

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
 Data File : BG040489.D
 Acq On : 15 Apr 2019 21:00
 Operator : JU/SJ
 Sample : K2389-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 15 23:23:17 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

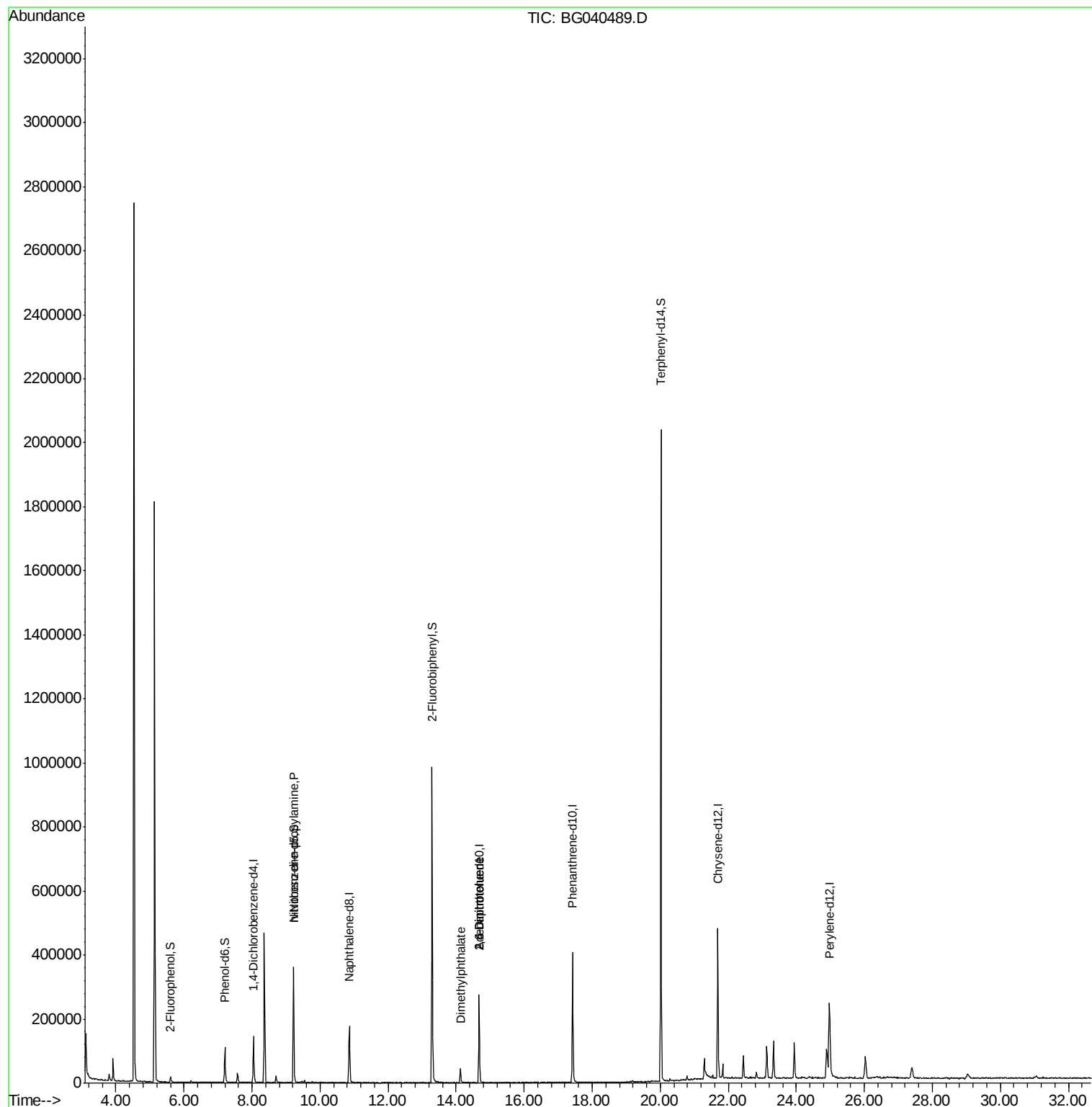
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42562	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	165963	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	104465	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	283141	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	284914	20.00	ng	-0.04
87) Perylene-d12	24.97	264	300826	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	7821	3.05	ng	-0.01
7) Phenol-d6	7.20	99	76410	21.60	ng	-0.02
23) Nitrobenzene-d5	9.22	82	227019	72.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	982	0.87	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	552873	78.42	ng	-0.03
79) Terphenyl-d14	20.02	244	984164	77.71	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	29305	11.552	ng	# 67
50) Dimethylphthalate	14.13	163	42133	5.153	ng	# 94
51) 2,6-Dinitrotoluene	14.68	165	13128	7.151	ng	# 24
57) 2,4-Dinitrotoluene	14.68	165	13128	5.147	ng	# 24

