

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
 Data File : BG040407.D
 Acq On : 9 Apr 2019 20:26
 Operator : JU/SJ
 Sample : PB118717BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 00:52:52 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

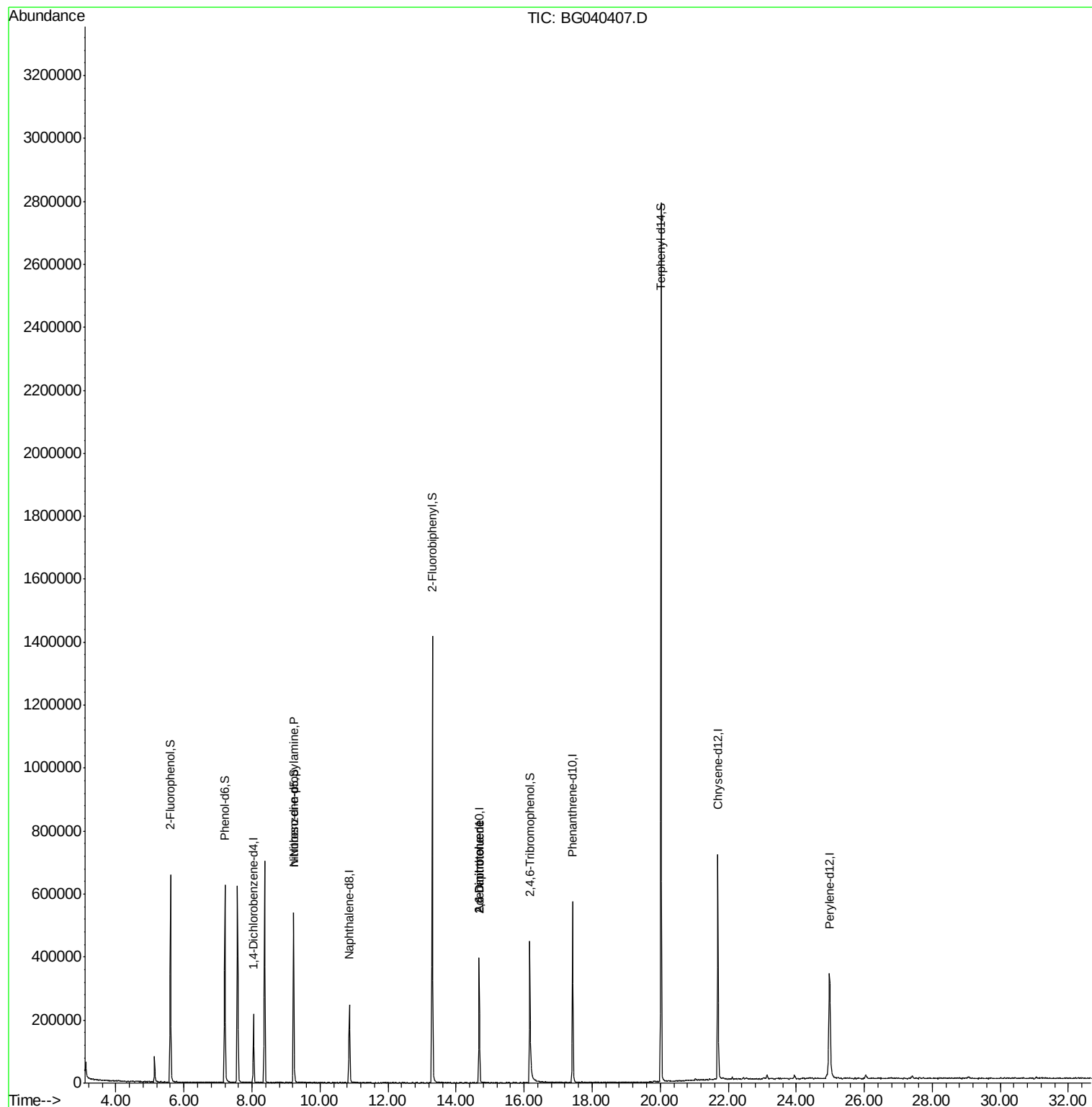
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59806	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	233055	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	145421	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	388879	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	448934	20.00	ng	-0.04
87) Perylene-d12	24.98	264	440561	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	294167	81.77	ng	-0.02
7) Phenol-d6	7.20	99	390161	78.47	ng	-0.02
23) Nitrobenzene-d5	9.22	82	344006	78.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	107086	68.14	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	798291	81.34	ng	-0.02
79) Terphenyl-d14	20.02	244	1362389	68.27	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	42456	11.910	ng	# 78
51) 2,6-Dinitrotoluene	14.68	165	18926	7.406	ng	# 24
57) 2,4-Dinitrotoluene	14.68	165	18926	5.330	ng	# 25

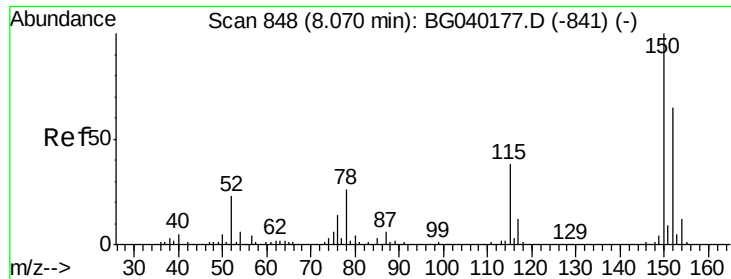
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



