

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040550.D
 Acq On : 18 Apr 2019 4:34
 Operator : JU/SJ
 Sample : PB118988BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 05:58:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

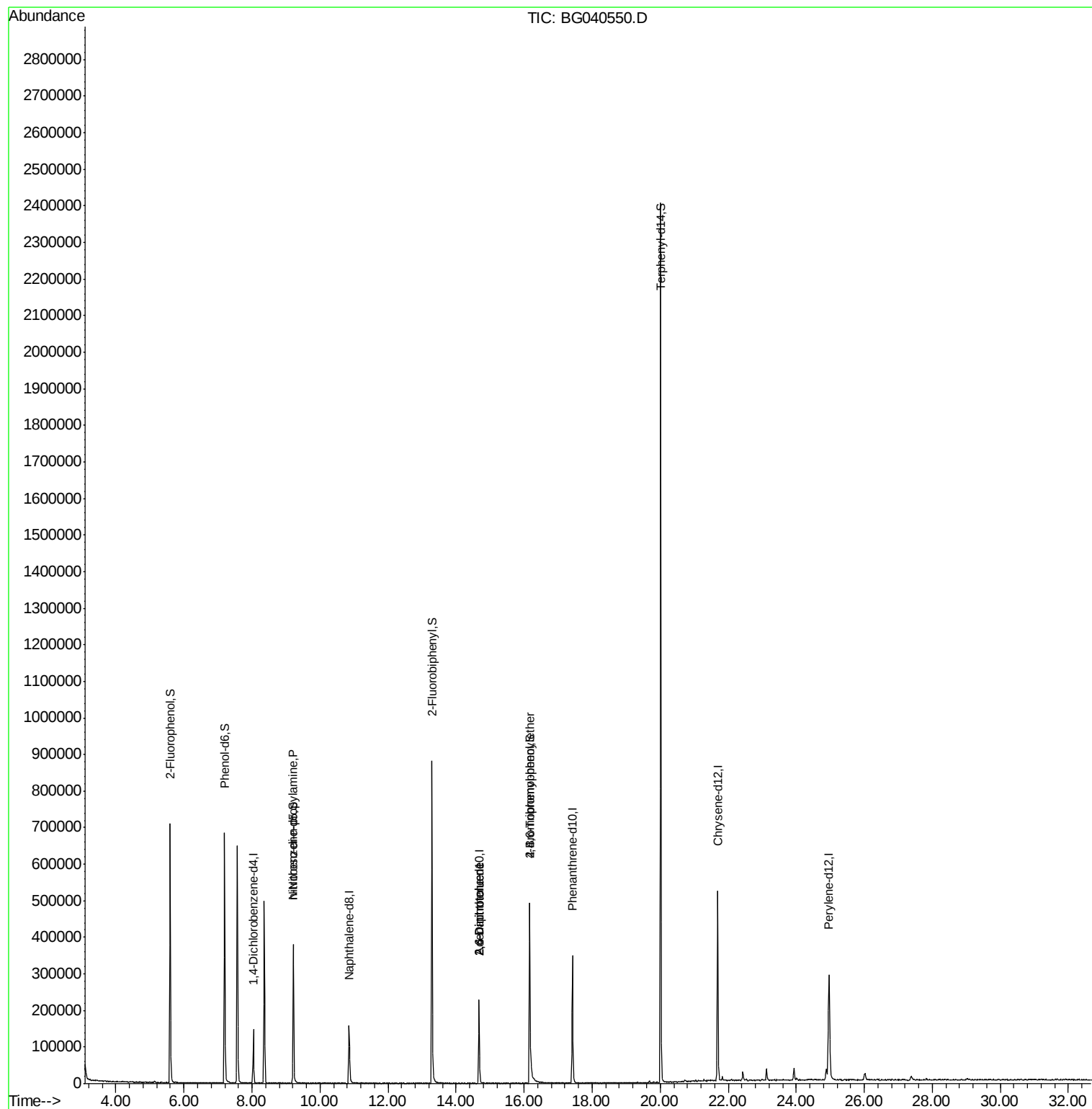
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40735	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	151812	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	90389	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	253168	20.00	ng	0.00
76) Chrysene-d12	21.69	240	311472	20.00	ng	0.00
87) Perylene-d12	24.97	264	340761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	299567	122.25	ng	0.00
7) Phenol-d6	7.20	99	401437	118.54	ng	0.00
23) Nitrobenzene-d5	9.22	82	237032	82.99	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	120235	123.08	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	518432	84.99	ng	0.00
79) Terphenyl-d14	20.02	244	1146274	82.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	28679	11.812	ng	# 70
51) 2,6-Dinitrotoluene	14.67	165	11001	6.926	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	11001	4.984	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	8737	3.067	ng	# 1

