

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040331.D
 Acq On : 3 Apr 2019 18:25
 Operator : JU/SJ
 Sample : PB118462BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:24:03 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

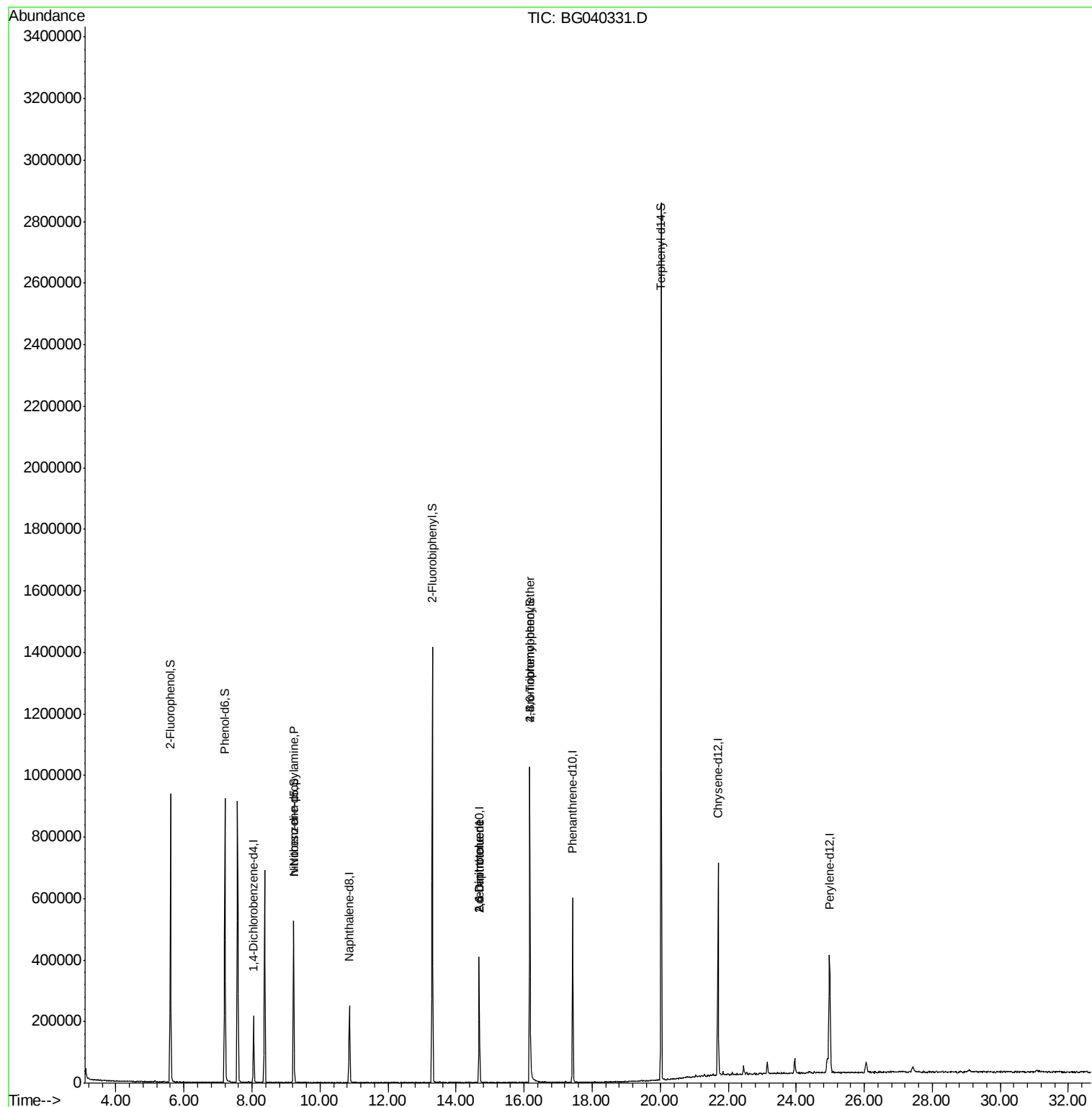
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60186	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	233312	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	145558	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	380127	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	421695	20.00	ng	-0.03
87) Perylene-d12	24.98	264	420864	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	420882	116.25	ng	-0.02
7) Phenol-d6	7.20	99	558296	111.58	ng	-0.02
23) Nitrobenzene-d5	9.22	82	329273	75.02	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	201252	127.93	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	761064	77.48	ng	-0.02
79) Terphenyl-d14	20.03	244	1331865	71.05	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	40994	11.427	ng	# 75
51) 2,6-Dinitrotoluene	14.68	165	18397	7.192	ng	# 24
57) 2,4-Dinitrotoluene	14.68	165	18397	5.176	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	15588	3.644	ng	# 1

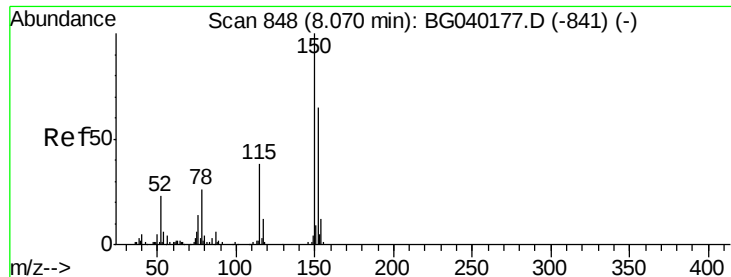
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
Data File : BG040331.D
Acq On : 3 Apr 2019 18:25
Operator : JU/SJ
Sample : PB118462BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 04 01:24:03 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



