

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041119\
 Data File : BG040447.D
 Acq On : 11 Apr 2019 18:49
 Operator : JU/SJ
 Sample : PB118762BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:26:49 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

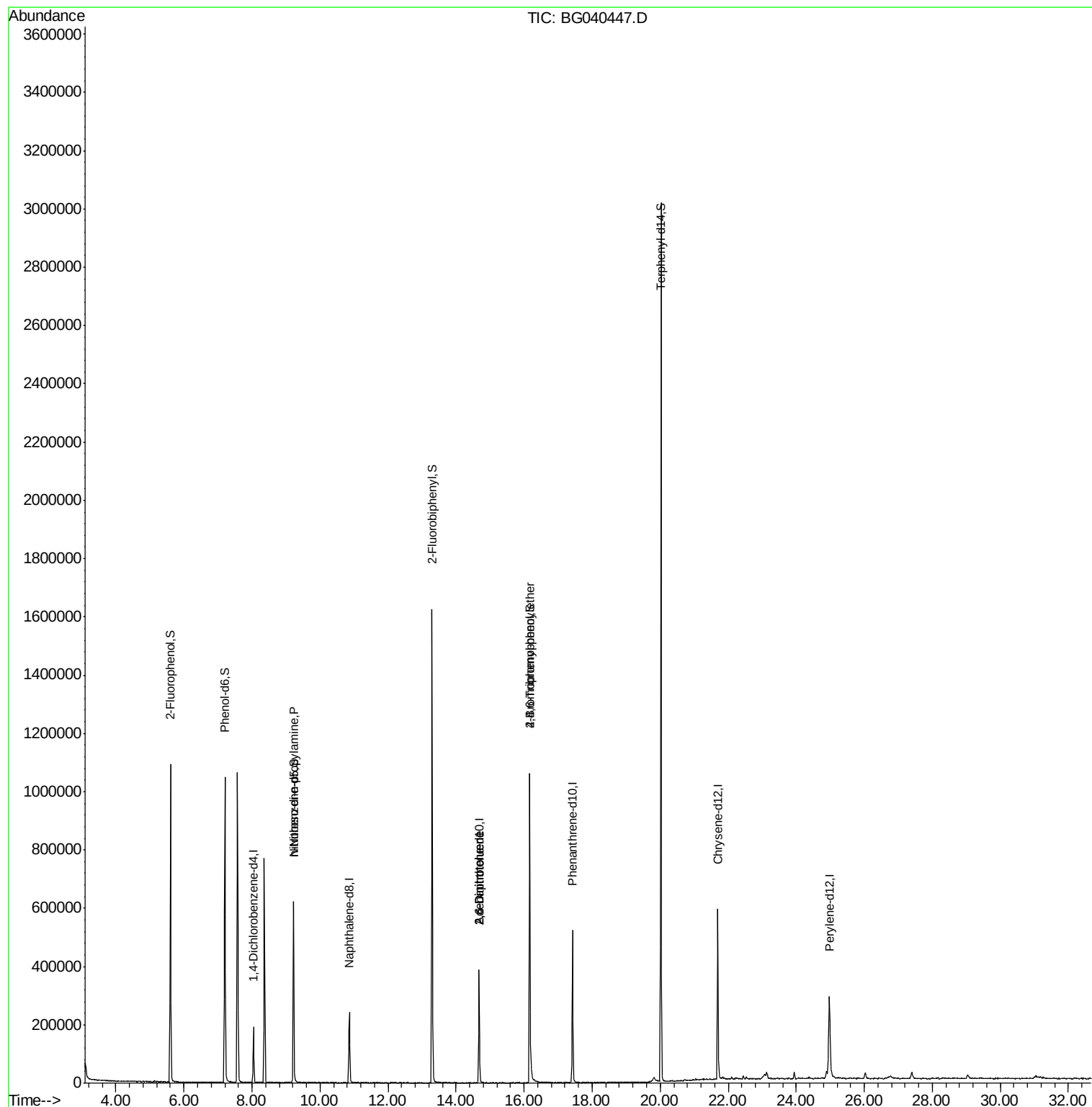
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	55105	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	224866	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	144142	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	358731	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	370736	20.00	ng	-0.04
87) Perylene-d12	24.97	264	353820	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	481213	145.17	ng	-0.02
7) Phenol-d6	7.20	99	661416	144.38	ng	-0.02
23) Nitrobenzene-d5	9.22	82	392458	92.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	225933	145.03	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	900602	92.58	ng	-0.03
79) Terphenyl-d14	20.02	244	1432704	86.94	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	48647	14.811	ng	# 77
51) 2,6-Dinitrotoluene	14.67	165	18448	7.283	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	18448	5.241	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	17052	4.224	ng	# 1

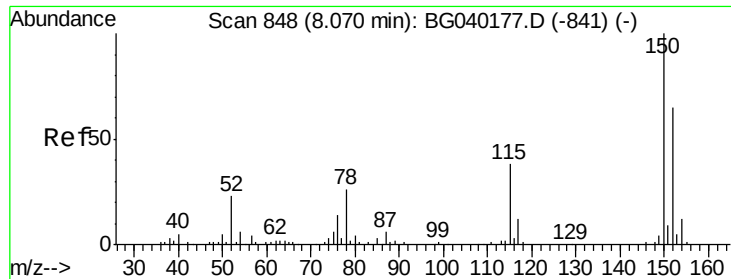
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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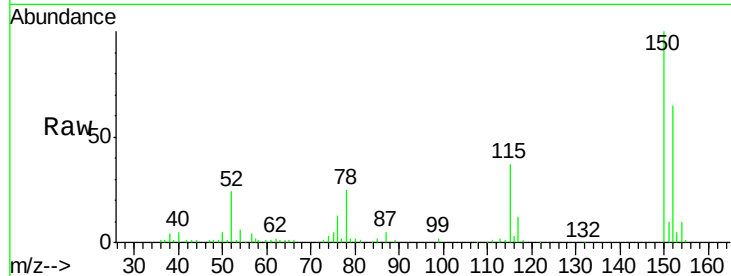


