

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040551.D
 Acq On : 18 Apr 2019 5:14
 Operator : JU/SJ
 Sample : K2411-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 05:58:35 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

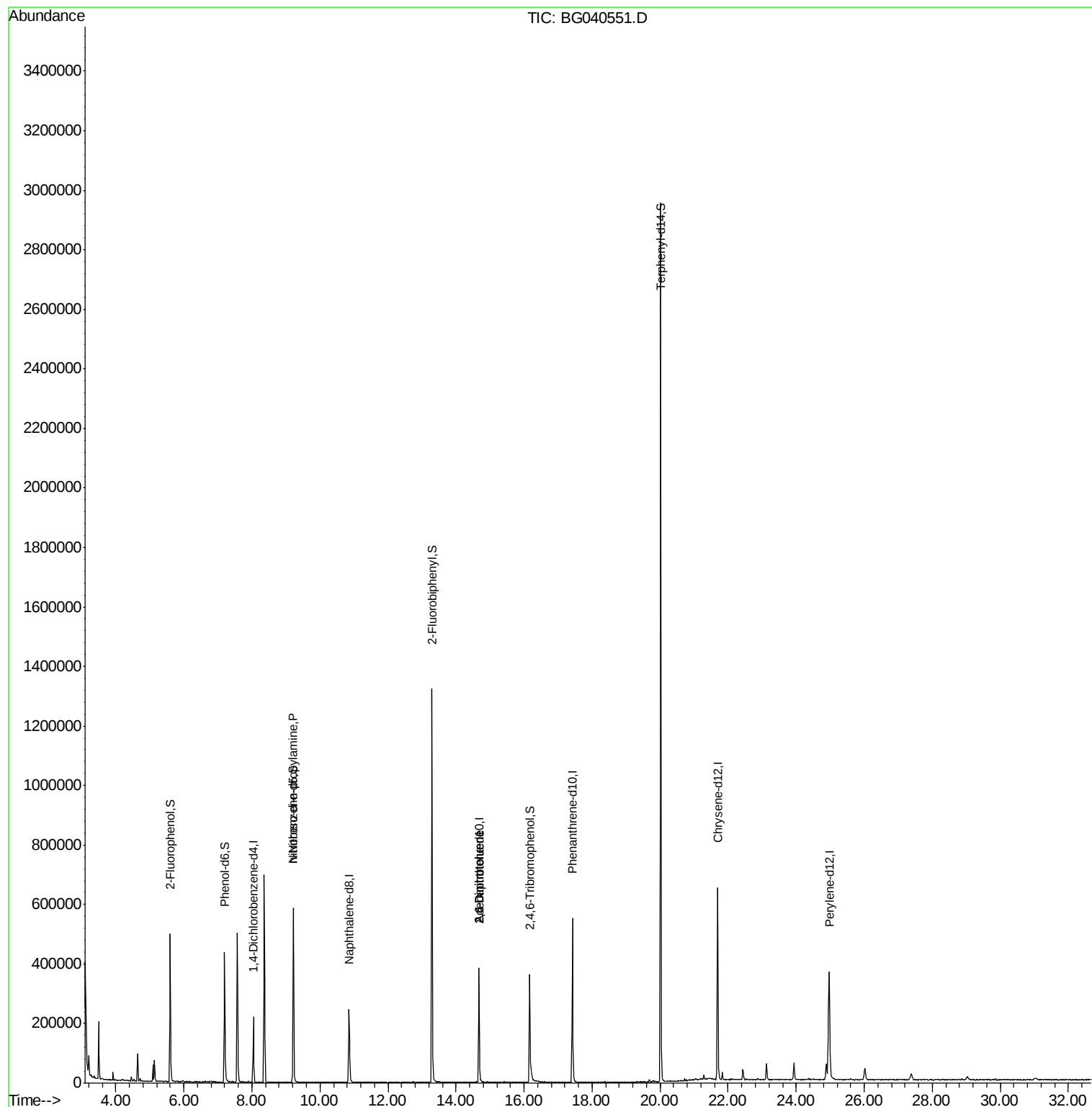
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	59623	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	229575	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	137268	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	371028	20.00	ng	0.00
76) Chrysene-d12	21.69	240	383820	20.00	ng	0.00
87) Perylene-d12	24.97	264	413183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	208771	58.21	ng	0.00
7) Phenol-d6	7.20	99	269465	54.36	ng	0.00
23) Nitrobenzene-d5	9.22	82	355649	82.34	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	82627	55.70	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	754390	81.43	ng	0.00
79) Terphenyl-d14	20.02	244	1370808	80.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	45240	12.730	ng	# 75
51) 2,6-Dinitrotoluene	14.67	165	16882	6.999	ng	# 27
57) 2,4-Dinitrotoluene	14.67	165	16882	5.037	ng	# 27

