

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040349.D
 Acq On : 4 Apr 2019 7:15
 Operator : JU/SJ
 Sample : K2219-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 07:54:05 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

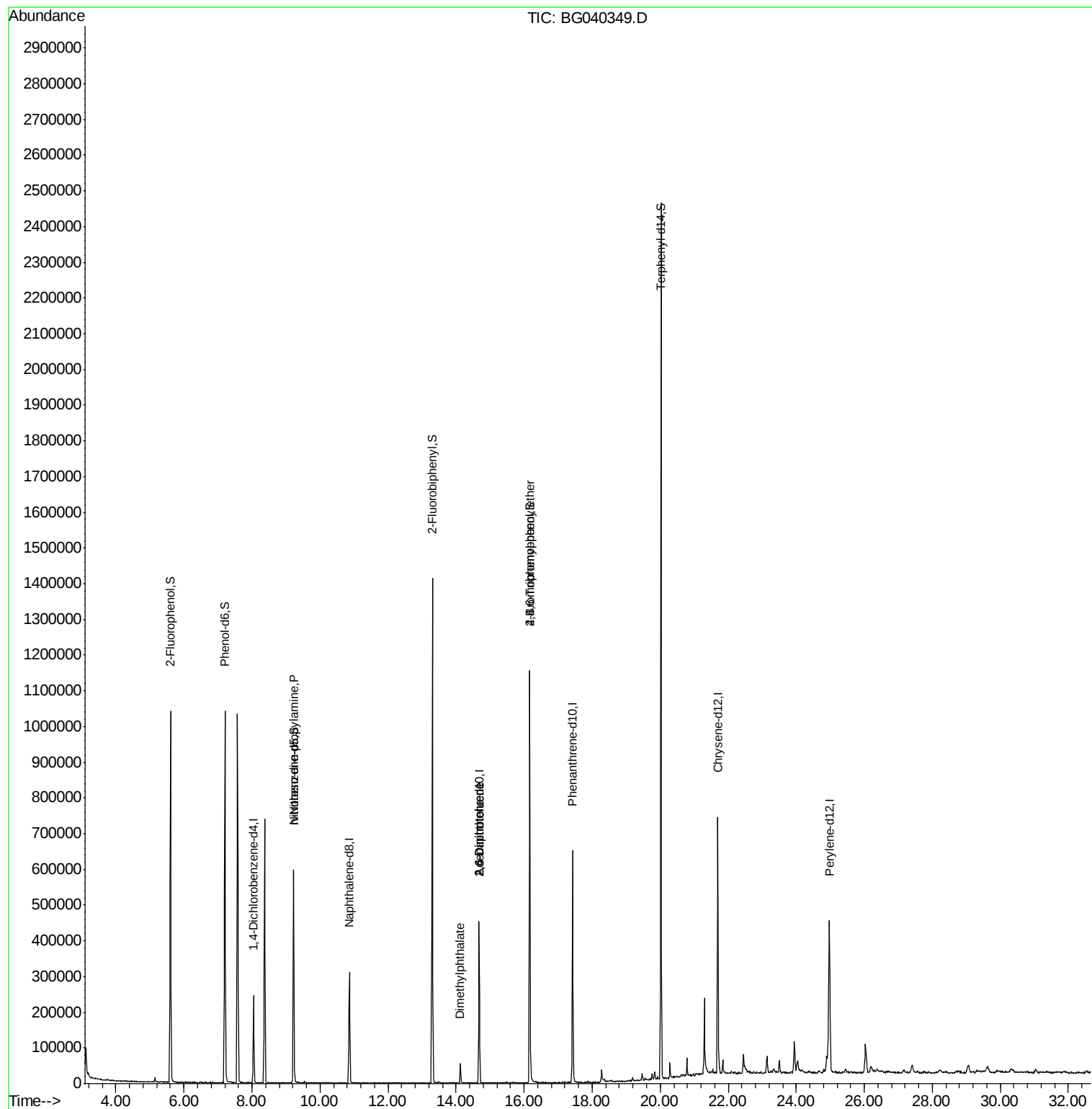
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	70303	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	276797	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	167421	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	398415	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	437987	20.00	ng	-0.03
87) Perylene-d12	24.97	264	452614	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	459585	108.68	ng	-0.02
7) Phenol-d6	7.20	99	633173	108.34	ng	-0.02
23) Nitrobenzene-d5	9.22	82	374684	71.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	213315	117.89	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	770838	68.22	ng	-0.02
79) Terphenyl-d14	20.02	244	1129667	58.02	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	47638	11.368	ng	# 73
50) Dimethylphthalate	14.12	163	40900	3.121	ng	# 99
51) 2,6-Dinitrotoluene	14.67	165	21557	7.327	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	21557	5.273	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	16636	3.710	ng	# 1

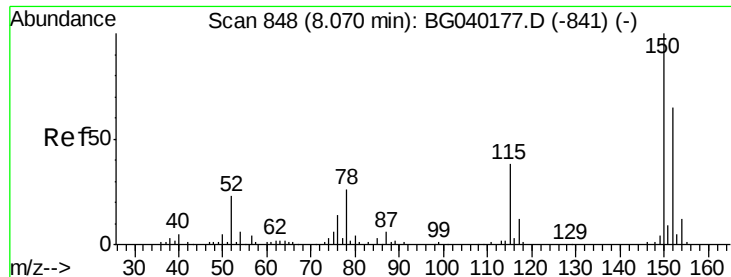
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
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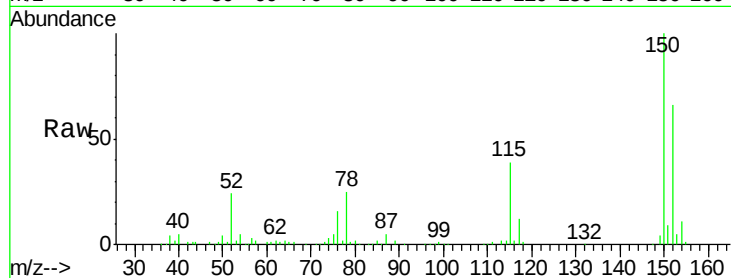


