

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040356.D
 Acq On : 4 Apr 2019 11:55
 Operator : JU/SJ
 Sample : K2210-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 13:33:20 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

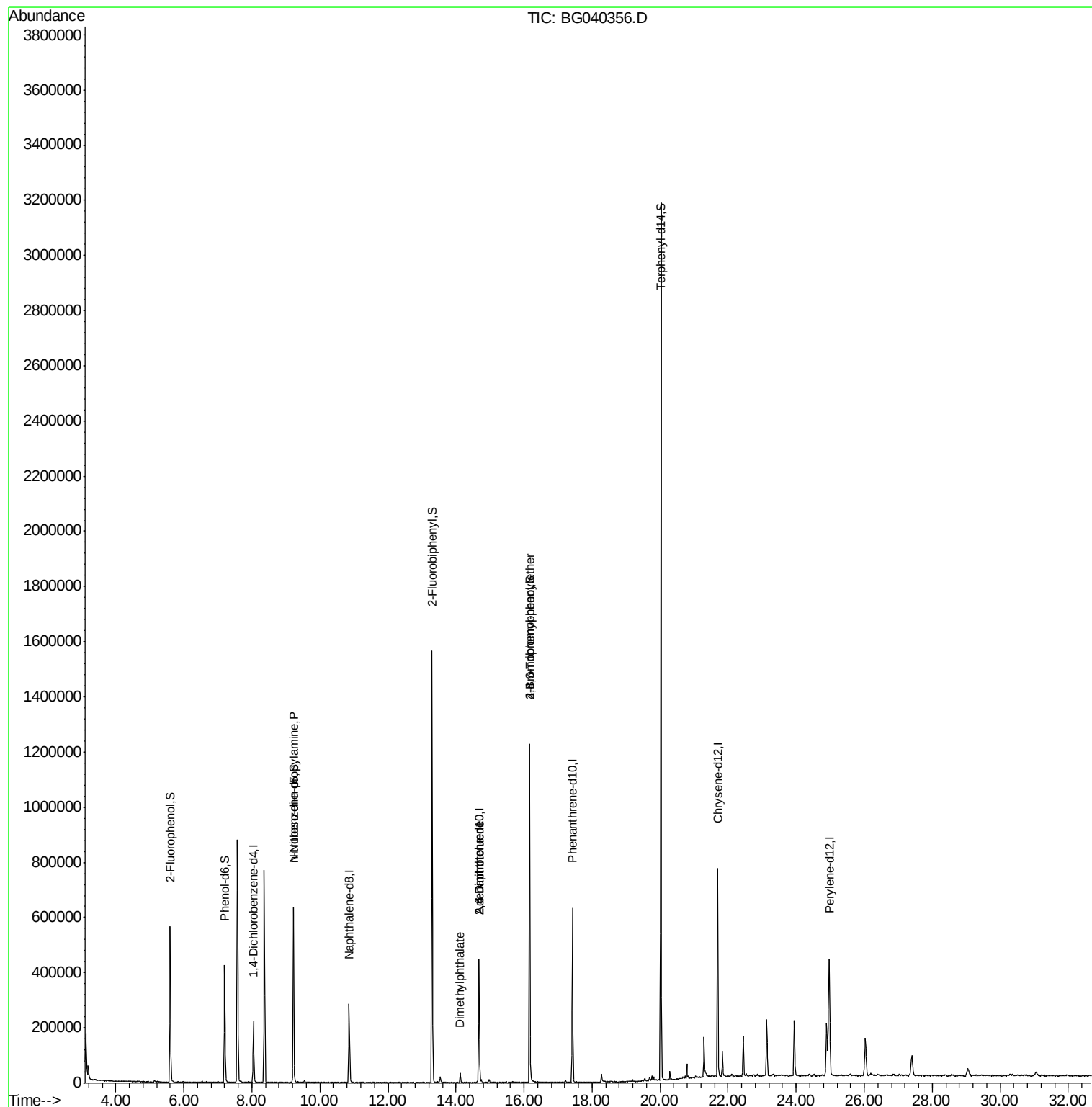
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	65092	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	259274	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	159421	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	396340	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	457515	20.00	ng	-0.04
87) Perylene-d12	24.97	264	469131	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	261388	66.76	ng	-0.01
7) Phenol-d6	7.20	99	274554	50.74	ng	-0.03
23) Nitrobenzene-d5	9.22	82	394123	80.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	228189	132.44	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	882555	82.03	ng	-0.03
79) Terphenyl-d14	20.02	244	1476285	72.59	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	51164	13.187	ng	# 70
50) Dimethylphthalate	14.12	163	26029	2.086	ng	# 97
51) 2,6-Dinitrotoluene	14.68	165	20250	7.228	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	20250	5.202	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	17225	3.862	ng	# 1

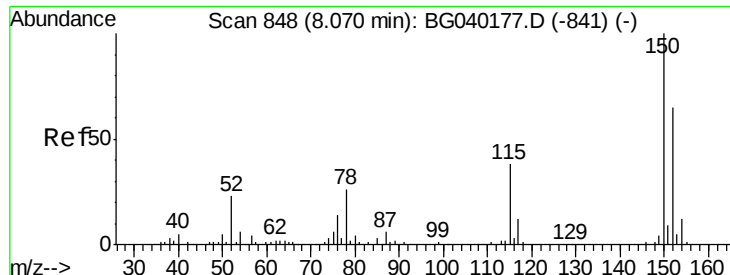
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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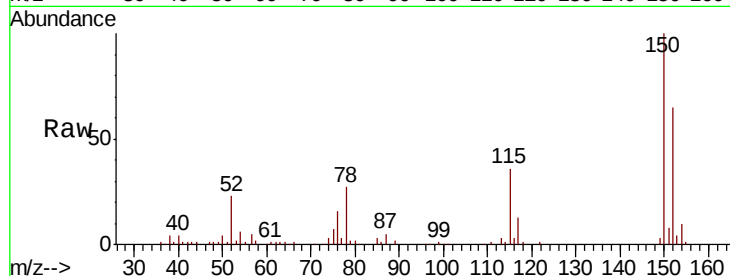


