

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040307.D
 Acq On : 2 Apr 2019 21:59
 Operator : JU/SJ
 Sample : K2180-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 00:51:55 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

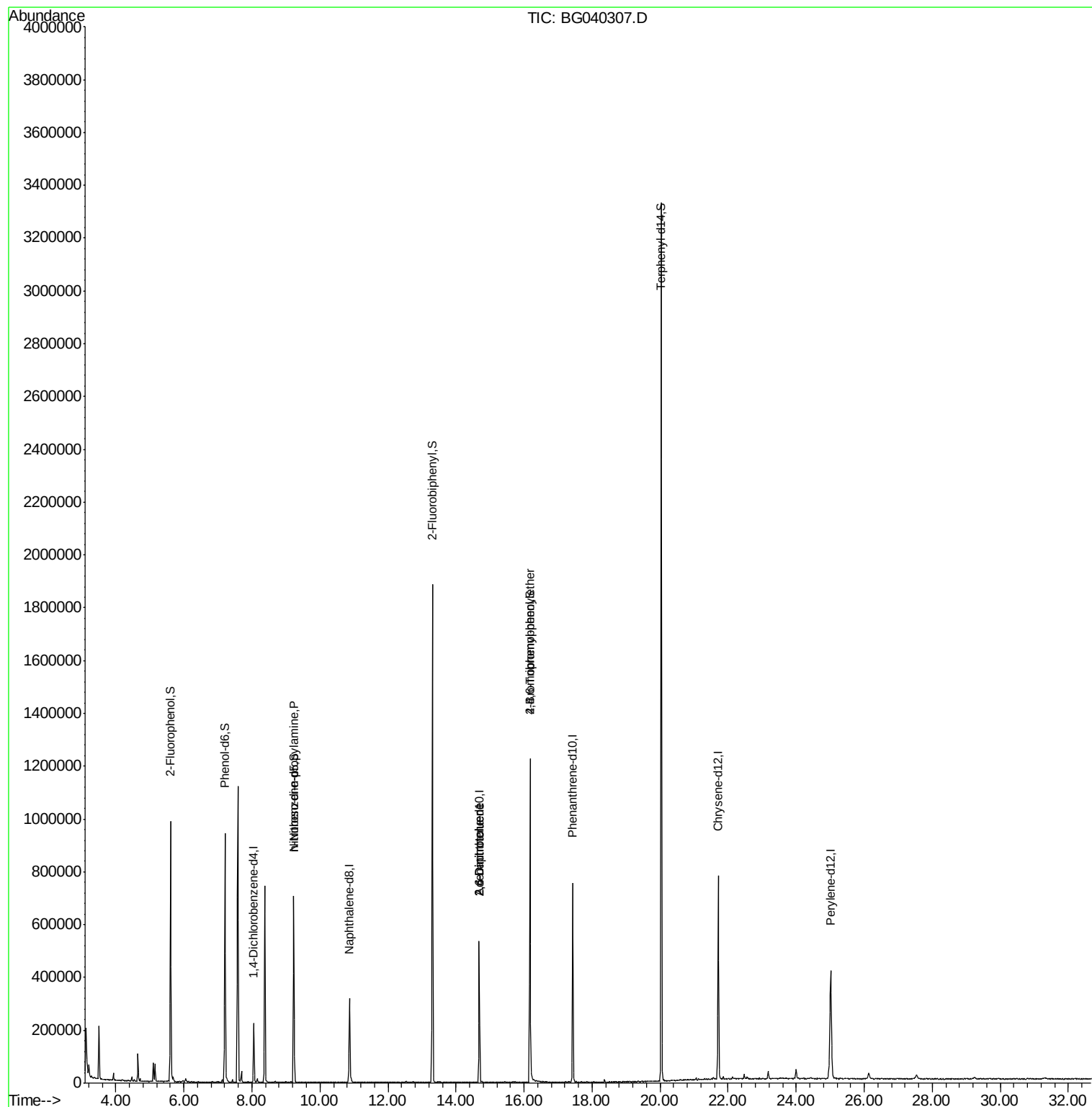
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64001	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	274446	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	189967	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	474758	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	479738	20.00	ng	-0.02
87) Perylene-d12	25.02	264	478643	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	430746	111.89	ng	0.00
7) Phenol-d6	7.21	99	548640	103.12	ng	-0.02
23) Nitrobenzene-d5	9.23	82	426340	82.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	233573	113.77	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	1003533	78.28	ng	-0.02
79) Terphenyl-d14	20.03	244	1684408	78.99	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	53313	13.975	ng	# 77
51) 2,6-Dinitrotoluene	14.68	165	24767	7.419	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	24767	5.339	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	17825	3.336	ng	# 1

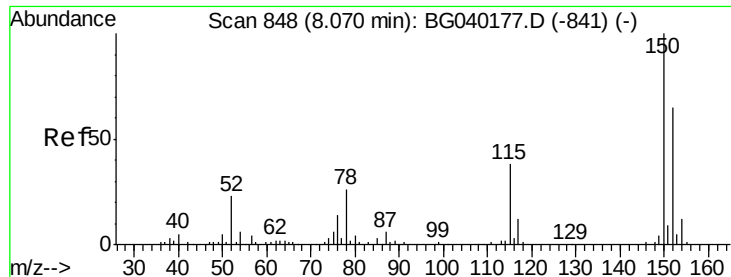
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
Data File : BG040307.D
Acq On : 2 Apr 2019 21:59
Operator : JU/SJ
Sample : K2180-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 03 00:51:55 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