#1

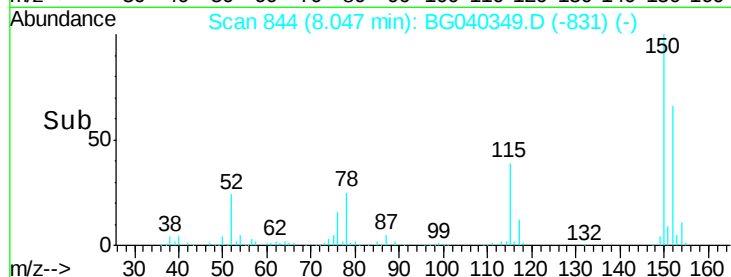
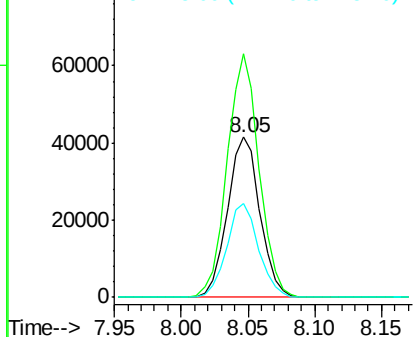
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040349.D
Acq: 4 Apr 2019 7:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 70303
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 58.7 46.9 70.3



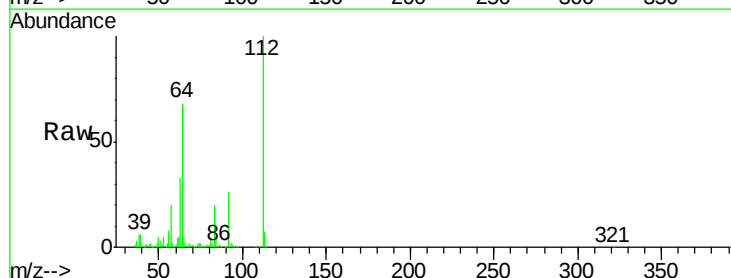
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



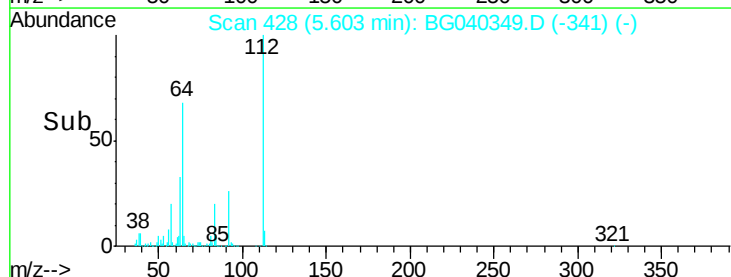
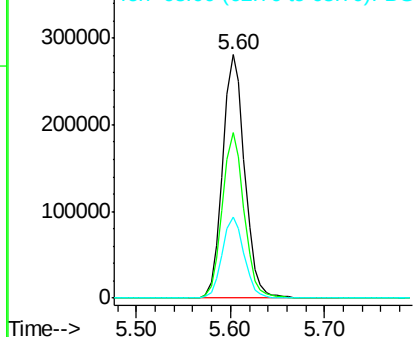
#5

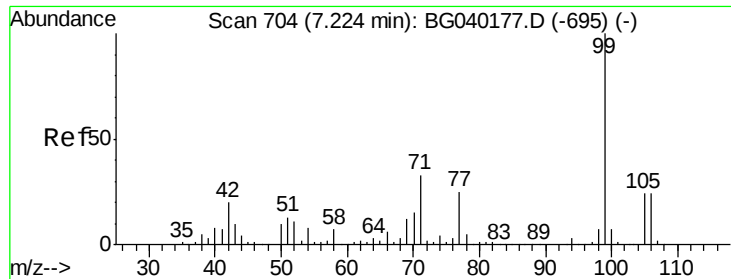
2-Fluorophenol
Concen: 108.675 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040349.D
Acq: 4 Apr 2019 7:15

Tgt Ion:112 Resp: 459585
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.2
63 33.1 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: 108.336 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040349.D

Acq: 4 Apr 2019 7:15

Instrument :

BNA_G

ClientSampled :

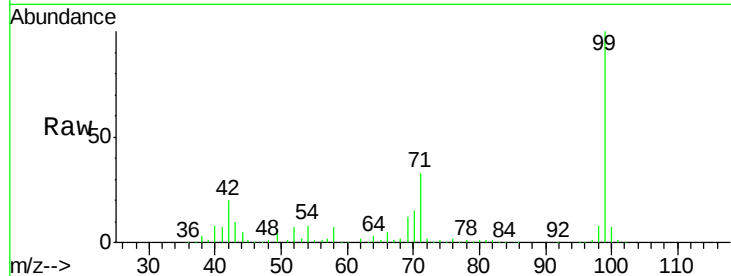
Tot Ion: 99 Resp: 633173

Ion Ratio Lower Upper

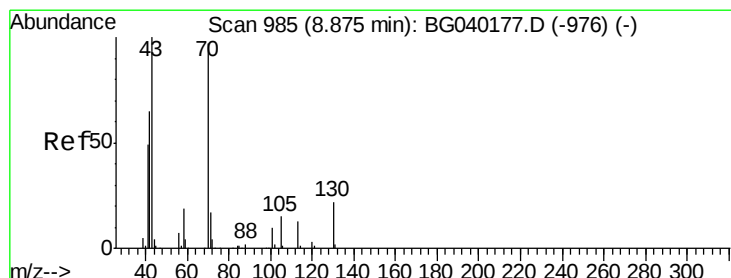
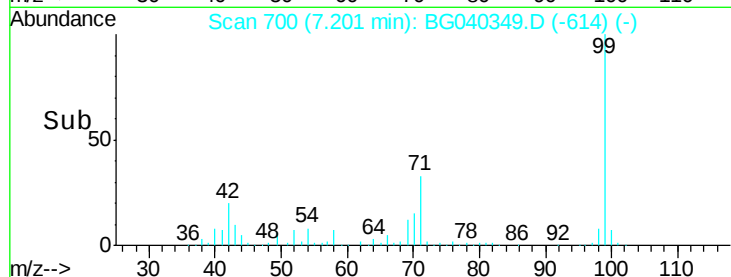
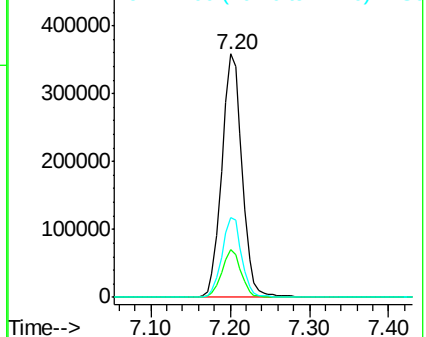
99 100