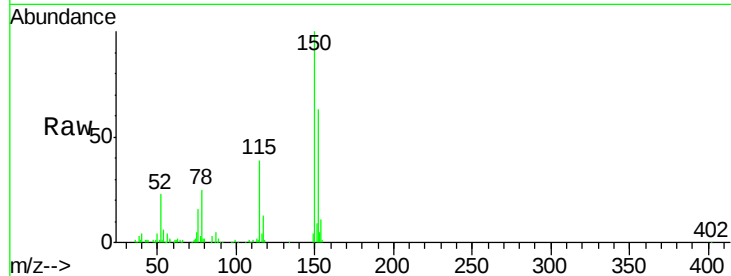


#1

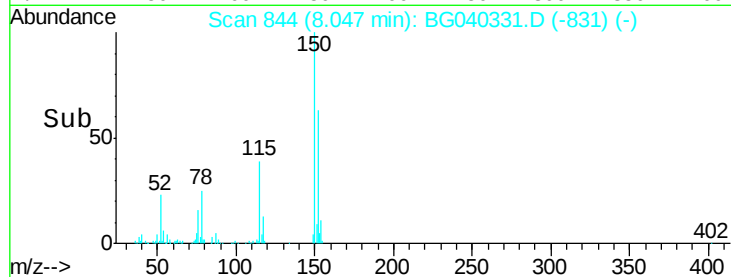
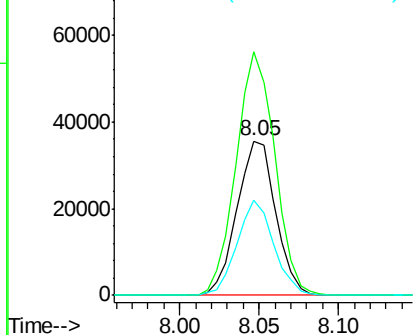
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60186
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 61.7 46.9 70.3



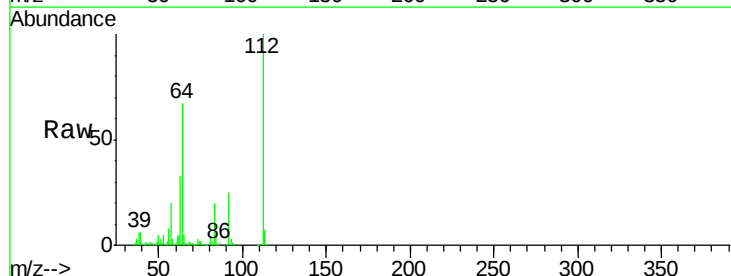
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



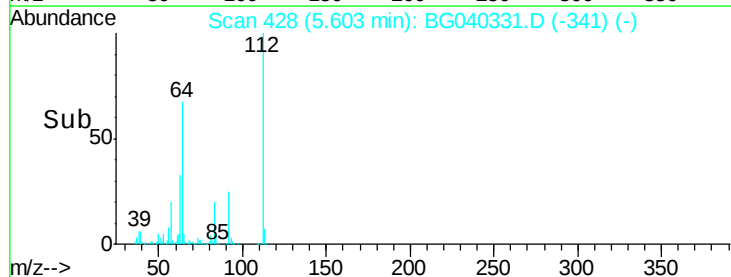
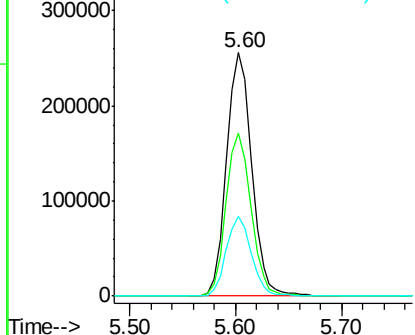
#5

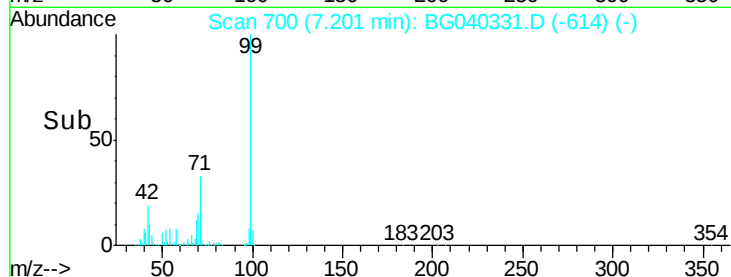
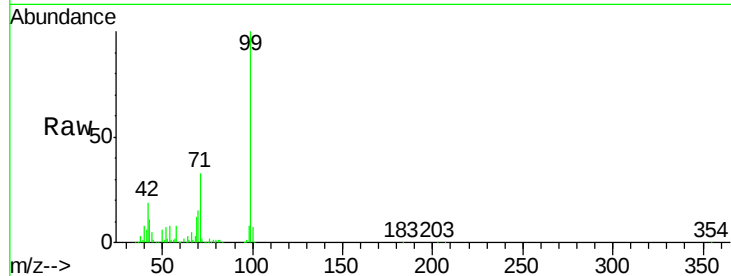
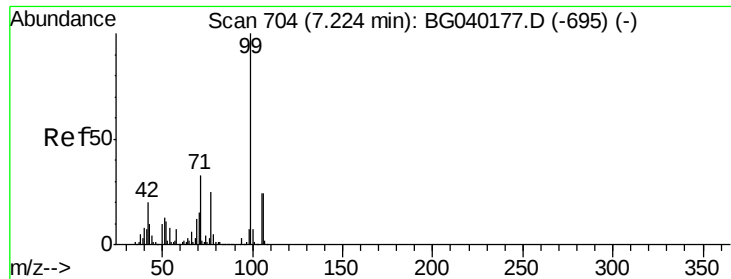
2-Fluorophenol
Concen: 116.253 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

