

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
 Data File : BG040493.D
 Acq On : 15 Apr 2019 23:40
 Operator : JU/SJ
 Sample : K2389-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 01:32:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

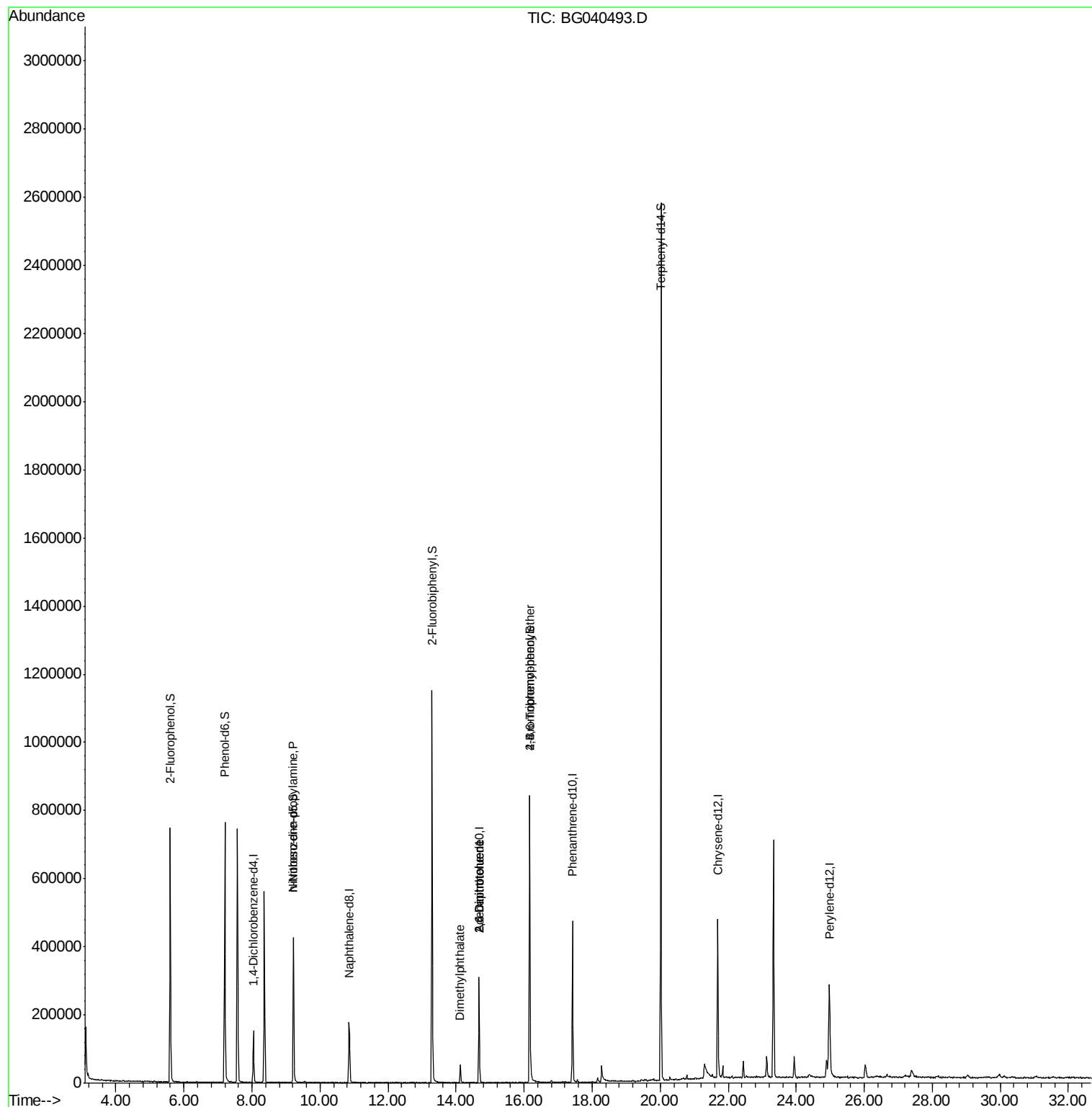
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44039	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	173952	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	108968	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	301705	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	294030	20.00	ng	-0.04
87) Perylene-d12	24.97	264	320656	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	331265	125.05	ng	-0.02
7) Phenol-d6	7.20	99	456201	124.61	ng	-0.02
23) Nitrobenzene-d5	9.22	82	273686	83.63	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	169402	143.85	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	643818	87.55	ng	-0.03
79) Terphenyl-d14	20.02	244	1170770	89.58	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	33083	12.603	ng	# 76
50) Dimethylphthalate	14.13	163	41315	4.844	ng	# 94
51) 2,6-Dinitrotoluene	14.67	165	14142	7.385	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	14142	5.315	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	12888	3.796	ng	# 1