#1

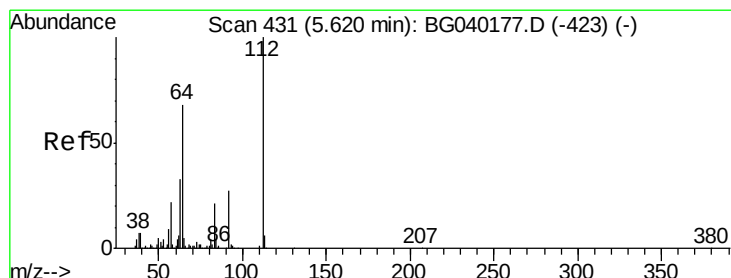
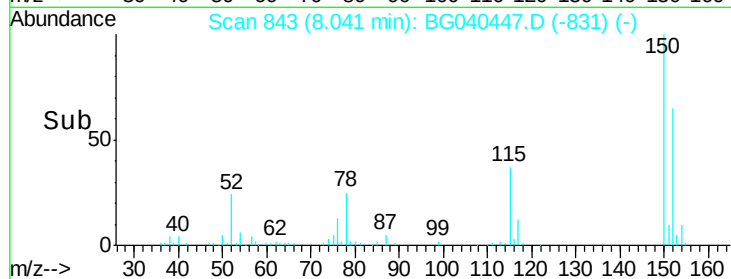
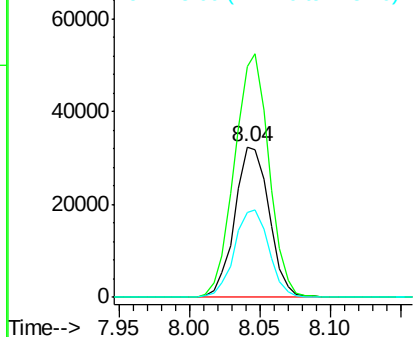
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040447.D
Acq: 11 Apr 2019 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55105
Ion Ratio Lower Upper
152 100
150 153.5 123.7 185.5
115 56.4 46.9 70.3



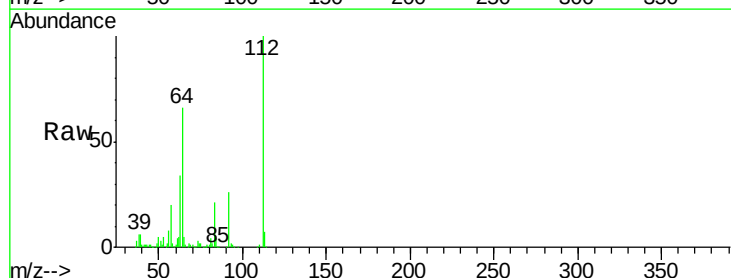
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



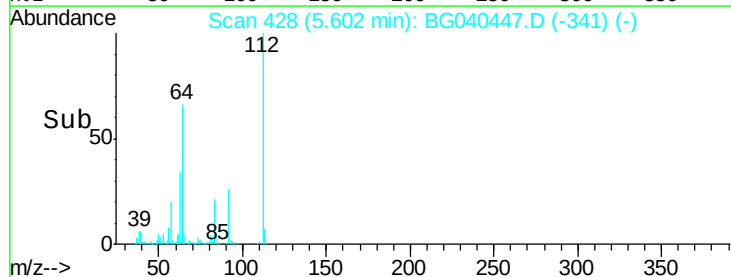
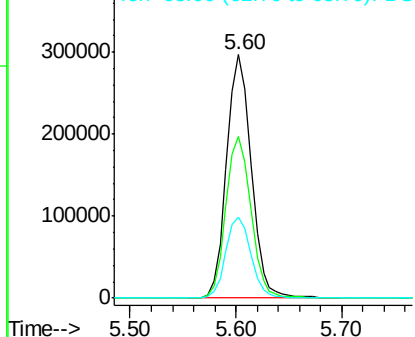
#5

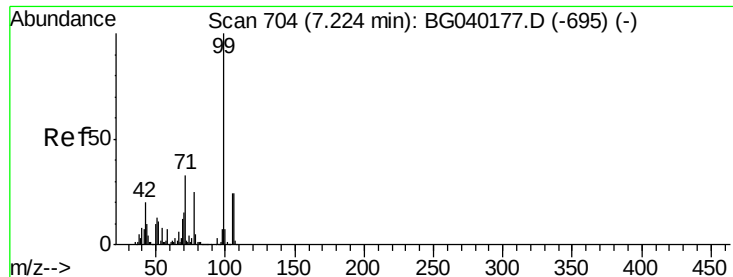
2-Fluorophenol
Concen: 145.173 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040447.D
Acq: 11 Apr 2019 18:49

Tgt Ion:112 Resp: 481213
Ion Ratio Lower Upper
112 100
64 66.3 54.2 81.2
63 33.5 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: 144.381 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040447.D

Acq: 11 Apr 2019 18:49

Instrument :

BNA_G

ClientSampled :