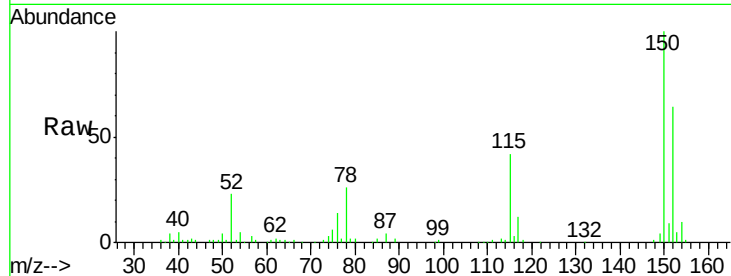


#1

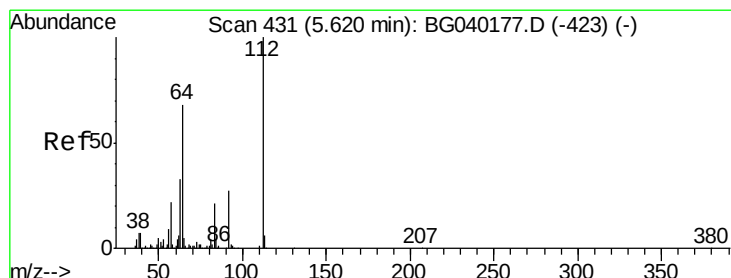
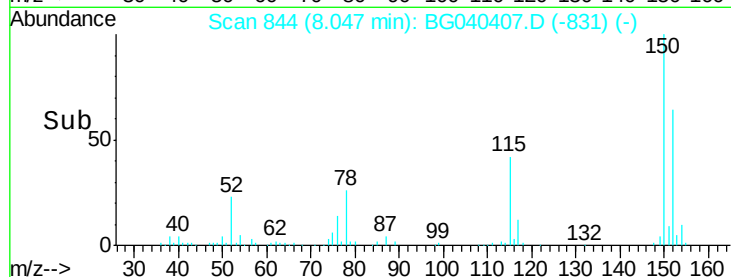
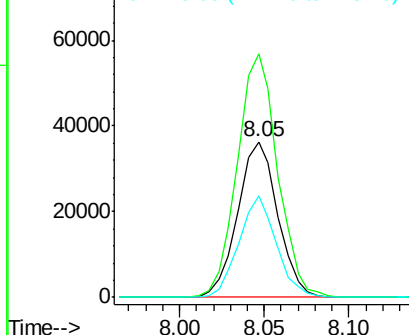
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59806
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 65.4 46.9 70.3



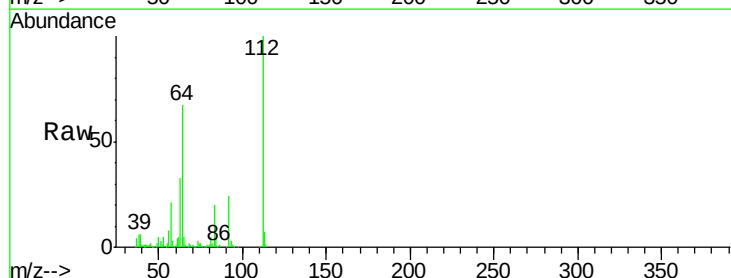
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



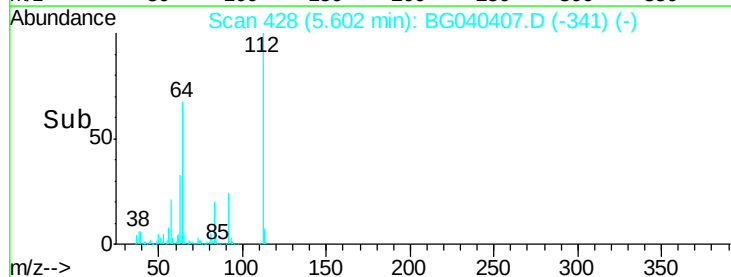
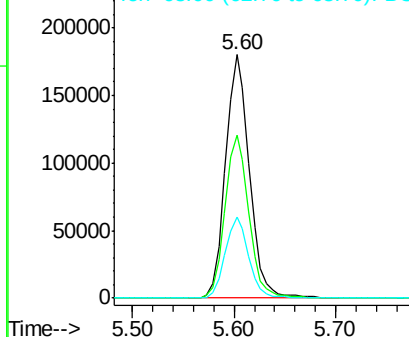
#5

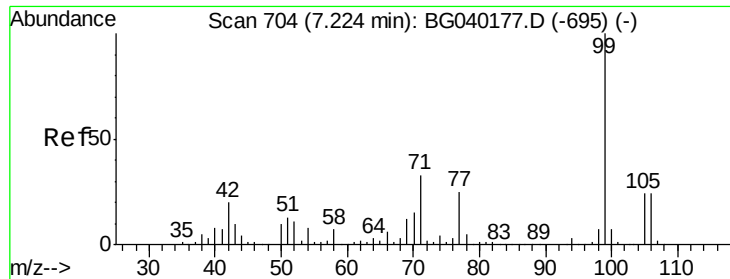
2-Fluorophenol
Concen: 81.769 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Tgt Ion:112 Resp: 294167
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.2
63 33.1 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: 78.474 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040407.D

Acq: 9 Apr 2019 20:26

Instrument :

BNA_G

ClientSampled :