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

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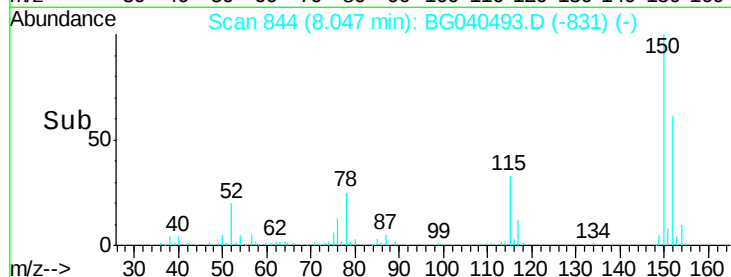
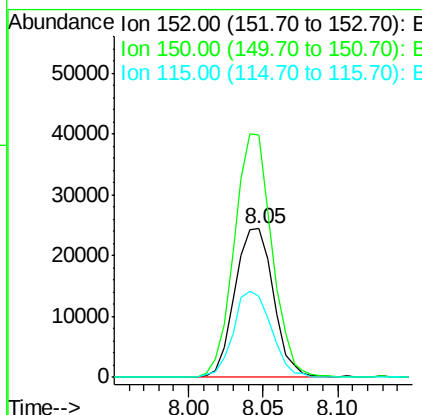
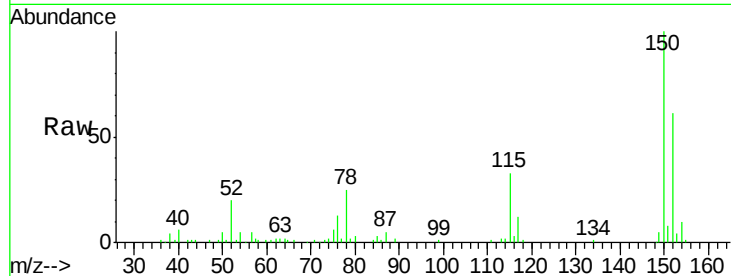


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

Instrument :
BNA_G
ClientSampled :

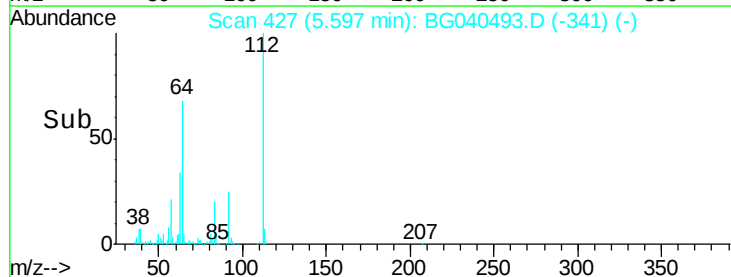
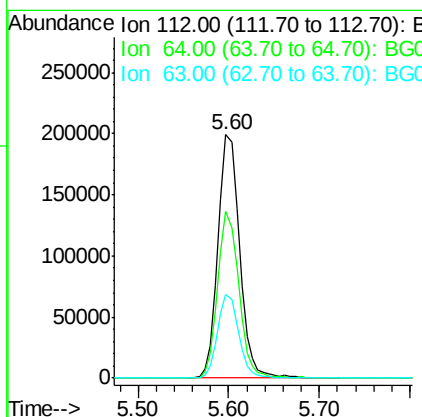
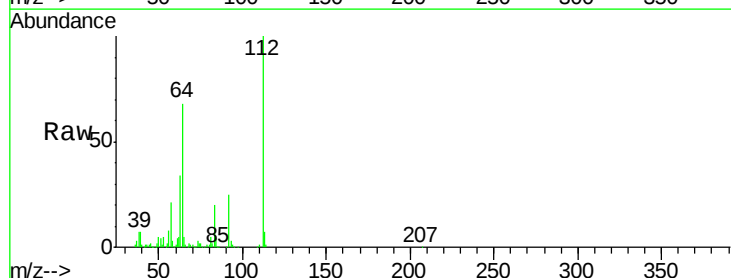
Tot Ion:152 Resp: 44039
Ion Ratio Lower Upper
152 100
150 163.0 123.7 185.5
115 54.3 46.9 70.3

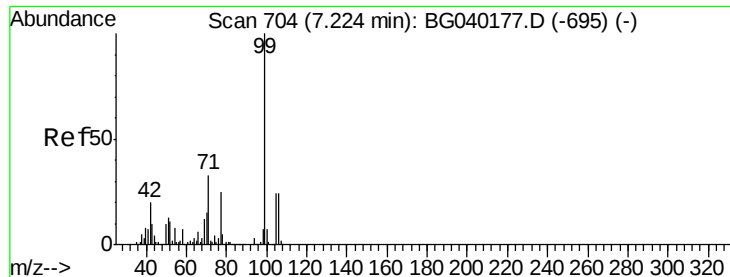


#5

2-Fluorophenol
Concen: 125.048 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

Tgt Ion:112 Resp: 331265
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.2
63 34.4 26.4 39.6





#7

Phenol-d6

Concen: 124.608 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040493.D

Acq: 15 Apr 2019 23:40

Instrument :

BNA_G

ClientSampleId :

