

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040310.D
 Acq On : 3 Apr 2019 00:00
 Operator : JU/SJ
 Sample : K2180-24
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 00:52:35 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

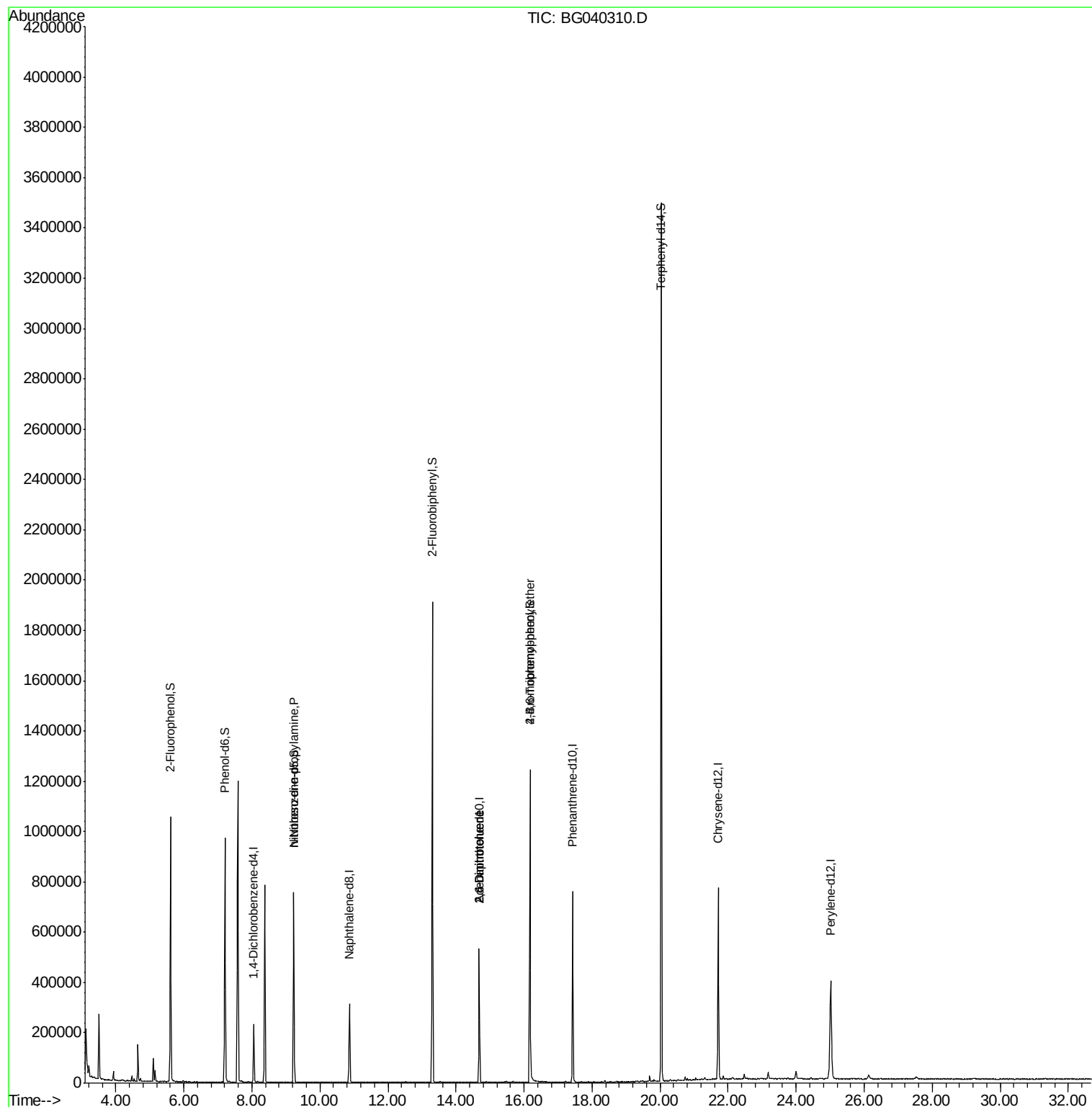
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	65989	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	271371	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	187893	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	465430	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	465427	20.00	ng	-0.02
87) Perylene-d12	25.02	264	462993	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	463873	116.86	ng	0.00
7) Phenol-d6	7.21	99	582665	106.21	ng	-0.01
23) Nitrobenzene-d5	9.23	82	457007	89.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	247867	122.06	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1040774	82.08	ng	-0.01
79) Terphenyl-d14	20.04	244	1780406	86.06	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	57761	14.685	ng	# 70
51) 2,6-Dinitrotoluene	14.68	165	23650	7.163	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	23650	5.155	ng	# 25
67) 4-Bromophenyl-phenylether	16.18	248	18544	3.540	ng	# 1

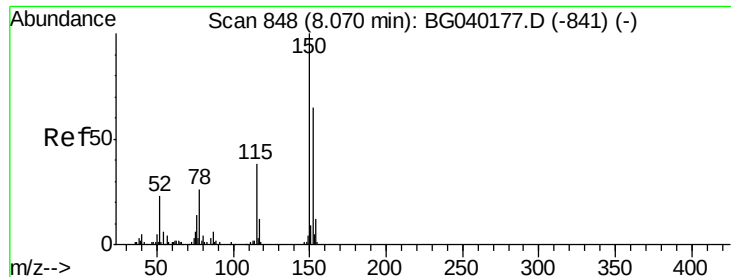
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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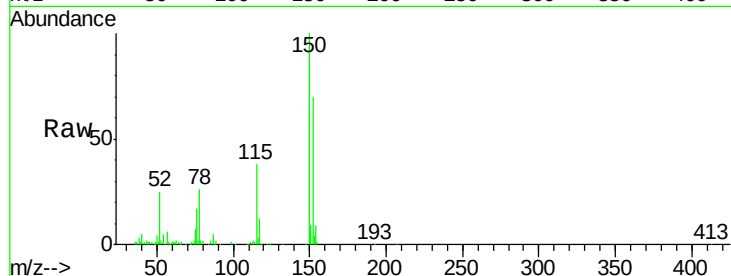


