

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040392.D
 Acq On : 6 Apr 2019 1:05
 Operator : JU/SJ
 Sample : K2242-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-02

Quant Time: Apr 06 02:10:21 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

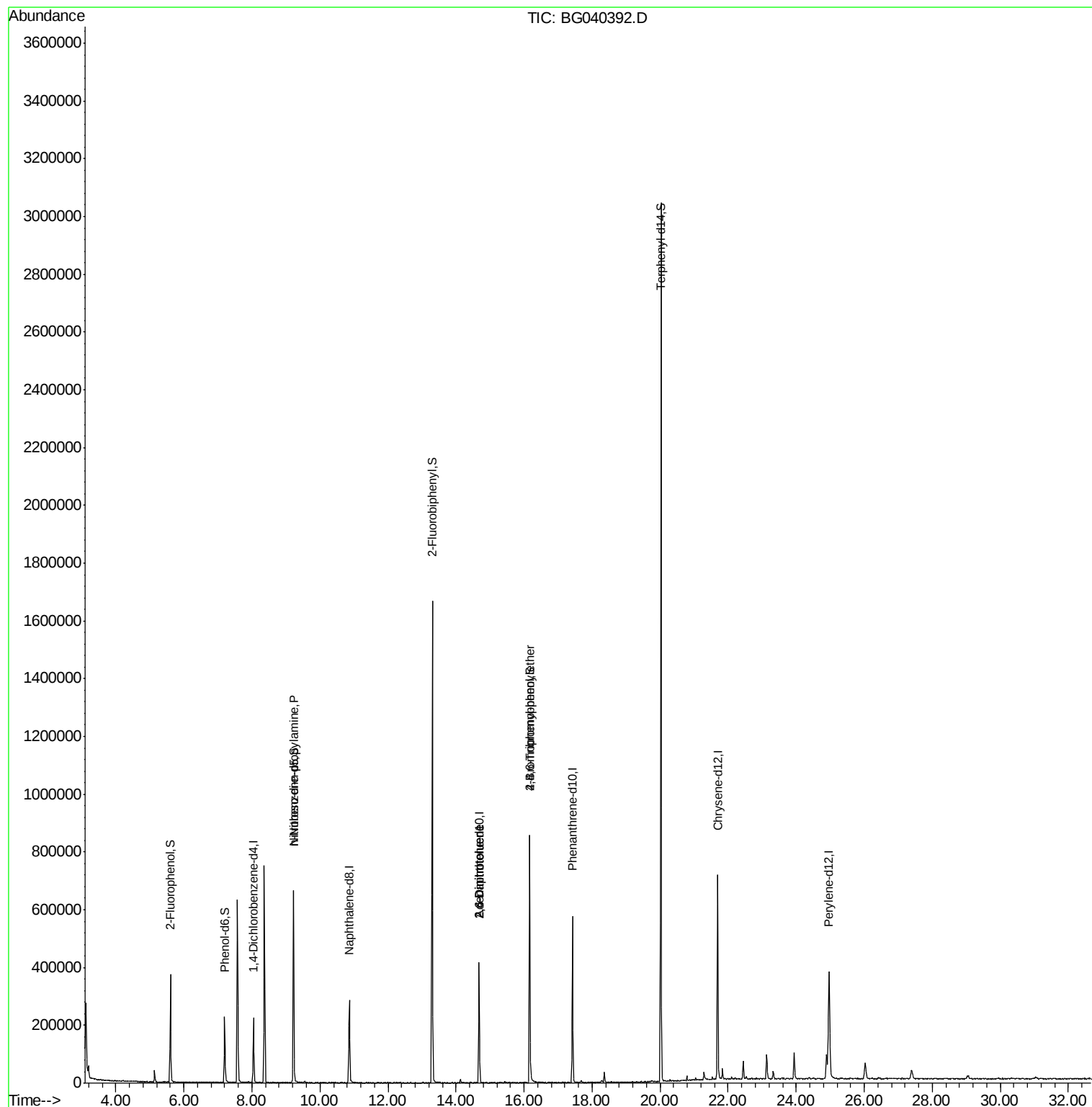
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	65301	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	260488	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	154813	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	371181	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	419397	20.00	ng	-0.04
87) Perylene-d12	24.96	264	424886	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	173626	44.20	ng	-0.02
7) Phenol-d6	7.20	99	147170	27.11	ng	-0.02
23) Nitrobenzene-d5	9.22	82	426055	86.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	163184	97.53	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	921144	88.17	ng	-0.02
79) Terphenyl-d14	20.02	244	1403954	75.31	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	53623	13.777	ng	# 71
51) 2,6-Dinitrotoluene	14.68	165	20581	7.565	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	20581	5.444	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	12695	3.039	ng	# 1

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

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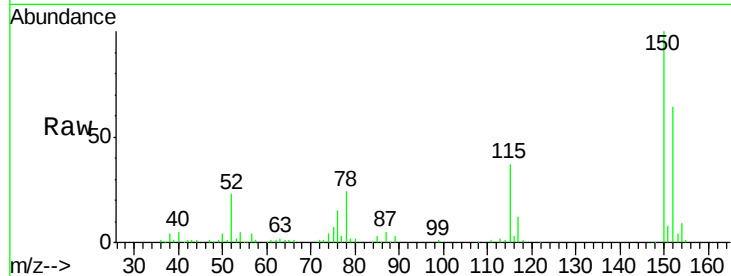