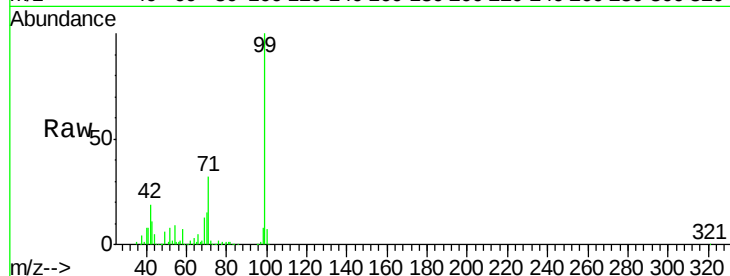
Tot Ion: 99 Resp: 456201

Ion Ratio Lower Upper

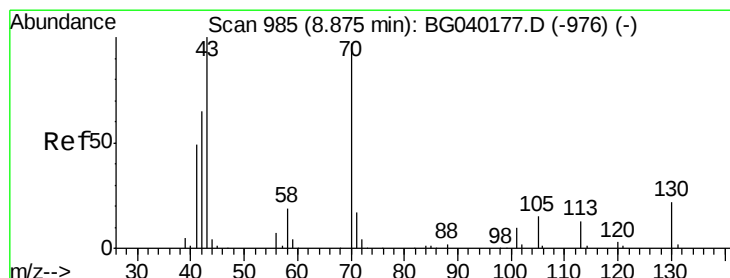
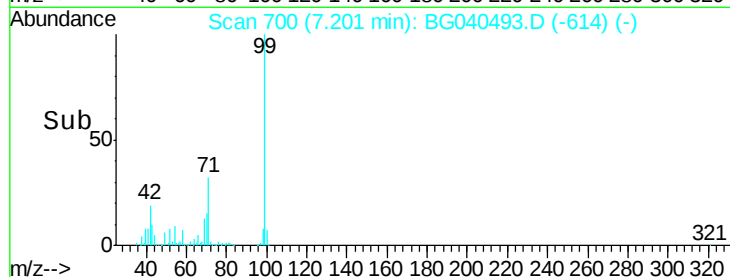
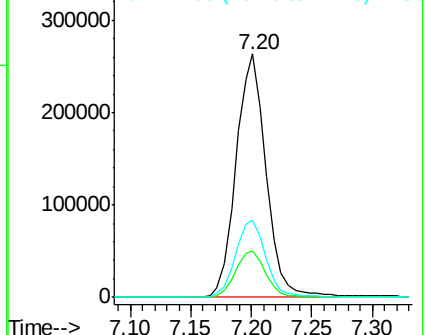
99 100

42 19.3 16.2 24.2

71 31.6 26.8 40.2



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: 12.603 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040493.D

Acq: 15 Apr 2019 23:40

Tgt Ion: 70 Resp: 33083

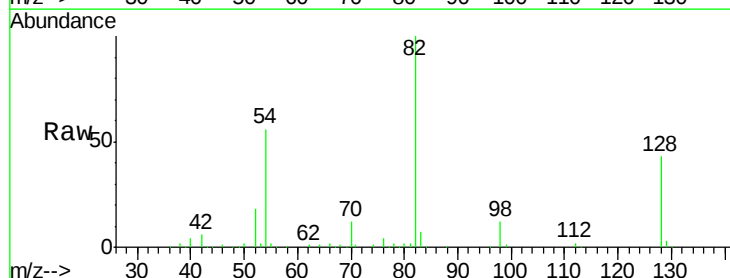
Ion Ratio Lower Upper

70 100

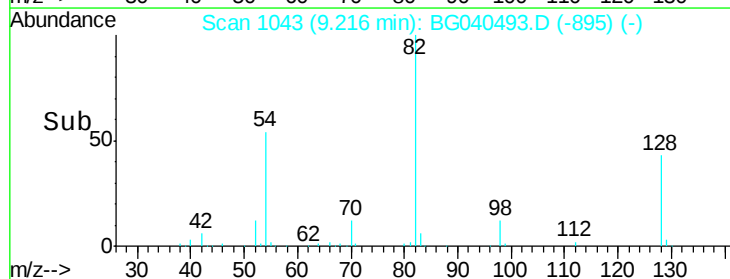
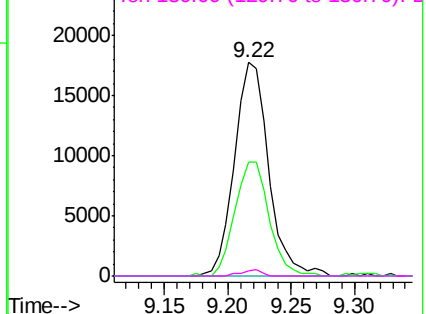
42 53.2 54.0 81.0#

101 0.0 8.6 13.0#

130 2.5 18.2 27.2#



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

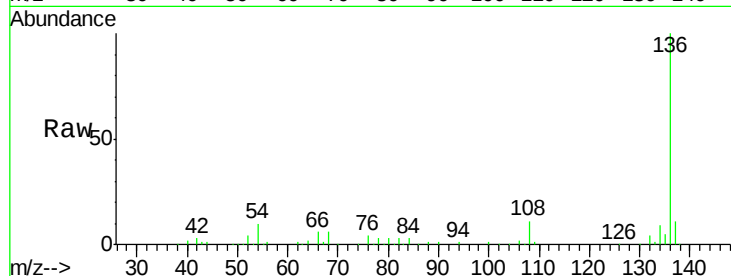




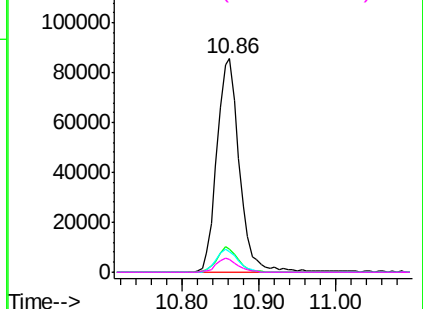
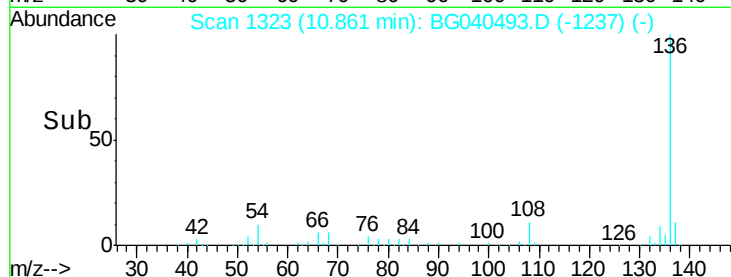
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	173952
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	9.7	9.6 14.4
68	6.1	5.1 7.7