Tgt Ion:112 Resp: 420882
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.2
63 32.5 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: 111.582 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040331.D

Acq: 3 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

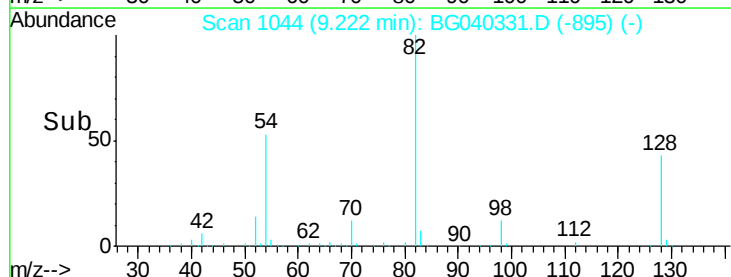
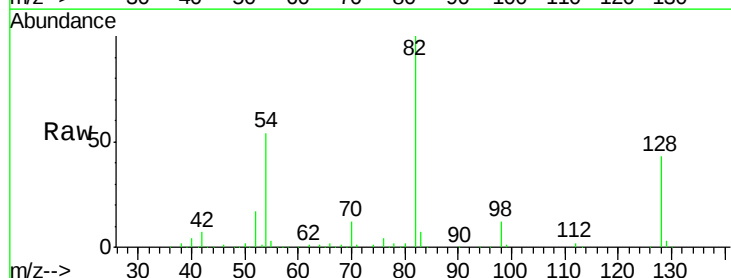
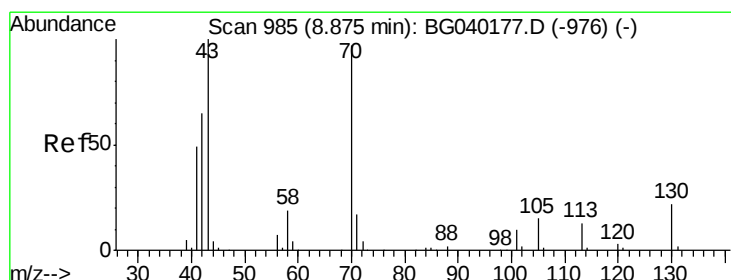
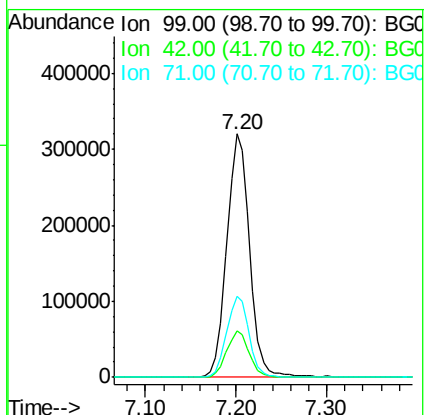
Tot Ion: 99 Resp: 558296

Ion Ratio Lower Upper

99 100

42 19.2 16.2 24.2

71 33.2 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.427 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040331.D