#1

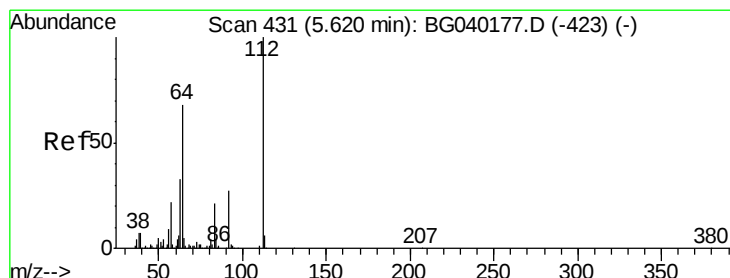
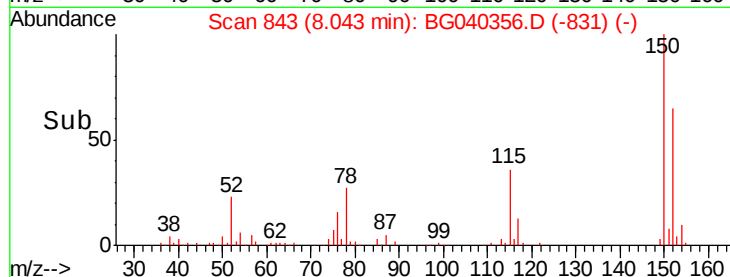
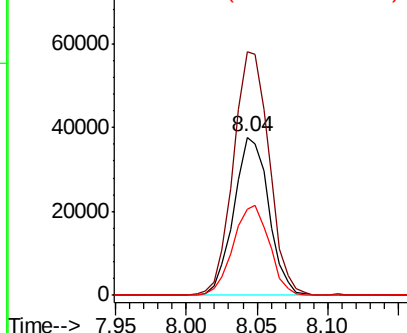
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040356.D
Acq: 4 Apr 2019 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65092
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 54.7 46.9 70.3



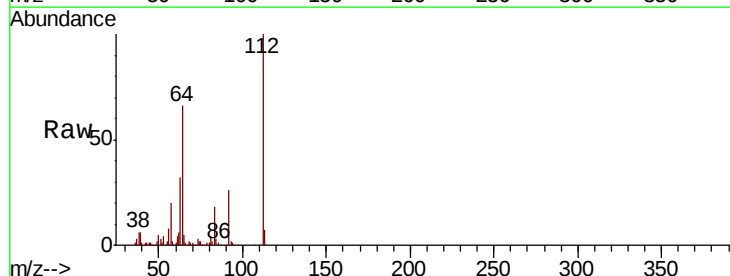
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



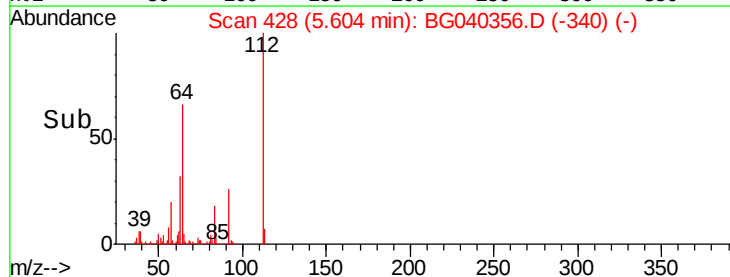
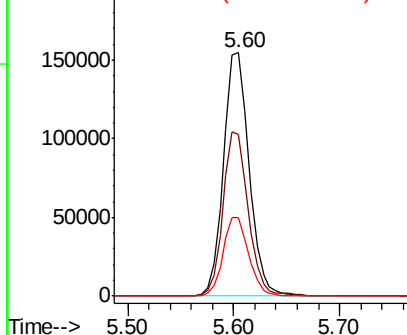
#5

2-Fluorophenol
Concen: 66.757 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040356.D
Acq: 4 Apr 2019 11:55

Tgt Ion:112 Resp: 261388
Ion Ratio Lower Upper
112 100
64 66.4 54.2 81.2
63 32.0 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: 50.737 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040356.D

Acq: 4 Apr 2019 11:55

Instrument :

BNA_G

ClientSampleId :

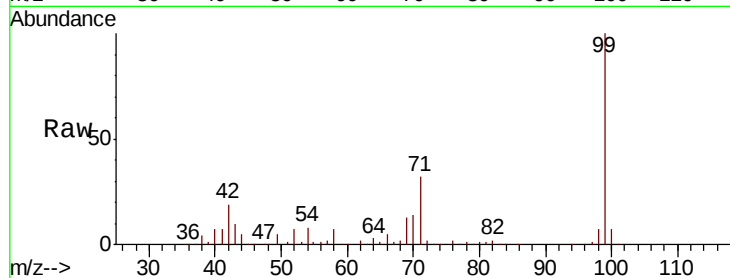
Tot Ion: 99 Resp: 274554

Ion Ratio Lower Upper

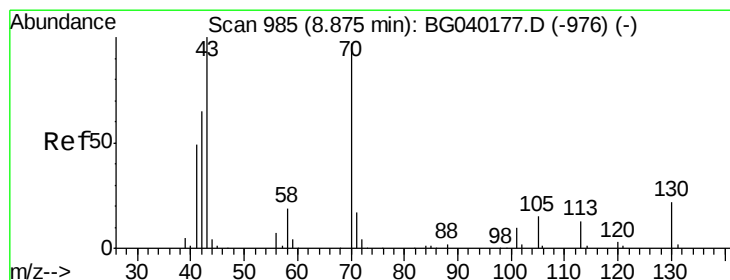
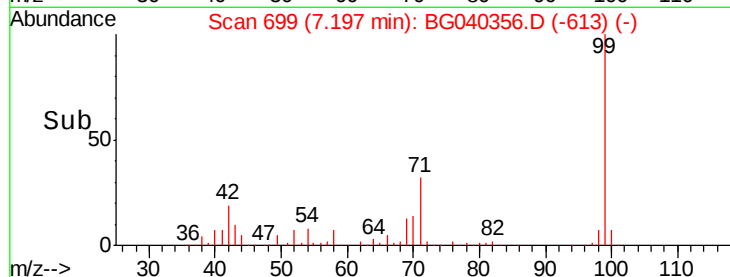
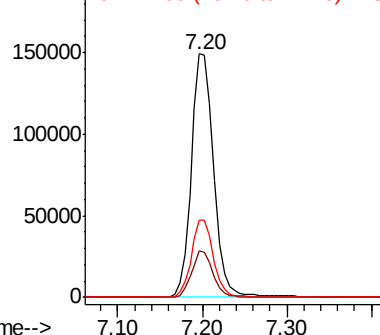
99 100

