

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041619\
 Data File : BG040510.D
 Acq On : 16 Apr 2019 19:30
 Operator : JU/SJ
 Sample : K2423-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 00:51:44 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

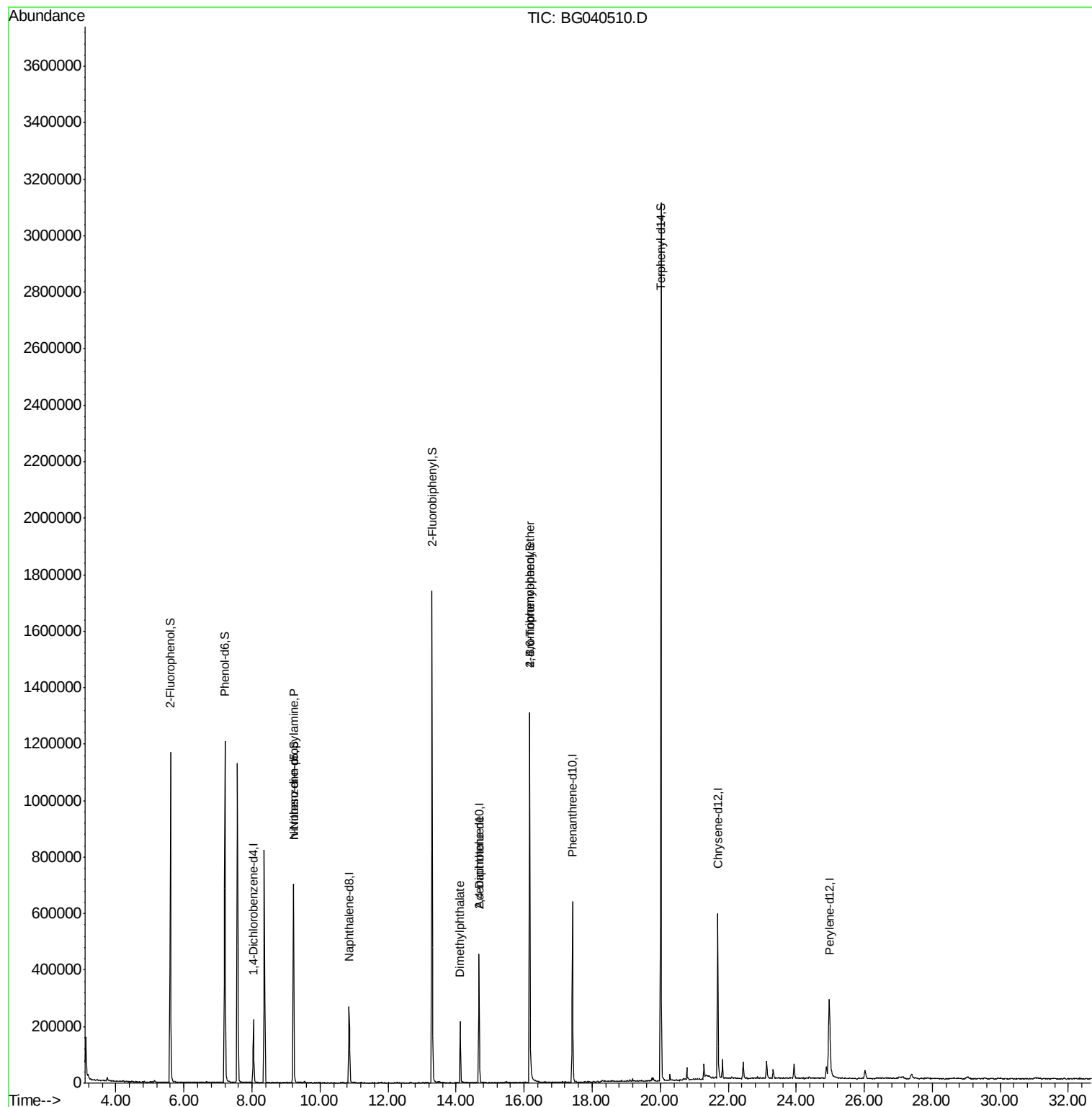
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62638	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	248656	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	159252	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	404907	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	360804	20.00	ng	-0.04
87) Perylene-d12	24.97	264	381217	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	513508	136.28	ng	-0.02
7) Phenol-d6	7.20	99	730360	140.26	ng	-0.02
23) Nitrobenzene-d5	9.22	82	442969	94.69	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	257187	149.43	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	944175	87.85	ng	-0.03
79) Terphenyl-d14	20.02	244	1407679	87.77	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	57795	15.480	ng	# 73
50) Dimethylphthalate	14.12	163	156979	12.595	ng	# 96
57) 2,4-Dinitrotoluene	14.67	165	20619	5.302	ng	# 27
67) 4-Bromophenyl-phenylether	16.16	248	19814	4.348	ng	# 1

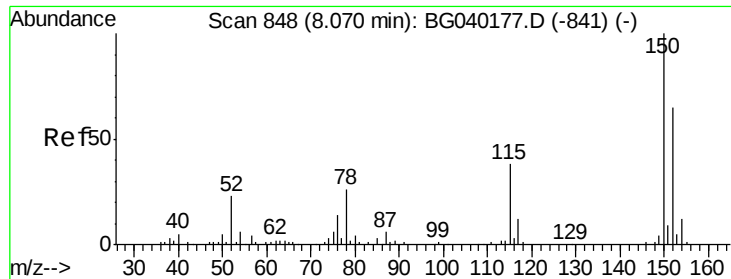
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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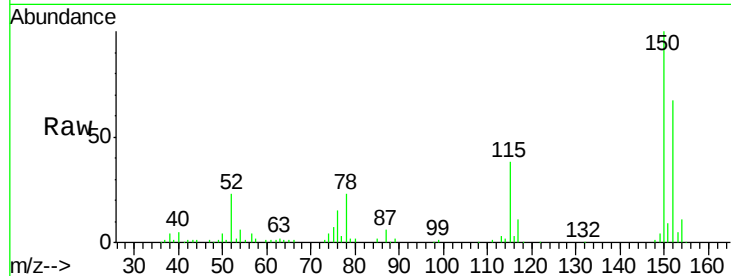


