

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
 Data File : BG040492.D
 Acq On : 15 Apr 2019 23:00
 Operator : JU/SJ
 Sample : K2389-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 01:32:36 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

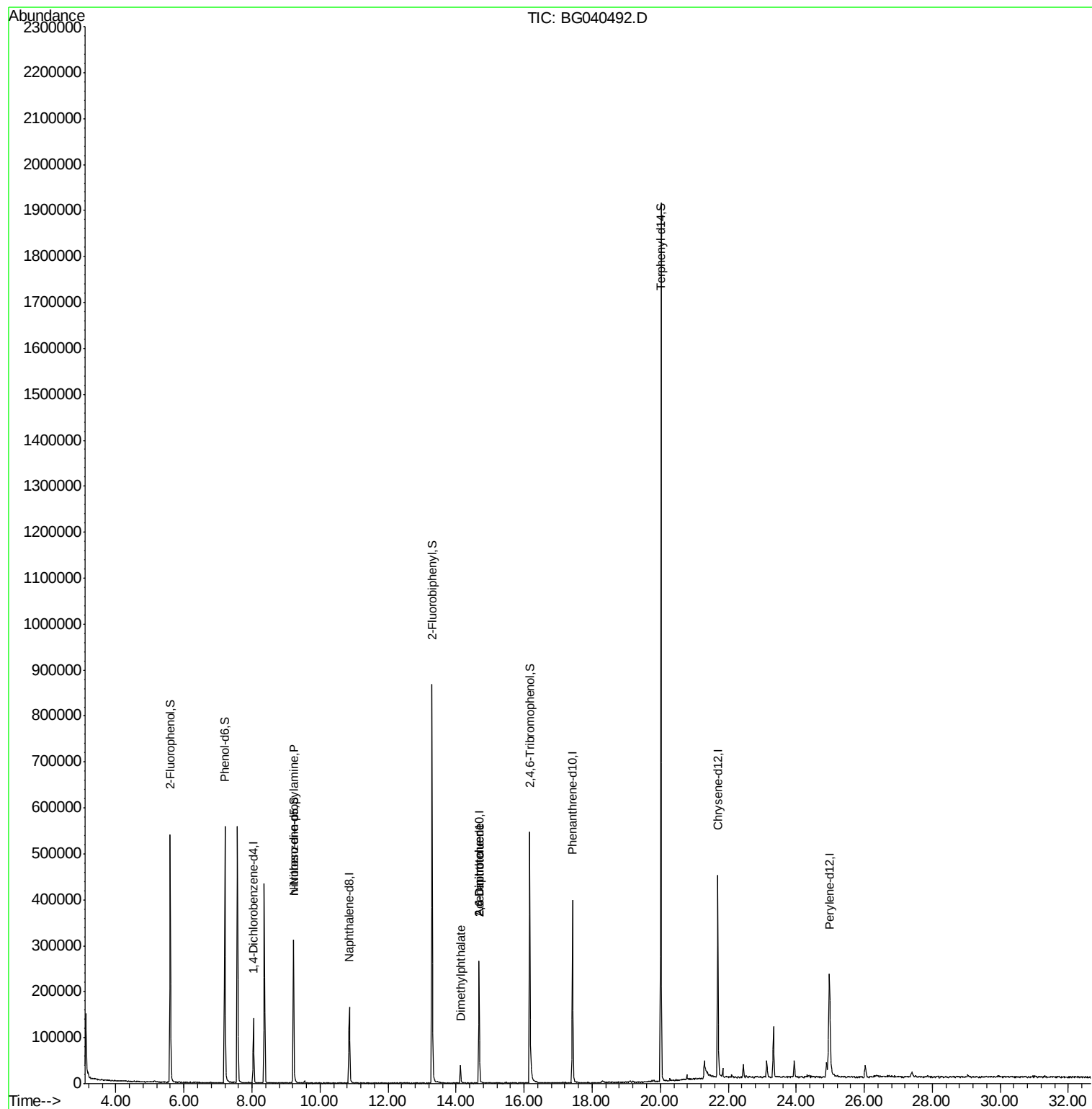
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	40697	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	155763	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	99869	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	267071	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	267217	20.00	ng	-0.04
87) Perylene-d12	24.97	264	286307	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	249110	101.76	ng	-0.02
7) Phenol-d6	7.20	99	347372	102.67	ng	-0.02
23) Nitrobenzene-d5	9.22	82	207380	70.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	115195	106.73	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	490083	72.71	ng	-0.03
79) Terphenyl-d14	20.02	244	897497	75.56	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	25417	10.478	ng	# 74
50) Dimethylphthalate	14.13	163	34083	4.361	ng	# 96
51) 2,6-Dinitrotoluene	14.67	165	12681	7.226	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	12681	5.200	ng	# 26

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

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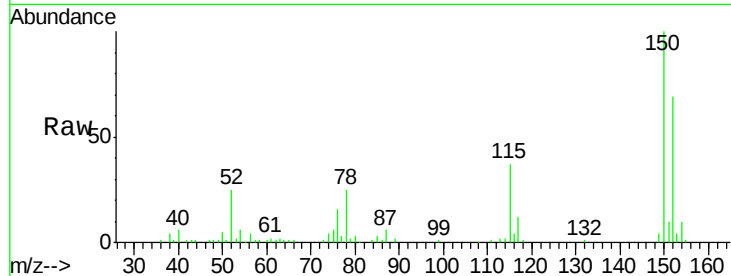


