

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040544.D
 Acq On : 18 Apr 2019 00:31
 Operator : JU/SJ
 Sample : K2197-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 02:36:29 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

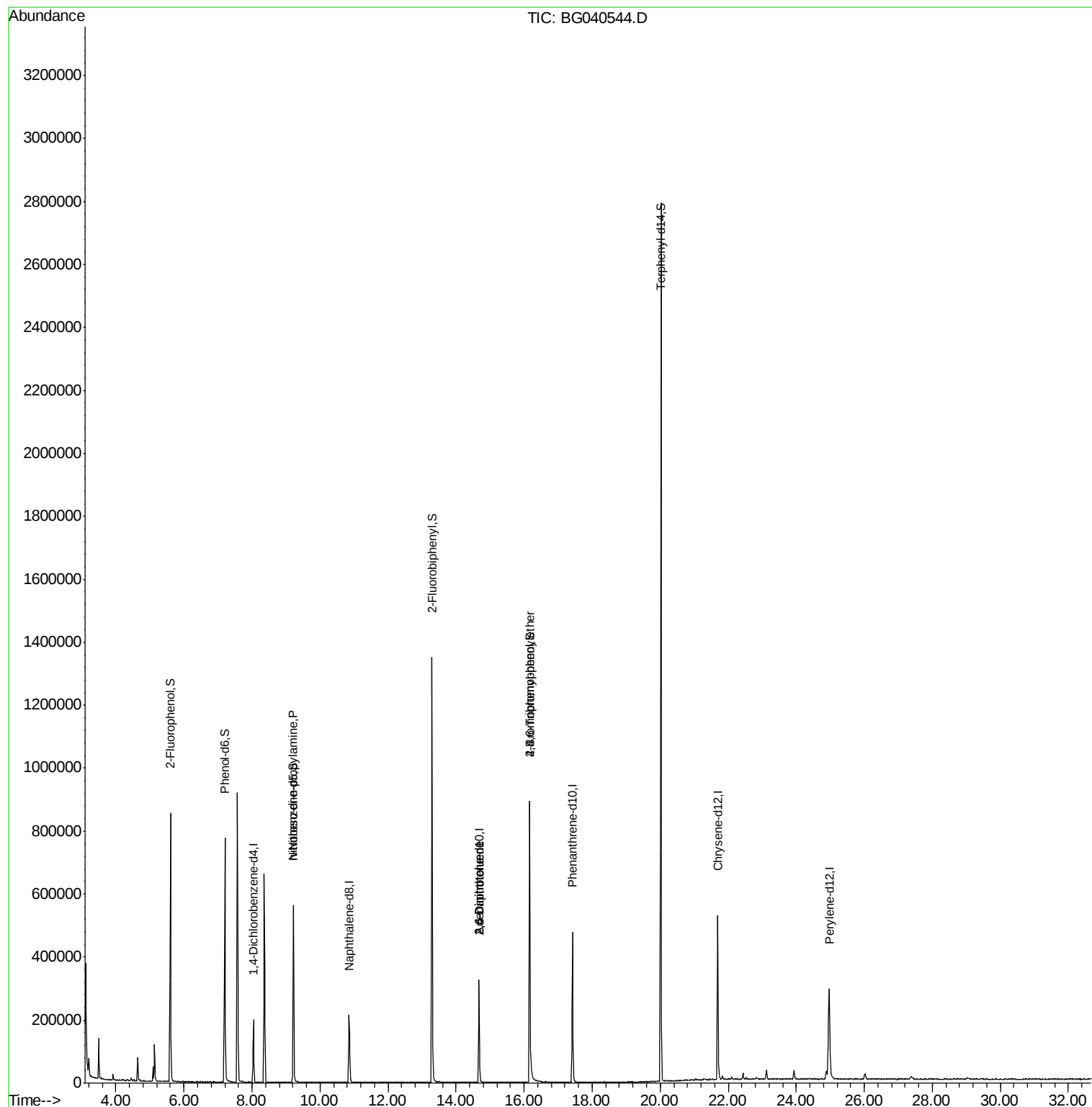
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	55673	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	199270	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	122503	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	320580	20.00	ng	0.00
76) Chrysene-d12	21.69	240	329525	20.00	ng	0.00
87) Perylene-d12	24.97	264	344190	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	370607	110.66	ng	0.00
7) Phenol-d6	7.20	99	464349	100.33	ng	0.00
23) Nitrobenzene-d5	9.22	82	350256	93.43	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	177637	134.17	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	732013	88.54	ng	0.00
79) Terphenyl-d14	20.02	244	1325844	90.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	43602	13.140	ng	# 74
51) 2,6-Dinitrotoluene	14.67	165	15313	7.113	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	15313	5.119	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	13675	3.791	ng	# 1