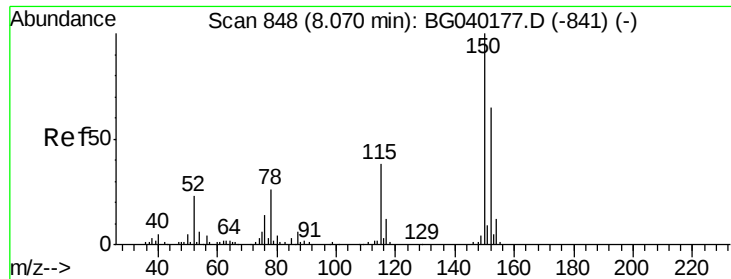
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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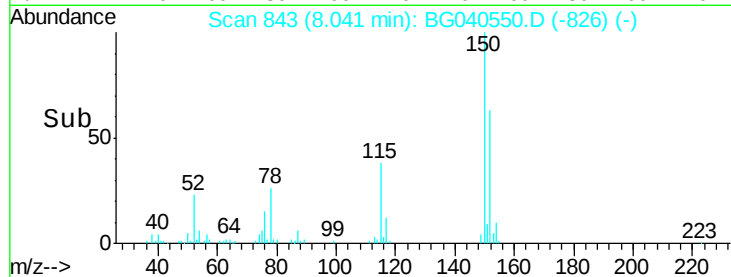
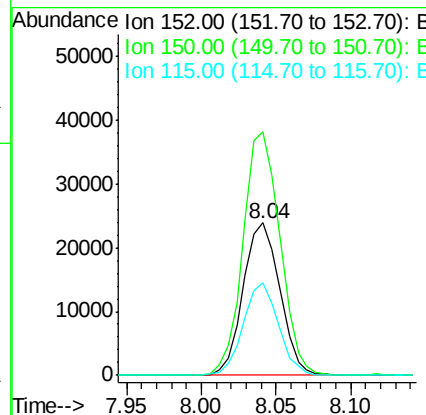
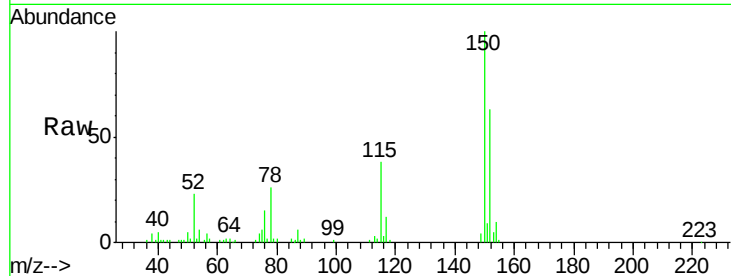


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040550.D
Acq: 18 Apr 2019 4:34

Instrument :
BNA_G
ClientSampleId :

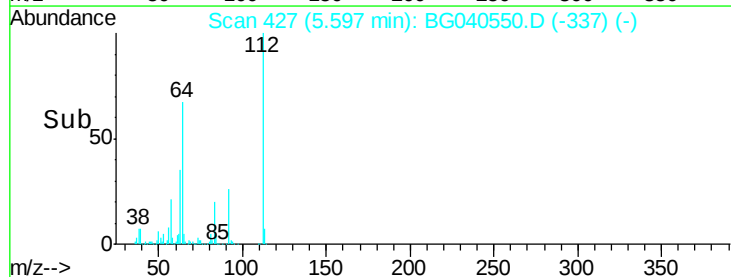
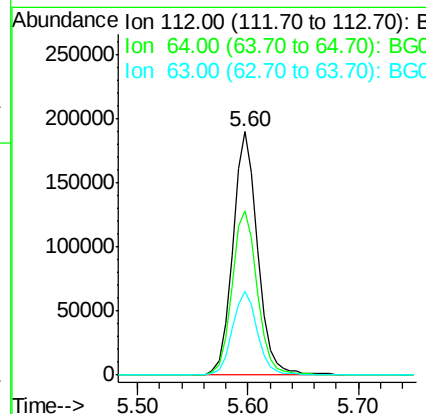
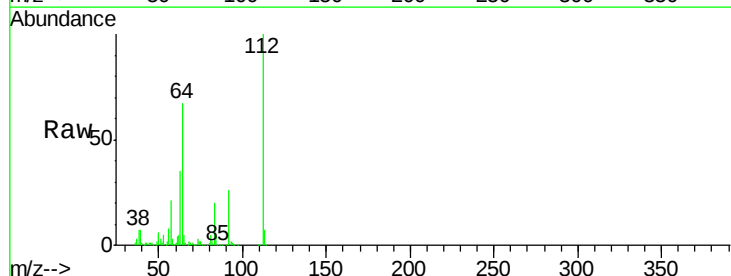
Tot Ion	152	Resp	40735
Ion	Ratio	Lower	Upper
152	100		
150	159.8	123.7	185.5
115	60.9	46.9	70.3

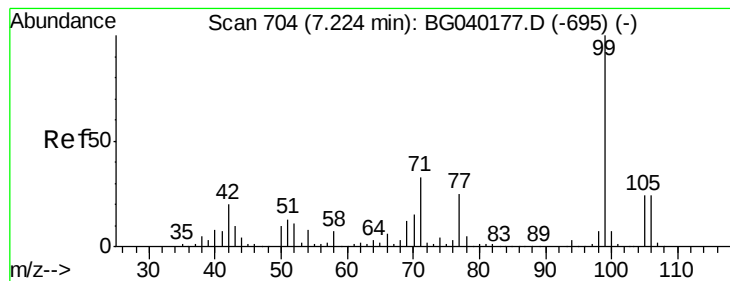


#5

2-Fluorophenol
Concen: 122.255 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040550.D
Acq: 18 Apr 2019 4:34

Tgt Ion	112	Resp	299567
Ion	Ratio	Lower	Upper
112	100		
64	67.4	54.2	81.2
63	34.5	26.4	39.6





#7

Phenol-d6

Concen: 118.543 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG040550.D

Acq: 18 Apr 2019 4:34

Instrument :

BNA_G

ClientSampleId :

