

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
 Data File : BG040373.D
 Acq On : 4 Apr 2019 23:59
 Operator : JU/SJ
 Sample : K2240-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 01:22:27 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

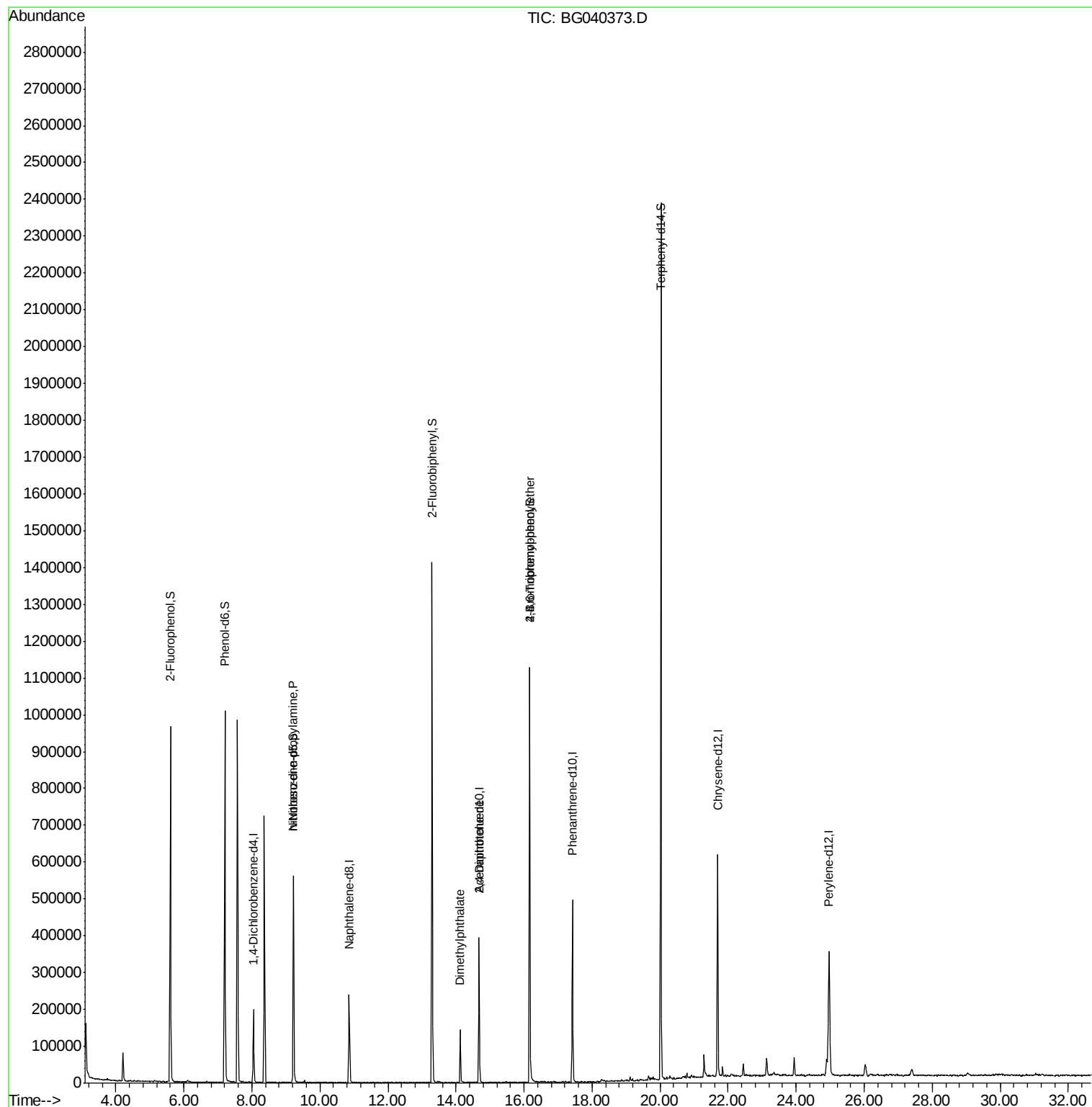
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	56129	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	223268	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	133967	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	324220	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	366291	20.00	ng	-0.04
87) Perylene-d12	24.97	264	372055	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	451952	133.86	ng	-0.01
7) Phenol-d6	7.20	99	612088	131.18	ng	-0.02
23) Nitrobenzene-d5	9.22	82	360802	85.90	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	209588	144.76	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	780202	86.30	ng	-0.03
79) Terphenyl-d14	20.02	244	1164665	71.53	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	44487	13.297	ng	# 73
50) Dimethylphthalate	14.12	163	111007	10.587	ng	# 98
57) 2,4-Dinitrotoluene	14.68	165	17279	5.282	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	16255	4.455	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040419\
Data File : BG040373.D
Acq On : 4 Apr 2019 23:59
Operator : JU/SJ
Sample : K2240-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 05 01:22:27 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