42 19.3 16.2 24.2

71 31.5 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: 13.187 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040356.D

Acq: 4 Apr 2019 11:55

Tgt Ion: 70 Resp: 51164

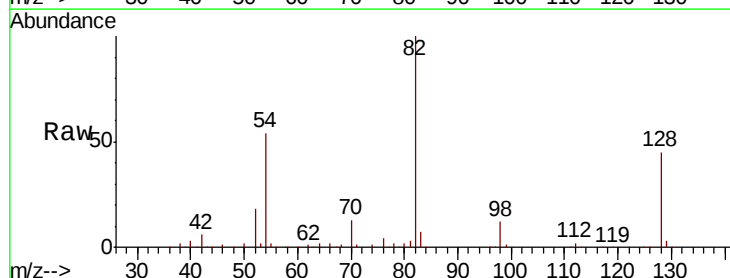
Ion Ratio Lower Upper

70 100

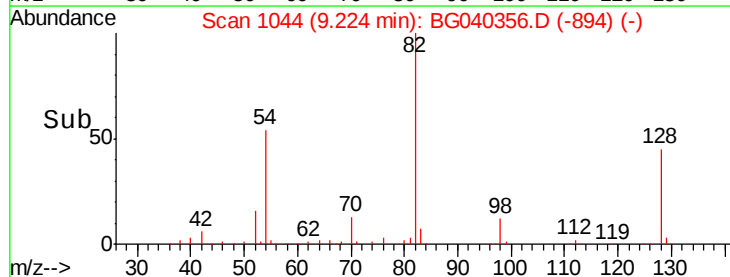
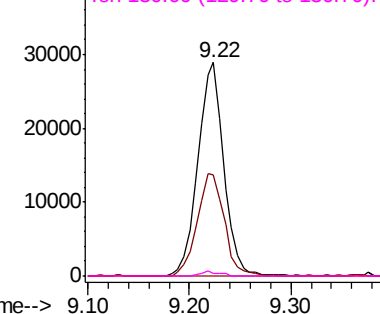
42 47.4 54.0 81.0#

101 0.0 8.6 13.0#

130 1.5 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

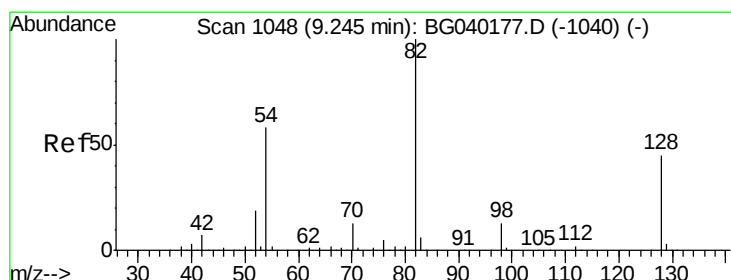
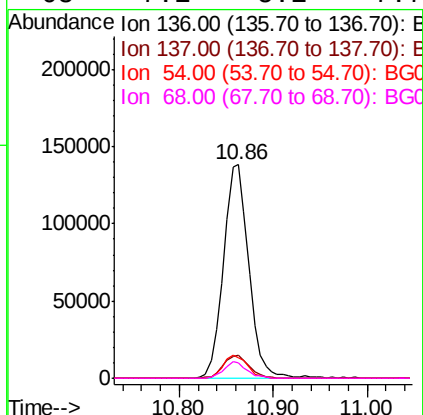
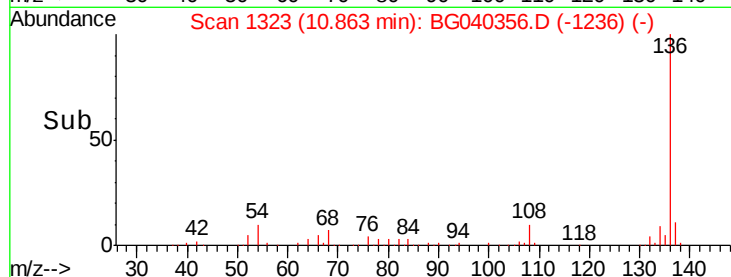
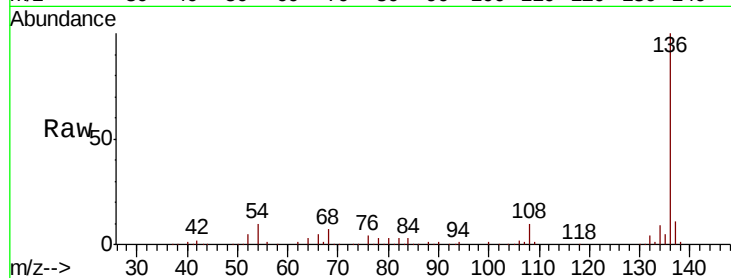




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040356.D
Acq: 4 Apr 2019 11:55

