

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041119\
 Data File : BG040441.D
 Acq On : 11 Apr 2019 14:48
 Operator : JU/SJ
 Sample : K2346-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:25:13 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

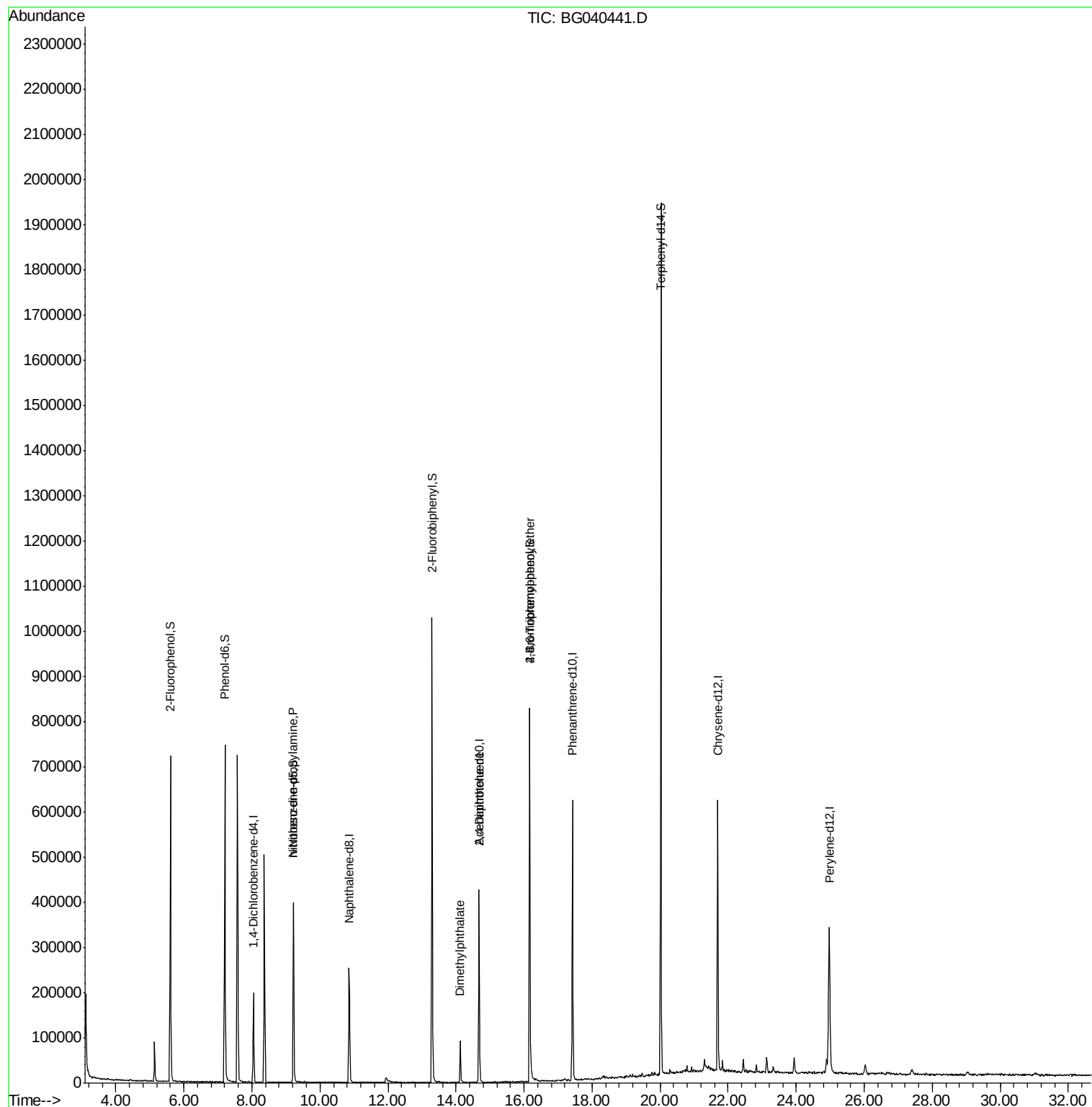
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58868	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	234833	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	149442	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	391536	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	382558	20.00	ng	-0.04
87) Perylene-d12	24.97	264	381753	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	321395	90.76	ng	-0.02
7) Phenol-d6	7.20	99	454373	92.85	ng	-0.02
23) Nitrobenzene-d5	9.22	82	264587	59.89	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	168051	104.05	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	573592	56.87	ng	-0.03
79) Terphenyl-d14	20.02	244	925848	54.44	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	32938	9.387	ng	# 72
50) Dimethylphthalate	14.12	163	68292	5.839	ng	# 98
57) 2,4-Dinitrotoluene	14.68	165	19518	5.349	ng	# 27
67) 4-Bromophenyl-phenylether	16.16	248	12782	2.901	ng	# 1

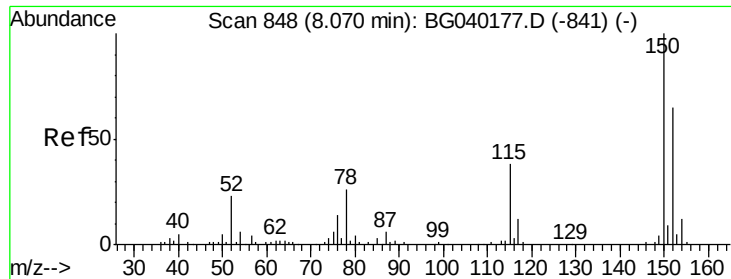
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
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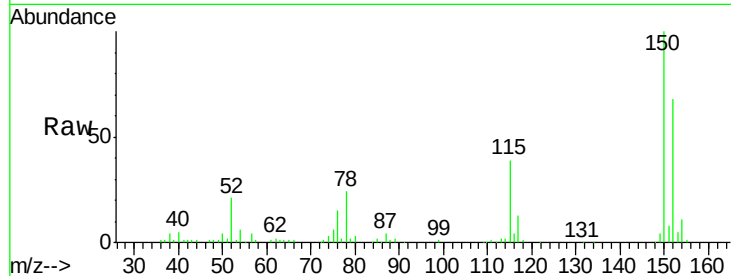