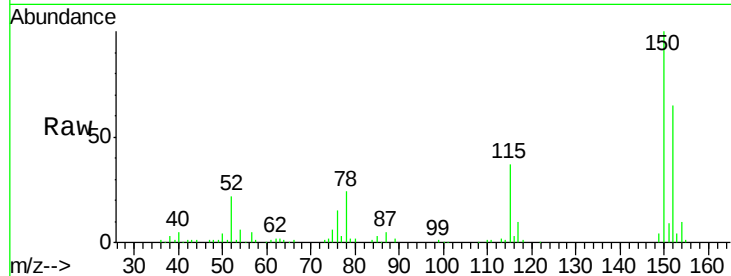


#1

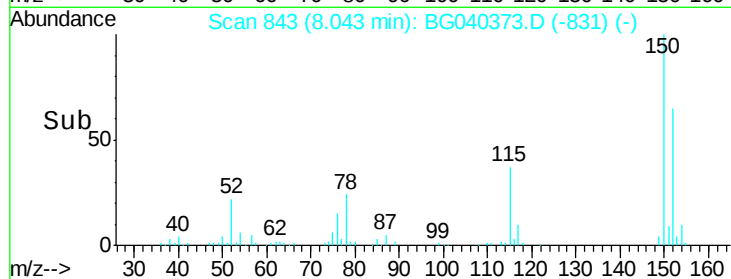
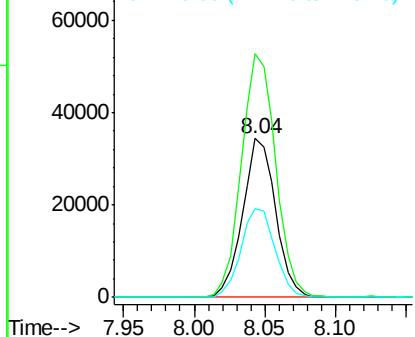
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040373.D
Acq: 4 Apr 2019 23:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56129
Ion Ratio Lower Upper
152 100
150 153.5 123.7 185.5
115 56.1 46.9 70.3



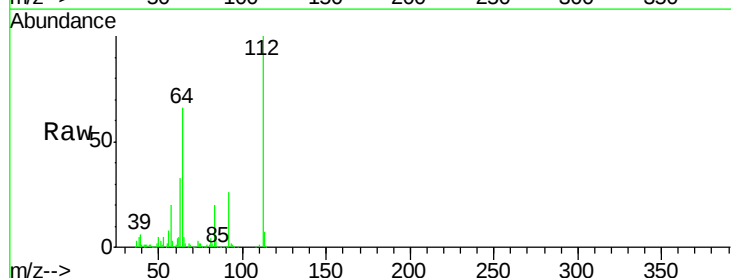
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



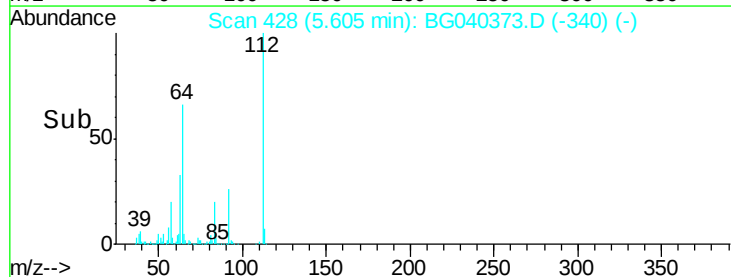
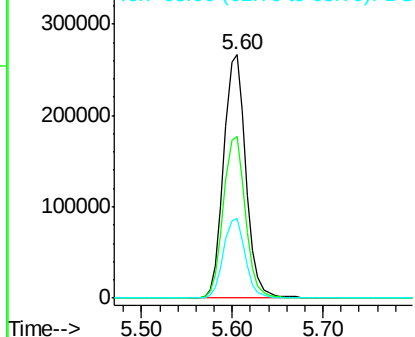
#5

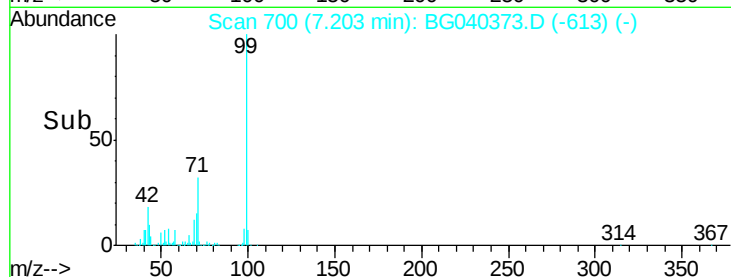
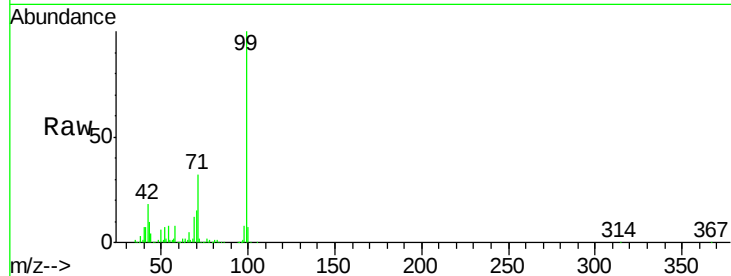
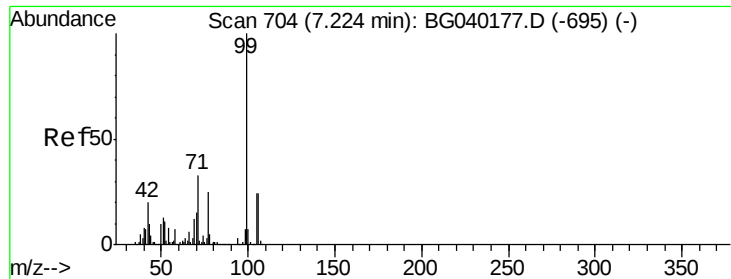
2-Fluorophenol
Concen: 133.858 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040373.D
Acq: 4 Apr 2019 23:59