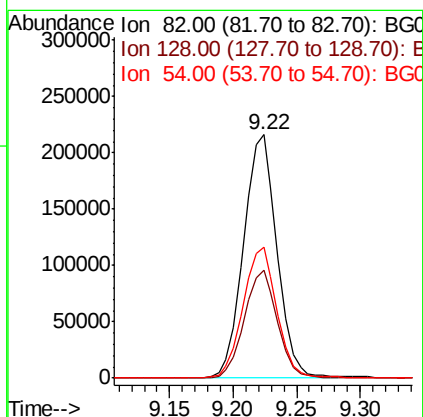
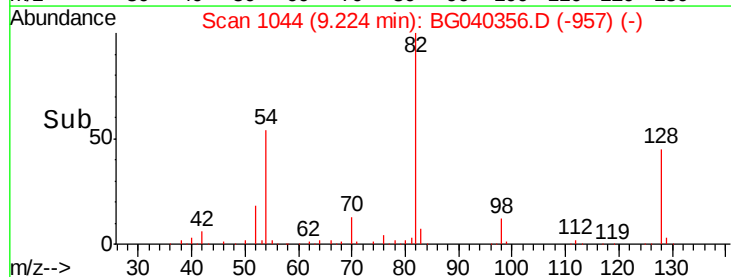
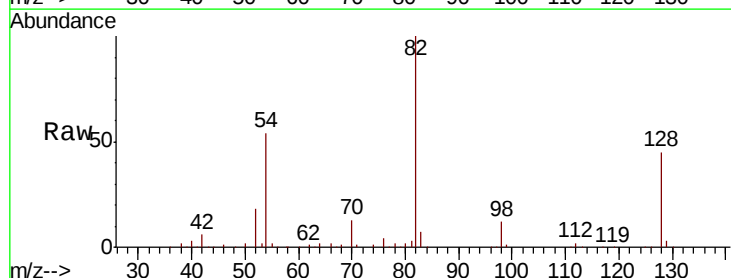
Instrument :
BNA_G
ClientSampleId :

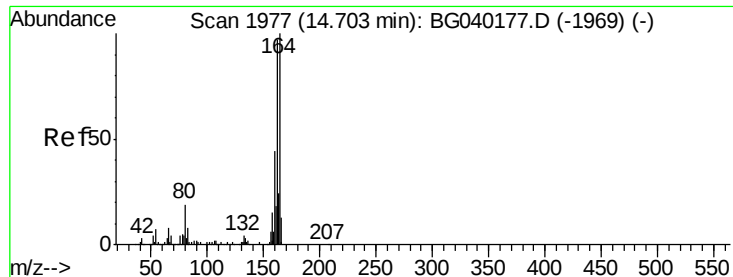
Tot Ion:	136	Resp:	259274
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.6	9.6	14.4
68	7.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 80.799 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040356.D
Acq: 4 Apr 2019 11:55

Tgt Ion:	82	Resp:	394123
Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.8	53.8
54	53.9	46.2	69.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040356.D

Acq: 4 Apr 2019 11:55

Instrument :

BNA_G

ClientSampleId :

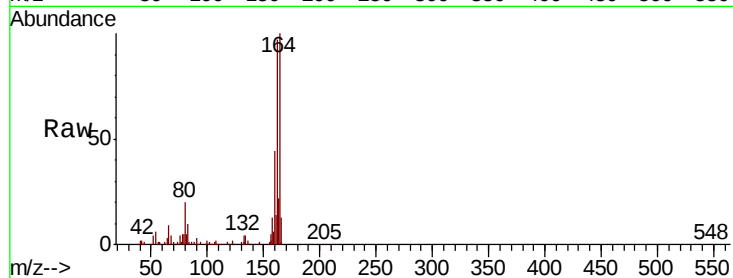
Tot Ion:164 Resp: 159421

Ion Ratio Lower Upper

164 100

162 97.4 77.4 116.2

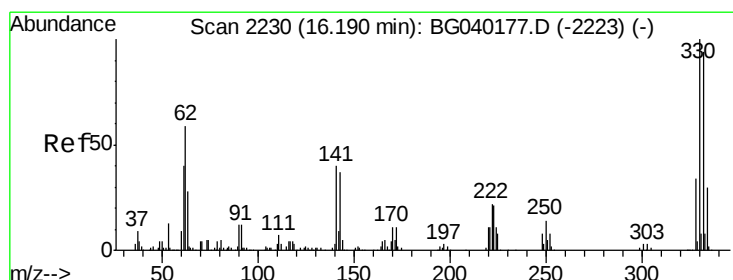
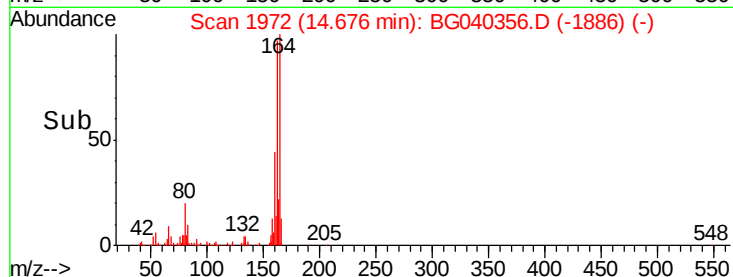
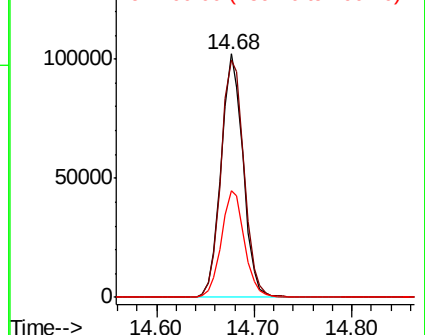
160 43.7 35.3 52.9



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: 132.443 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040356.D

Acq: 4 Apr 2019 11:55

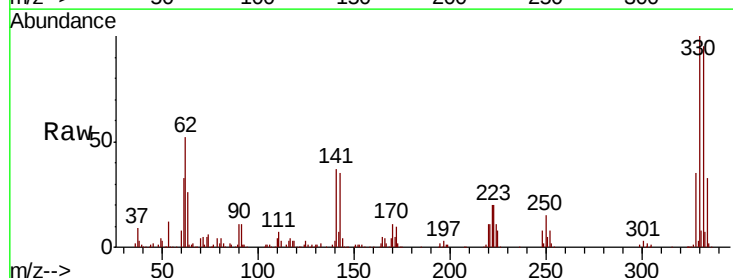
Tgt Ion:330 Resp: 228189

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

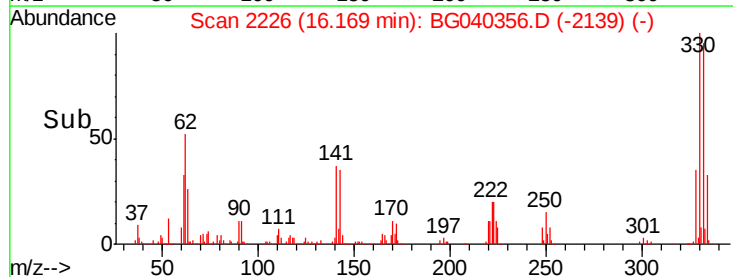
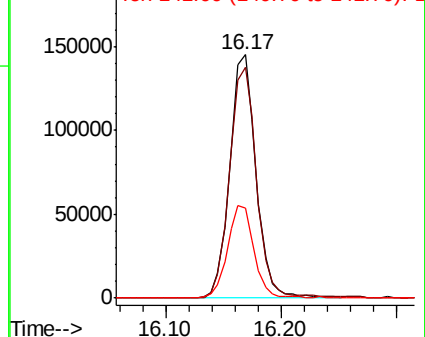
141 38.2 32.6 48.8