#1

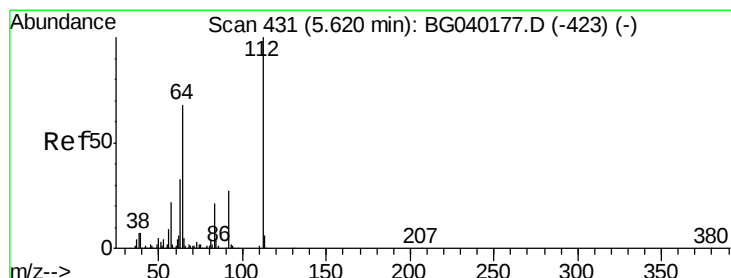
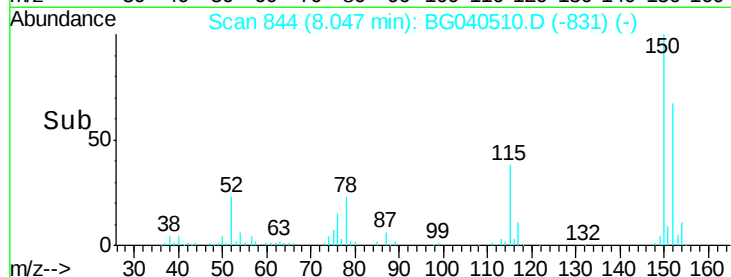
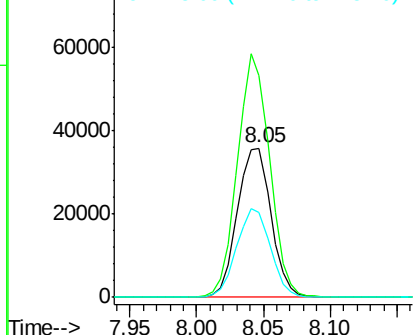
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040510.D
Acq: 16 Apr 2019 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62638
Ion Ratio Lower Upper
152 100
150 149.3 123.7 185.5
115 56.7 46.9 70.3



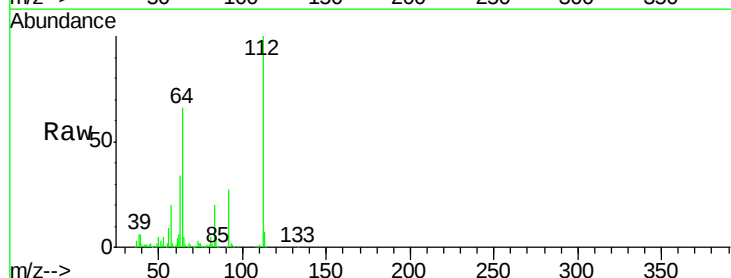
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



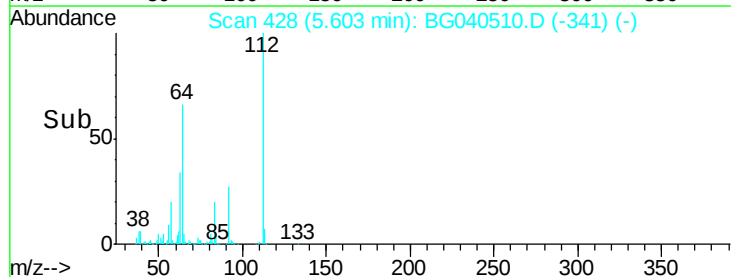
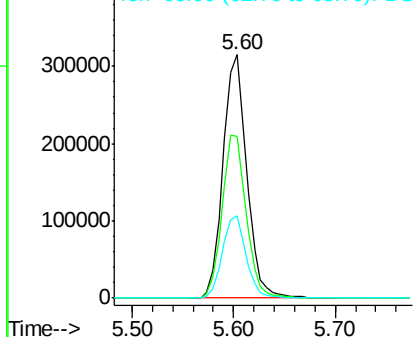
#5

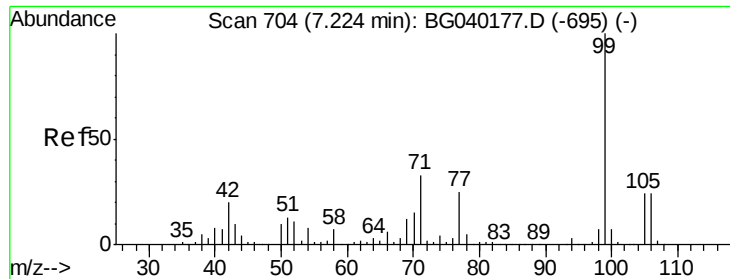
2-Fluorophenol
Concen: 136.285 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040510.D
Acq: 16 Apr 2019 19:30

Tgt Ion:112 Resp: 513508
Ion Ratio Lower Upper
112 100
64 66.4 54.2 81.2
63 33.6 26.4 39.6



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





#7

Phenol-d6

Concen: 140.257 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040510.D

Acq: 16 Apr 2019 19:30

Instrument :

BNA_G

ClientSampled :