#1

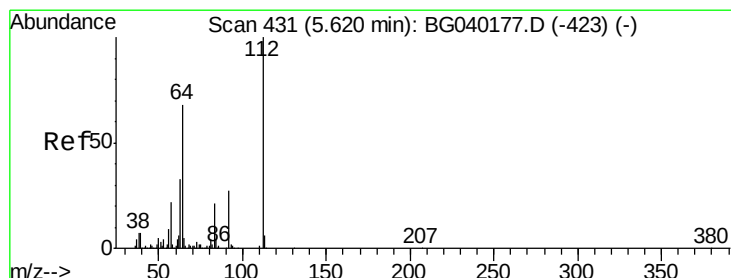
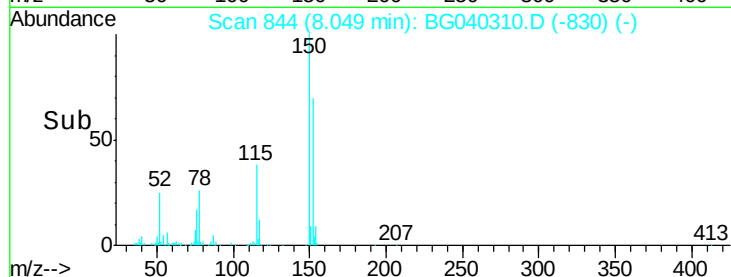
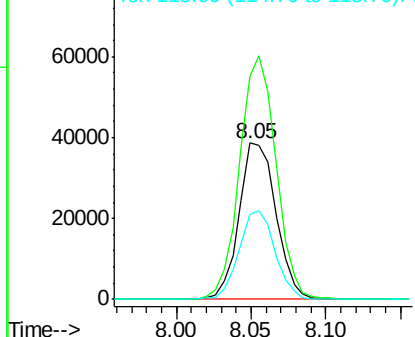
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65989
Ion Ratio Lower Upper
152 100
150 142.8 123.7 185.5
115 54.1 46.9 70.3



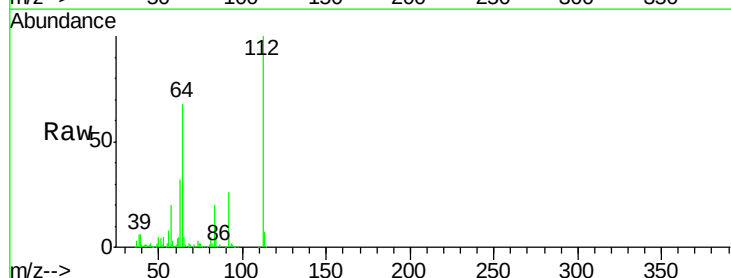
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



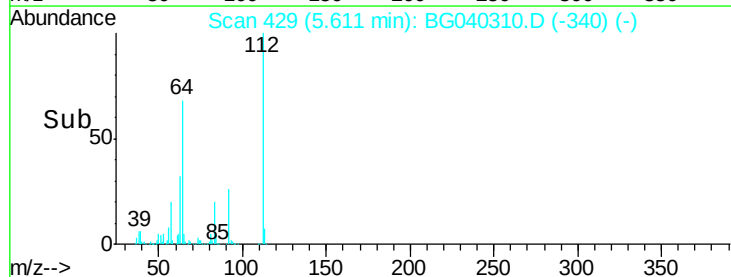
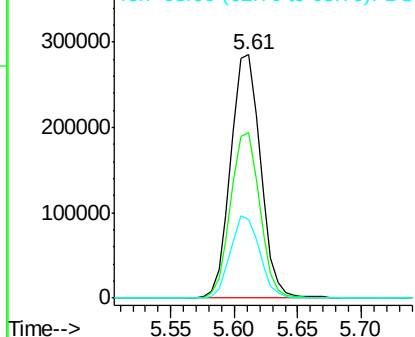
#5

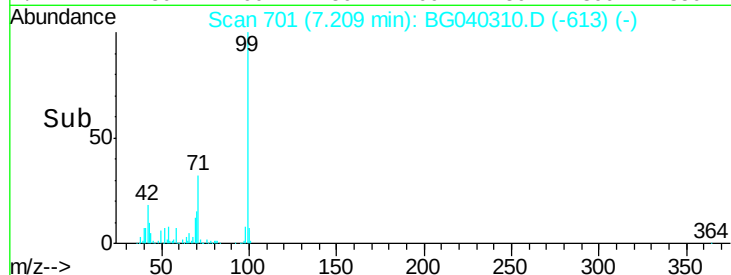
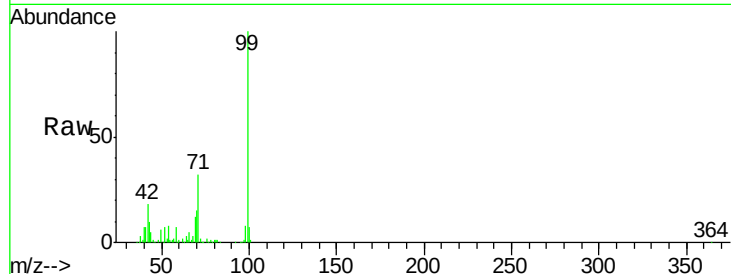
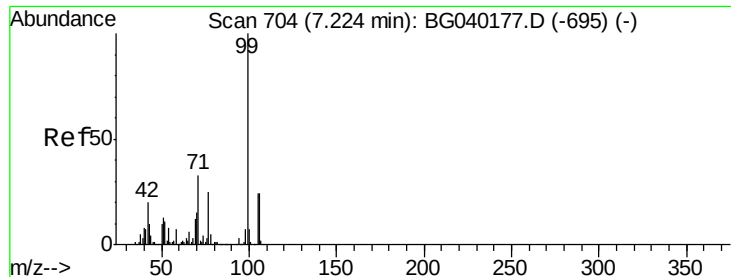
2-Fluorophenol
Concen: 116.860 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Tgt Ion:112 Resp: 463873
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.2
63 32.0 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: 106.212 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040310.D