#1

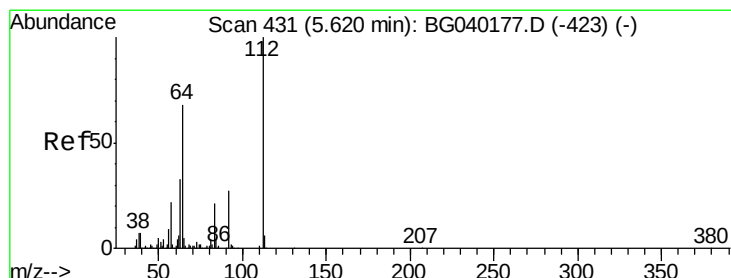
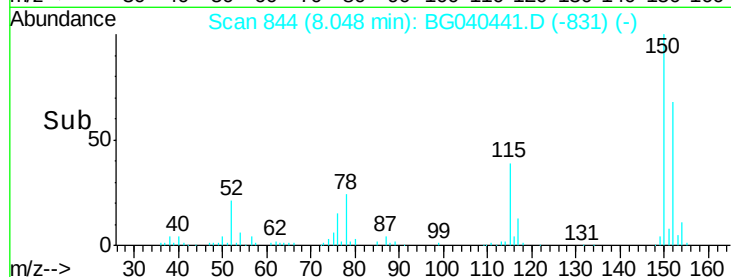
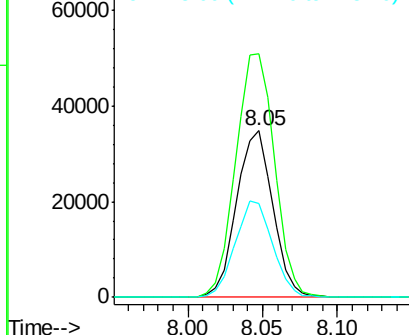
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040441.D
Acq: 11 Apr 2019 14:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58868
Ion Ratio Lower Upper
152 100
150 146.0 123.7 185.5
115 56.5 46.9 70.3



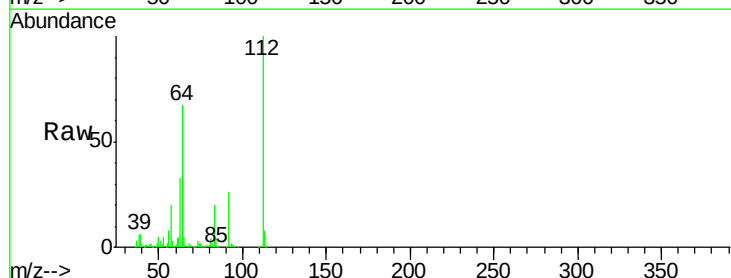
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



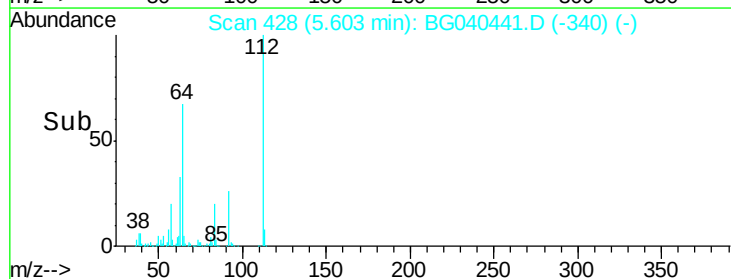
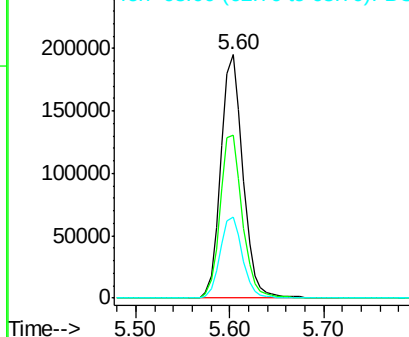
#5

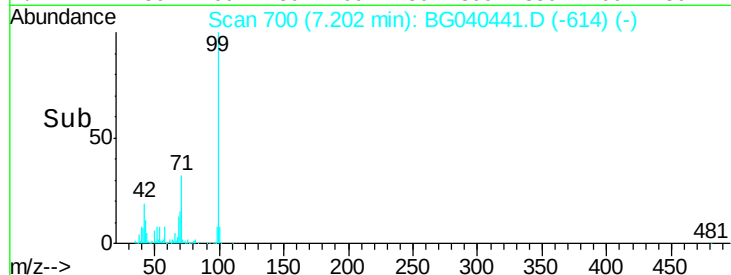
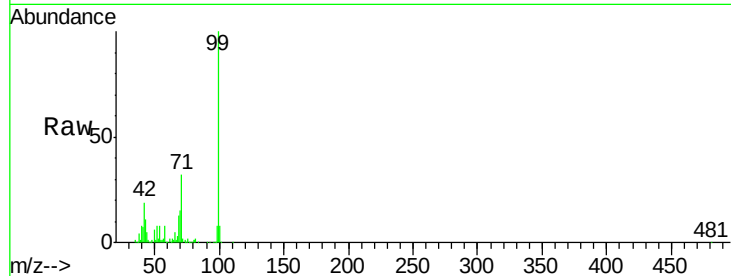
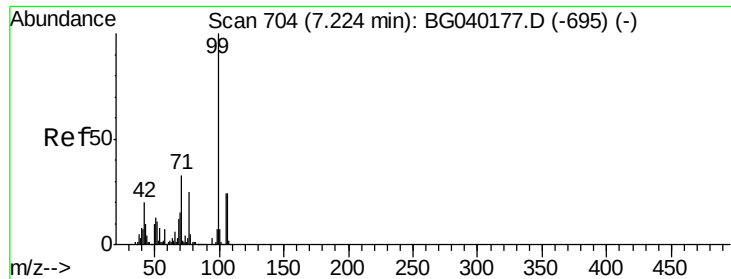
2-Fluorophenol
Concen: 90.761 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040441.D
Acq: 11 Apr 2019 14:48

