

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
 Data File : BG040396.D
 Acq On : 9 Apr 2019 13:03
 Operator : JU/SJ
 Sample : PB118710BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 00:50:48 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

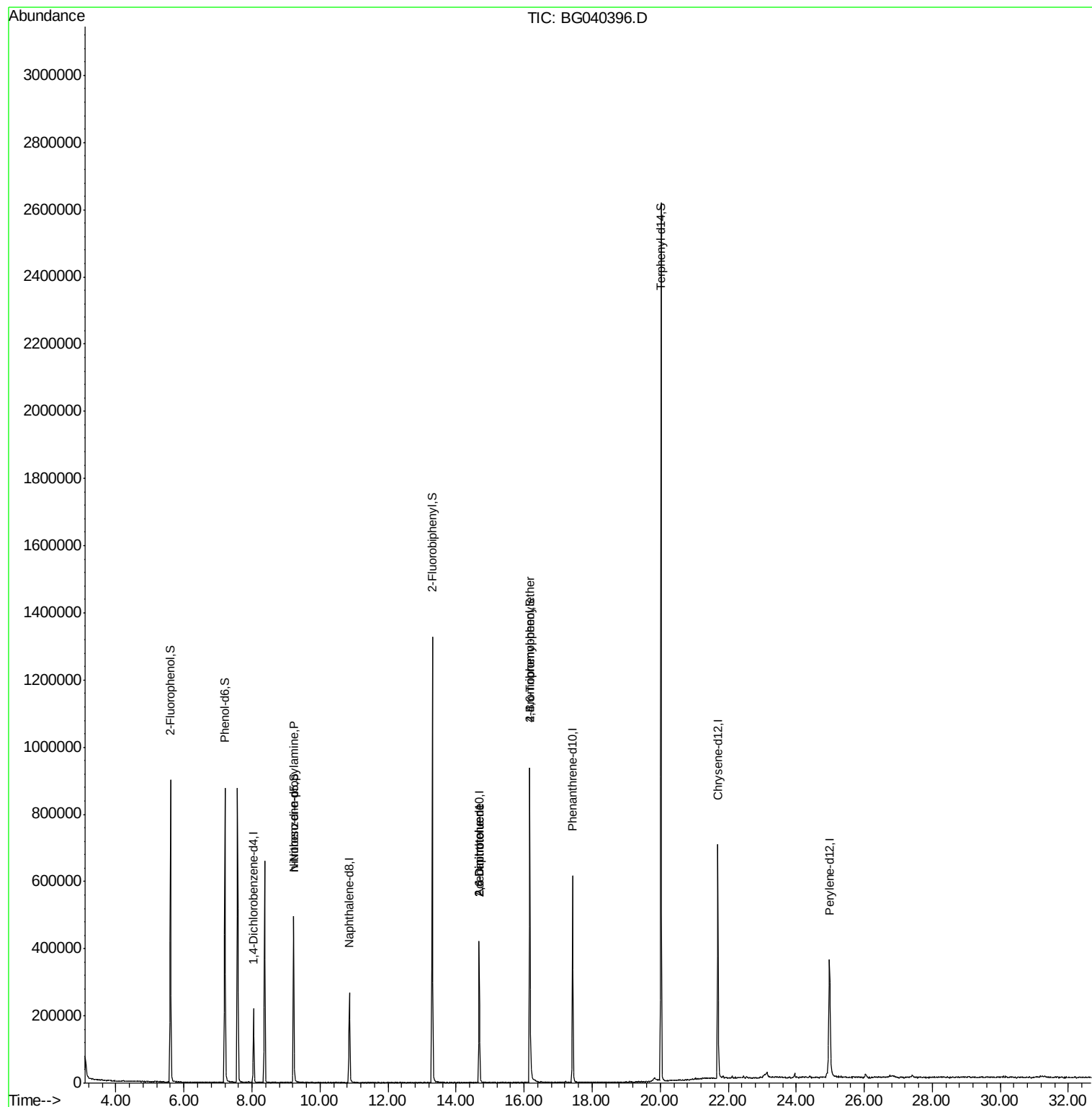
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64934	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	250874	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	154775	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	412194	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	440403	20.00	ng	-0.03
87) Perylene-d12	24.97	264	440363	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	395636	101.29	ng	-0.02
7) Phenol-d6	7.20	99	546440	101.23	ng	-0.02
23) Nitrobenzene-d5	9.22	82	316835	67.13	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	186485	111.49	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	729856	69.87	ng	-0.02
79) Terphenyl-d14	20.02	244	1275370	65.15	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	39194	10.127	ng	# 74
51) 2,6-Dinitrotoluene	14.68	165	19519	7.176	ng	# 29
57) 2,4-Dinitrotoluene	14.68	165	19519	5.165	ng	# 29
67) 4-Bromophenyl-phenylether	16.17	248	15488	3.339	ng	# 1

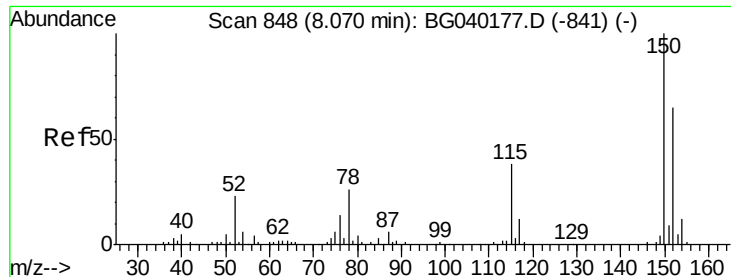
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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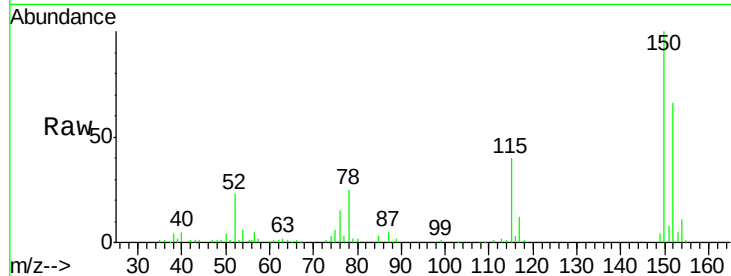