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

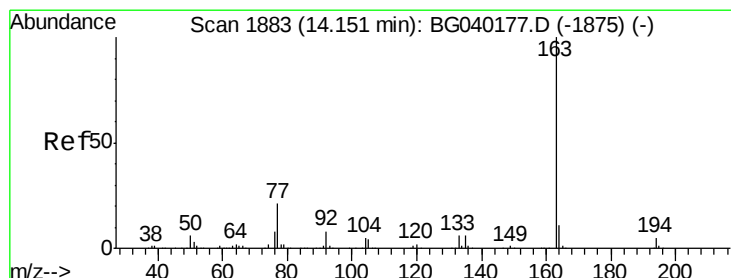
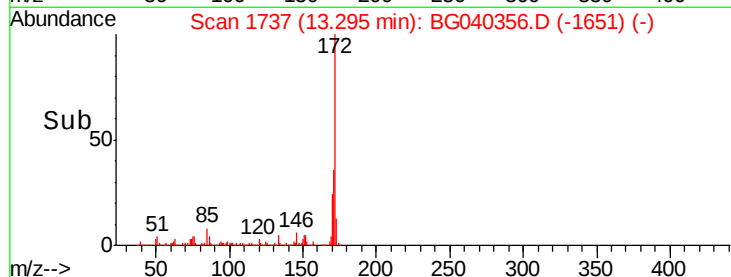
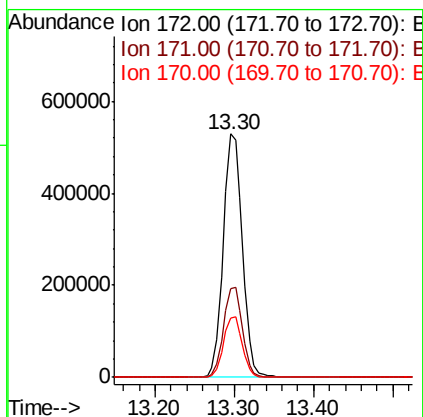
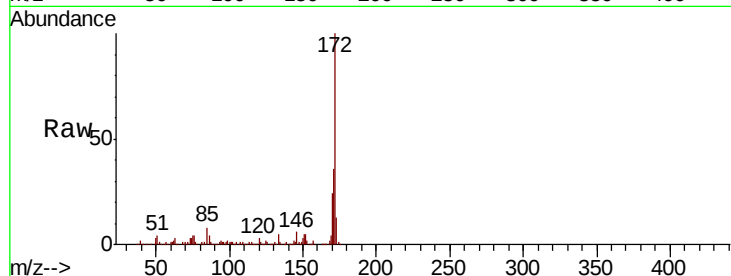




#45
2-Fluorobiphenyl
Concen: 82.030 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040356.D
Acq: 4 Apr 2019 11:55

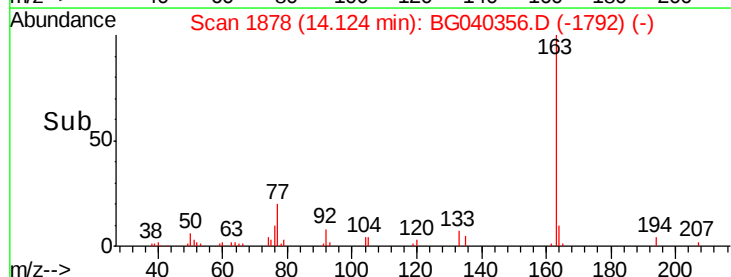
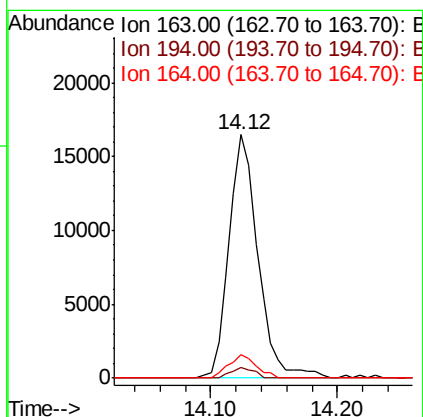
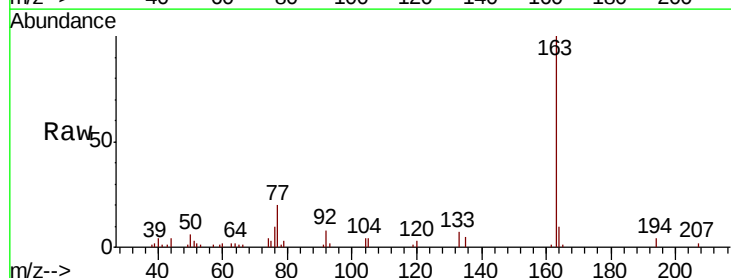
Instrument :
BNA_G
ClientSampleId :

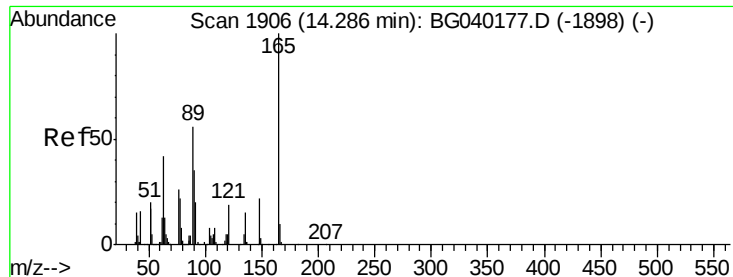
Tot Ion:172 Resp: 882555
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 24.5 20.1 30.1