Tgt Ion:112 Resp: 321395
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.2
63 33.3 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: 92.845 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

Instrument :

BNA_G

ClientSampleId :

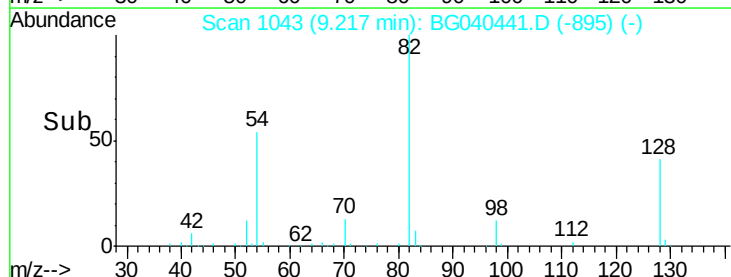
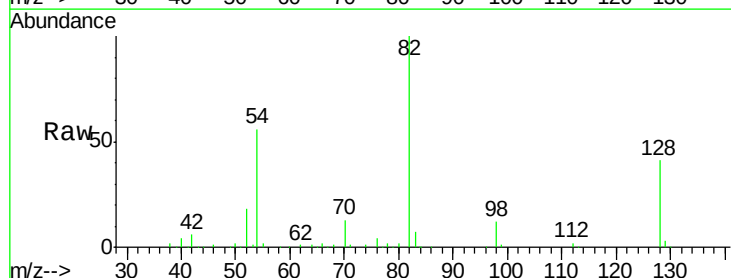
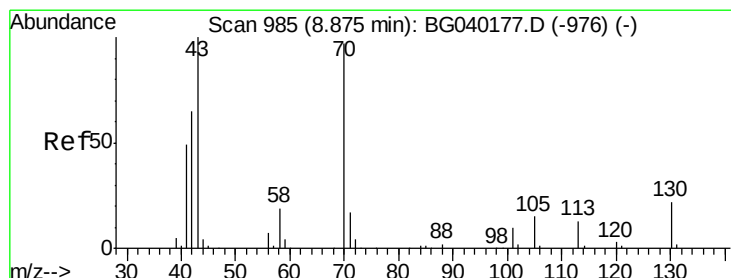
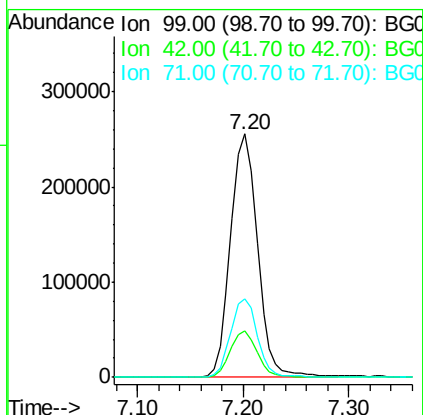
Tot Ion: 99 Resp: 454373

Ion Ratio Lower Upper

99 100

42 19.2 16.2 24.2

71 32.5 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 9.387 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

Tgt Ion: 70 Resp: 32938

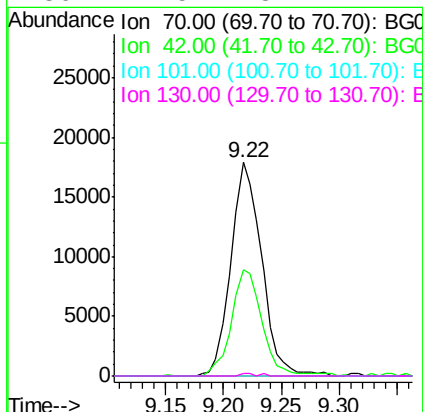
Ion Ratio Lower Upper

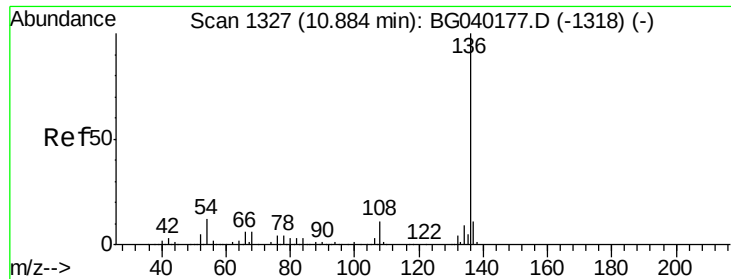
70 100

42 49.6 54.0 81.0#

101 0.0 8.6 13.0#

130 1.5 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: BG040441.D

Acq: 11 Apr 2019 14:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 234833

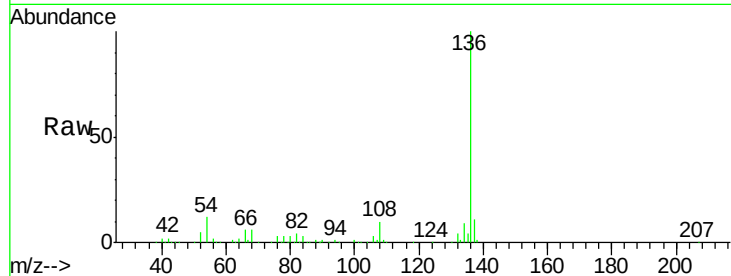
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 11.6 9.6 14.4