#1

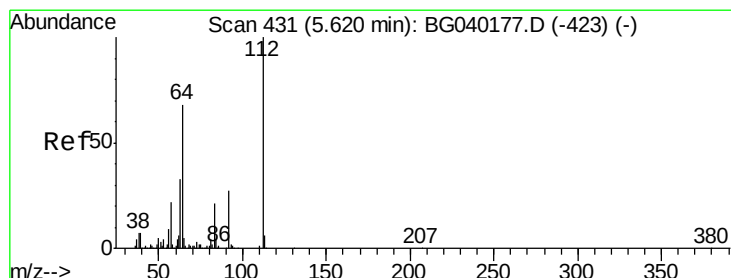
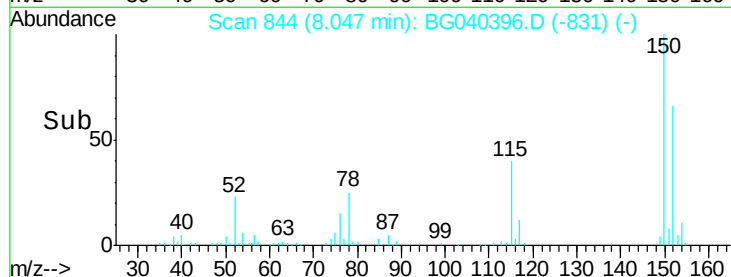
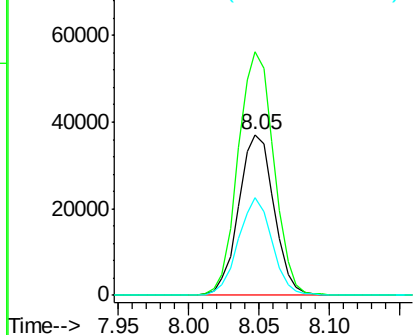
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040396.D
Acq: 9 Apr 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64934
Ion Ratio Lower Upper
152 100
150 151.5 123.7 185.5
115 60.6 46.9 70.3



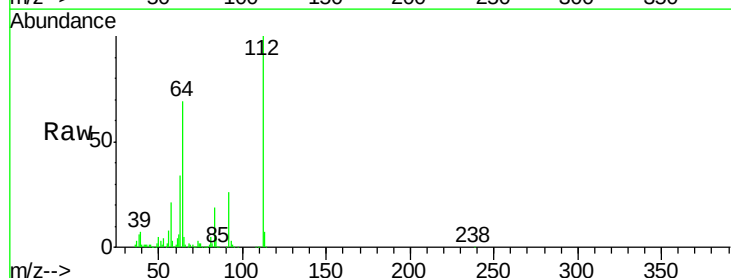
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



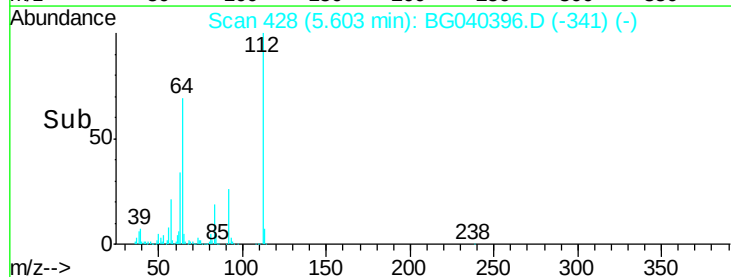
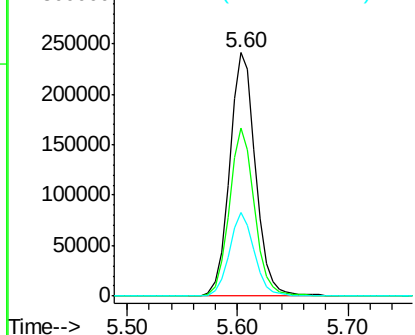
#5

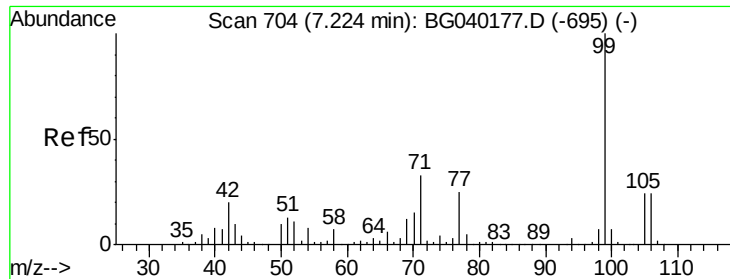
2-Fluorophenol
Concen: 101.289 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040396.D
Acq: 9 Apr 2019 13:03

Tgt Ion:112 Resp: 395636
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.2
63 34.2 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: 101.227 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040396.D