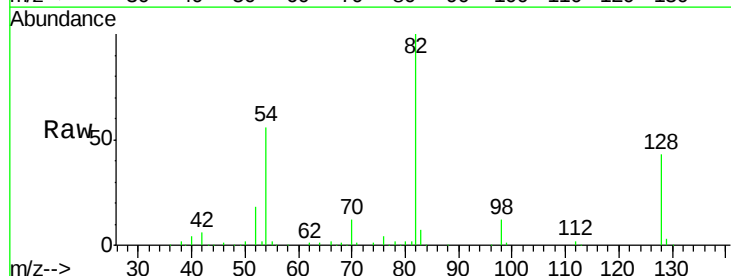


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

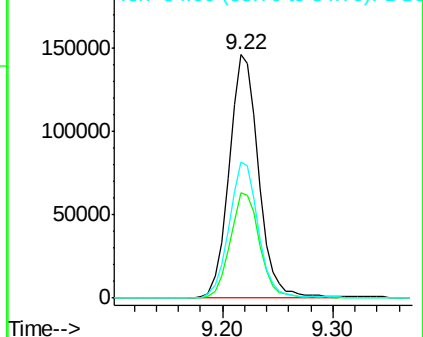
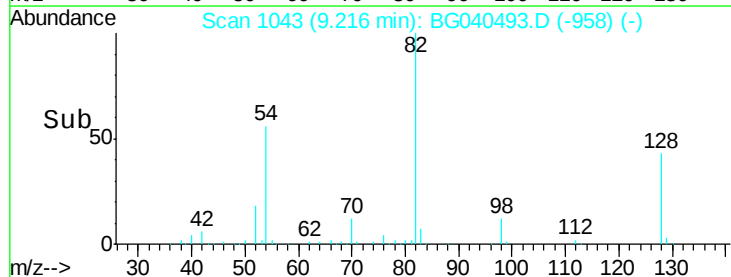


#23
Nitrobenzene-d5
Concen: 83.628 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

Tgt Ion: 82	Resp:	273686
Ion	Ratio	Lower Upper
82	100	
128	43.1	35.8 53.8
54	55.9	46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

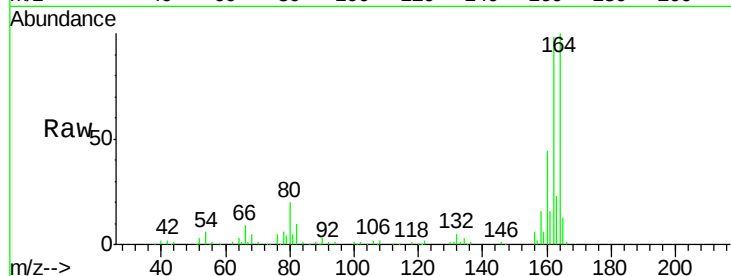




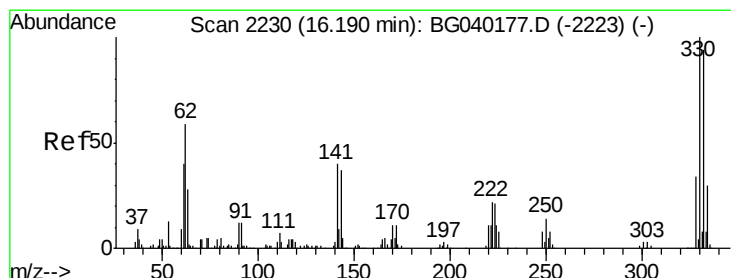
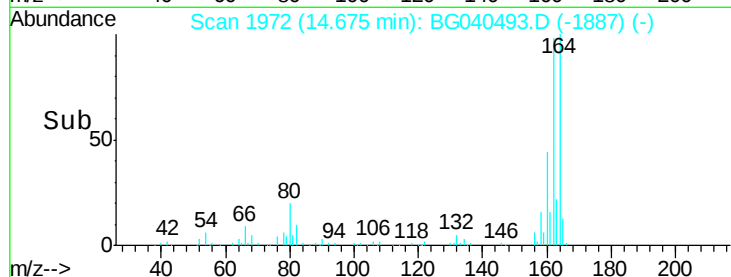
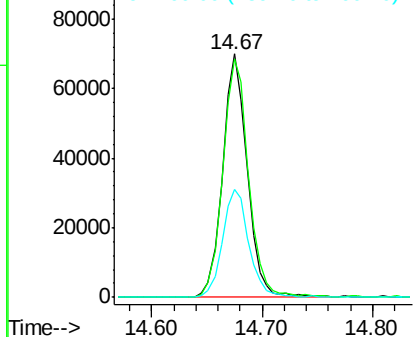
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 108968
Ion Ratio Lower Upper
164 100
162 97.9 77.4 116.2
160 44.1 35.3 52.9

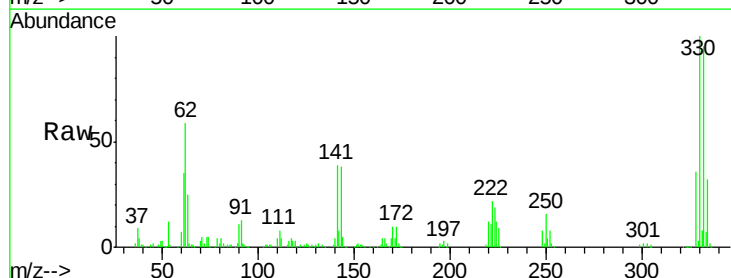


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

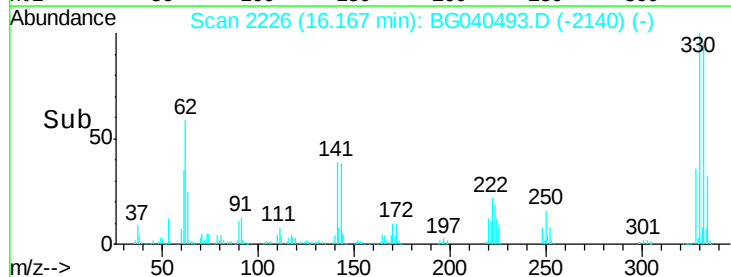
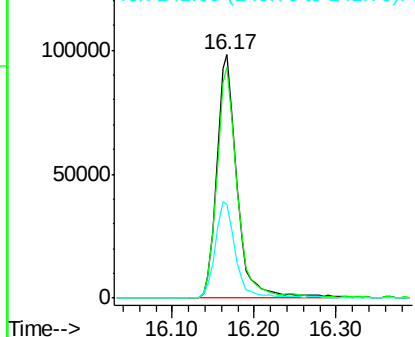