68 6.0 5.1 7.7

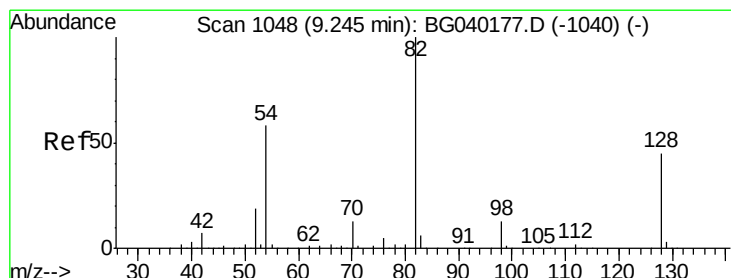
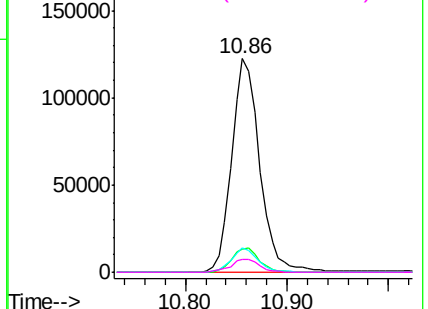
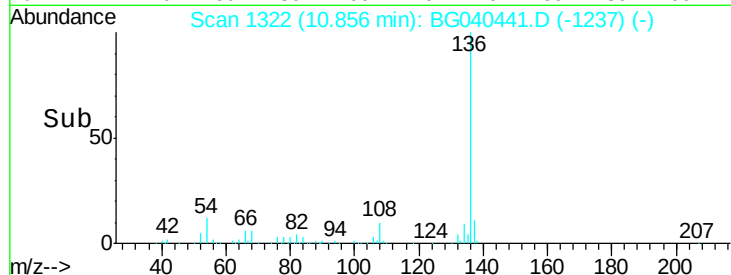


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.888 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

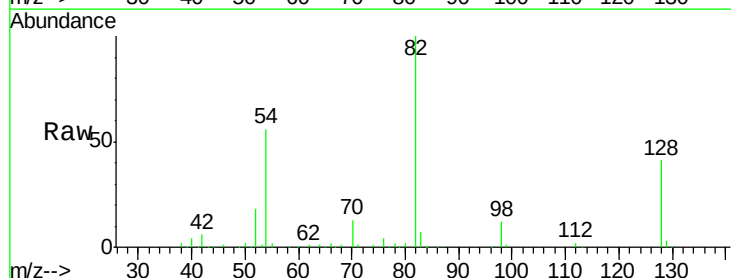
Tgt Ion: 82 Resp: 264587

Ion Ratio Lower Upper

82 100

128 41.5 35.8 53.8

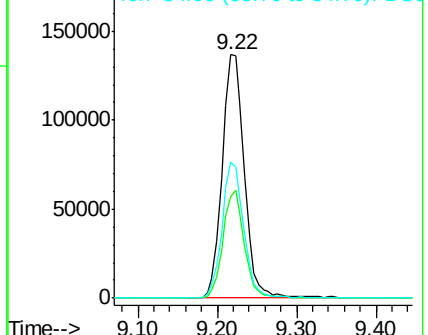
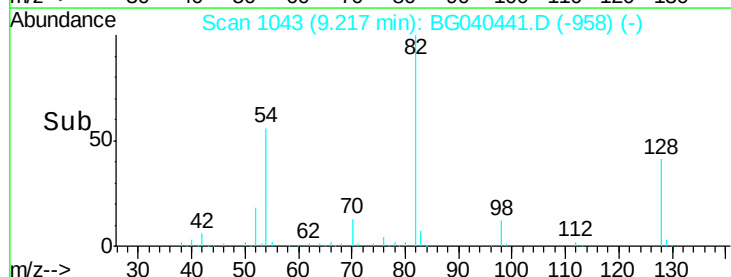
54 55.7 46.2 69.2

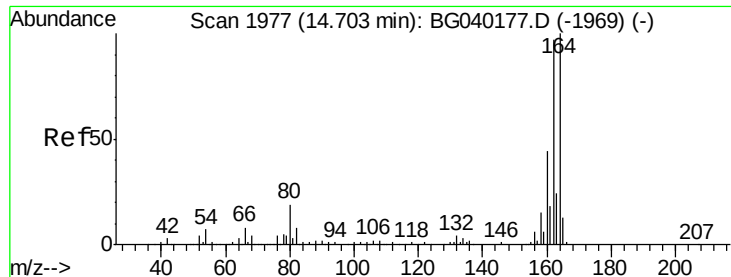


Abundance Ion 82.00 (81.70 to 82.70): BGC

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# 1972

Delta R.T. -0.03 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

Instrument :

BNA_G

ClientSampleId :

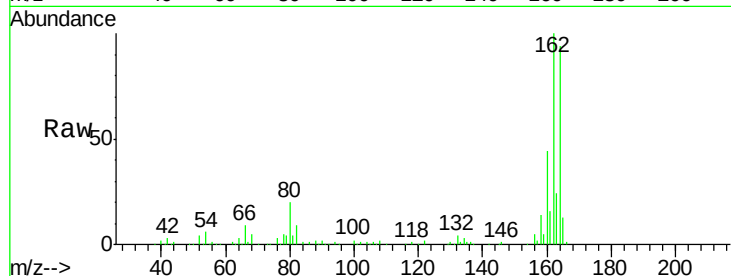
Tot Ion:164 Resp: 149442

Ion Ratio Lower Upper

164 100

162 105.9 77.4 116.2

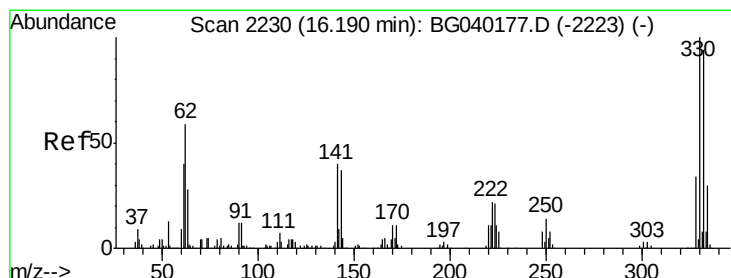
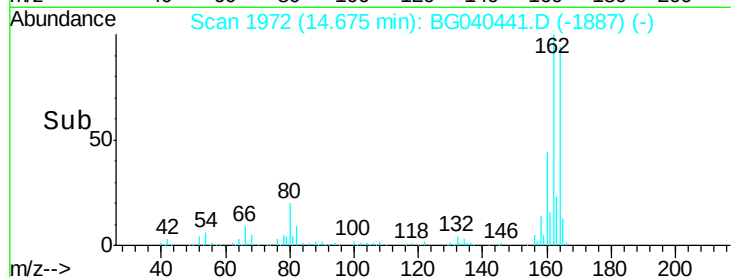
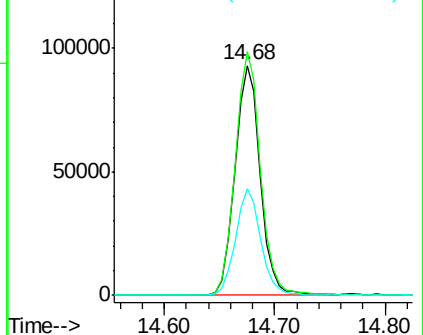
160 46.2 35.3 52.9