Acq: 9 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

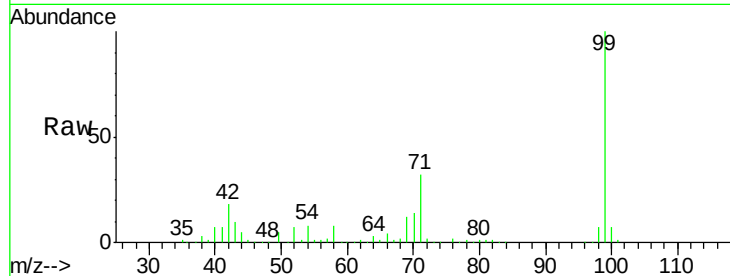
Tot Ion: 99 Resp: 546440

Ion Ratio Lower Upper

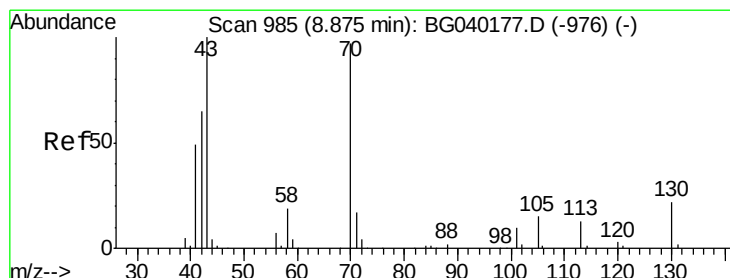
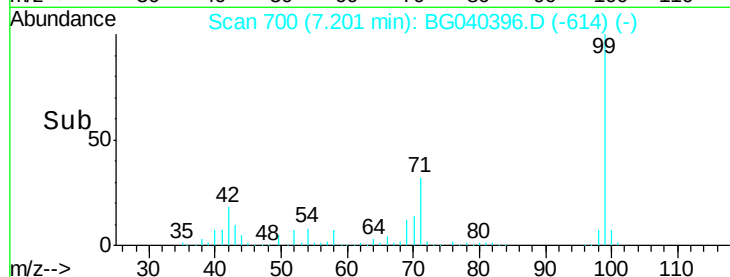
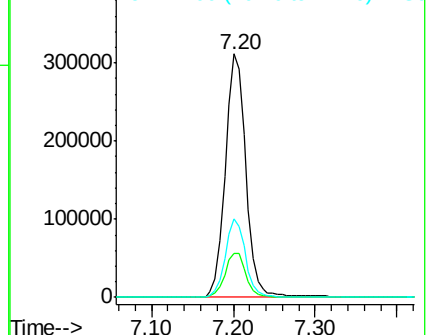
99 100

42 18.1 16.2 24.2

71 32.3 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: 10.127 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040396.D

Acq: 9 Apr 2019 13:03

Tgt Ion: 70 Resp: 39194

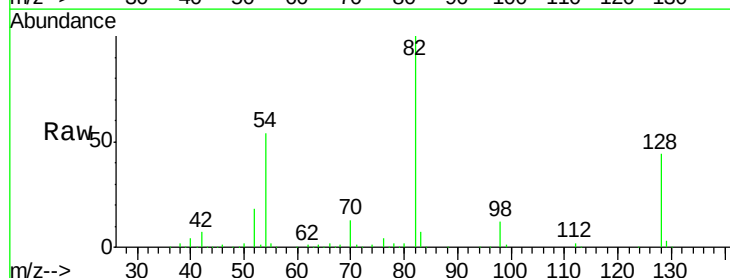
Ion Ratio Lower Upper

70 100

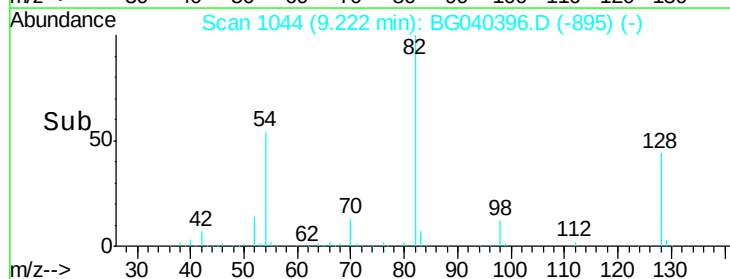
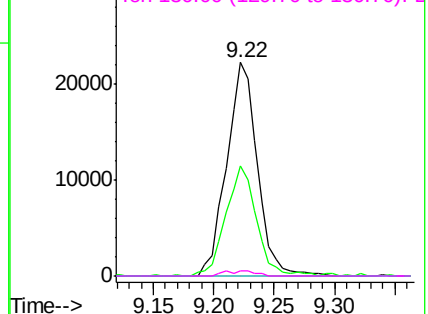
42 51.3 54.0 81.0#