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

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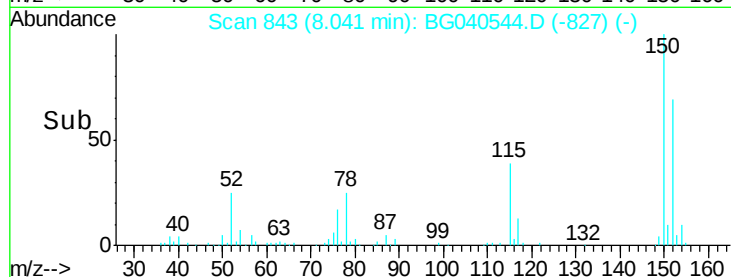
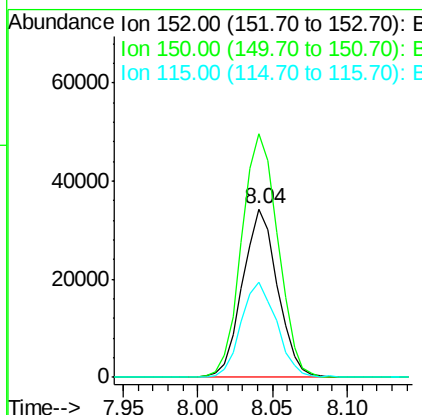
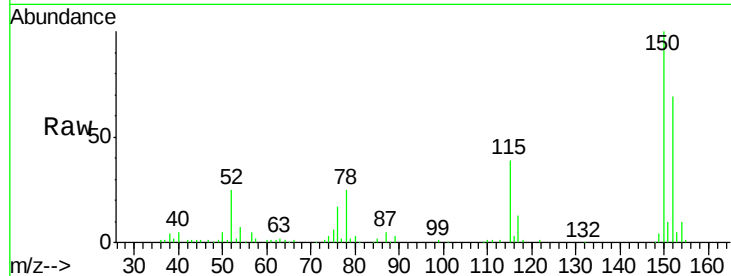


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040544.D
Acq: 18 Apr 2019 00:31

Instrument :
BNA_G
ClientSampleId :

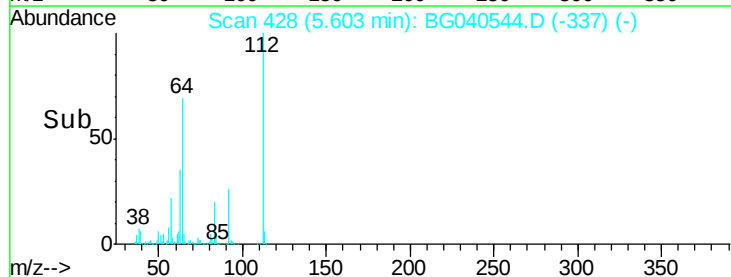
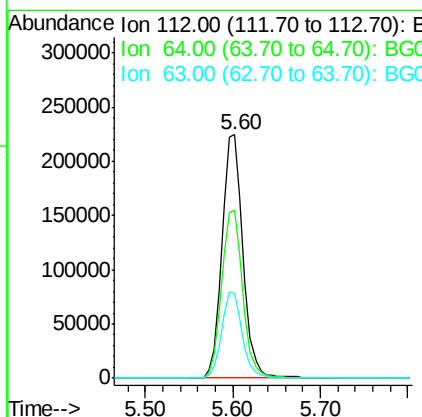
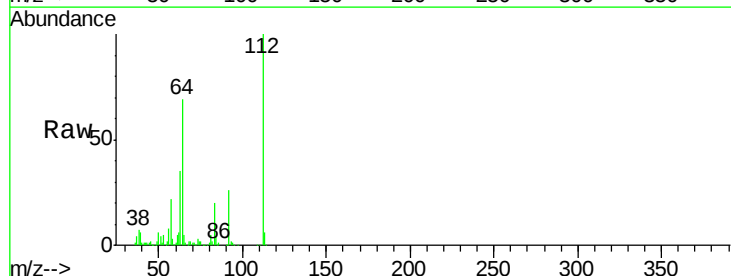
Tot Ion:152 Resp: 55673
Ion Ratio Lower Upper
152 100
150 144.4 123.7 185.5
115 56.1 46.9 70.3



#5

2-Fluorophenol
Concen: 110.664 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG040544.D
Acq: 18 Apr 2019 00:31

Tgt Ion:112 Resp: 370607
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.2
63 34.7 26.4 39.6





#7

Phenol-d6

Concen: 100.329 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040544.D

Acq: 18 Apr 2019 00:31

Instrument :
BNA_G
ClientSampleId :