42 19.7 16.2 24.2

71 33.0 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: 11.368 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040349.D

Acq: 4 Apr 2019 7:15

Tgt Ion: 70 Resp: 47638

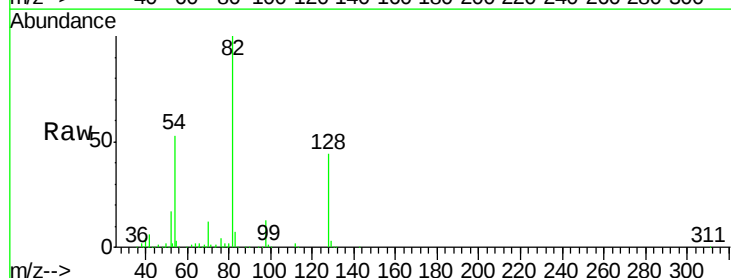
Ion Ratio Lower Upper

70 100

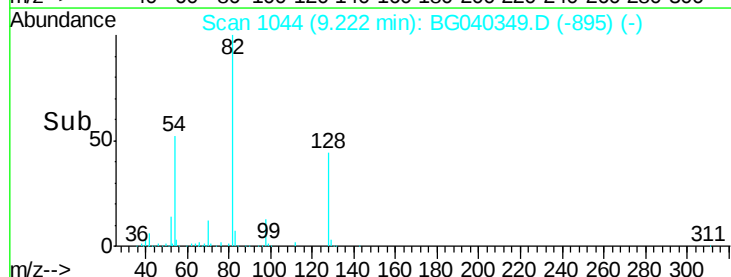
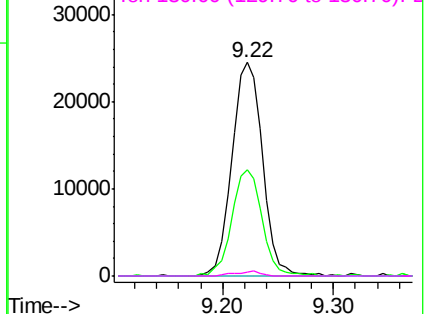
42 49.8 54.0 81.0#

101 0.0 8.6 13.0#

130 2.0 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

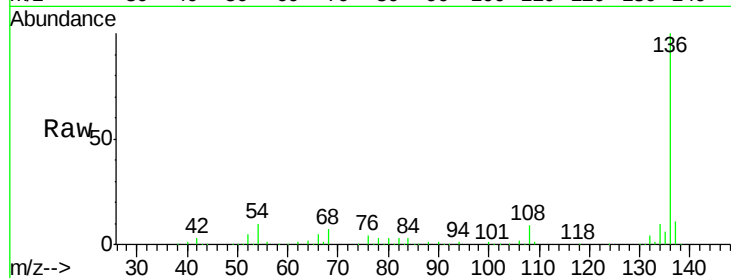




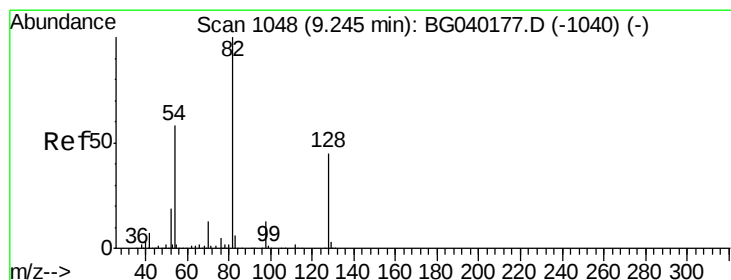
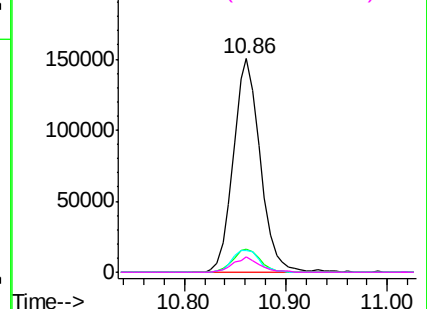
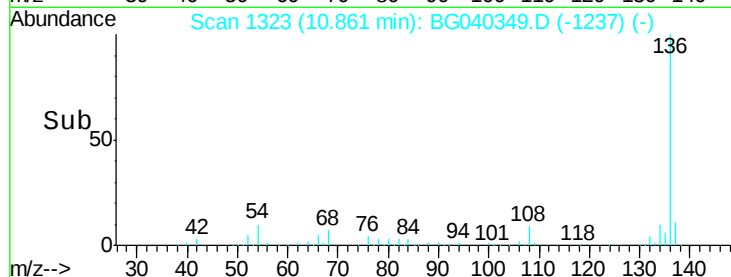
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040349.D
Acq: 4 Apr 2019 7:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	276797
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	10.0	9.6 14.4
68	7.2	5.1 7.7