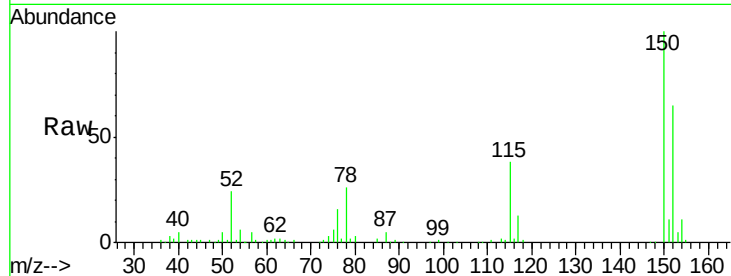


#1

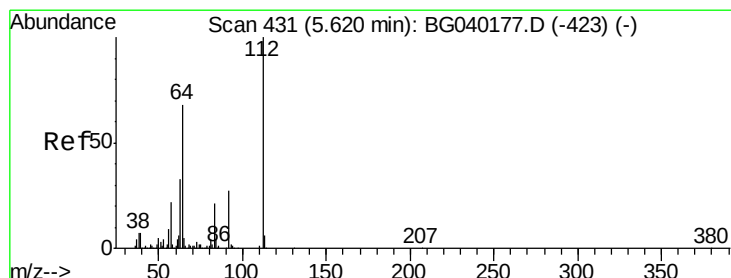
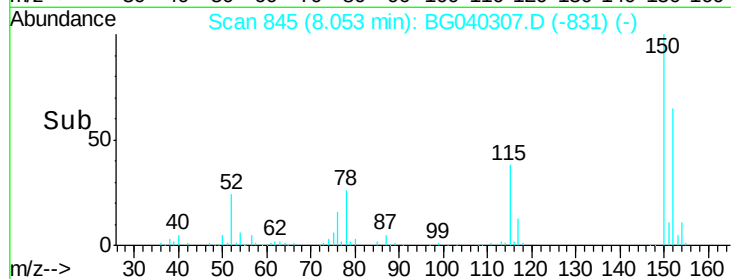
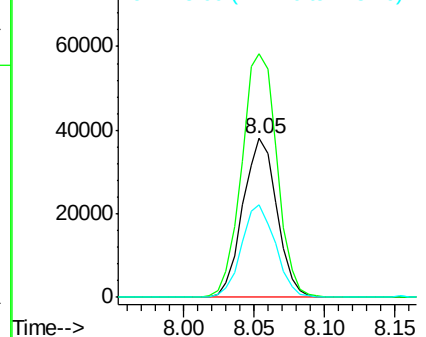
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040307.D
Acq: 2 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64001
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 57.9 46.9 70.3



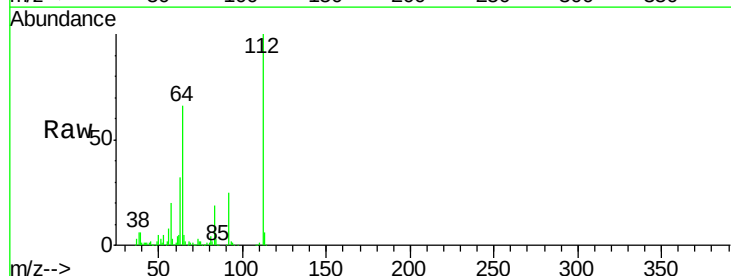
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



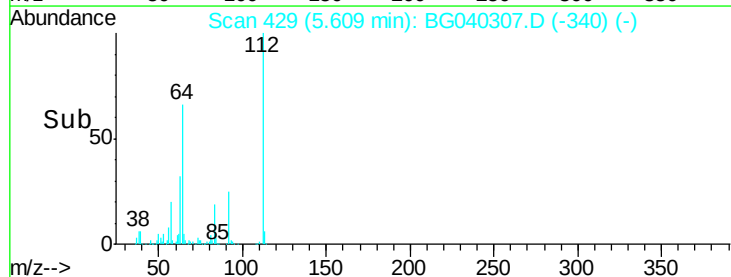
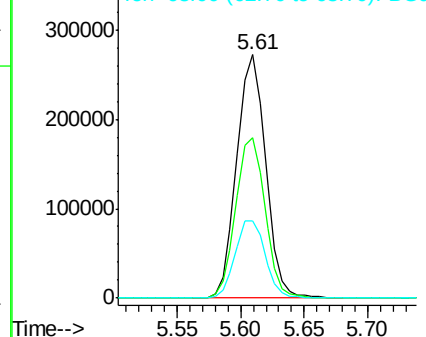
#5

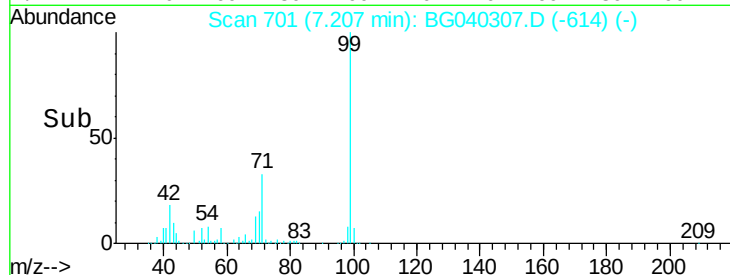
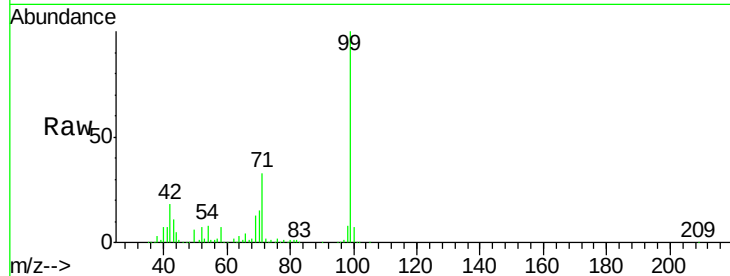
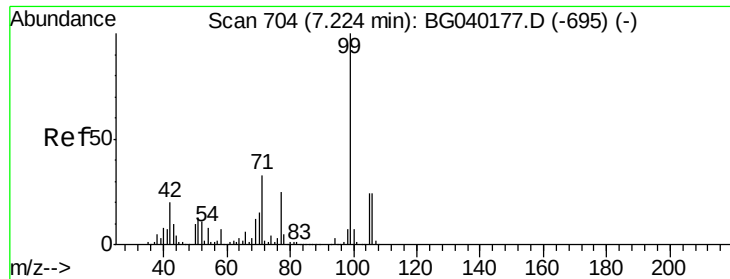
2-Fluorophenol
Concen: 111.885 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040307.D
Acq: 2 Apr 2019 21:59

