

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
 Data File : BG040496.D
 Acq On : 16 Apr 2019 1:40
 Operator : JU/SJ
 Sample : K2397-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 04:12:28 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

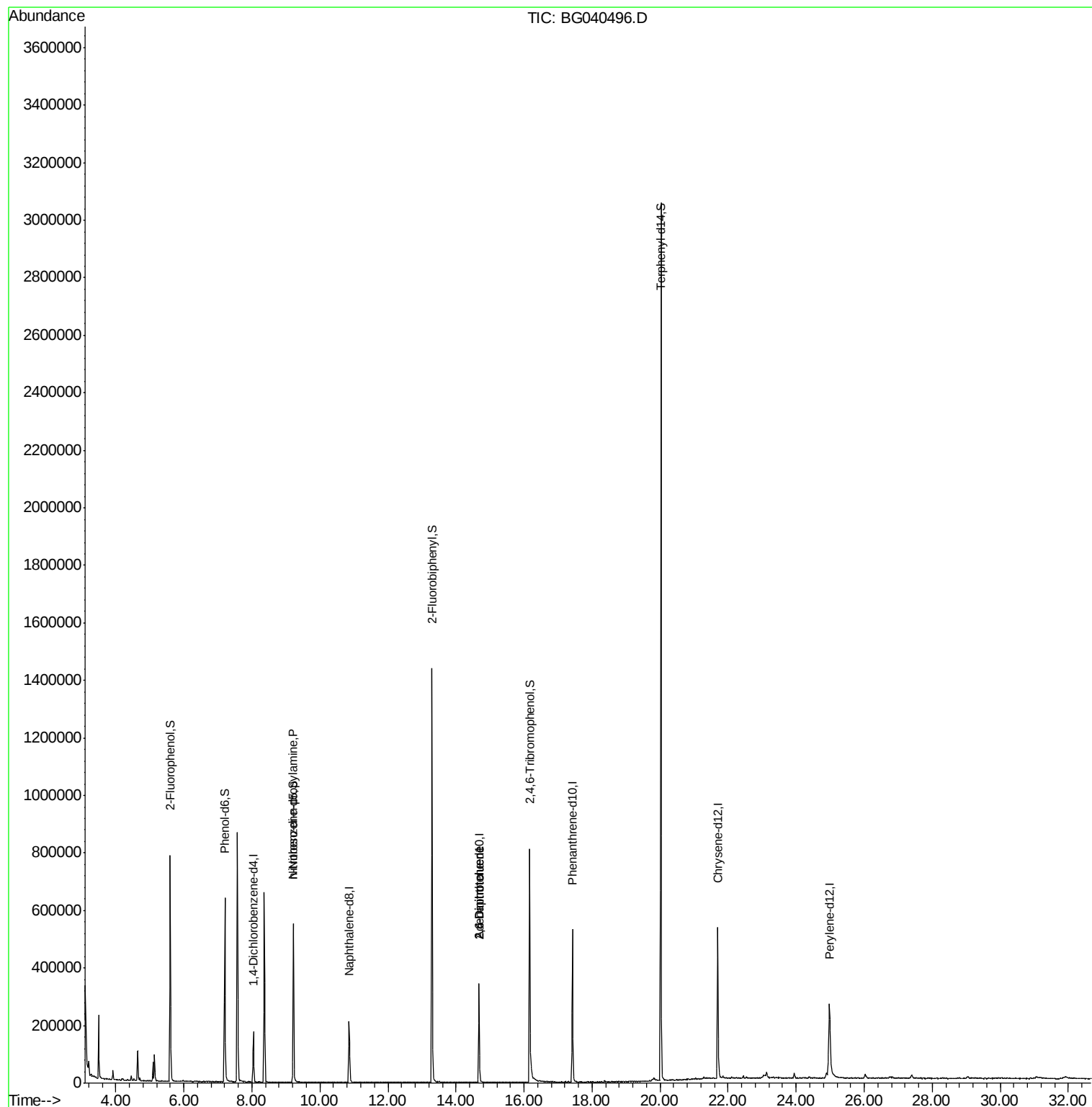
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50950	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	196720	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	125235	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	343481	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	343195	20.00	ng	-0.03
87) Perylene-d12	24.98	264	364786	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	342617	111.79	ng	-0.02
7) Phenol-d6	7.20	99	411943	97.26	ng	-0.02
23) Nitrobenzene-d5	9.22	82	345121	93.25	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	180960	133.70	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	781082	92.42	ng	-0.03
79) Terphenyl-d14	20.02	244	1434212	94.01	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	44364	14.609	ng	# 70
51) 2,6-Dinitrotoluene	14.67	165	15893	7.222	ng	# 26
57) 2,4-Dinitrotoluene	14.67	165	15893	5.197	ng	# 27

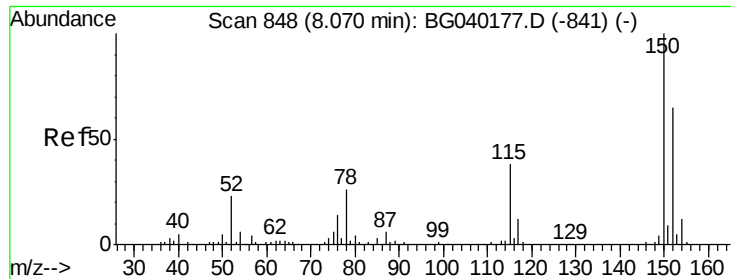
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
Data File : BG040496.D
Acq On : 16 Apr 2019 1:40
Operator : JU/SJ
Sample : K2397-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 16 04:12:28 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