#42
2,4,6-Tribromophenol
Concen: 143.846 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

Tgt Ion:330 Resp: 169402
Ion Ratio Lower Upper
330 100
332 93.7 76.6 115.0
141 39.7 32.6 48.8



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: 87.547 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040493.D

Acq: 15 Apr 2019 23:40

Instrument :

BNA_G

ClientSampleId :

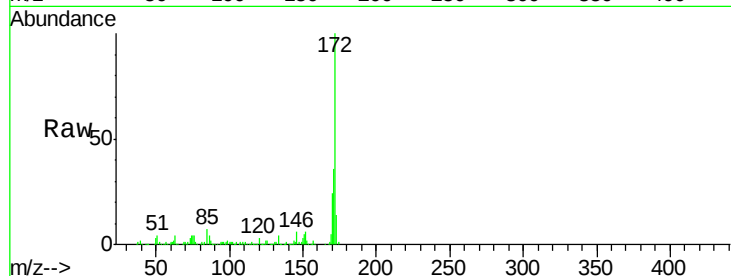
Tot Ion:172 Resp: 643818

Ion Ratio Lower Upper

172 100

171 36.1 30.5 45.7

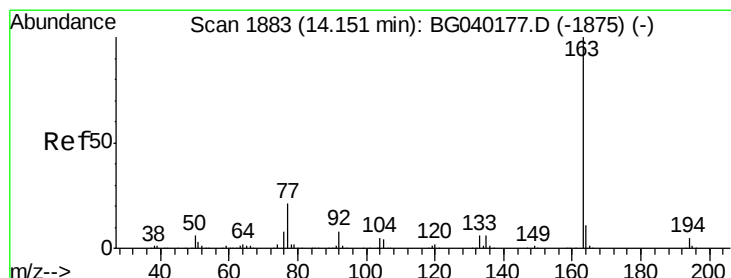
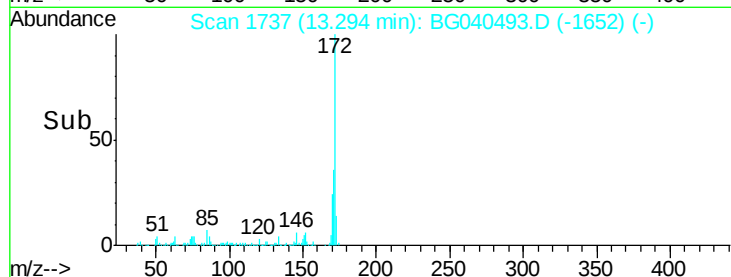
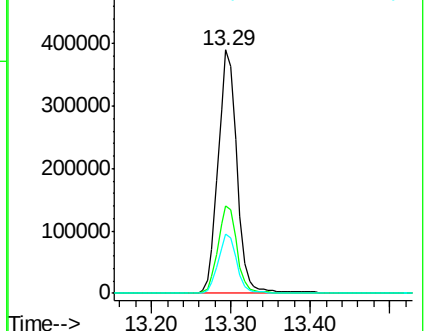
170 24.4 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 4.844 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040493.D

Acq: 15 Apr 2019 23:40

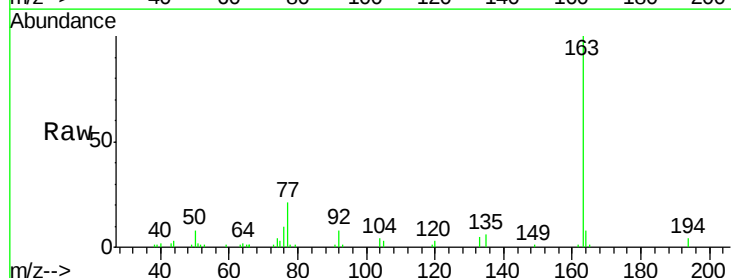
Tgt Ion:163 Resp: 41315

Ion Ratio Lower Upper

163 100

194 3.8 4.1 6.1#

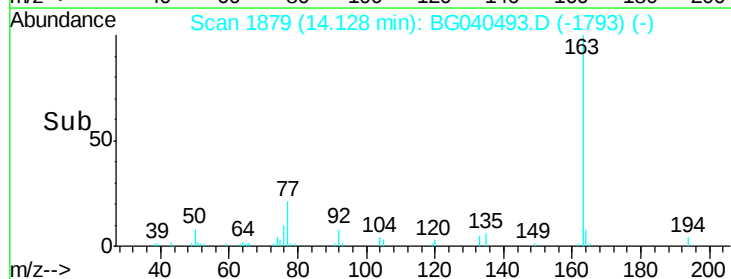
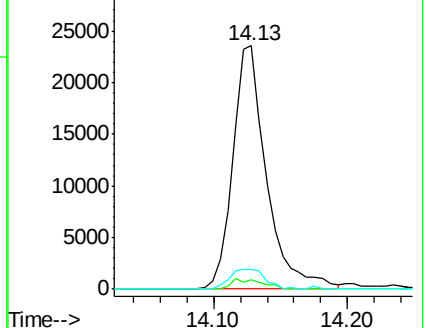
164 8.2 8.6 13.0#