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: 104.051 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

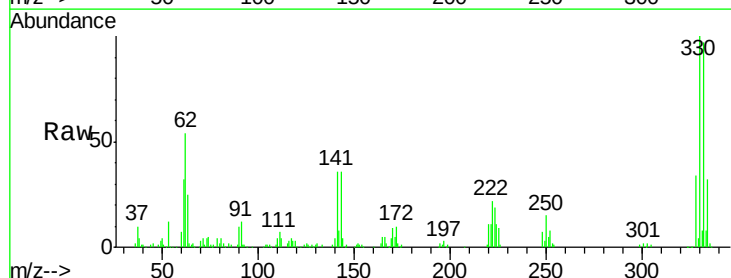
Tgt Ion:330 Resp: 168051

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

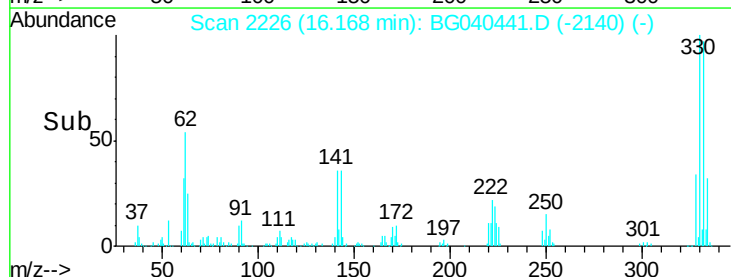
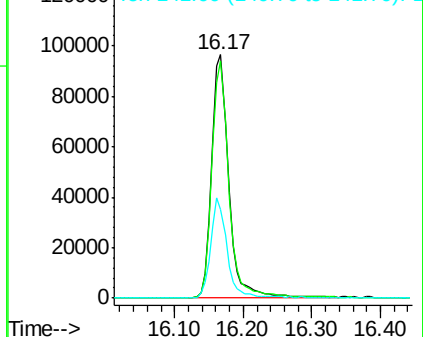
141 39.0 32.6 48.8

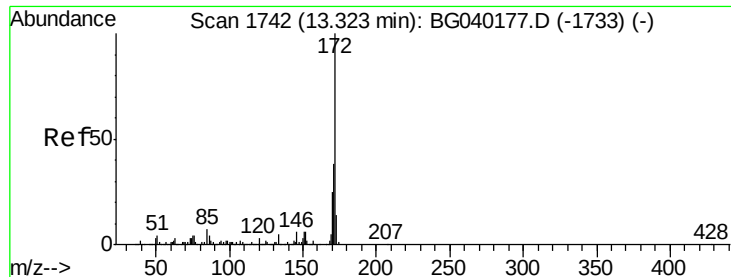


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 56.873 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

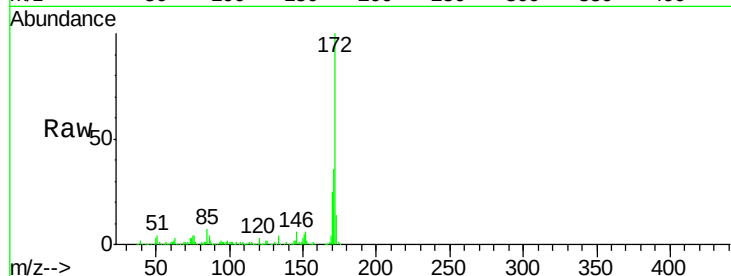
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 573592

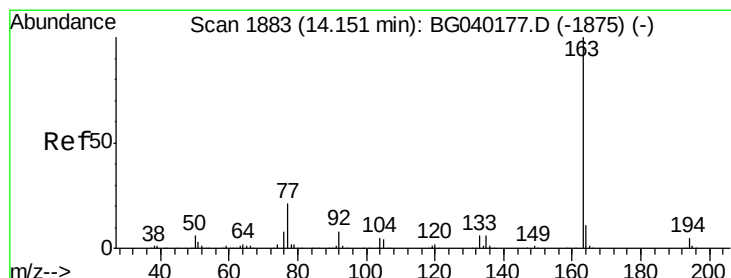
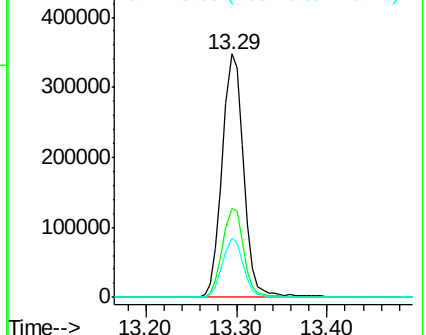
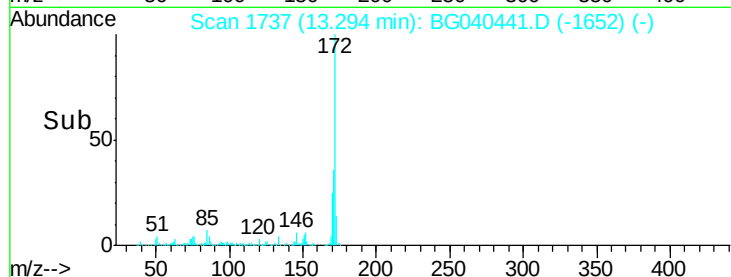
Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	24.6	20.1	30.1