#1

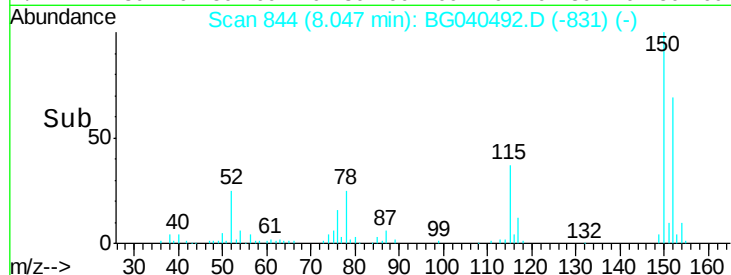
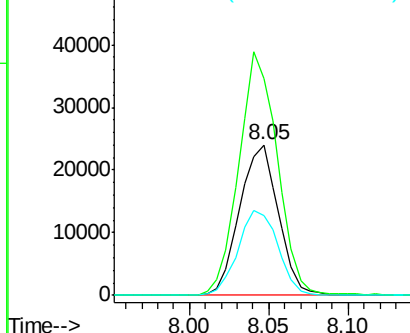
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040492.D
Acq: 15 Apr 2019 23:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 40697
Ion Ratio Lower Upper
152 100
150 144.2 123.7 185.5
115 53.5 46.9 70.3



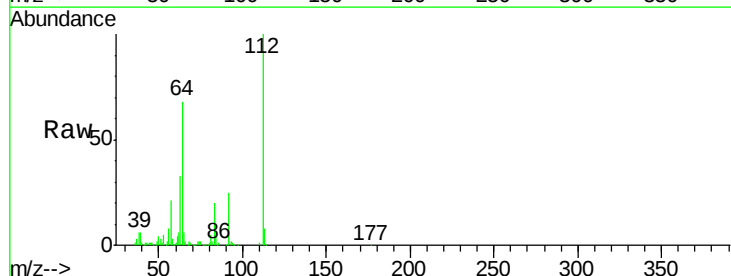
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



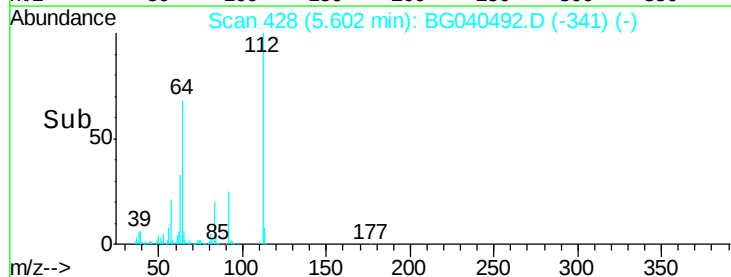
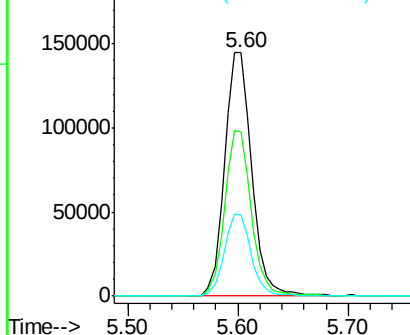
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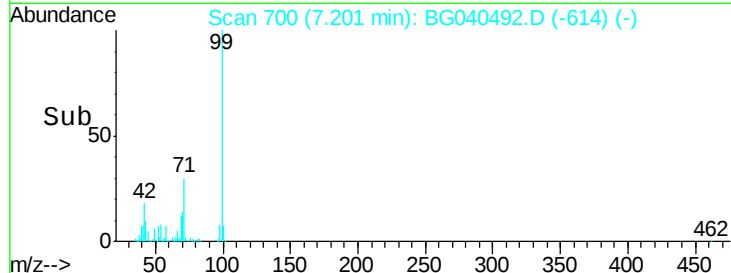
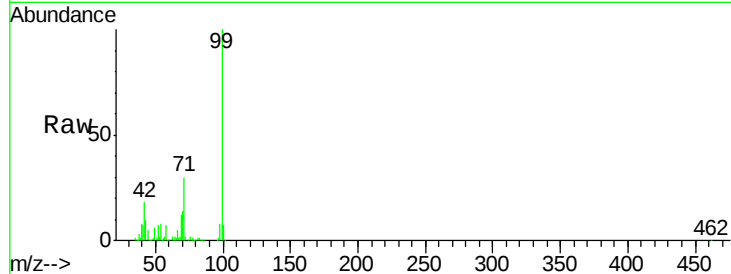
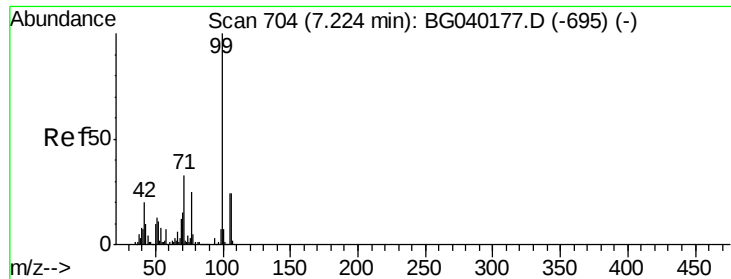
2-Fluorophenol
Concen: 101.758 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040492.D
Acq: 15 Apr 2019 23:00

Tgt Ion:112 Resp: 249110
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.2
63 33.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 102.673 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040492.D

Acq: 15 Apr 2019 23:00

Instrument :

BNA_G

ClientSampleId :