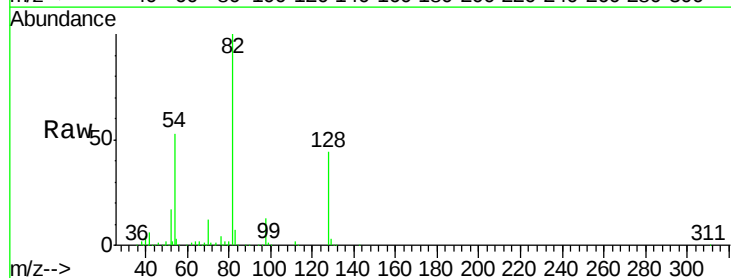


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

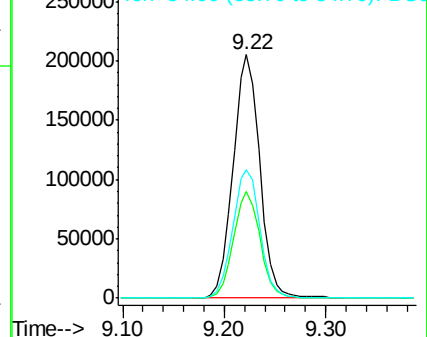
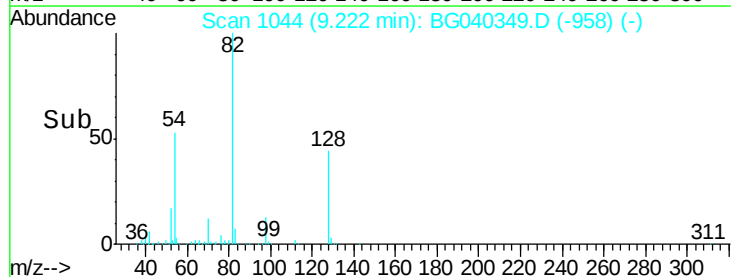


#23
Nitrobenzene-d5
Concen: 71.951 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040349.D
Acq: 4 Apr 2019 7:15

Tgt Ion: 82	Resp:	374684
Ion Ratio	Lower	Upper
82	100	
128	43.7	35.8 53.8
54	52.8	46.2 69.2



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

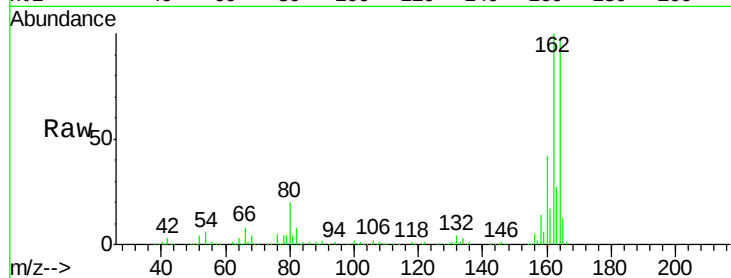




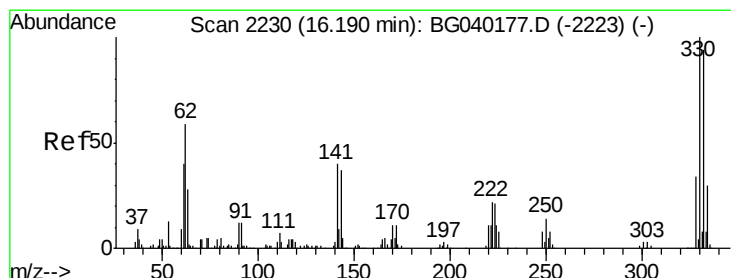
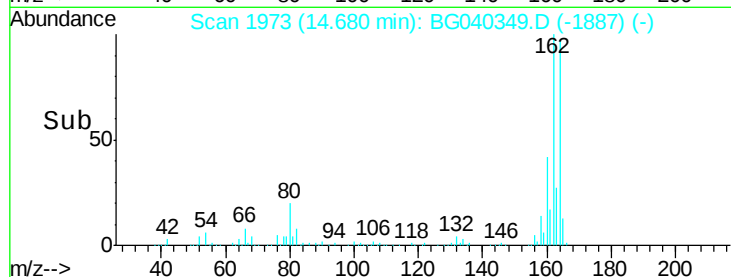
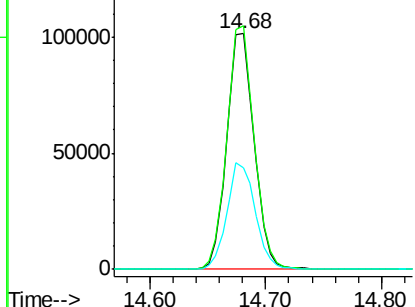
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040349.D
Acq: 4 Apr 2019 7:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 167421
Ion Ratio Lower Upper
164 100
162 103.3 77.4 116.2
160 43.3 35.3 52.9

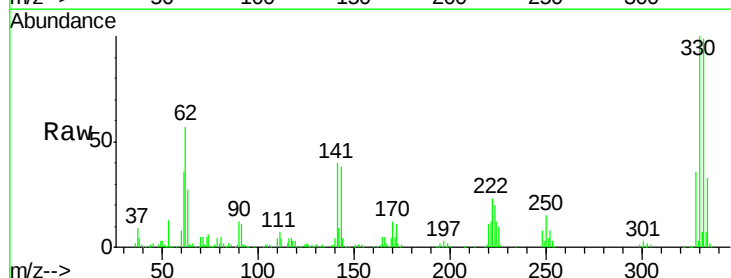


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

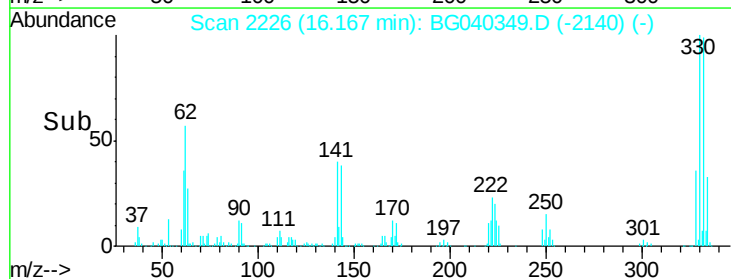
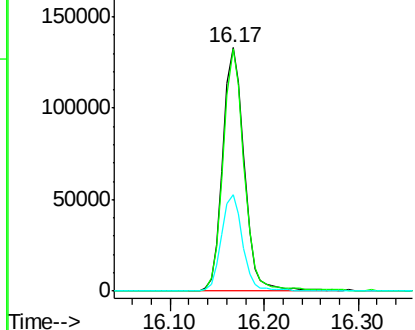