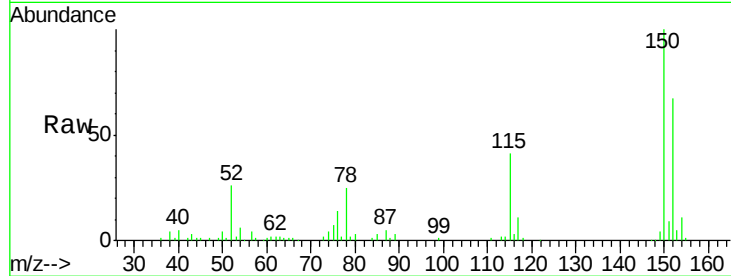


#1

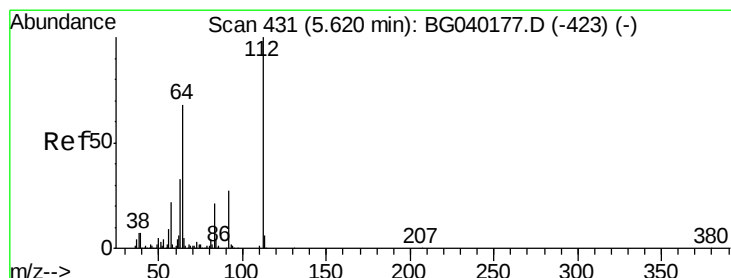
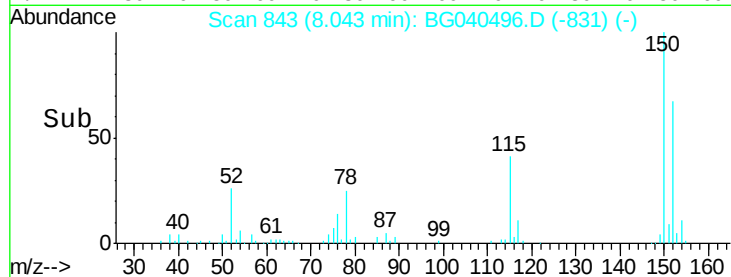
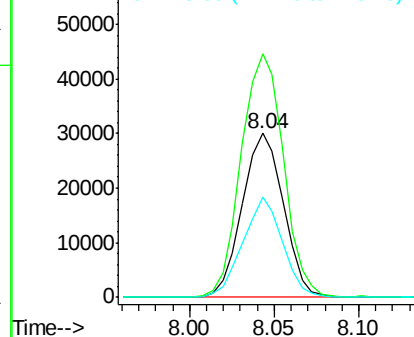
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040496.D
Acq: 16 Apr 2019 1:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50950
Ion Ratio Lower Upper
152 100
150 148.8 123.7 185.5
115 61.2 46.9 70.3



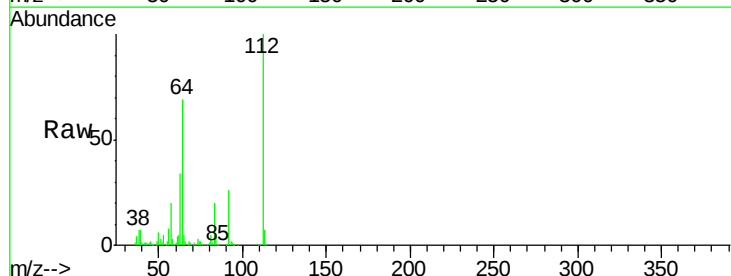
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



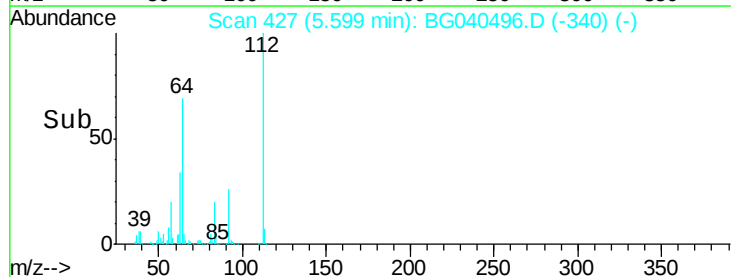
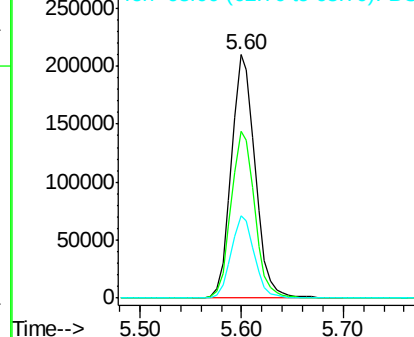
#5

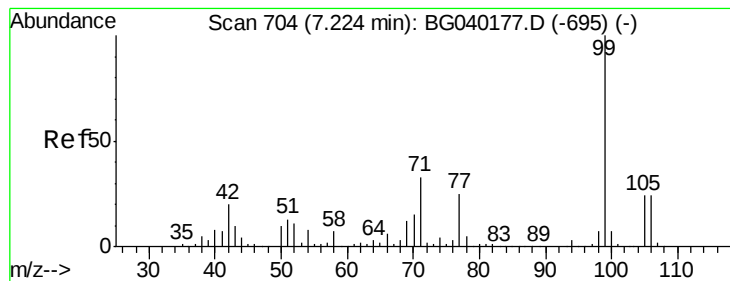
2-Fluorophenol
Concen: 111.790 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040496.D
Acq: 16 Apr 2019 1:40

Tgt Ion:112 Resp: 342617
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.2
63 34.1 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 97.256 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040496.D

Acq: 16 Apr 2019 1:40

Instrument :

BNA_G

ClientSampleId :