Tgt Ion:112 Resp: 430746
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.2
63 31.7 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: 103.116 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040307.D

Acq: 2 Apr 2019 21:59

Instrument :

BNA_G

ClientSampleId :

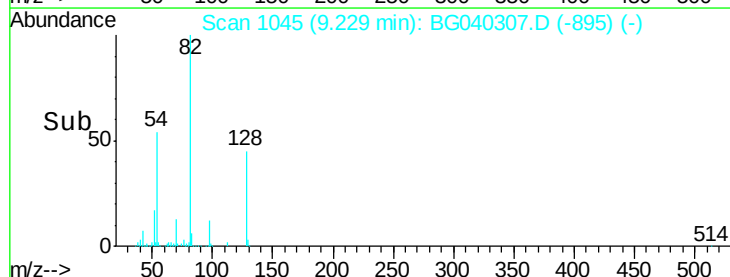
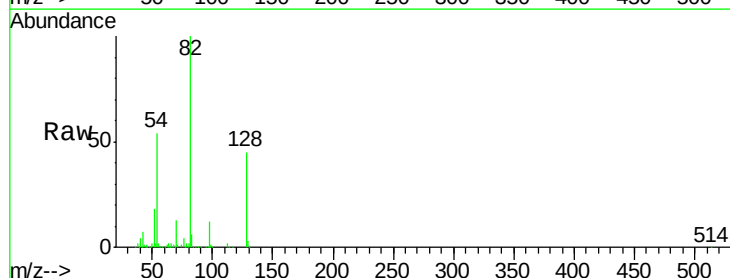
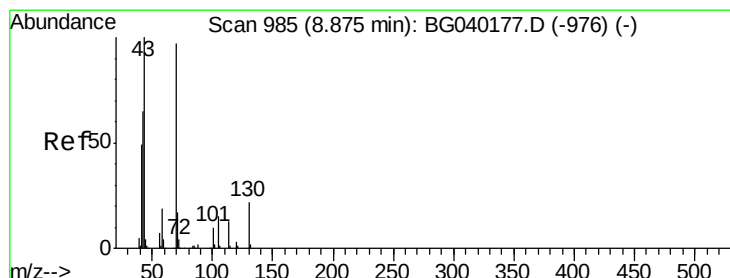
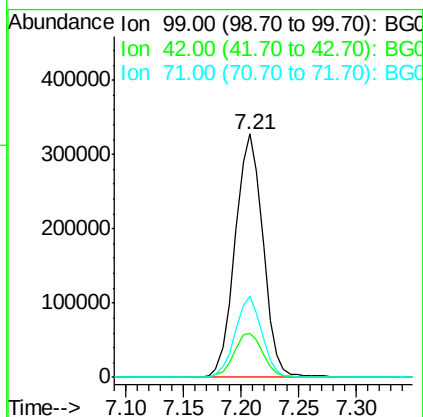
Tot Ion: 99 Resp: 548640

Ion Ratio Lower Upper

99 100

42 18.1 16.2 24.2

71 33.0 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.975 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040307.D