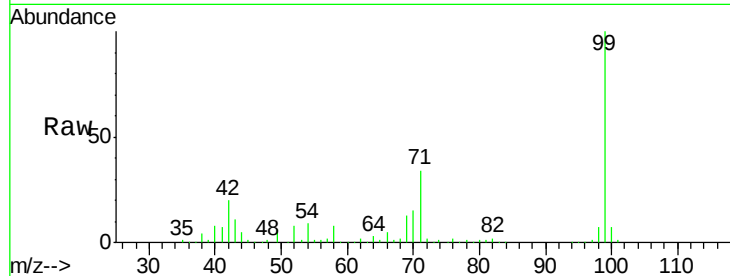
Tot Ion: 99 Resp: 730360

Ion Ratio Lower Upper

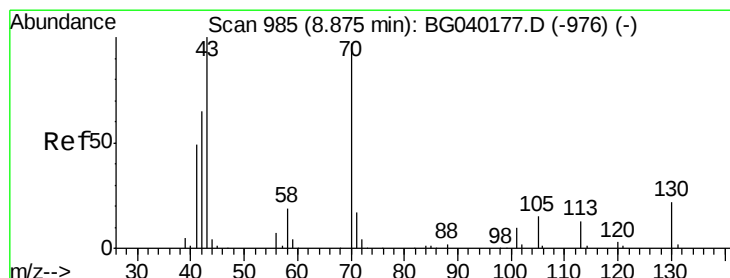
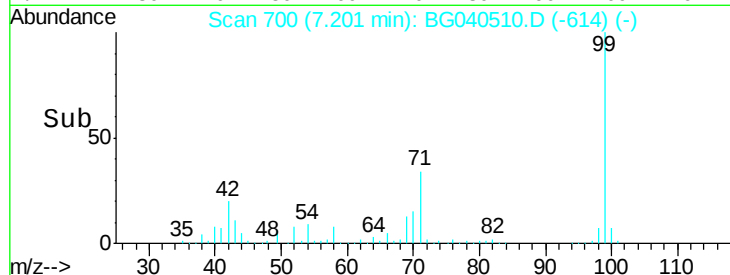
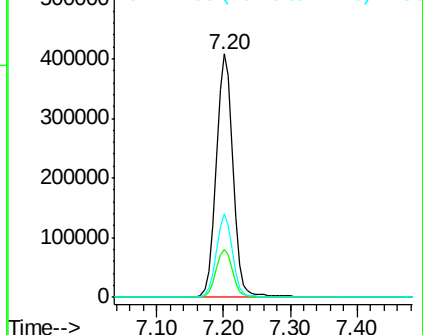
99 100

42 19.7 16.2 24.2

71 34.3 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: 15.480 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040510.D

Acq: 16 Apr 2019 19:30

Tgt Ion: 70 Resp: 57795

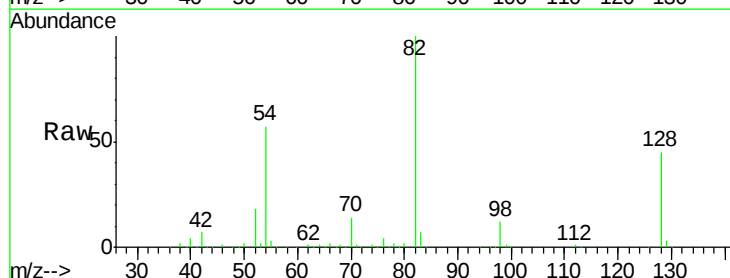
Ion Ratio Lower Upper

70 100

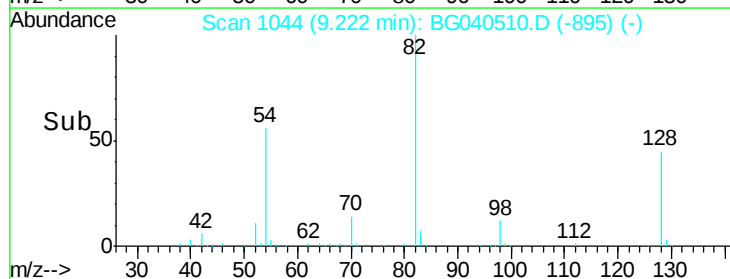
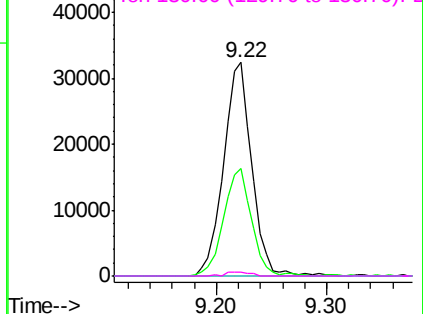
42 50.2 54.0 81.0#