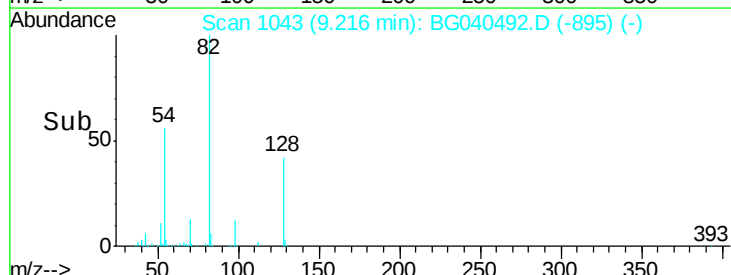
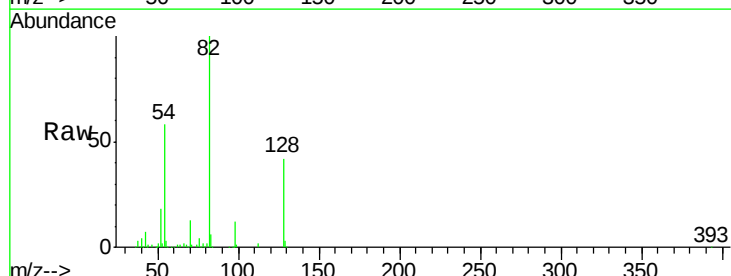
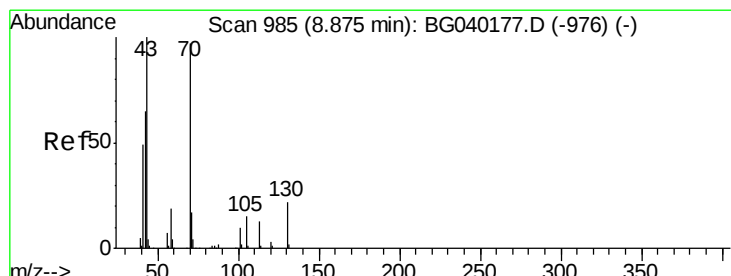
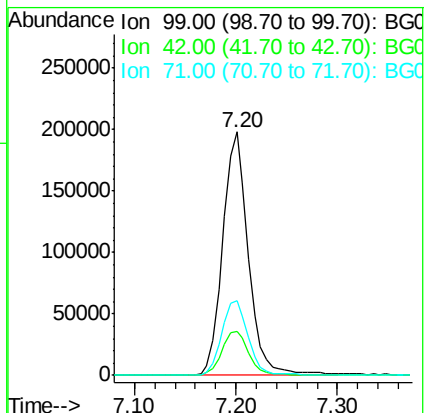
Tot Ion: 99 Resp: 347372

Ion Ratio Lower Upper

99 100

42 18.2 16.2 24.2

71 30.5 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.478 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040492.D

Acq: 15 Apr 2019 23:00

Tgt Ion: 70 Resp: 25417

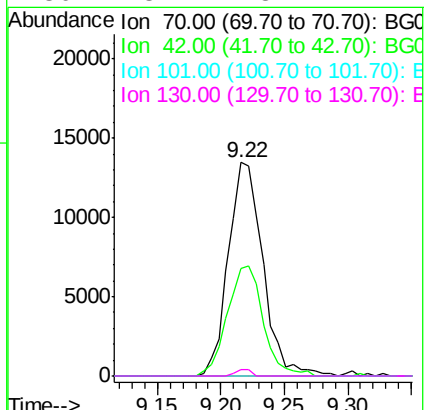
Ion Ratio Lower Upper

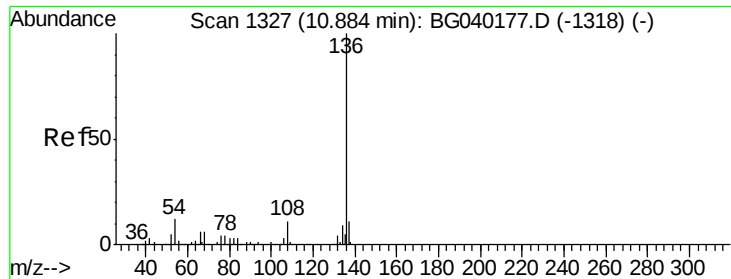
70 100

42 50.3 54.0 81.0#

101 0.0 8.6 13.0#

130 3.1 18.2 27.2#

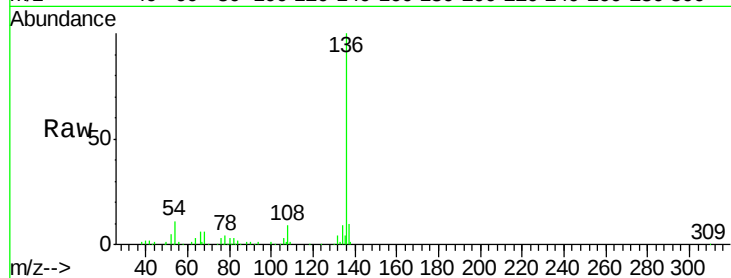




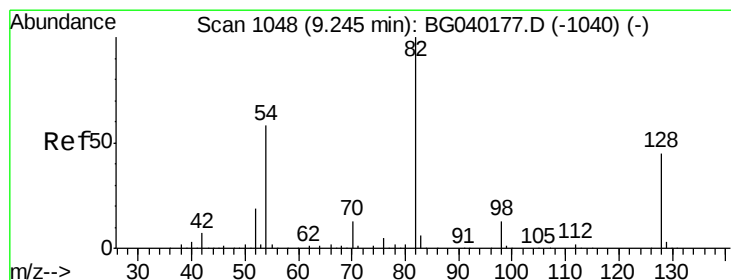
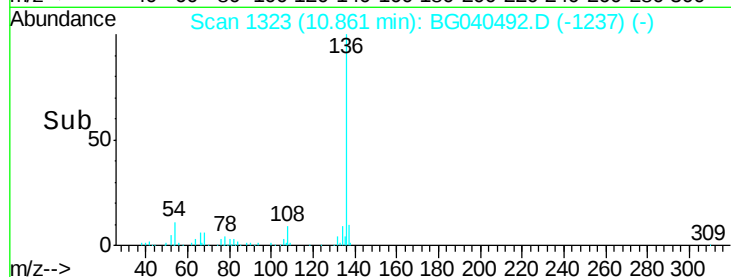
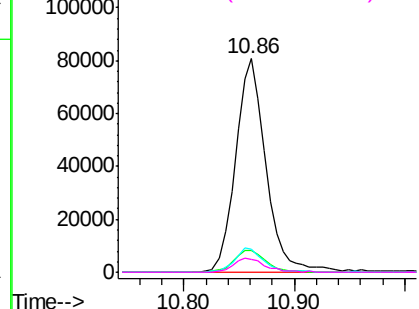
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040492.D
Acq: 15 Apr 2019 23:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	155763
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.9 13.3
54	11.0	9.6 14.4
68	5.9	5.1 7.7