Acq: 2 Apr 2019 21:59

Tgt Ion: 70 Resp: 53313

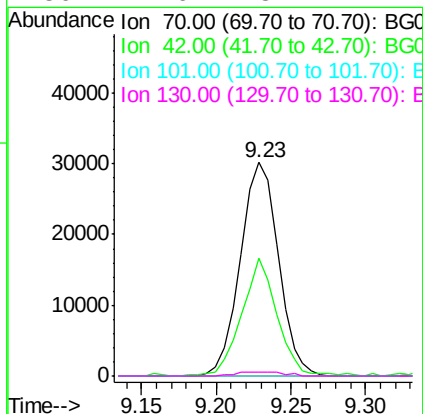
Ion Ratio Lower Upper

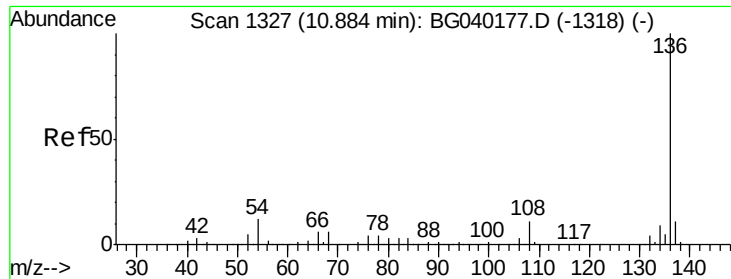
70 100

42 54.9 54.0 81.0

101 0.0 8.6 13.0#

130 1.6 18.2 27.2#

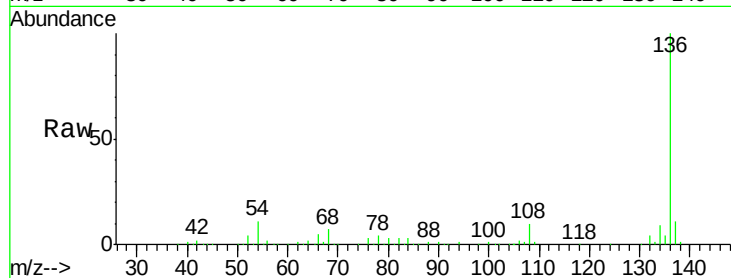




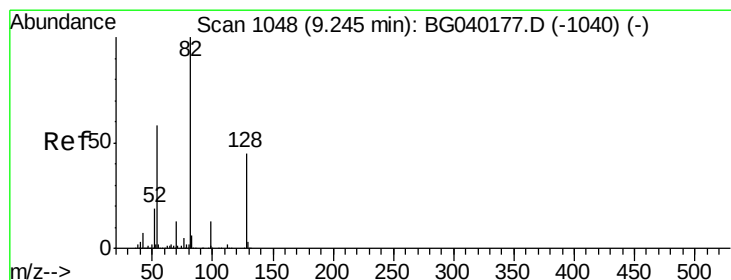
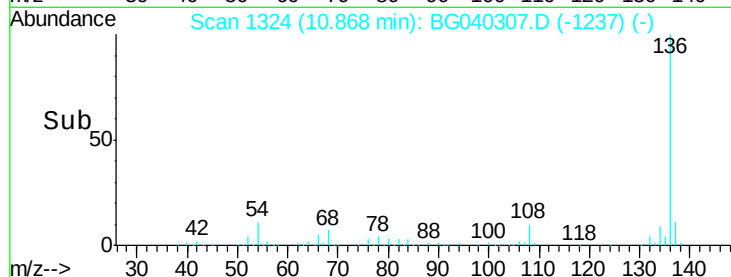
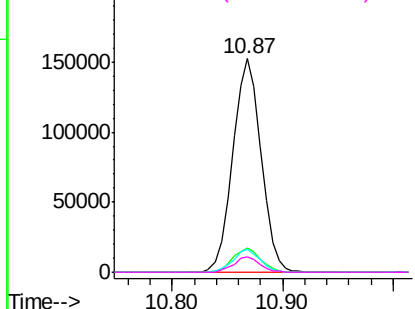
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040307.D
Acq: 2 Apr 2019 21:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	274446
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.9 13.3
54	10.7	9.6 14.4
68	7.4	5.1 7.7

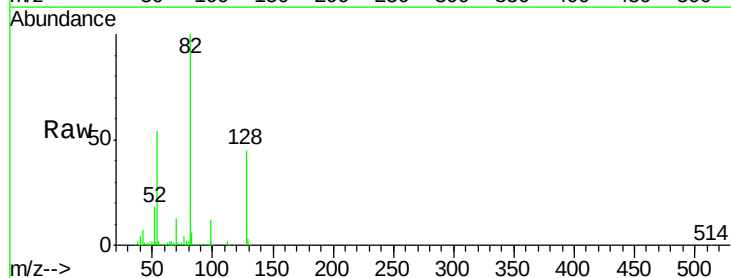


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

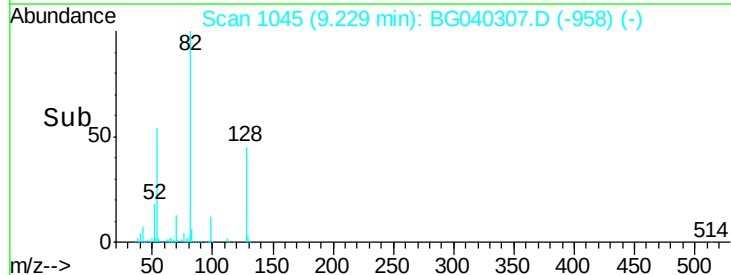
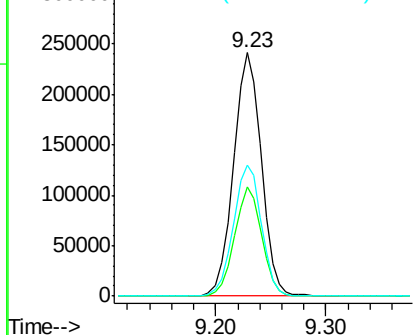


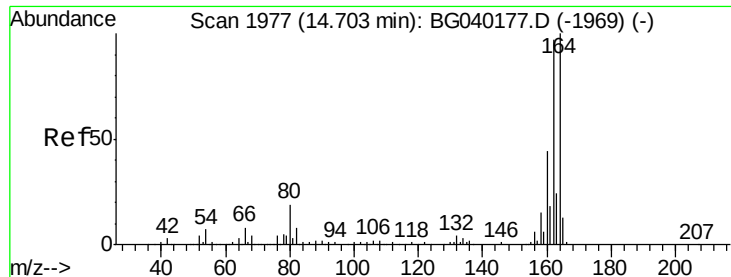
#23
Nitrobenzene-d5
Concen: 82.572 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040307.D
Acq: 2 Apr 2019 21:59

Tgt Ion: 82	Resp:	426340
Ion	Ratio	Lower Upper
82	100	
128	44.9	35.8 53.8
54	53.9	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# 1973

Delta R.T. -0.02 min

Lab File: BG040307.D

Acq: 2 Apr 2019 21:59

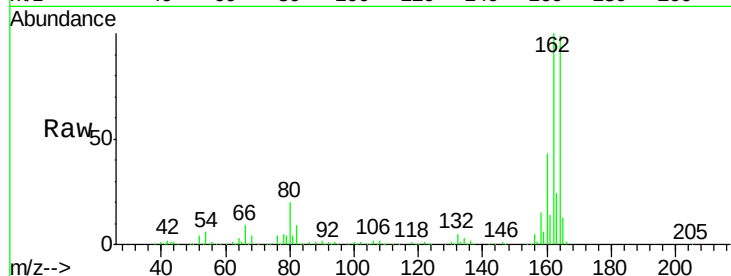
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 189967