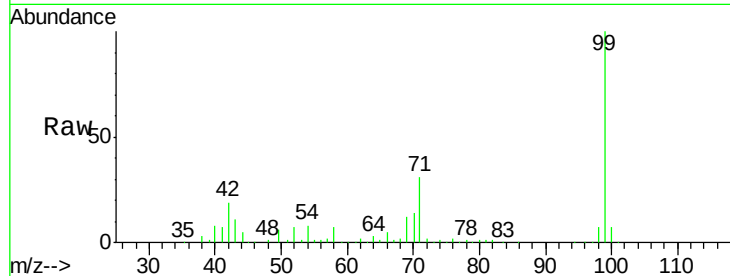
Tot Ion: 99 Resp: 390161

Ion Ratio Lower Upper

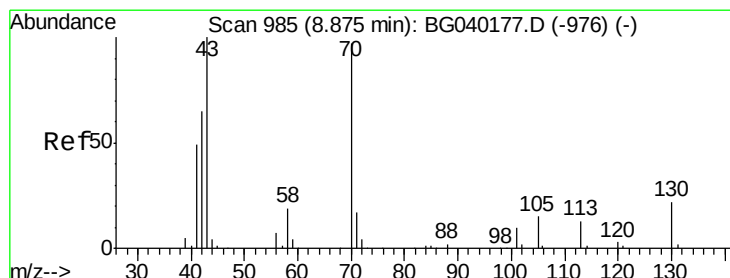
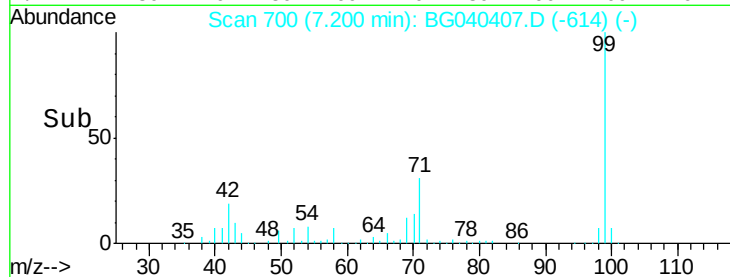
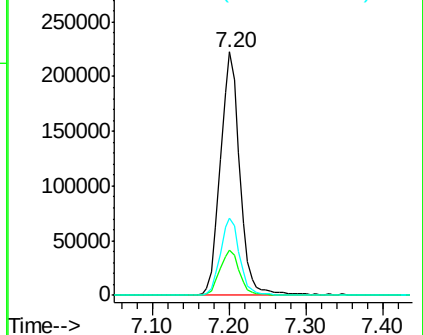
99 100

42 18.6 16.2 24.2

71 31.5 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: 11.910 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040407.D

Acq: 9 Apr 2019 20:26

Tgt Ion: 70 Resp: 42456

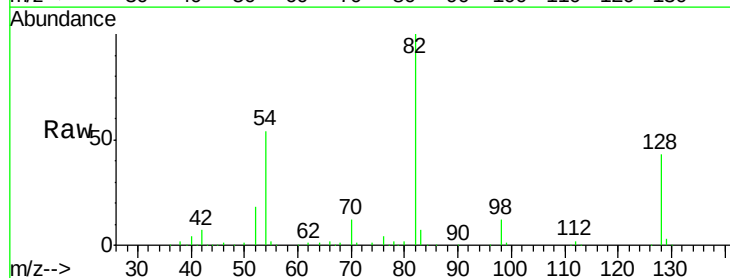
Ion Ratio Lower Upper

70 100

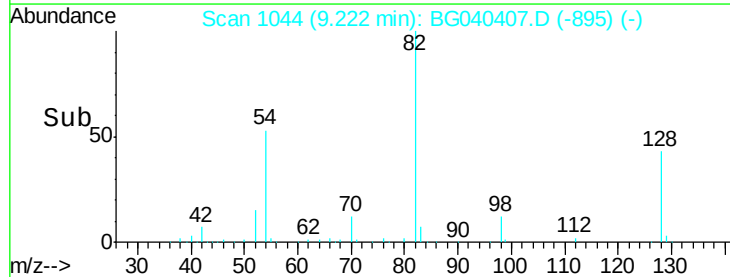
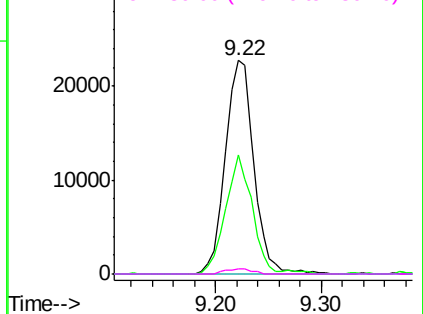
42 55.8 54.0 81.0