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

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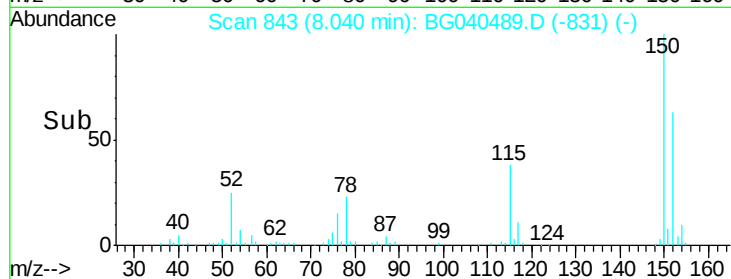
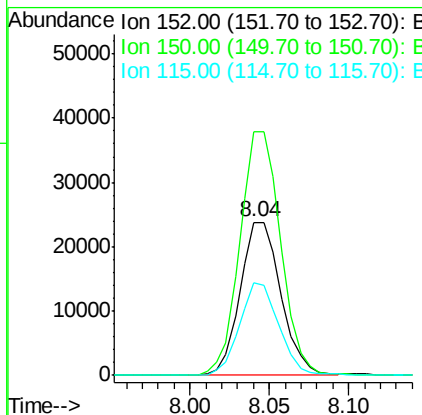
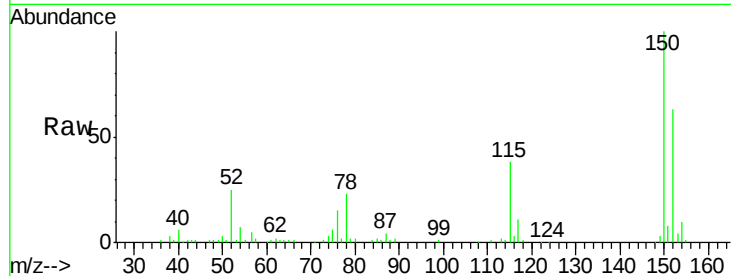


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BG040489.D
 Acq: 15 Apr 2019 21:00

Instrument :
 BNA_G
 ClientSampled :

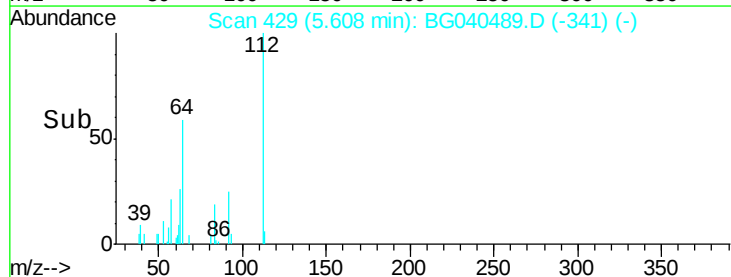
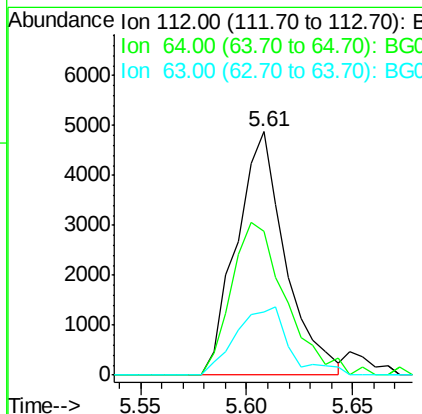
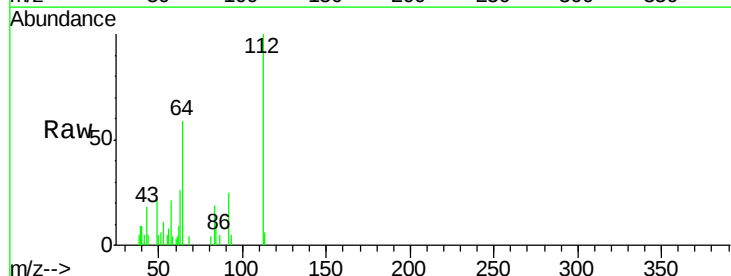
Tot Ion:152 Resp: 42562
 Ion Ratio Lower Upper
 152 100
 150 158.5 123.7 185.5
 115 60.2 46.9 70.3

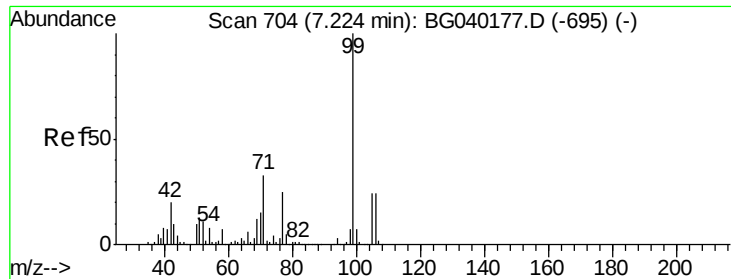


#5

2-Fluorophenol
 Concen: 3.055 ng
 RT: 5.61 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BG040489.D
 Acq: 15 Apr 2019 21:00

Tgt Ion:112 Resp: 7821
 Ion Ratio Lower Upper
 112 100
 64 58.8 54.2 81.2
 63 25.9 26.4 39.6#





#7

Phenol-d6

Concen: 21.595 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

Instrument :

BNA_G

ClientSampled :