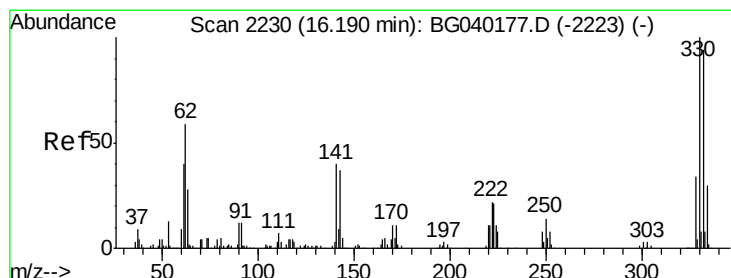
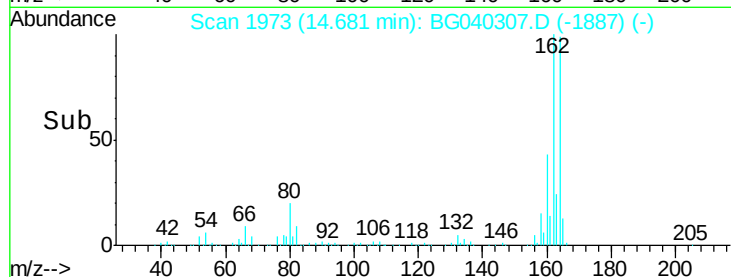
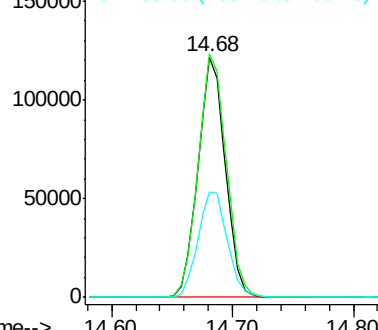
Ion	Ratio	Lower	Upper
164	100		
162	101.3	77.4	116.2
160	43.6	35.3	52.9



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: 113.769 ng

RT: 16.17 min Scan# 2227

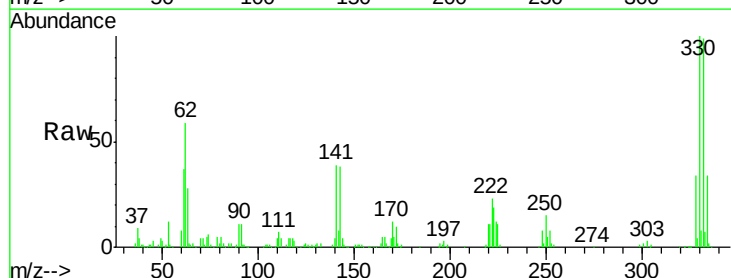
Delta R.T. -0.02 min

Lab File: BG040307.D

Acq: 2 Apr 2019 21:59

Tgt Ion:330 Resp: 233573

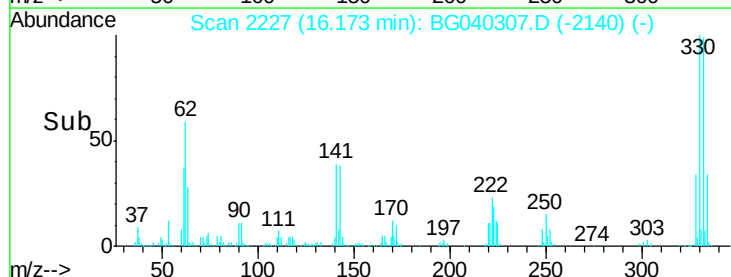
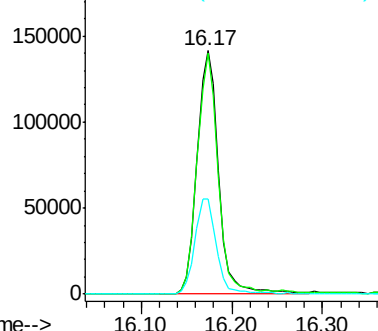
Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	115.0
141	39.2	32.6	48.8

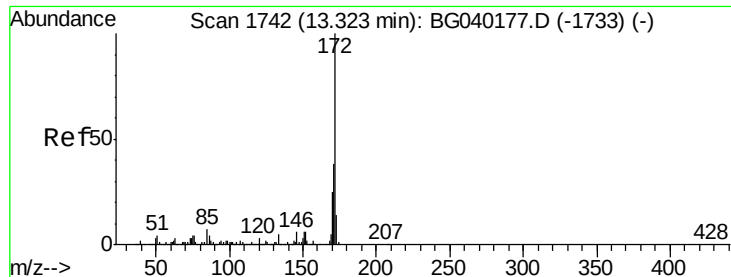


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

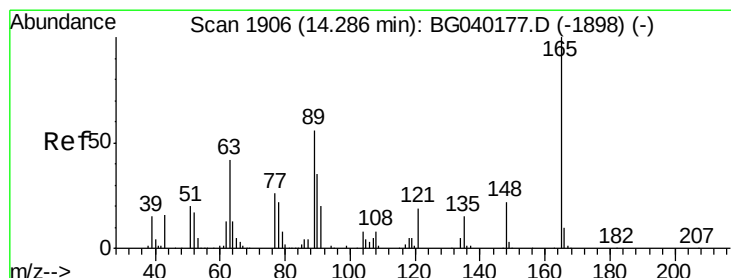
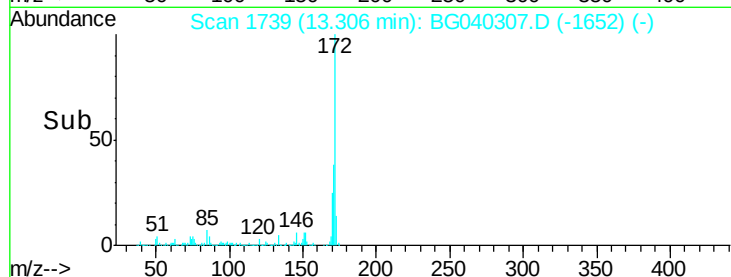
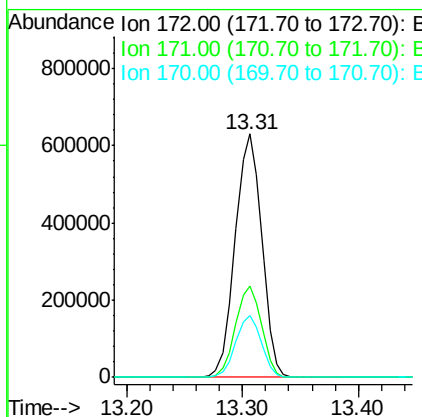
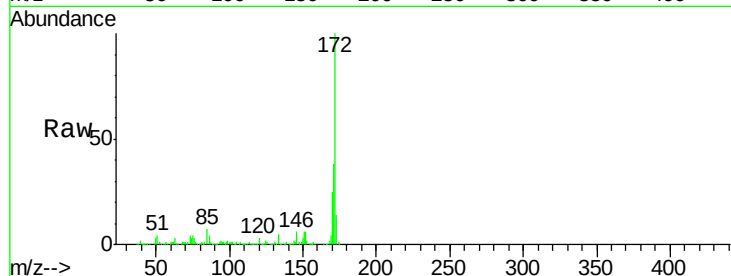