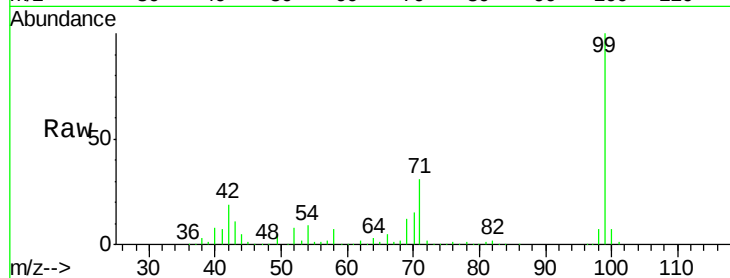
Tot Ion: 99 Resp: 411943

Ion Ratio Lower Upper

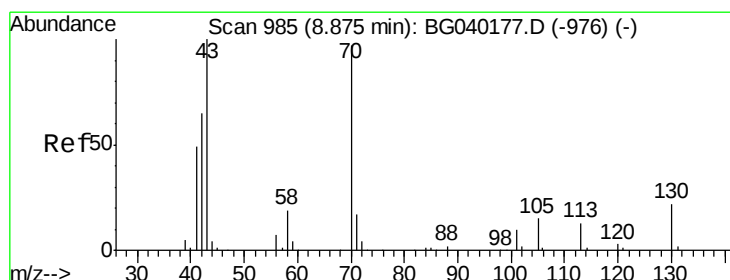
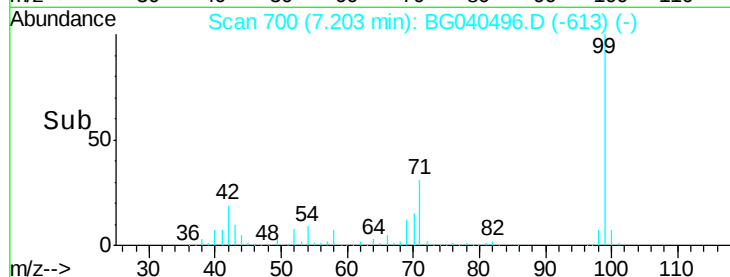
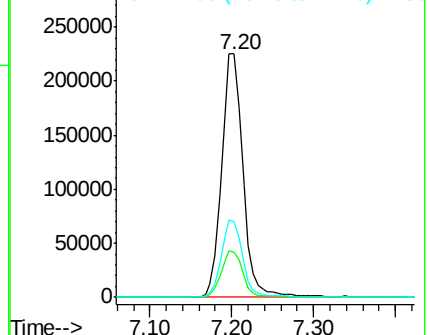
99 100

42 18.6 16.2 24.2

71 31.1 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: 14.609 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040496.D

Acq: 16 Apr 2019 1:40

Tgt Ion: 70 Resp: 44364

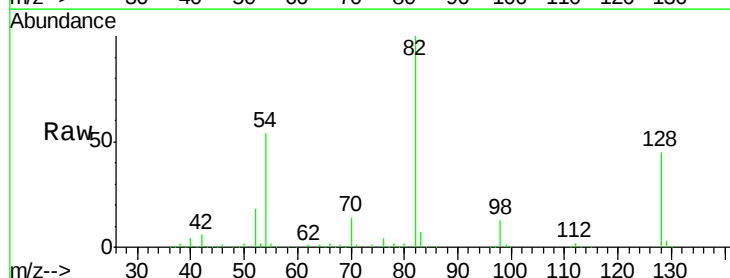
Ion Ratio Lower Upper

70 100

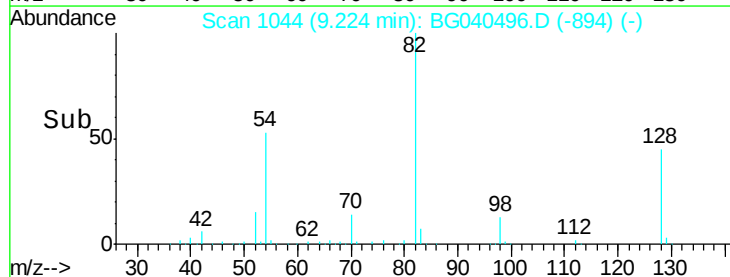
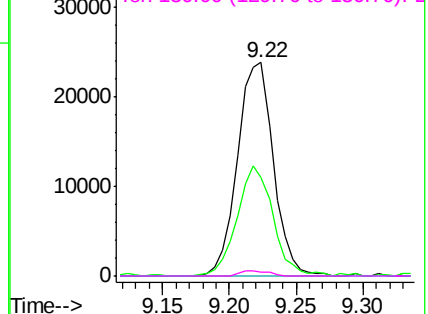
42 46.2 54.0 81.0#