Tgt Ion:112 Resp: 451952
Ion Ratio Lower Upper
112 100
64 66.2 54.2 81.2
63 32.8 26.4 39.6



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





#7

Phenol-d6

Concen: 131.175 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040373.D

Acq: 4 Apr 2019 23:59

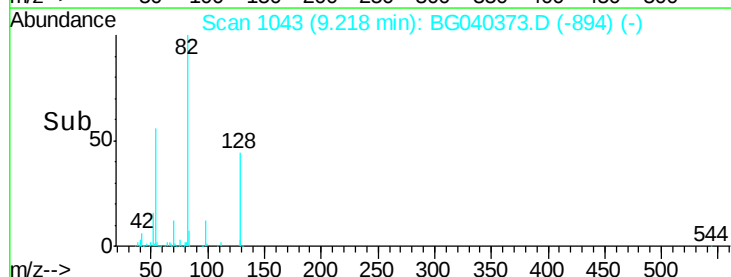
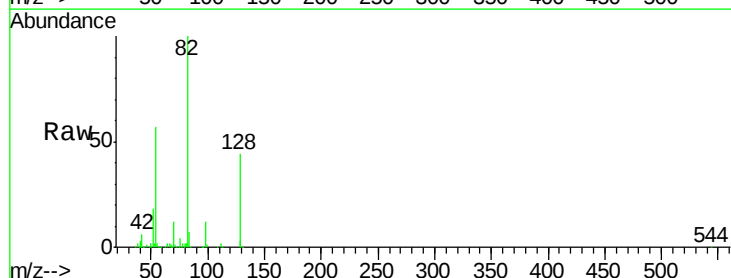
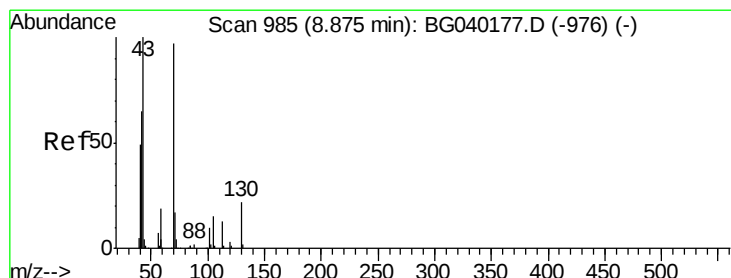
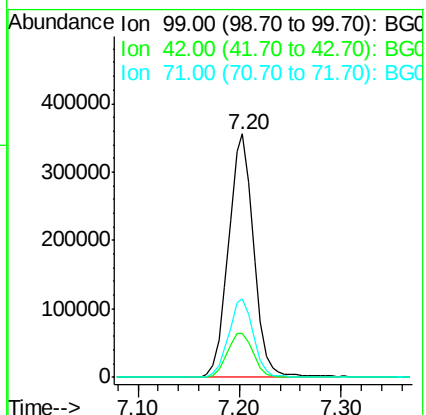
Tot Ion: 99 Resp: 612088

Ion Ratio Lower Upper

99 100

42 17.9 16.2 24.2

71 32.0 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.297 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040373.D

Acq: 4 Apr 2019 23:59

Tgt Ion: 70 Resp: 44487

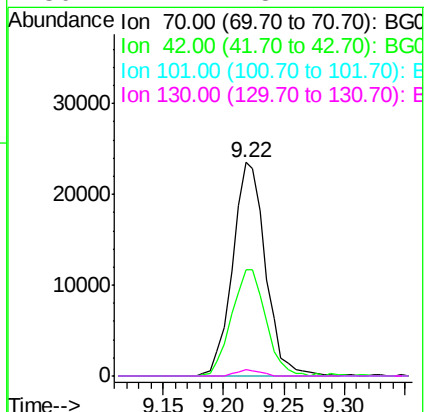
Ion Ratio Lower Upper

70 100

42 49.9 54.0 81.0#

101 0.0 8.6 13.0#

130 2.7 18.2 27.2#

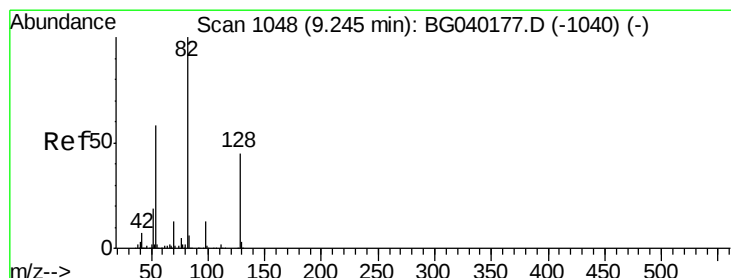
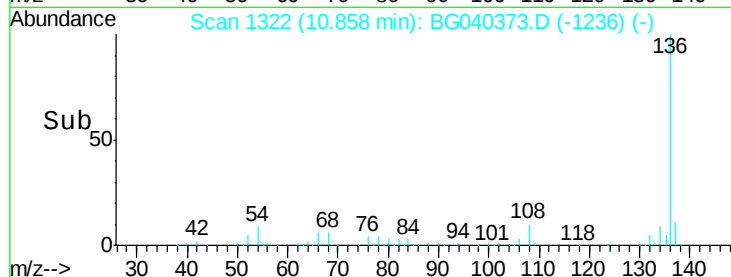
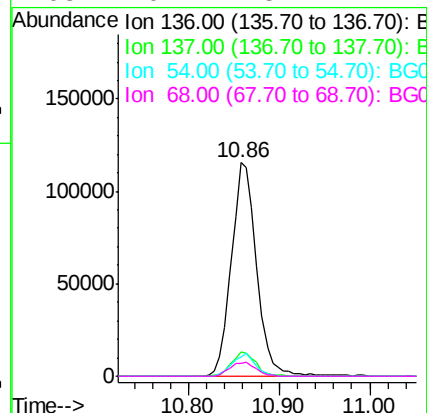
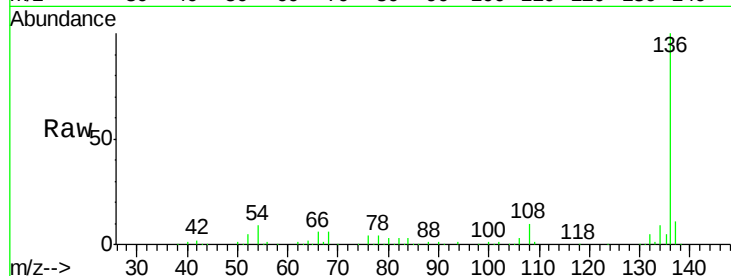