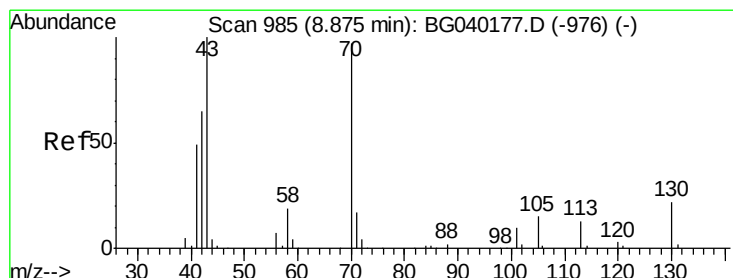
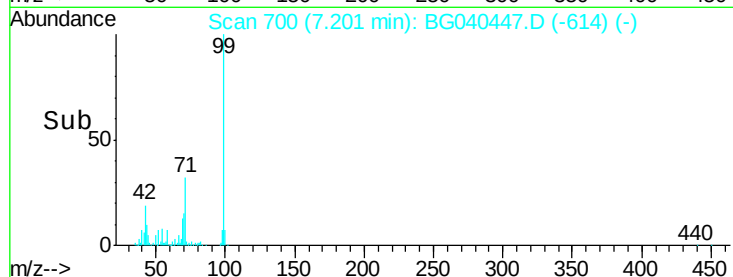
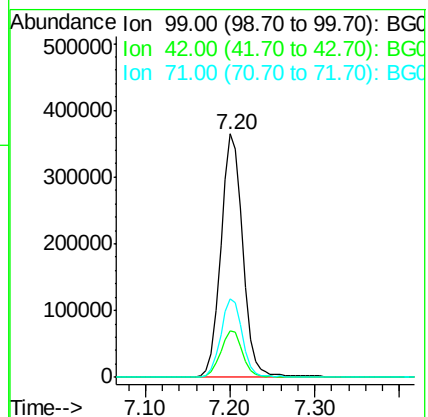
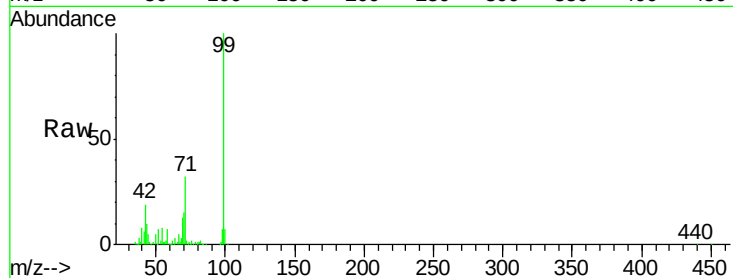
Tot Ion: 99 Resp: 661416

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.2

71 32.2 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.811 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040447.D

Acq: 11 Apr 2019 18:49

Tgt Ion: 70 Resp: 48647

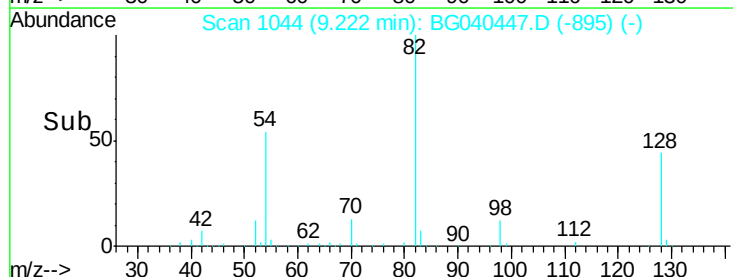
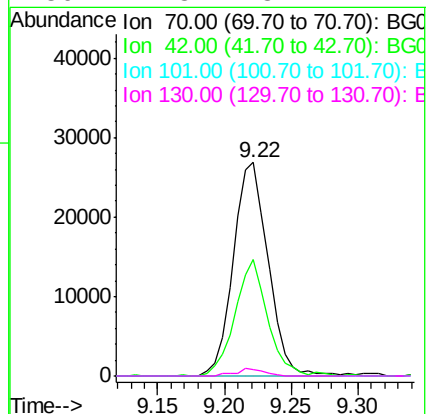
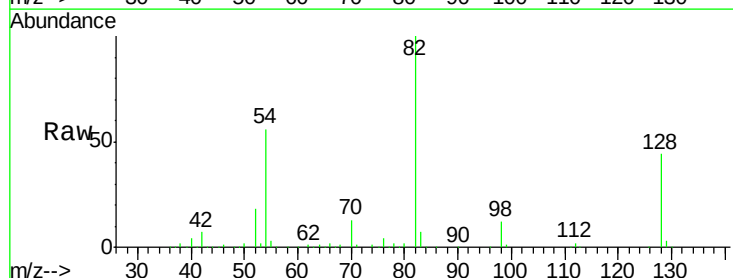
Ion Ratio Lower Upper