#1

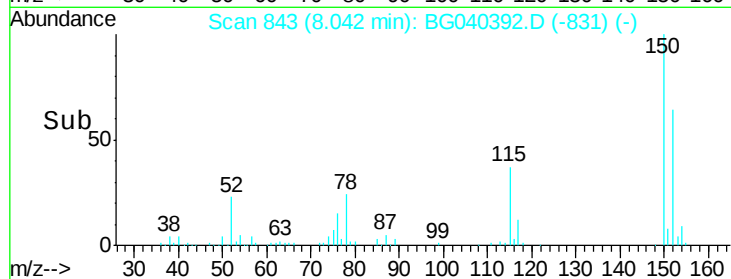
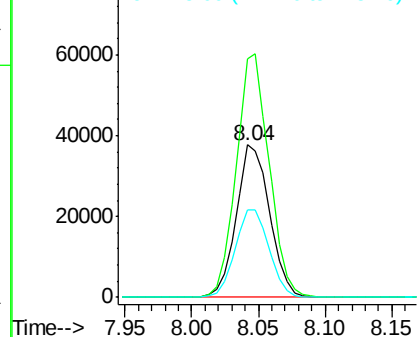
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040392.D
Acq: 6 Apr 2019 1:05

Instrument :
BNA_G
ClientSampleId :
TWP-02

Tot Ion:152 Resp: 65301
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 57.1 46.9 70.3



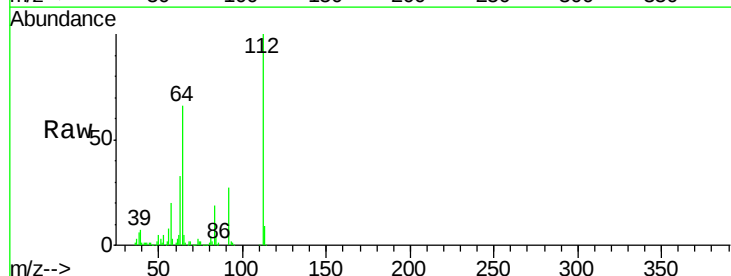
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



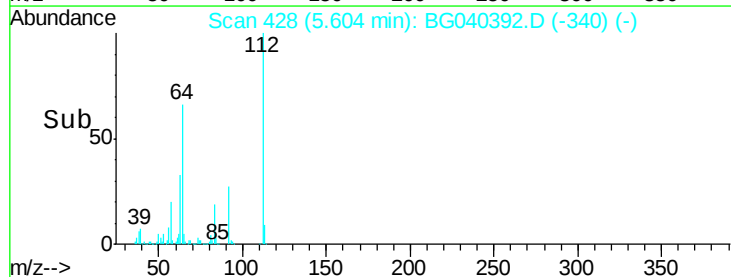
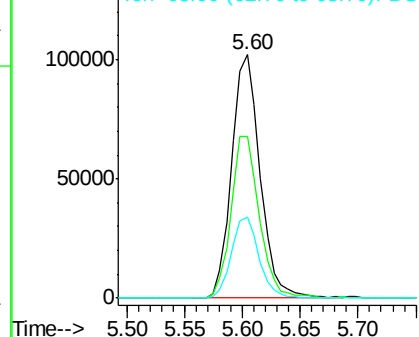
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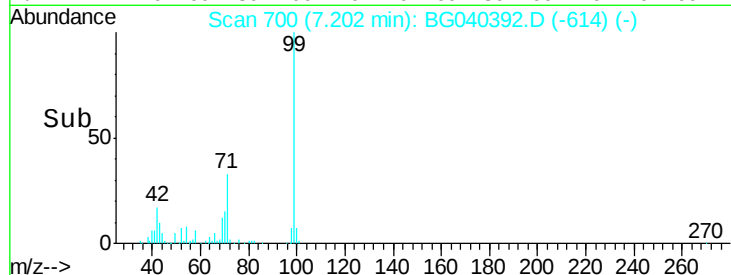
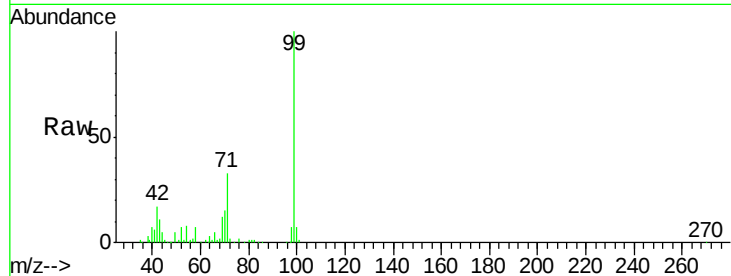
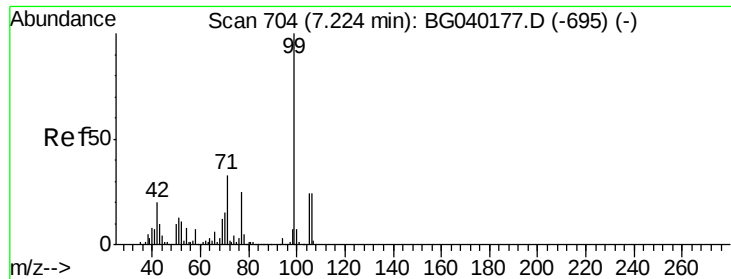
2-Fluorophenol
Concen: 44.201 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040392.D
Acq: 6 Apr 2019 1:05

Tgt Ion:112 Resp: 173626
Ion Ratio Lower Upper
112 100
64 66.2 54.2 81.2
63 33.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG040392.D (-340) (-)
Ion 63.00 (62.70 to 63.70): BG040392.D (-340) (-)