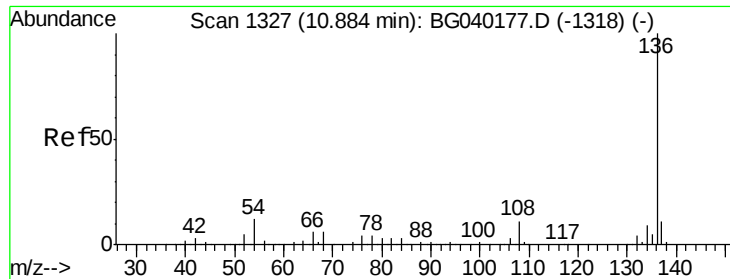
101 0.0 8.6 13.0#

130 1.9 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

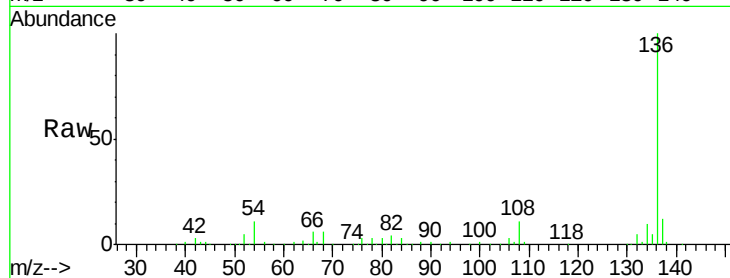




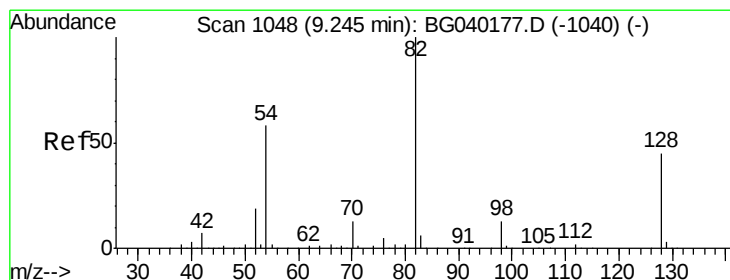
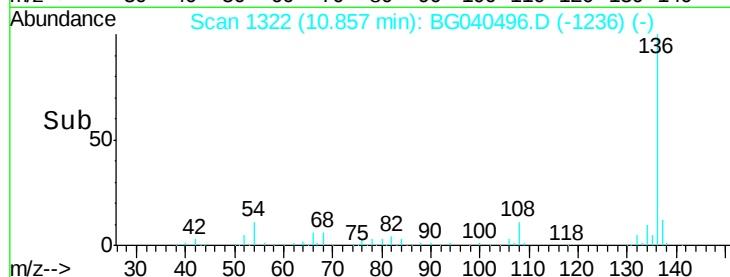
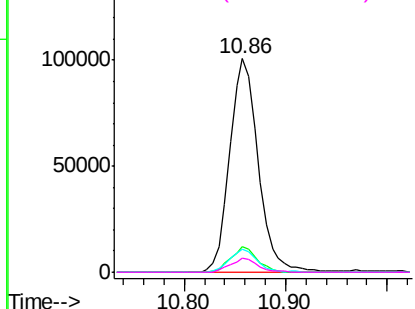
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040496.D
Acq: 16 Apr 2019 1:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	196720
Ion Ratio	Lower	Upper
136	100	
137	11.9	8.9 13.3
54	10.9	9.6 14.4
68	6.4	5.1 7.7

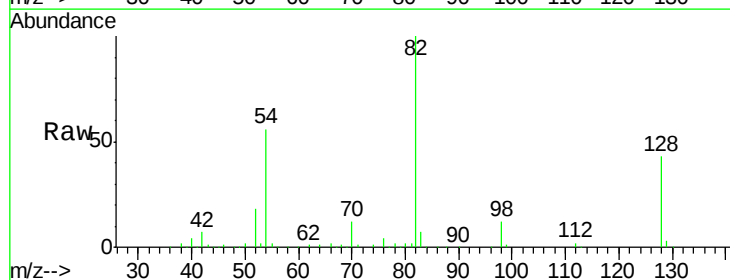


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

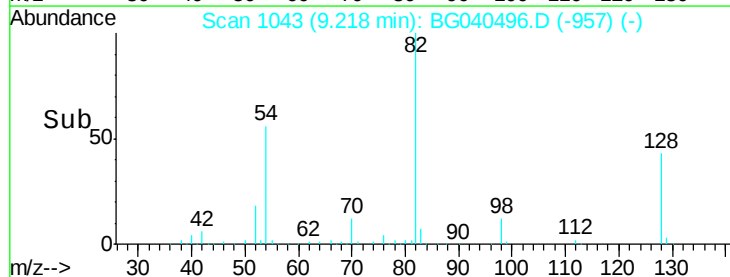
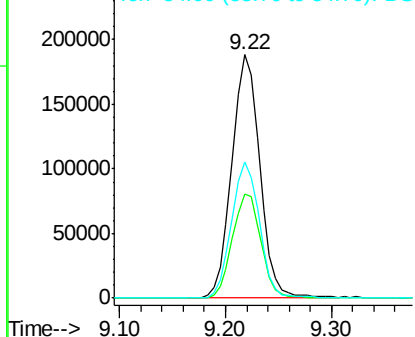


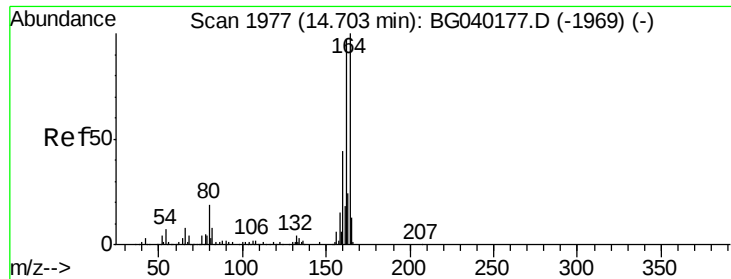
#23
Nitrobenzene-d5
Concen: 93.251 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040496.D
Acq: 16 Apr 2019 1:40

Tgt Ion: 82	Resp:	345121
Ion Ratio	Lower	Upper
82	100	
128	42.9	35.8 53.8
54	55.7	46.2 69.2