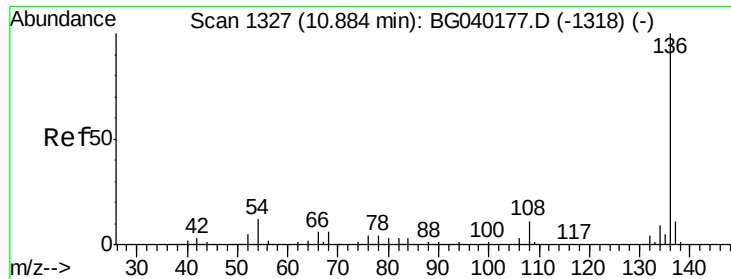
70 100

42 54.8 54.0 81.0

101 0.0 8.6 13.0#

130 2.8 18.2 27.2#

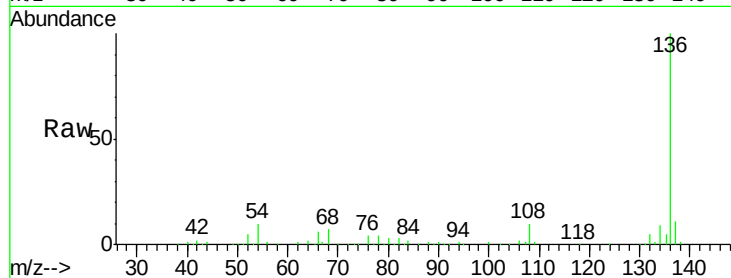




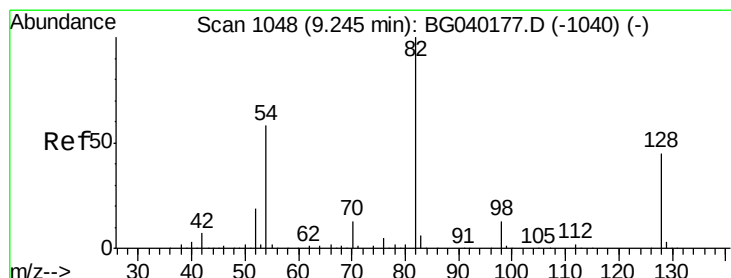
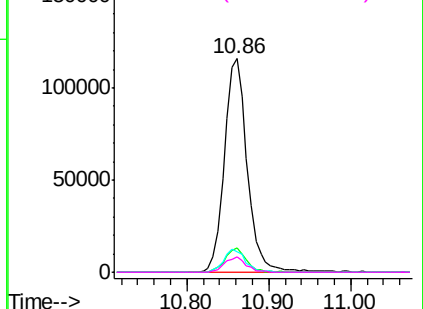
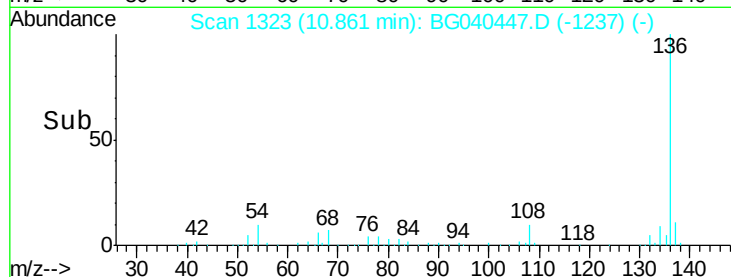
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040447.D
Acq: 11 Apr 2019 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	224866
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	9.8	9.6 14.4
68	7.1	5.1 7.7

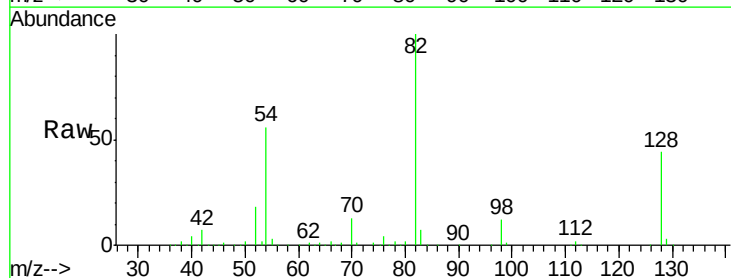


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

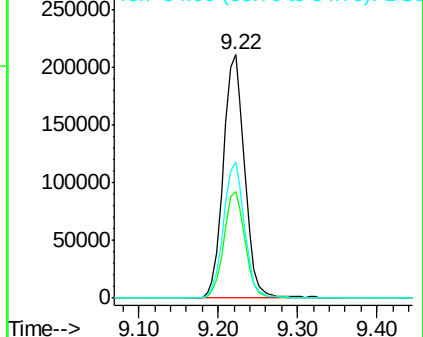
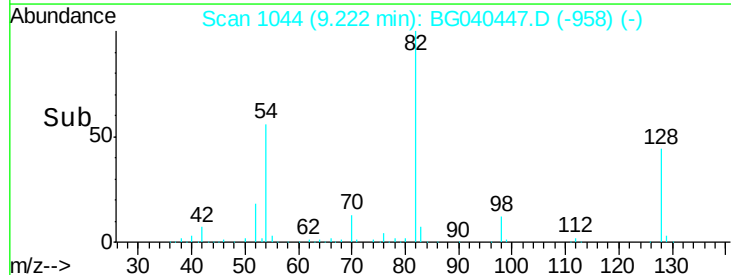


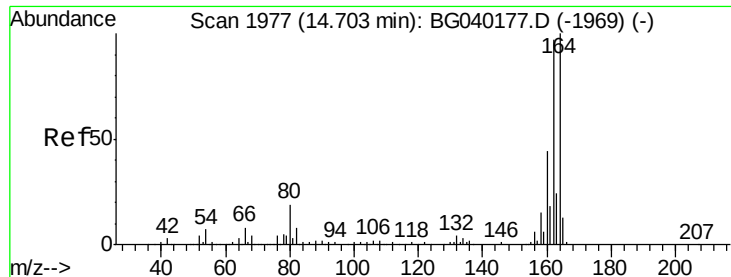
#23
Nitrobenzene-d5
Concen: 92.768 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040447.D
Acq: 11 Apr 2019 18:49

Tgt Ion: 82	Resp:	392458
Ion Ratio	Lower	Upper
82	100	
128	44.0	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): BGC
Ion 54.00 (53.70 to 54.70): BGC

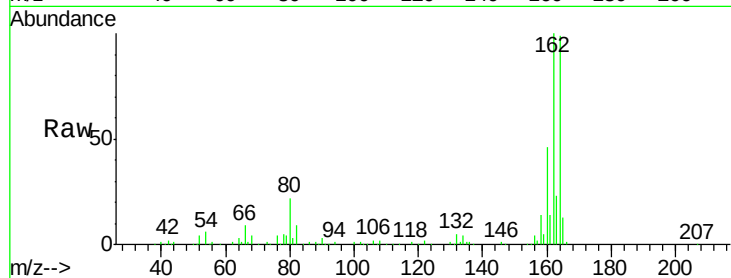




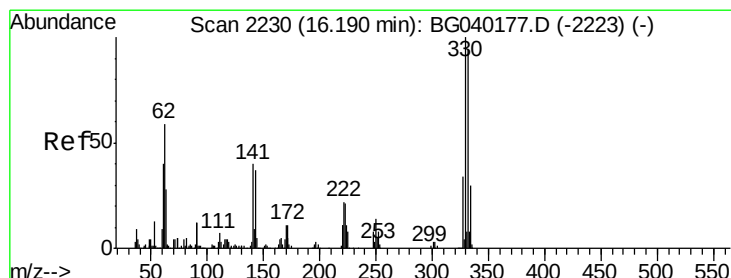
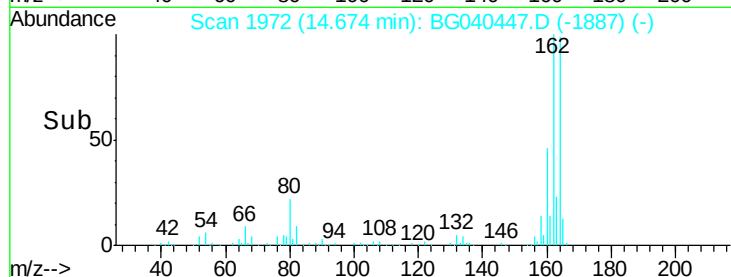
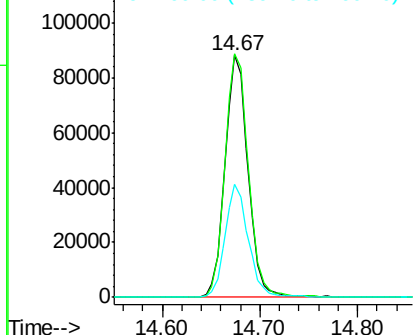
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040447.D
Acq: 11 Apr 2019 18:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 144142
Ion Ratio Lower Upper
164 100
162 100.6 77.4 116.2
160 46.7 35.3 52.9