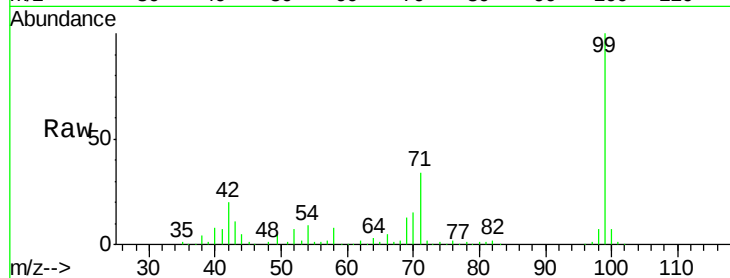
Tot Ion: 99 Resp: 401437

Ion Ratio Lower Upper

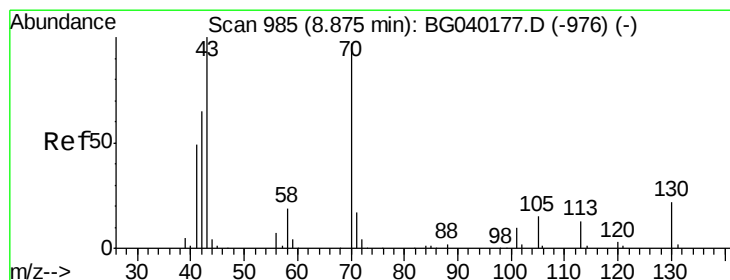
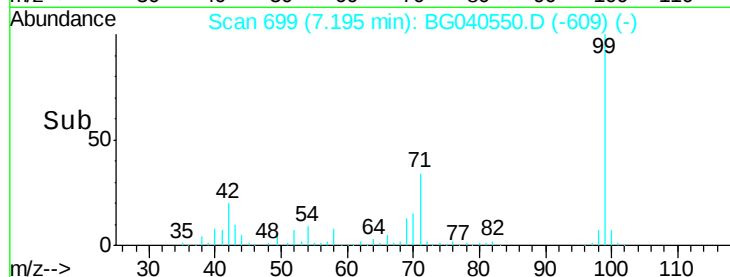
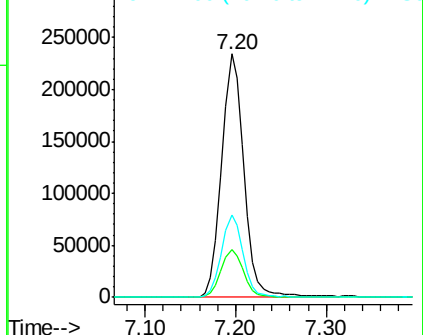
99 100

42 19.7 16.2 24.2

71 33.6 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: 11.812 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.37 min

Lab File: BG040550.D

Acq: 18 Apr 2019 4:34

Tgt Ion: 70 Resp: 28679

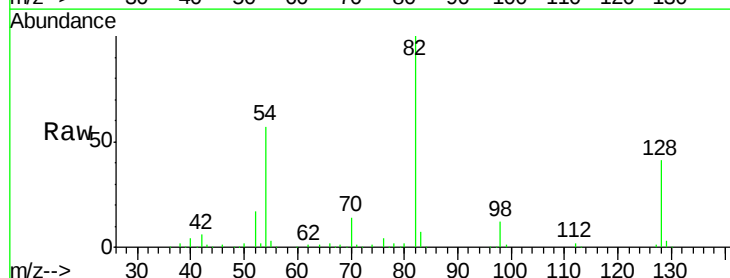
Ion Ratio Lower Upper

70 100

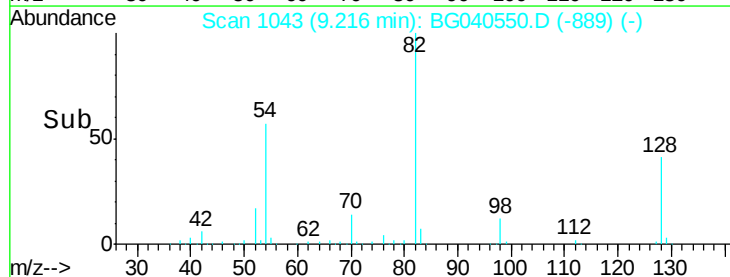
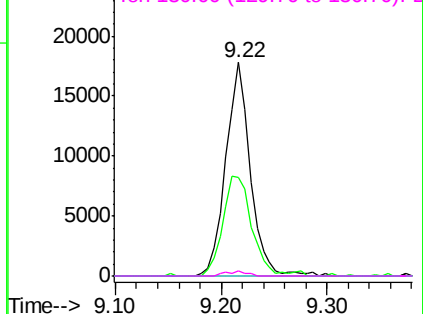
42 45.9 54.0 81.0#