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

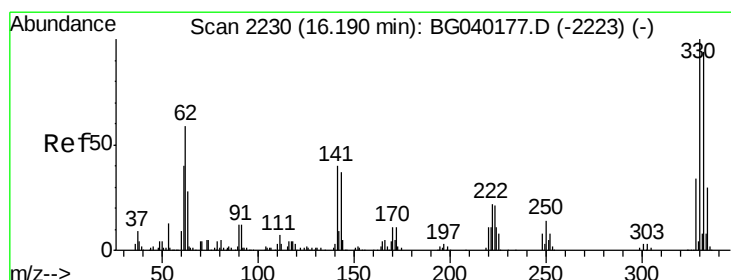
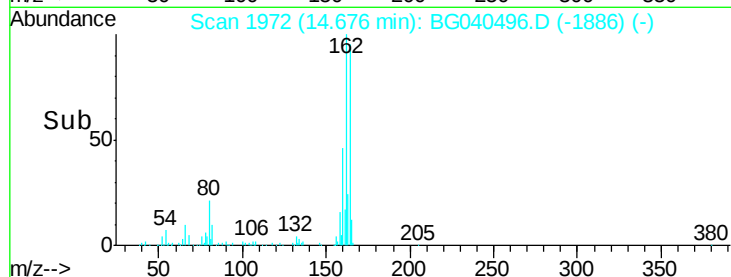
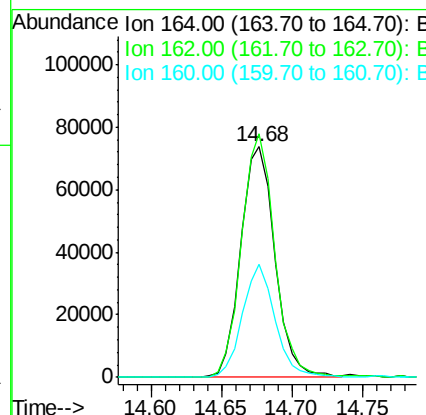
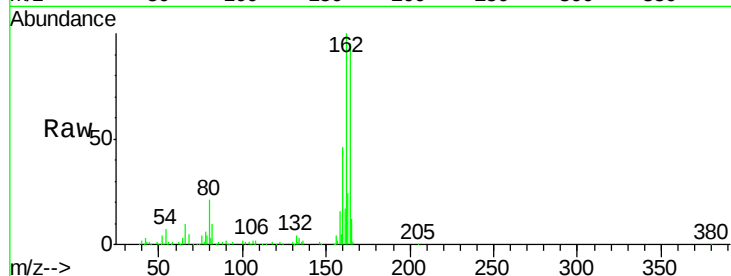




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040496.D
Acq: 16 Apr 2019 1:40

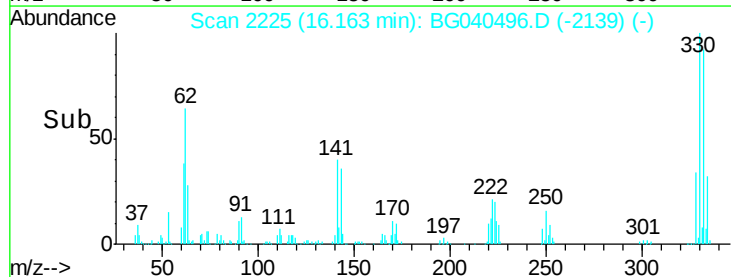
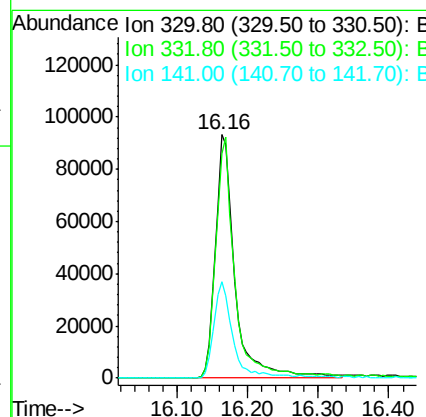
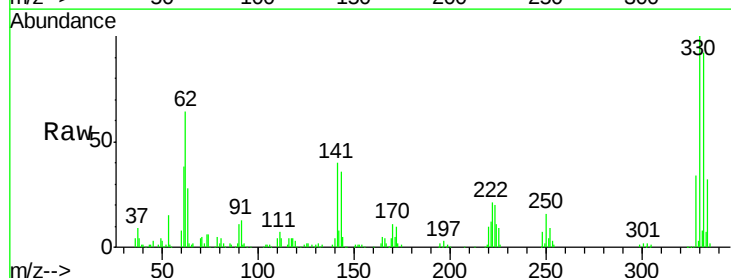
Instrument :
BNA_G
ClientSampleId :

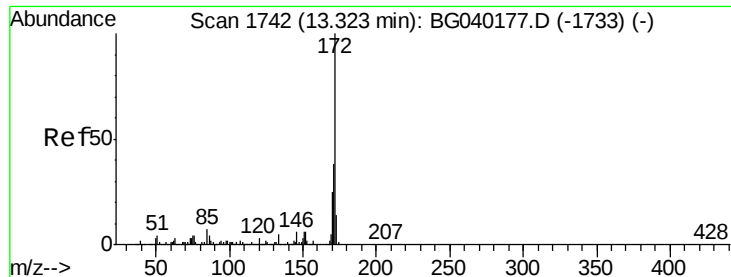
Tot Ion:164 Resp: 125235
Ion Ratio Lower Upper
164 100
162 105.7 77.4 116.2
160 48.8 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 133.701 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG040496.D
Acq: 16 Apr 2019 1:40

Tgt Ion:330 Resp: 180960
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 37.4 32.6 48.8

