 35.036 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038036.D

Acq: 16 Nov 2018 16:42

Instrument :

BNA_F

ClientSampled :

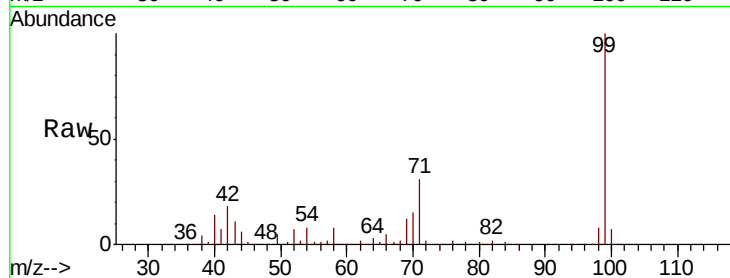
Tot Ion: 99 Resp: 129876

Ion Ratio Lower Upper

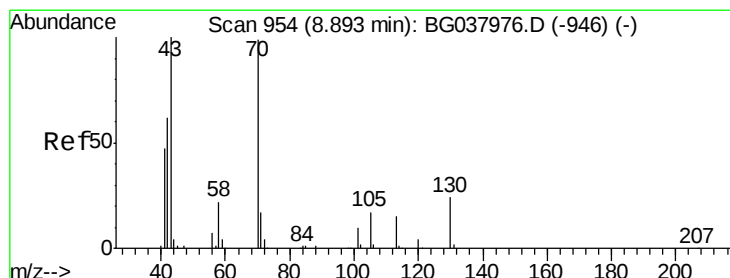
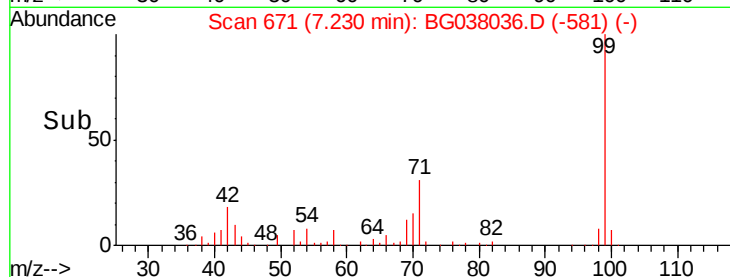
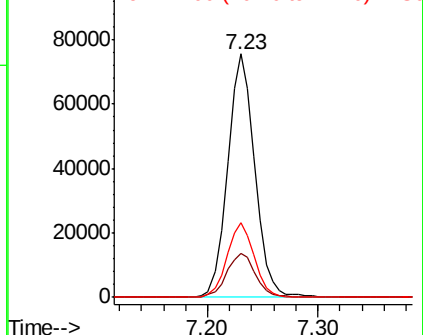
99 100

42 18.1 15.0 22.4

71 30.7 25.5 38.3



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: 14.566 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038036.D

Acq: 16 Nov 2018 16:42

Tgt Ion: 70 Resp: 39069

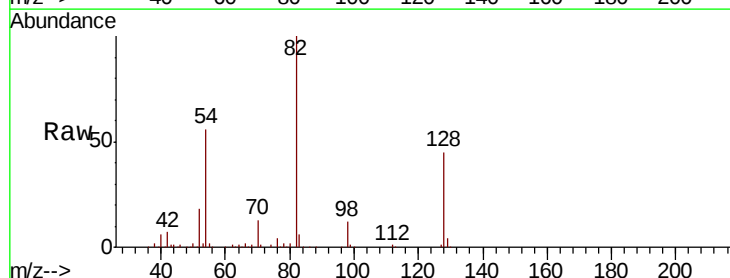
Ion Ratio Lower Upper

70 100

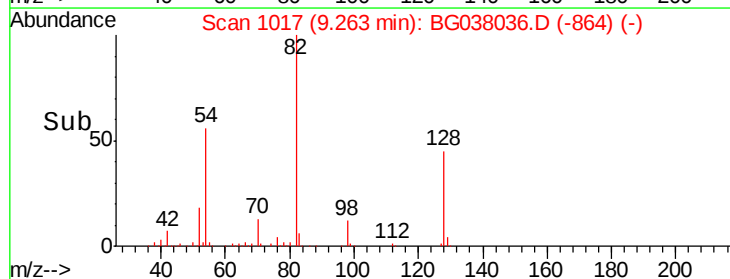
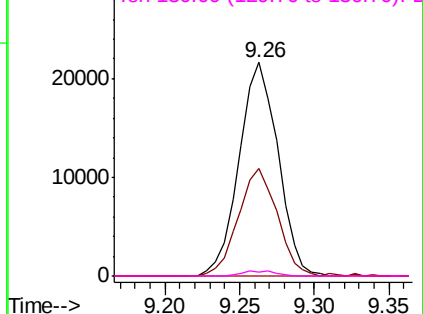
42 50.4 53.9 80.9#