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



#50

Dimethylphthalate

Concen: 5.839 ng

RT: 14.12 min Scan# 1878

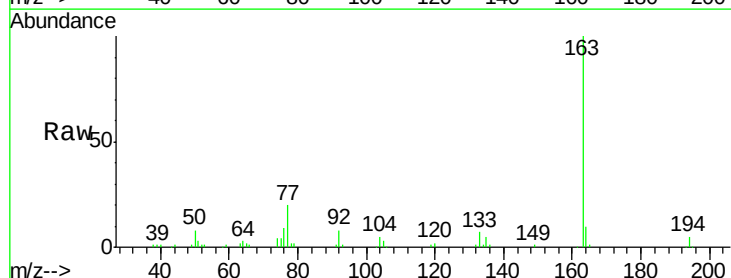
Delta R.T. -0.03 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

Tgt Ion:163 Resp: 68292

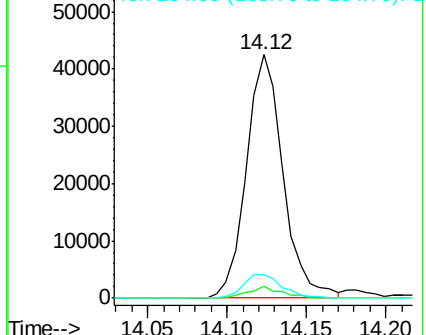
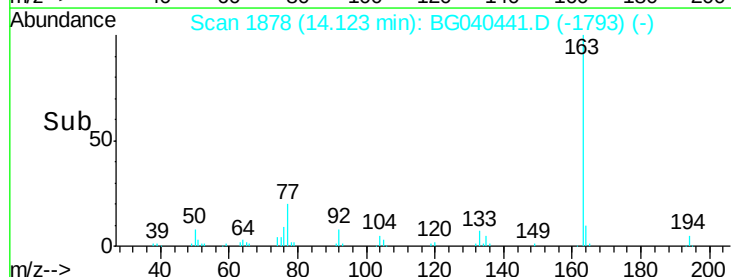
Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.1	6.1
164	9.8	8.6	13.0

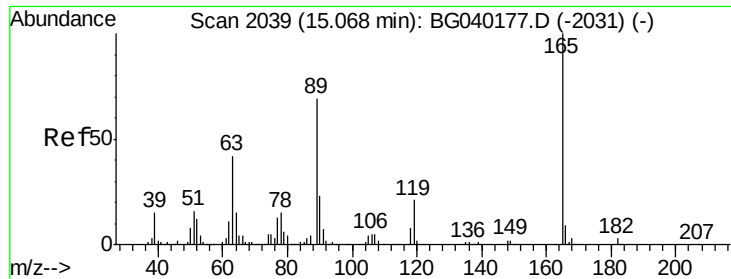


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

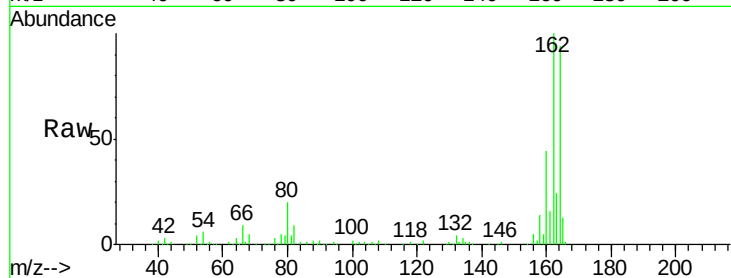




#57
 2,4-Dinitrotoluene
 Concen: 5.349 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040441.D
 Acq: 11 Apr 2019 14:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	19518
Ion Ratio	Lower	Upper
165	100	
63	1.9	33.8 50.6#
89	2.3	55.4 83.2#
182	0.0	2.2 3.4#

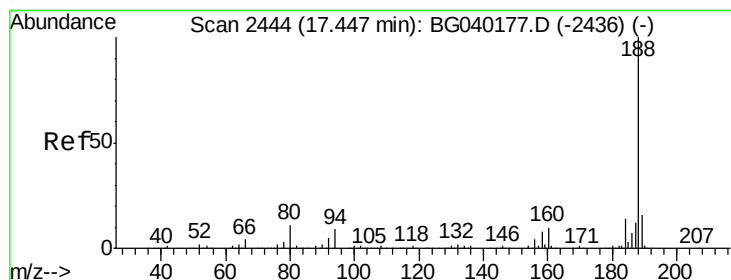
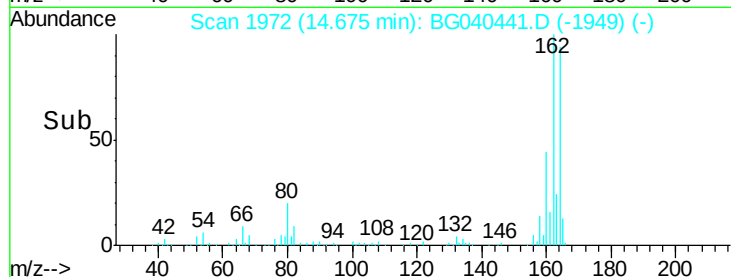
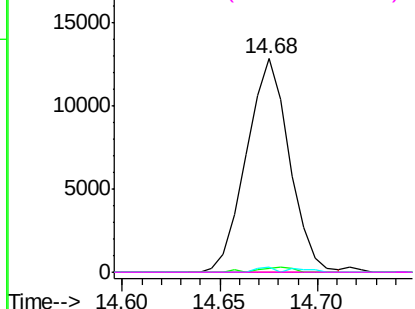