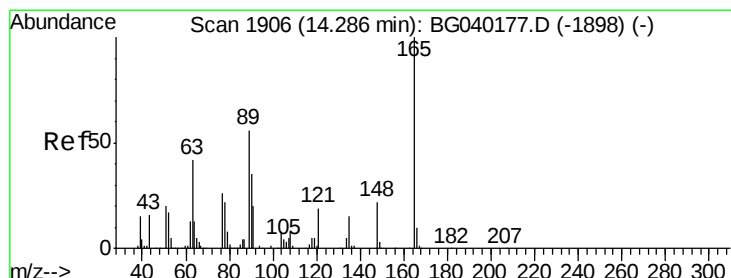
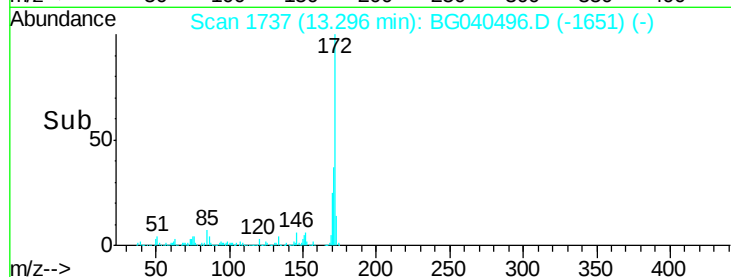
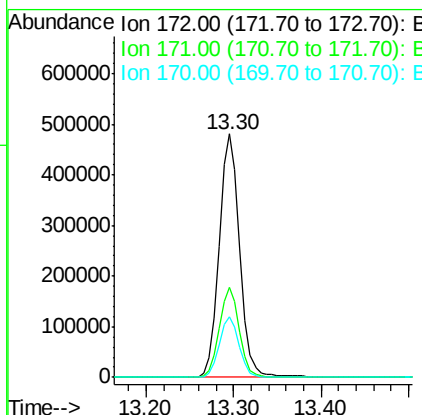
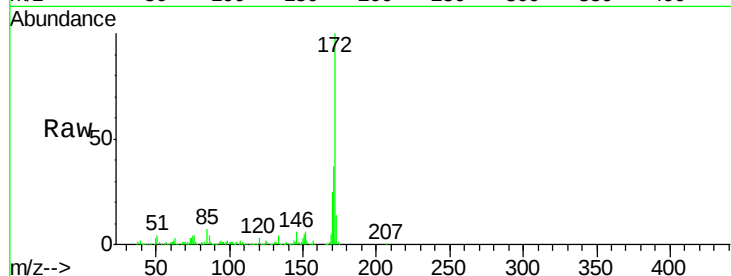




#45
2-Fluorobiphenyl
Concen: 92.416 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040496.D
Acq: 16 Apr 2019 1:40

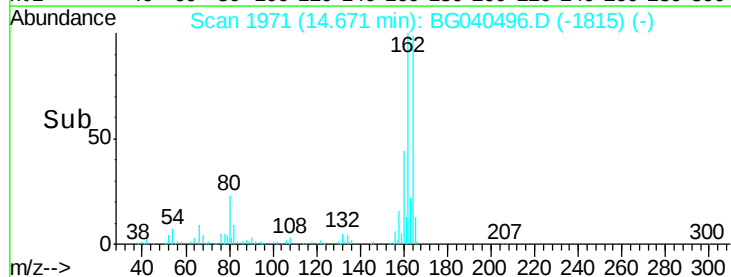
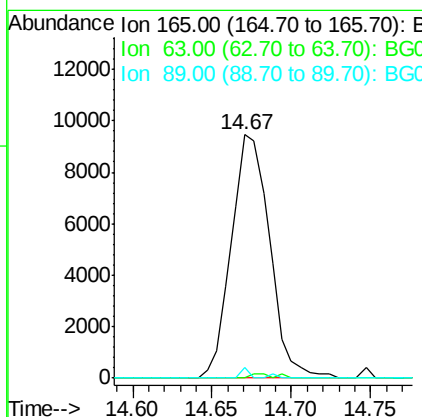
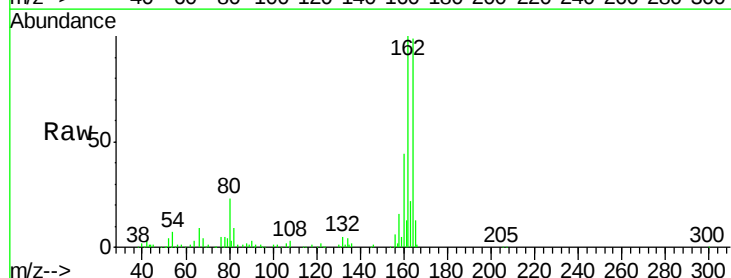
Instrument :
BNA_G
ClientSampleId :

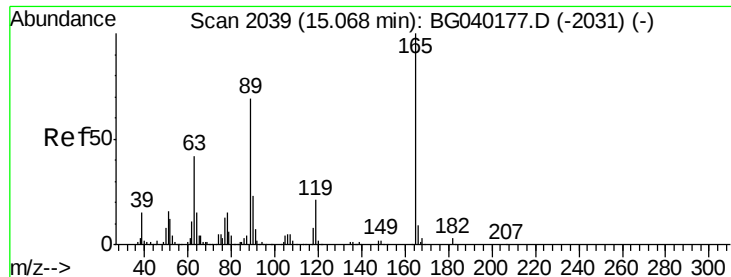
Tot Ion:172 Resp: 781082
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 25.1 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.222 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.38 min
Lab File: BG040496.D
Acq: 16 Apr 2019 1:40

Tgt Ion:165 Resp: 15893
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 4.3 44.9 67.3#