101 0.0 8.6 13.0#

130 2.5 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

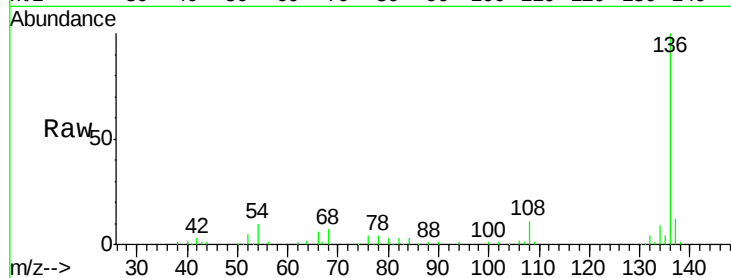




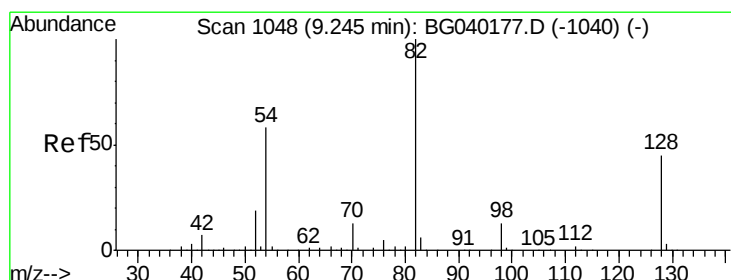
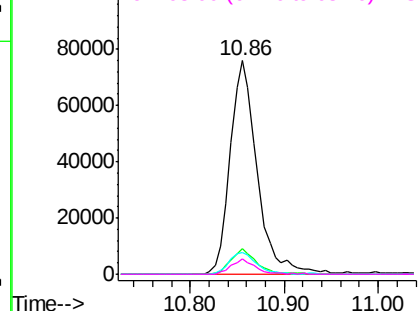
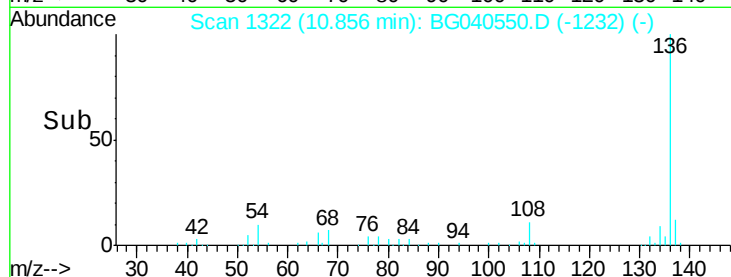
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040550.D
Acq: 18 Apr 2019 4:34

Instrument :
BNA_G
ClientSampleID :

Tot Ion:136	Resp:	151812
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.9 13.3
54	10.2	9.6 14.4
68	6.9	5.1 7.7

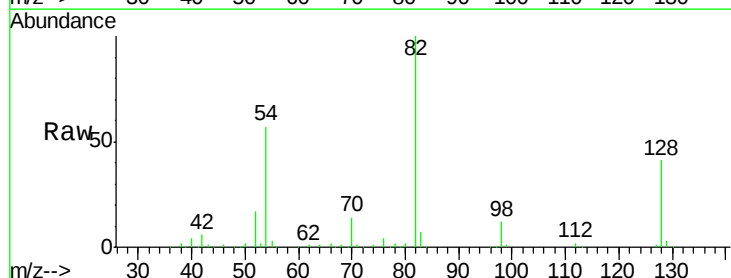


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

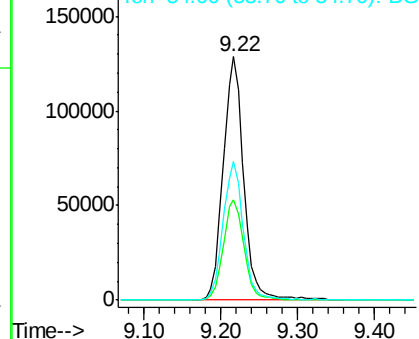
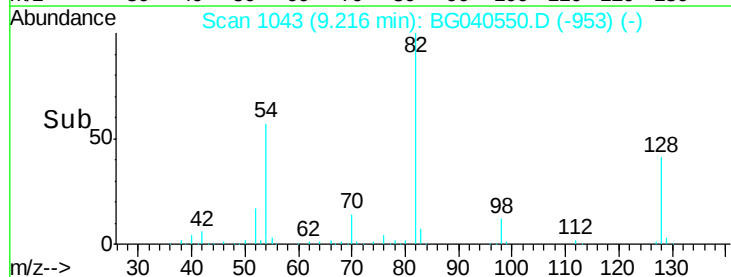


#23
Nitrobenzene-d5
Concen: 82.991 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040550.D
Acq: 18 Apr 2019 4:34

Tgt Ion: 82	Resp:	237032
Ion Ratio	Lower	Upper
82	100	
128	41.2	35.8 53.8
54	56.7	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