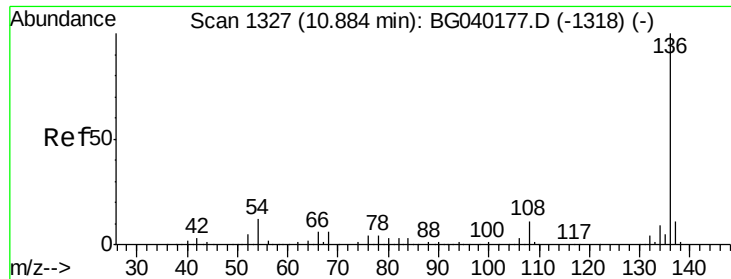
101 0.0 8.6 13.0#

130 2.4 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

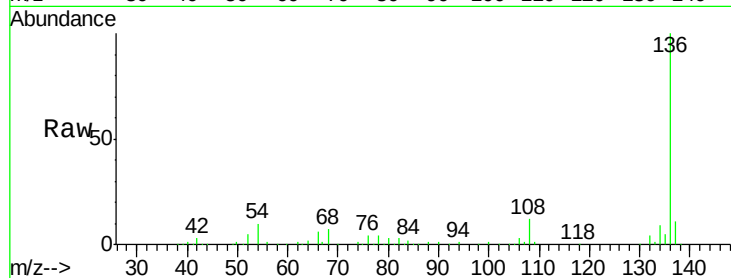




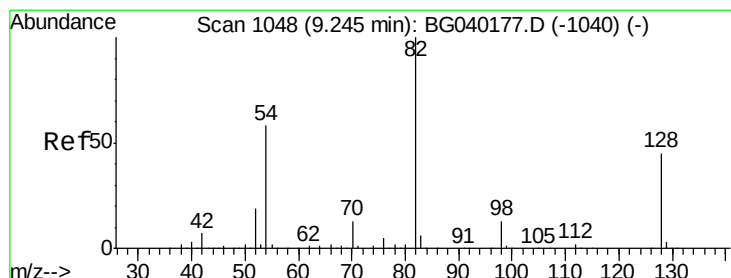
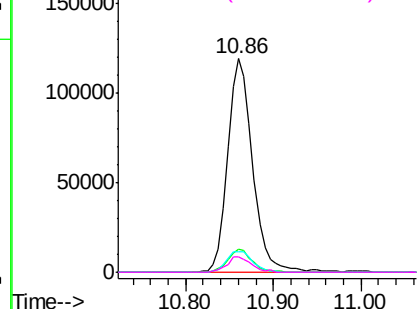
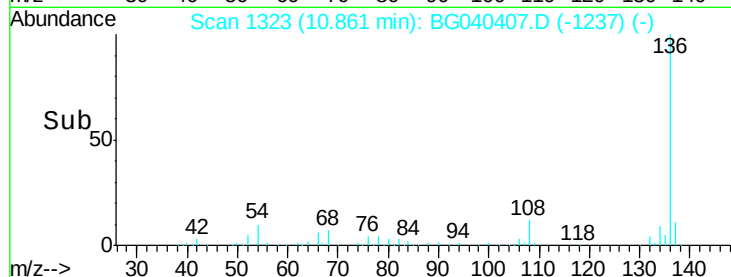
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	233055
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	9.7	9.6 14.4
68	6.9	5.1 7.7

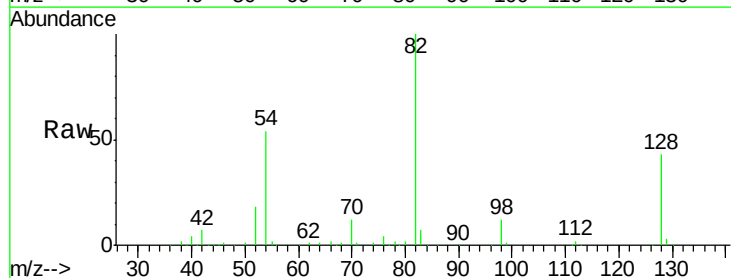


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

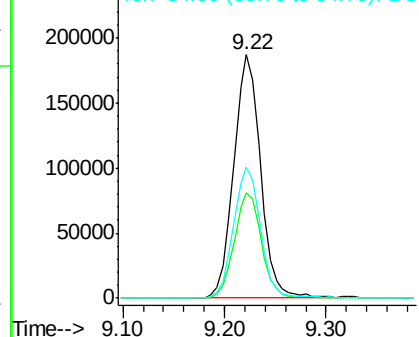
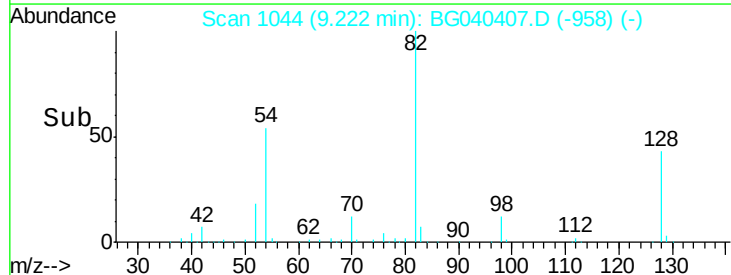


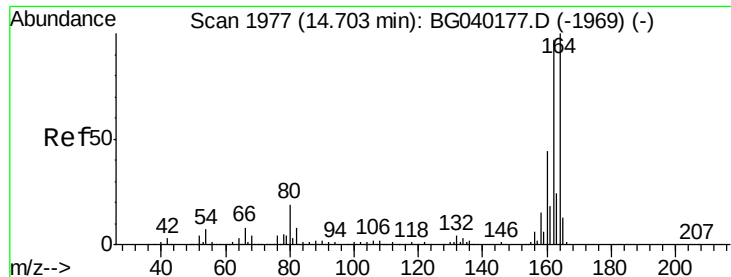
#23
Nitrobenzene-d5
Concen: 78.458 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Tgt Ion: 82	Resp:	344006
Ion Ratio	Lower	Upper
82	100	
128	43.3	35.8 53.8
54	54.0	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