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

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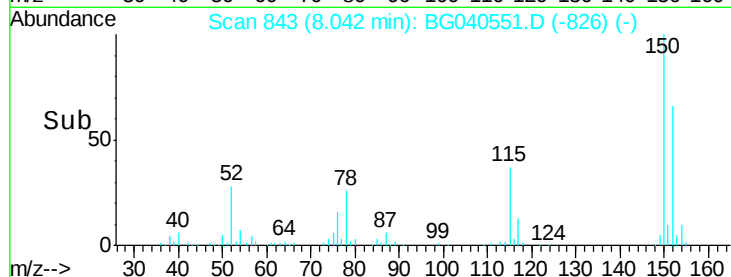
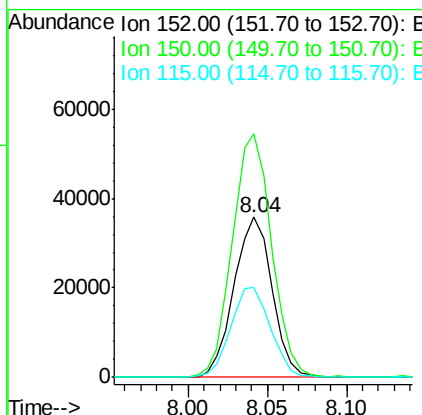
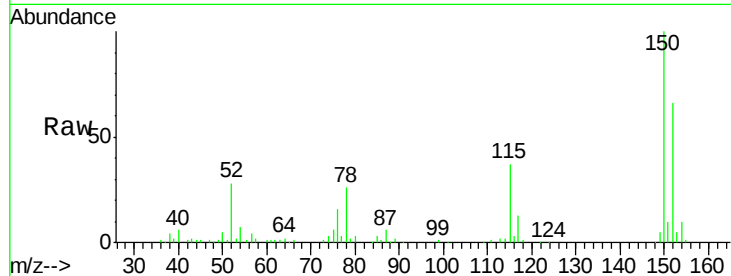


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040551.D
Acq: 18 Apr 2019 5:14

Instrument :
BNA_G
ClientSampleId :

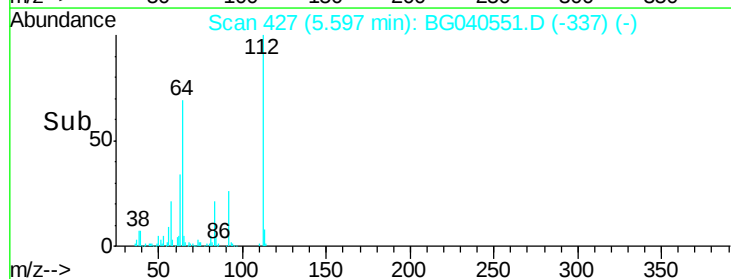
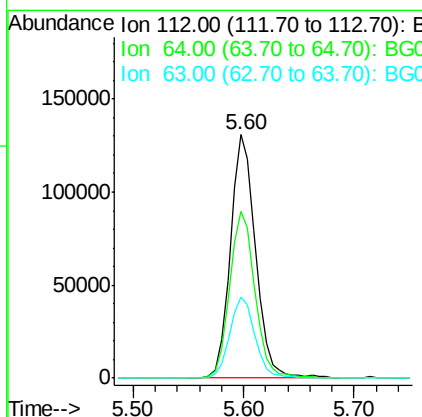
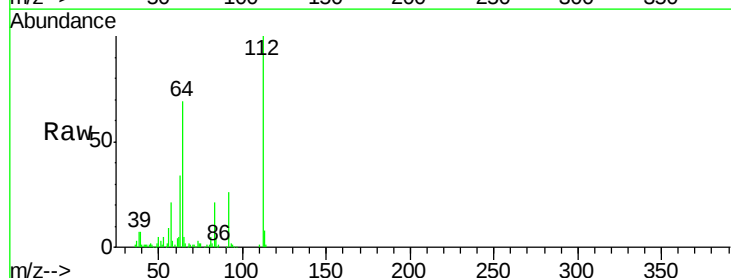
Tot Ion:152 Resp: 59623
Ion Ratio Lower Upper
152 100
150 152.1 123.7 185.5
115 56.6 46.9 70.3



#5

2-Fluorophenol
Concen: 58.210 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040551.D
Acq: 18 Apr 2019 5:14

Tgt Ion:112 Resp: 208771
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.2
63 33.6 26.4 39.6





#7

Phenol-d6

Concen: 54.364 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG040551.D

Acq: 18 Apr 2019 5:14

Instrument :

BNA_G

ClientSampleId :