#50
Dimethylphthalate
Concen: 2.086 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040356.D
Acq: 4 Apr 2019 11:55

Tgt Ion:163 Resp: 26029
Ion Ratio Lower Upper
163 100
194 4.1 4.1 6.1
164 9.7 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 7.228 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.39 min

Lab File: BG040356.D

Acq: 4 Apr 2019 11:55

Instrument :

BNA_G

ClientSampleId :

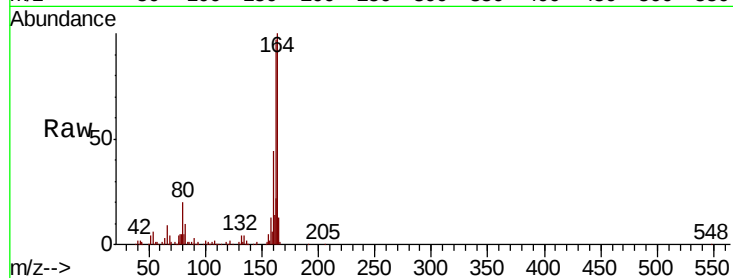
Tot Ion:165 Resp: 20250

Ion Ratio Lower Upper

165 100

63 1.8 44.1 66.1#

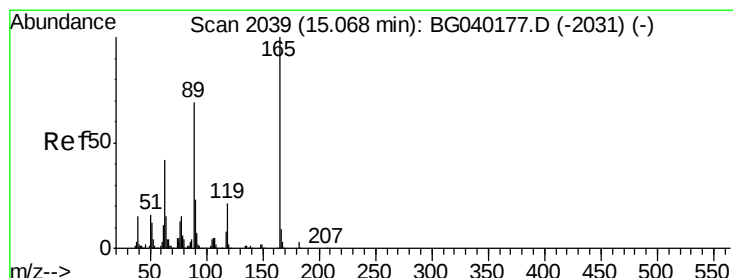
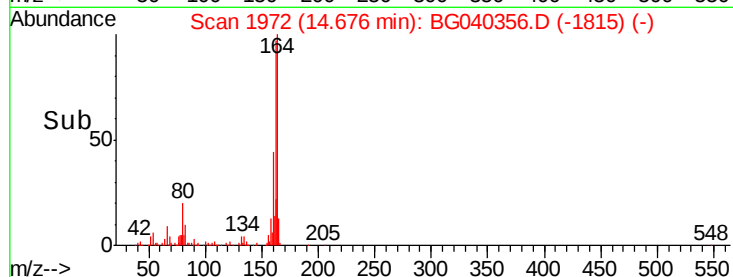
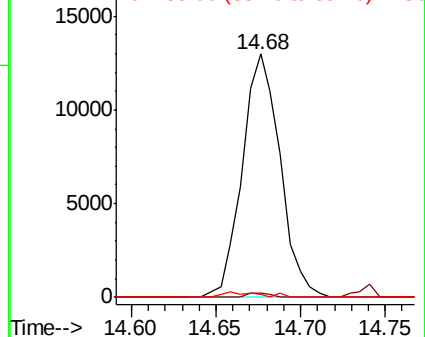
89 1.2 44.9 67.3#



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



#57

2,4-Dinitrotoluene

Concen: 5.202 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040356.D

Acq: 4 Apr 2019 11:55

Tgt Ion:165 Resp: 20250

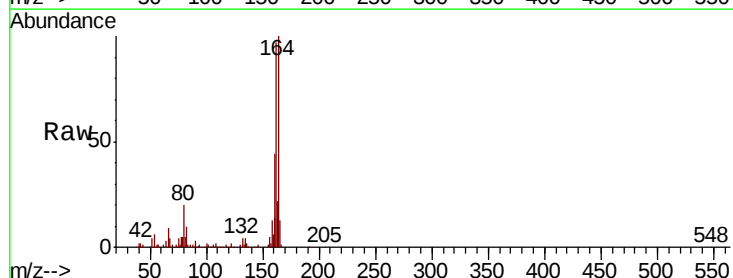
Ion Ratio Lower Upper

165 100

63 1.8 33.8 50.6#

89 1.2 55.4 83.2#

182 0.0 2.2 3.4#

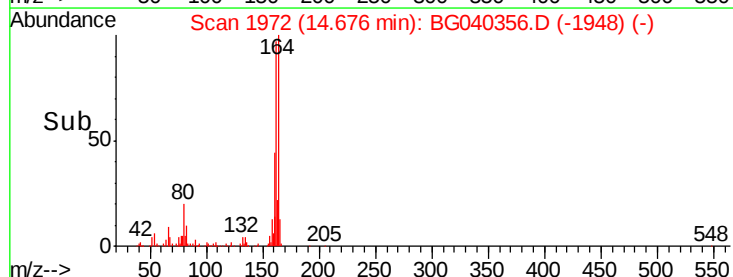
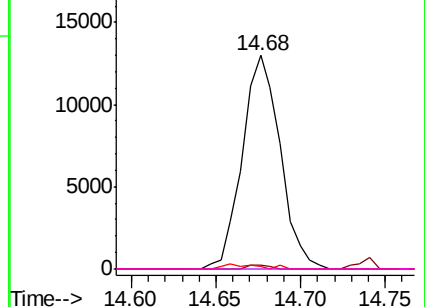


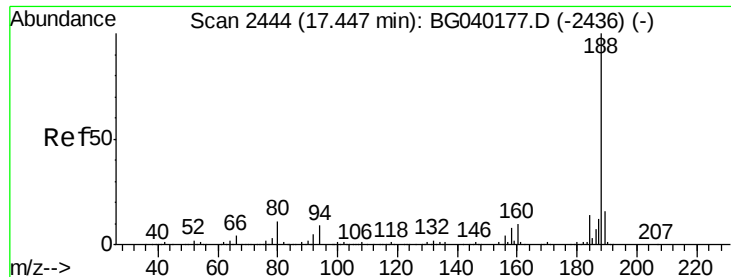
Abundance Ion 165.00 (164.70 to 165.70): E