Acq: 3 Apr 2019 00:00

Instrument :

BNA_G

ClientSampleId :

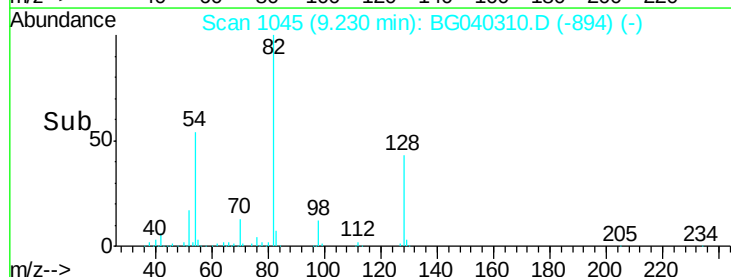
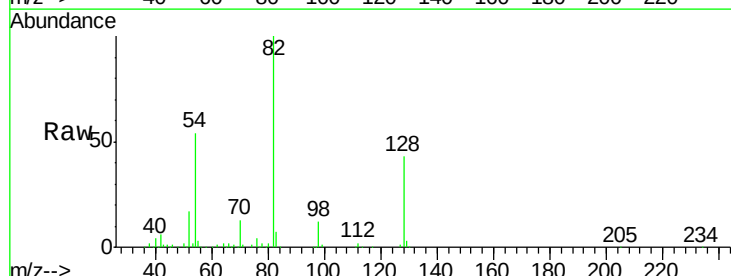
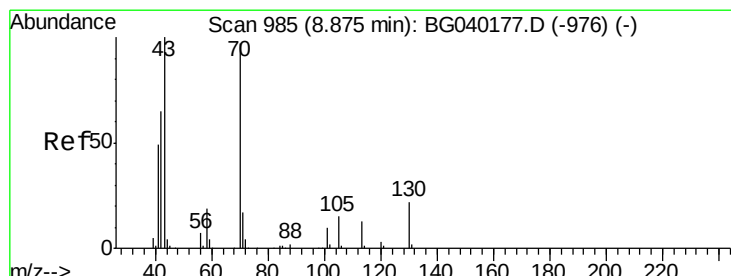
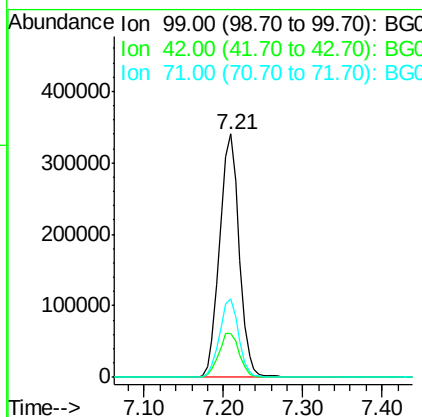
Tot Ion: 99 Resp: 582665

Ion Ratio Lower Upper

99 100

42 18.3 16.2 24.2

71 32.2 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.685 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG040310.D