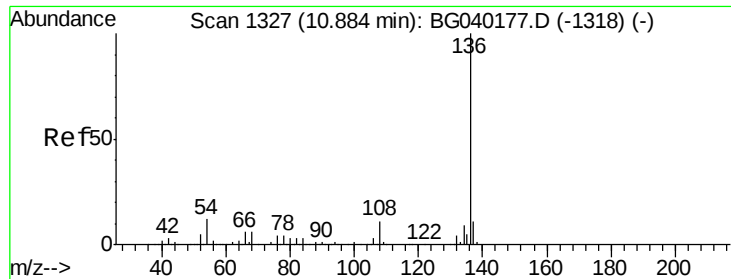
101 0.0 8.6 13.0#

130 2.0 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

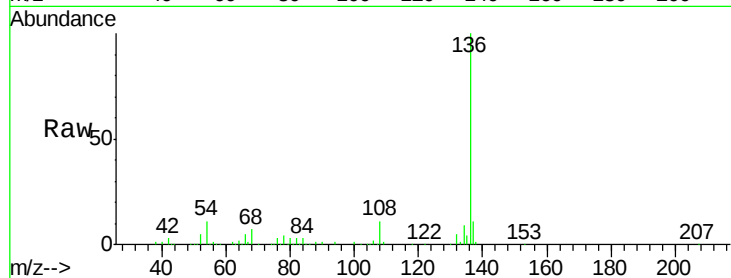




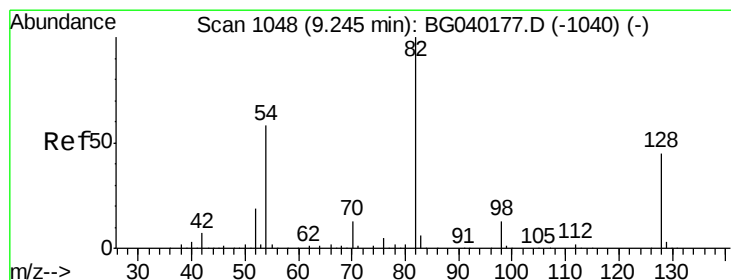
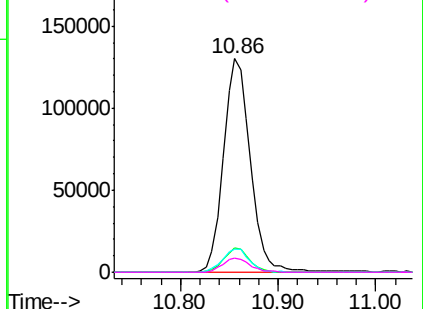
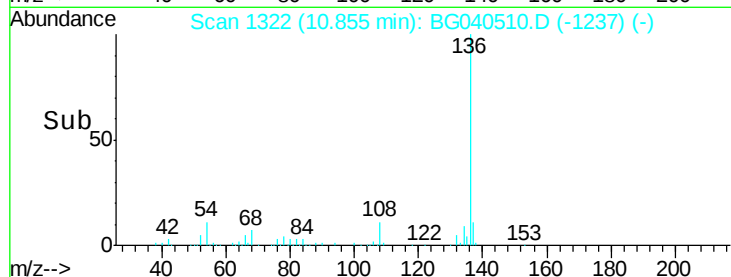
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040510.D
Acq: 16 Apr 2019 19:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	248656
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	10.7	9.6 14.4
68	6.9	5.1 7.7

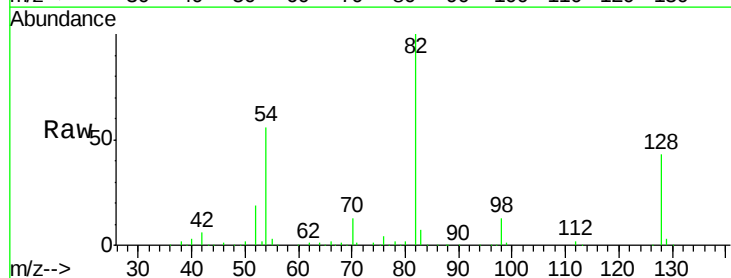


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

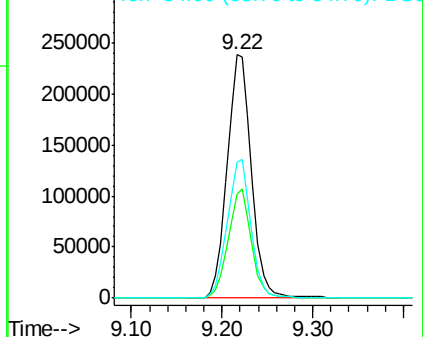
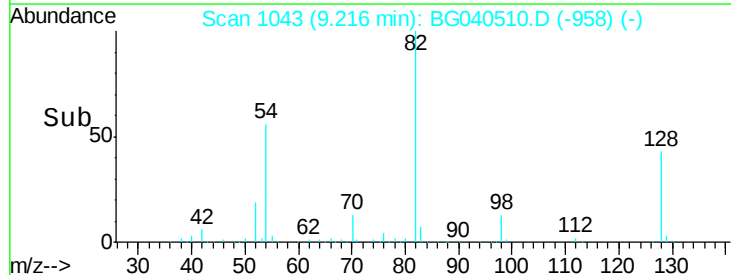


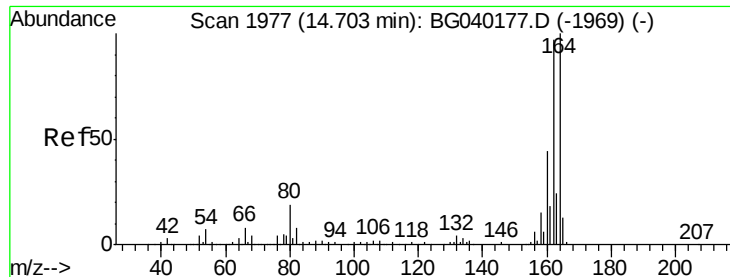
#23
Nitrobenzene-d5
Concen: 94.690 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040510.D
Acq: 16 Apr 2019 19:30

Tgt Ion: 82	Resp:	442969
Ion Ratio	Lower	Upper
82	100	
128	42.7	35.8 53.8
54	55.9	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: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040510.D

Acq: 16 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

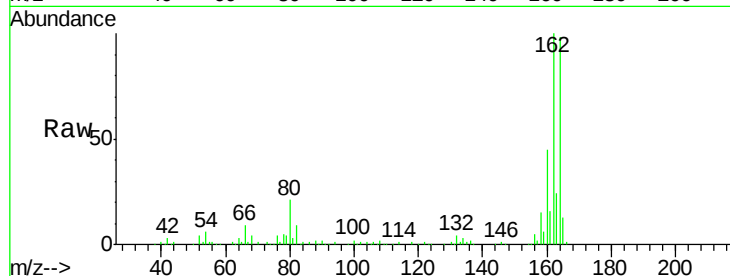
Tot Ion:164 Resp: 159252

Ion Ratio Lower Upper

164 100

162 102.6 77.4 116.2

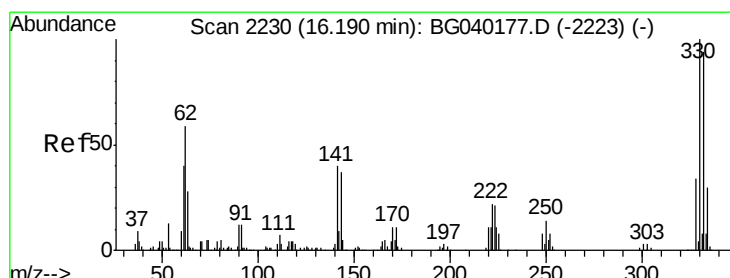
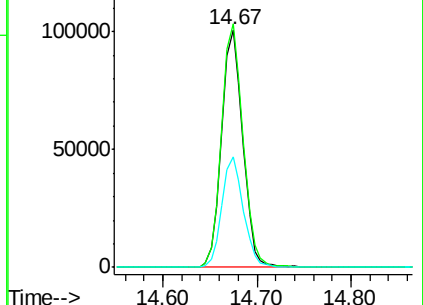
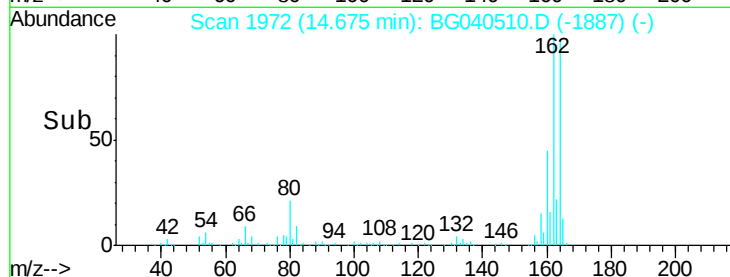
160 46.4 35.3 52.9