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

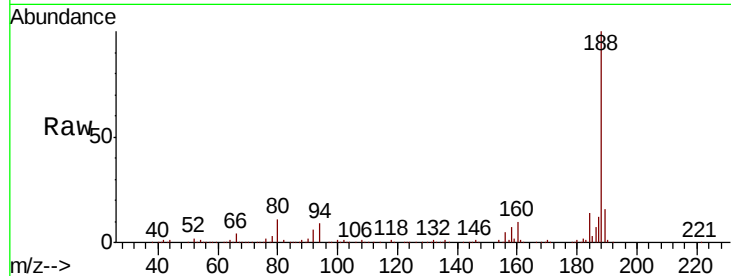




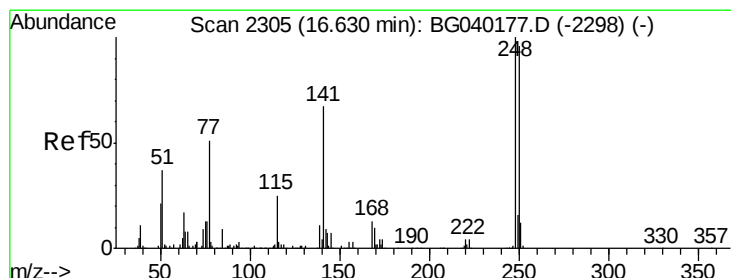
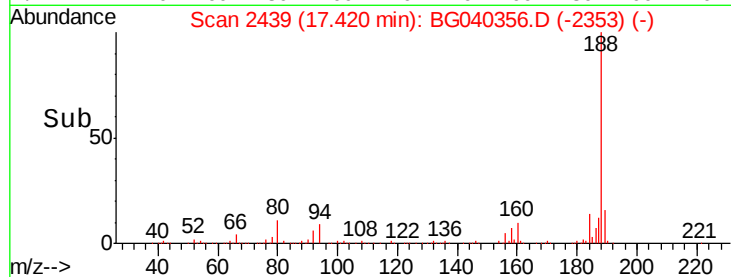
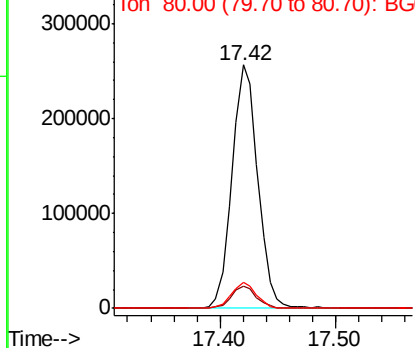
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040356.D
 Acq: 4 Apr 2019 11:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 396340
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.0 10.4
 80 10.6 8.6 13.0

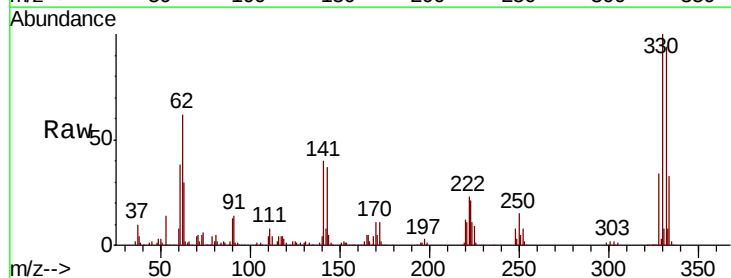


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

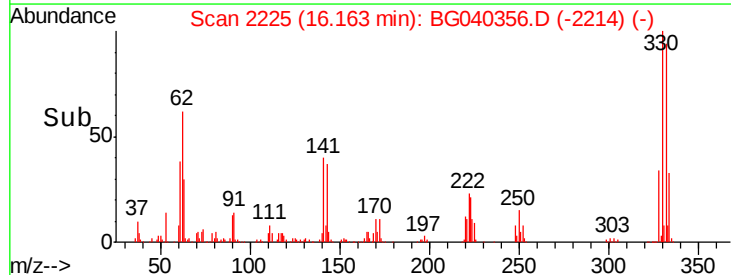
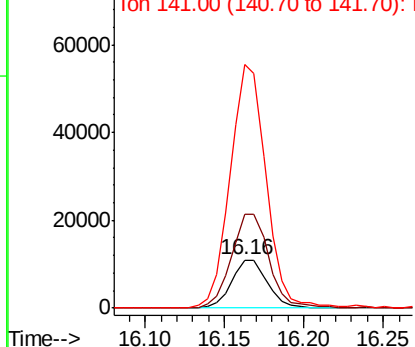


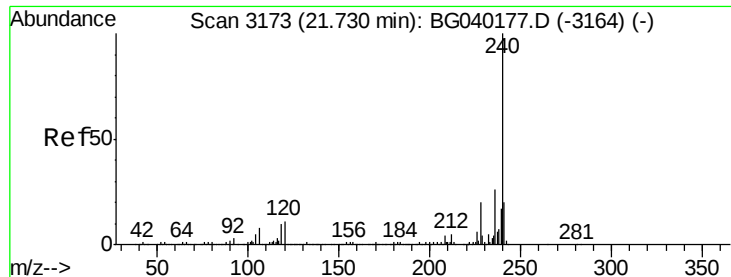
#67
 4-Bromophenyl-phenylether
 Concen: 3.862 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.47 min
 Lab File: BG040356.D
 Acq: 4 Apr 2019 11:55

Tgt Ion:248 Resp: 17225
 Ion Ratio Lower Upper
 248 100
 250 194.2 76.4 114.6#
 141 503.8 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: BG040356.D

Acq: 4 Apr 2019 11:55

Instrument :

BNA_G

ClientSampleId :