#45
2-Fluorobiphenyl
Concen: 78.277 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040307.D
Acq: 2 Apr 2019 21:59

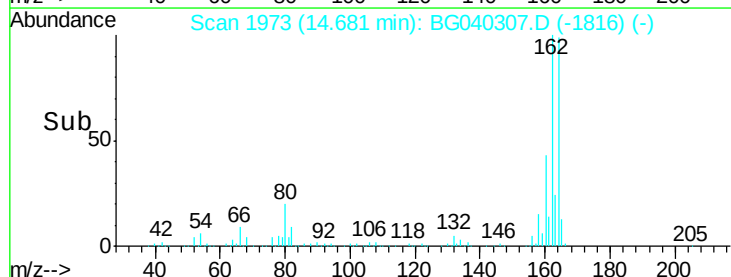
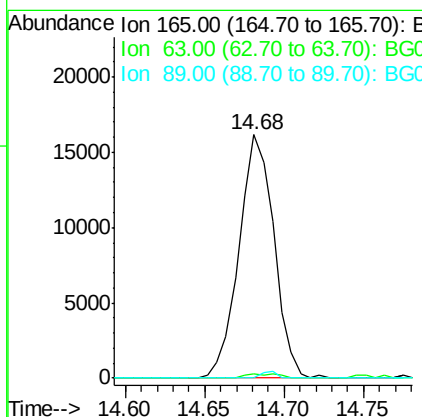
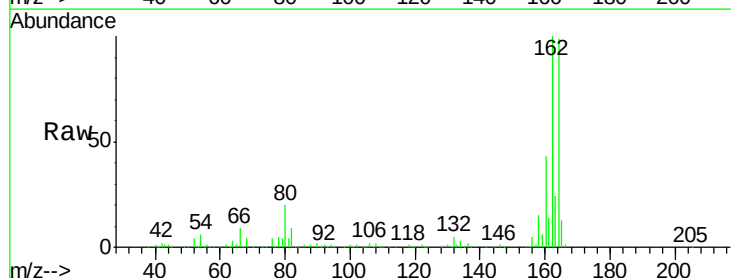
Instrument :
BNA_G
ClientSampleId :

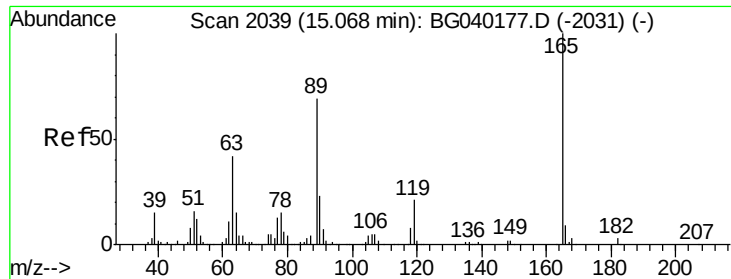
Tot Ion:172 Resp: 1003533
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 25.4 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.419 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040307.D
Acq: 2 Apr 2019 21:59

Tgt Ion:165 Resp: 24767
Ion Ratio Lower Upper
165 100
63 1.6 44.1 66.1#
89 0.0 44.9 67.3#

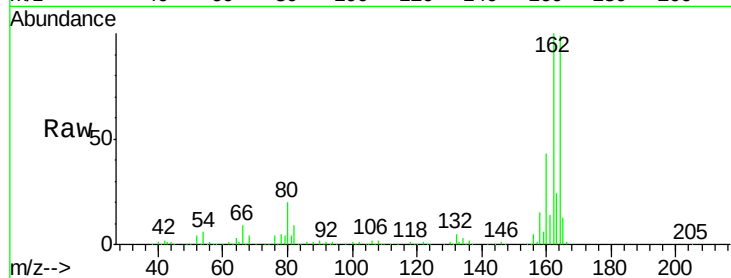




#57
 2,4-Dinitrotoluene
 Concen: 5.339 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040307.D
 Acq: 2 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	24767
Ion Ratio	Lower	Upper
165	100	
63	1.6	33.8 50.6#
89	0.0	55.4 83.2#
182	0.0	2.2 3.4#

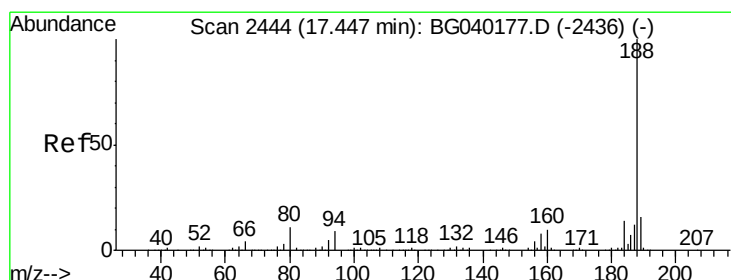
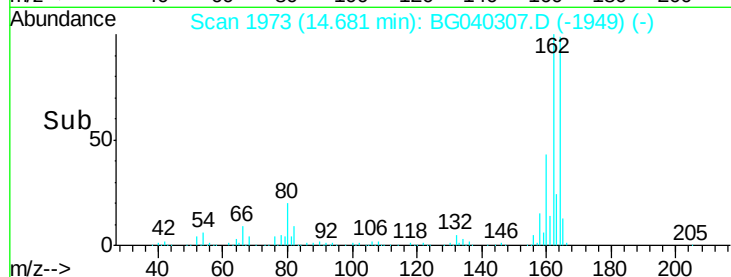
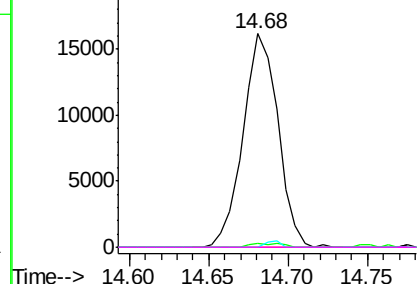