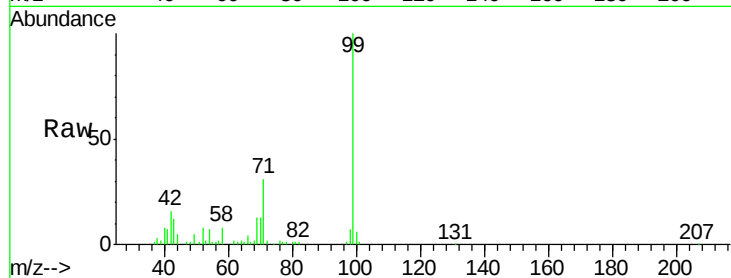
Tot Ion: 99 Resp: 76410

Ion Ratio Lower Upper

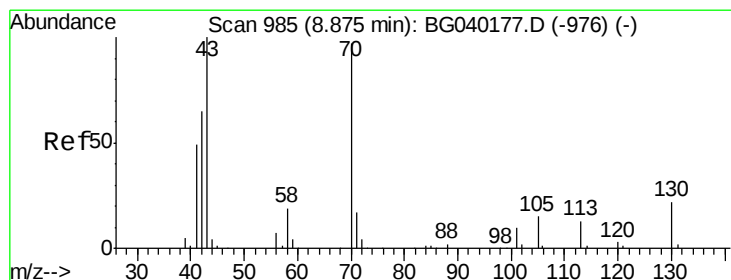
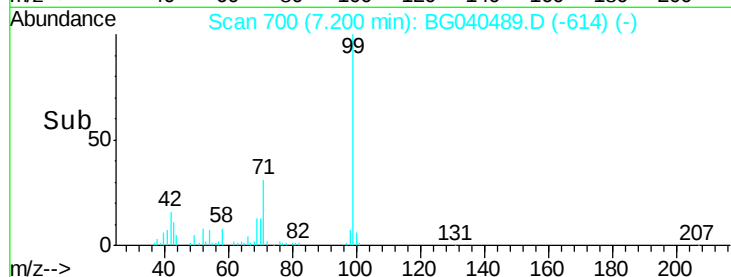
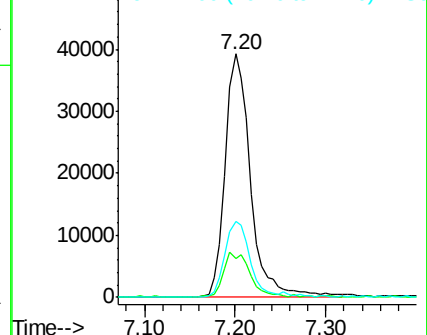
99 100

42 16.1 16.2 24.2#

71 31.3 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: 11.552 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

Tgt Ion: 70 Resp: 29305

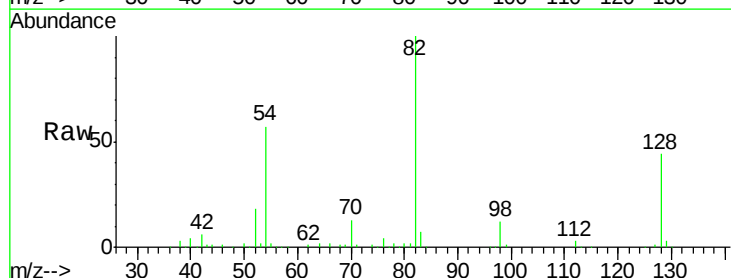
Ion Ratio Lower Upper

70 100

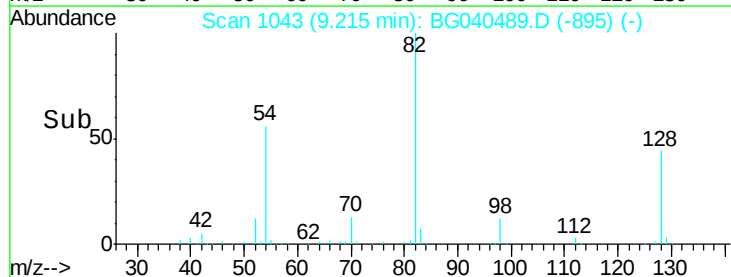
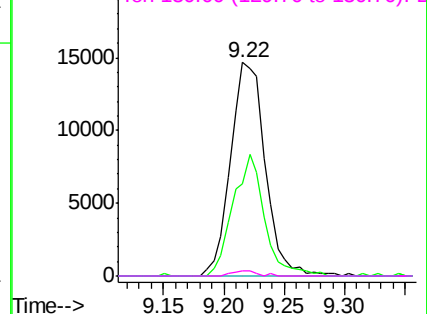
42 43.0 54.0 81.0#

101 0.0 8.6 13.0#

130 2.4 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

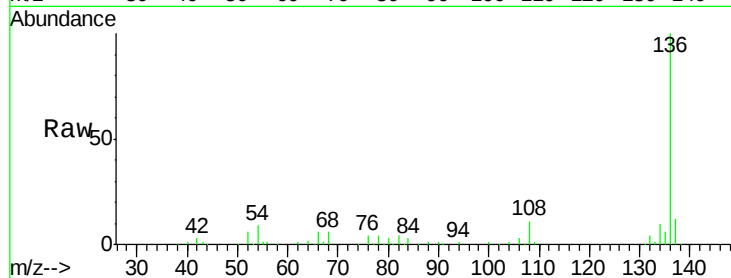




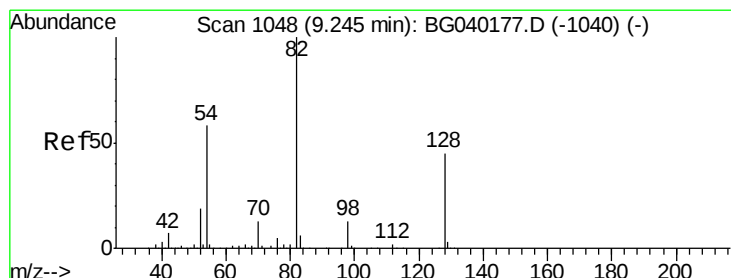
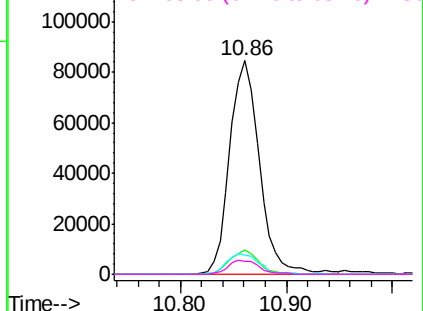
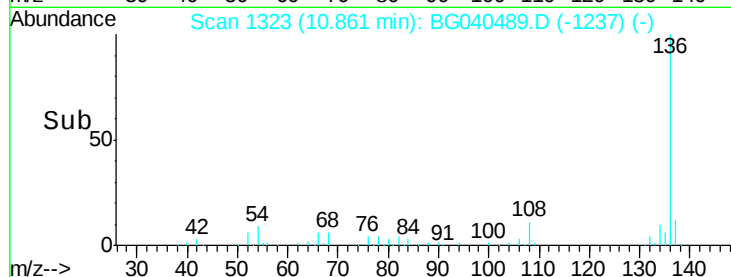
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040489.D
Acq: 15 Apr 2019 21:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	165963
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.9 13.3
54	8.9	9.6 14.4
68	6.2	5.1 7.7