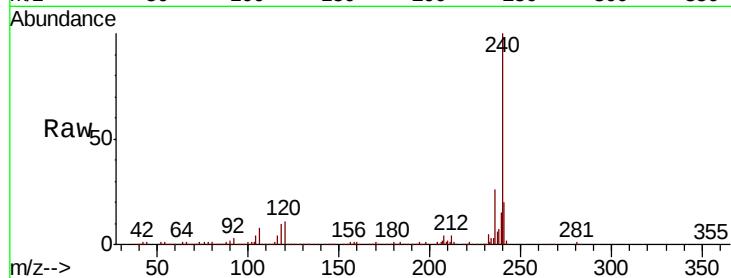
Tot Ion:240 Resp: 457515

Ion Ratio Lower Upper

240 100

120 11.2 8.4 12.6

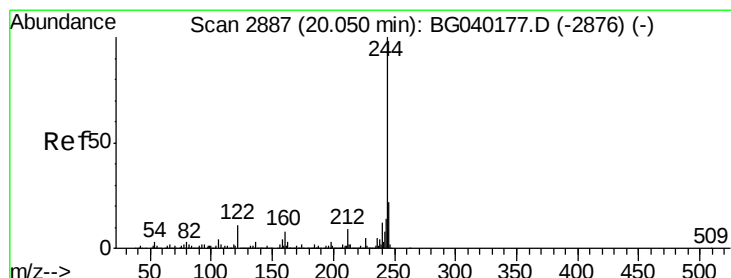
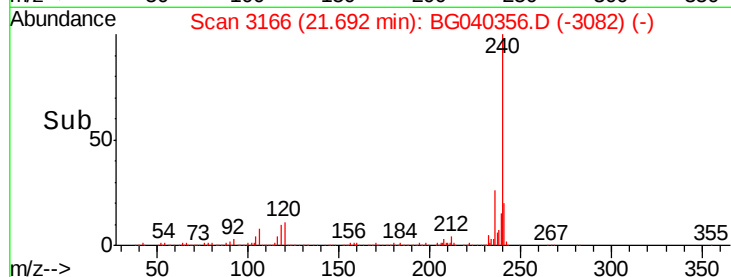
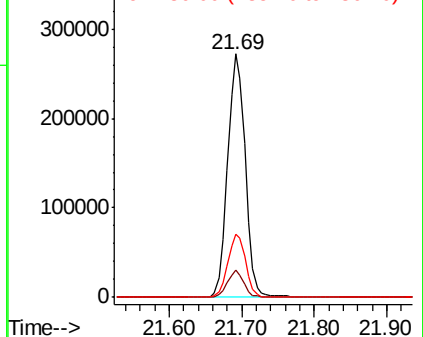
236 25.9 20.8 31.2



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: 72.591 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040356.D

Acq: 4 Apr 2019 11:55

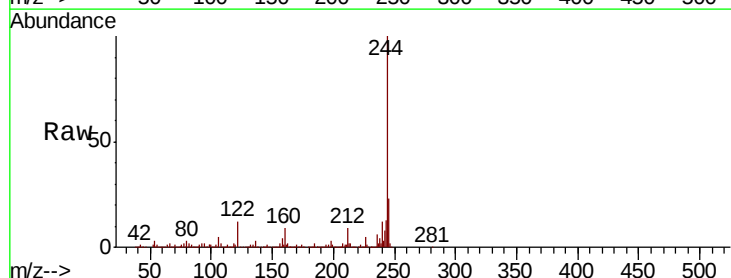
Tgt Ion:244 Resp: 1476285

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

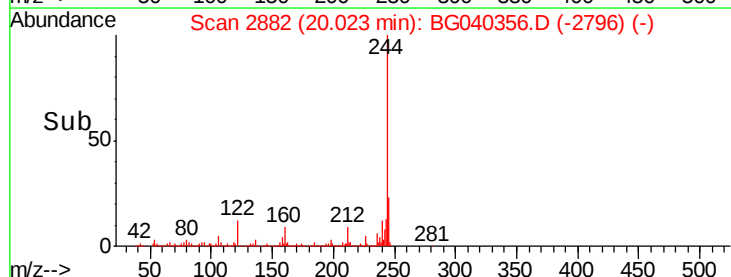
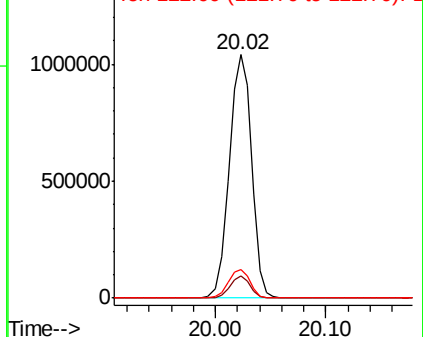
122 12.0 8.5 12.7

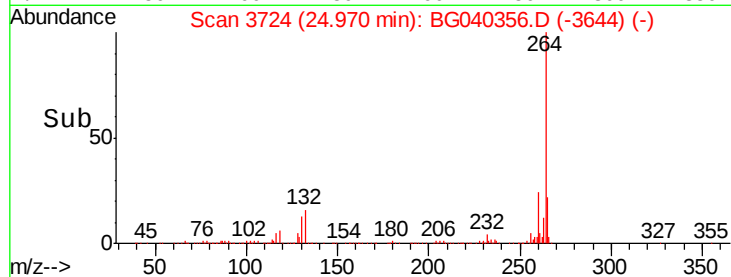
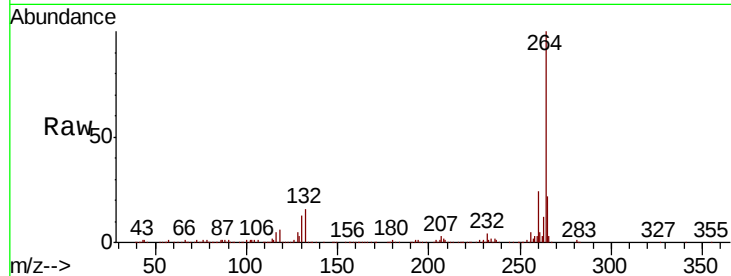
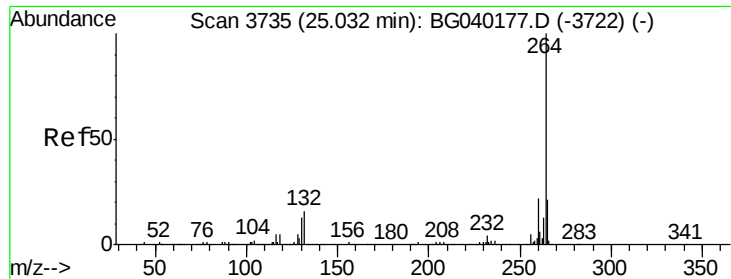


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3724
Delta R.T. -0.06 min
Lab File: BG040356.D
Acq: 4 Apr 2019 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	21.7	16.8	25.2