101 0.0 8.2 12.2#

130 1.6 18.2 27.4#



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: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038036.D

Acq: 16 Nov 2018 16:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 194026

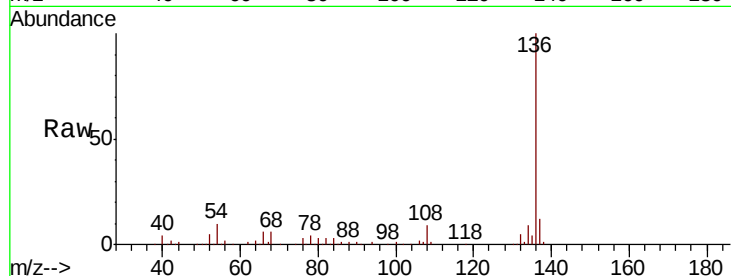
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 10.4 7.9 11.9

68 5.9 4.8 7.2

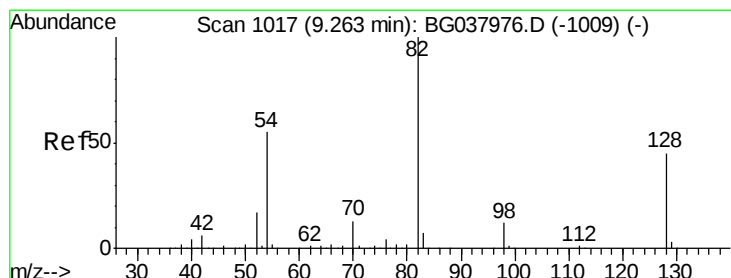
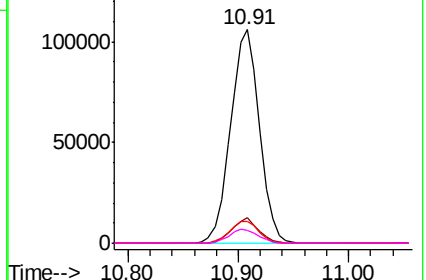
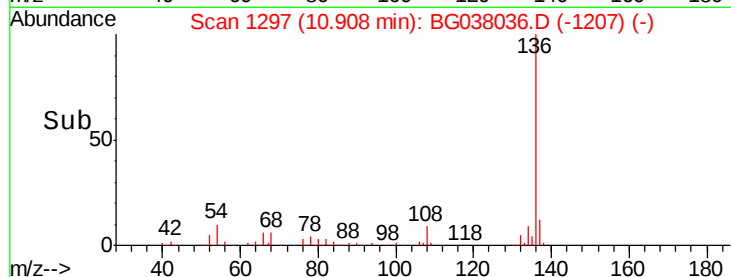


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.862 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038036.D

Acq: 16 Nov 2018 16:42

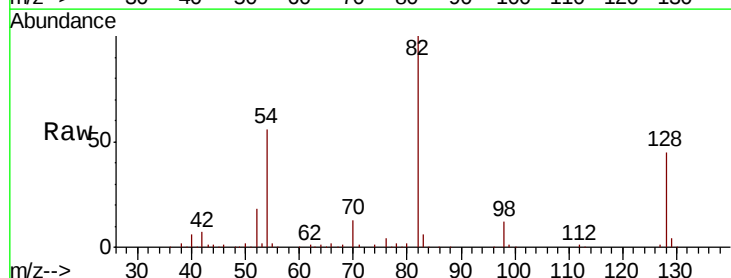
Tgt Ion: 82 Resp: 303965

Ion Ratio Lower Upper

82 100

128 44.6 34.6 51.8

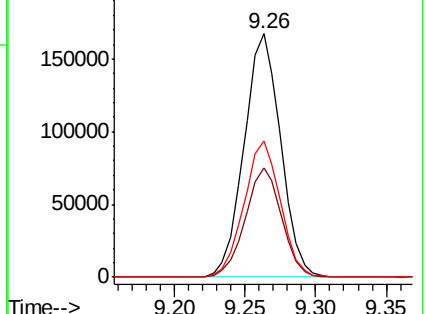
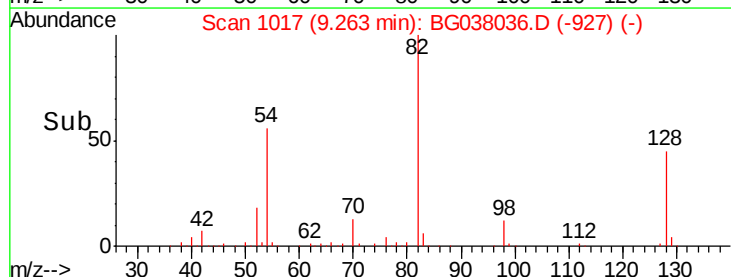
54 55.7 45.3 67.9