Acq: 3 Apr 2019 00:00

Tgt Ion: 70 Resp: 57761

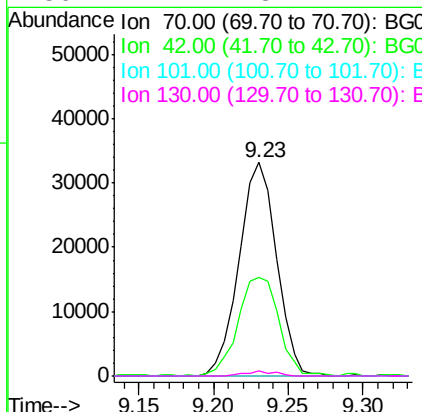
Ion Ratio Lower Upper

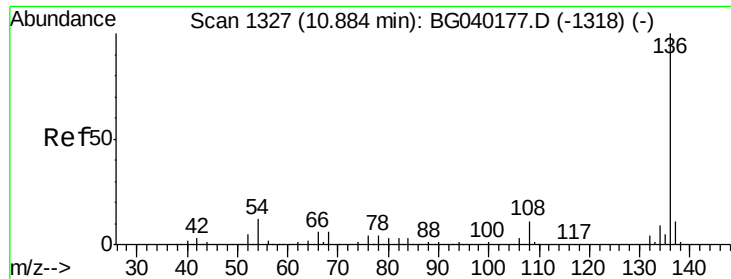
70 100

42 46.0 54.0 81.0#

101 0.0 8.6 13.0#

130 2.7 18.2 27.2#

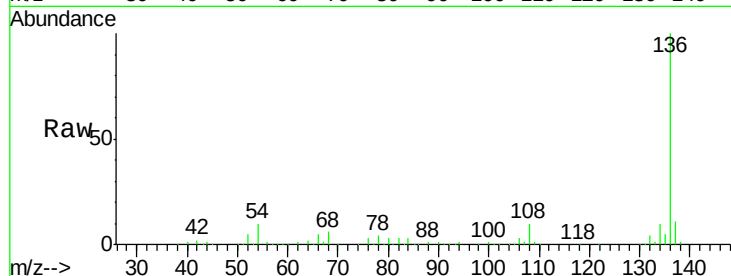




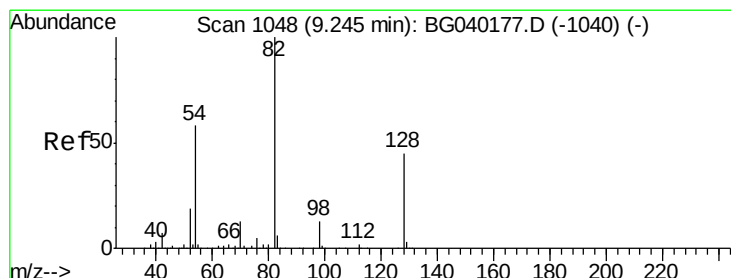
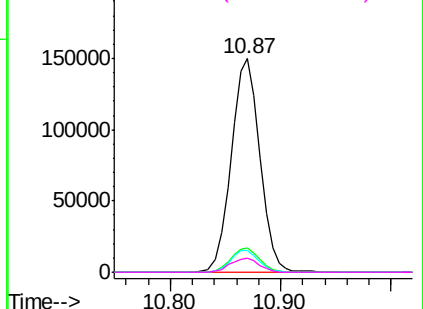
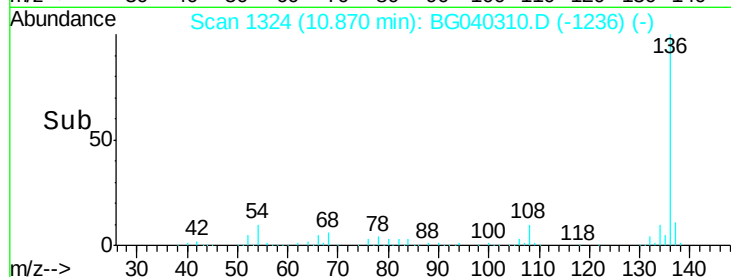
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	271371
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	10.4	9.6 14.4
68	6.3	5.1 7.7

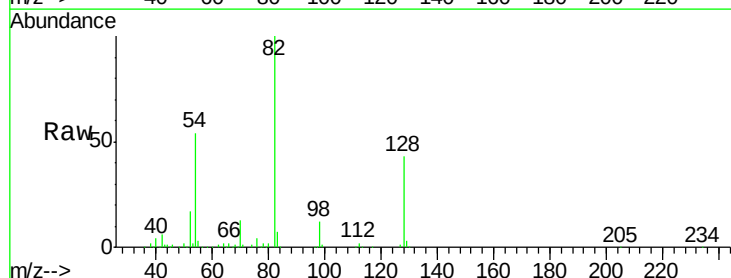


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

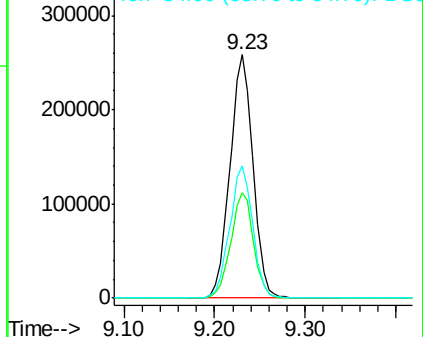
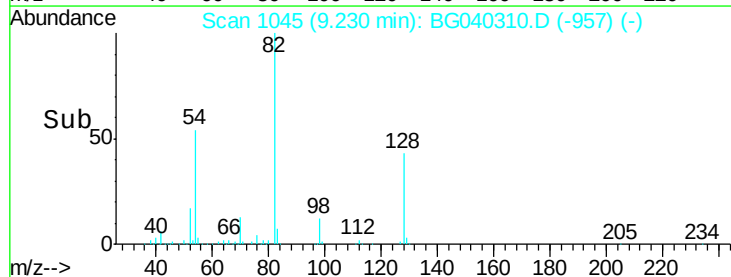


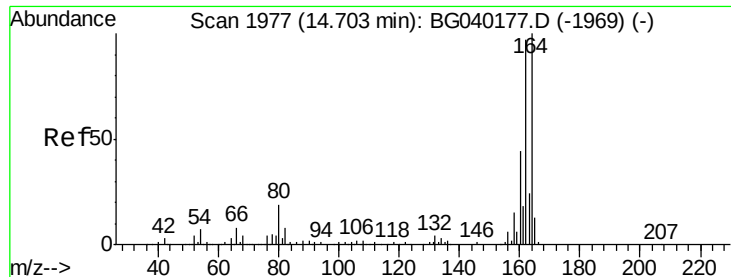
#23
Nitrobenzene-d5
Concen: 89.514 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Tgt Ion: 82	Resp:	457007
Ion	Ratio	Lower Upper
82	100	
128	43.2	35.8 53.8
54	54.3	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

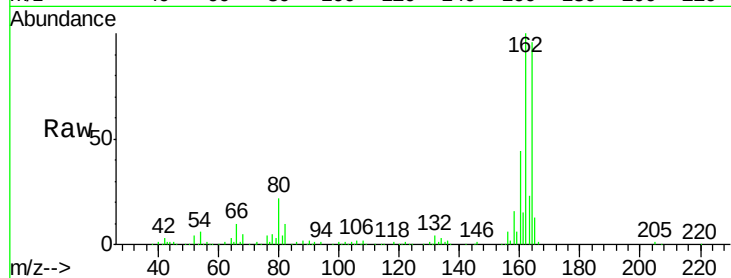




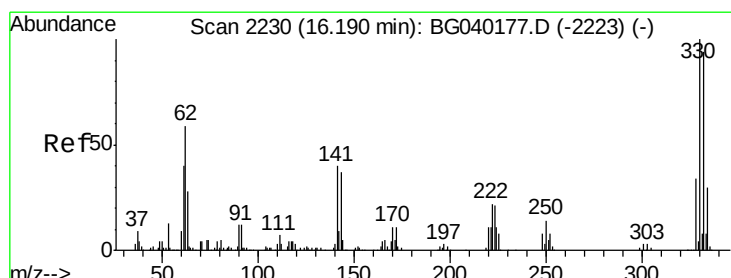
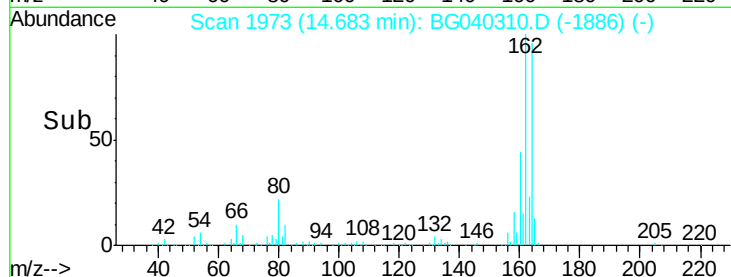
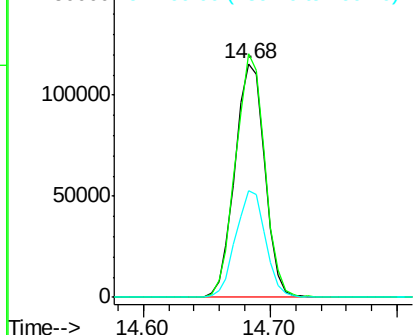
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 187893
Ion Ratio Lower Upper
164 100
162 104.1 77.4 116.2
160 45.6 35.3 52.9