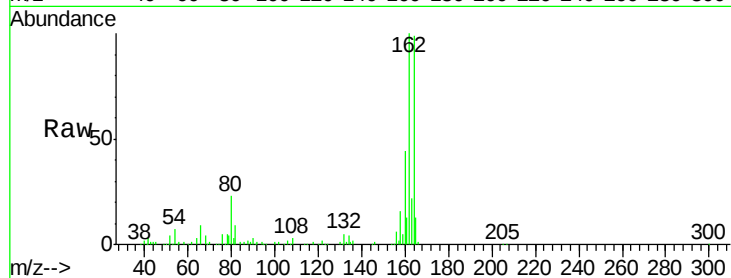




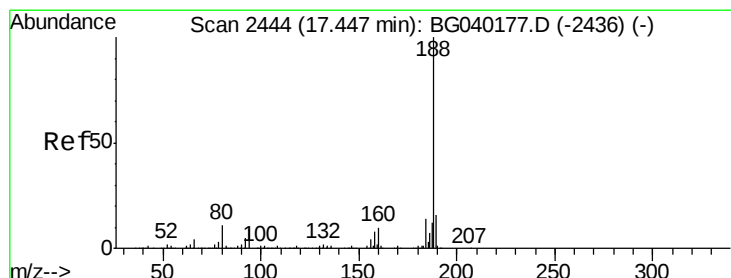
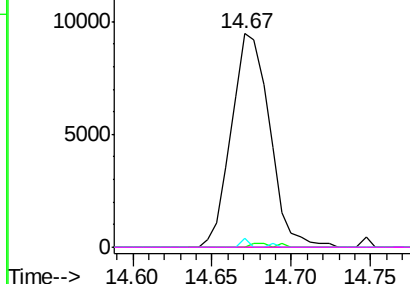
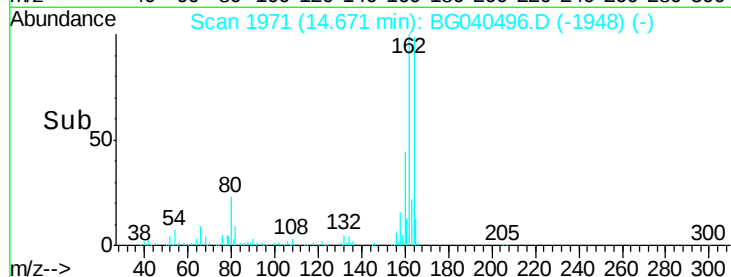
#57
 2,4-Dinitrotoluene
 Concen: 5.197 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.40 min
 Lab File: BG040496.D
 Acq: 16 Apr 2019 1:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15893
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.6#
 89 4.3 55.4 83.2#
 182 0.0 2.2 3.4#

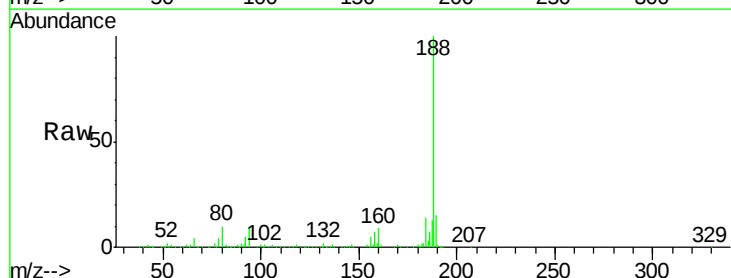


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

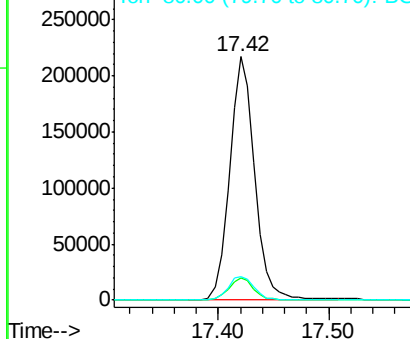
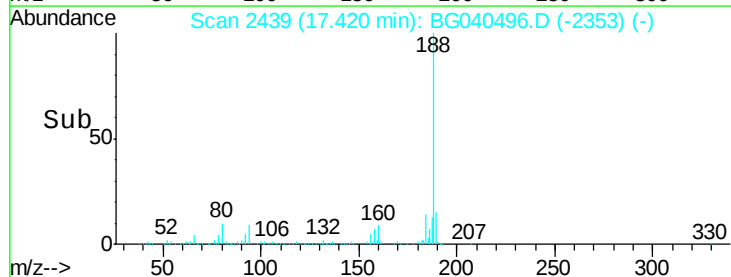


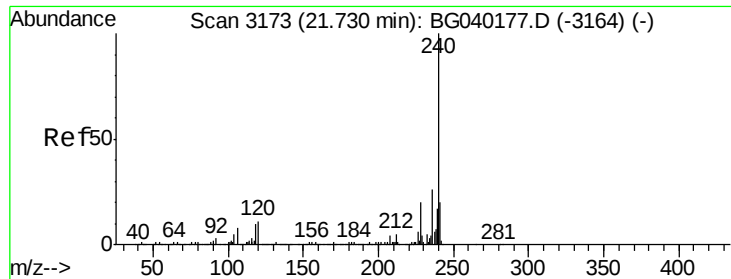
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040496.D
 Acq: 16 Apr 2019 1:40

Tgt Ion:188 Resp: 343481
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.0 10.4
 80 9.5 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040496.D

Acq: 16 Apr 2019 1:40

Instrument :

BNA_G

ClientSampleId :