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

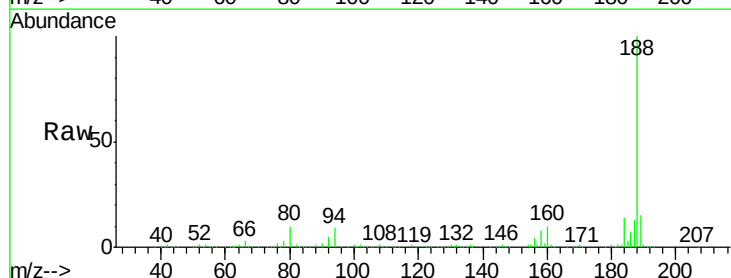
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040307.D
 Acq: 2 Apr 2019 21:59

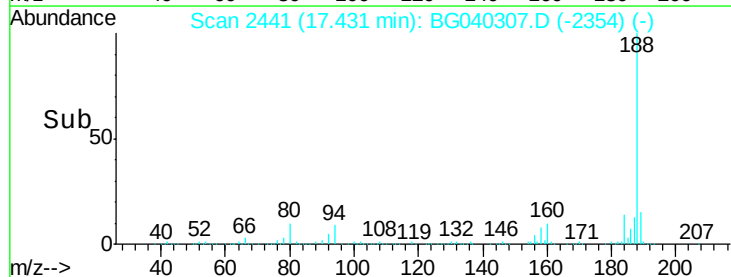
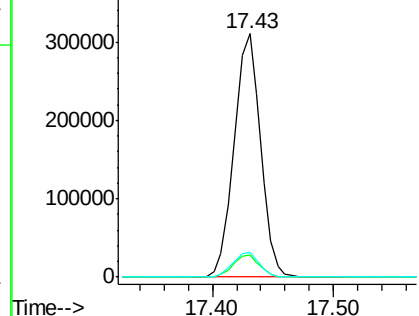
Tgt Ion:188	Resp:	474758
Ion Ratio	Lower	Upper
188	100	
94	9.0	7.0 10.4
80	10.0	8.6 13.0

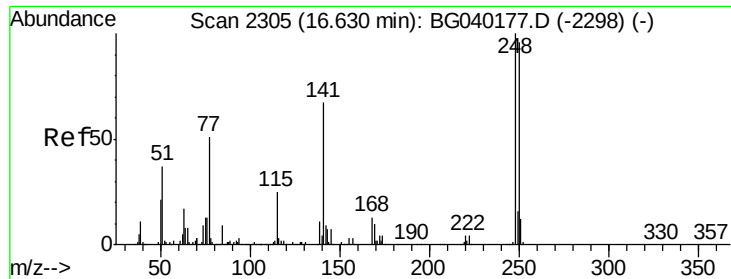


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

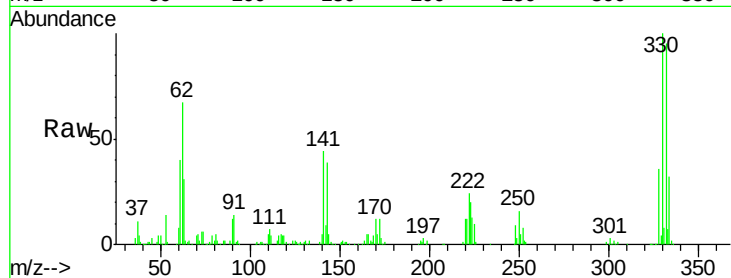




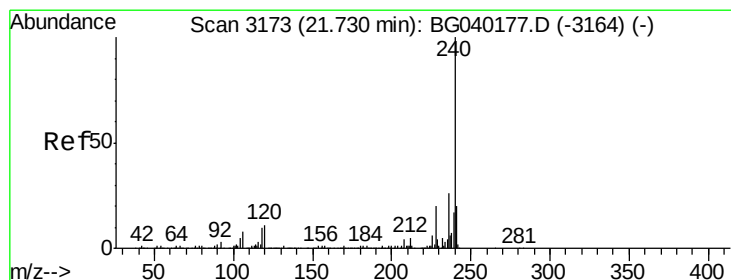
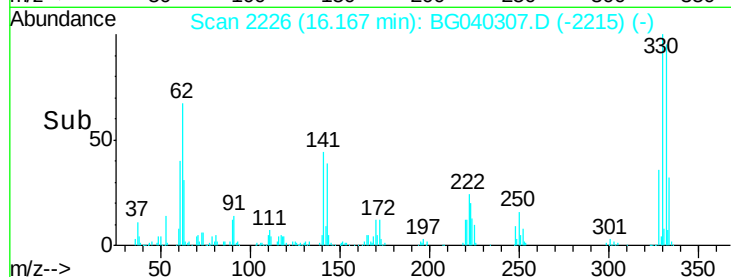
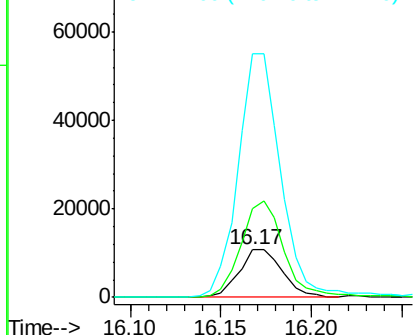
#67
 4-Bromophenyl-phenylether
 Concen: 3.336 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040307.D
 Acq: 2 Apr 2019 21:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 17825
 Ion Ratio Lower Upper
 248 100
 250 187.6 76.4 114.6#
 141 511.2 53.8 80.8#