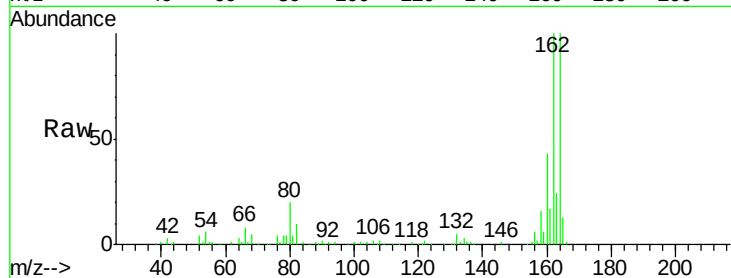




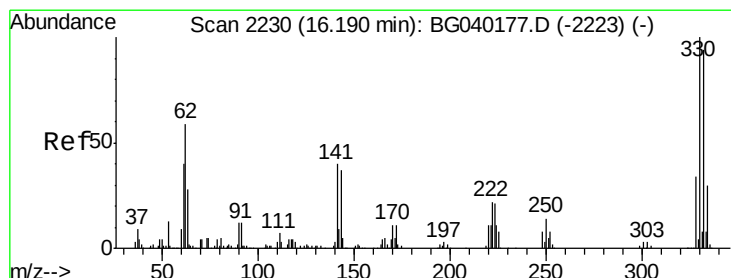
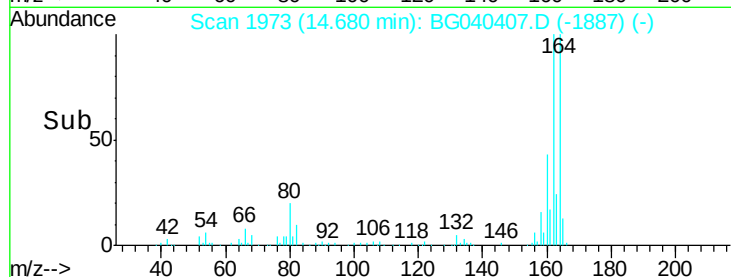
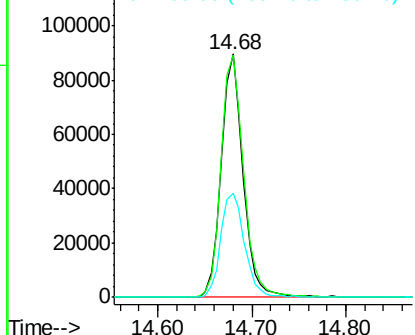
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 145421
Ion Ratio Lower Upper
164 100
162 99.8 77.4 116.2
160 42.8 35.3 52.9

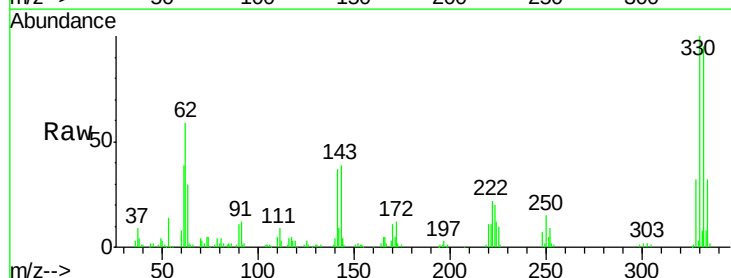


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

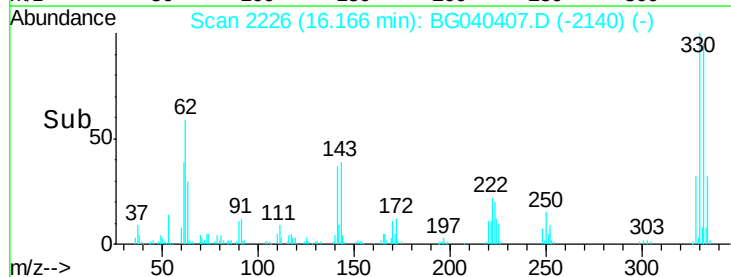
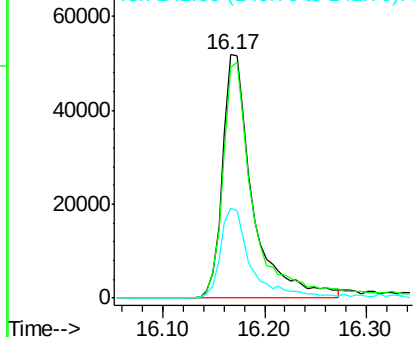


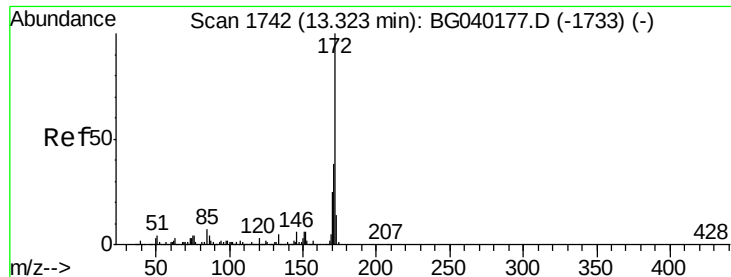
#42
2,4,6-Tribromophenol
Concen: 68.137 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Tgt Ion:330 Resp: 107086
Ion Ratio Lower Upper
330 100
332 98.7 76.6 115.0
141 37.4 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

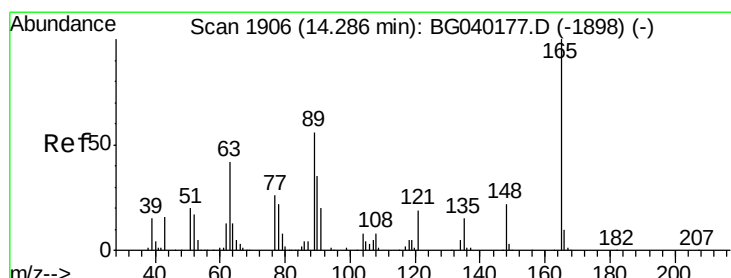
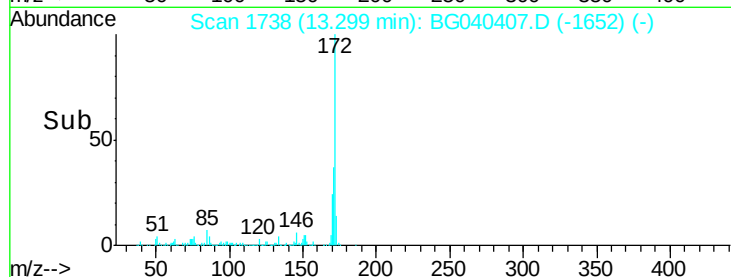
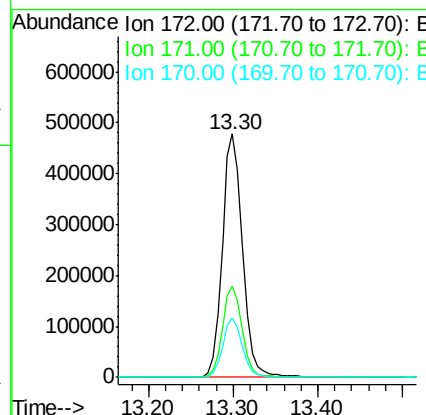
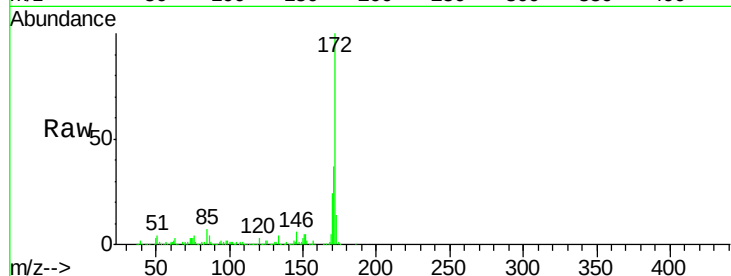