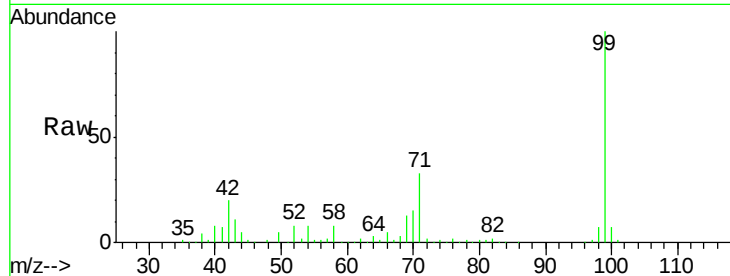
Tot Ion: 99 Resp: 464349

Ion Ratio Lower Upper

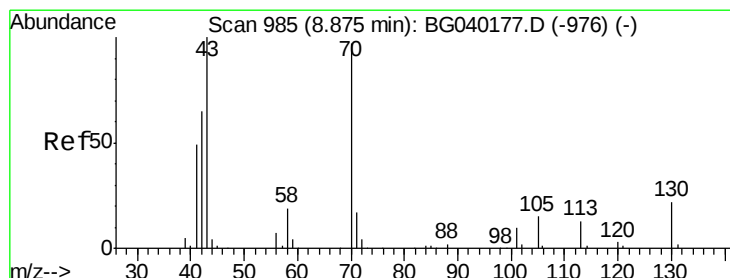
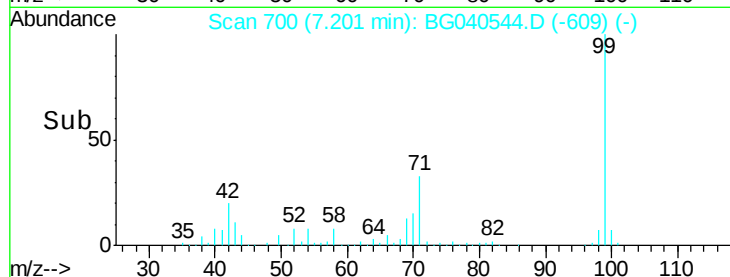
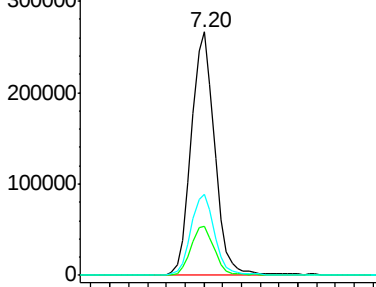
99 100

42 20.1 16.2 24.2

71 33.5 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: 13.140 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.37 min

Lab File: BG040544.D

Acq: 18 Apr 2019 00:31

Tgt Ion: 70 Resp: 43602

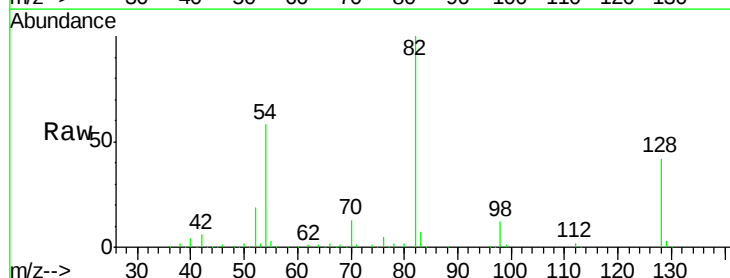
Ion Ratio Lower Upper

70 100

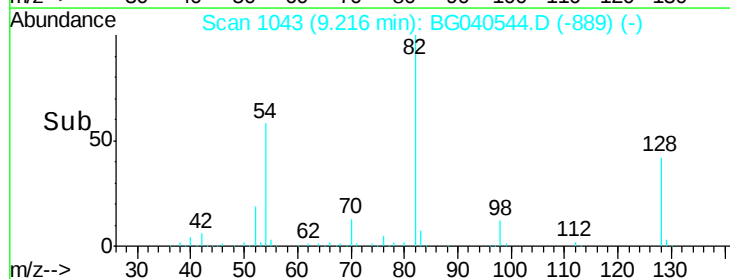
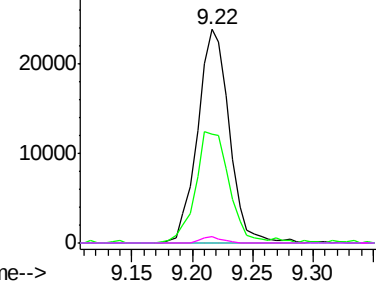
42 51.2 54.0 81.0#

101 0.0 8.6 13.0#

130 2.9 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

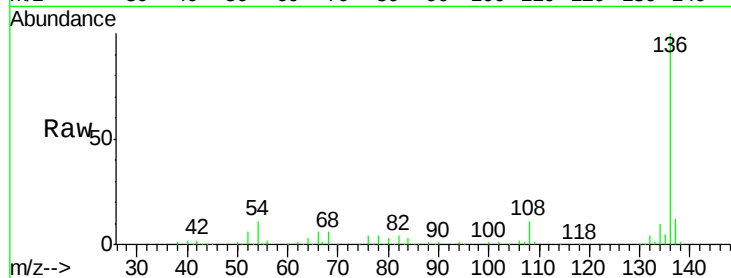




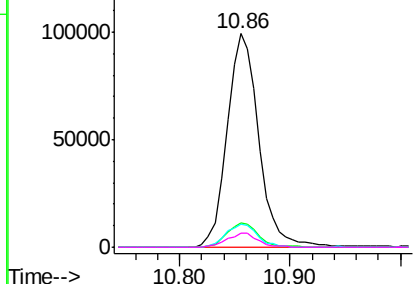
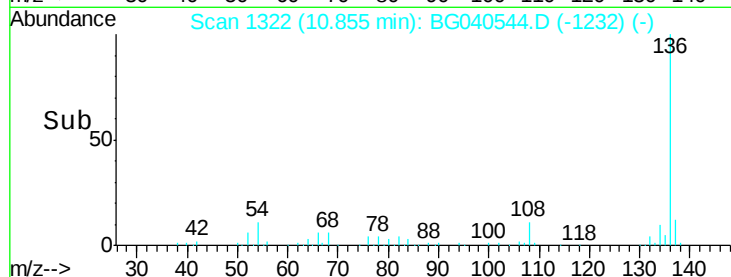
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040544.D
Acq: 18 Apr 2019 00:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	199270
Ion	Ratio	Lower Upper
136	100	
137	11.7	8.9 13.3
54	10.9	9.6 14.4
68	6.4	5.1 7.7