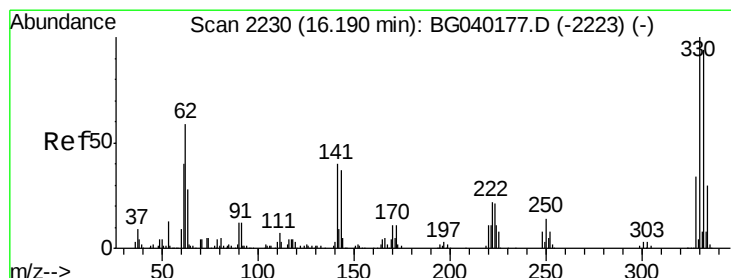
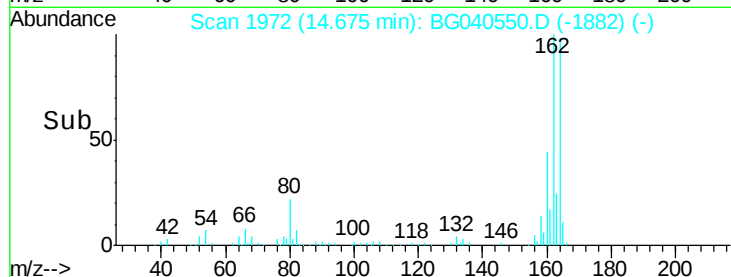
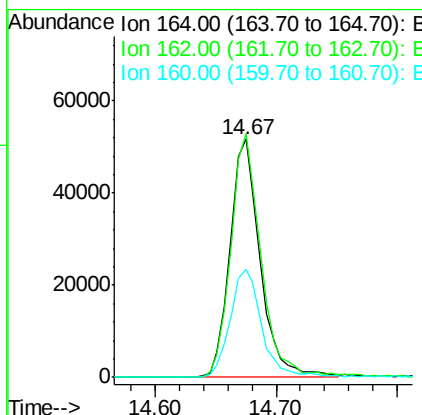
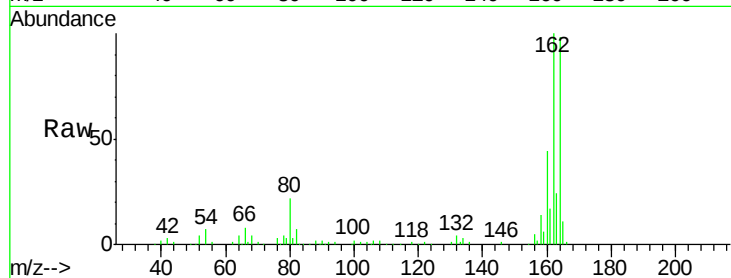




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG040550.D
 Acq: 18 Apr 2019 4:34

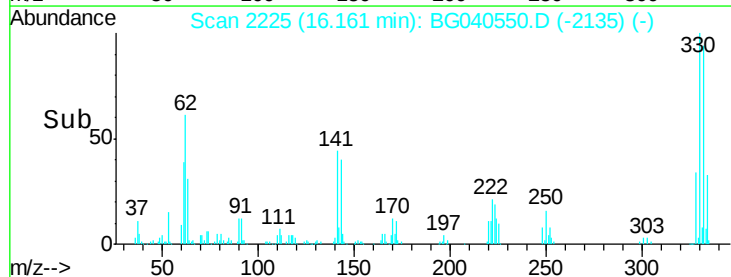
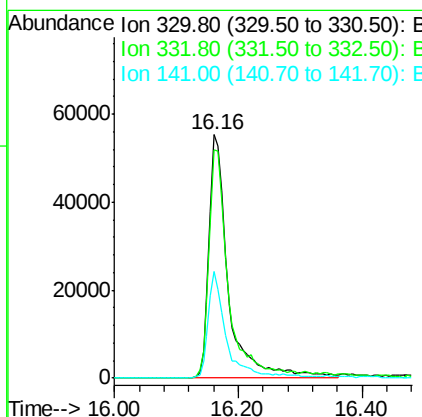
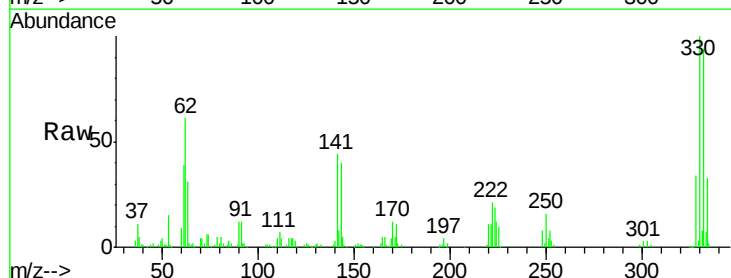
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 90389
 Ion Ratio Lower Upper
 164 100
 162 102.3 77.4 116.2
 160 45.2 35.3 52.9



#42
 2,4,6-Tribromophenol
 Concen: 123.082 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG040550.D
 Acq: 18 Apr 2019 4:34

Tgt Ion:330 Resp: 120235
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 115.0
 141 38.8 32.6 48.8

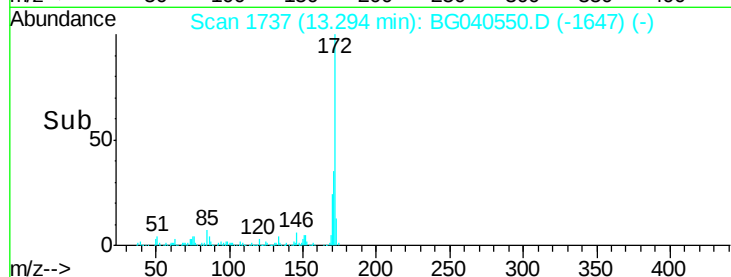
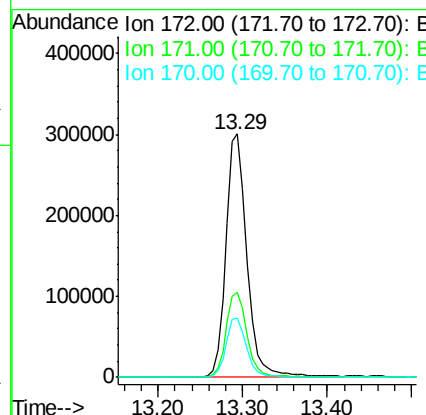
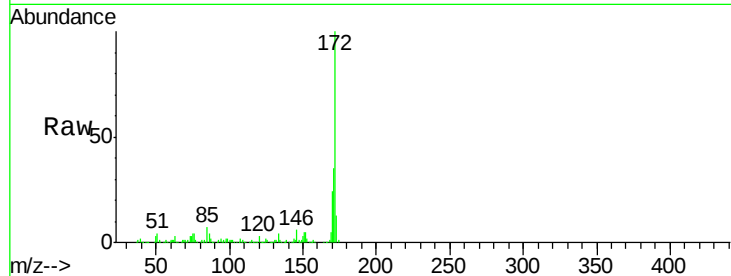