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: 149.432 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040510.D

Acq: 16 Apr 2019 19:30

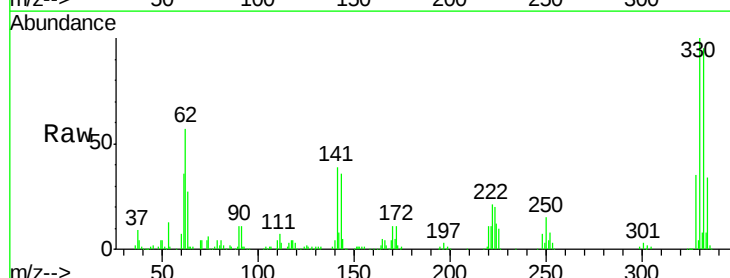
Tgt Ion:330 Resp: 257187

Ion Ratio Lower Upper

330 100

332 94.4 76.6 115.0

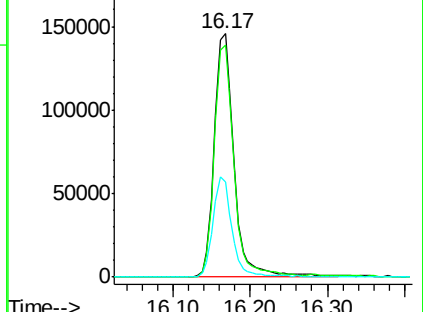
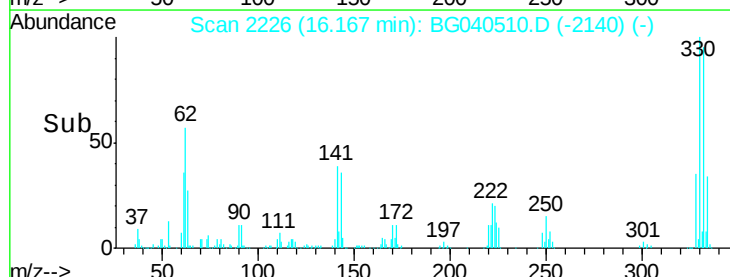
141 40.0 32.6 48.8

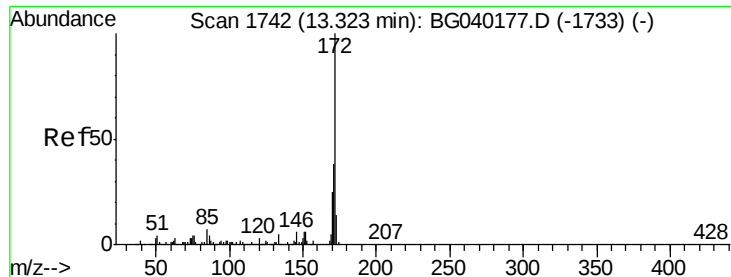


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 87.851 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040510.D

Acq: 16 Apr 2019 19:30

Instrument :

BNA_G

ClientSampleId :

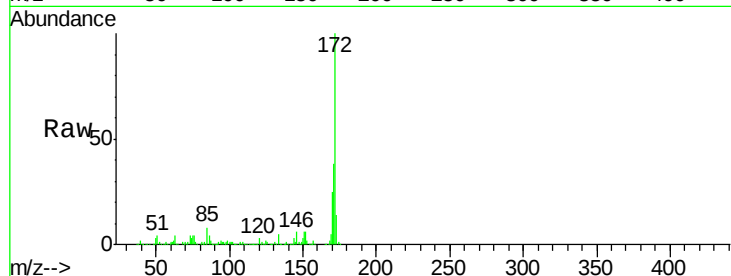
Tot Ion:172 Resp: 944175

Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

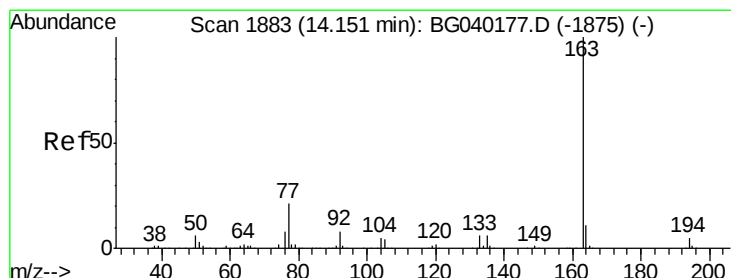
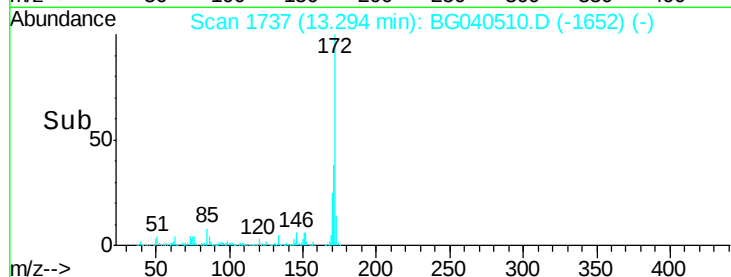
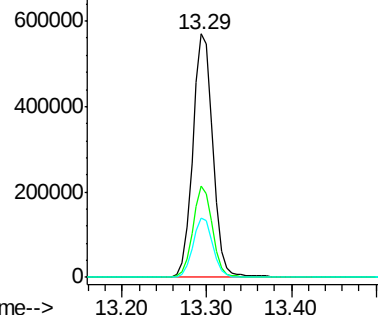
170 24.6 20.1 30.1