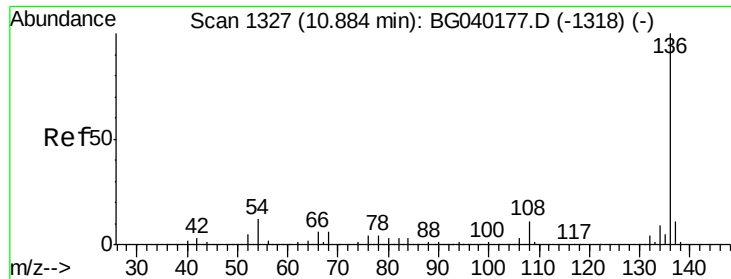
101 0.0 8.6 13.0#

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

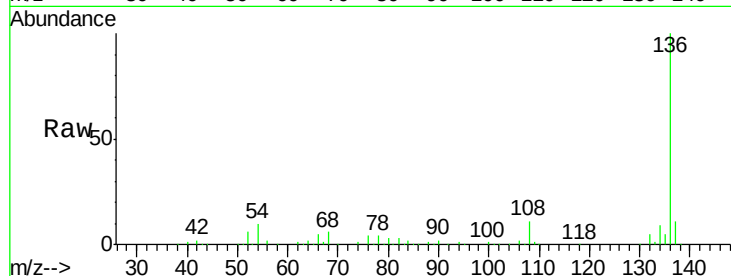




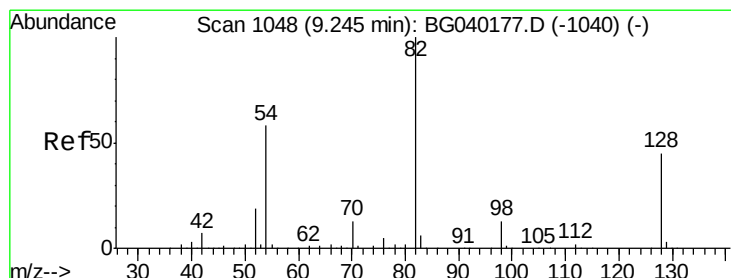
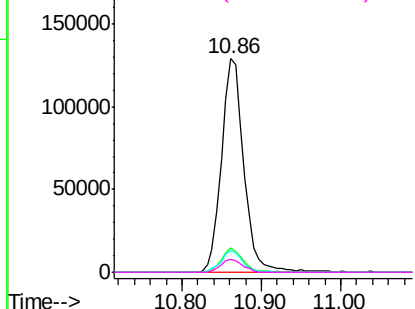
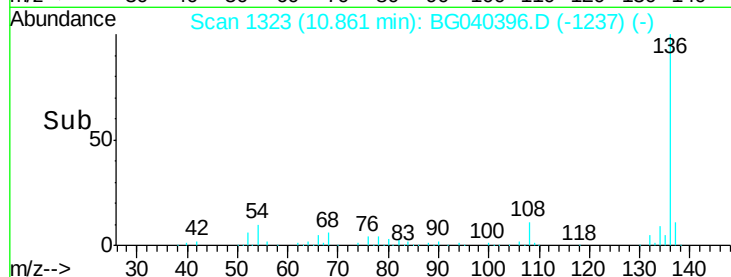
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040396.D
Acq: 9 Apr 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	250874
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	10.0	9.6 14.4
68	6.0	5.1 7.7

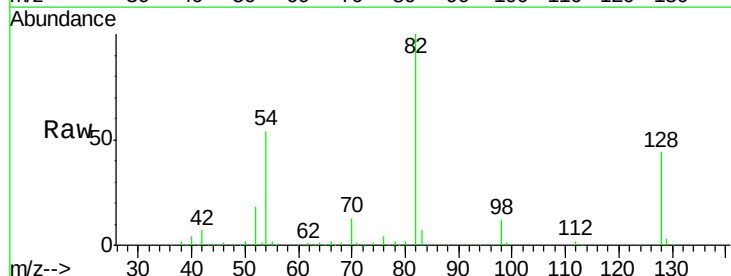


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

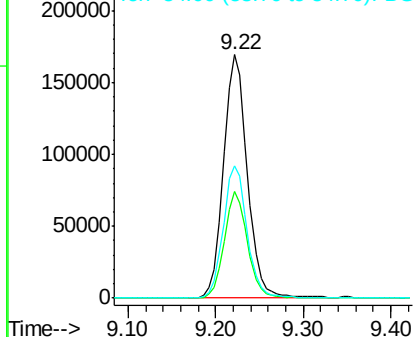
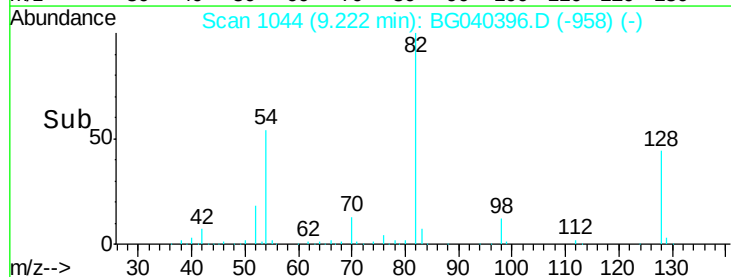


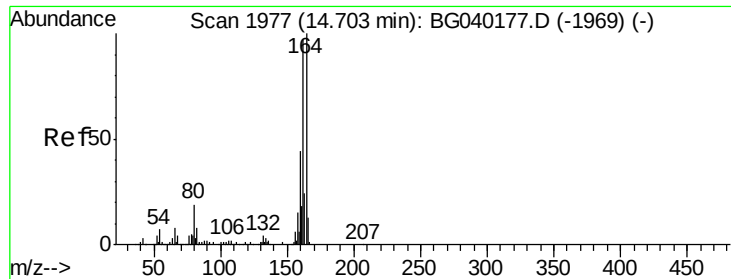
#23
Nitrobenzene-d5
Concen: 67.129 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040396.D
Acq: 9 Apr 2019 13:03

Tgt Ion: 82	Resp:	316835
Ion	Ratio	Lower Upper
82	100	
128	43.8	35.8 53.8
54	54.3	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# 1973

Delta R.T. -0.02 min

Lab File: BG040396.D

Acq: 9 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

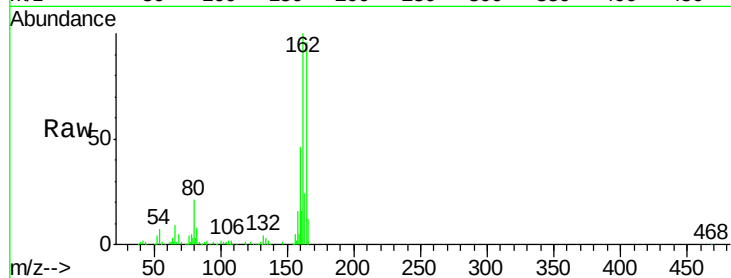
Tot Ion:164 Resp: 154775

Ion Ratio Lower Upper

164 100

162 104.7 77.4 116.2

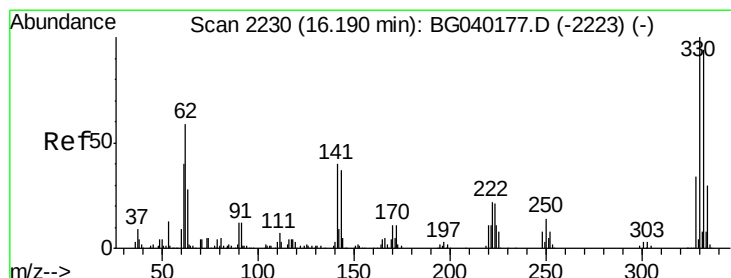
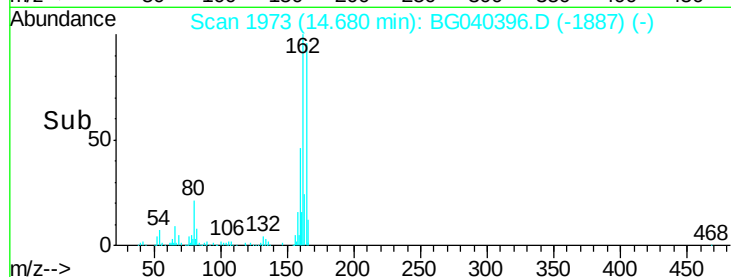
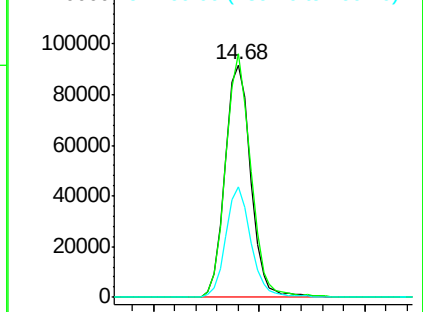
160 47.7 35.3 52.9