#42
2,4,6-Tribromophenol
Concen: 117.894 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040349.D
Acq: 4 Apr 2019 7:15

Tgt Ion:330 Resp: 213315
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 39.1 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

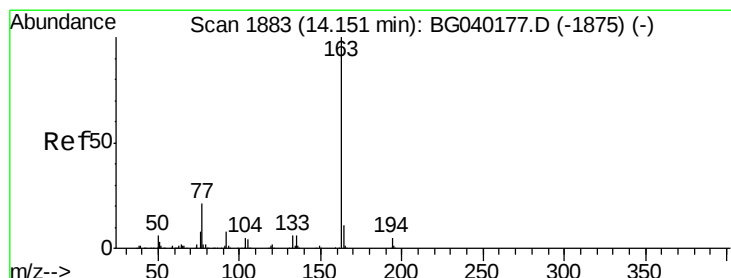
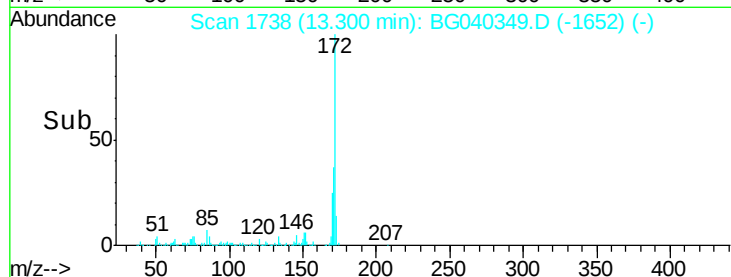
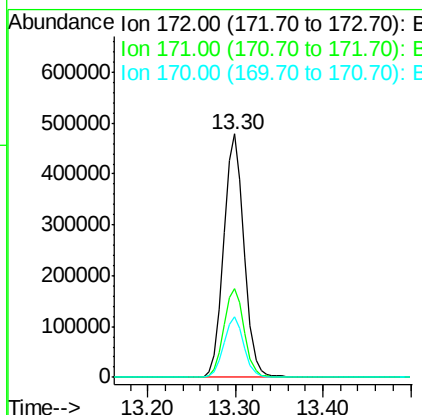
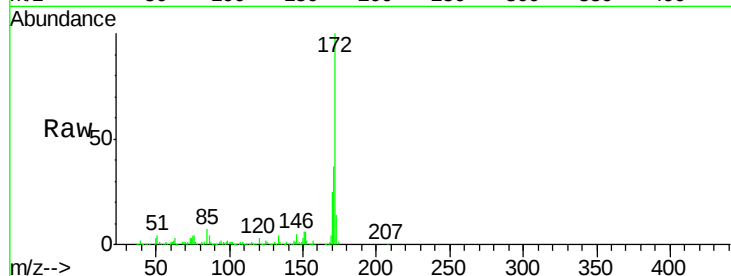




#45
2-Fluorobiphenyl
Concen: 68.223 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040349.D
Acq: 4 Apr 2019 7:15

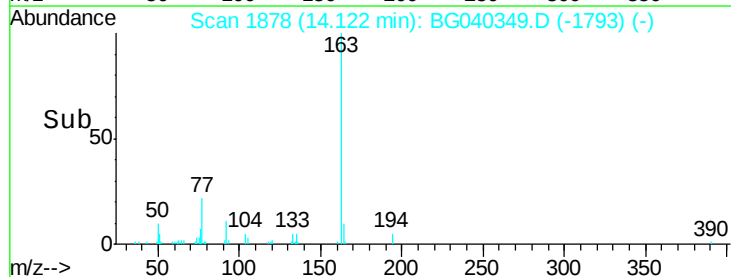
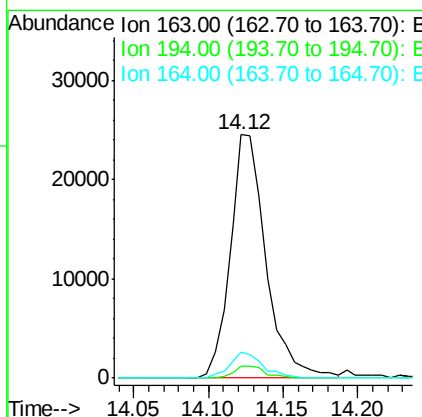
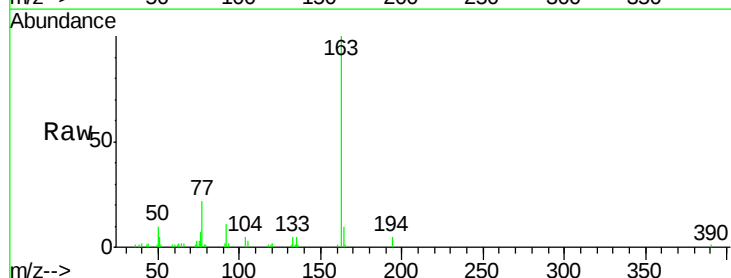
Instrument :
BNA_G
ClientSampleId :

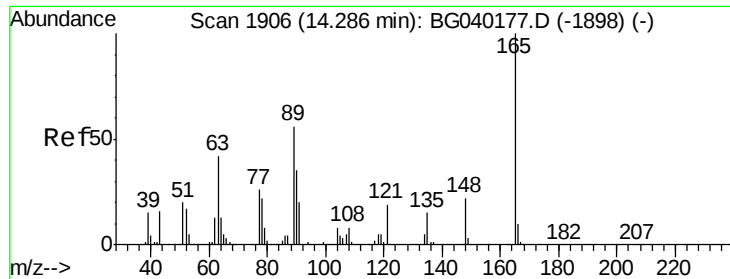
Tot Ion:172 Resp: 770838
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 24.7 20.1 30.1



#50
Dimethylphthalate
Concen: 3.121 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040349.D
Acq: 4 Apr 2019 7:15

Tgt Ion:163 Resp: 40900
Ion Ratio Lower Upper
163 100
194 5.1 4.1 6.1
164 10.4 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 7.327 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.39 min

Lab File: BG040349.D

Acq: 4 Apr 2019 7:15

Instrument :