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: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038036.D

Acq: 16 Nov 2018 16:42

Instrument :

BNA_F

ClientSampleId :

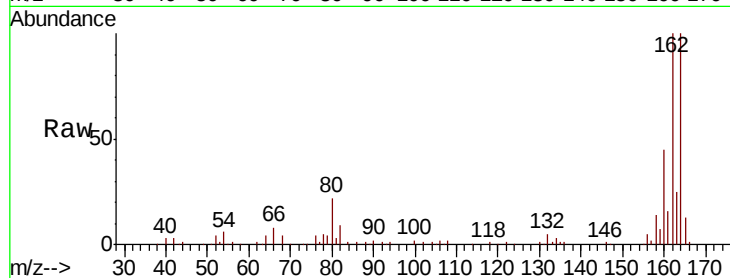
Tot Ion:164 Resp: 122776

Ion Ratio Lower Upper

164 100

162 99.7 81.3 121.9

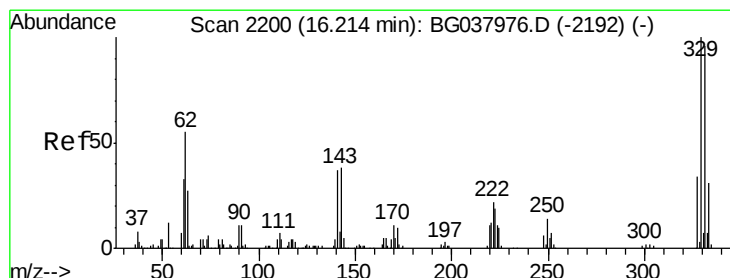
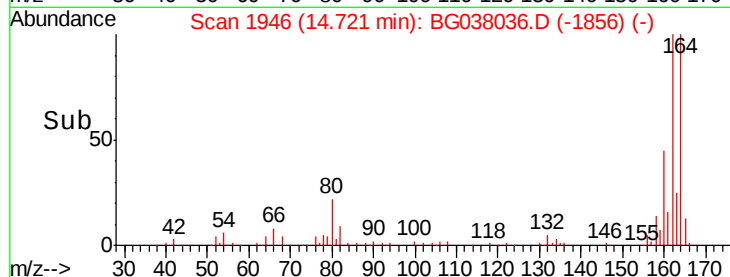
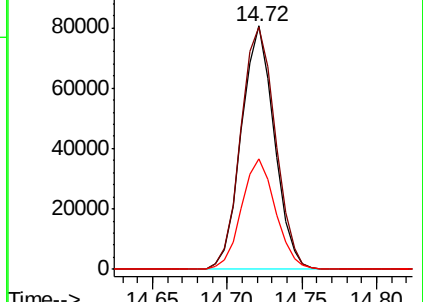
160 45.3 36.3 54.5



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: 120.074 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038036.D