#7

Phenol-d6

Concen: 27.110 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040392.D

Acq: 6 Apr 2019 1:05

Instrument :

BNA_G

ClientSampled :

TWP-02

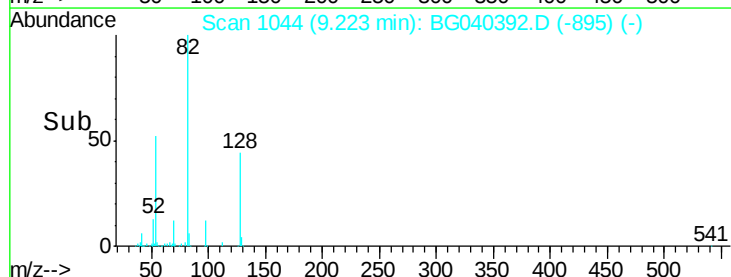
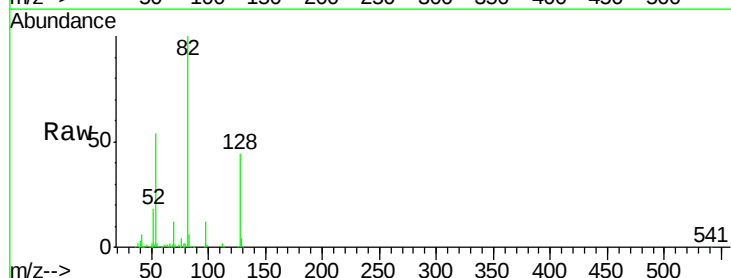
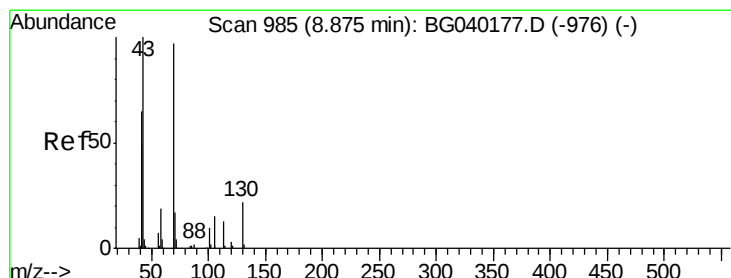
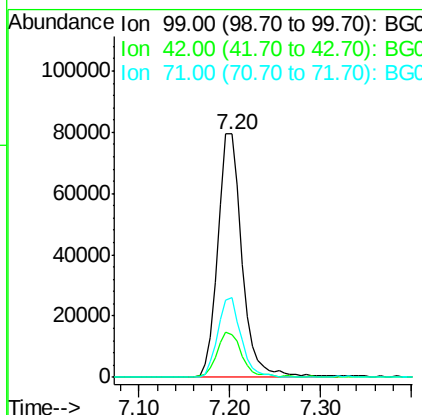
Tot Ion: 99 Resp: 147170

Ion Ratio Lower Upper

99 100

42 17.3 16.2 24.2

71 32.9 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.777 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040392.D