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040373.D
Acq: 4 Apr 2019 23:59

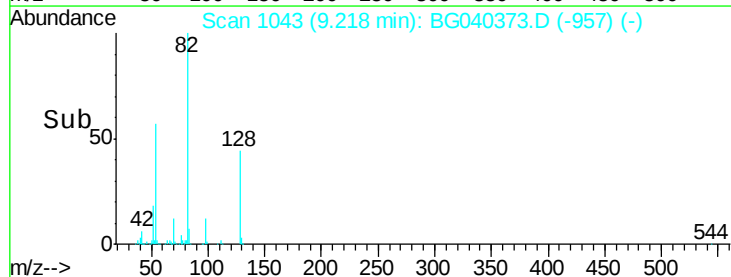
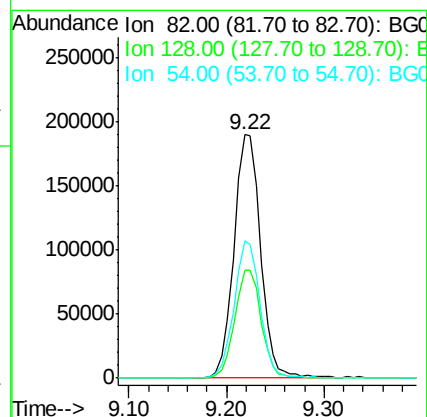
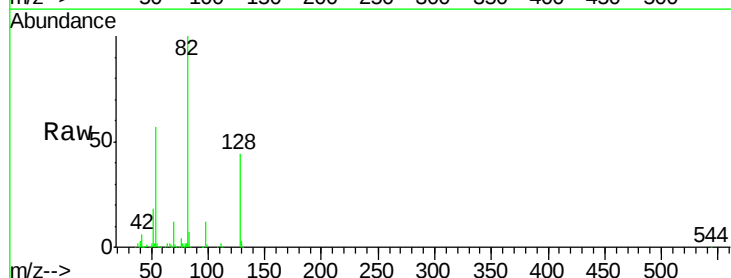
Instrument :
BNA_G
ClientSampleId :

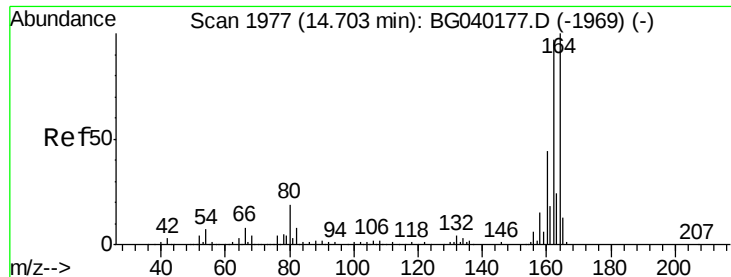
Tot Ion:136	Resp:	223268
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	9.1	9.6 14.4
68	6.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 85.896 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040373.D
Acq: 4 Apr 2019 23:59

Tgt Ion: 82	Resp:	360802
Ion Ratio	Lower	Upper
82	100	
128	44.2	35.8 53.8
54	56.6	46.2 69.2