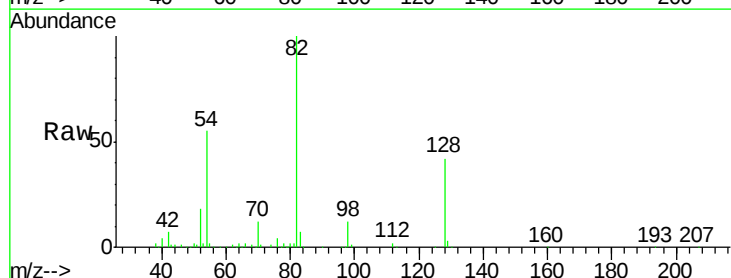


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

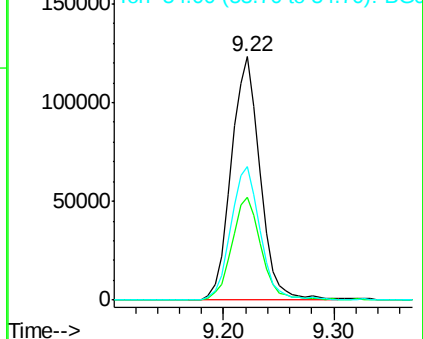
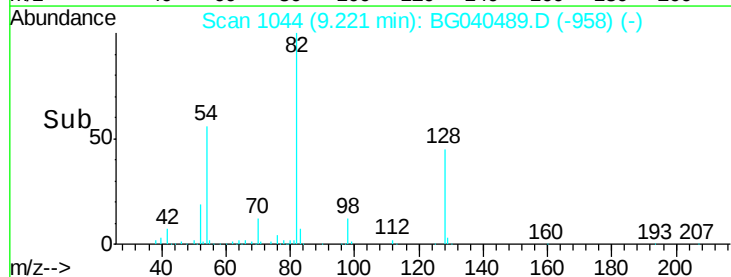


#23
Nitrobenzene-d5
Concen: 72.708 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040489.D
Acq: 15 Apr 2019 21:00

Tgt Ion: 82	Resp:	227019
Ion Ratio	Lower	Upper
82	100	
128	42.5	35.8 53.8
54	54.8	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

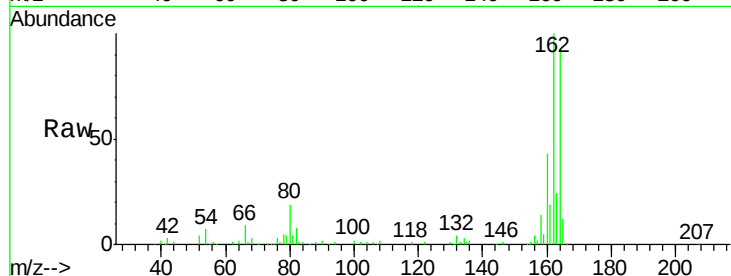




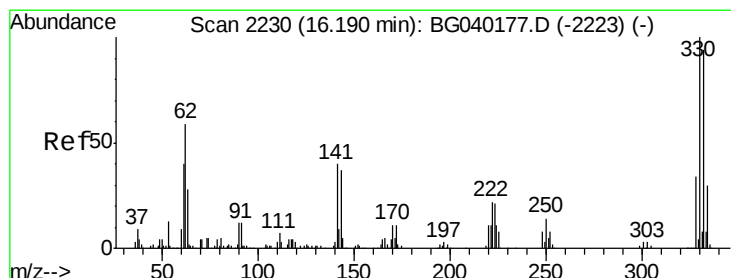
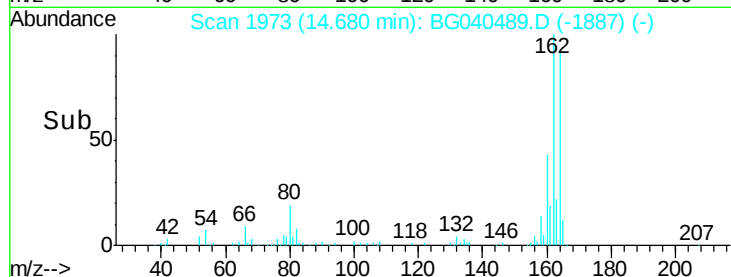
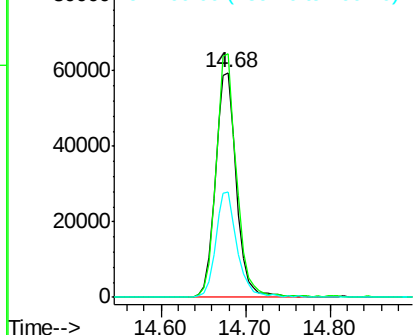
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040489.D
Acq: 15 Apr 2019 21:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 104465
Ion Ratio Lower Upper
164 100
162 108.3 77.4 116.2
160 46.6 35.3 52.9