Acq: 6 Apr 2019 1:05

Tgt Ion: 70 Resp: 53623

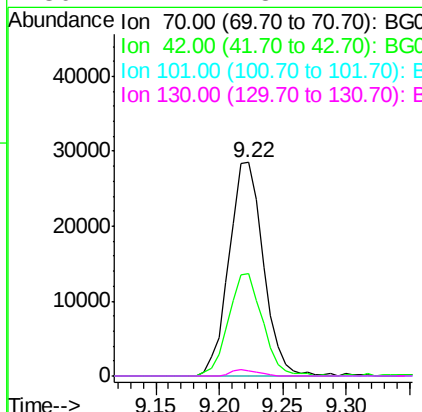
Ion Ratio Lower Upper

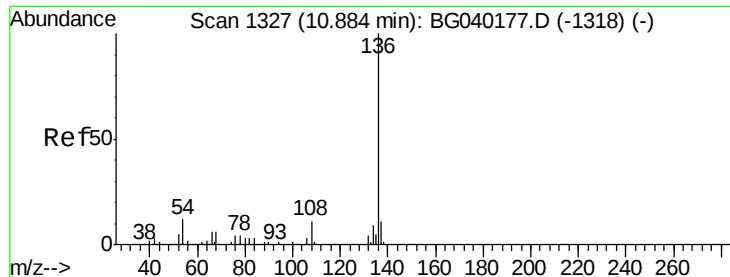
70 100

42 48.0 54.0 81.0#

101 0.0 8.6 13.0#

130 2.2 18.2 27.2#

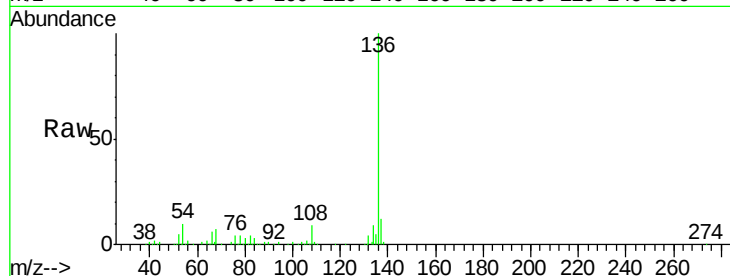




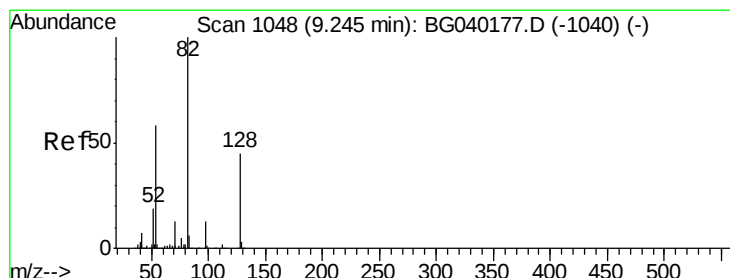
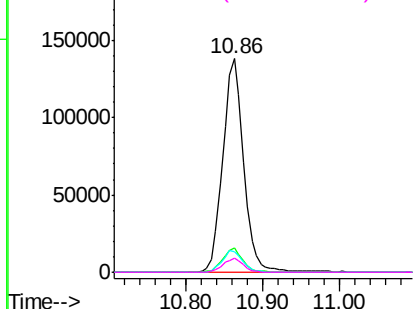
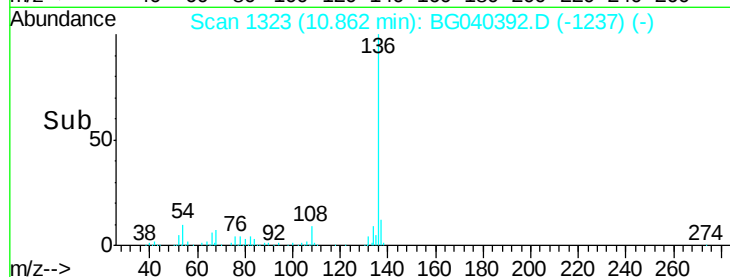
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040392.D
Acq: 6 Apr 2019 1:05

Instrument :
BNA_G
ClientSampled :
TWP-02

Tot Ion:136	Resp:	260488
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.9 13.3
54	9.7	9.6 14.4
68	6.6	5.1 7.7

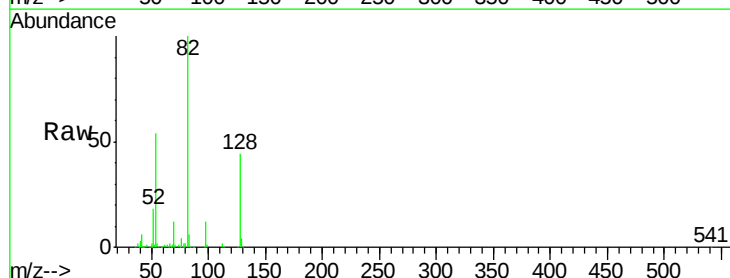


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

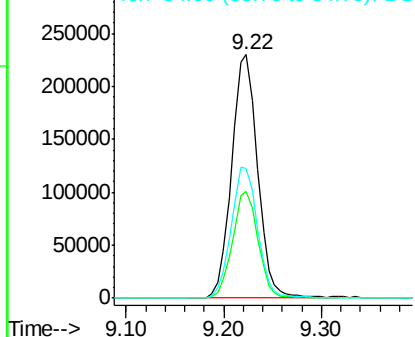
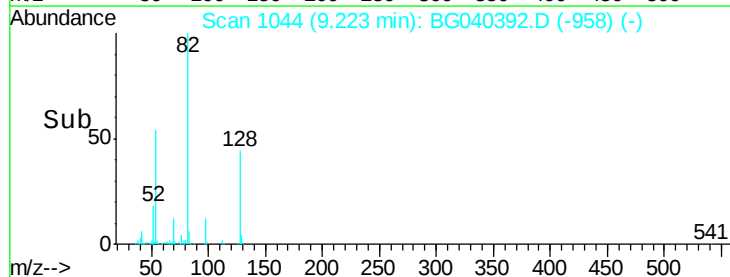


#23
Nitrobenzene-d5
Concen: 86.938 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040392.D
Acq: 6 Apr 2019 1:05

Tgt Ion: 82	Resp:	426055
Ion	Ratio	Lower Upper
82	100	
128	44.0	35.8 53.8
54	53.5	46.2 69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040392.D

Acq: 6 Apr 2019 1:05

Instrument :

BNA_G

ClientSampleId :