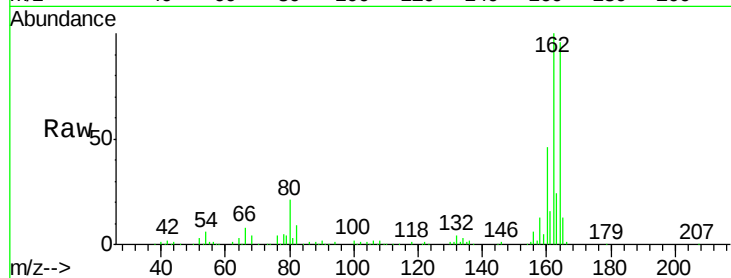




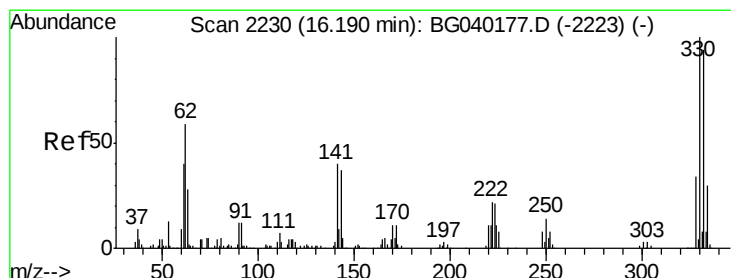
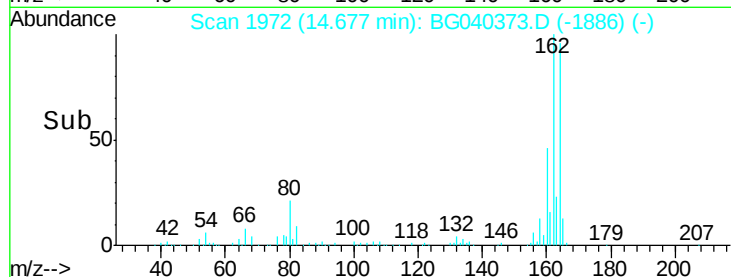
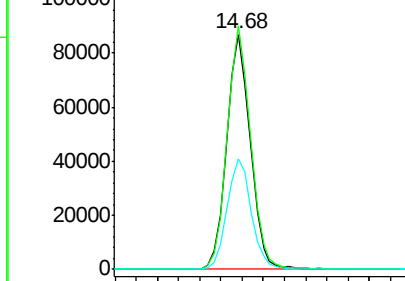
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040373.D
Acq: 4 Apr 2019 23:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 133967
Ion Ratio Lower Upper
164 100
162 103.7 77.4 116.2
160 47.2 35.3 52.9

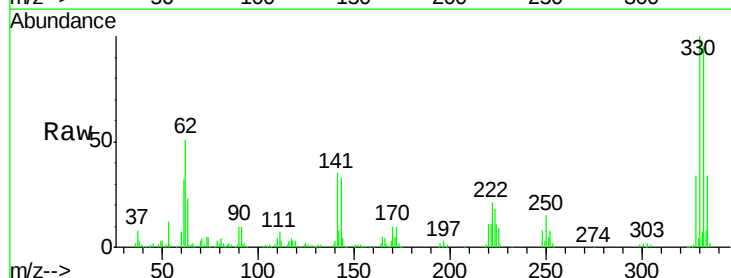


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

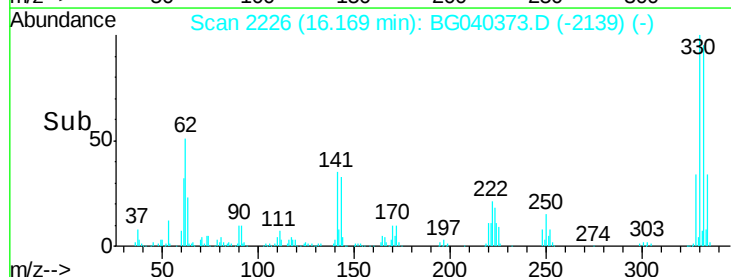
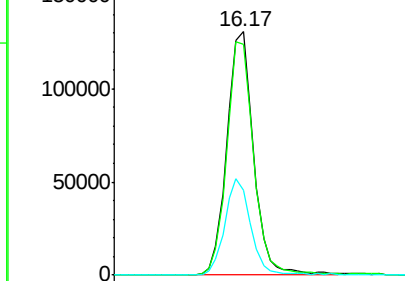


#42
2,4,6-Tribromophenol
Concen: 144.760 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040373.D
Acq: 4 Apr 2019 23:59

Tgt Ion:330 Resp: 209588
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 38.8 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: 86.295 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040373.D

Acq: 4 Apr 2019 23:59

Instrument :

BNA_G

ClientSampleId :

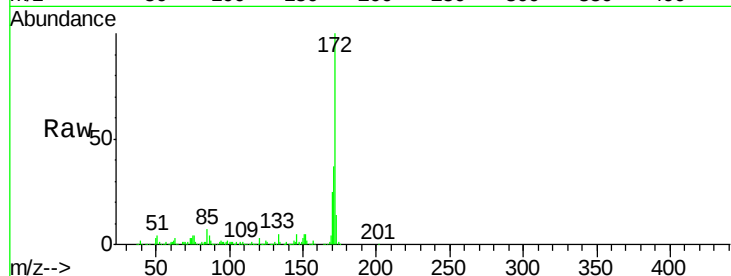
Tot Ion:172 Resp: 780202

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

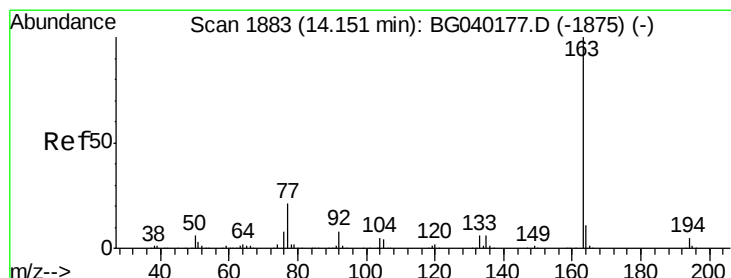
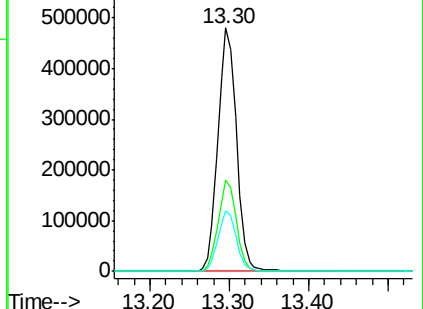
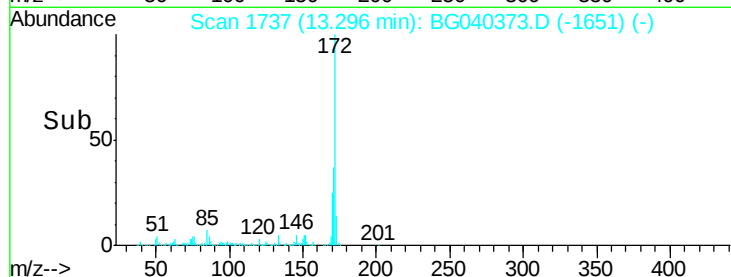
170 24.7 20.1 30.1