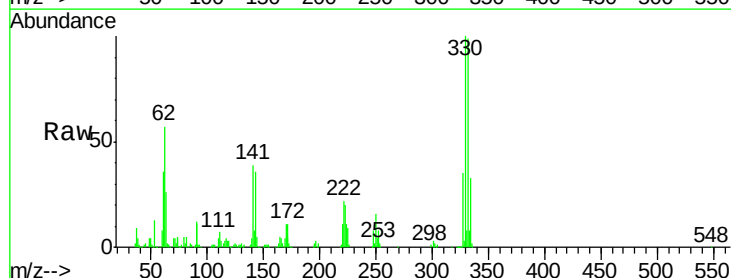


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

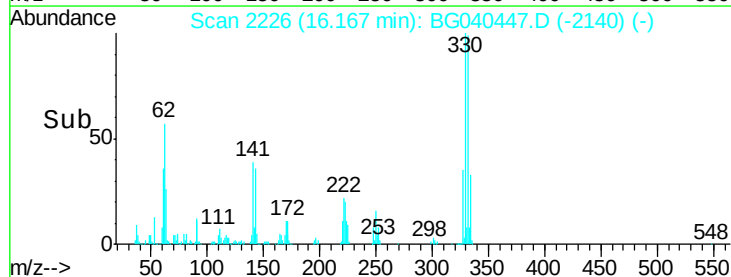
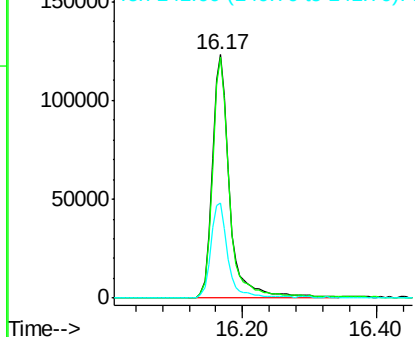


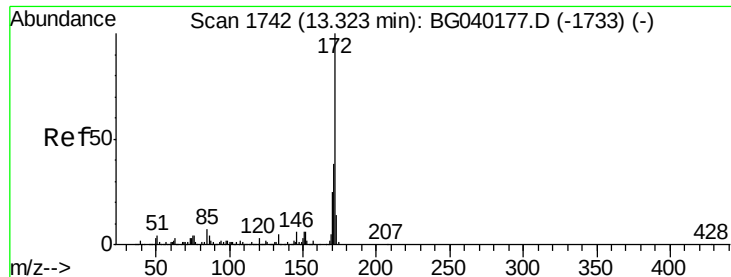
#42
2,4,6-Tribromophenol
Concen: 145.033 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040447.D
Acq: 11 Apr 2019 18:49

Tgt Ion:330 Resp: 225933
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 38.5 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

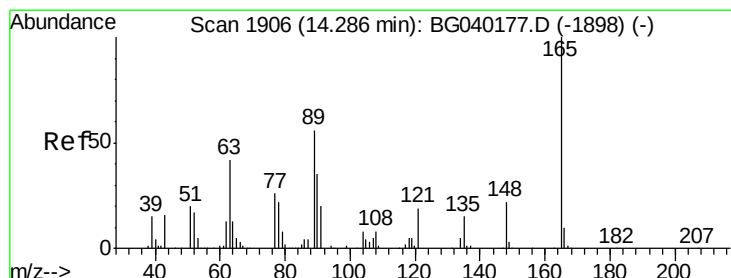
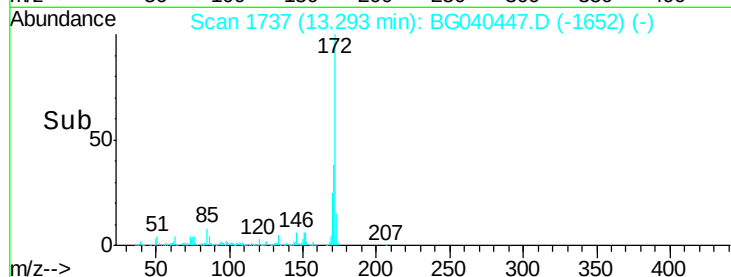
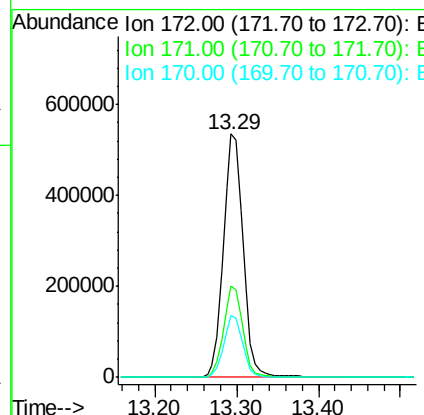
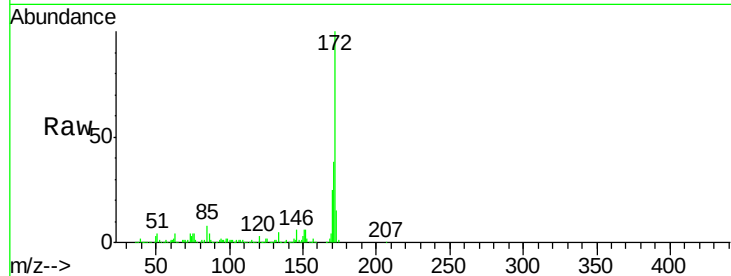