TWP-02

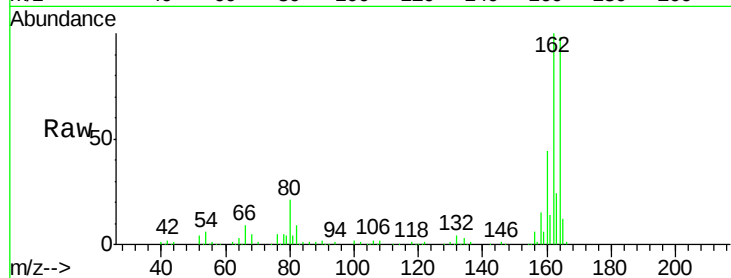
Tot Ion:164 Resp: 154813

Ion Ratio Lower Upper

164 100

162 102.0 77.4 116.2

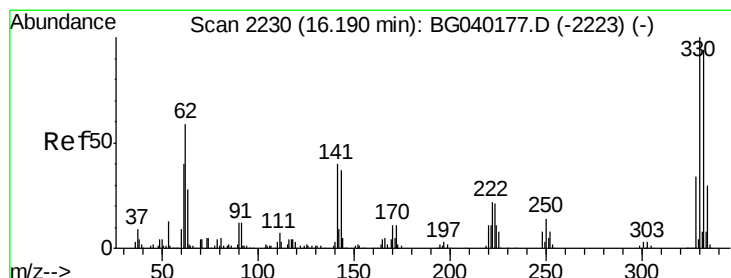
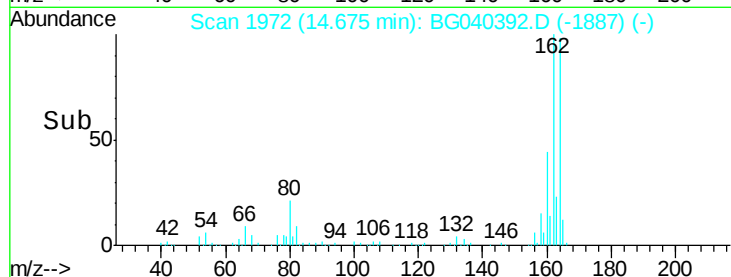
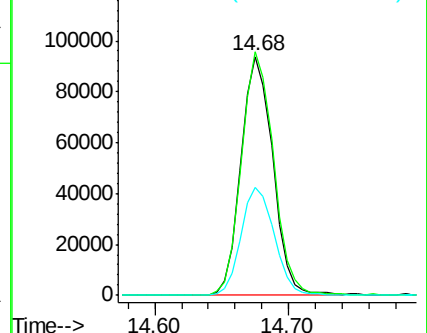
160 45.1 35.3 52.9



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: 97.532 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040392.D

Acq: 6 Apr 2019 1:05

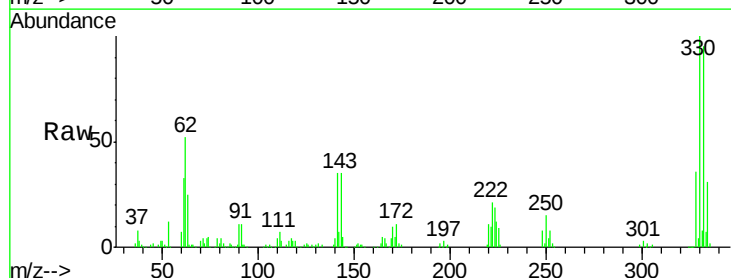
Tgt Ion:330 Resp: 163184

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

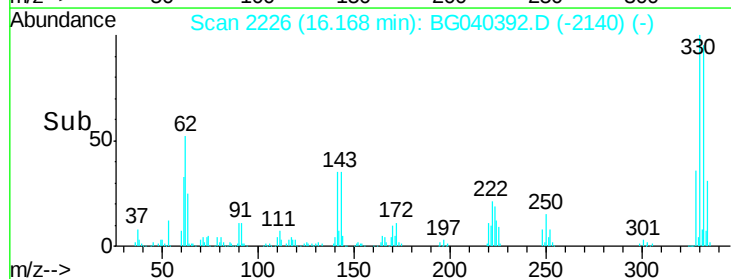
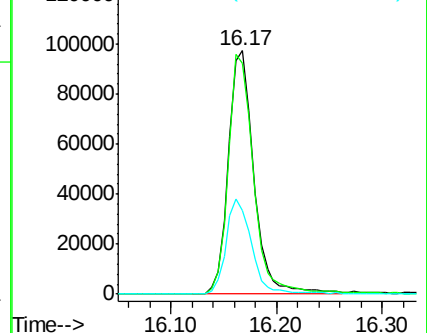
141 39.1 32.6 48.8



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

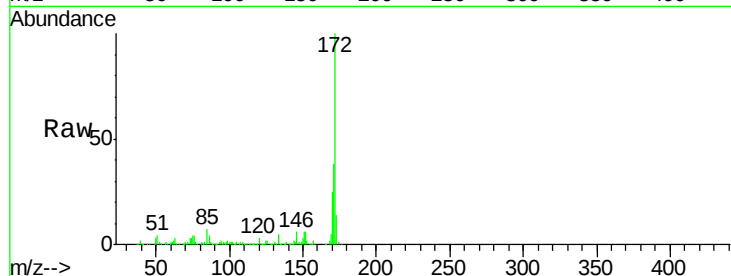




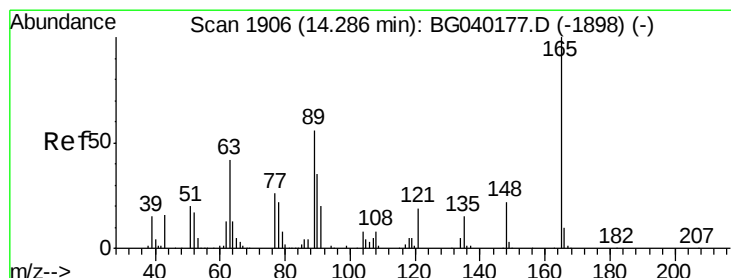
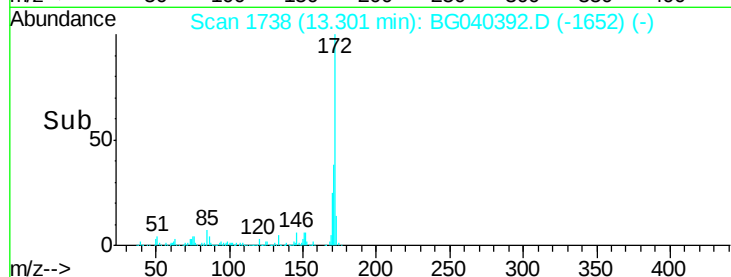
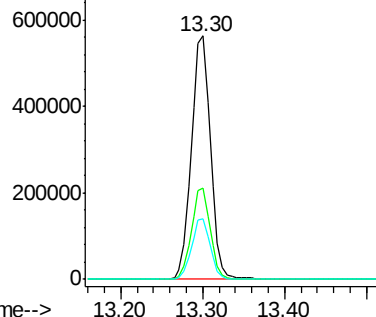
#45
2-Fluorobiphenyl
Concen: 88.166 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040392.D
Acq: 6 Apr 2019 1:05