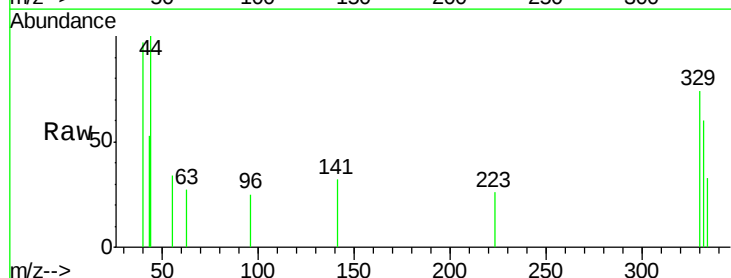


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

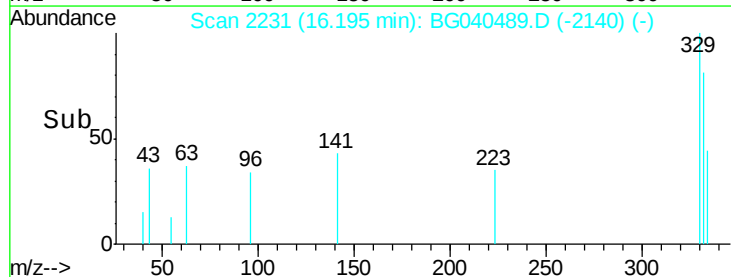
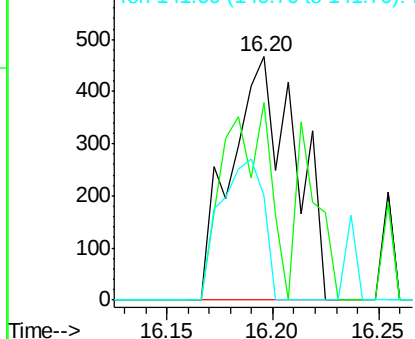


#42
2,4,6-Tribromophenol
Concen: 0.870 ng
RT: 16.20 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BG040489.D
Acq: 15 Apr 2019 21:00

Tgt Ion:330 Resp: 982
Ion Ratio Lower Upper
330 100
332 57.7 76.6 115.0#
141 39.3 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: 78.421 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

Instrument :

BNA_G

ClientSampleId :

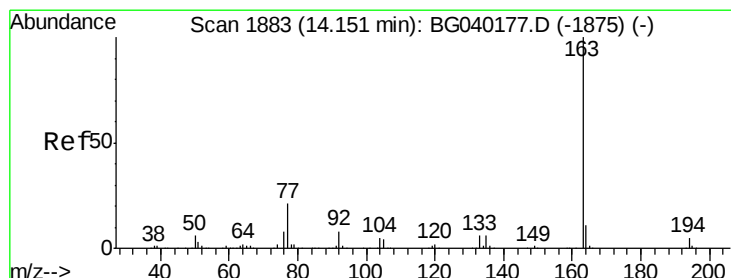
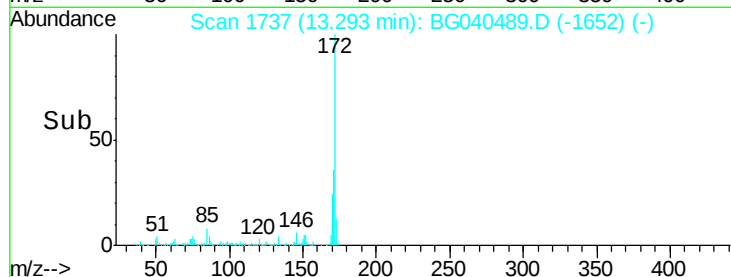
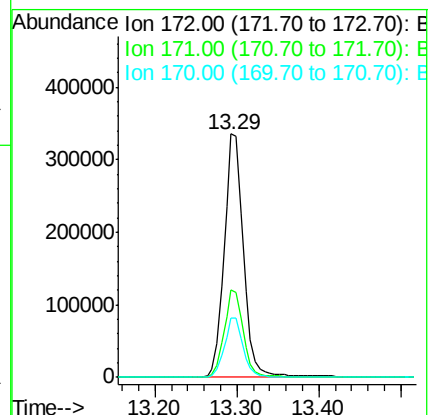
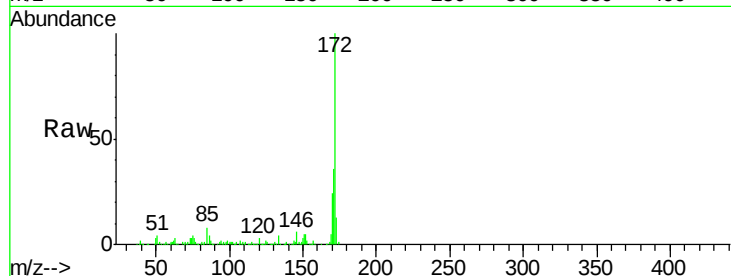
Tot Ion:172 Resp: 552873