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

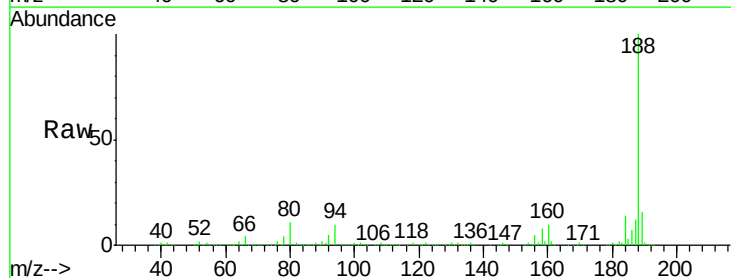
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040441.D
 Acq: 11 Apr 2019 14:48

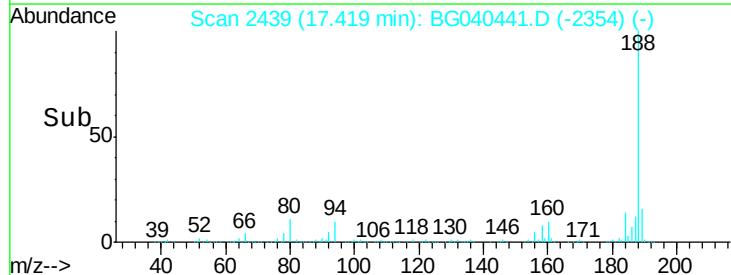
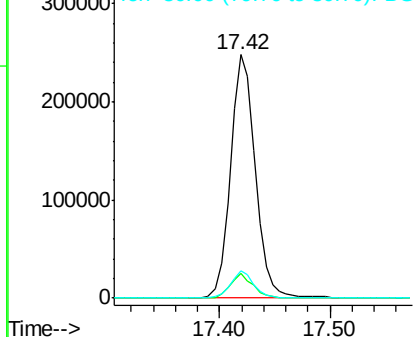
Tgt Ion:188	Resp:	391536
Ion Ratio	Lower	Upper
188	100	
94	10.0	7.0 10.4
80	11.4	8.6 13.0

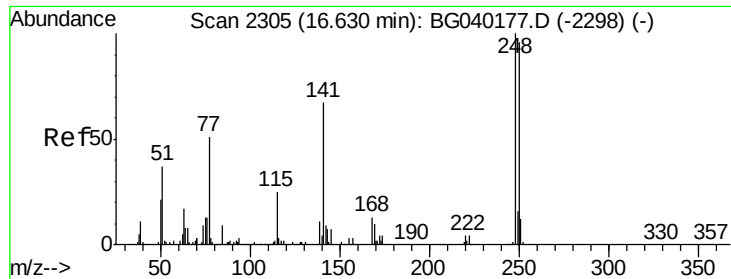


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

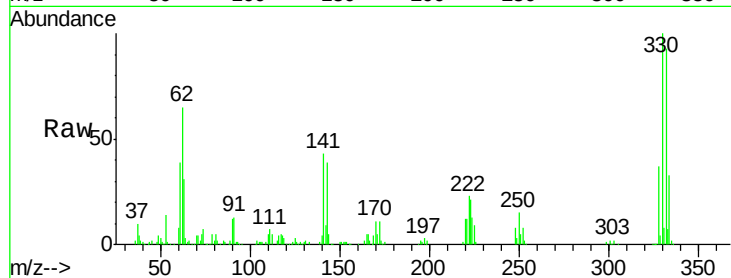




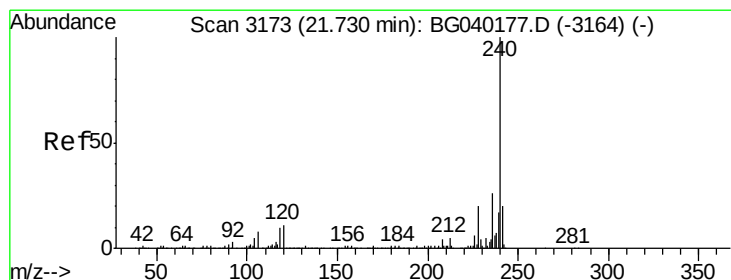
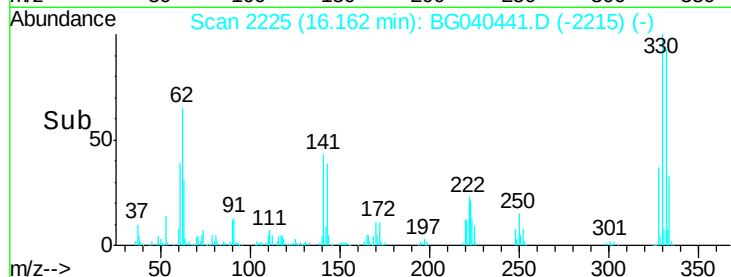
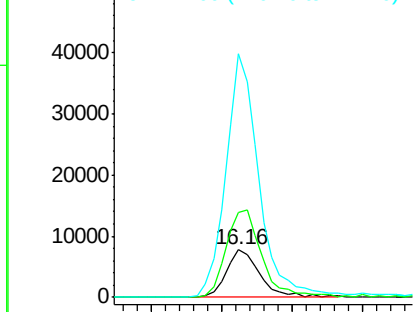
#67
 4-Bromophenyl-phenylether
 Concen: 2.901 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.47 min
 Lab File: BG040441.D
 Acq: 11 Apr 2019 14:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 12782
 Ion Ratio Lower Upper
 248 100
 250 178.9 76.4 114.6#
 141 516.1 53.8 80.8#