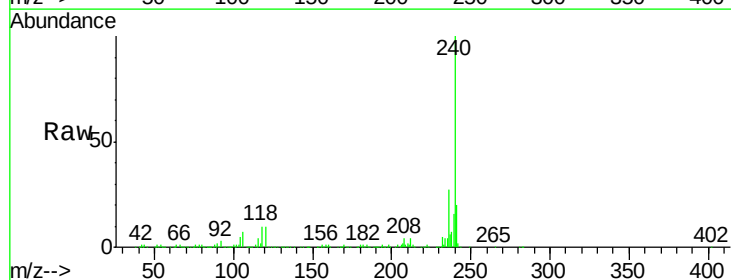


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

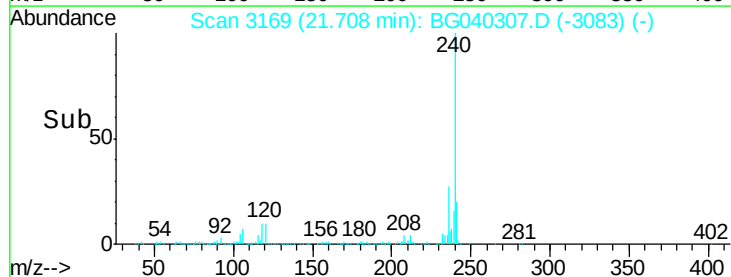
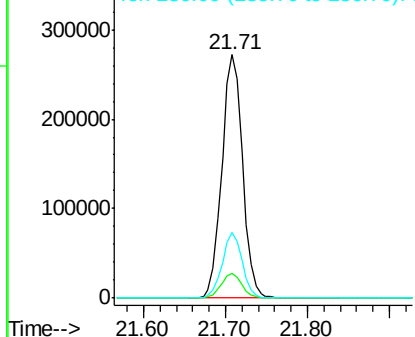


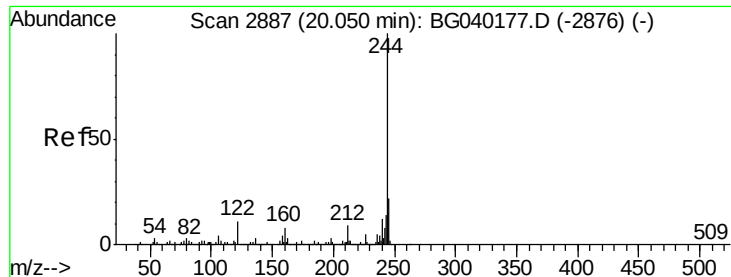
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040307.D
 Acq: 2 Apr 2019 21:59

Tgt Ion:240 Resp: 479738
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 27.0 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: 78.988 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040307.D

Acq: 2 Apr 2019 21:59

Instrument :

BNA_G

ClientSampled :

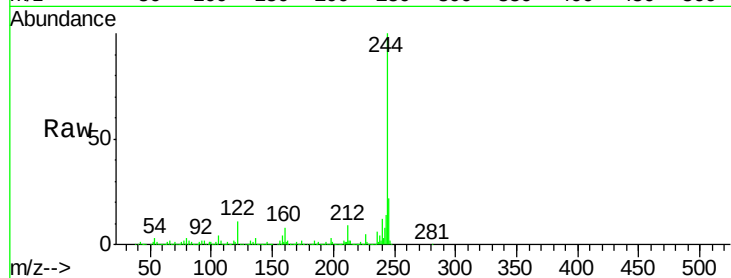
Tot Ion:244 Resp: 1684408

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

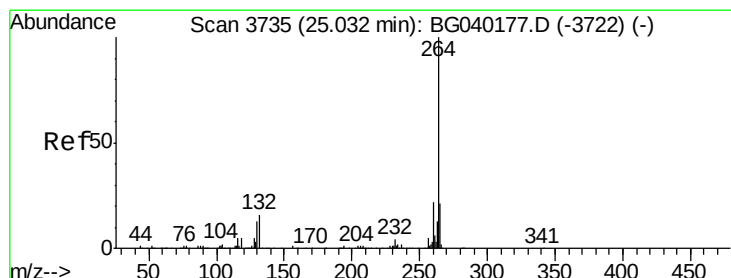
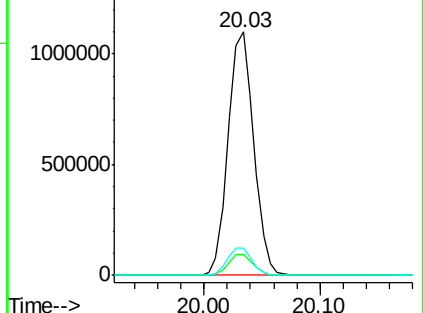
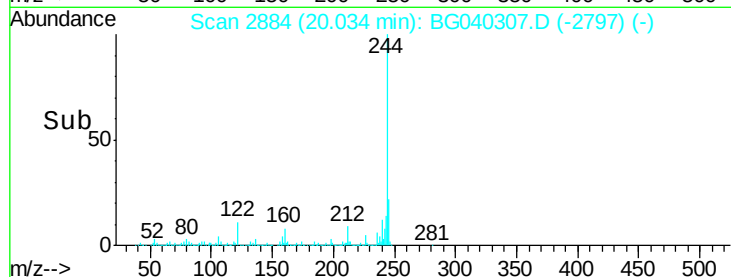
122 11.4 8.5 12.7



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. -0.02 min

Lab File: BG040307.D

Acq: 2 Apr 2019 21:59

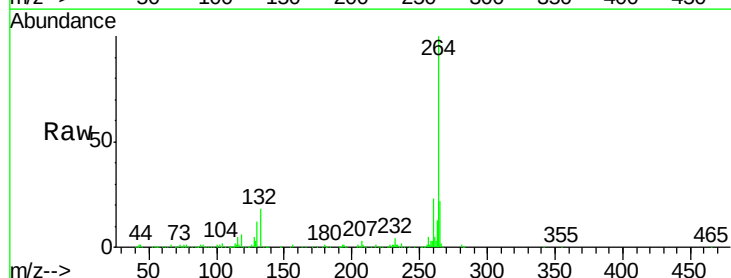
Tgt Ion:264 Resp: 478643

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 22.2 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