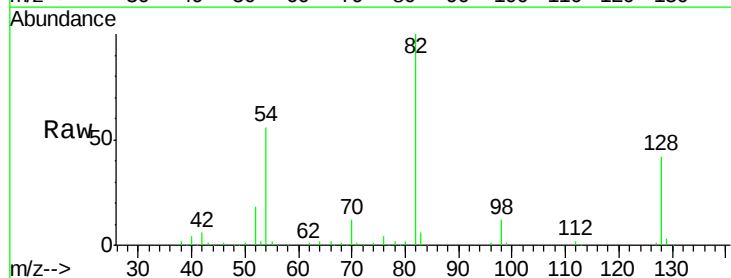


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

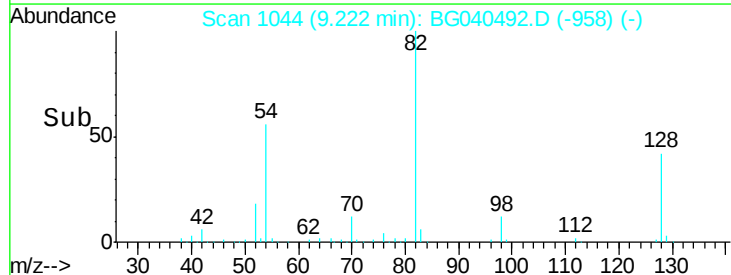
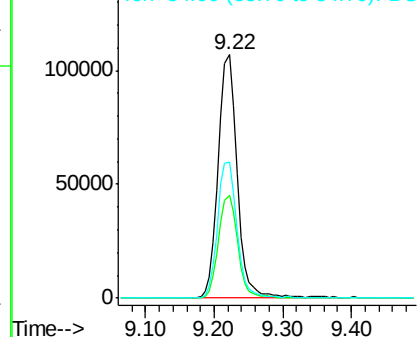


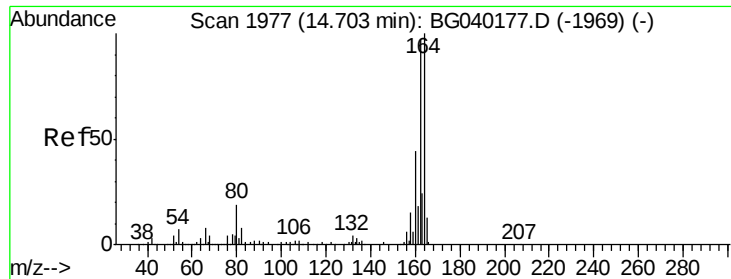
#23
Nitrobenzene-d5
Concen: 70.767 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040492.D
Acq: 15 Apr 2019 23:00

Tgt Ion: 82	Resp:	207380
Ion	Ratio	Lower Upper
82	100	
128	42.3	35.8 53.8
54	55.8	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. -0.03 min

Lab File: BG040492.D

Acq: 15 Apr 2019 23:00

Instrument :

BNA_G

ClientSampleId :

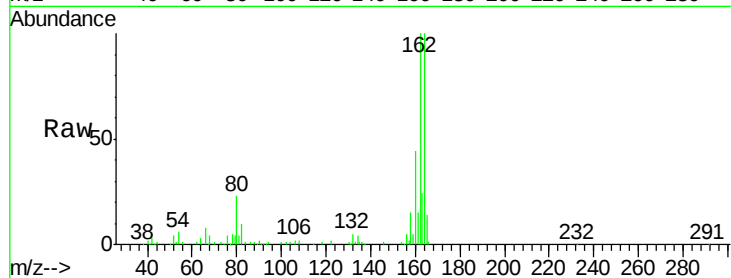
Tot Ion:164 Resp: 99869

Ion Ratio Lower Upper

164 100

162 99.8 77.4 116.2

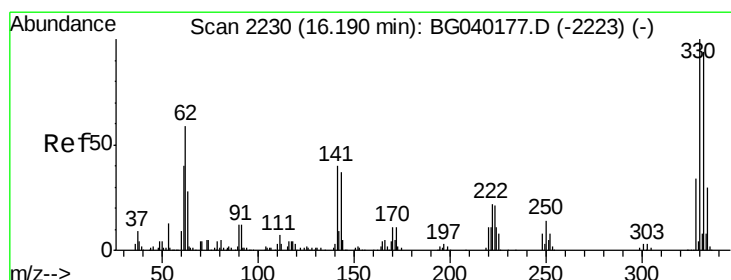
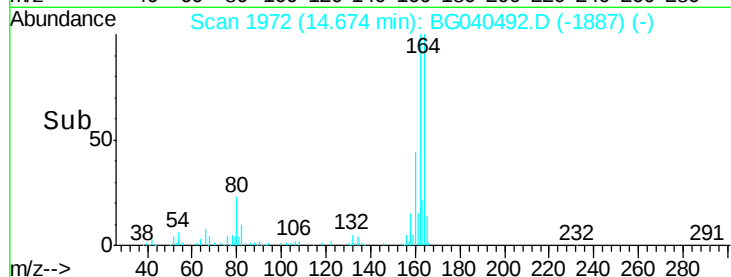
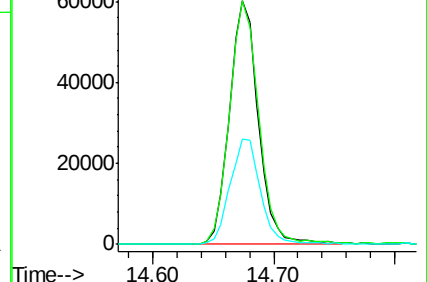
160 43.5 35.3 52.9