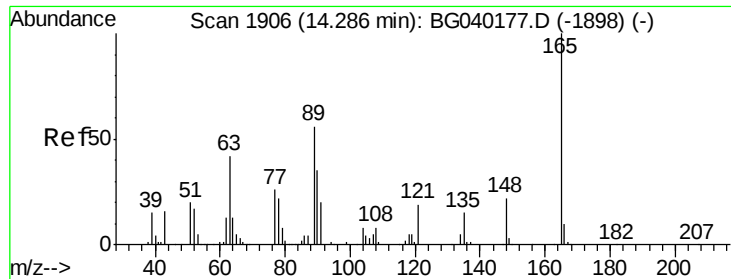


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

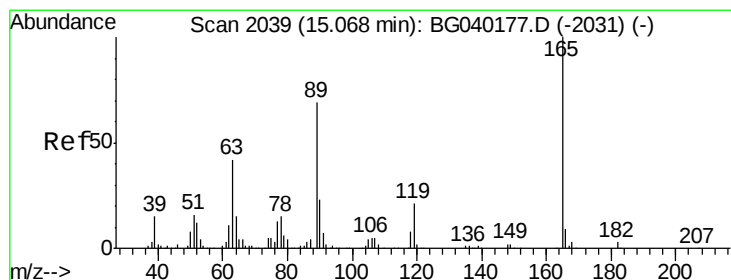
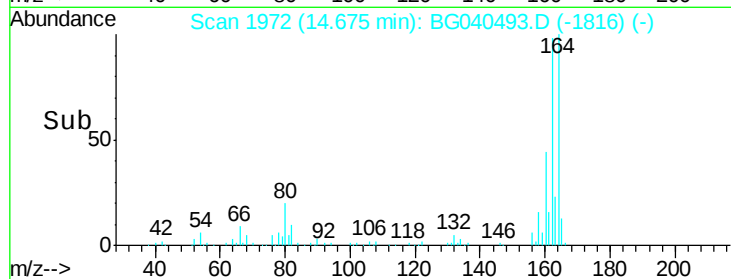
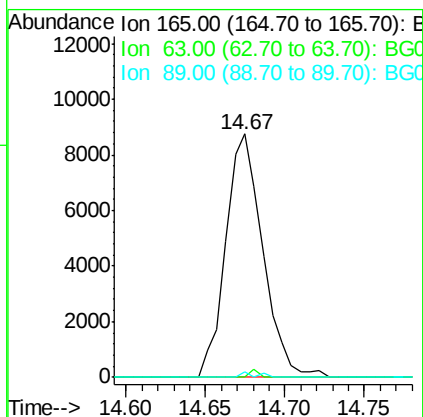
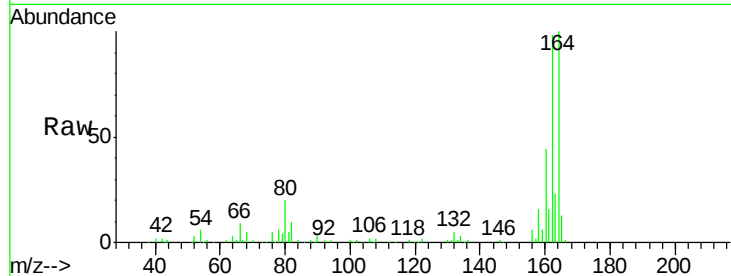




#51
 2,6-Dinitrotoluene
 Concen: 7.385 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.39 min
 Lab File: BG040493.D
 Acq: 15 Apr 2019 23:40

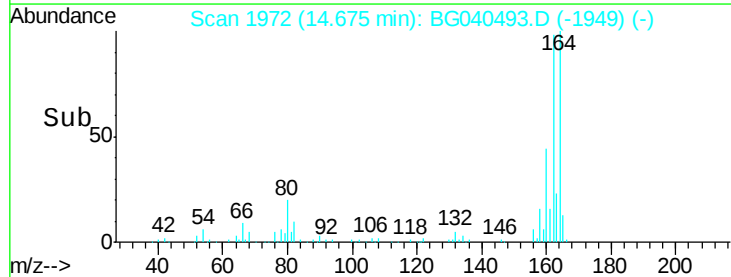
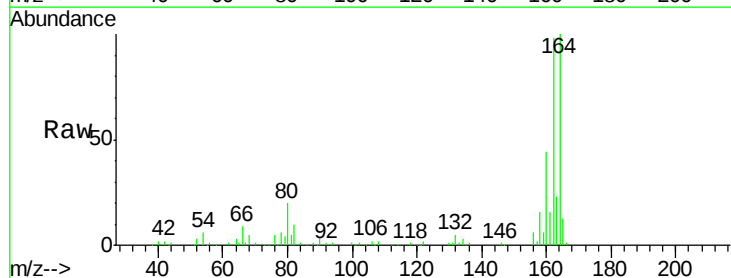
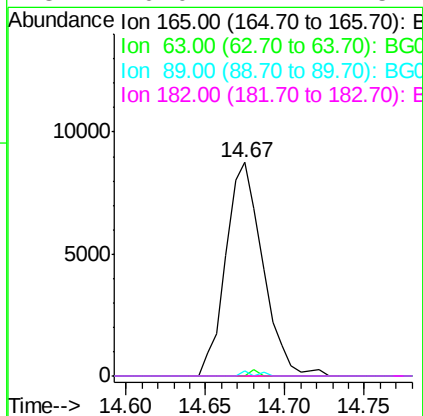
Instrument :
 BNA_G
 ClientSampleId :

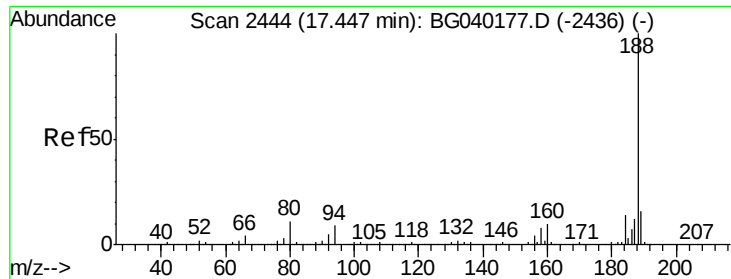
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	2.5	44.9	67.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.315 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040493.D
 Acq: 15 Apr 2019 23:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.5	55.4	83.2#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040493.D