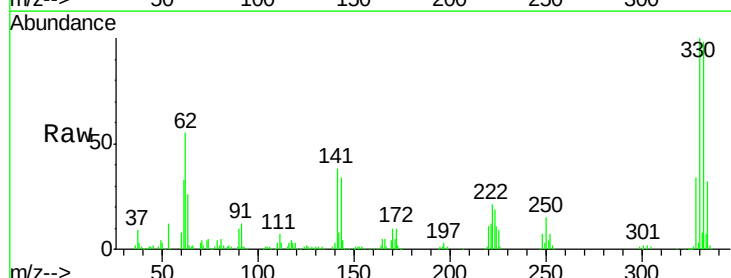


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

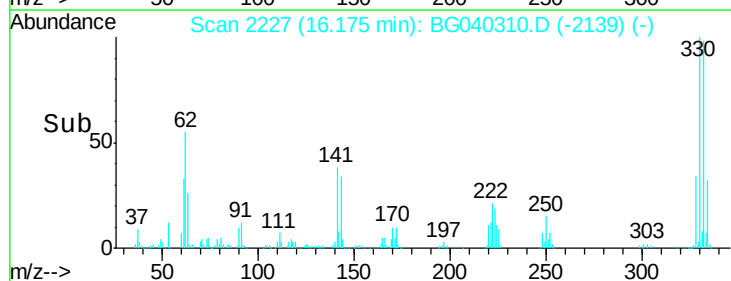
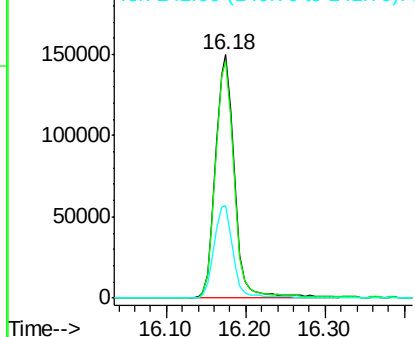


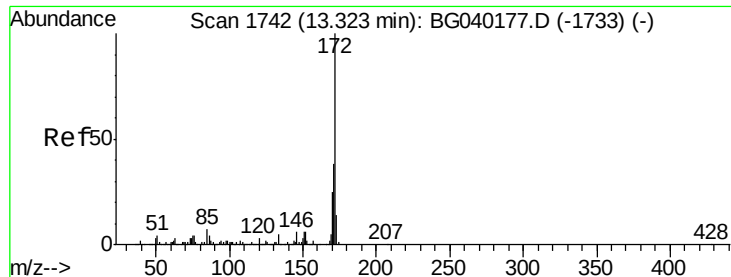
#42
2,4,6-Tribromophenol
Concen: 122.064 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Tgt Ion:330 Resp: 247867
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 37.6 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

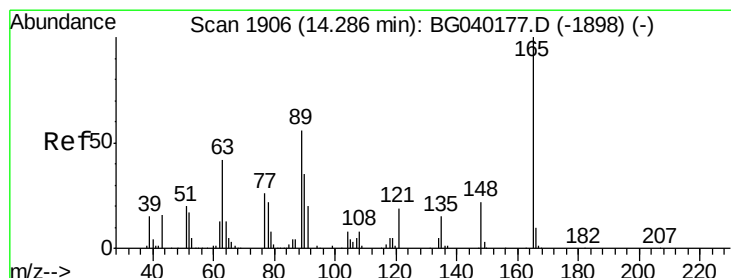
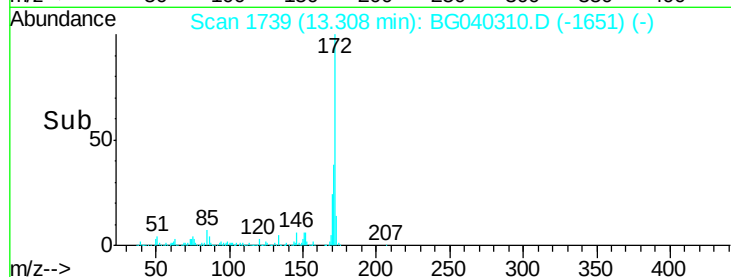
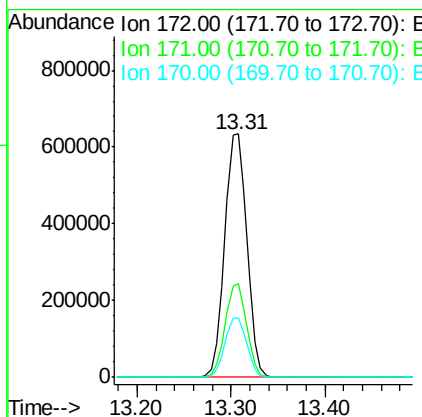
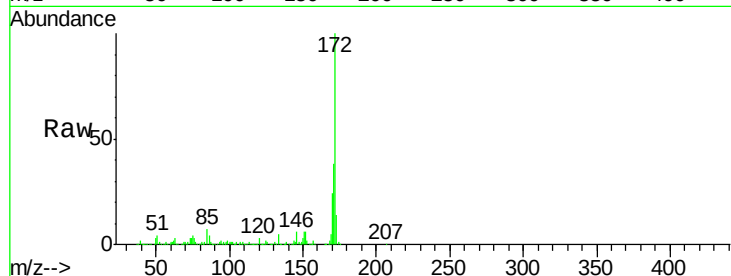