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: 106.729 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040492.D

Acq: 15 Apr 2019 23:00

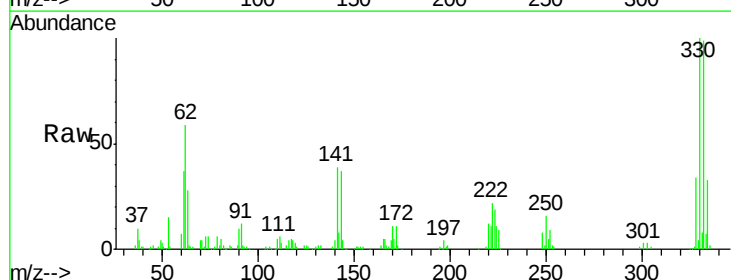
Tgt Ion:330 Resp: 115195

Ion Ratio Lower Upper

330 100

332 98.7 76.6 115.0

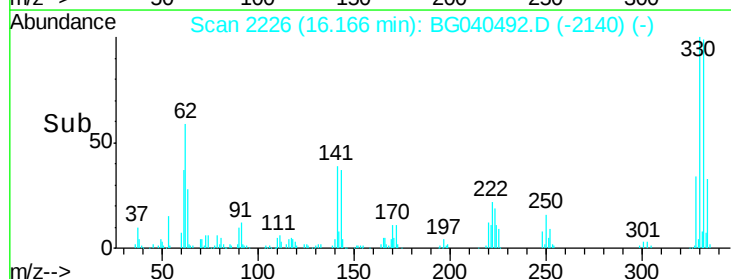
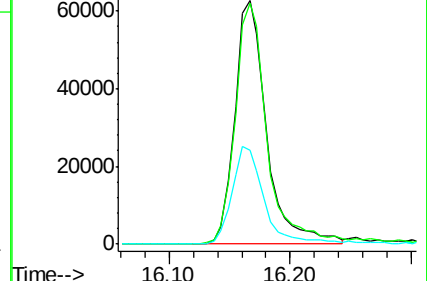
141 40.2 32.6 48.8

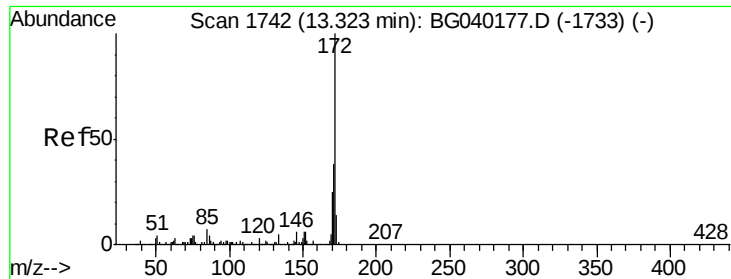


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

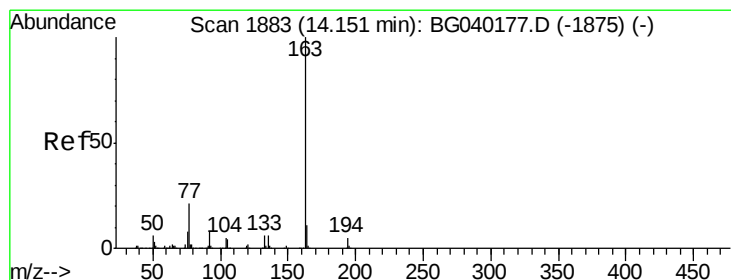
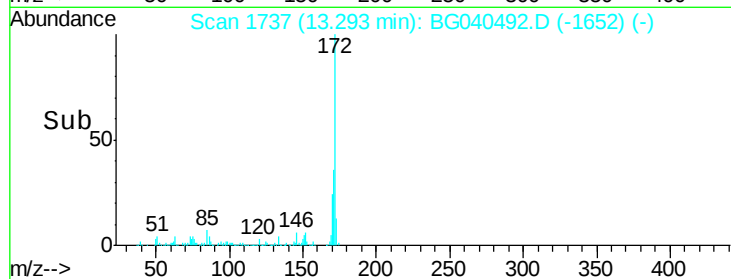
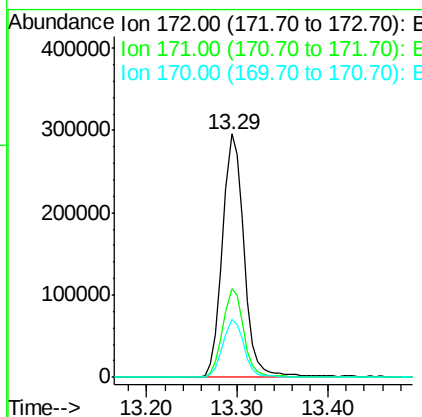
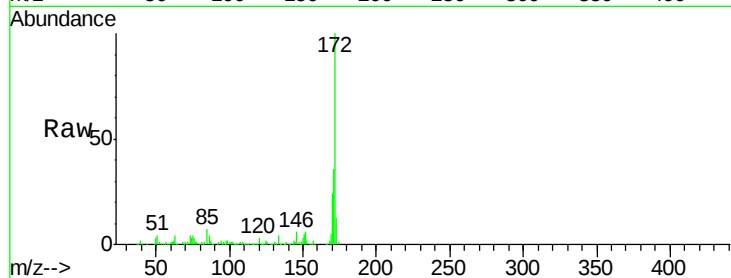