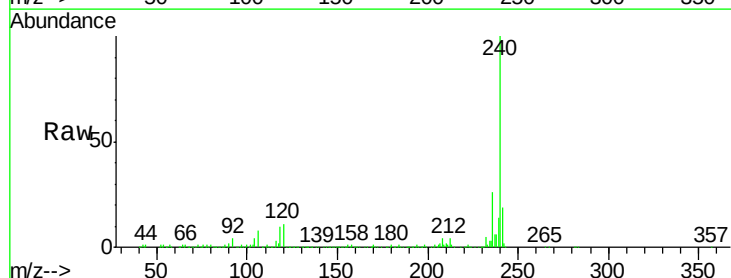


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

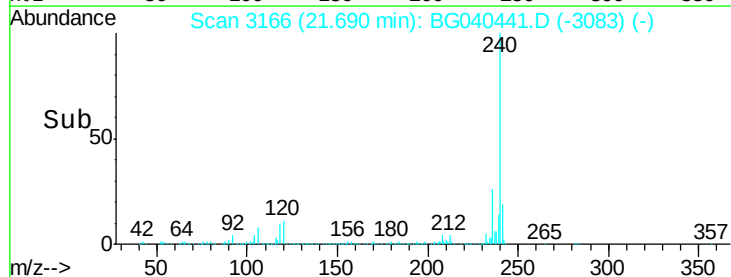
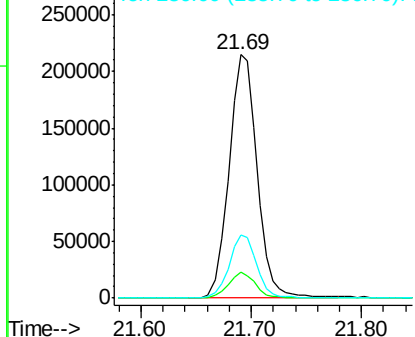


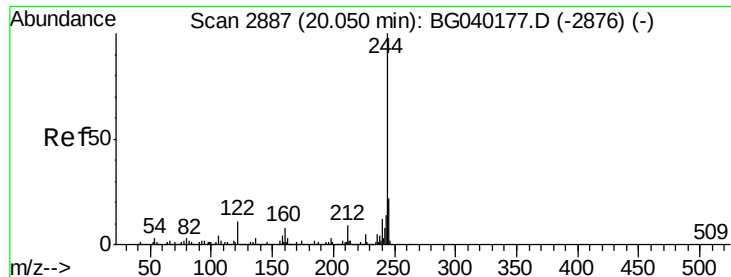
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040441.D
 Acq: 11 Apr 2019 14:48

Tgt Ion:240 Resp: 382558
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.4 12.6
 236 25.7 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: 54.445 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

Instrument :

BNA_G

ClientSampled :

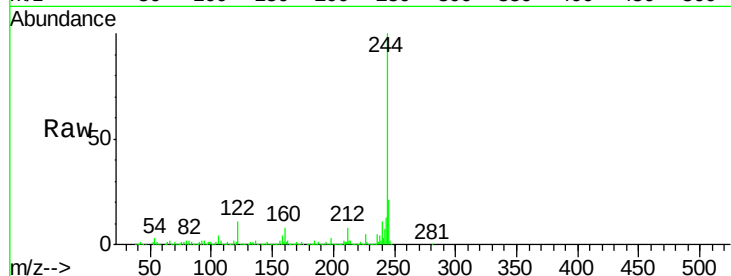
Tot Ion:244 Resp: 925848

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

122 10.8 8.5 12.7

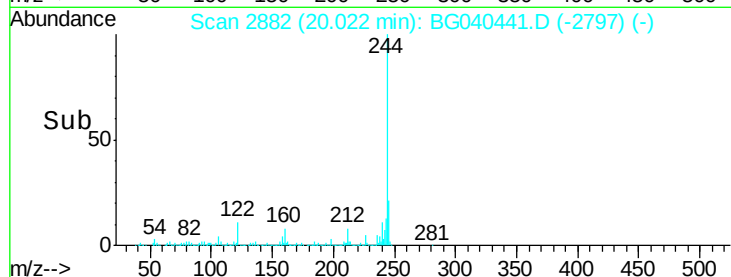


Abundance Ion 244.00 (243.70 to 244.70): E

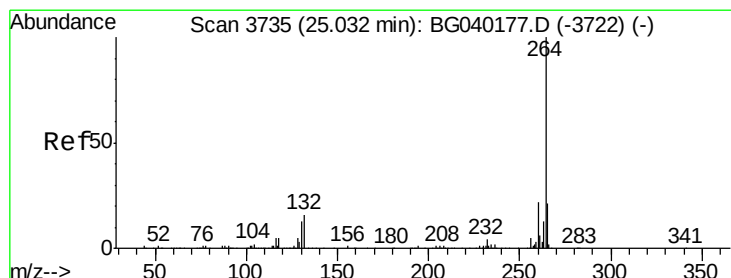
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.02



Time--> 19.90 20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040441.D

Acq: 11 Apr 2019 14:48

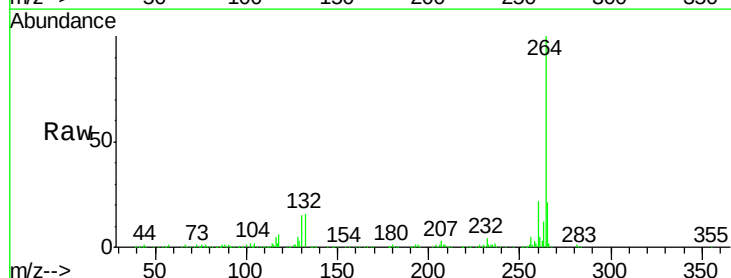
Tgt Ion:264 Resp: 381753

Ion Ratio Lower Upper

264 100

260 21.6 17.9 26.9

265 21.4 16.8 25.2

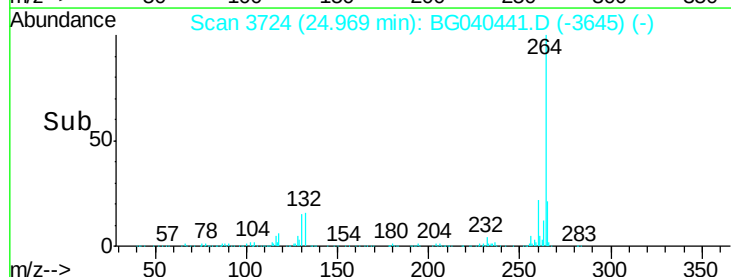


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.97



Time--> 24.80 24.90 25.00 25.10