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: 111.486 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040396.D

Acq: 9 Apr 2019 13:03

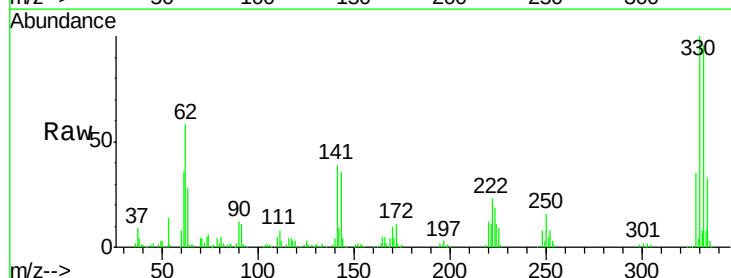
Tgt Ion:330 Resp: 186485

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

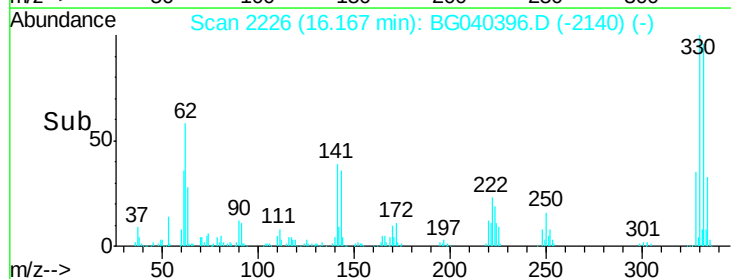
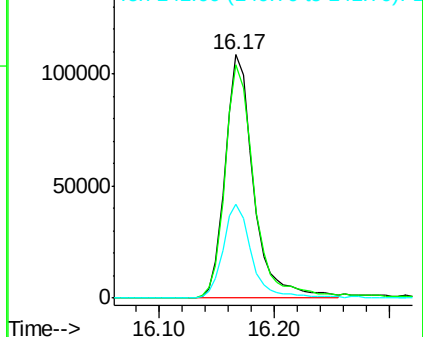
141 38.6 32.6 48.8

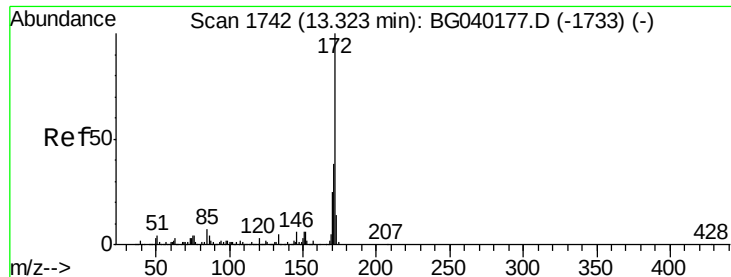


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 69.874 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040396.D

Acq: 9 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

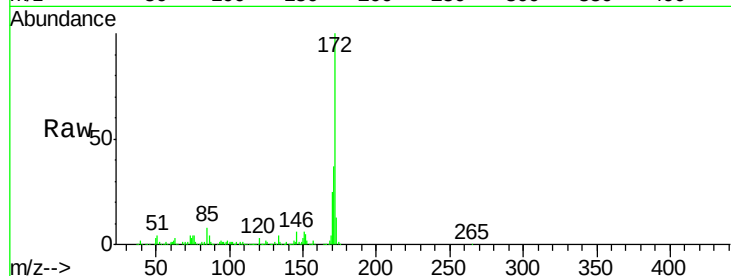
Tot Ion:172 Resp: 729856

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

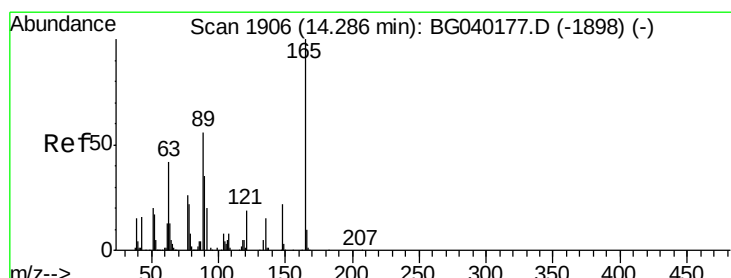
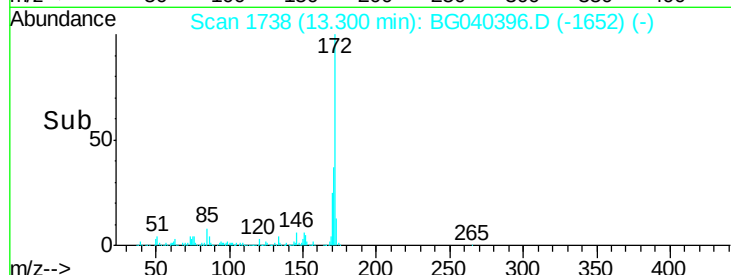
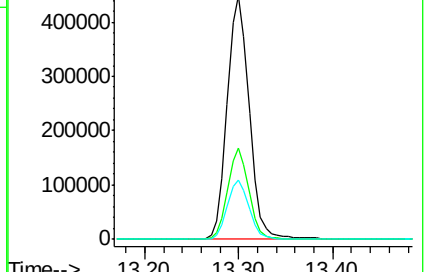
170 24.6 20.1 30.1