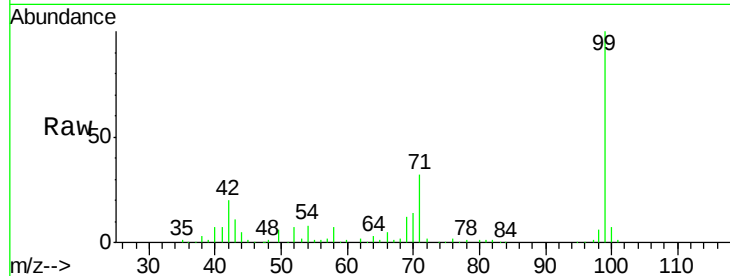
Tot Ion: 99 Resp: 269465

Ion Ratio Lower Upper

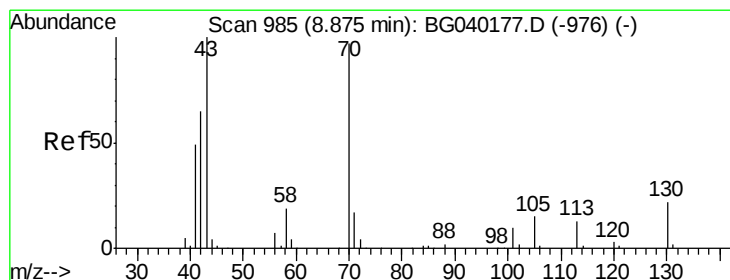
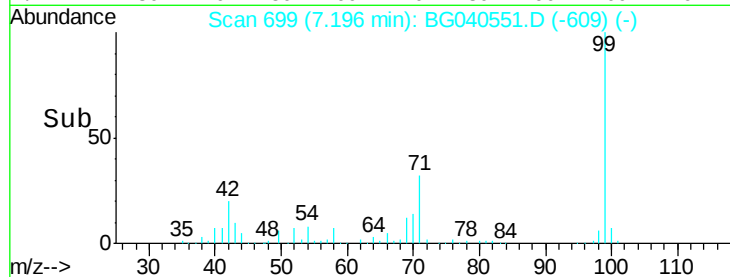
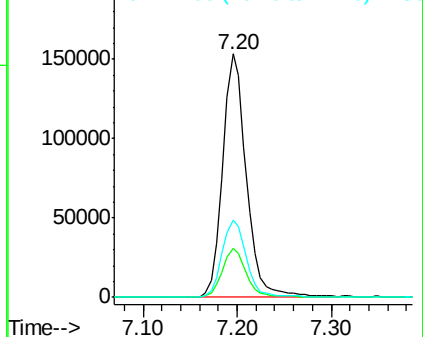
99 100

42 20.3 16.2 24.2

71 31.7 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: 12.730 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.37 min

Lab File: BG040551.D

Acq: 18 Apr 2019 5:14

Tgt Ion: 70 Resp: 45240

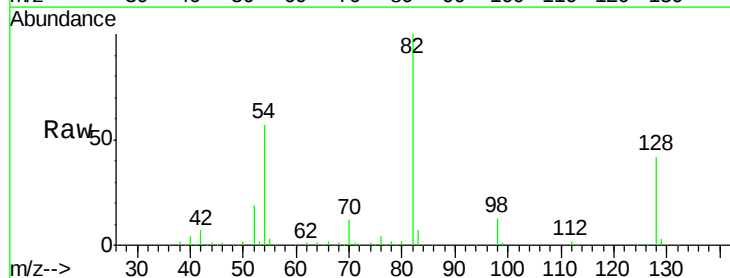
Ion Ratio Lower Upper

70 100

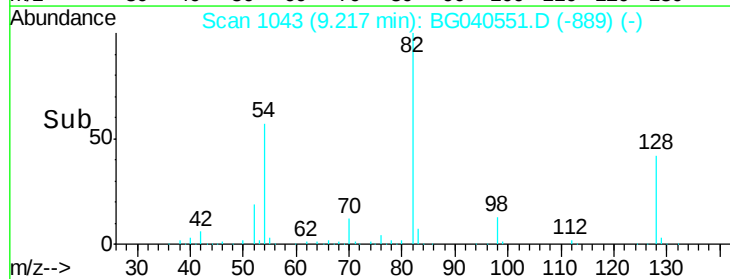
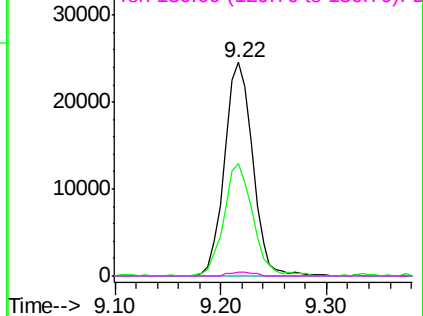
42 52.9 54.0 81.0#