#45
2-Fluorobiphenyl
Concen: 82.078 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

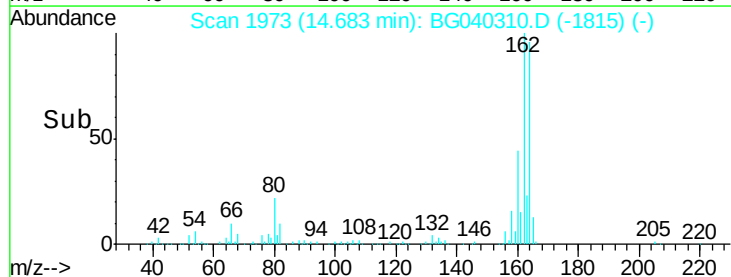
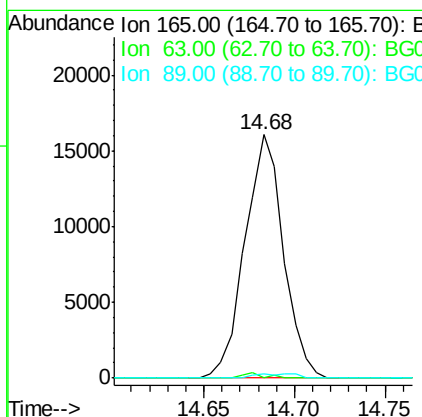
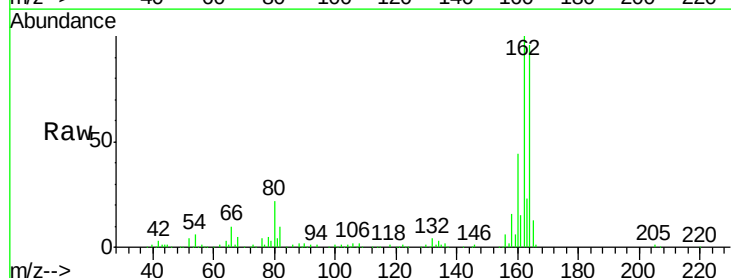
Instrument :
BNA_G
ClientSampleId :

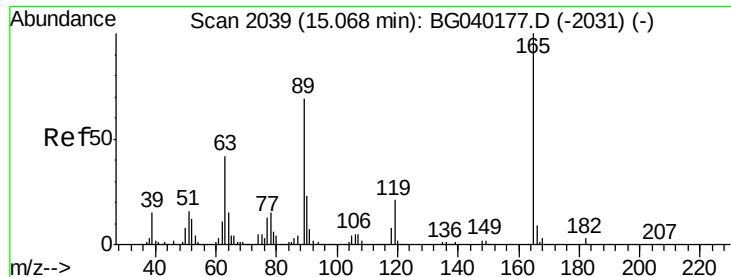
Tot Ion:172 Resp: 1040774
Ion Ratio Lower Upper
172 100
171 38.5 30.5 45.7
170 24.2 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.163 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.40 min
Lab File: BG040310.D
Acq: 3 Apr 2019 00:00

Tgt Ion:165 Resp: 23650
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 1.9 44.9 67.3#





#57

2,4-Dinitrotoluene

Concen: 5.155 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.38 min

Lab File: BG040310.D

Acq: 3 Apr 2019 00:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 23650

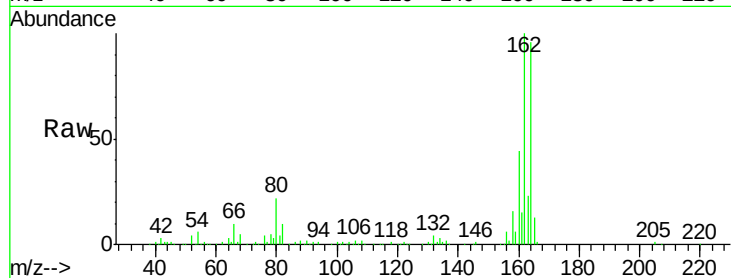
Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.6#

89 1.9 55.4 83.2#

182 0.0 2.2 3.4#

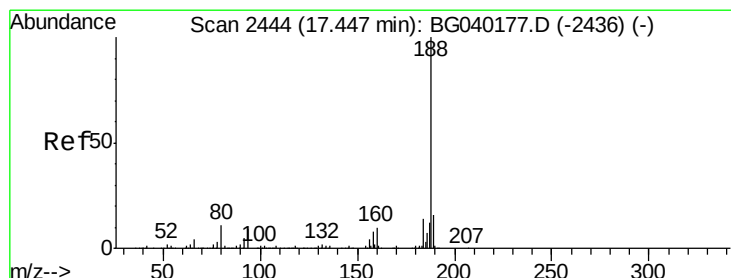
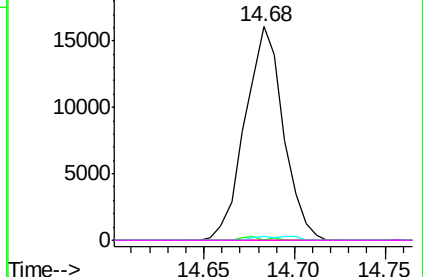
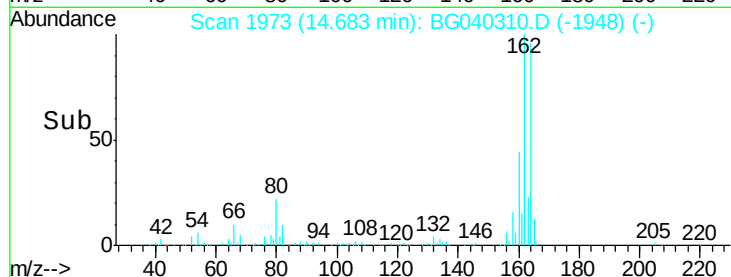