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



#51

2,6-Dinitrotoluene

Concen: 7.176 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.39 min

Lab File: BG040396.D

Acq: 9 Apr 2019 13:03

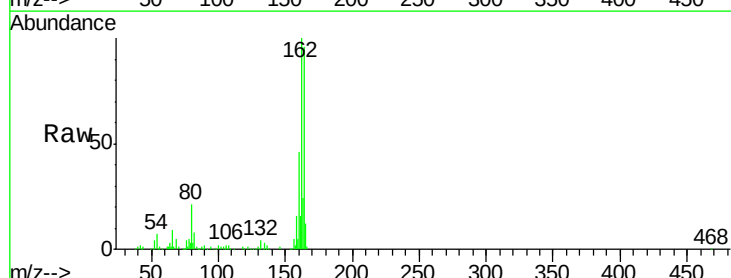
Tgt Ion:165 Resp: 19519

Ion Ratio Lower Upper

165 100

63 4.6 44.1 66.1#

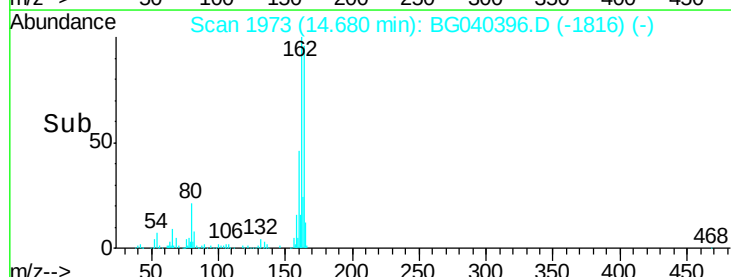
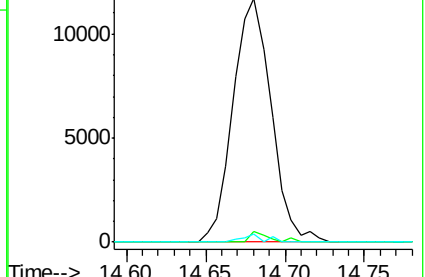
89 3.2 44.9 67.3#

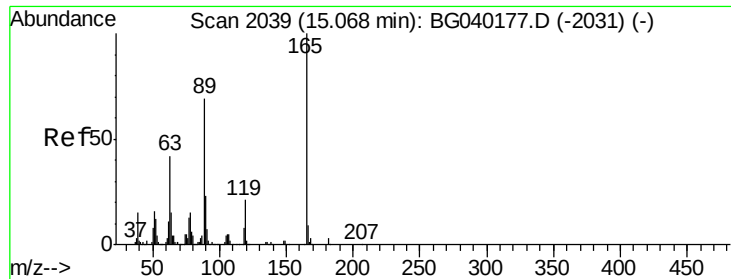


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#57

2,4-Dinitrotoluene

Concen: 5.165 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.39 min

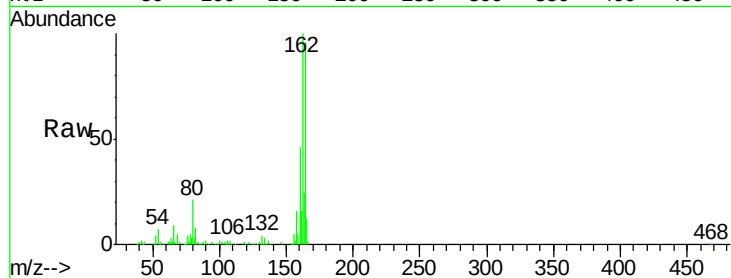
Lab File: BG040396.D

Acq: 9 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :



Tot Ion:165 Resp: 19519

Ion Ratio Lower Upper

165 100

63 4.6 33.8 50.6#

89 3.2 55.4 83.2#

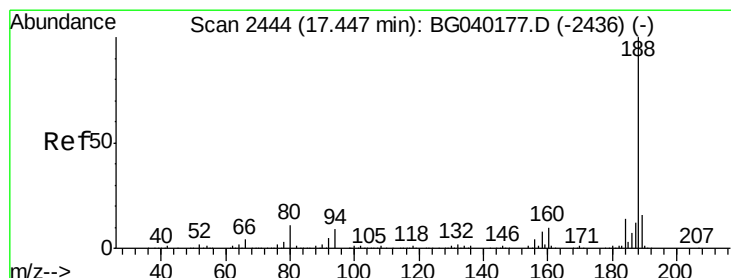
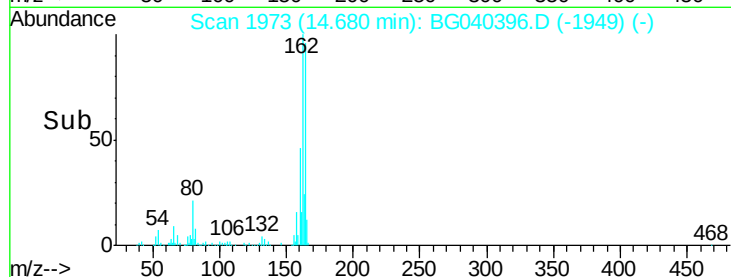
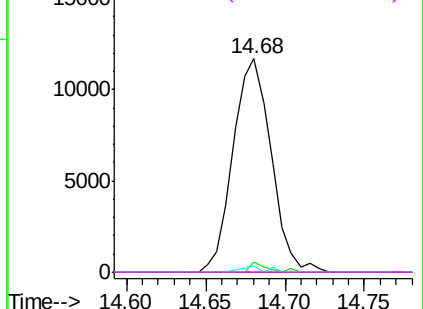
182 0.0 2.2 3.4#