101 0.0 8.6 13.0#

130 1.9 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

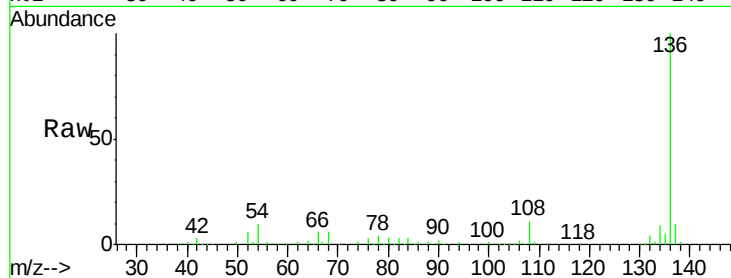




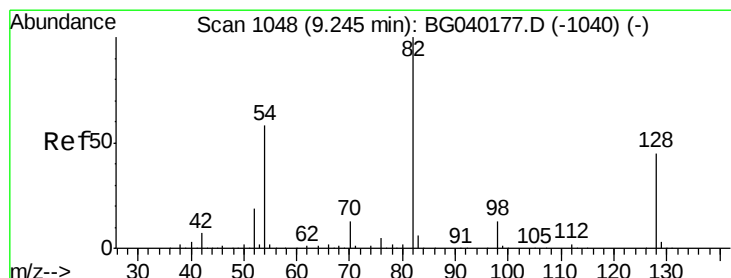
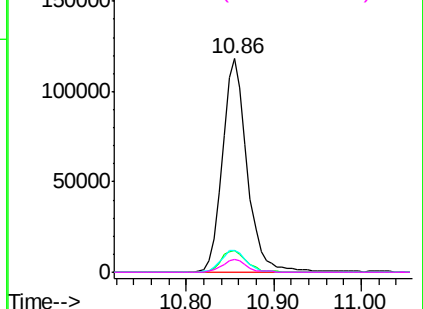
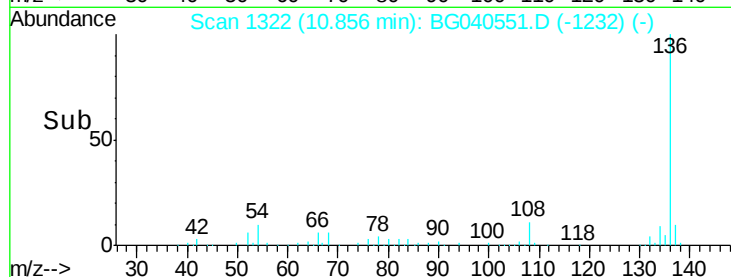
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040551.D
Acq: 18 Apr 2019 5:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	229575
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.9 13.3
54	10.0	9.6 14.4
68	6.1	5.1 7.7

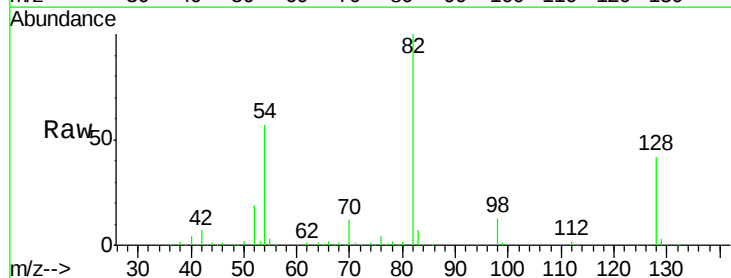


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

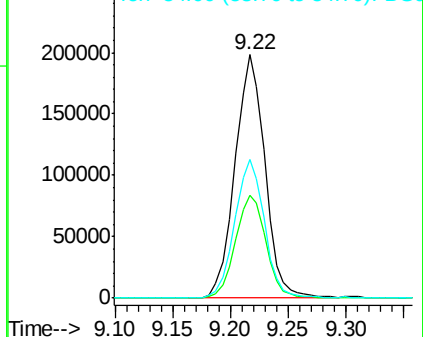
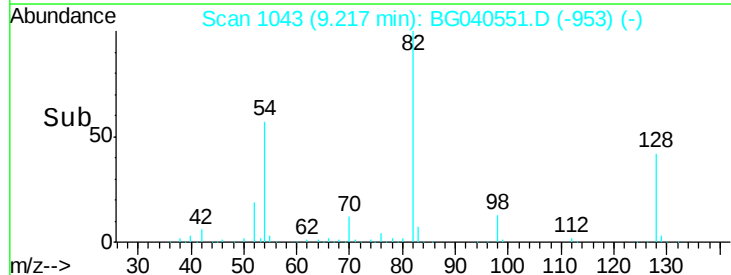


#23
Nitrobenzene-d5
Concen: 82.343 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040551.D
Acq: 18 Apr 2019 5:14

Tgt Ion: 82	Resp:	355649
Ion Ratio	Lower	Upper
82	100	
128	42.4	35.8 53.8
54	57.0	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: BG040551.D

Acq: 18 Apr 2019 5:14

Instrument :

BNA_G

ClientSampled :