#45
2-Fluorobiphenyl
Concen: 92.581 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040447.D
Acq: 11 Apr 2019 18:49

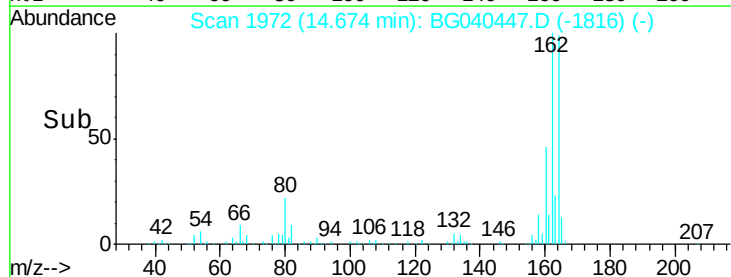
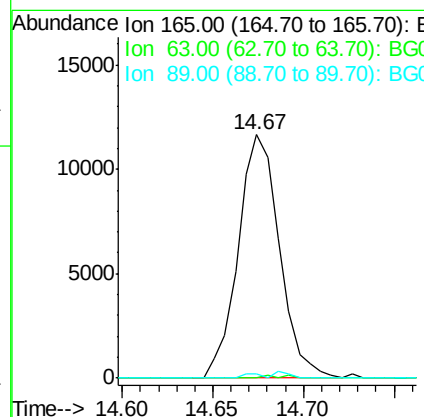
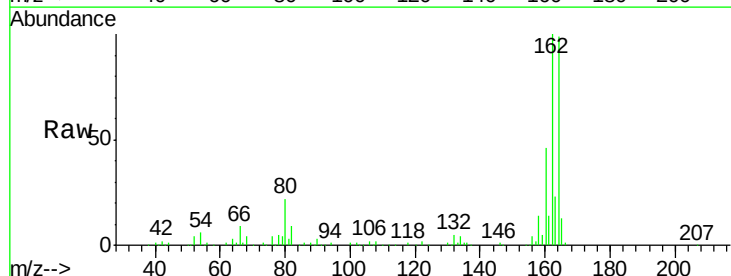
Instrument :
BNA_G
ClientSampleId :

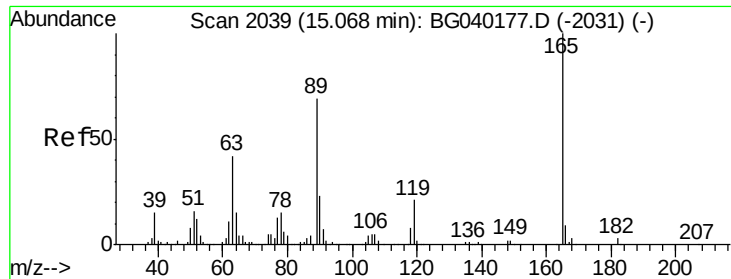
Tot Ion:172 Resp: 900602
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 25.2 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.283 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040447.D
Acq: 11 Apr 2019 18:49

Tgt Ion:165 Resp: 18448
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 1.6 44.9 67.3#





#57

2,4-Dinitrotoluene

Concen: 5.241 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.39 min

Lab File: BG040447.D

Acq: 11 Apr 2019 18:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 18448

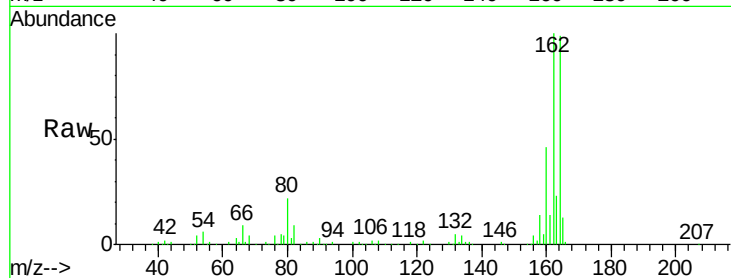
Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.6#

89 1.6 55.4 83.2#

182 0.0 2.2 3.4#

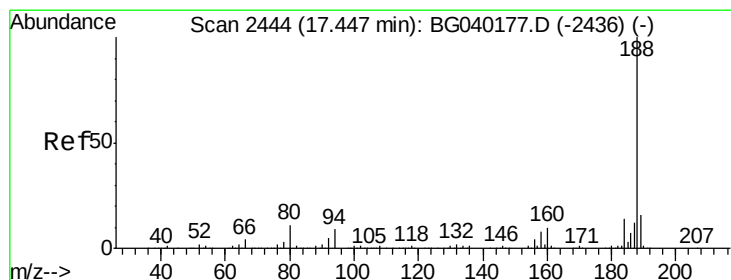
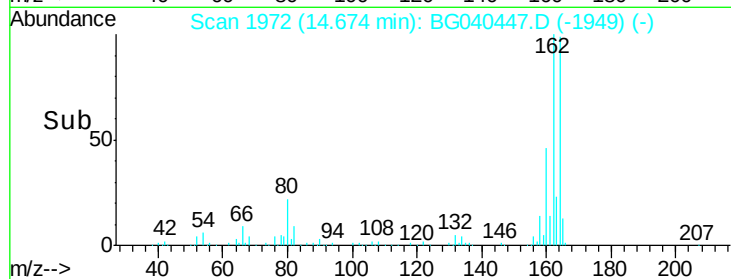
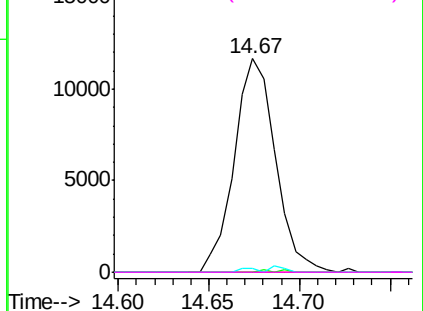