BNA_G

ClientSampleId :

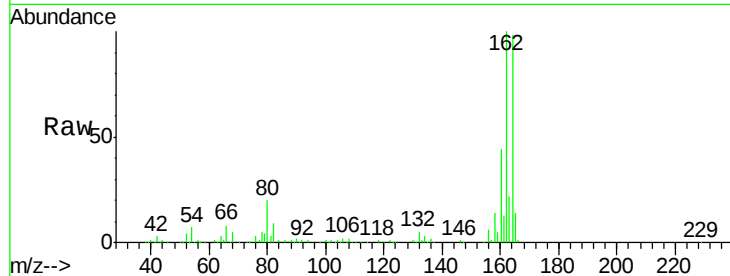
Tot Ion:165 Resp: 21557

Ion Ratio Lower Upper

165 100

63 1.2 44.1 66.1#

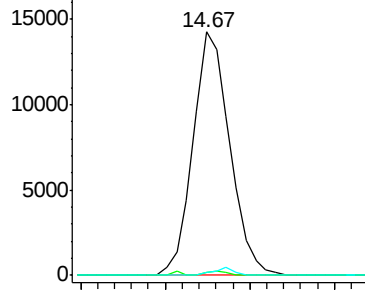
89 1.3 44.9 67.3#



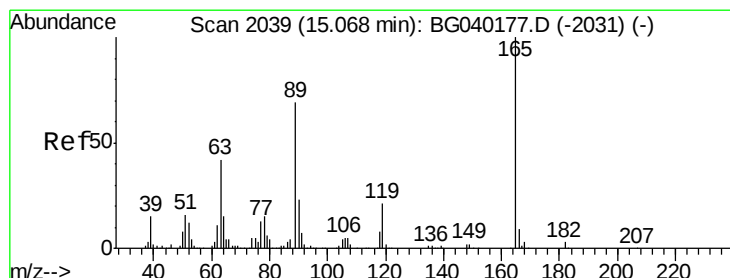
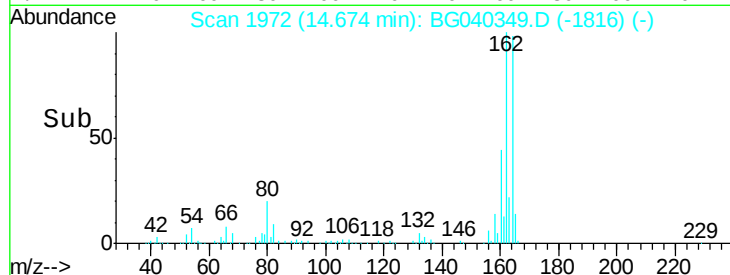
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



Time--> 14.60 14.65 14.70 14.75



#57

2,4-Dinitrotoluene

Concen: 5.273 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040349.D

Acq: 4 Apr 2019 7:15

Tgt Ion:165 Resp: 21557

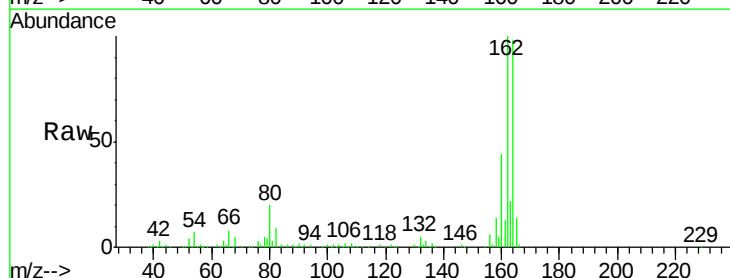
Ion Ratio Lower Upper

165 100

63 1.2 33.8 50.6#

89 1.3 55.4 83.2#

182 0.0 2.2 3.4#

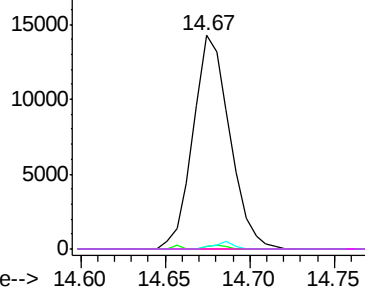


Abundance Ion 165.00 (164.70 to 165.70): E

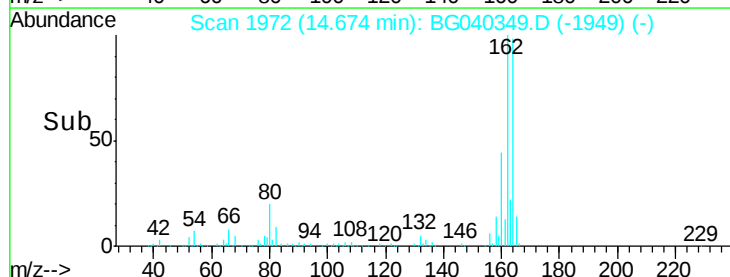
Ion 63.00 (62.70 to 63.70): BGC

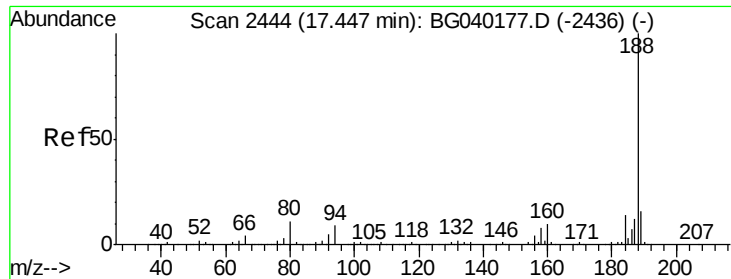
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time--> 14.60 14.65 14.70 14.75





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040349.D

Acq: 4 Apr 2019 7:15

Instrument :

BNA_G

ClientSampleId :