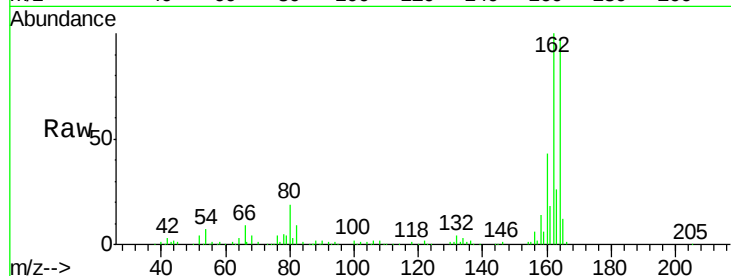
Tot Ion:164 Resp: 137268

Ion Ratio Lower Upper

164 100

162 103.4 77.4 116.2

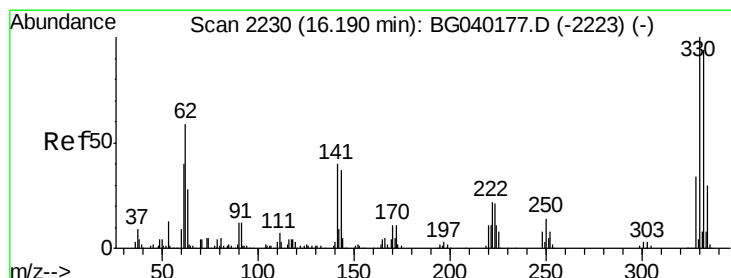
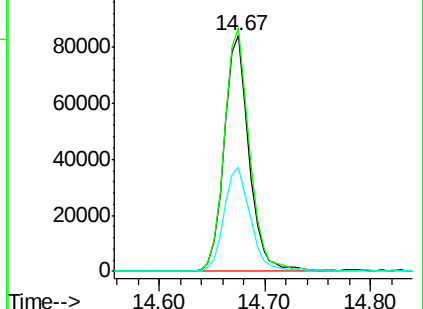
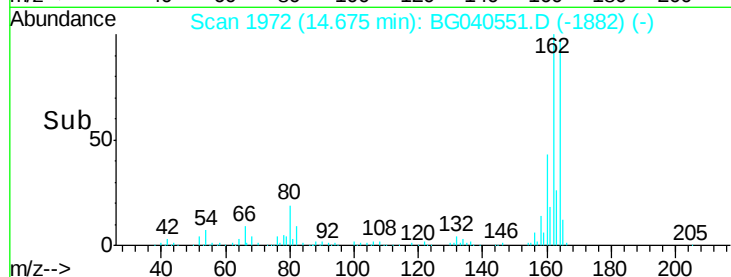
160 44.0 35.3 52.9



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: 55.697 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG040551.D

Acq: 18 Apr 2019 5:14

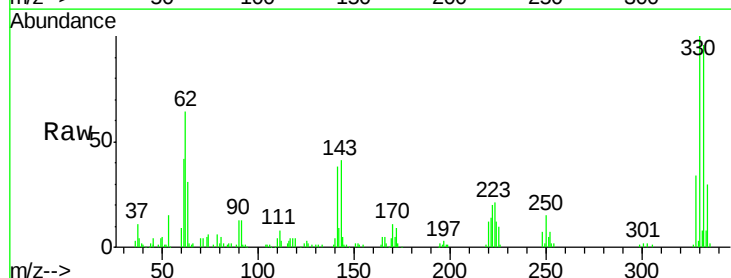
Tgt Ion:330 Resp: 82627

Ion Ratio Lower Upper

330 100

332 98.2 76.6 115.0

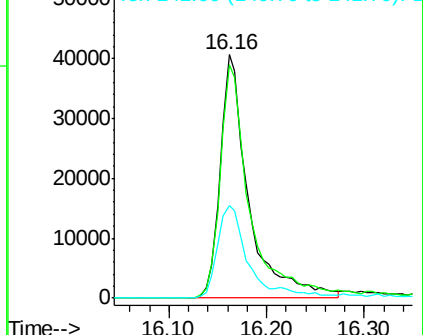
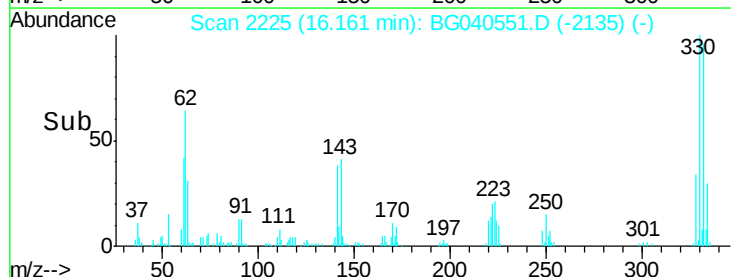
141 41.8 32.6 48.8



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

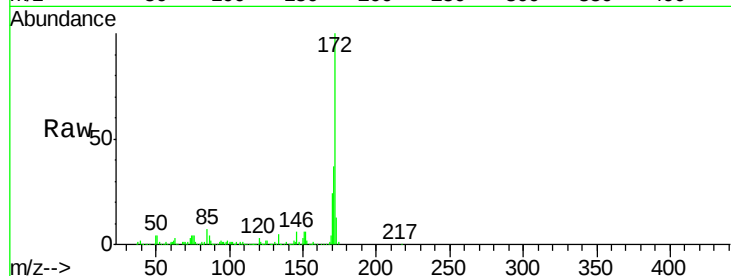




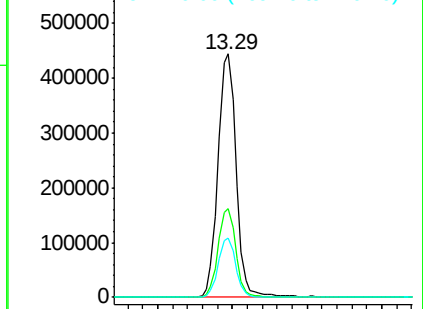
#45
2-Fluorobiphenyl
Concen: 81.434 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040551.D
Acq: 18 Apr 2019 5:14

Instrument :
BNA_G
ClientSampleId :