Acq: 15 Apr 2019 23:40

Instrument :

BNA_G

ClientSampleId :

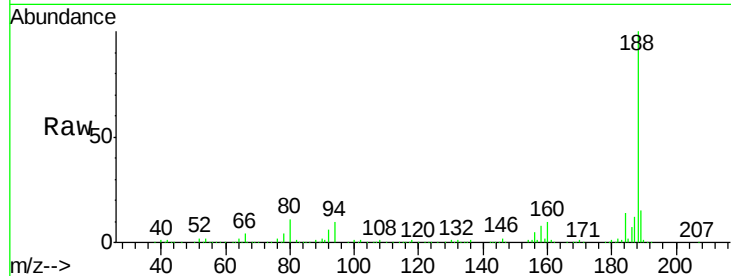
Tot Ion:188 Resp: 301705

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.4

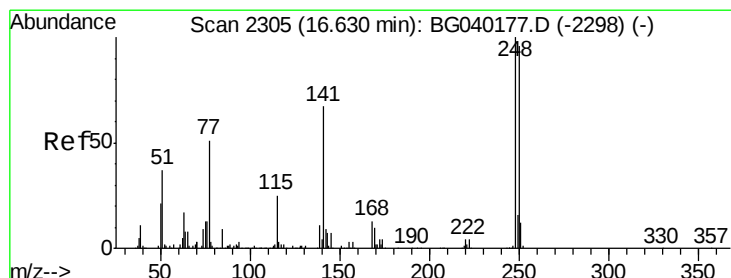
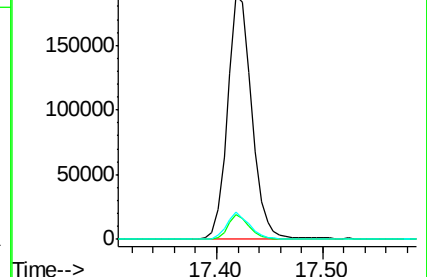
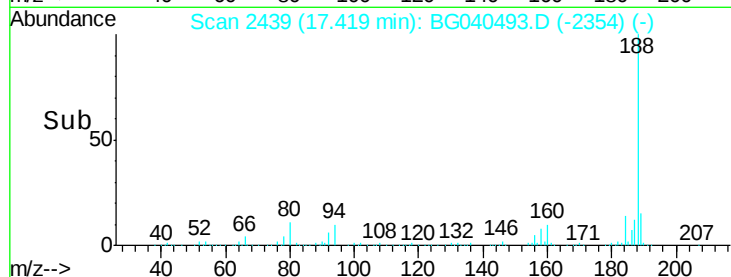
80 11.0 8.6 13.0



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: 3.796 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG040493.D

Acq: 15 Apr 2019 23:40

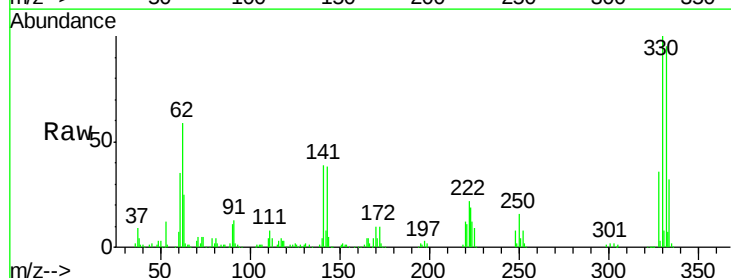
Tgt Ion:248 Resp: 12888

Ion Ratio Lower Upper

248 100

250 247.0 76.4 114.6#

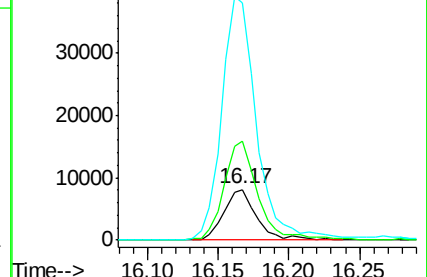
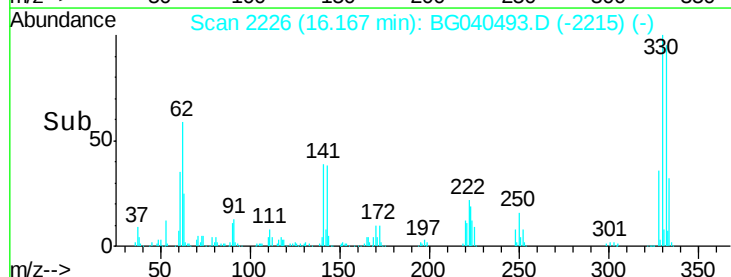
141 469.5 53.8 80.8#