Acq: 3 Apr 2019 18:25

Tgt Ion: 70 Resp: 40994

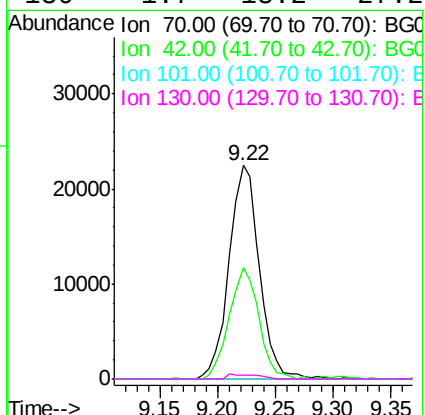
Ion Ratio Lower Upper

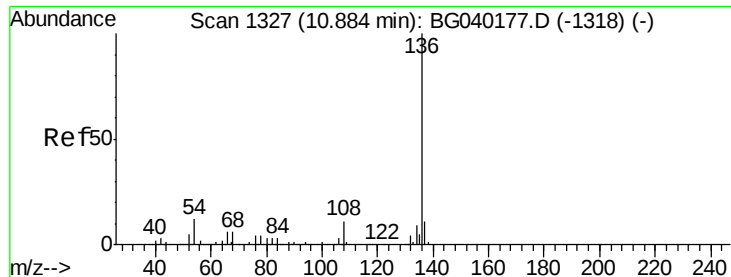
70 100

42 52.4 54.0 81.0#

101 0.0 8.6 13.0#

130 1.7 18.2 27.2#

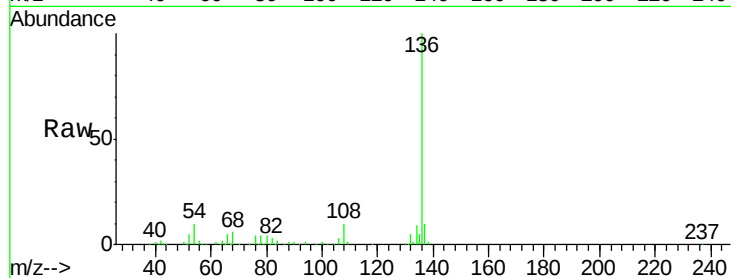




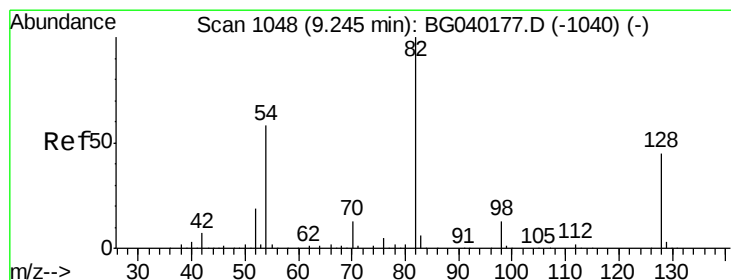
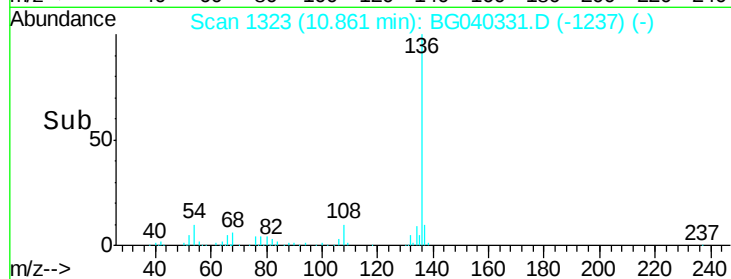
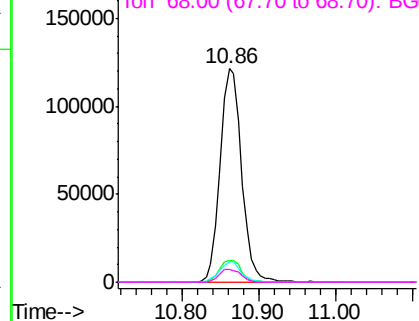
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	233312
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.5	9.6	14.4#
68	6.0	5.1	7.7

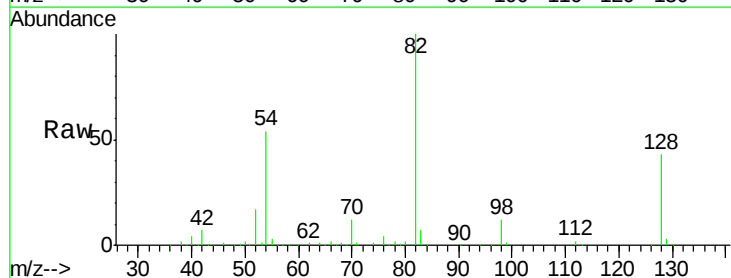


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

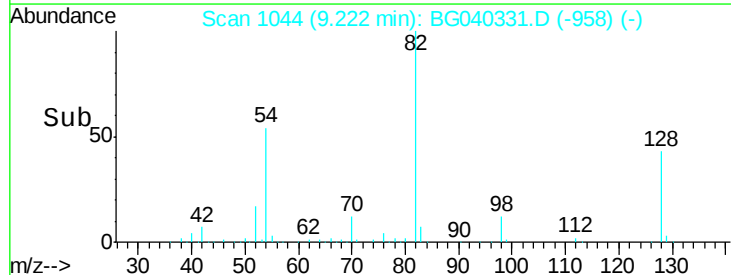
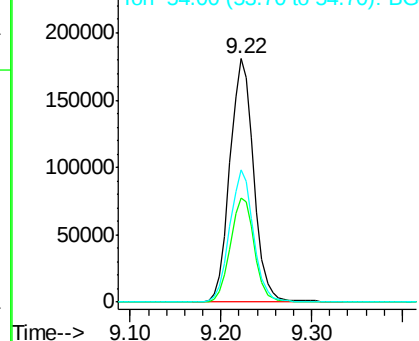


#23
Nitrobenzene-d5
Concen: 75.015 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

Tgt Ion:	82	Resp:	329273
Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.8	53.8
54	54.1	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

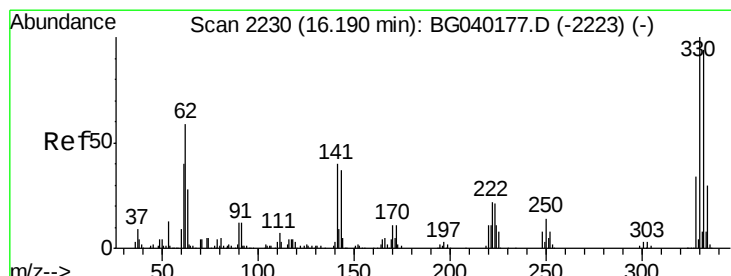
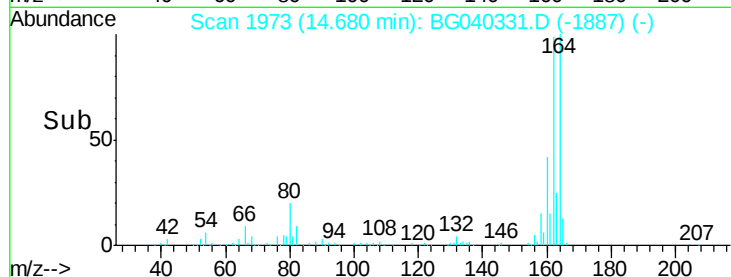
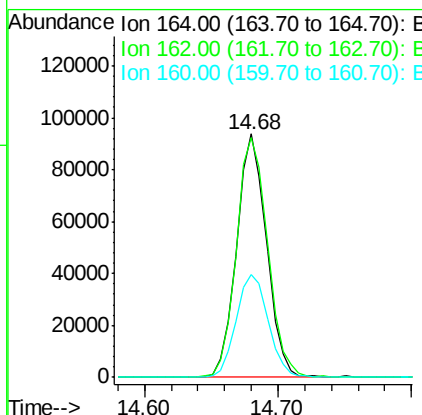
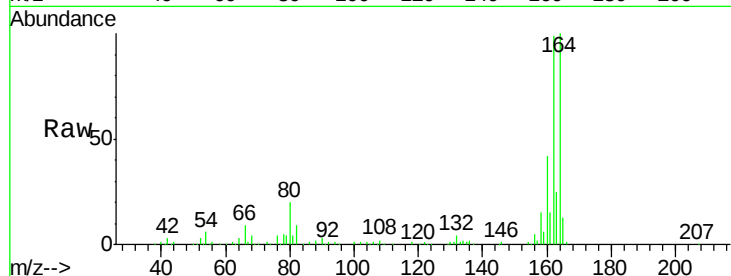