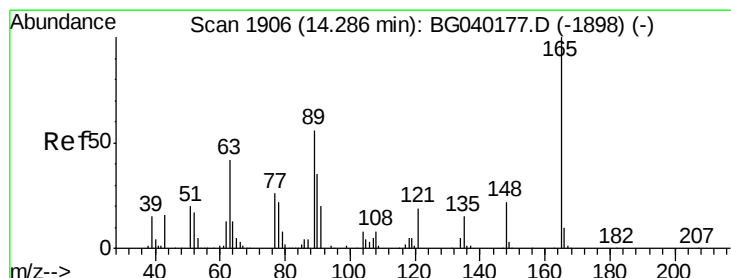
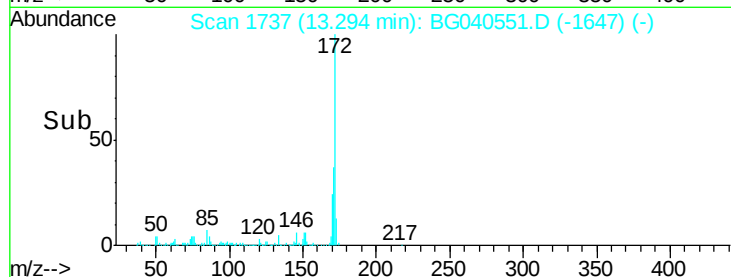
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.2	20.1	30.1



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

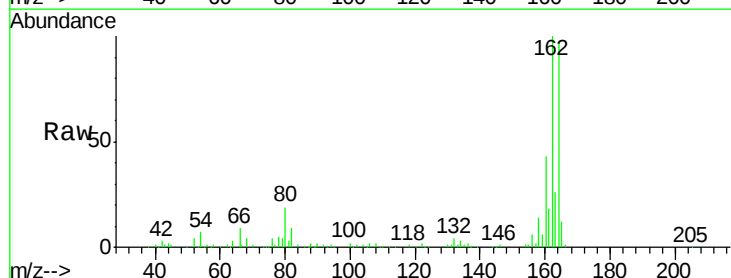


Time-->

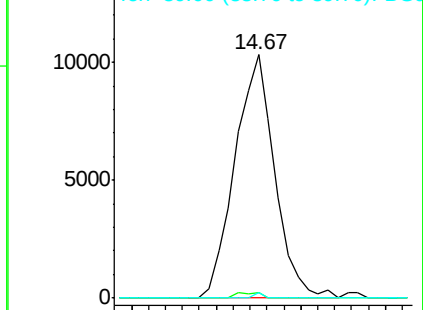


#51
2,6-Dinitrotoluene
Concen: 6.999 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.41 min
Lab File: BG040551.D
Acq: 18 Apr 2019 5:14

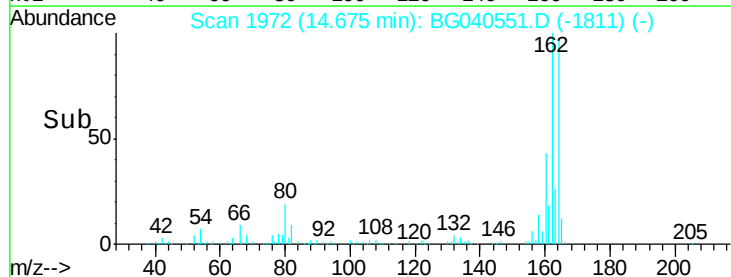
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.1	66.1#
89	2.4	44.9	67.3#