Ion Ratio Lower Upper

172 100

171 35.7 30.5 45.7

170 24.1 20.1 30.1



#50

Dimethylphthalate

Concen: 5.153 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

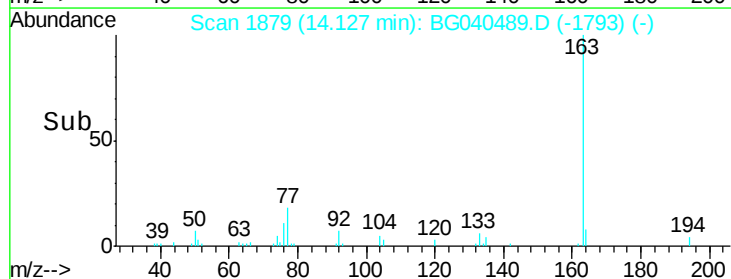
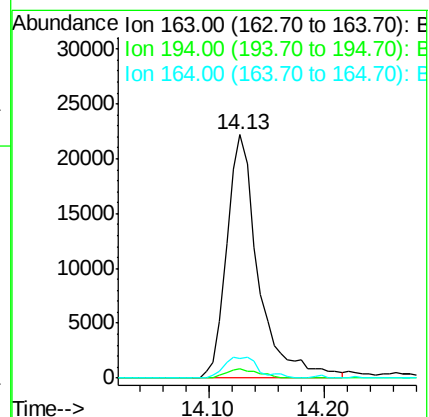
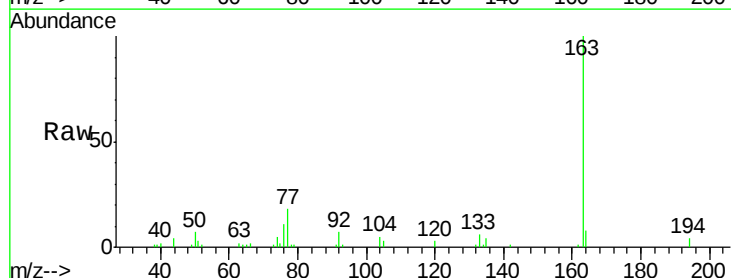
Tgt Ion:163 Resp: 42133

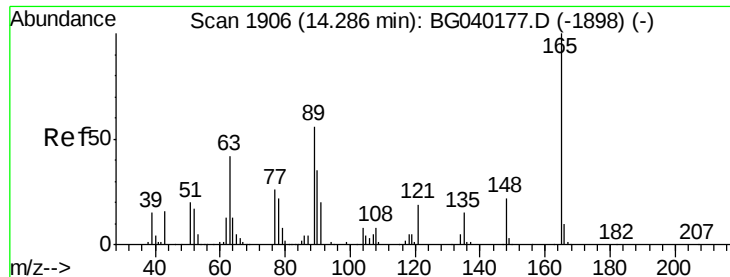
Ion Ratio Lower Upper

163 100

194 3.8 4.1 6.1#

164 8.1 8.6 13.0#

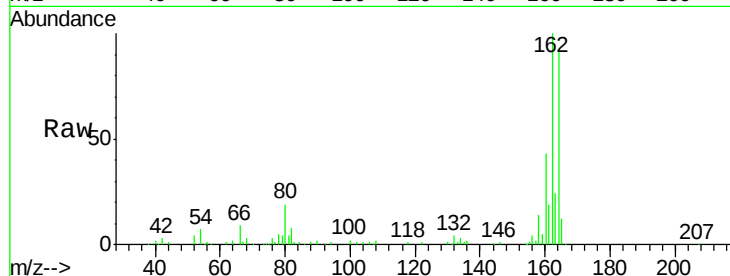




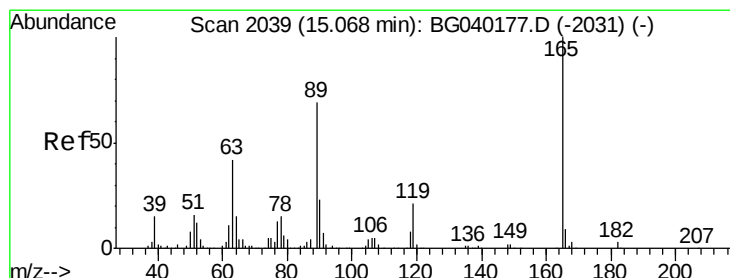
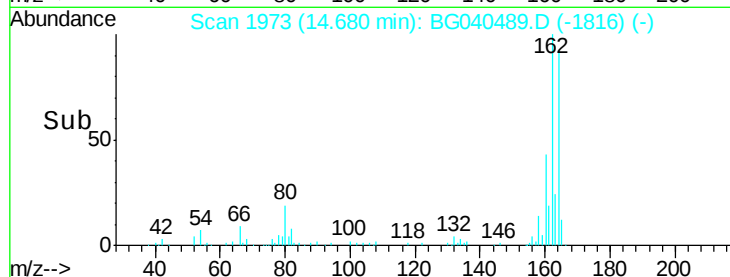
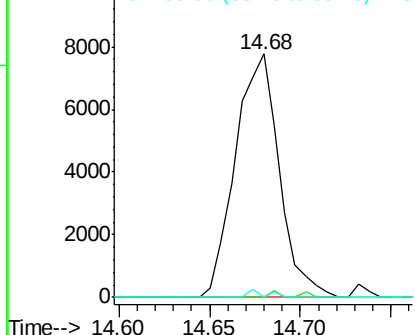
#51
 2,6-Dinitrotoluene
 Concen: 7.151 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.39 min
 Lab File: BG040489.D
 Acq: 15 Apr 2019 21:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 13128
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.9 67.3#