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

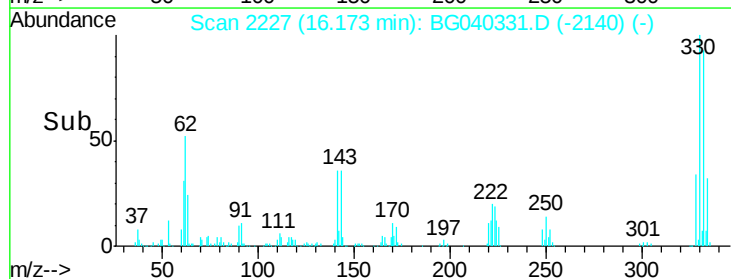
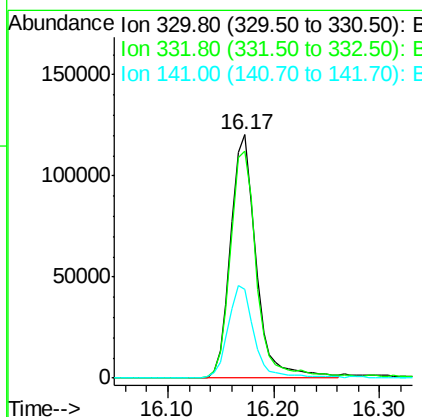
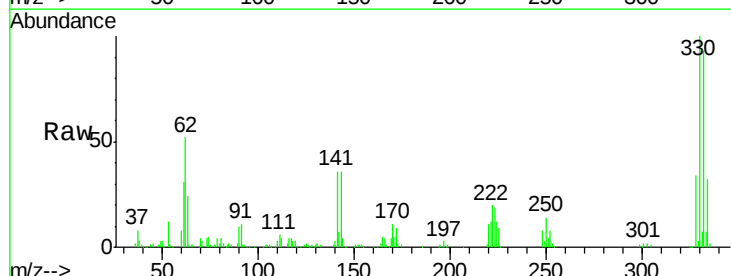
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 145558
Ion Ratio Lower Upper
164 100
162 98.7 77.4 116.2
160 42.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 127.933 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

Tgt Ion:330 Resp: 201252
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 38.5 32.6 48.8

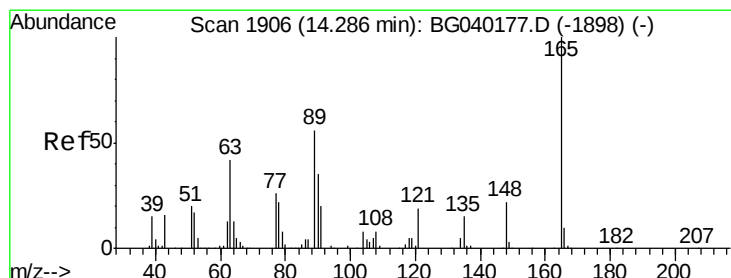
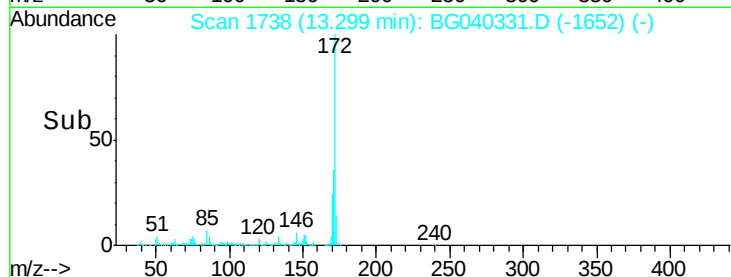
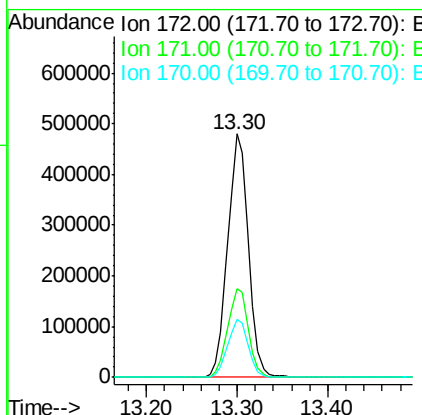
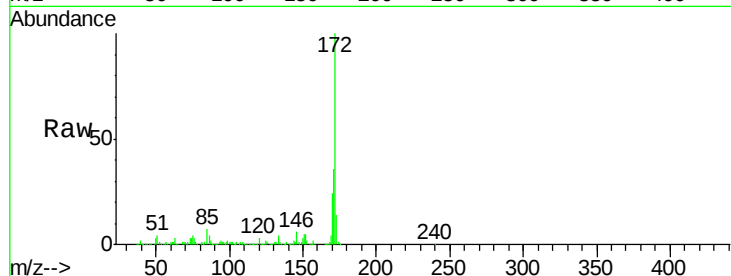




#45
2-Fluorobiphenyl
Concen: 77.475 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