Acq: 16 Nov 2018 16:42

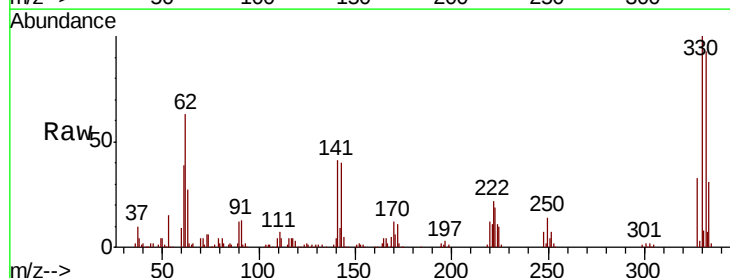
Tgt Ion:330 Resp: 168131

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

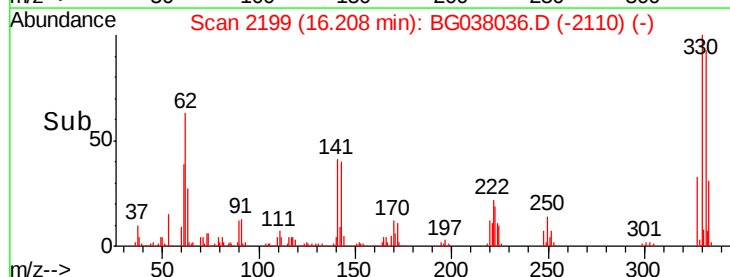
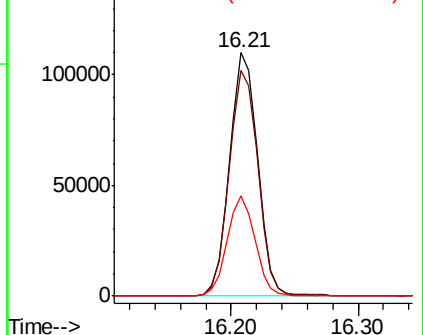
141 41.1 32.2 48.2



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

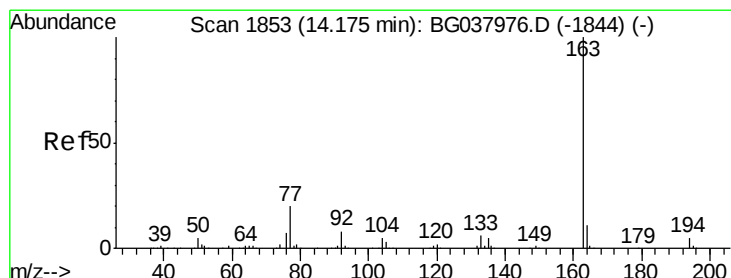
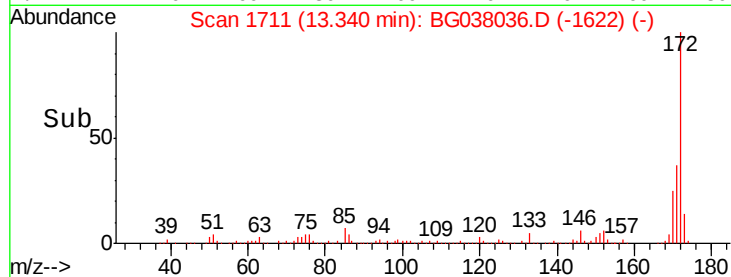
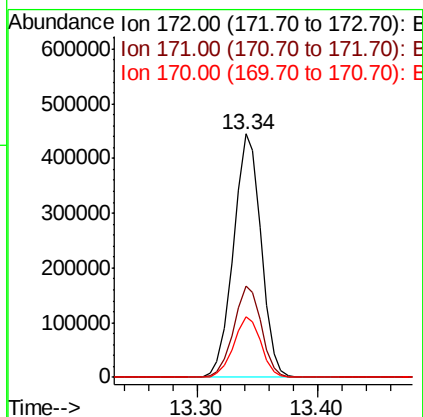
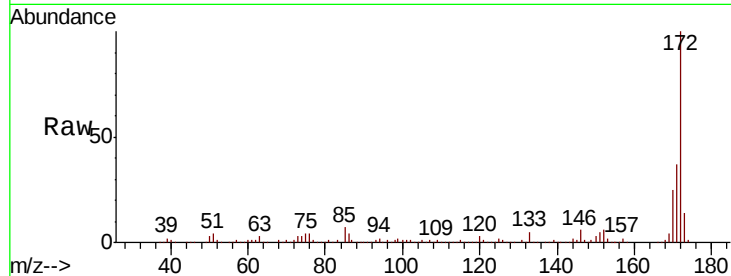




#45
2-Fluorobiphenyl
Concen: 84.048 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038036.D
Acq: 16 Nov 2018 16:42