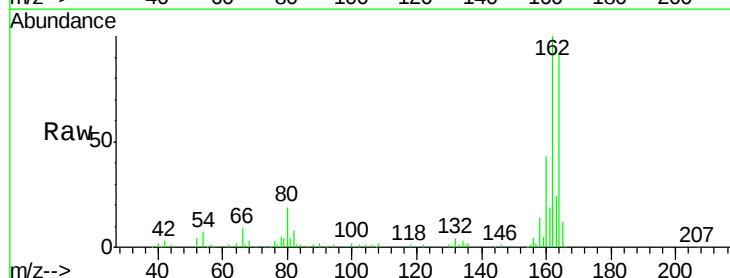


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

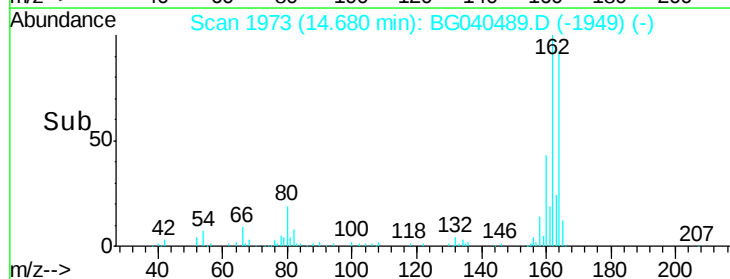
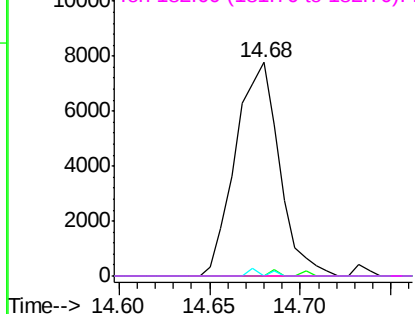


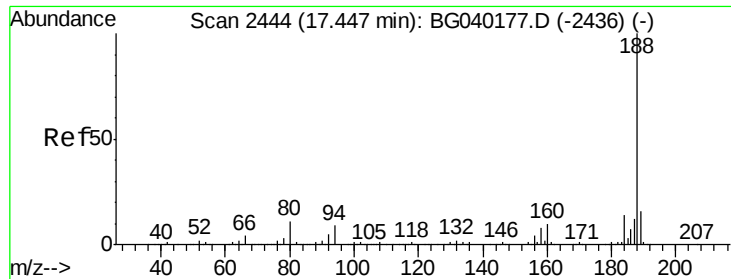
#57
 2,4-Dinitrotoluene
 Concen: 5.147 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040489.D
 Acq: 15 Apr 2019 21:00

Tgt Ion:165 Resp: 13128
 Ion Ratio Lower Upper
 165 100
 63 0.0 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# 2440

Delta R.T. -0.02 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

Instrument :

BNA_G

ClientSampleId :

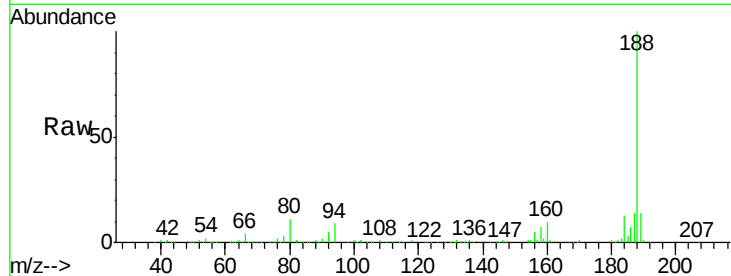
Tot Ion:188 Resp: 283141

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

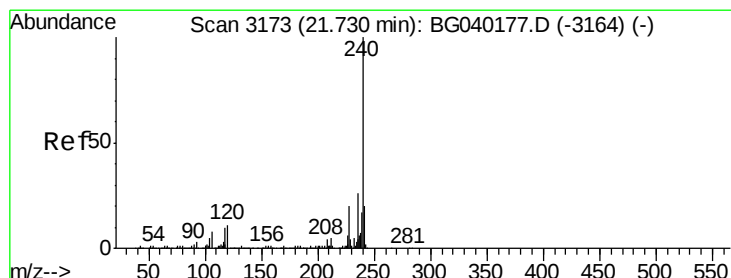
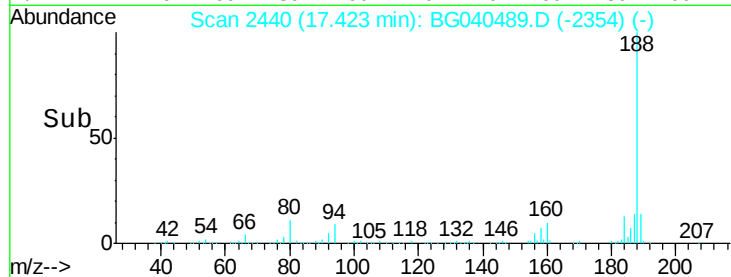
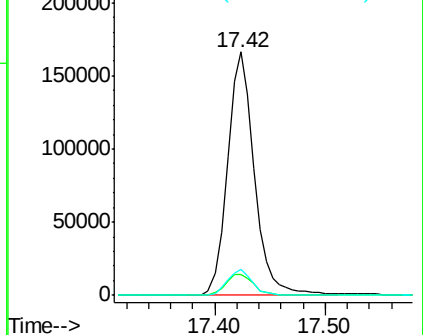
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