Instrument :
BNA_G
ClientSampleId :
TWP-02

Tot Ion:172 Resp: 921144
Ion Ratio Lower Upper
172 100
171 37.6 30.5 45.7
170 25.1 20.1 30.1

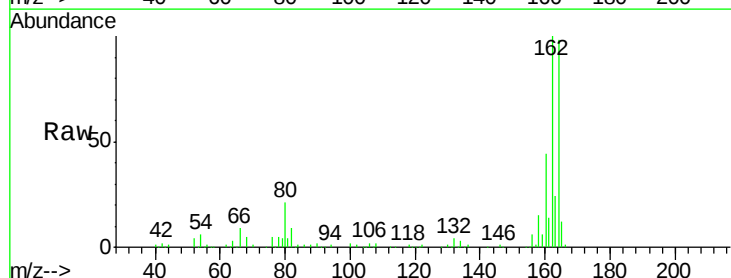


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

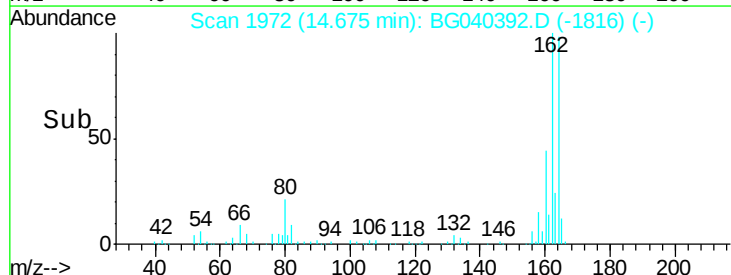
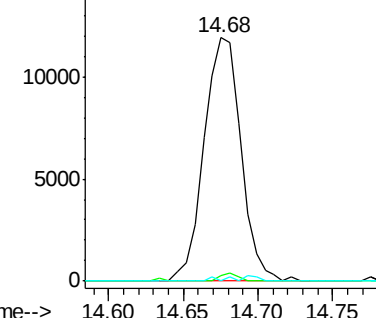


#51
2,6-Dinitrotoluene
Concen: 7.565 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040392.D
Acq: 6 Apr 2019 1:05

Tgt Ion:165 Resp: 20581
Ion Ratio Lower Upper
165 100
63 2.3 44.1 66.1#
89 0.0 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

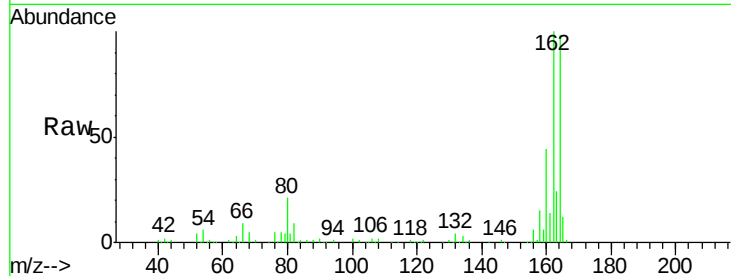




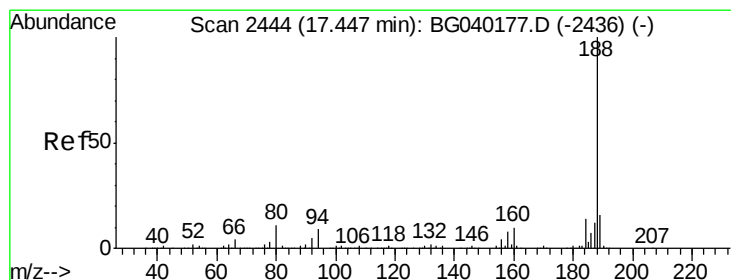
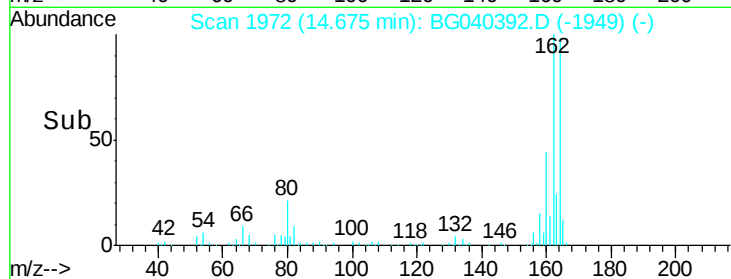
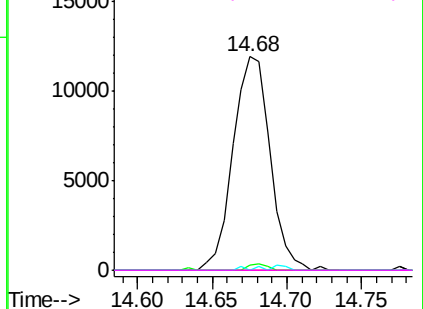
#57
 2,4-Dinitrotoluene
 Concen: 5.444 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040392.D
 Acq: 6 Apr 2019 1:05

Instrument :
 BNA_G
 ClientSampleId :
 TWP-02

Tot Ion:165 Resp: 20581
 Ion Ratio Lower Upper
 165 100
 63 2.3 33.8 50.6#
 89 0.0 55.4 83.2#
 182 0.0 2.2 3.4#