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040310.D

Acq: 3 Apr 2019 00:00

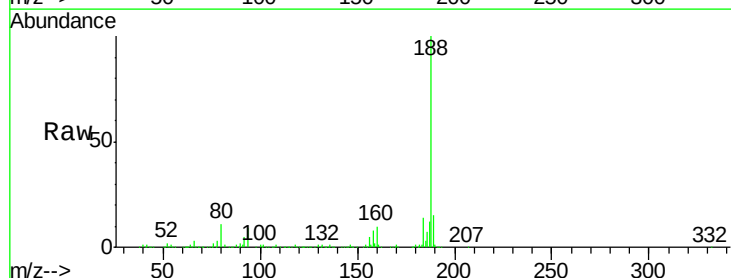
Tgt Ion:188 Resp: 465430

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

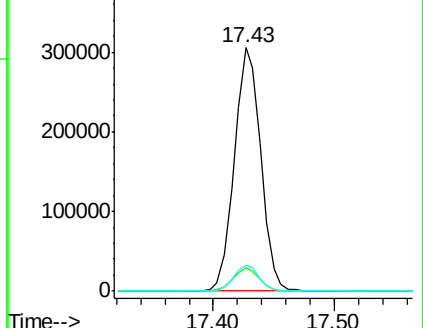
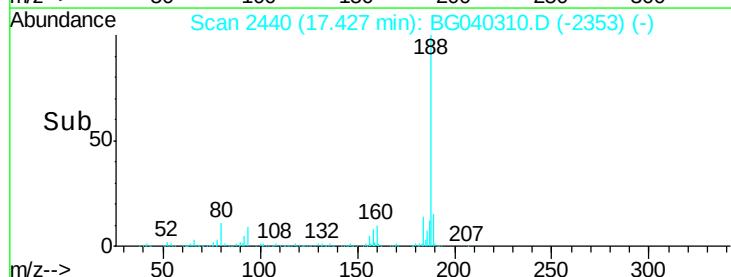
80 10.7 8.6 13.0

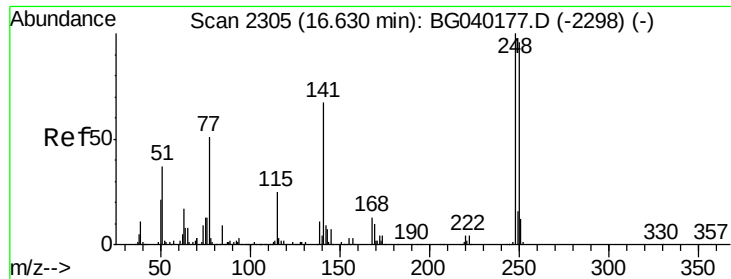


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

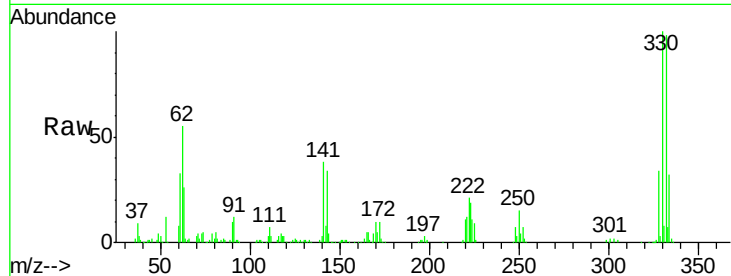




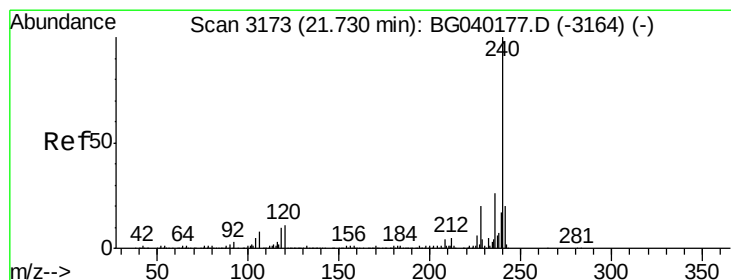
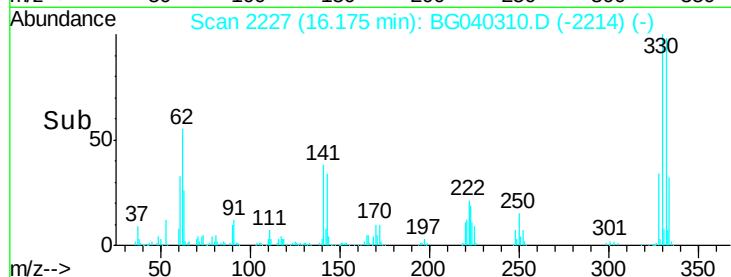
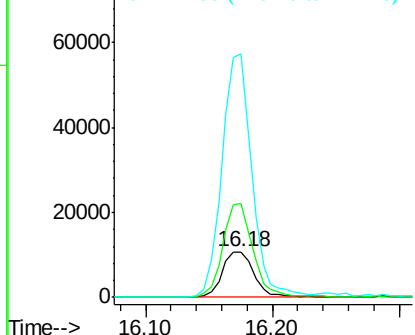
#67
 4-Bromophenyl-phenylether
 Concen: 3.540 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040310.D
 Acq: 3 Apr 2019 00:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 18544
 Ion Ratio Lower Upper
 248 100
 250 205.5 76.4 114.6#
 141 530.9 53.8 80.8#