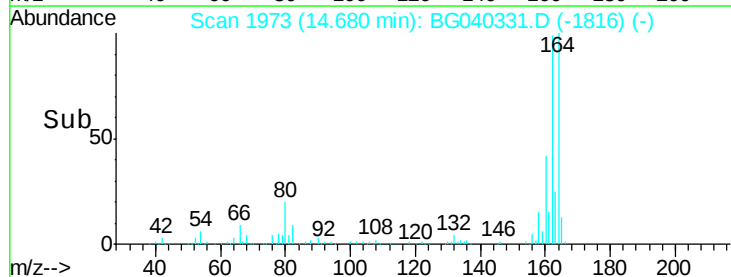
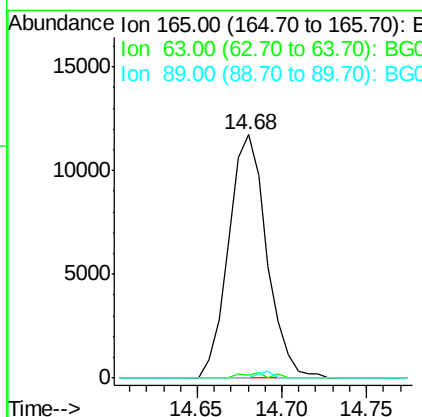
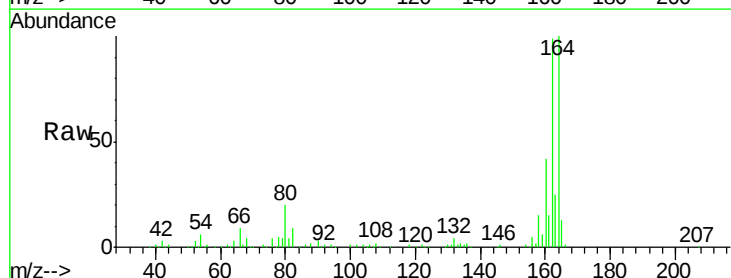
Instrument :
BNA_G
ClientSampleId :

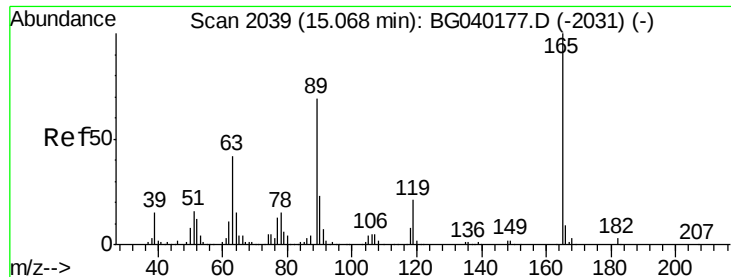
Tot Ion:172 Resp: 761064
Ion Ratio Lower Upper
172 100
171 36.4 30.5 45.7
170 23.9 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.192 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

Tgt Ion:165 Resp: 18397
Ion Ratio Lower Upper
165 100
63 1.4 44.1 66.1#
89 0.0 44.9 67.3#

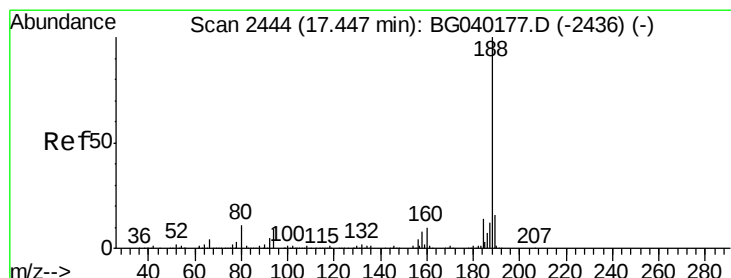
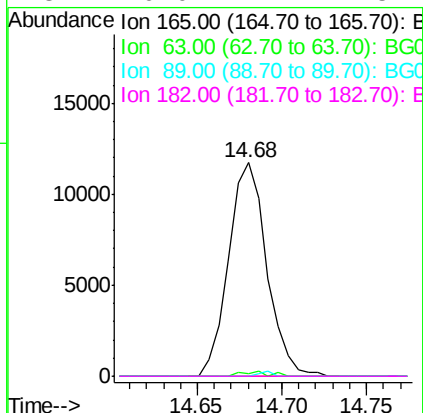
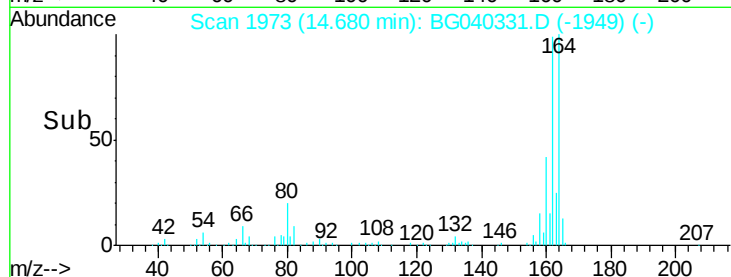
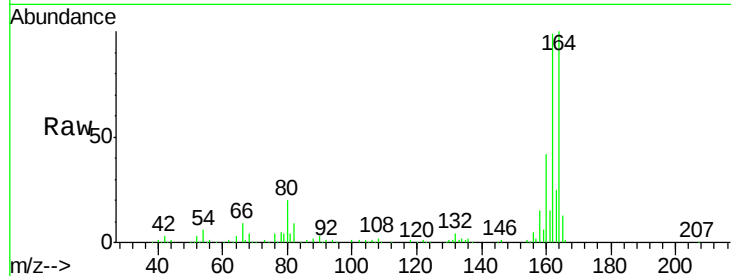




#57
 2,4-Dinitrotoluene
 Concen: 5.176 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040331.D
 Acq: 3 Apr 2019 18:25