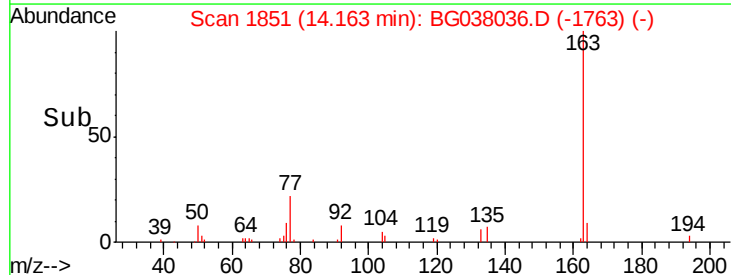
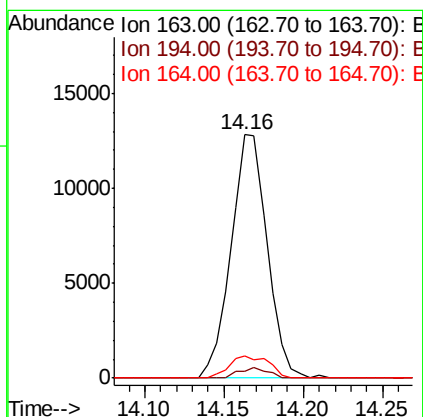
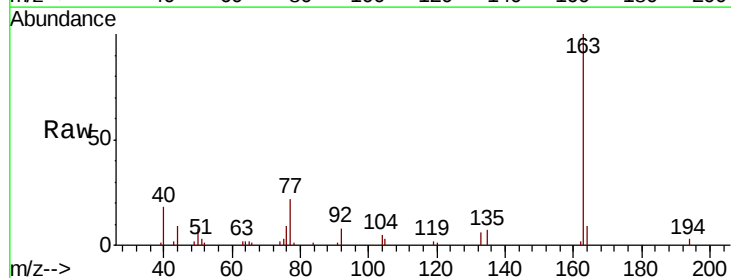
Instrument :
BNA_F
ClientSampled :

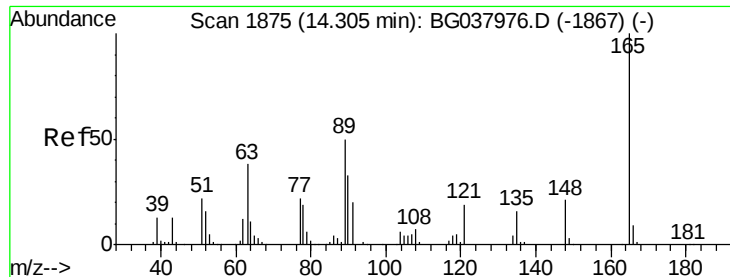
Tot Ion:172 Resp: 708316
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 24.7 20.2 30.2



#50
Dimethylphthalate
Concen: 2.080 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038036.D
Acq: 16 Nov 2018 16:42

Tgt Ion:163 Resp: 20242
Ion Ratio Lower Upper
163 100
194 2.7 3.5 5.3#
164 9.2 8.5 12.7

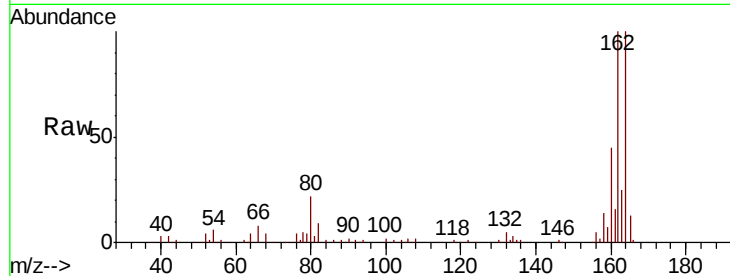




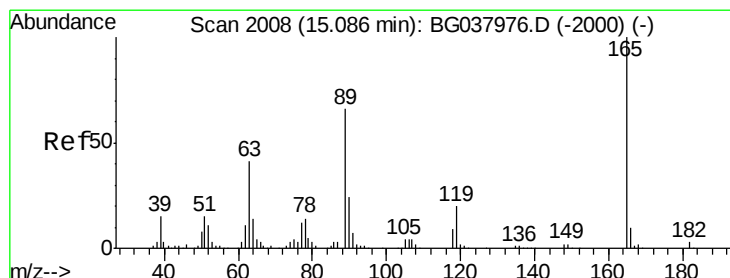
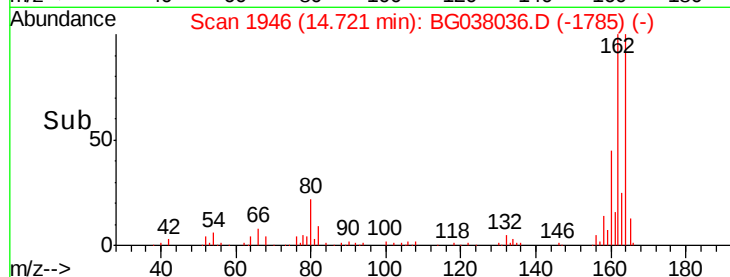
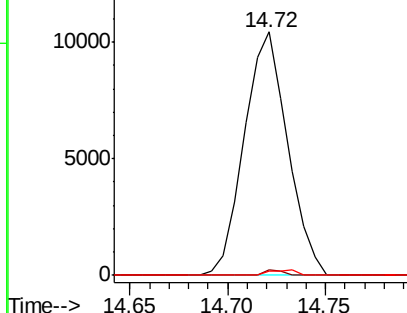
#51
 2,6-Dinitrotoluene
 Concen: 7.279 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038036.D
 Acq: 16 Nov 2018 16:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	43.4	65.2#
89	1.5	45.8	68.6#