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: 10.587 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040373.D

Acq: 4 Apr 2019 23:59

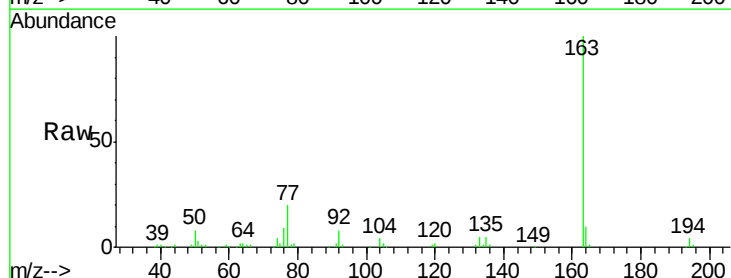
Tgt Ion:163 Resp: 111007

Ion Ratio Lower Upper

163 100

194 4.3 4.1 6.1

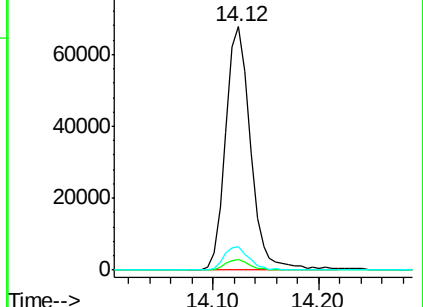
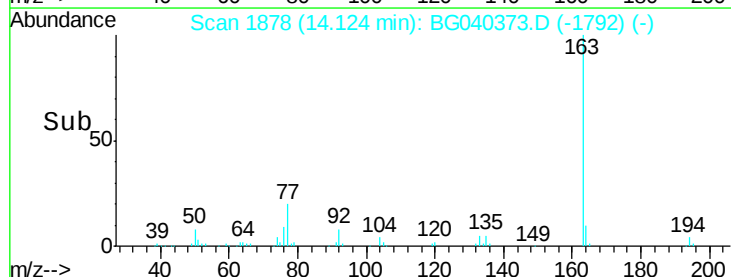
164 9.9 8.6 13.0

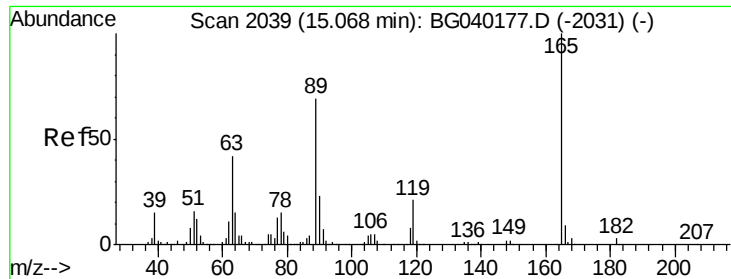


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

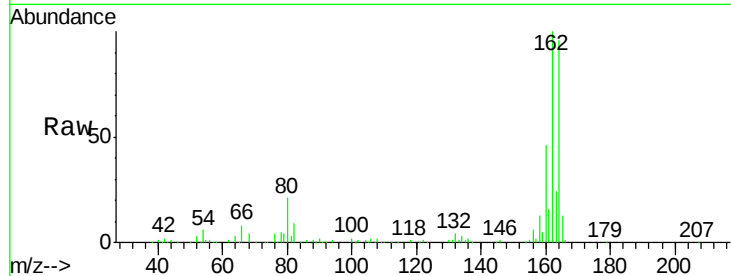




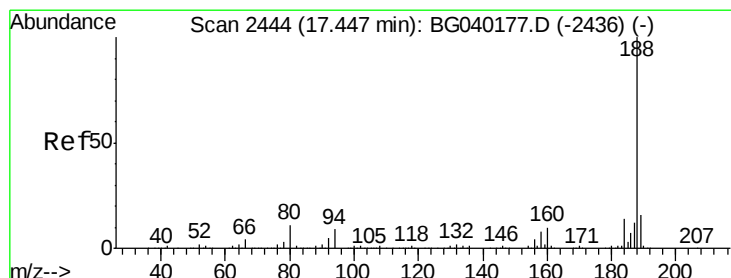
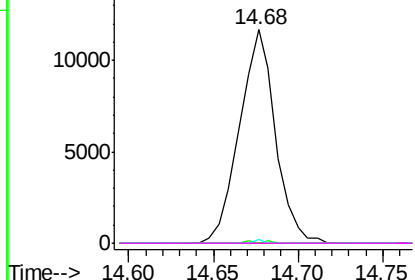
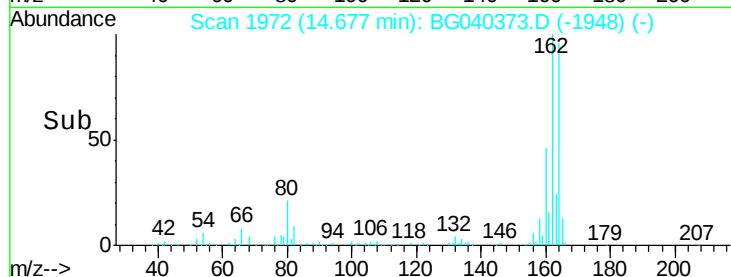
#57
 2,4-Dinitrotoluene
 Concen: 5.282 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040373.D
 Acq: 4 Apr 2019 23:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17279
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.6#
 89 1.8 55.4 83.2#
 182 0.0 2.2 3.4#