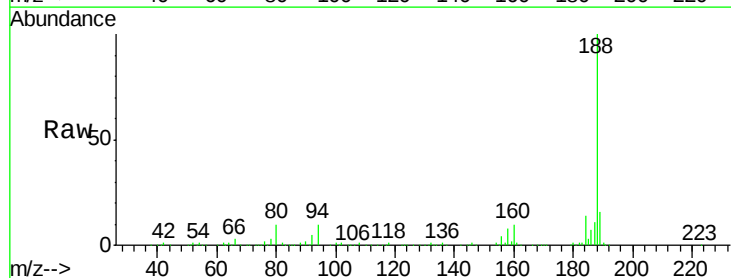


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

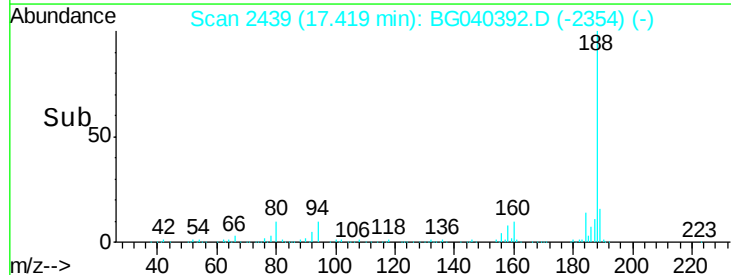
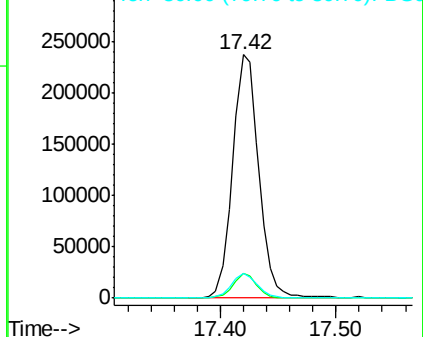


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040392.D
 Acq: 6 Apr 2019 1:05

Tgt Ion:188 Resp: 371181
 Ion Ratio Lower Upper
 188 100
 94 10.0 7.0 10.4
 80 10.1 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: 3.039 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.47 min

Lab File: BG040392.D

Acq: 6 Apr 2019 1:05

Instrument :

BNA_G

ClientSampleId :

TWP-02

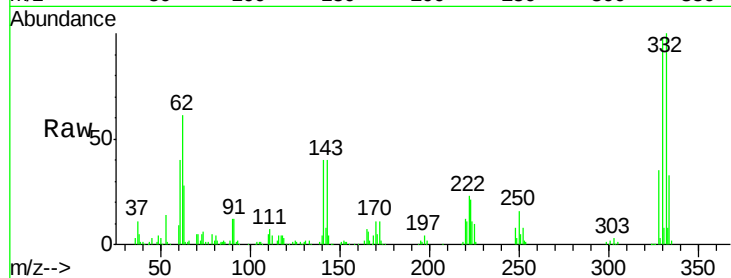
Tot Ion:248 Resp: 12695

Ion Ratio Lower Upper

248 100

250 190.9 76.4 114.6#

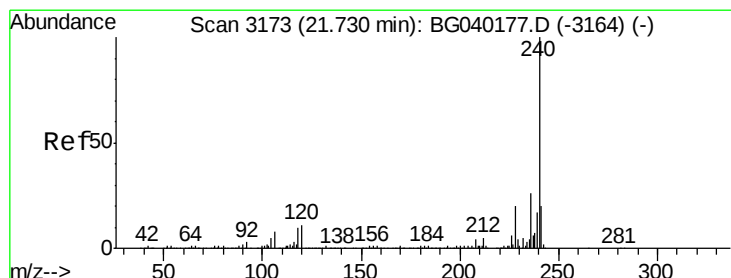
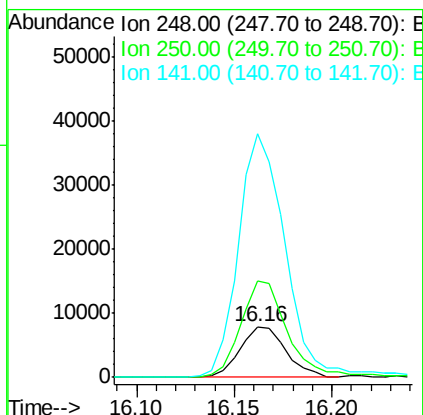
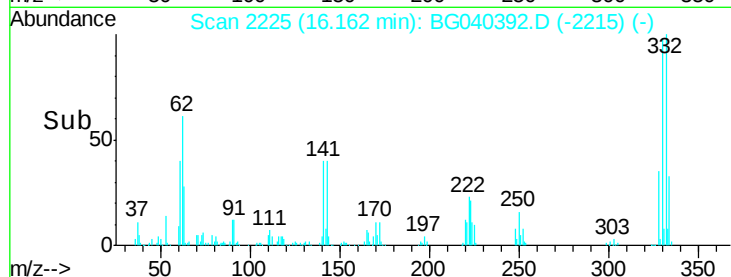
141 481.5 53.8 80.8#