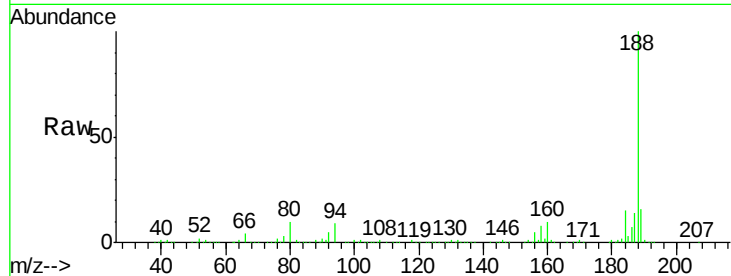
Tot Ion:188 Resp: 398415

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

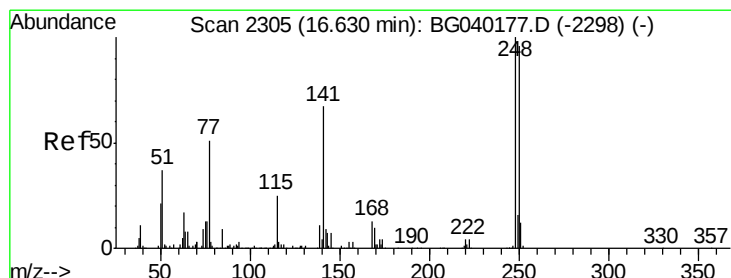
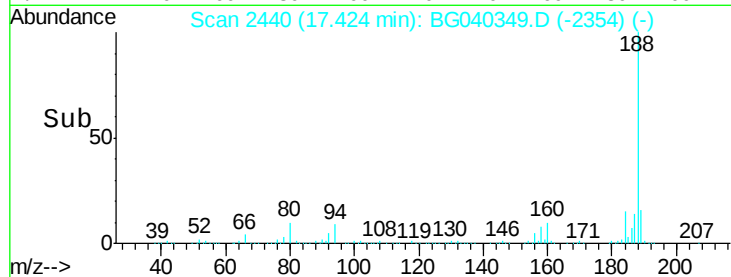
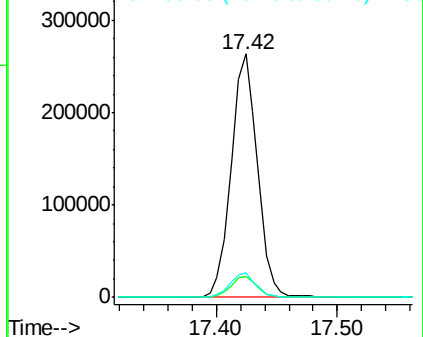
80 10.0 8.6 13.0



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: 3.710 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG040349.D

Acq: 4 Apr 2019 7:15

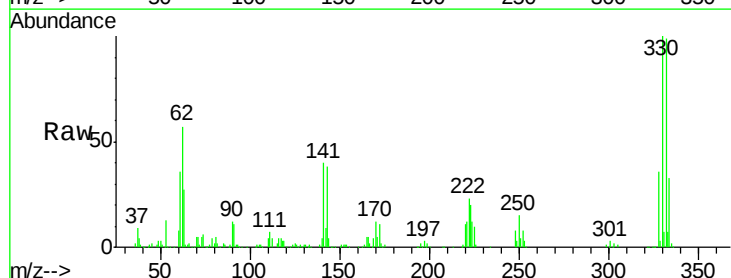
Tgt Ion:248 Resp: 16636

Ion Ratio Lower Upper

248 100

250 192.7 76.4 114.6#

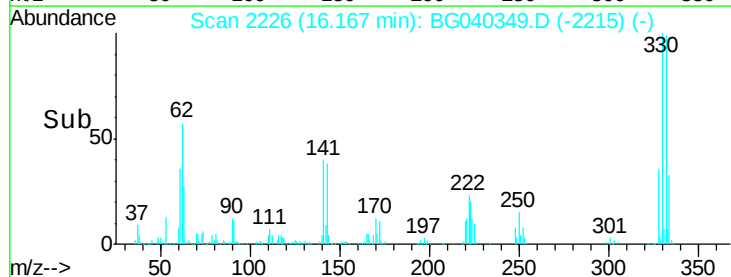
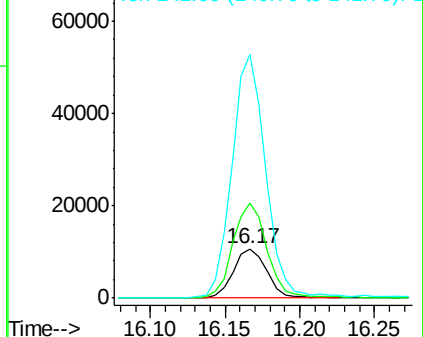
141 495.9 53.8 80.8#

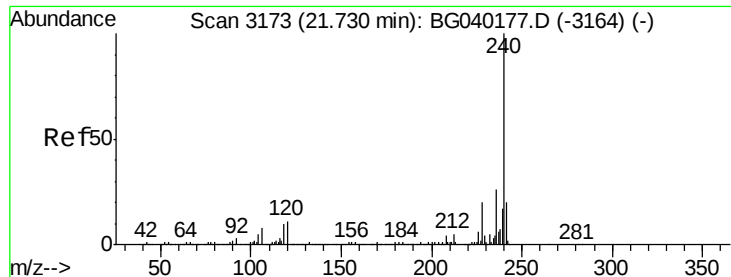


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040349.D

Acq: 4 Apr 2019 7:15

Instrument :

BNA_G

ClientSampleId :