Abundance Ion 165.00 (164.70 to 165.70): E

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: BG040447.D

Acq: 11 Apr 2019 18:49

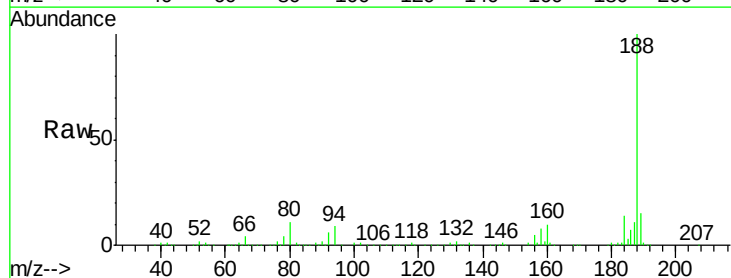
Tgt Ion:188 Resp: 358731

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

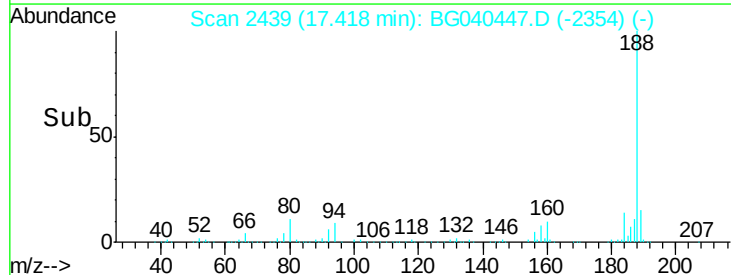
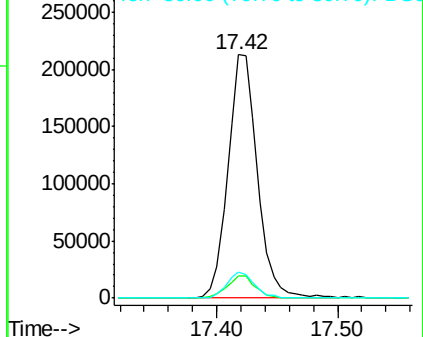
80 10.7 8.6 13.0

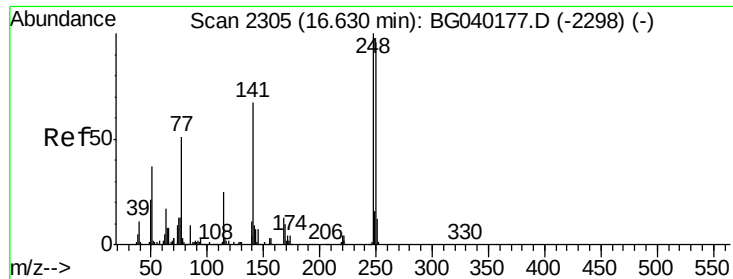


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

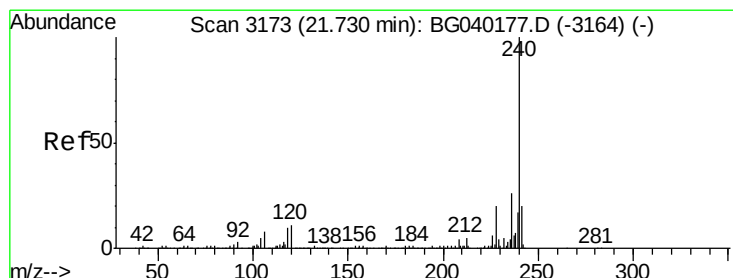
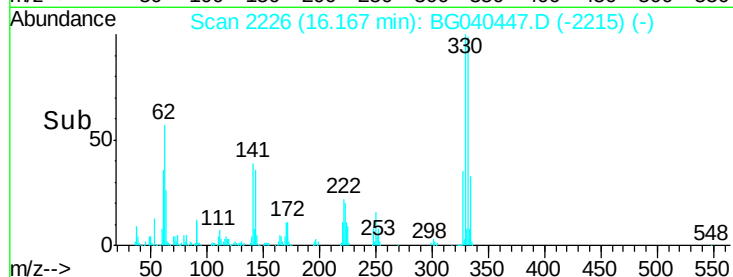
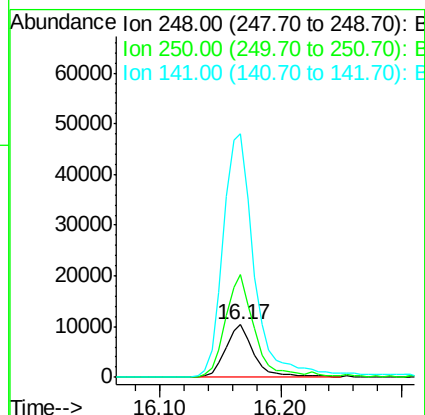
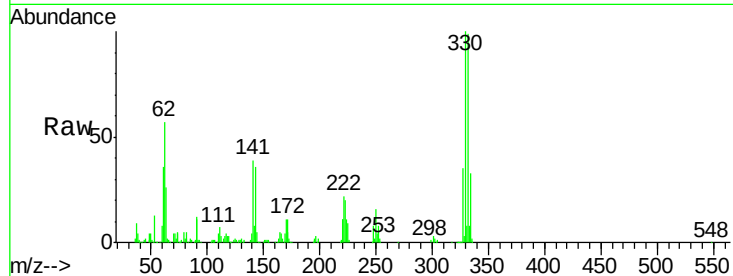




#67
 4-Bromophenyl-phenylether
 Concen: 4.224 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040447.D
 Acq: 11 Apr 2019 18:49