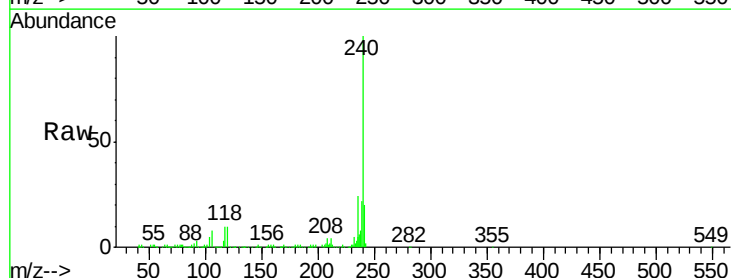
Tgt Ion:240 Resp: 284914

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

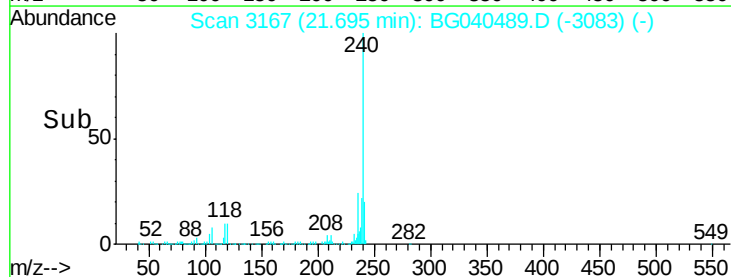
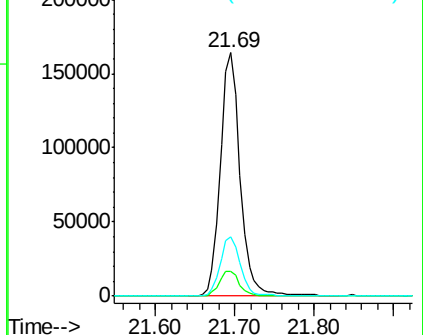
236 24.4 20.8 31.2

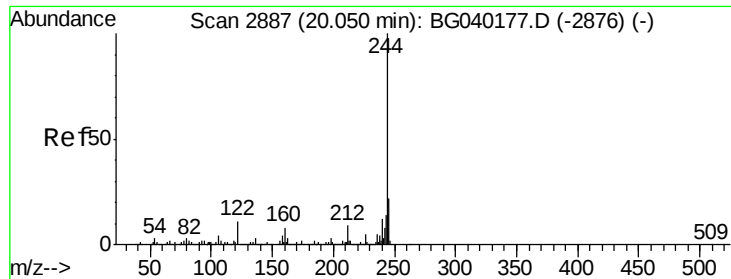


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.709 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

Instrument :

BNA_G

ClientSampled :

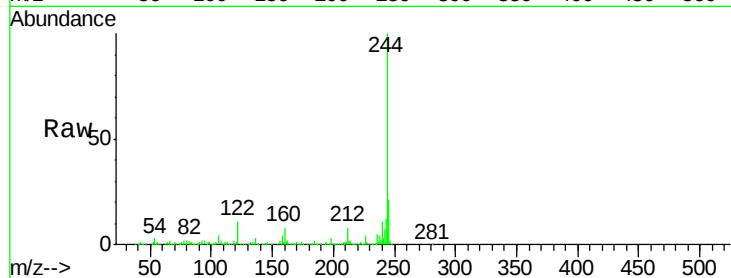
Tot Ion:244 Resp: 984164

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

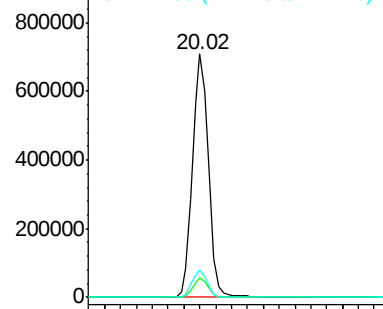
122 11.1 8.5 12.7



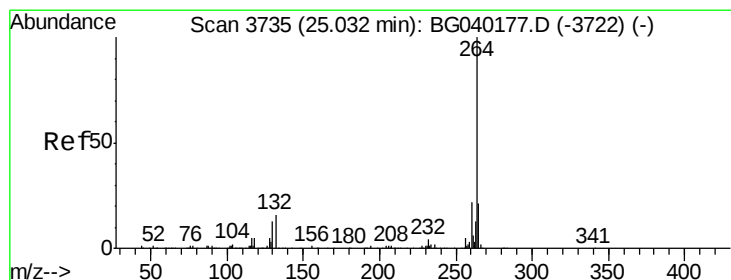
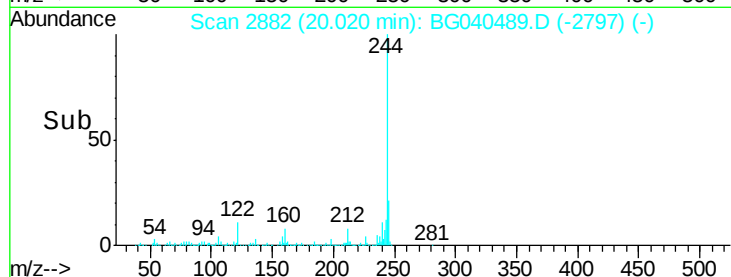
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040489.D

Acq: 15 Apr 2019 21:00

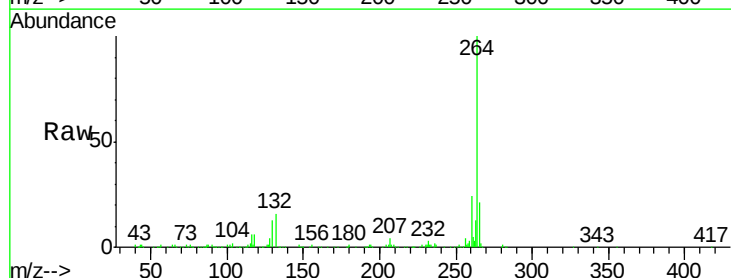
Tgt Ion:264 Resp: 300826

Ion Ratio Lower Upper

264 100

260 24.1 17.9 26.9

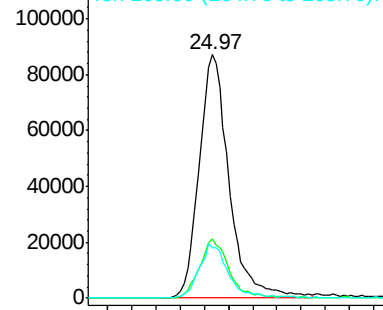
265 20.6 16.8 25.2



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



Time--> 24.80 25.00 25.20