#45
2-Fluorobiphenyl
Concen: 84.987 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040550.D
Acq: 18 Apr 2019 4:34

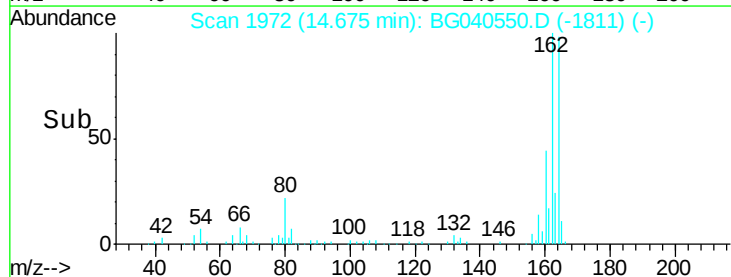
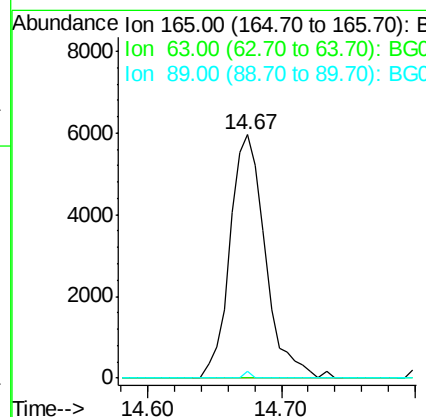
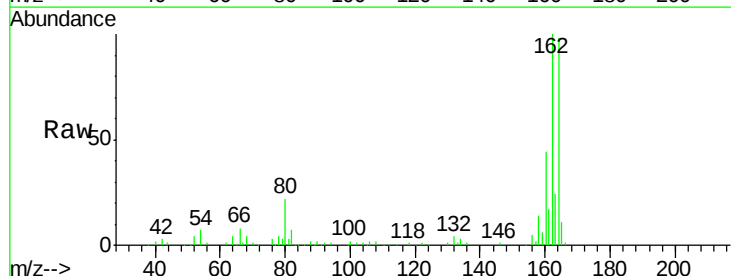
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 518432
Ion Ratio Lower Upper
172 100
171 34.7 30.5 45.7
170 24.3 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 6.926 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.41 min
Lab File: BG040550.D
Acq: 18 Apr 2019 4:34

Tgt Ion:165 Resp: 11001
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 2.7 44.9 67.3#

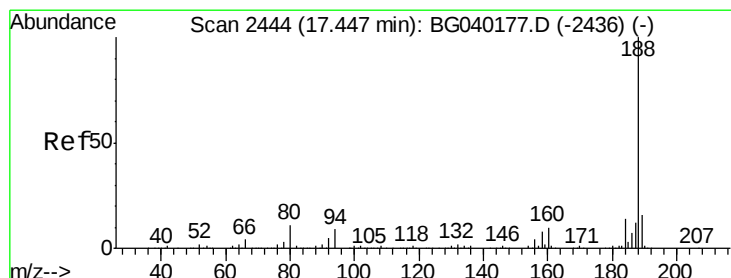
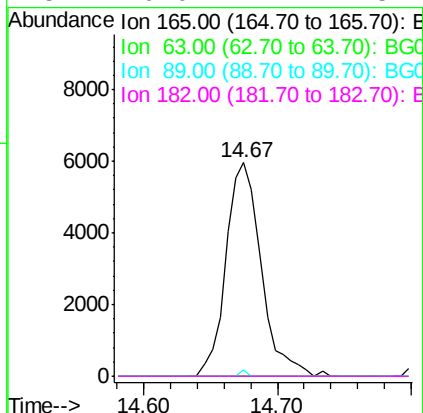
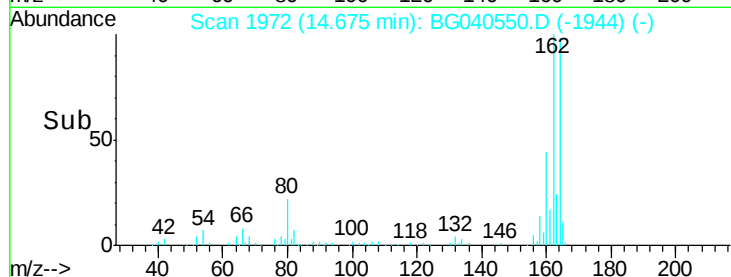
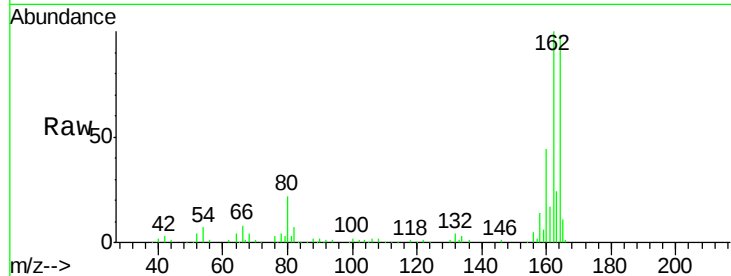




#57
 2,4-Dinitrotoluene
 Concen: 4.984 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.37 min
 Lab File: BG040550.D
 Acq: 18 Apr 2019 4:34