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: 12.595 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040510.D

Acq: 16 Apr 2019 19:30

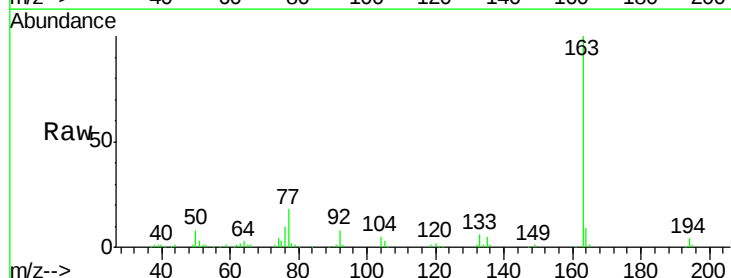
Tgt Ion:163 Resp: 156979

Ion Ratio Lower Upper

163 100

194 4.4 4.1 6.1

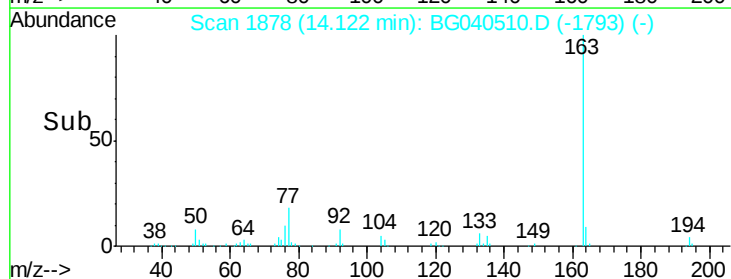
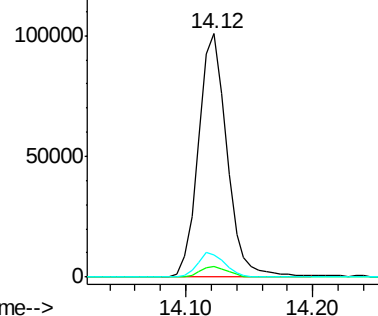
164 9.2 8.6 13.0

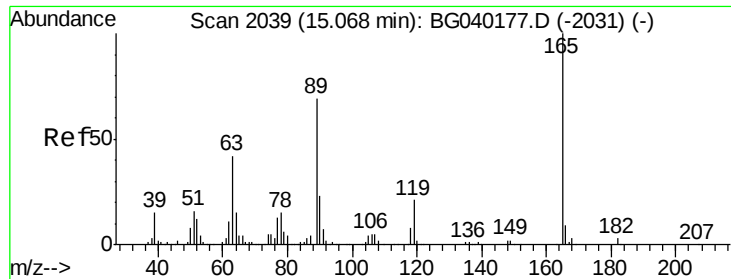


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

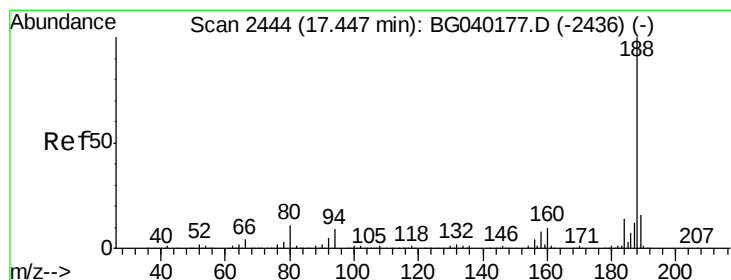
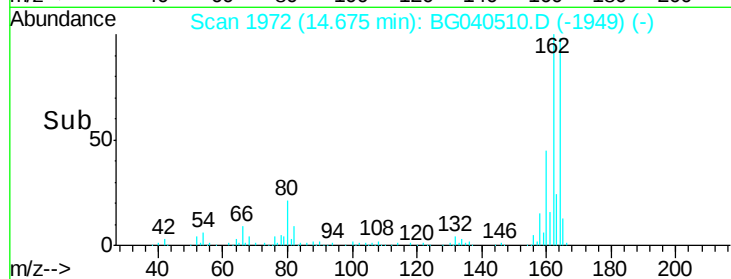
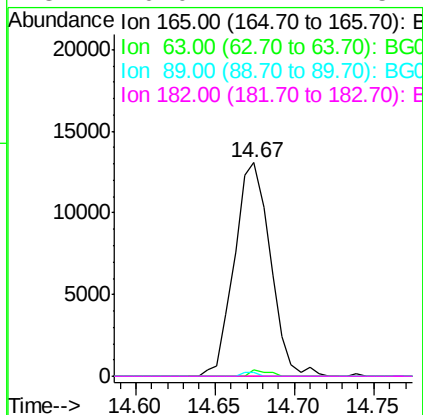
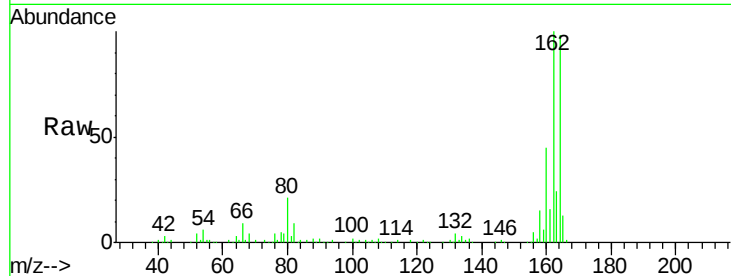




#57
 2,4-Dinitrotoluene
 Concen: 5.302 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040510.D
 Acq: 16 Apr 2019 19:30