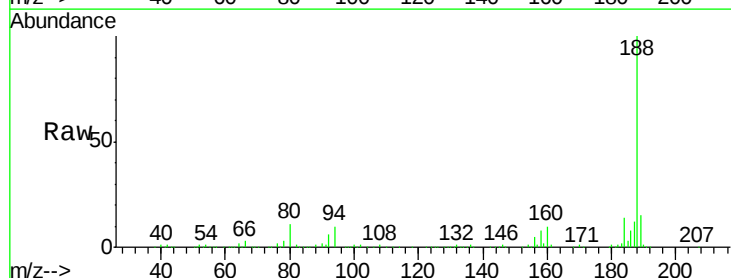


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

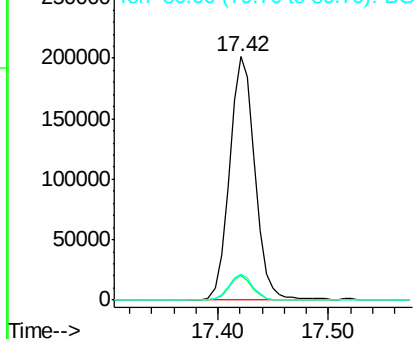
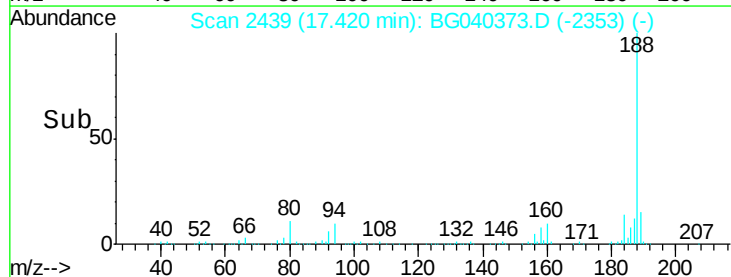


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040373.D
 Acq: 4 Apr 2019 23:59

Tgt Ion:188 Resp: 324220
 Ion Ratio Lower Upper
 188 100
 94 10.1 7.0 10.4
 80 10.5 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

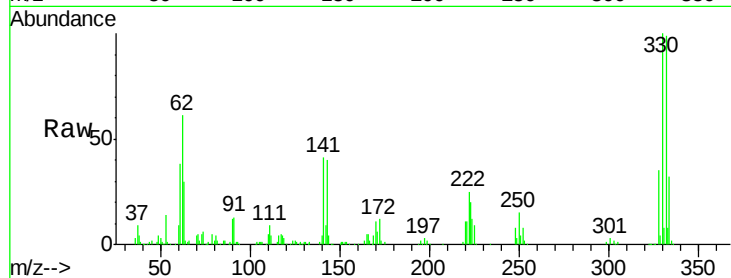




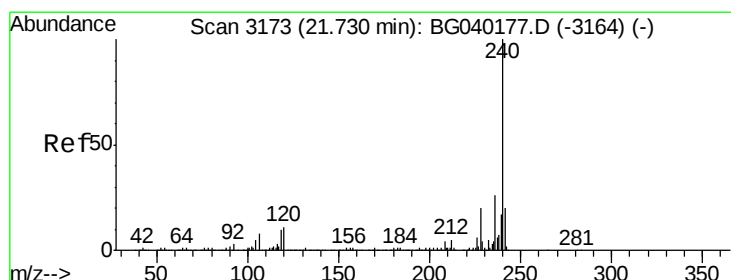
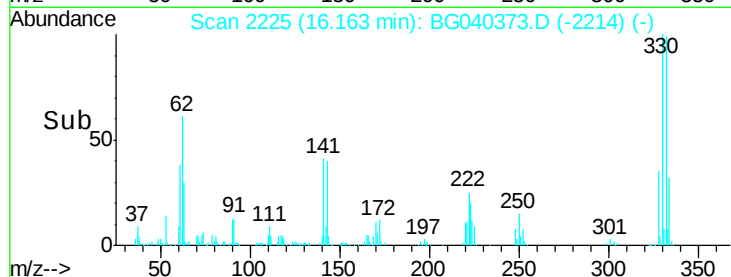
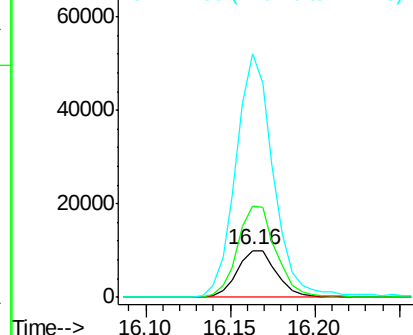
#67
 4-Bromophenyl-phenylether
 Concen: 4.455 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.47 min
 Lab File: BG040373.D
 Acq: 4 Apr 2019 23:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 16255
 Ion Ratio Lower Upper
 248 100
 250 193.8 76.4 114.6#
 141 520.1 53.8 80.8#