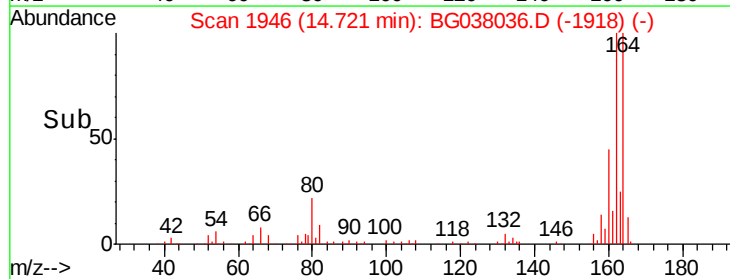
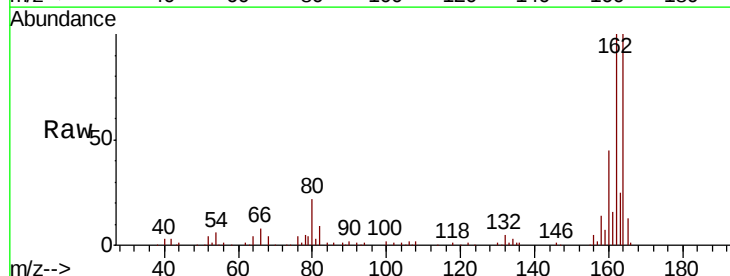
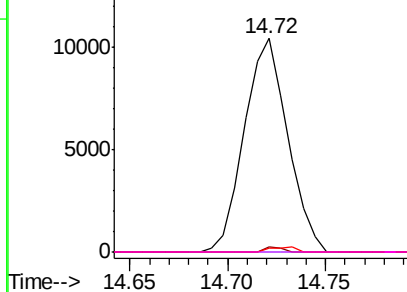
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

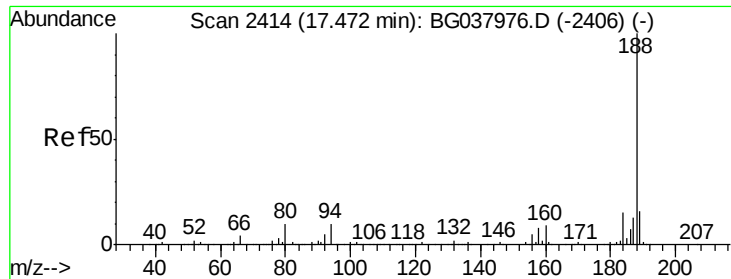


#57
 2,4-Dinitrotoluene
 Concen: 5.350 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038036.D
 Acq: 16 Nov 2018 16:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#

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: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038036.D

Acq: 16 Nov 2018 16:42

Instrument :

BNA_F

ClientSampled :