#45
2-Fluorobiphenyl
Concen: 72.714 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040492.D
Acq: 15 Apr 2019 23:00

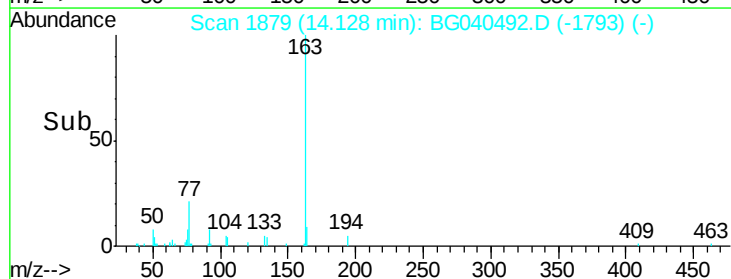
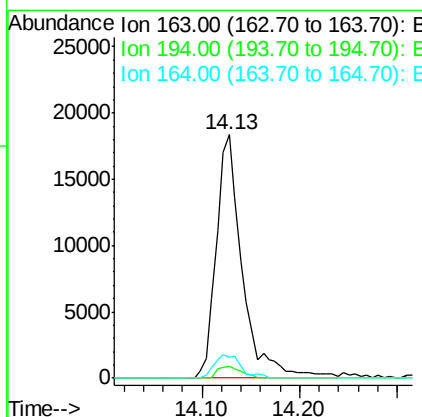
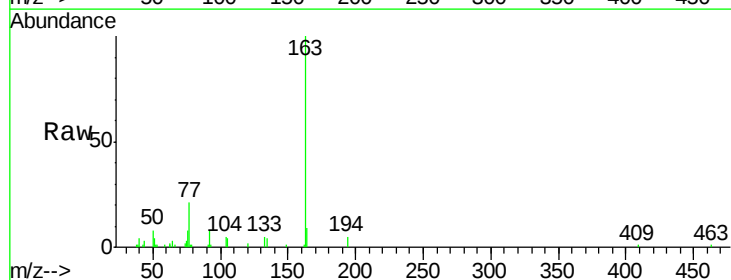
Instrument :
BNA_G
ClientSampleId :

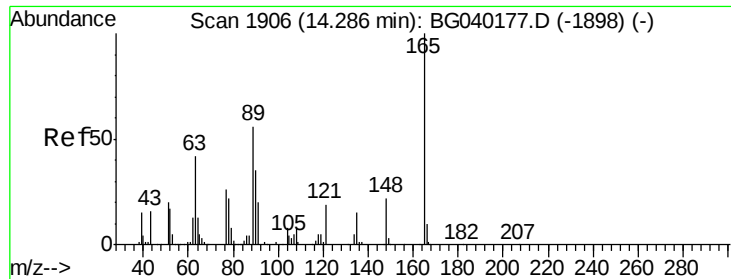
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	23.6	20.1	30.1



#50
Dimethylphthalate
Concen: 4.361 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040492.D
Acq: 15 Apr 2019 23:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.1	6.1
164	8.8	8.6	13.0

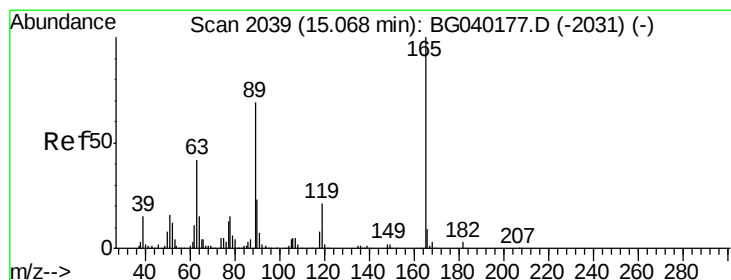
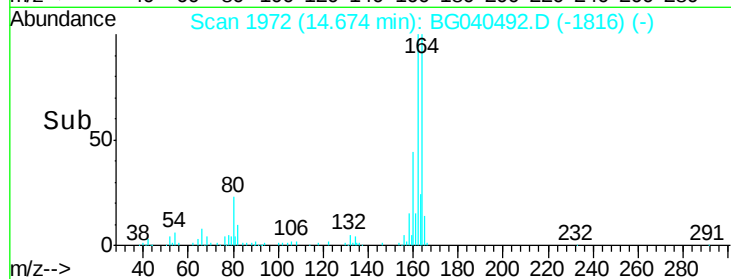
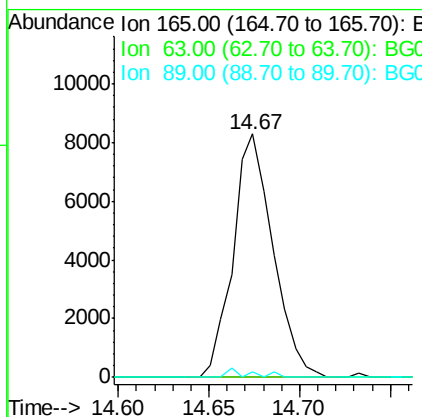
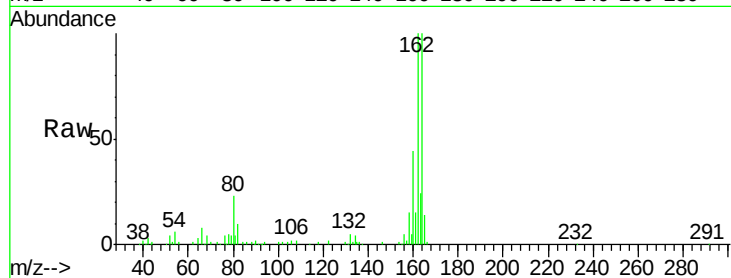