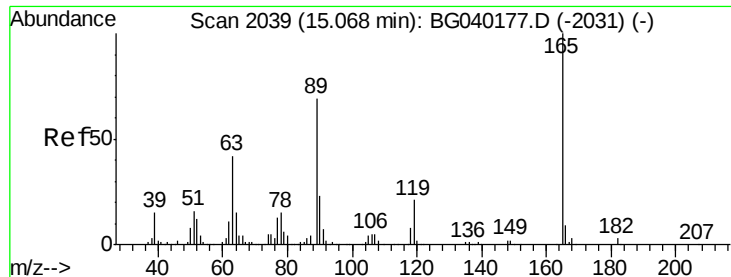


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC



Time-->

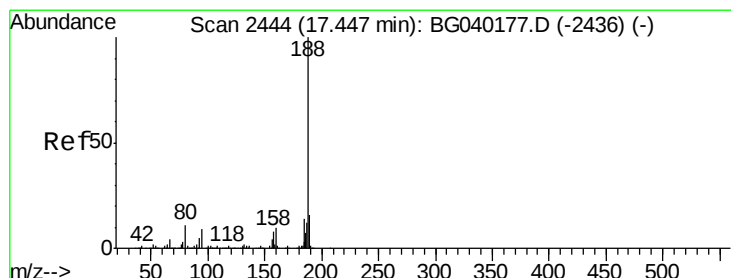
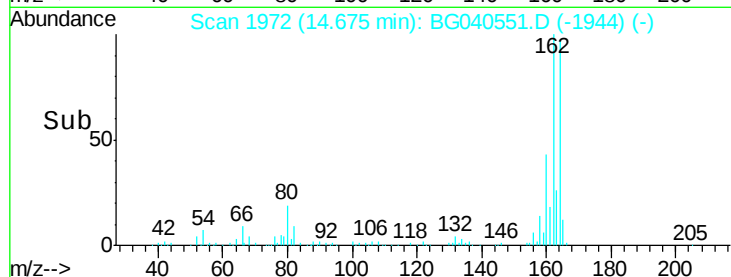
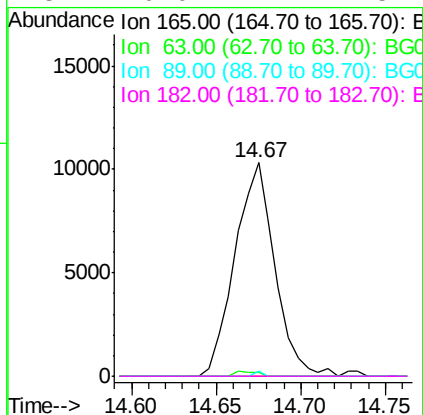
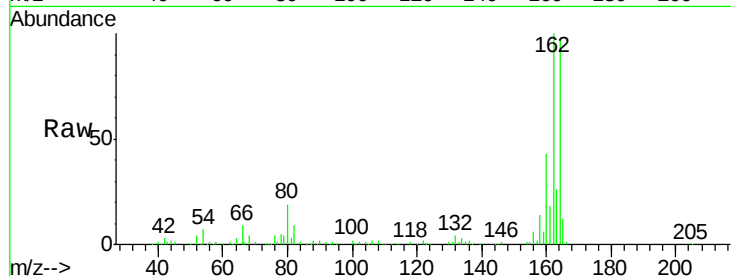




#57
 2,4-Dinitrotoluene
 Concen: 5.037 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.37 min
 Lab File: BG040551.D
 Acq: 18 Apr 2019 5:14

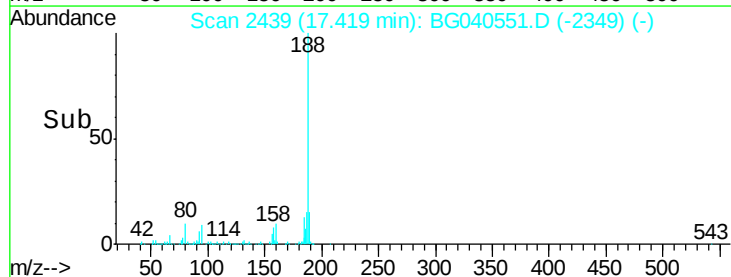
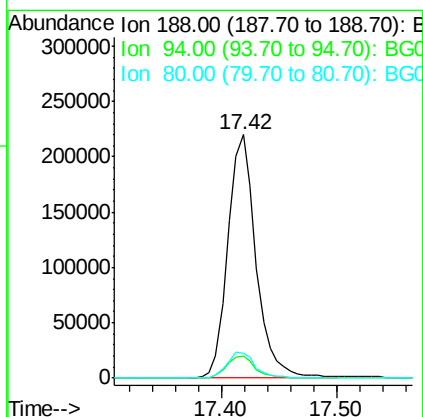
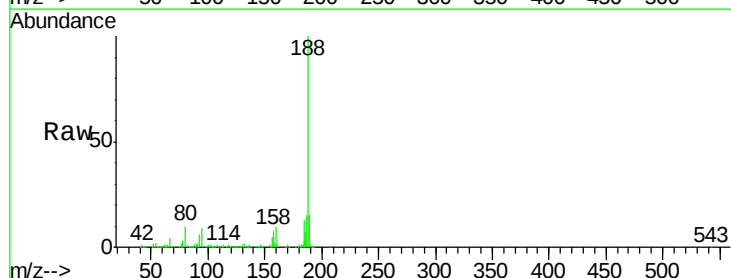
Instrument :
 BNA_G
 ClientSampleId :

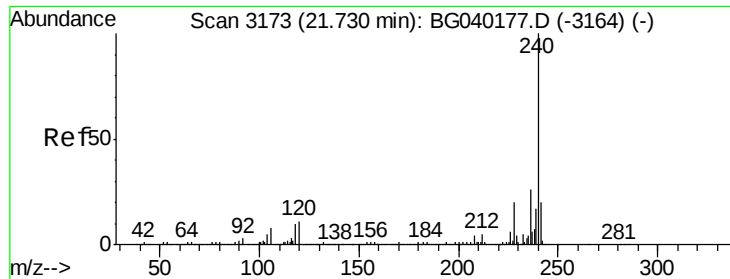
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.8	50.6#
89	2.4	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG040551.D
 Acq: 18 Apr 2019 5:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	10.0	8.6	13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG040551.D

Acq: 18 Apr 2019 5:14

Instrument :

BNA_G

ClientSampled :