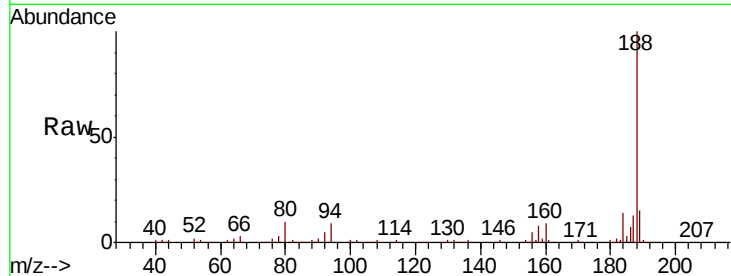
Tot Ion:188 Resp: 284152

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

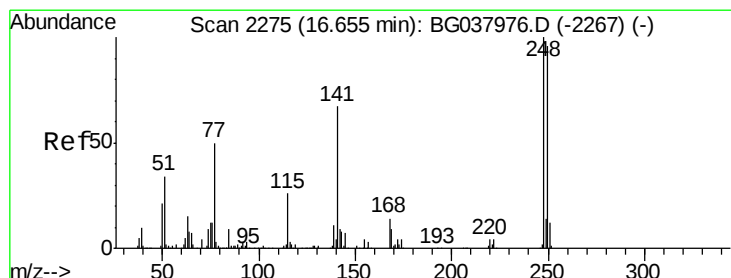
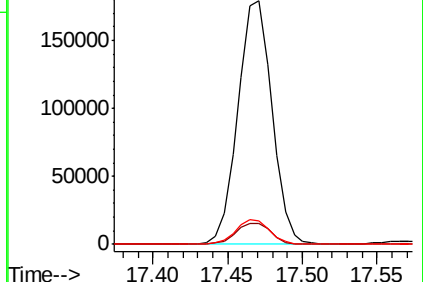
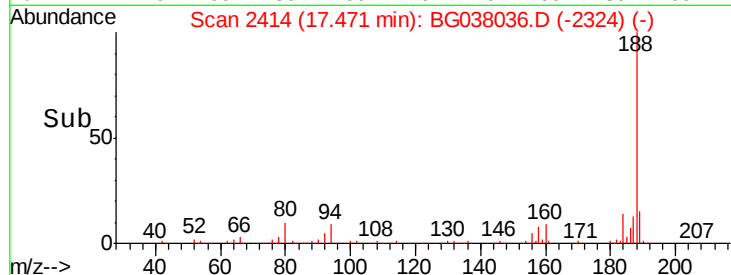
80 9.9 7.7 11.5



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: 4.016 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.45 min

Lab File: BG038036.D

Acq: 16 Nov 2018 16:42

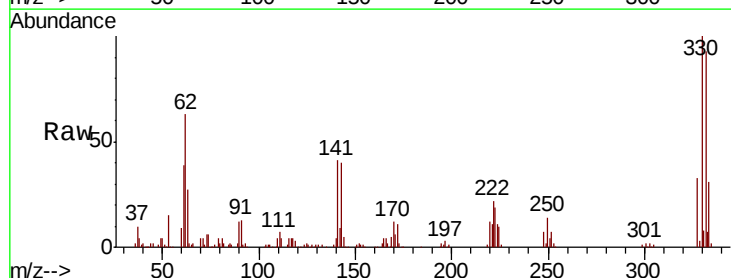
Tgt Ion:248 Resp: 12524

Ion Ratio Lower Upper

248 100

250 196.1 77.0 115.6#

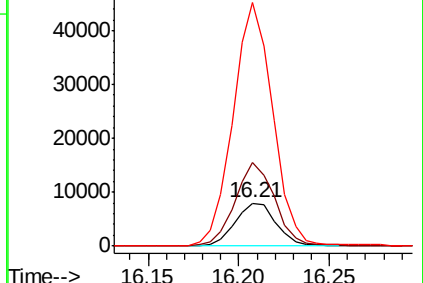
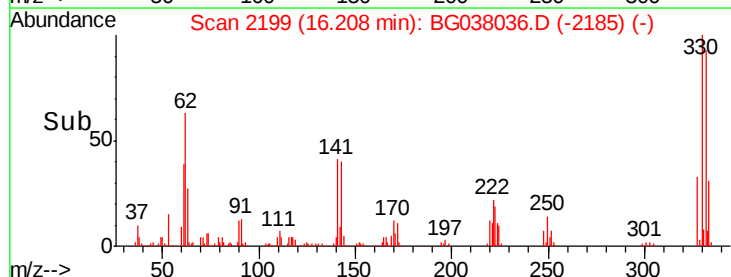
141 440.6 55.5 83.3#



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: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038036.D

Acq: 16 Nov 2018 16:42

Instrument :

BNA_F

ClientSampleId :