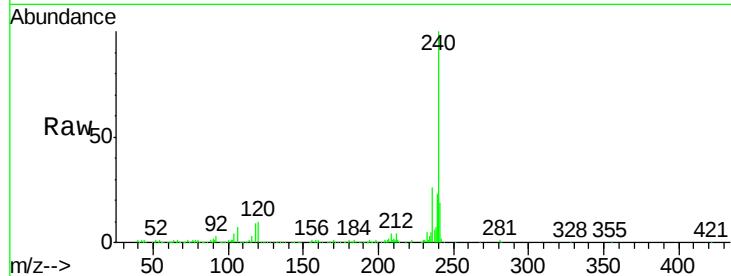
Tot Ion:240 Resp: 343195

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

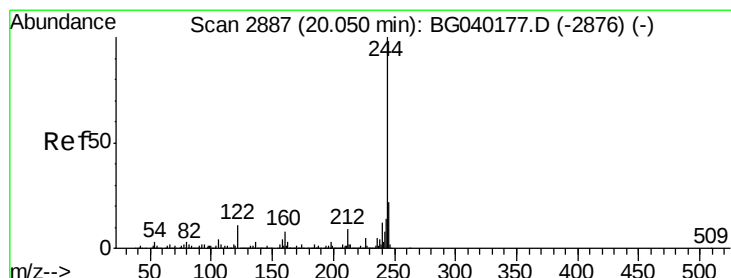
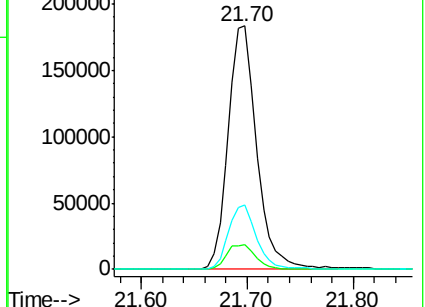
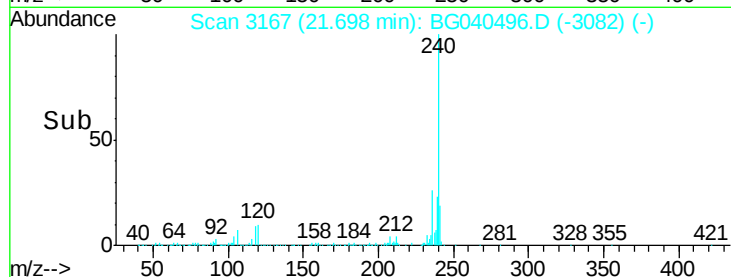
236 26.2 20.8 31.2



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: 94.013 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040496.D

Acq: 16 Apr 2019 1:40

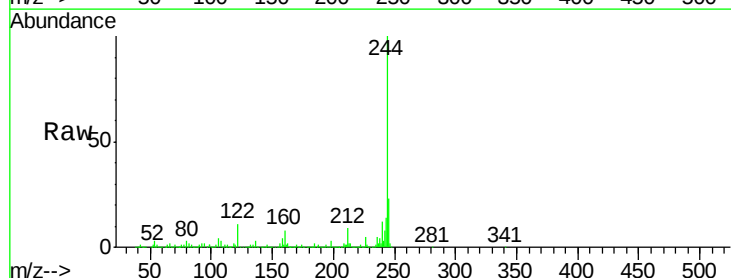
Tgt Ion:244 Resp: 1434212

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

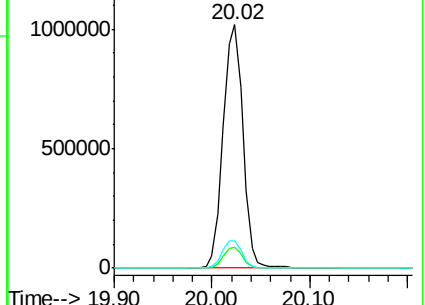
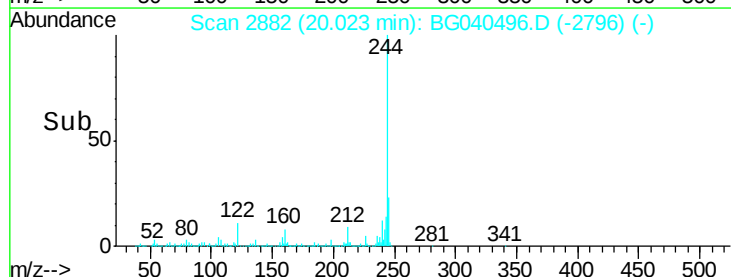
122 11.2 8.5 12.7

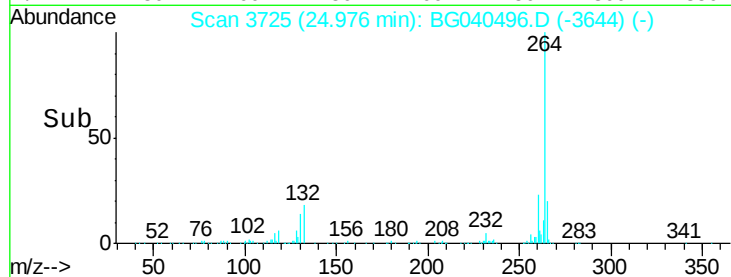
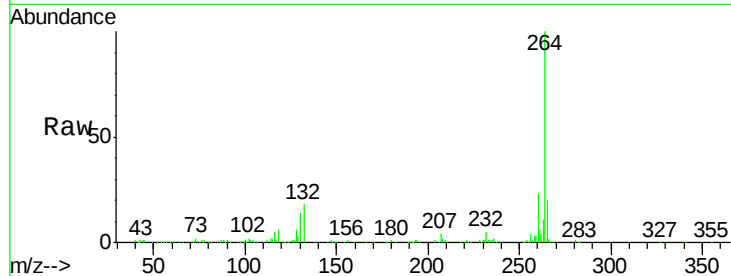
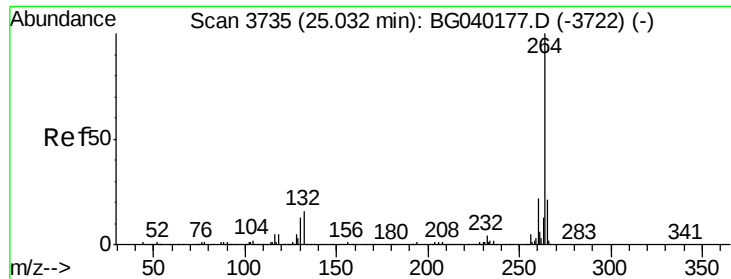


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.98 min Scan# 3725
 Delta R.T. -0.06 min
 Lab File: BG040496.D
 Acq: 16 Apr 2019 1:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.9	26.9
265	20.4	16.8	25.2