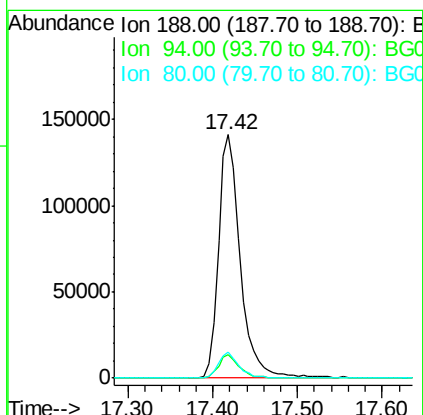
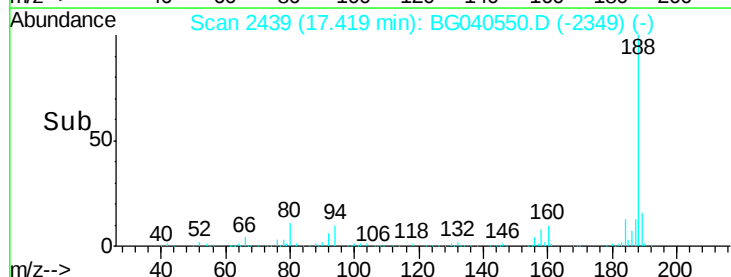
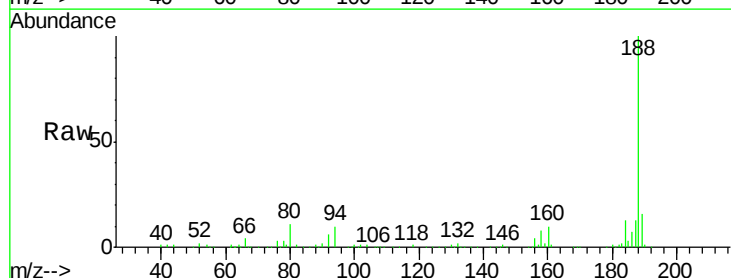
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	11001
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.8 50.6#
89	2.7	55.4 83.2#
182	0.0	2.2 3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG040550.D
 Acq: 18 Apr 2019 4:34

Tgt Ion:188	Resp:	253168
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.0 10.4
80	10.5	8.6 13.0

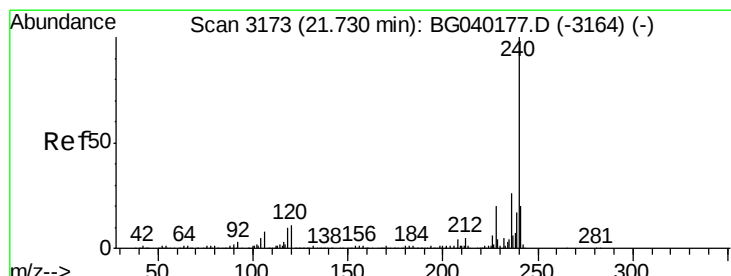
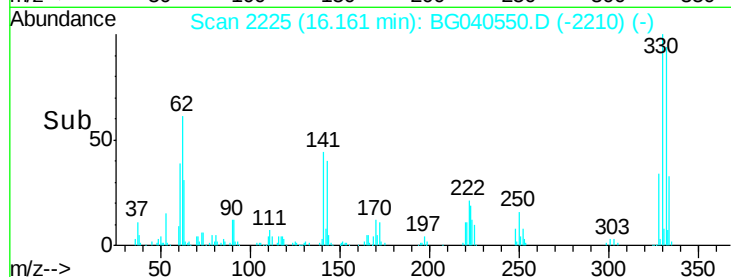
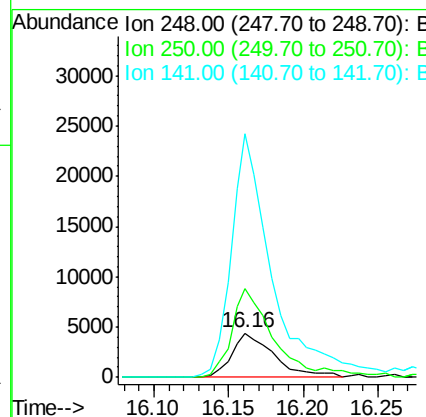
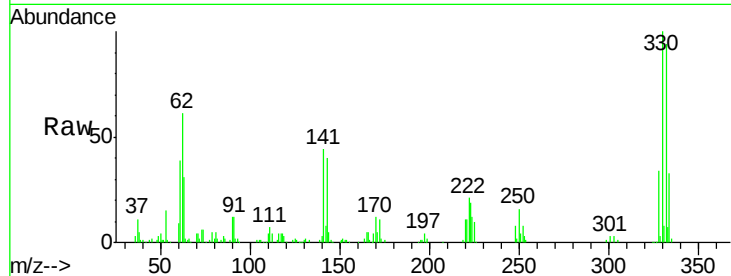




#67
 4-Bromophenyl-phenylether
 Concen: 3.067 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG040550.D
 Acq: 18 Apr 2019 4:34