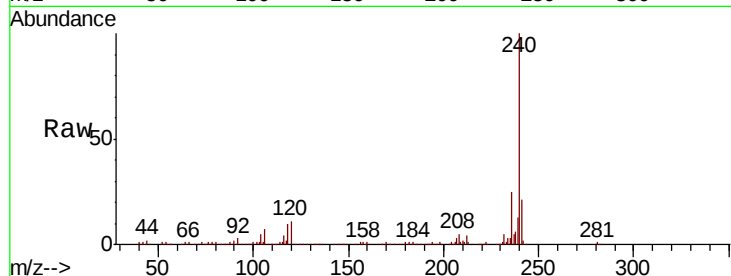
Tot Ion:240 Resp: 269322

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

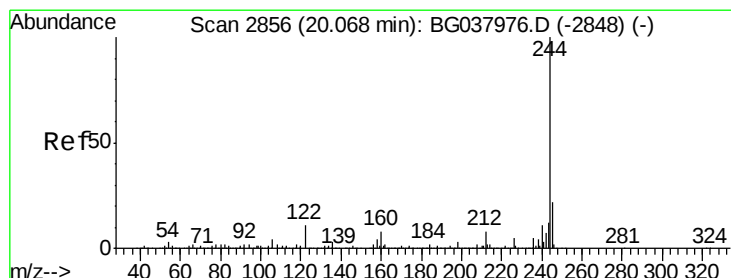
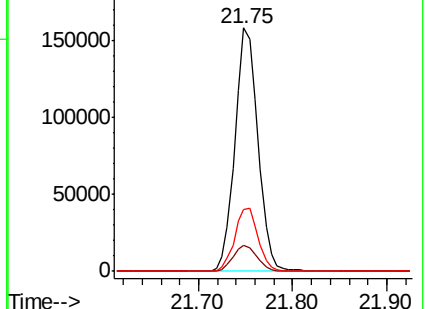
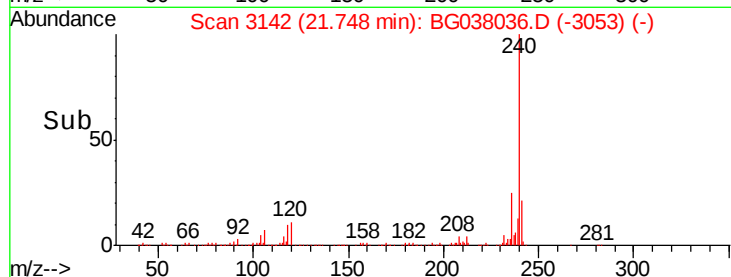
236 25.3 21.4 32.0



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: 90.190 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038036.D

Acq: 16 Nov 2018 16:42

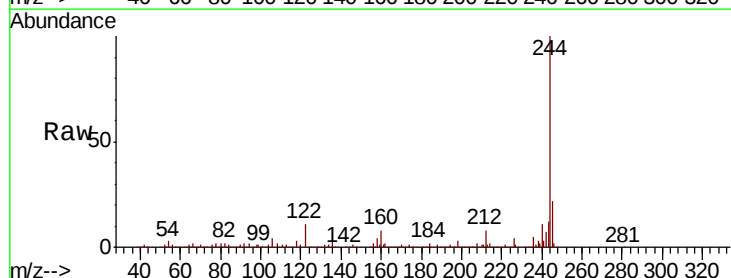
Tgt Ion:244 Resp: 1032300

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

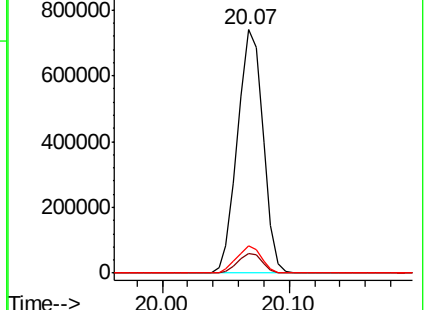
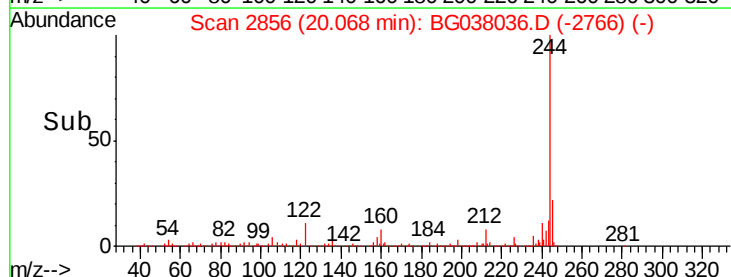
122 11.0 9.0 13.4

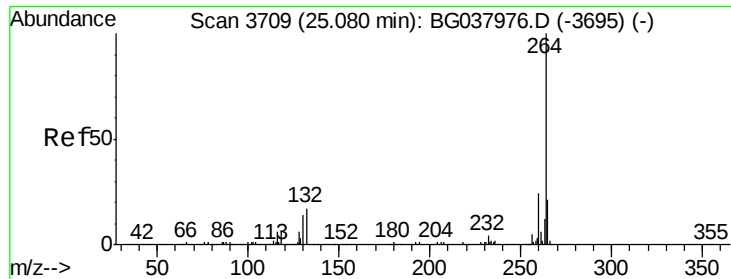


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3708
 Delta R.T. -0.01 min
 Lab File: BG038036.D
 Acq: 16 Nov 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.1	17.9	26.9