#45
2-Fluorobiphenyl
Concen: 81.342 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

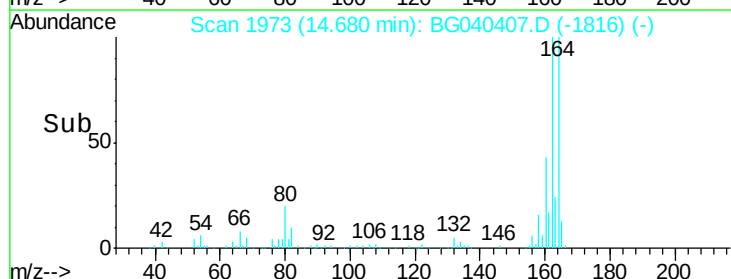
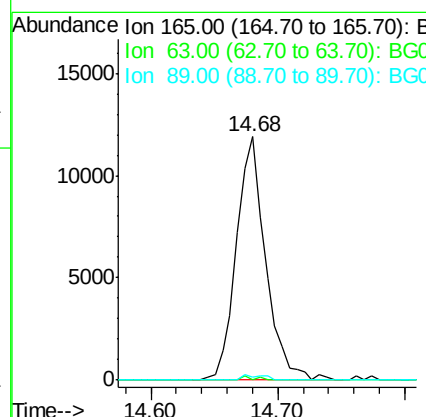
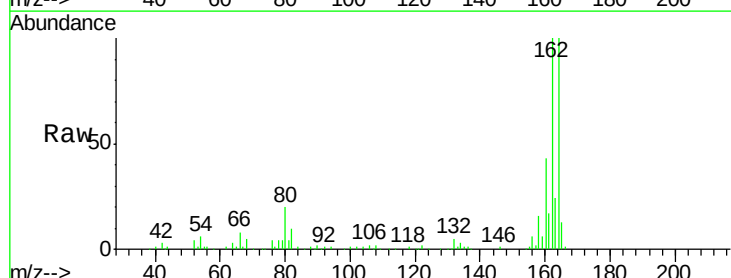
Instrument :
BNA_G
ClientSampleId :

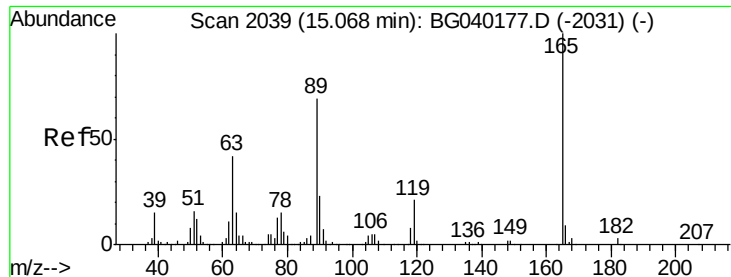
Tot Ion:172 Resp: 798291
Ion Ratio Lower Upper
172 100
171 37.3 30.5 45.7
170 24.4 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.406 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040407.D
Acq: 9 Apr 2019 20:26

Tgt Ion:165 Resp: 18926
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 1.3 44.9 67.3#

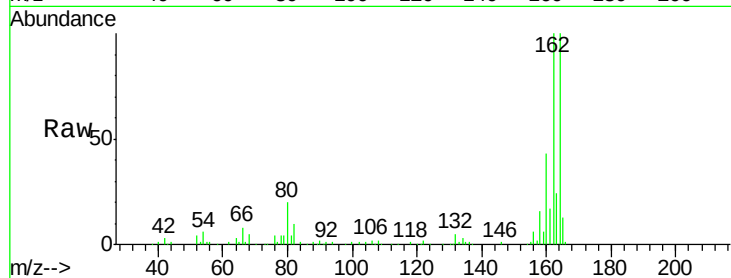




#57
 2,4-Dinitrotoluene
 Concen: 5.330 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040407.D
 Acq: 9 Apr 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	18926
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.8 50.6#
89	1.3	55.4 83.2#
182	0.0	2.2 3.4#