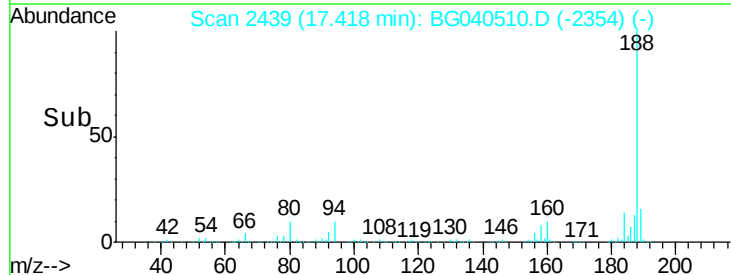
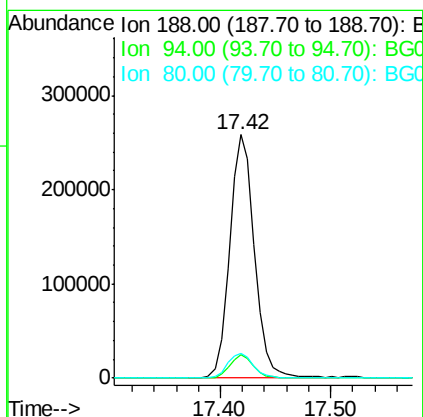
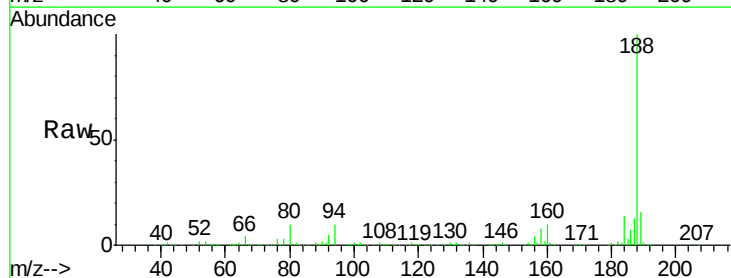
Instrument :
 BNA_G
 ClientSampleId :

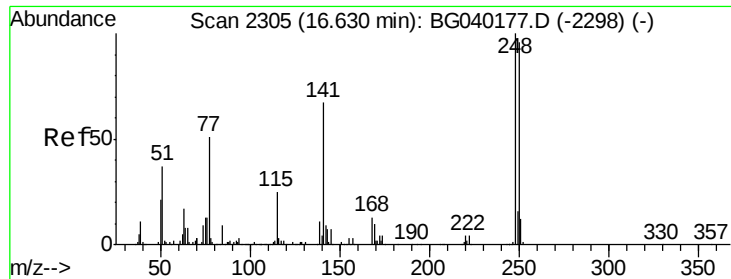
Tot Ion:165	Resp:	20619
Ion Ratio	Lower	Upper
165	100	
63	2.8	33.8 50.6#
89	2.1	55.4 83.2#
182	0.0	2.2 3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040510.D
 Acq: 16 Apr 2019 19:30

Tgt Ion:188	Resp:	404907
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.0 10.4
80	10.1	8.6 13.0

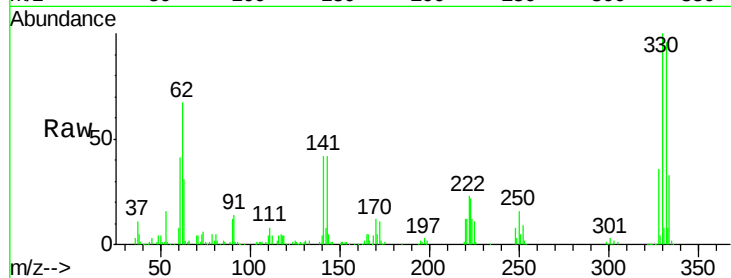




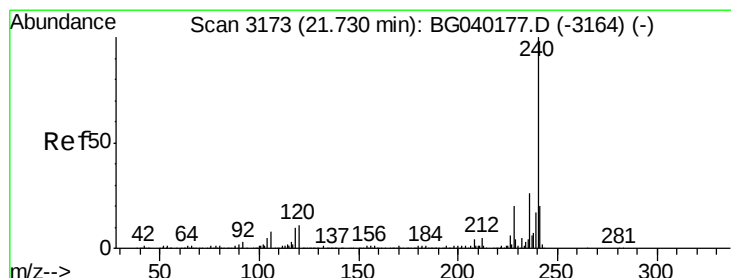
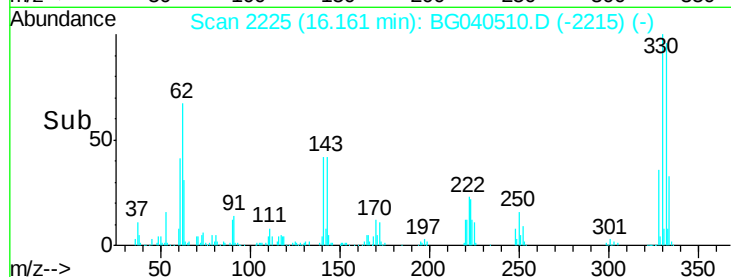
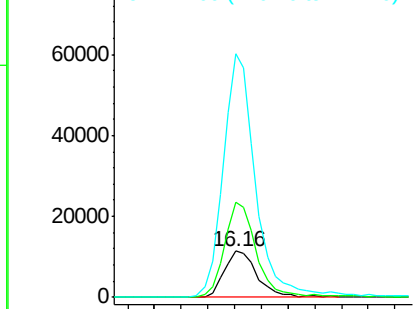
#67
 4-Bromophenyl-phenylether
 Concen: 4.348 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.47 min
 Lab File: BG040510.D
 Acq: 16 Apr 2019 19:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 19814
 Ion Ratio Lower Upper
 248 100
 250 205.2 76.4 114.6#
 141 527.6 53.8 80.8#