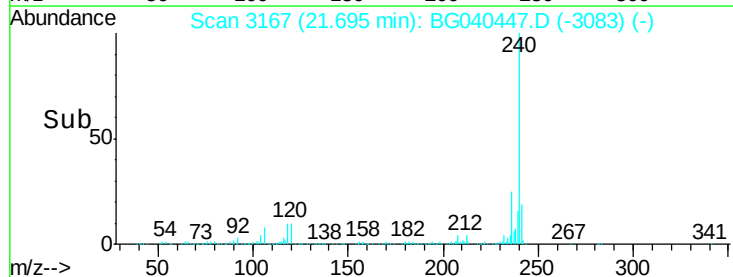
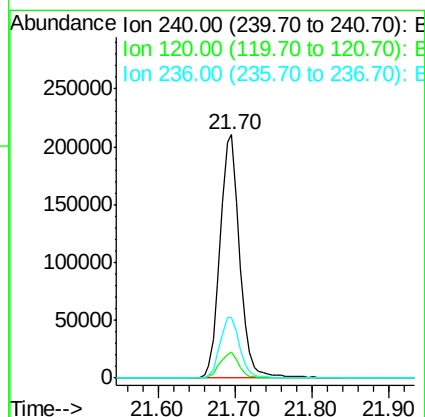
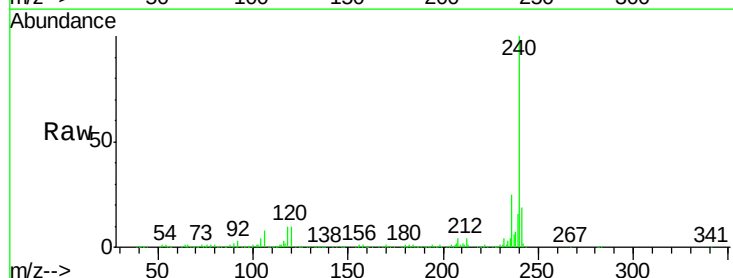
Instrument :
 BNA_G
 ClientSampleId :

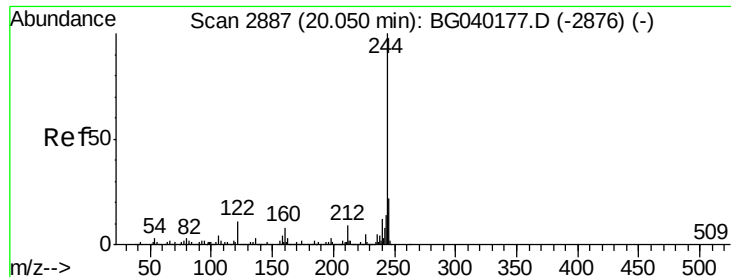
Tot Ion:248 Resp: 17052
 Ion Ratio Lower Upper
 248 100
 250 195.2 76.4 114.6#
 141 461.3 53.8 80.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.04 min
 Lab File: BG040447.D
 Acq: 11 Apr 2019 18:49

Tgt Ion:240 Resp: 370736
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 25.1 20.8 31.2





#79

Terphenyl-d14

Concen: 86.938 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040447.D

Acq: 11 Apr 2019 18:49

Instrument :

BNA_G

ClientSampled :

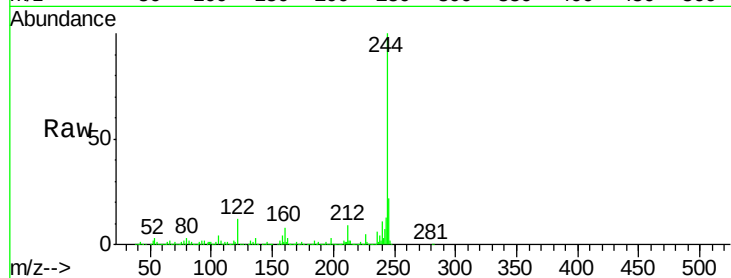
Tot Ion:244 Resp: 1432704

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

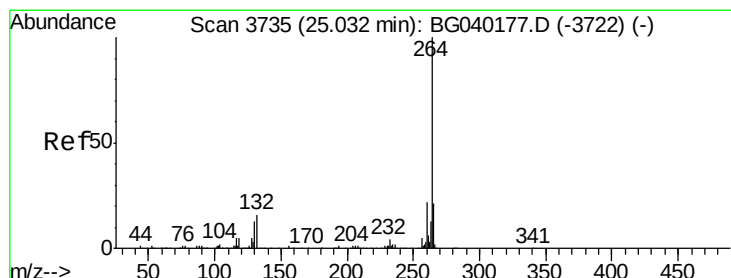
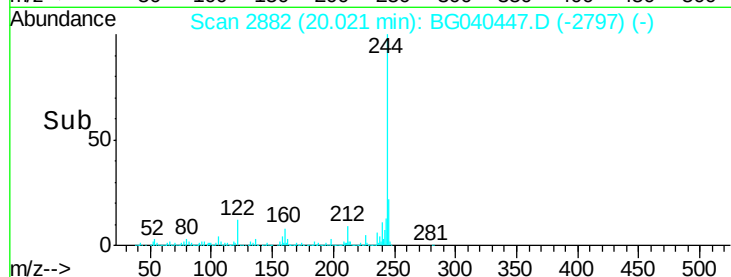
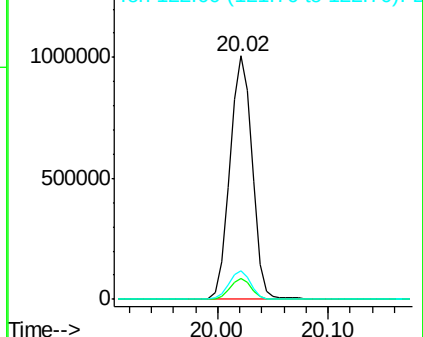
122 11.7 8.5 12.7



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: BG040447.D

Acq: 11 Apr 2019 18:49

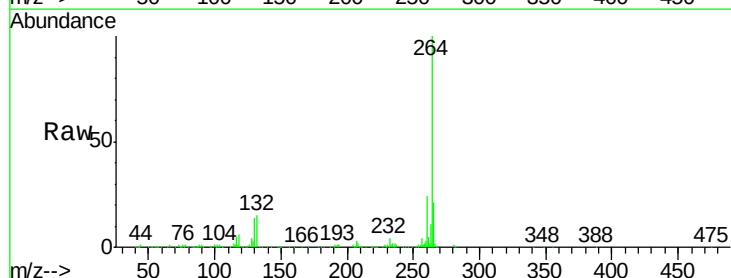
Tgt Ion:264 Resp: 353820

Ion Ratio Lower Upper

264 100

260 24.1 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