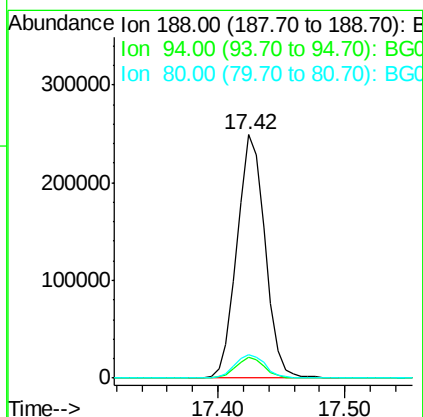
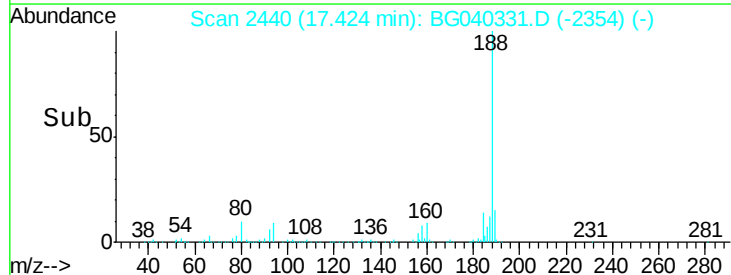
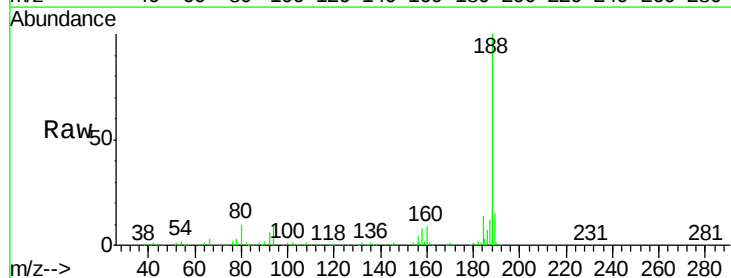
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	18397
Ion Ratio	Lower	Upper
165	100	
63	1.4	33.8 50.6#
89	0.0	55.4 83.2#
182	0.0	2.2 3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040331.D
 Acq: 3 Apr 2019 18:25

Tgt Ion:188	Resp:	380127
Ion Ratio	Lower	Upper
188	100	
94	8.7	7.0 10.4
80	9.5	8.6 13.0

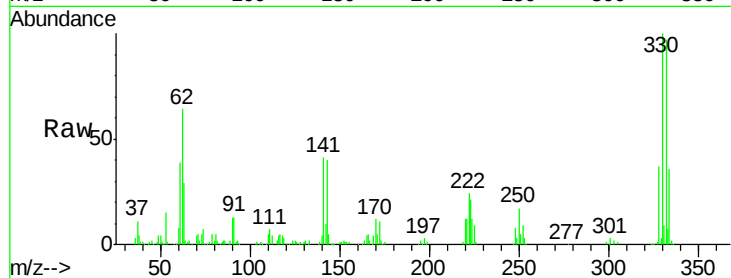




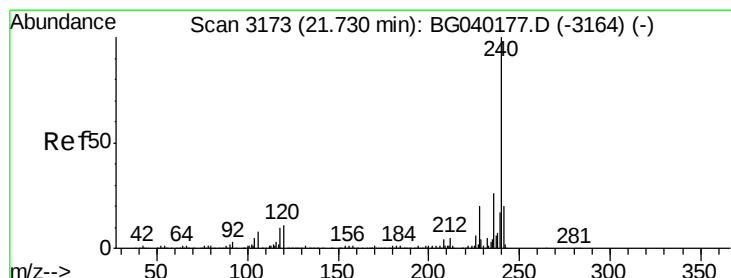
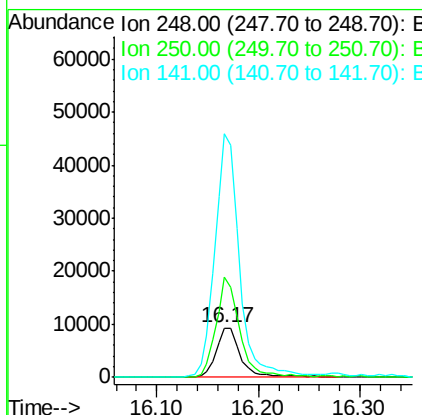
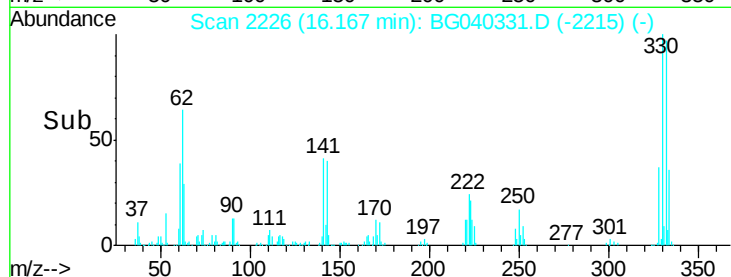
#67
 4-Bromophenyl-phenylether
 Concen: 3.644 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040331.D
 Acq: 3 Apr 2019 18:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15588
 Ion Ratio Lower Upper
 248 100
 250 202.2 76.4 114.6#
 141 494.0 53.8 80.8#