#51
 2,6-Dinitrotoluene
 Concen: 7.226 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.39 min
 Lab File: BG040492.D
 Acq: 15 Apr 2019 23:00

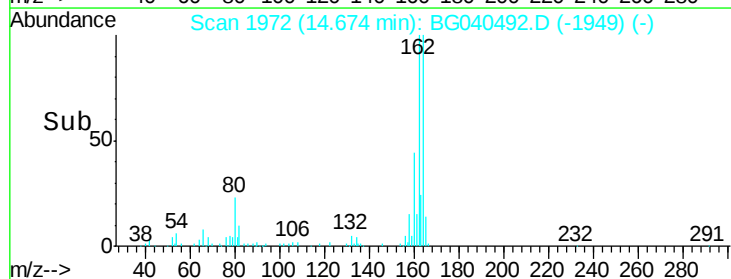
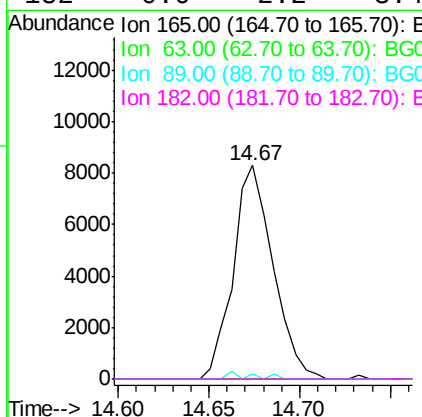
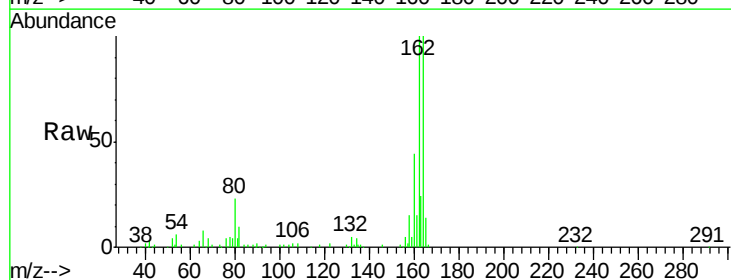
Instrument :
 BNA_G
 ClientSampled :

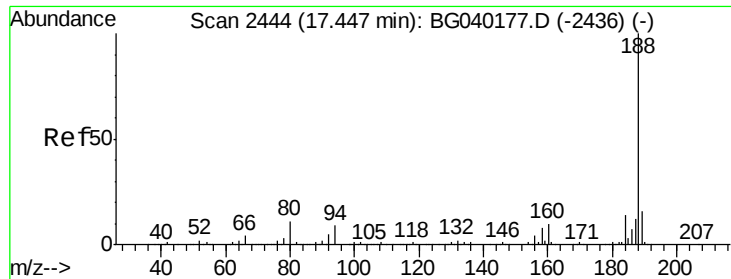
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	2.4	44.9	67.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.200 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040492.D
 Acq: 15 Apr 2019 23:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.4	55.4	83.2#
182	0.0	2.2	3.4#

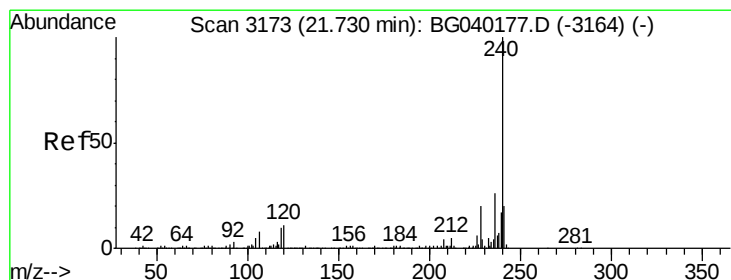
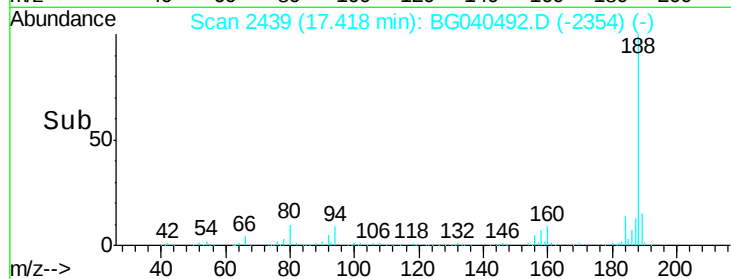
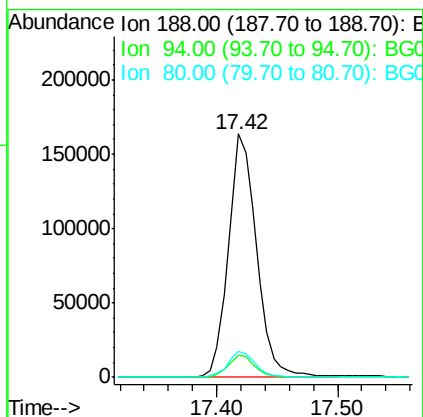
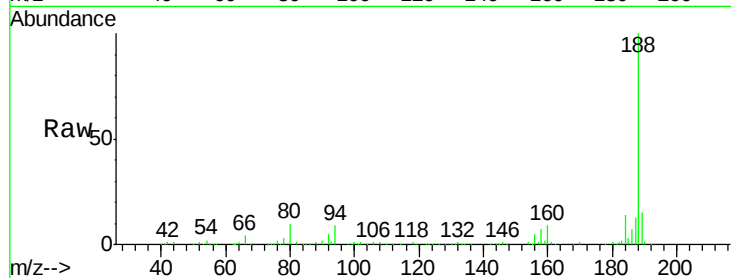




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040492.D
Acq: 15 Apr 2019 23:00