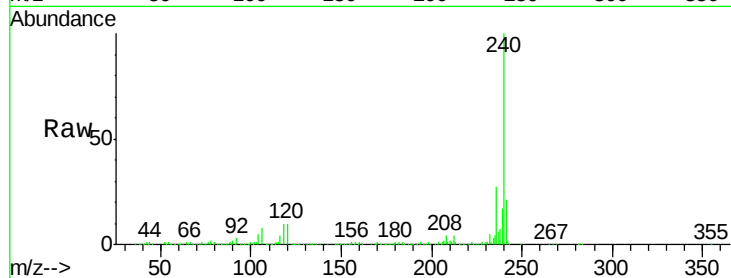
Tot Ion:240 Resp: 437987

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

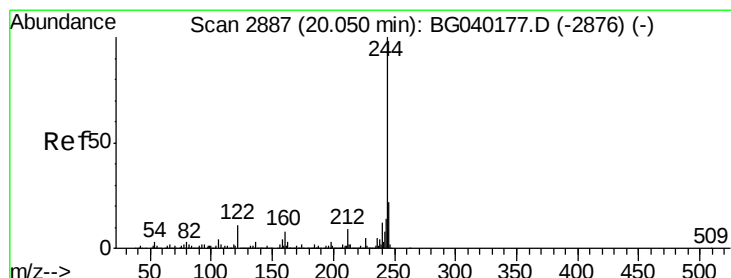
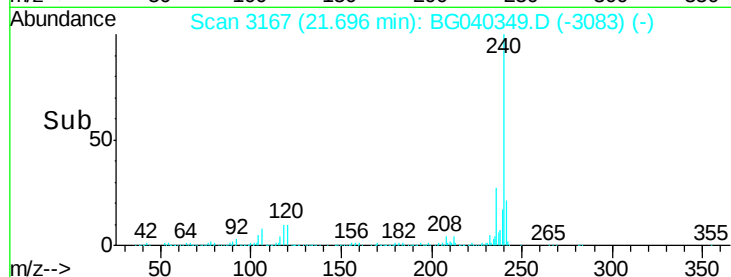
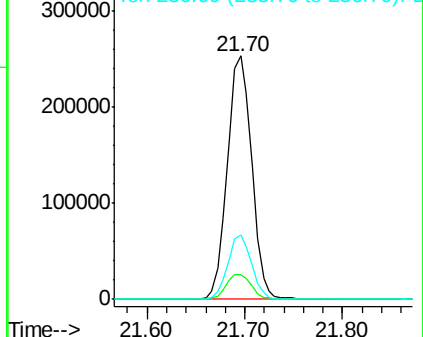
236 26.7 20.8 31.2



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: 58.024 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040349.D

Acq: 4 Apr 2019 7:15

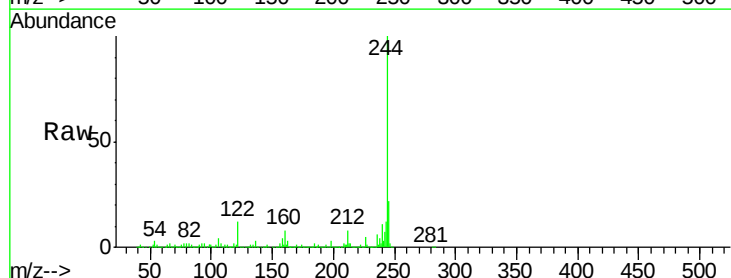
Tgt Ion:244 Resp: 1129667

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

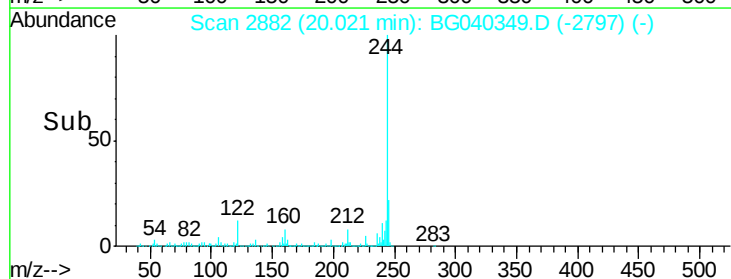
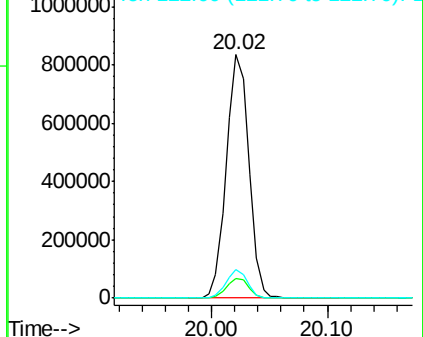
122 11.7 8.5 12.7

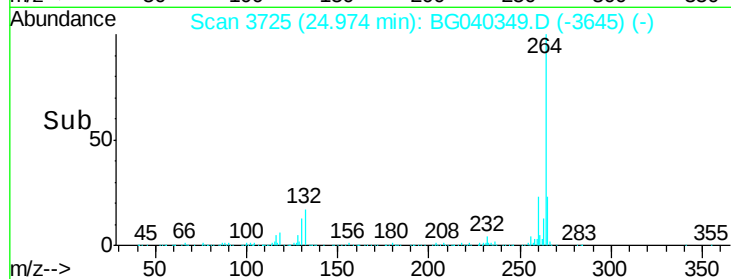
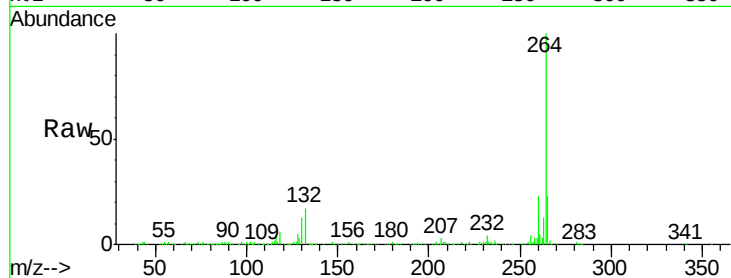
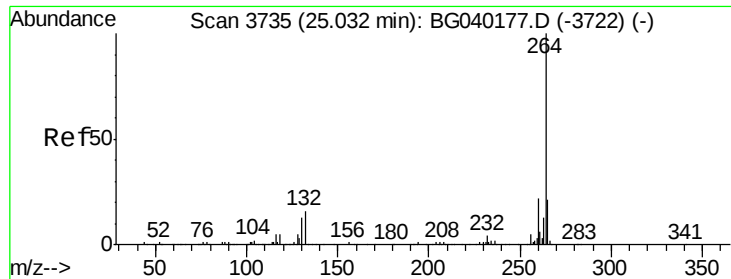


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.97 min Scan# 3725
 Delta R.T. -0.06 min
 Lab File: BG040349.D
 Acq: 4 Apr 2019 7:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	22.7	16.8	25.2