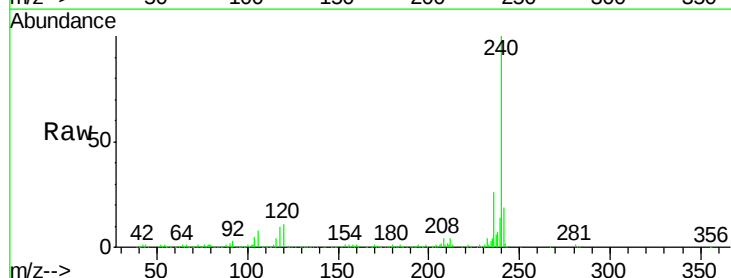


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

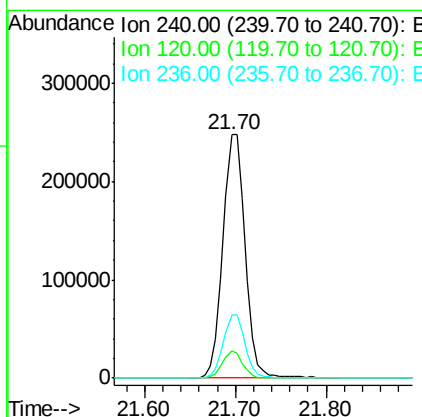
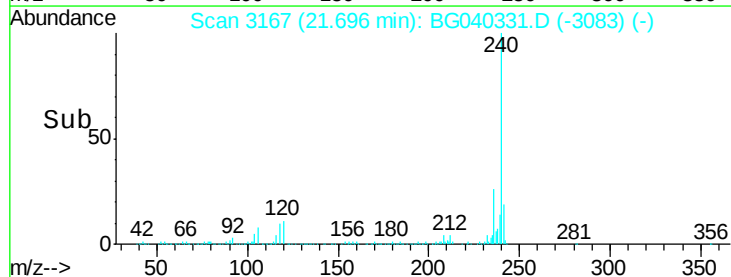


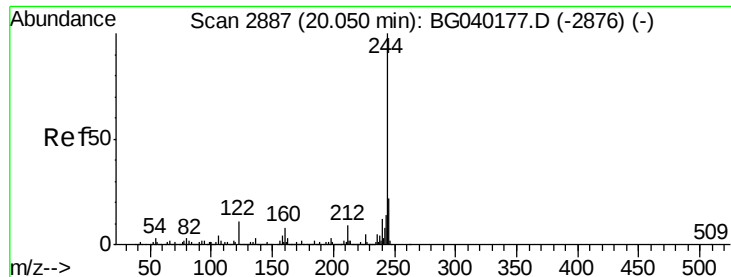
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.03 min
 Lab File: BG040331.D
 Acq: 3 Apr 2019 18:25

Tgt Ion:240 Resp: 421695
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.4 12.6
 236 25.9 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: 71.052 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040331.D

Acq: 3 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

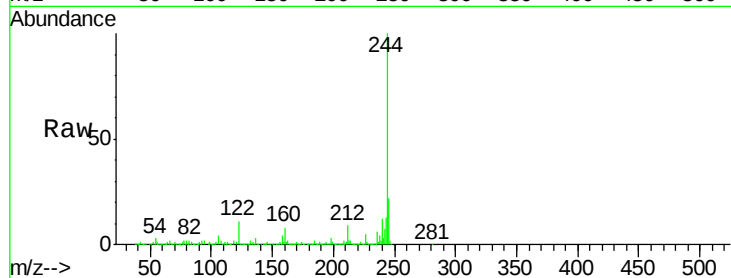
Tot Ion:244 Resp: 1331865

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

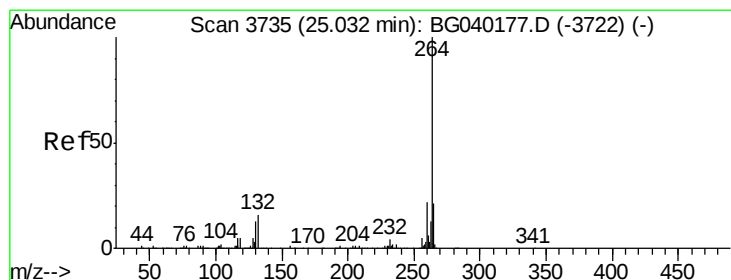
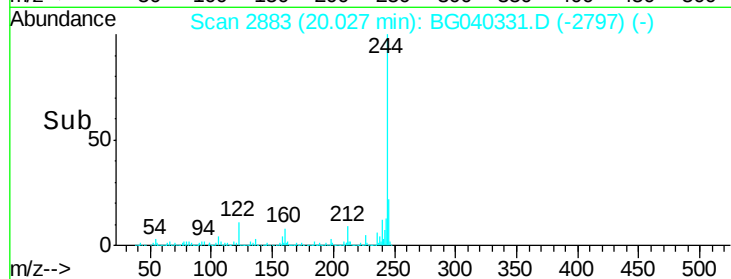
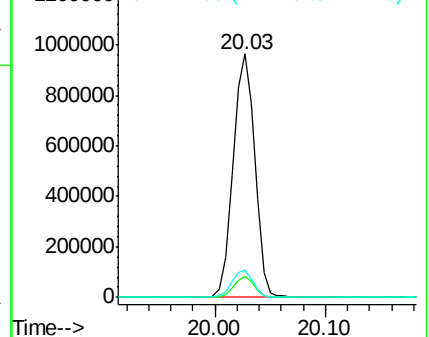
122 11.2 8.5 12.7



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: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040331.D

Acq: 3 Apr 2019 18:25

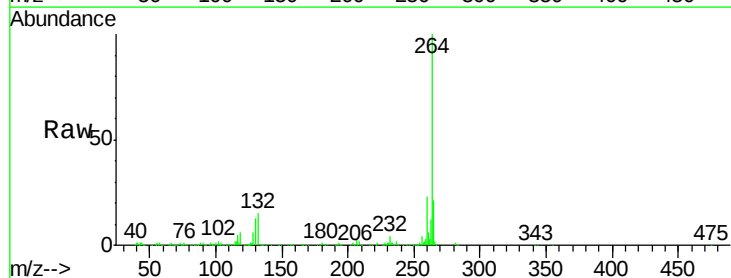
Tgt Ion:264 Resp: 420864

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 21.3 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