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# 2440

Delta R.T. -0.02 min

Lab File: BG040396.D

Acq: 9 Apr 2019 13:03

Tgt Ion:188 Resp: 412194

Ion Ratio Lower Upper

188 100

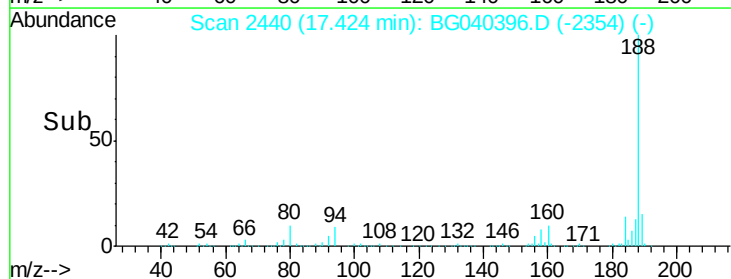
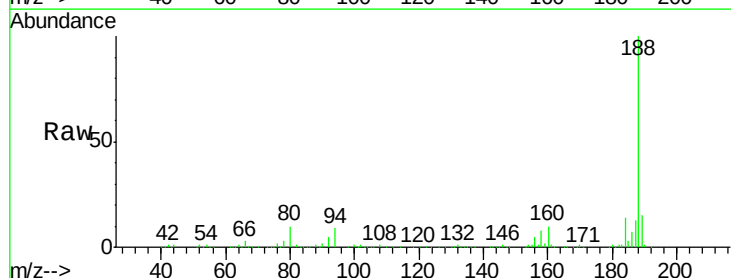
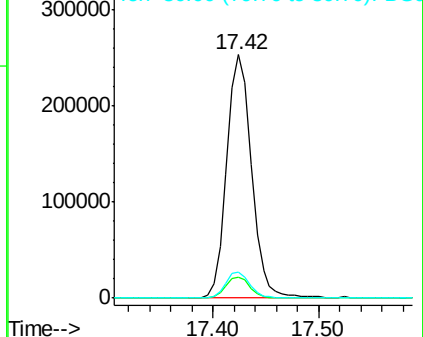
94 8.8 7.0 10.4

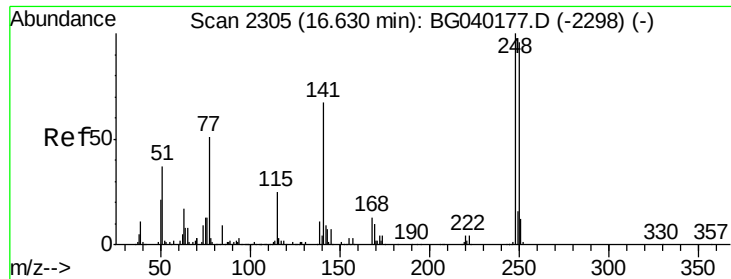
80 10.5 8.6 13.0

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: 3.339 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG040396.D

Acq: 9 Apr 2019 13:03

Instrument :

BNA_G

ClientSampleId :

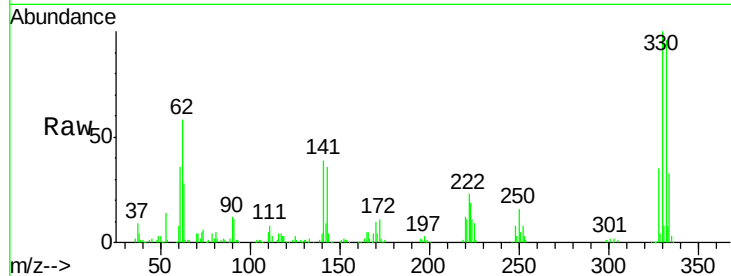
Tot Ion:248 Resp: 15488

Ion Ratio Lower Upper

248 100

250 183.9 76.4 114.6#

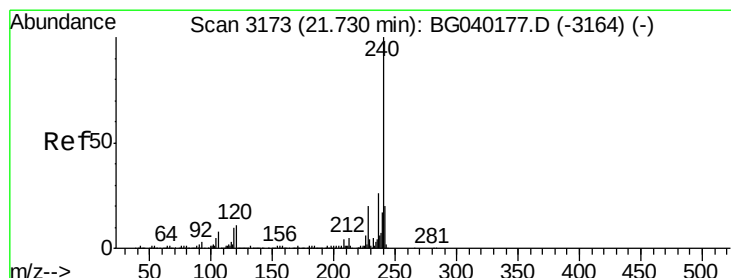
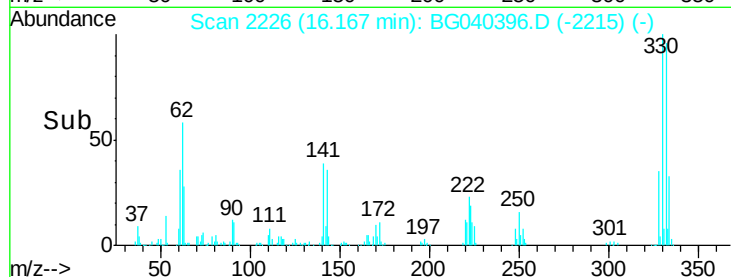
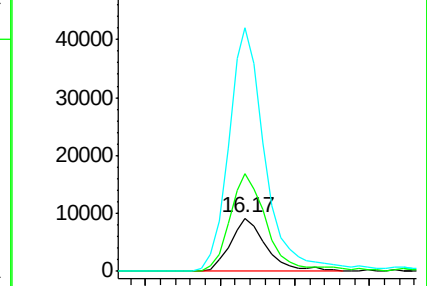
141 455.4 53.8 80.8#