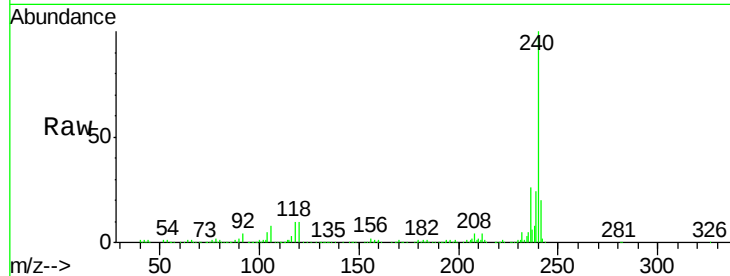
Tot Ion:240 Resp: 383820

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

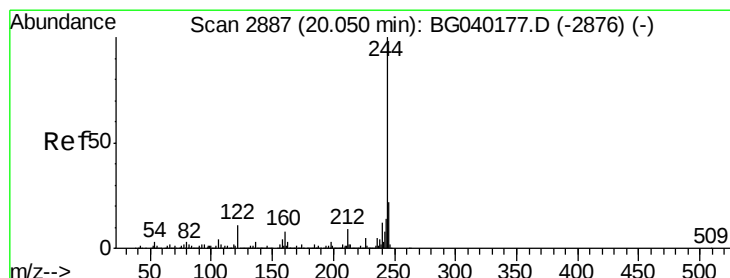
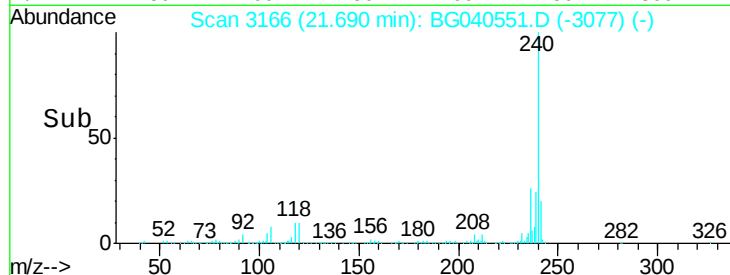
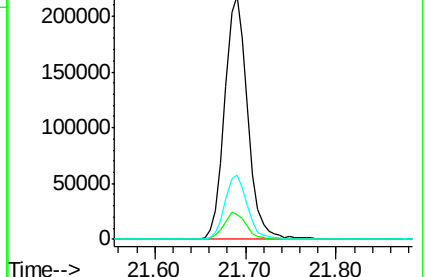
236 26.5 20.8 31.2



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: 80.346 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040551.D

Acq: 18 Apr 2019 5:14

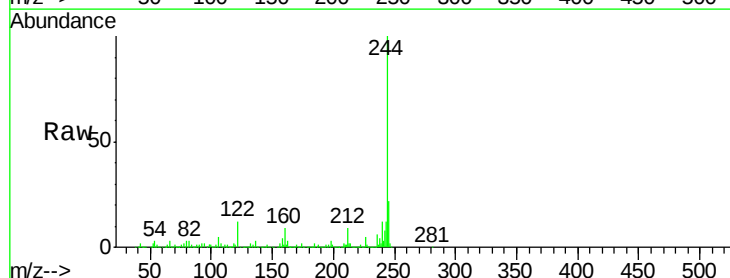
Tgt Ion:244 Resp: 1370808

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

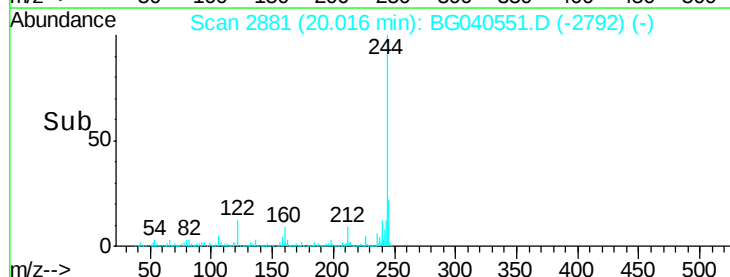
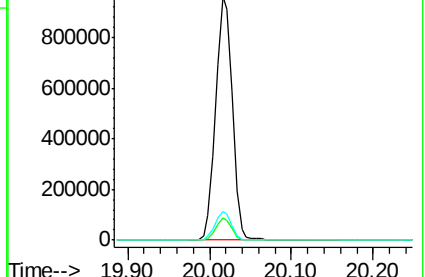
122 12.0 8.5 12.7

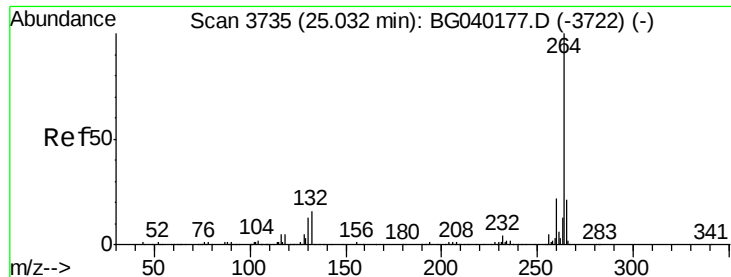


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.00 min
Lab File: BG040551.D
Acq: 18 Apr 2019 5:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.9	26.9
265	21.4	16.8	25.2