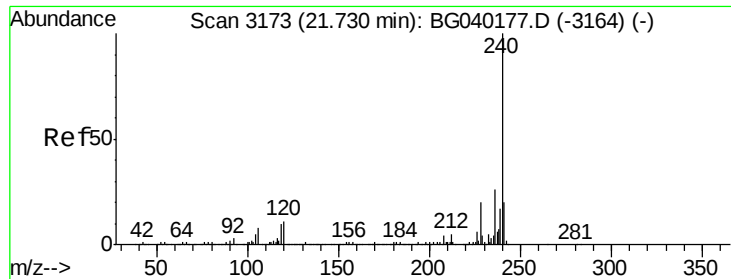


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

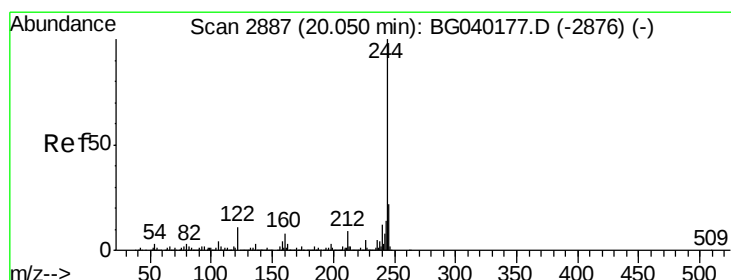
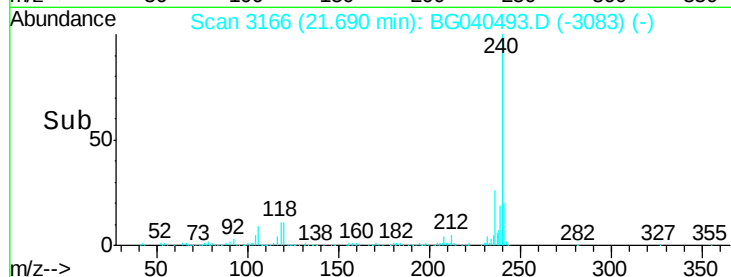
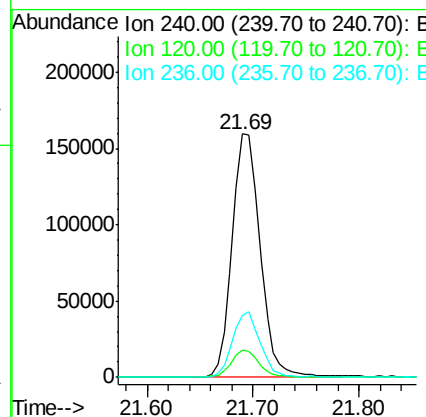
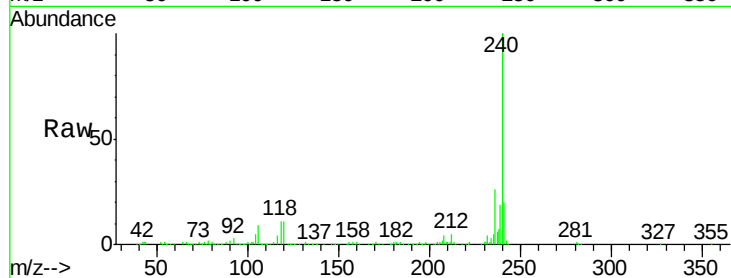




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040493.D
 Acq: 15 Apr 2019 23:40

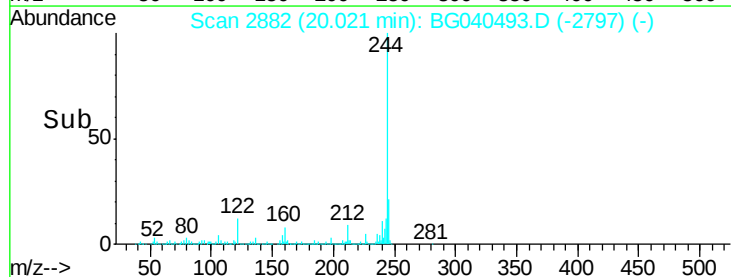
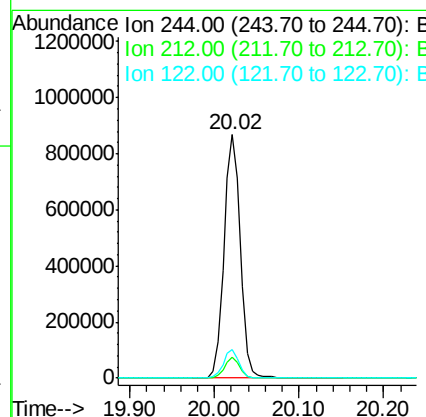
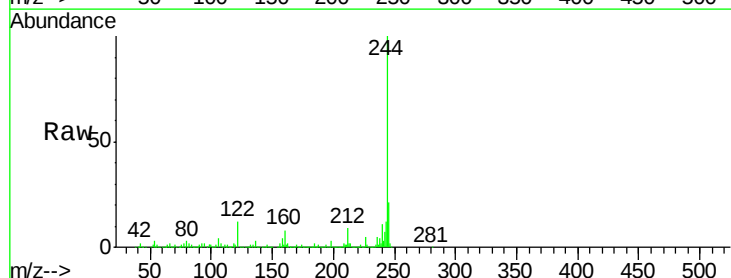
Instrument :
 BNA_G
 ClientSampleId :

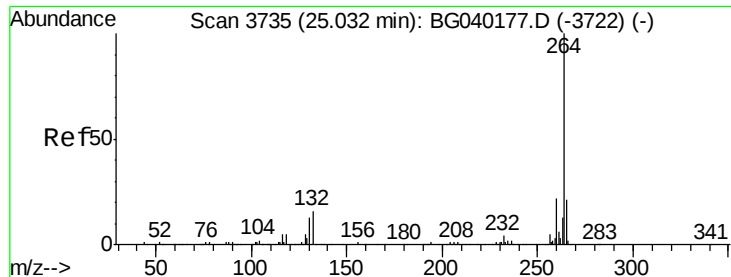
Tot Ion:240 Resp: 294030
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.4 12.6
 236 25.6 20.8 31.2



#79
 Terphenyl-d14
 Concen: 89.577 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040493.D
 Acq: 15 Apr 2019 23:40

Tgt Ion:244 Resp: 1170770
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.0 10.6
 122 11.8 8.5 12.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040493.D
Acq: 15 Apr 2019 23:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.9	26.9
265	21.0	16.8	25.2