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: BG040396.D

Acq: 9 Apr 2019 13:03

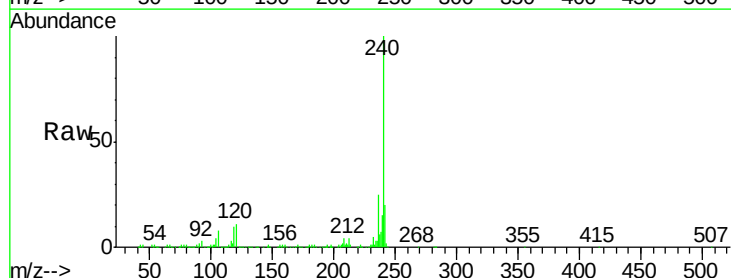
Tgt Ion:240 Resp: 440403

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

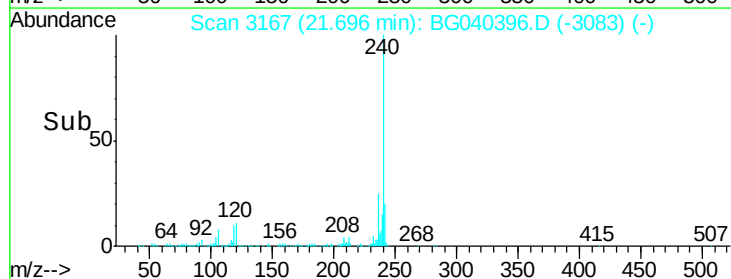
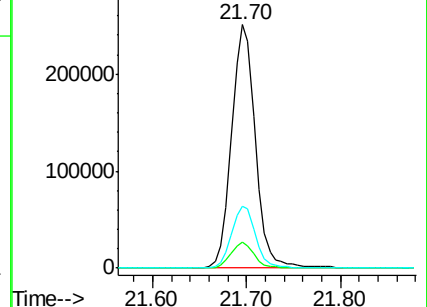
236 25.3 20.8 31.2

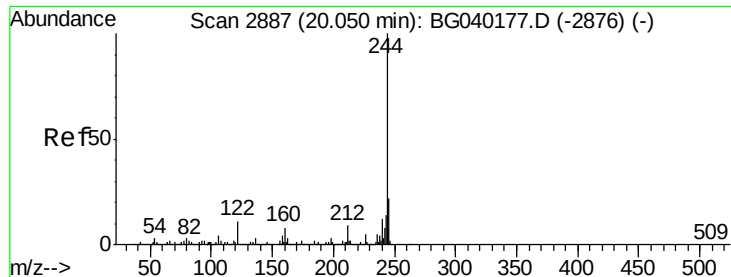


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.148 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040396.D

Acq: 9 Apr 2019 13:03

Instrument :

BNA_G

ClientSampled :

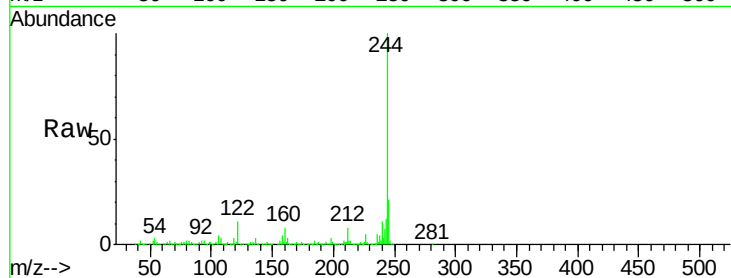
Tot Ion:244 Resp: 1275370

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

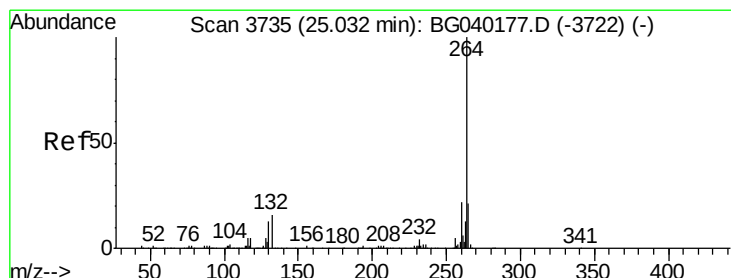
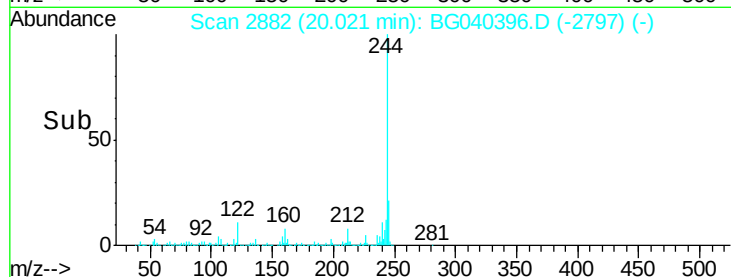
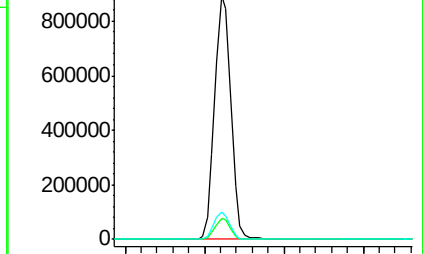
122 11.1 8.5 12.7



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# 3725

Delta R.T. -0.06 min

Lab File: BG040396.D

Acq: 9 Apr 2019 13:03

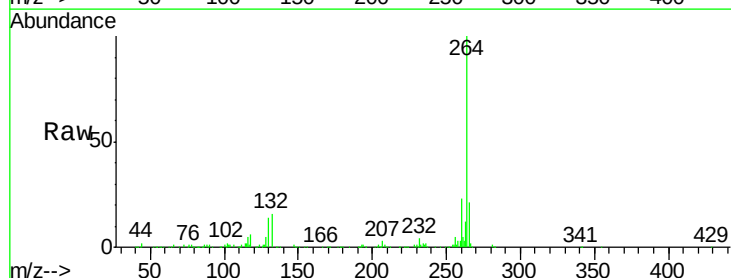
Tgt Ion:264 Resp: 440363

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.2 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