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: BG040392.D

Acq: 6 Apr 2019 1:05

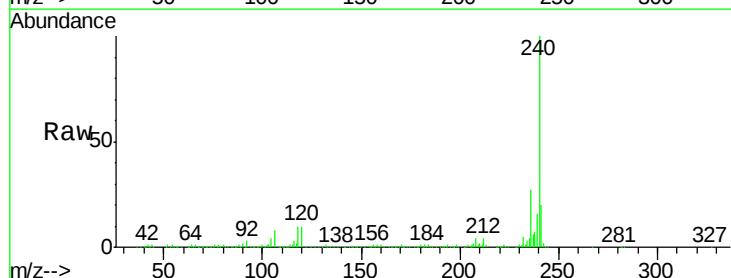
Tgt Ion:240 Resp: 419397

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

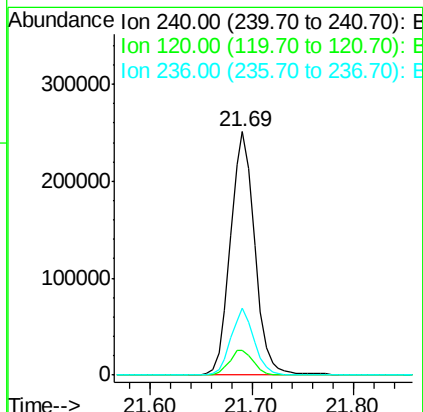
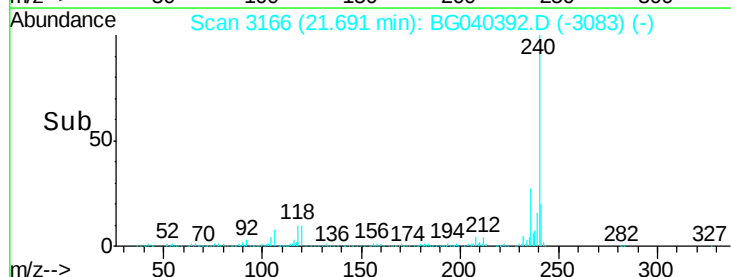
236 27.4 20.8 31.2



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: 75.308 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040392.D

Acq: 6 Apr 2019 1:05

Instrument :

BNA_G

ClientSampleId :

TWP-02

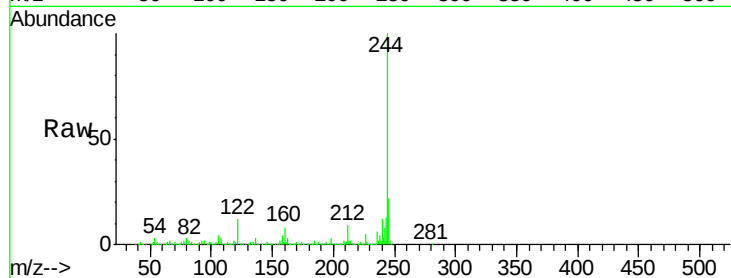
Tot Ion:244 Resp: 1403954

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

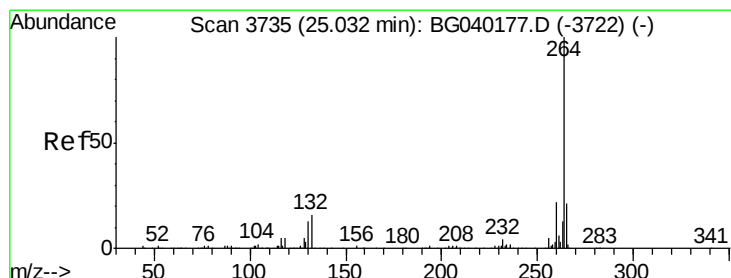
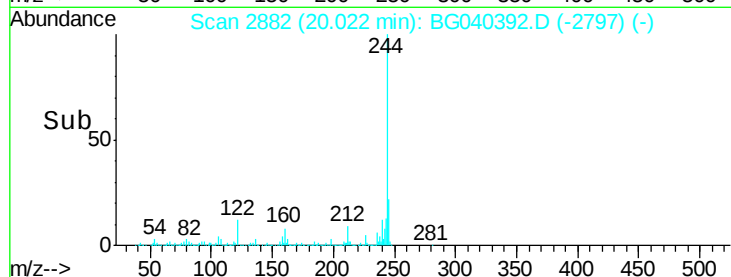
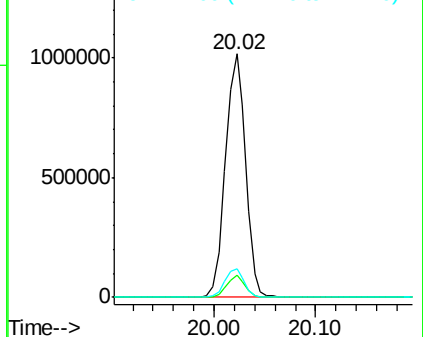
122 11.8 8.5 12.7



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: 24.96 min Scan# 3723

Delta R.T. -0.07 min

Lab File: BG040392.D

Acq: 6 Apr 2019 1:05

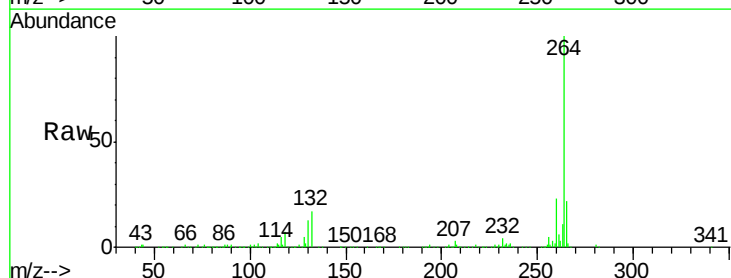
Tgt Ion:264 Resp: 424886

Ion Ratio Lower Upper

264 100

260 22.9 17.9 26.9

265 21.6 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