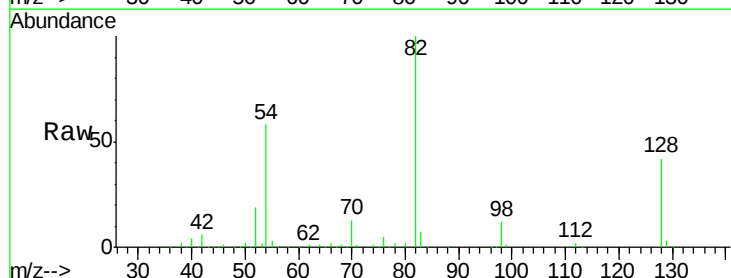


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

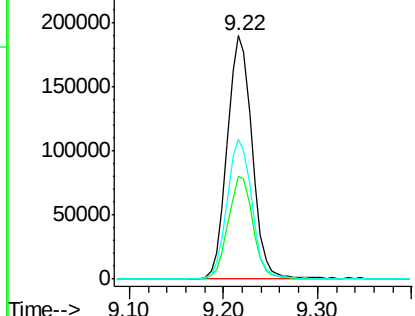
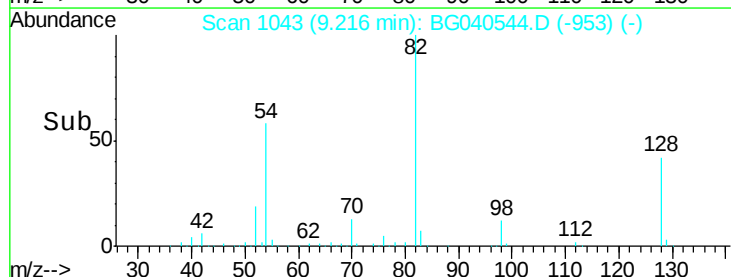


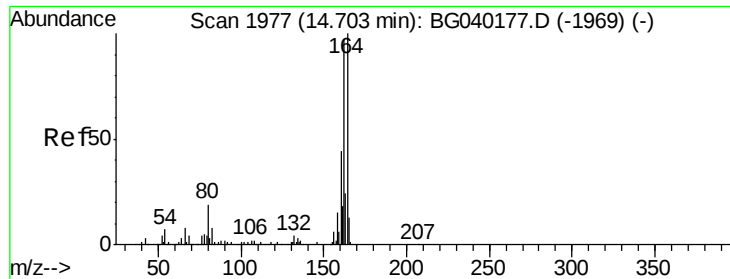
#23
Nitrobenzene-d5
Concen: 93.427 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040544.D
Acq: 18 Apr 2019 00:31

Tgt Ion: 82	Resp:	350256
Ion	Ratio	Lower Upper
82	100	
128	42.3	35.8 53.8
54	57.6	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

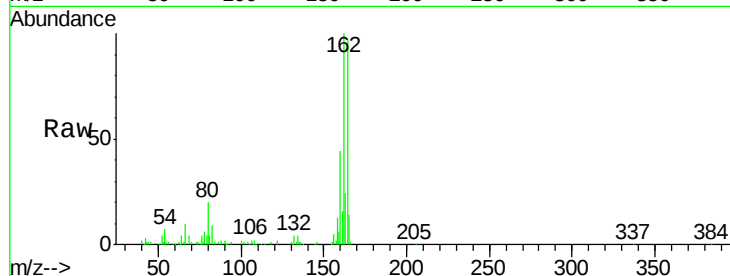




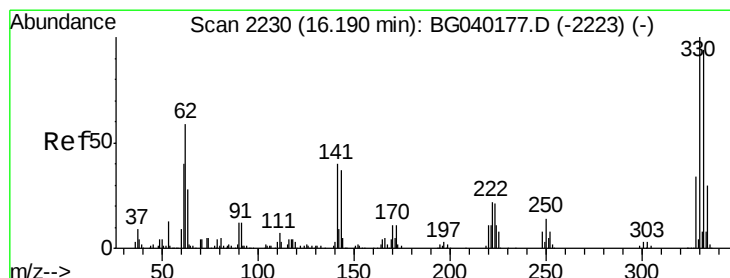
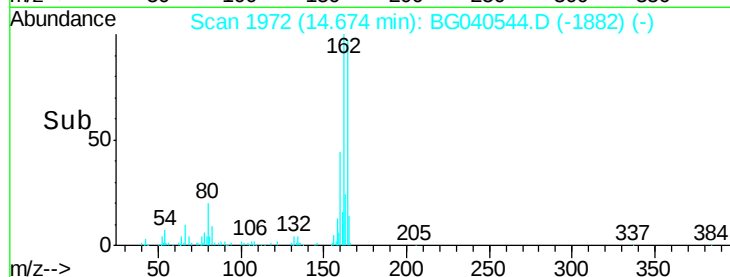
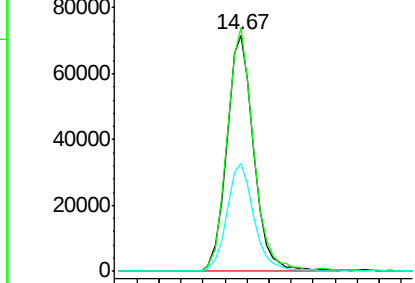
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040544.D
Acq: 18 Apr 2019 00:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 122503
Ion Ratio Lower Upper
164 100
162 103.0 77.4 116.2
160 45.7 35.3 52.9