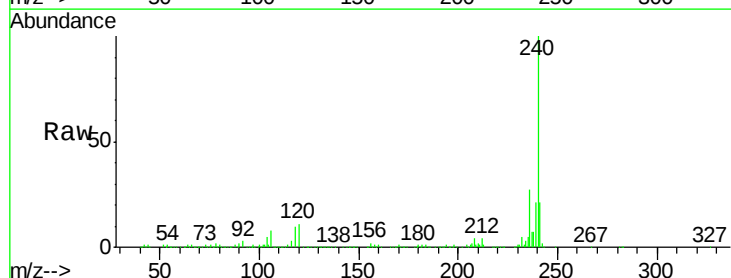


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

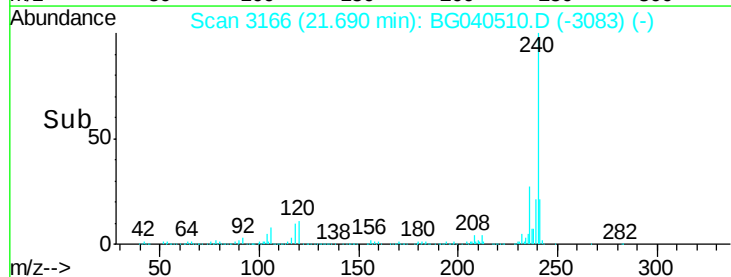
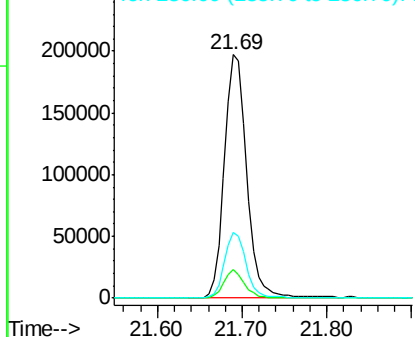


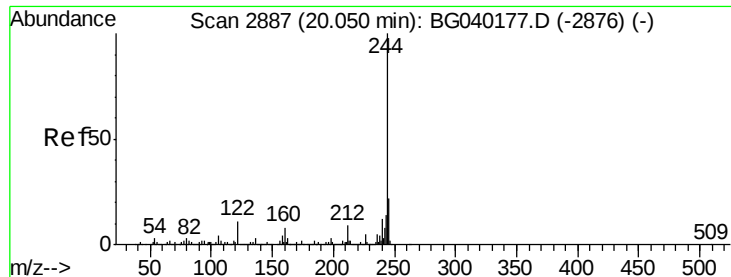
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040510.D
 Acq: 16 Apr 2019 19:30

Tgt Ion:240 Resp: 360804
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.4 12.6
 236 27.2 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: 87.770 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040510.D

Acq: 16 Apr 2019 19:30

Instrument :

BNA_G

ClientSampled :

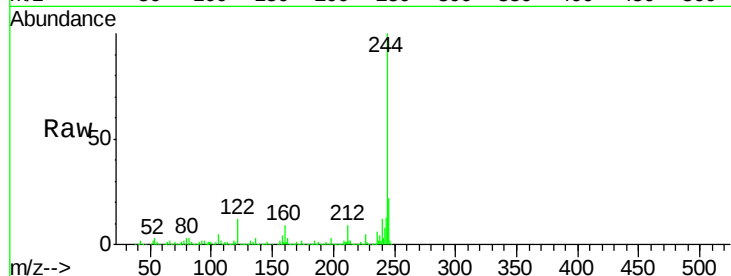
Tot Ion:244 Resp: 1407679

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

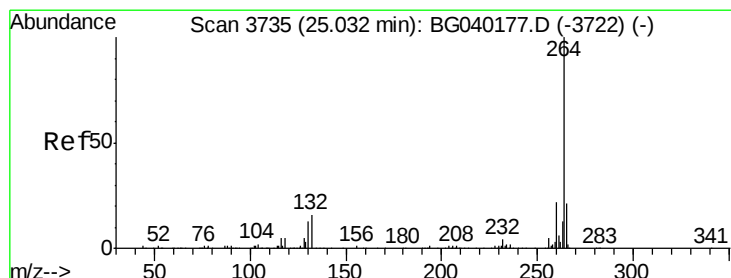
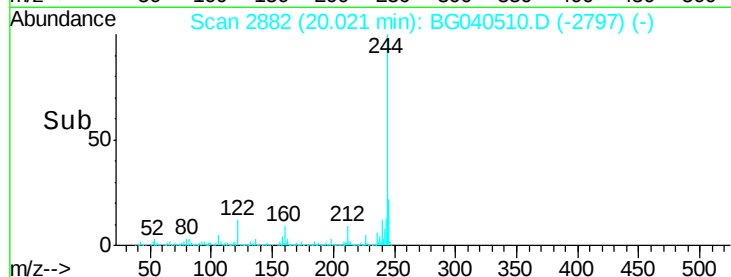
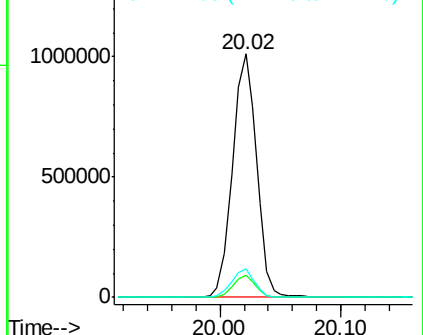
122 11.9 8.5 12.7



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: BG040510.D

Acq: 16 Apr 2019 19:30

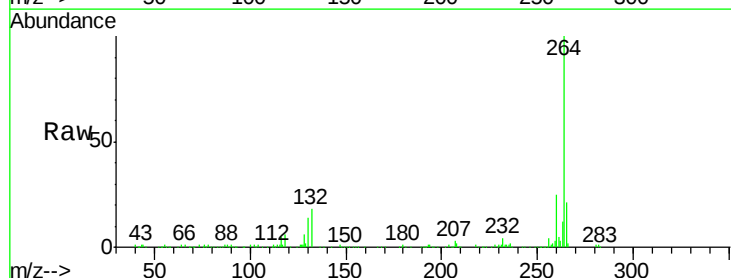
Tgt Ion:264 Resp: 381217

Ion Ratio Lower Upper

264 100

260 25.0 17.9 26.9

265 21.1 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