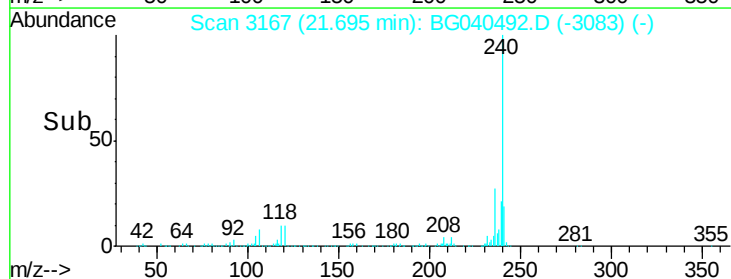
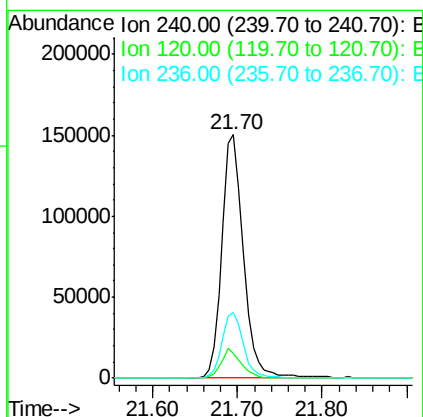
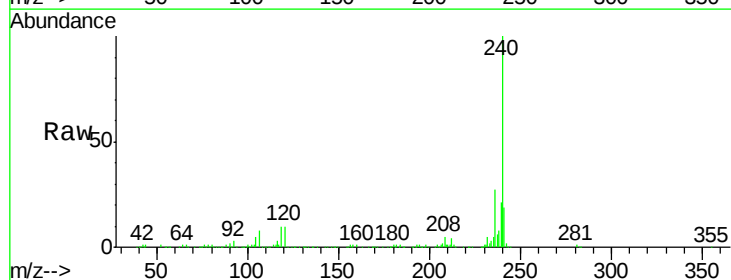
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 267071
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.5 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG040492.D
Acq: 15 Apr 2019 23:00

Tgt Ion:240 Resp: 267217
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 27.1 20.8 31.2





#79

Terphenyl-d14

Concen: 75.559 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040492.D

Acq: 15 Apr 2019 23:00

Instrument :

BNA_G

ClientSampled :

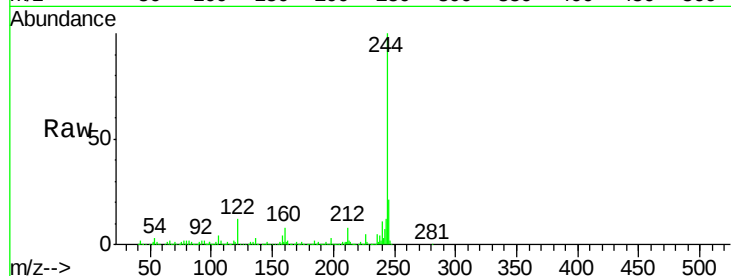
Tot Ion:244 Resp: 897497

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

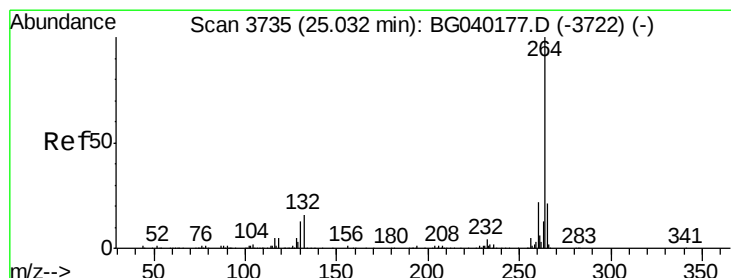
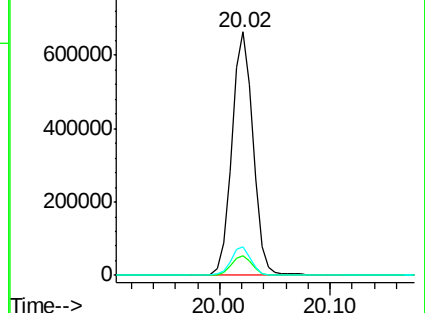
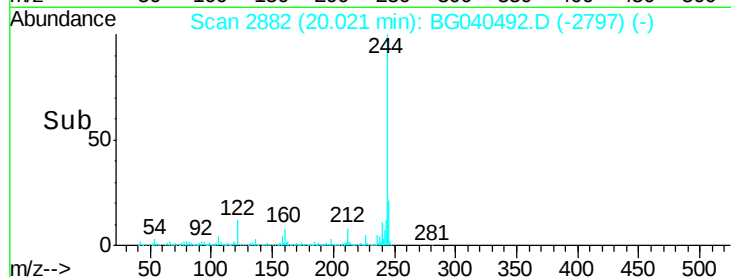
122 11.5 8.5 12.7



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# 3725

Delta R.T. -0.06 min

Lab File: BG040492.D

Acq: 15 Apr 2019 23:00

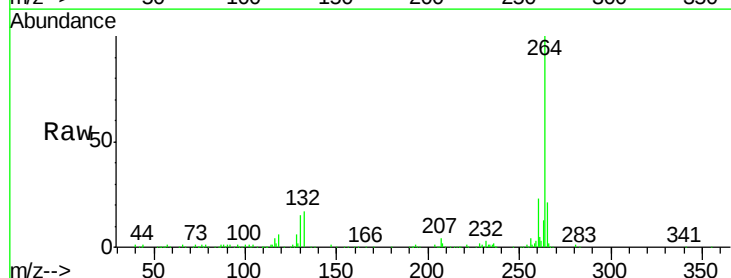
Tgt Ion:264 Resp: 286307

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 21.0 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