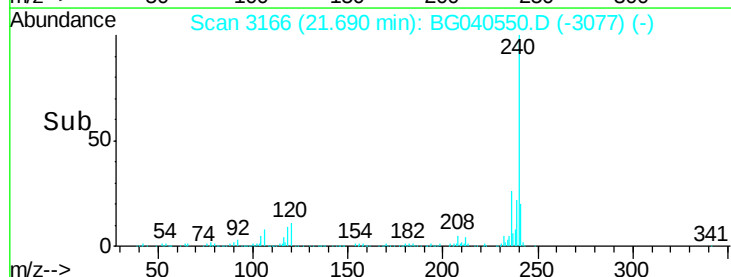
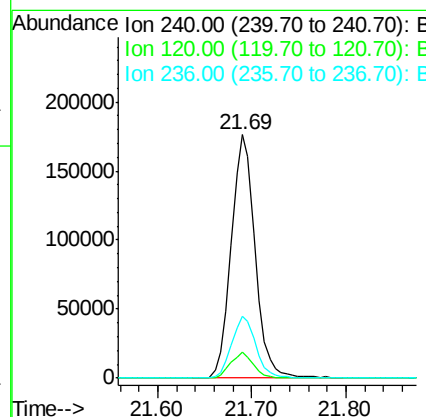
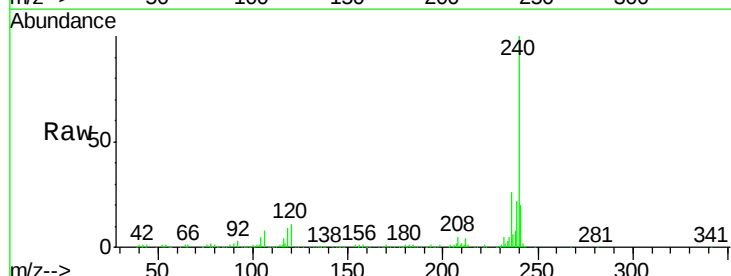
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8737
 Ion Ratio Lower Upper
 248 100
 250 199.2 76.4 114.6#
 141 547.3 53.8 80.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG040550.D
 Acq: 18 Apr 2019 4:34

Tgt Ion:240 Resp: 311472
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 25.7 20.8 31.2





#79

Terphenyl-d14

Concen: 82.791 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040550.D

Acq: 18 Apr 2019 4:34

Instrument :

BNA_G

ClientSampleId :

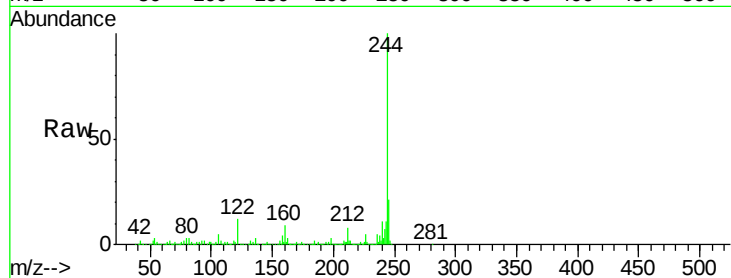
Tot Ion:244 Resp: 1146274

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

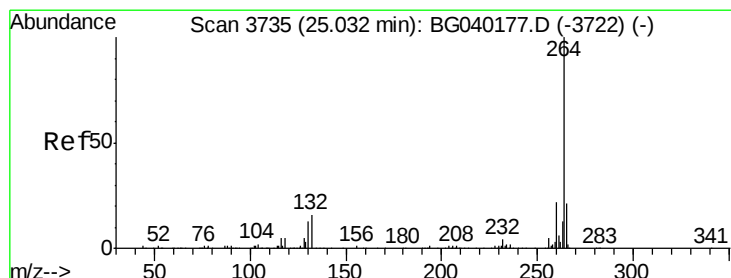
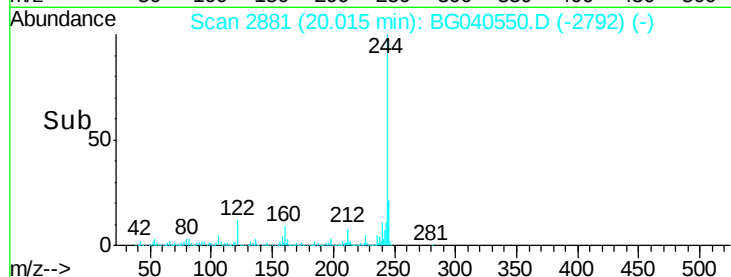
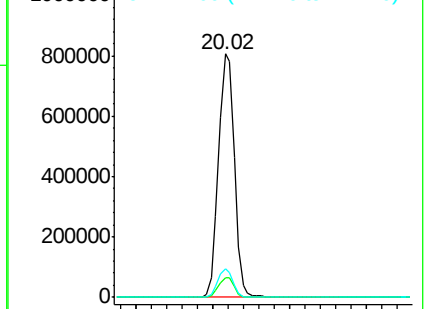
122 11.9 8.5 12.7



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. -0.00 min

Lab File: BG040550.D

Acq: 18 Apr 2019 4:34

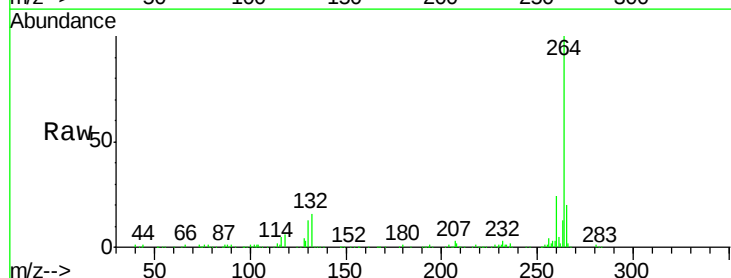
Tgt Ion:264 Resp: 340761

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 20.0 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