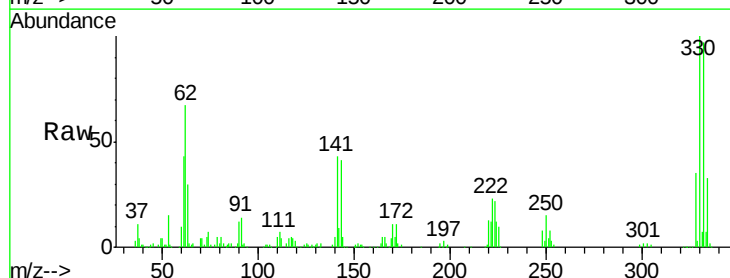


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

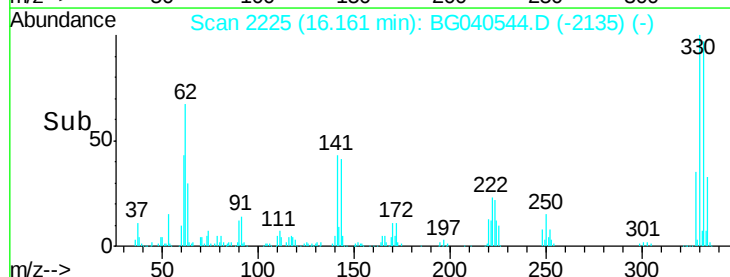
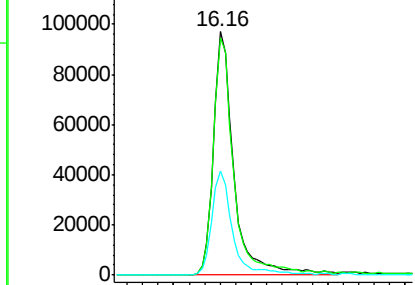


#42
2,4,6-Tribromophenol
Concen: 134.173 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG040544.D
Acq: 18 Apr 2019 00:31

Tgt Ion:330 Resp: 177637
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 43.4 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

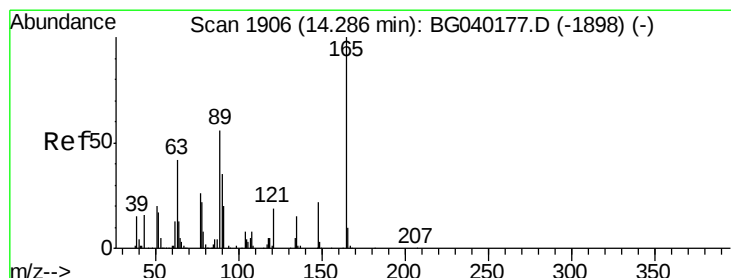
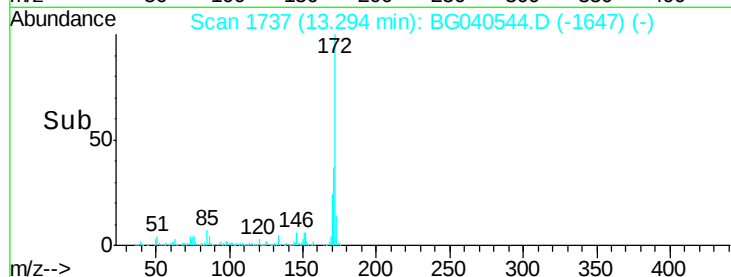
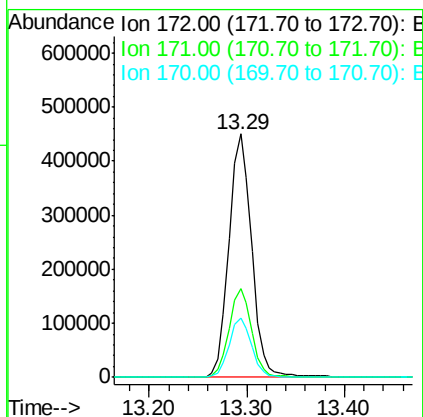
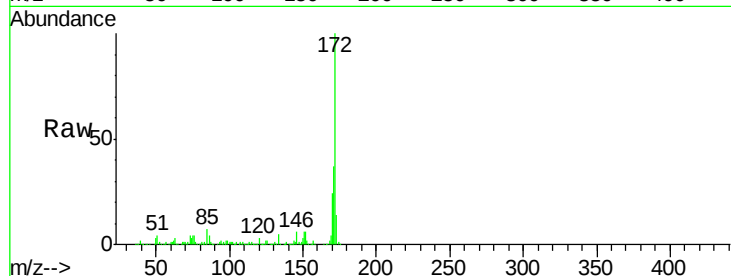




#45
2-Fluorobiphenyl
Concen: 88.542 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040544.D
Acq: 18 Apr 2019 00:31