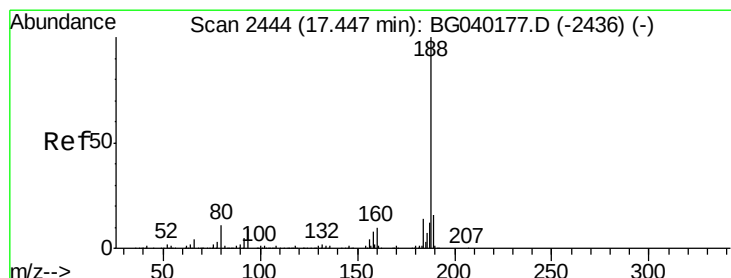
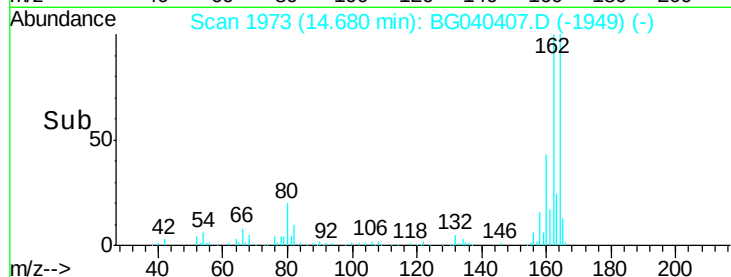
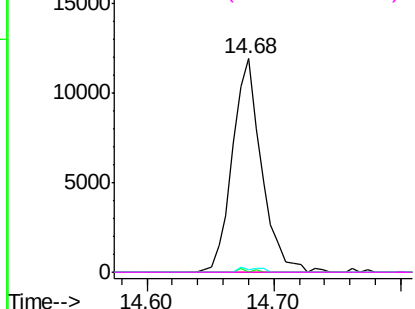


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

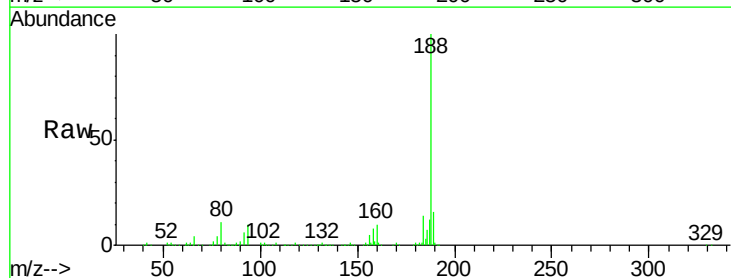
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040407.D
 Acq: 9 Apr 2019 20:26

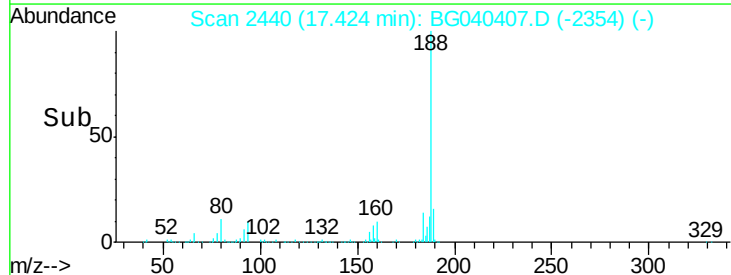
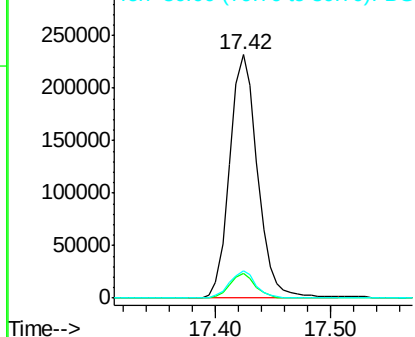
Tgt Ion:188	Resp:	388879
Ion Ratio	Lower	Upper
188	100	
94	10.4	7.0 10.4
80	11.0	8.6 13.0

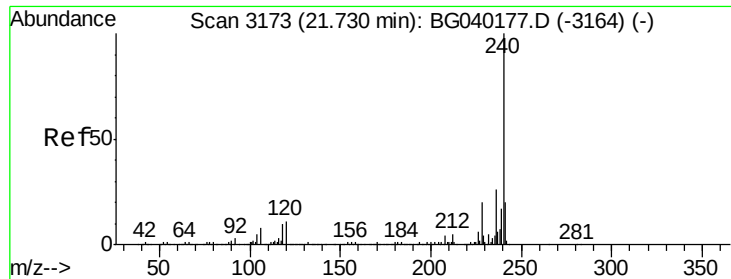


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

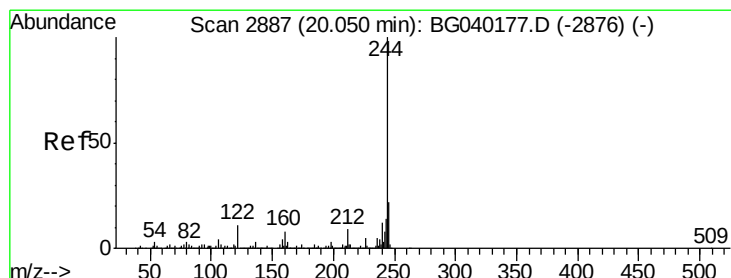
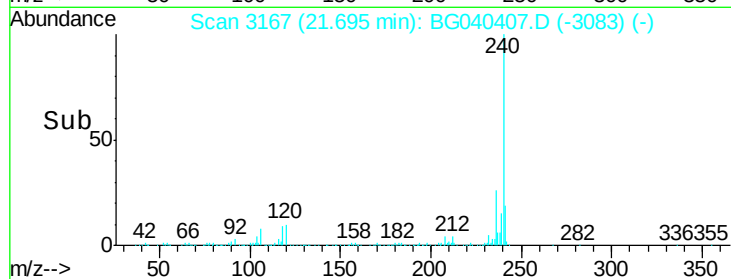
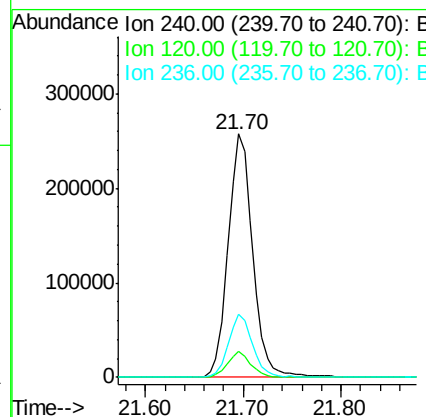
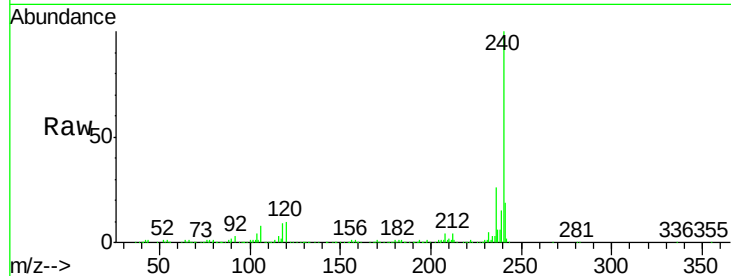