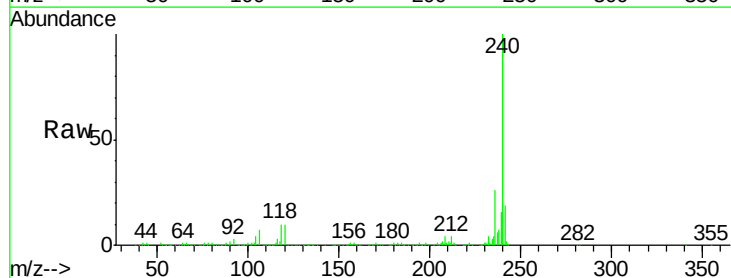


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

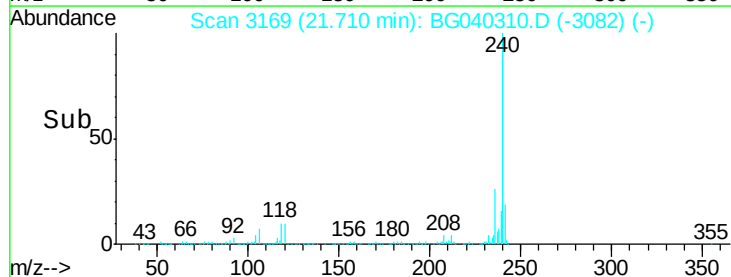
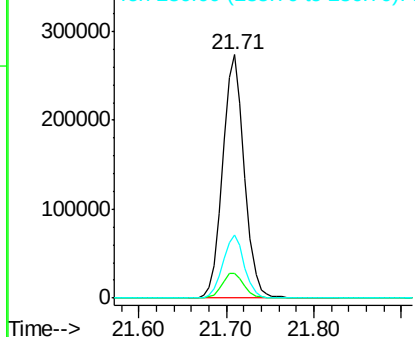


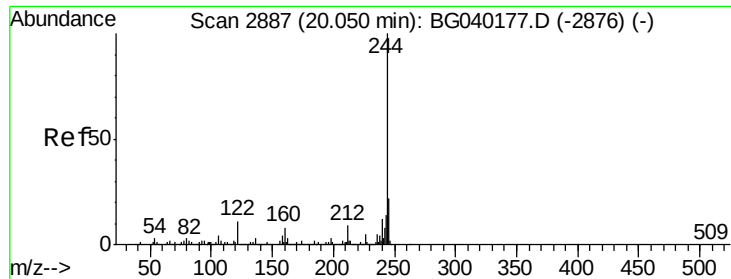
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040310.D
 Acq: 3 Apr 2019 00:00

Tgt Ion:240 Resp: 465427
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.4 12.6
 236 26.2 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: 86.056 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG040310.D

Acq: 3 Apr 2019 00:00

Instrument :

BNA_G

ClientSampleId :

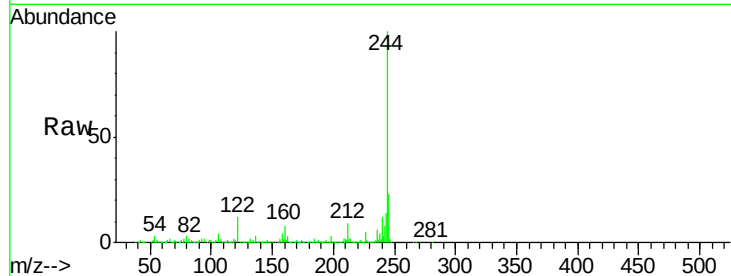
Tot Ion:244 Resp: 1780406

Ion Ratio Lower Upper

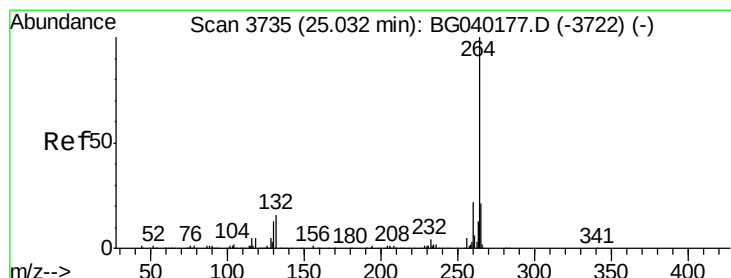
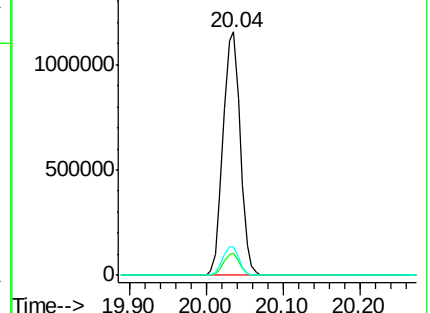
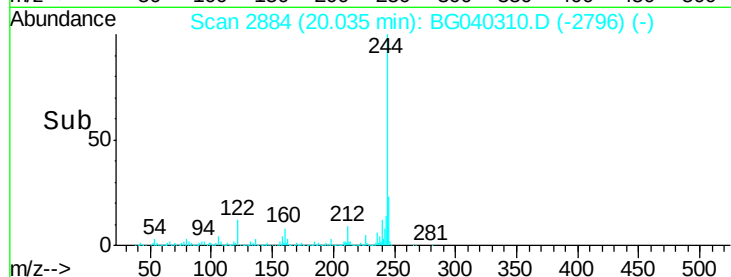
244 100

212 8.9 7.0 10.6

122 11.5 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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG040310.D

Acq: 3 Apr 2019 00:00

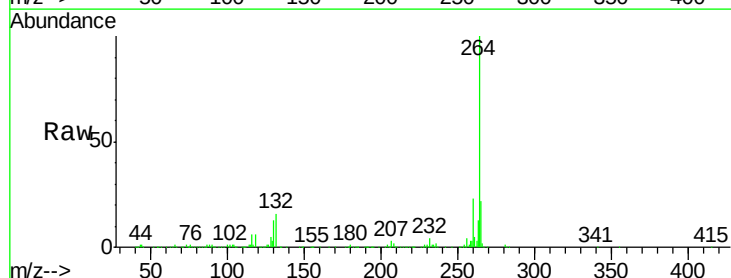
Tgt Ion:264 Resp: 462993

Ion Ratio Lower Upper

264 100

260 22.9 17.9 26.9

265 21.9 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