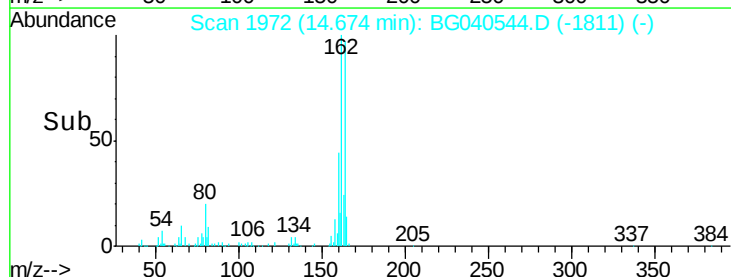
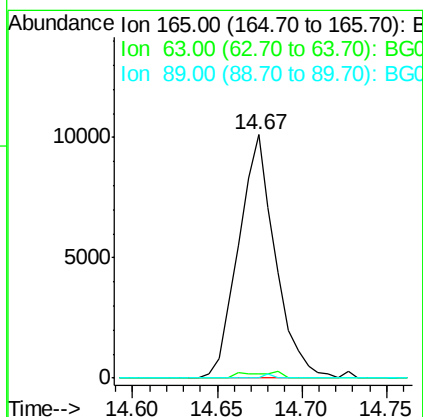
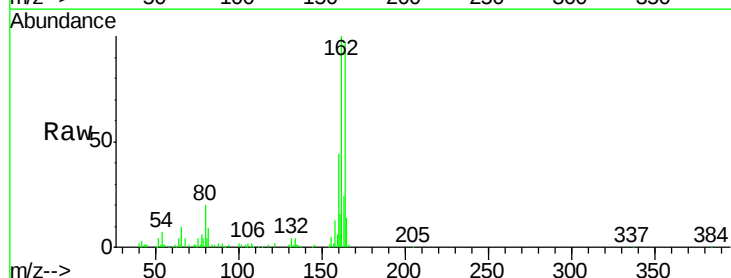
Instrument :
BNA_G
ClientSampleId :

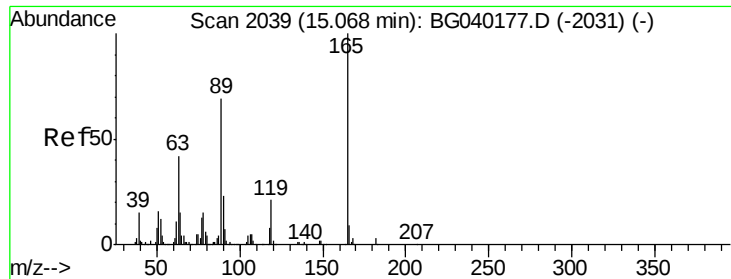
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.5	20.1	30.1



#51
2,6-Dinitrotoluene
Concen: 7.113 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.41 min
Lab File: BG040544.D
Acq: 18 Apr 2019 00:31

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

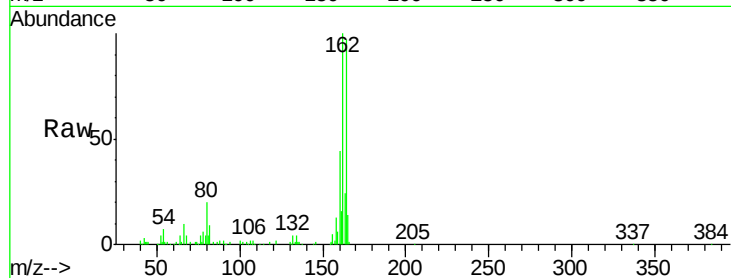




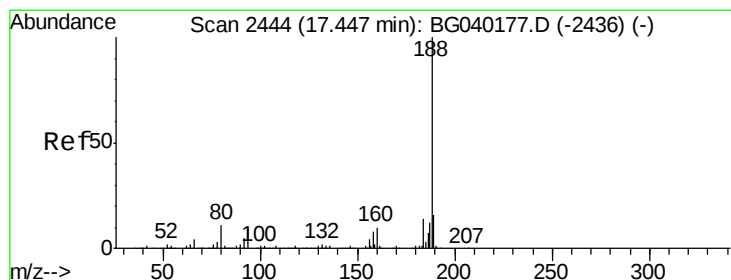
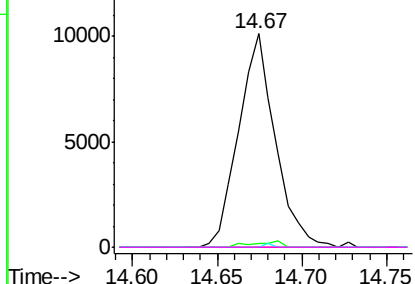
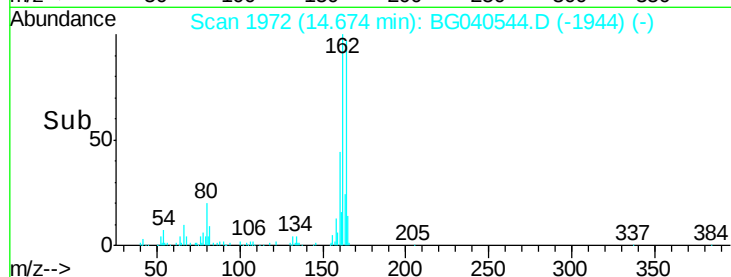
#57
 2,4-Dinitrotoluene
 Concen: 5.119 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.37 min
 Lab File: BG040544.D
 Acq: 18 Apr 2019 00:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15313
 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#