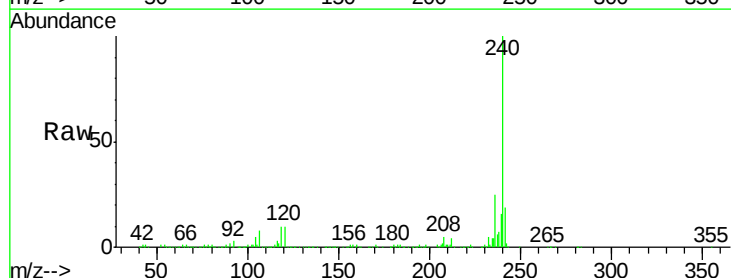


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

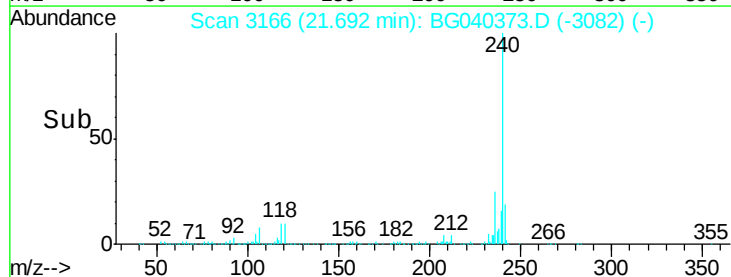
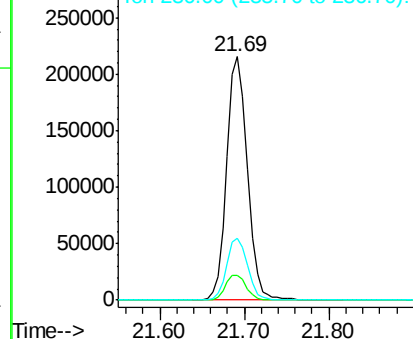


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040373.D
 Acq: 4 Apr 2019 23:59

Tgt Ion:240 Resp: 366291
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 25.2 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: 71.530 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040373.D

Acq: 4 Apr 2019 23:59

Instrument :

BNA_G

ClientSampled :

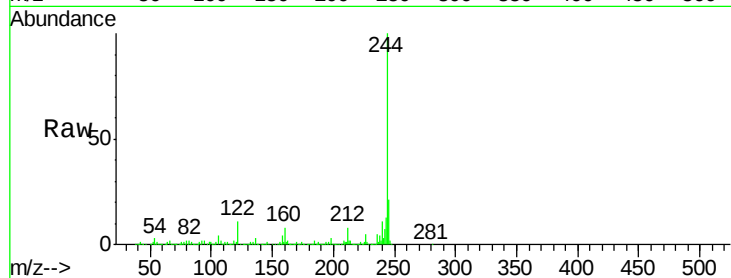
Tot Ion:244 Resp: 1164665

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

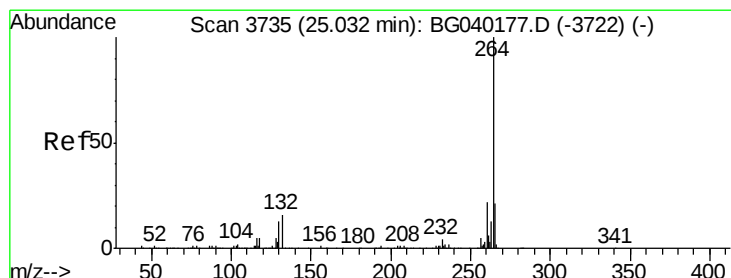
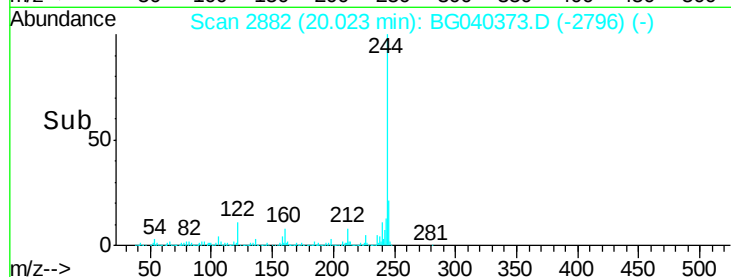
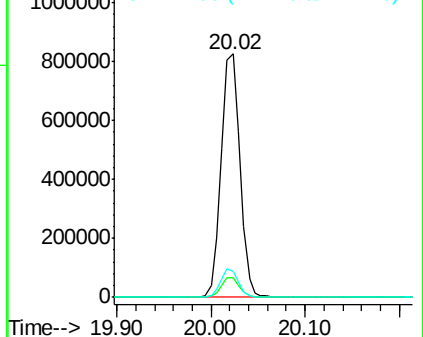
122 10.9 8.5 12.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040373.D

Acq: 4 Apr 2019 23:59

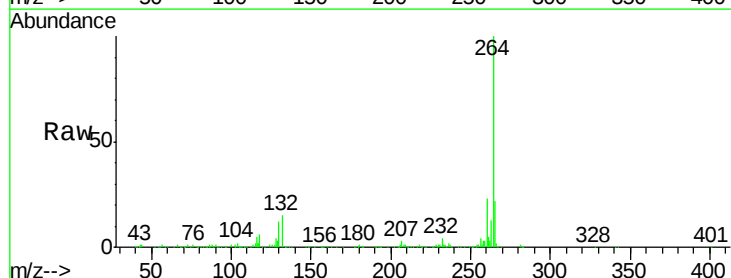
Tgt Ion:264 Resp: 372055

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 22.1 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