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.04 min
 Lab File: BG040407.D
 Acq: 9 Apr 2019 20:26

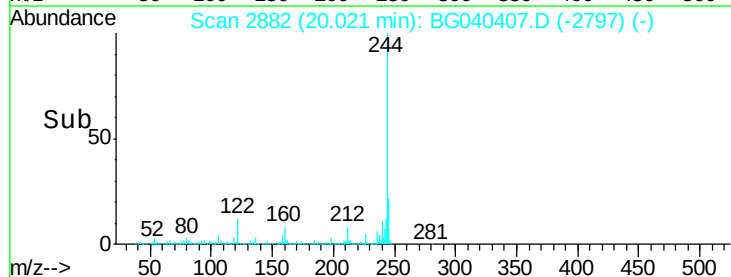
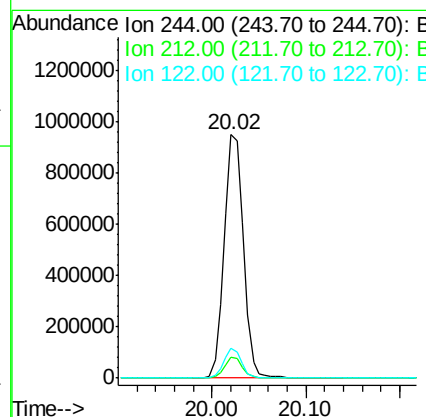
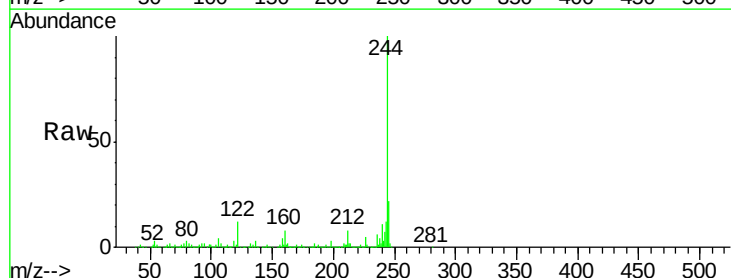
Instrument :
 BNA_G
 ClientSampleId :

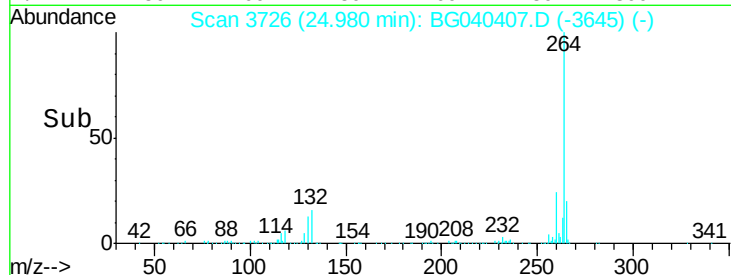
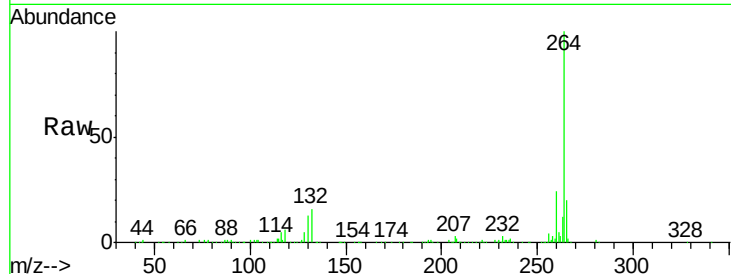
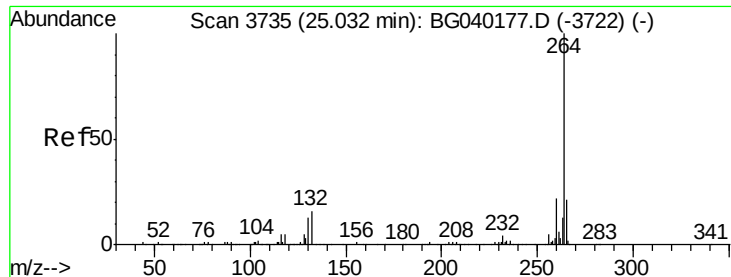
Tot Ion:240 Resp: 448934
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 25.8 20.8 31.2



#79
 Terphenyl-d14
 Concen: 68.271 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040407.D
 Acq: 9 Apr 2019 20:26

Tgt Ion:244 Resp: 1362389
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.6
 122 12.1 8.5 12.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.05 min
 Lab File: BG040407.D
 Acq: 9 Apr 2019 20:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.9	26.9
265	20.3	16.8	25.2