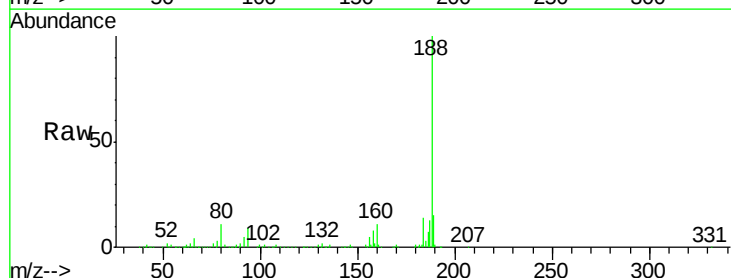


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

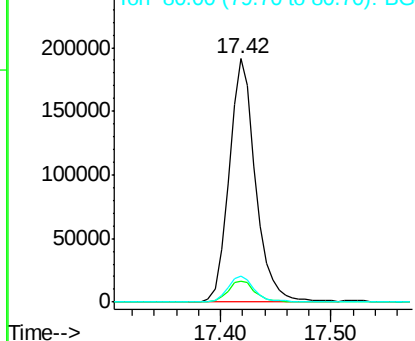
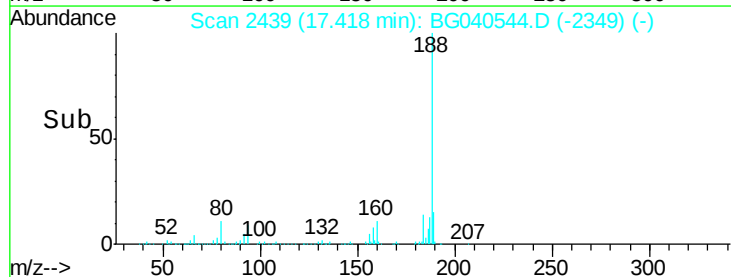


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG040544.D
 Acq: 18 Apr 2019 00:31

Tgt Ion:188 Resp: 320580
 Ion Ratio Lower Upper
 188 100
 94 8.8 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

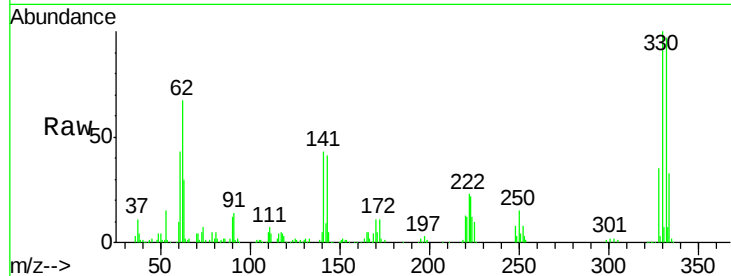




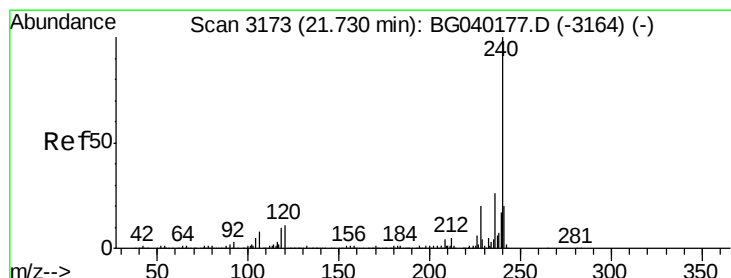
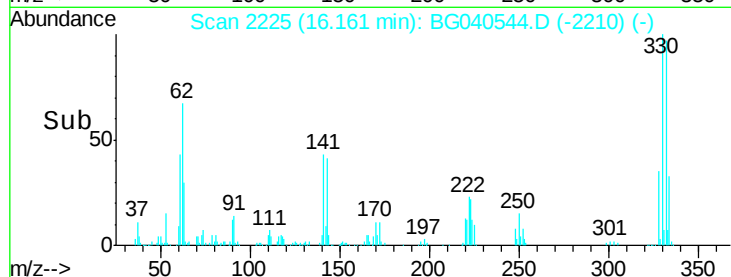
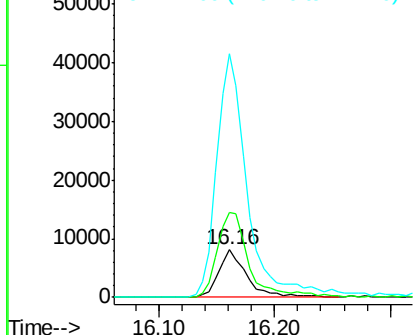
#67
 4-Bromophenyl-phenylether
 Concen: 3.791 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG040544.D
 Acq: 18 Apr 2019 00:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 13675
 Ion Ratio Lower Upper
 248 100
 250 178.6 76.4 114.6#
 141 511.2 53.8 80.8#

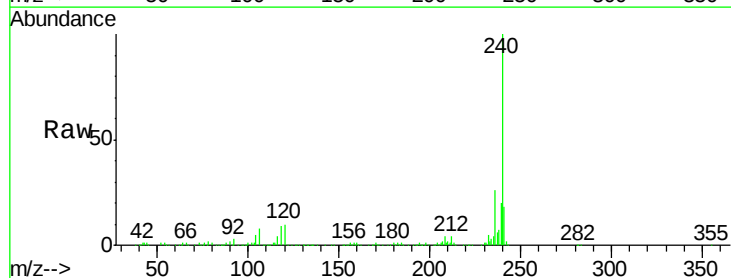


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

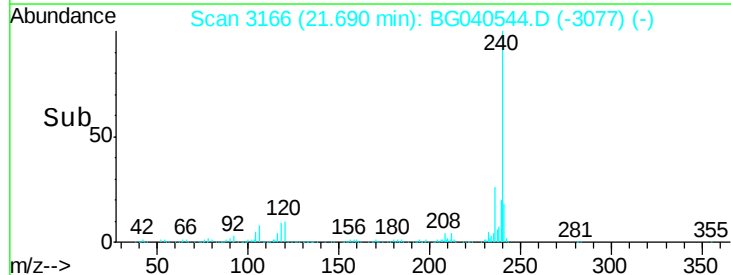
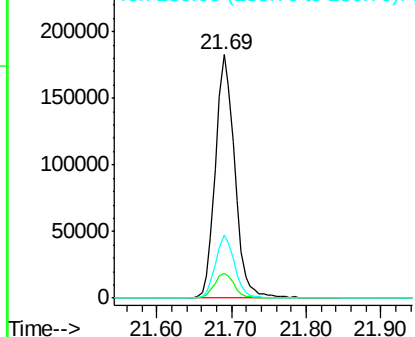


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG040544.D
 Acq: 18 Apr 2019 00:31

Tgt Ion:240 Resp: 329525
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 25.8 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: 90.515 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040544.D

Acq: 18 Apr 2019 00:31

Instrument :

BNA_G

ClientSampleId :

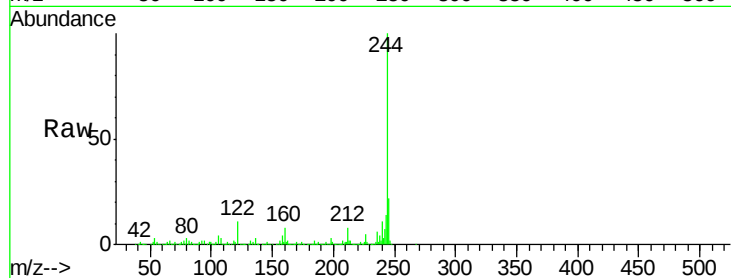
Tot Ion:244 Resp: 1325844

Ion Ratio Lower Upper

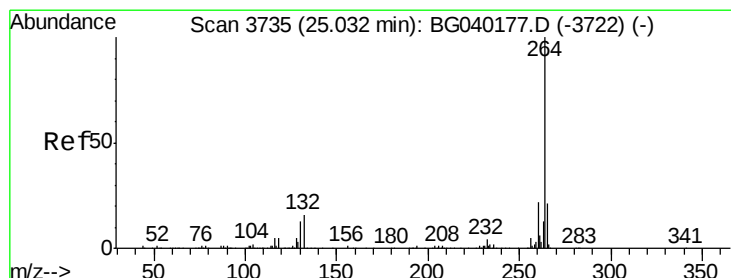
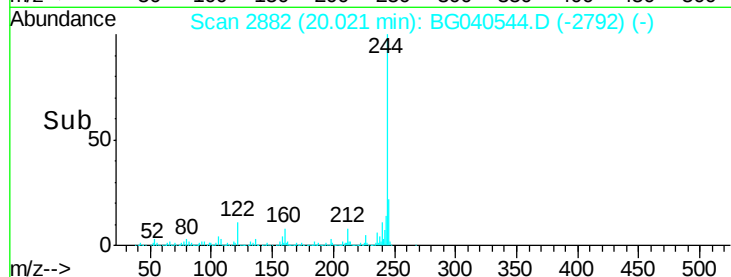
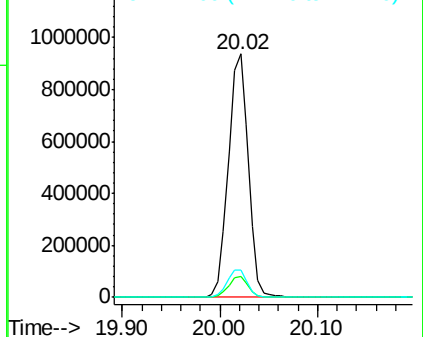
244 100

212 8.4 7.0 10.6

122 11.0 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: BG040544.D

Acq: 18 Apr 2019 00:31

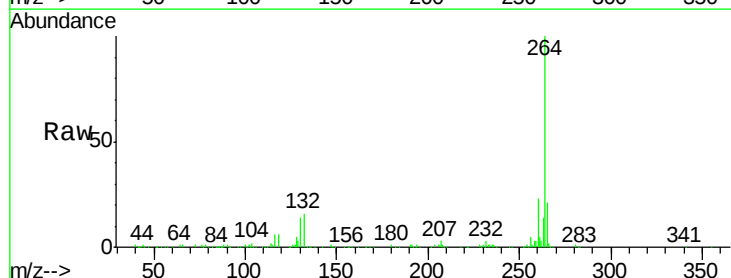
Tgt Ion:264 Resp: 344190

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 20.9 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

