

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
 Data File : BG040045.D
 Acq On : 20 Mar 2019 21:04
 Operator : JU/SJ
 Sample : K1935-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 09:29:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

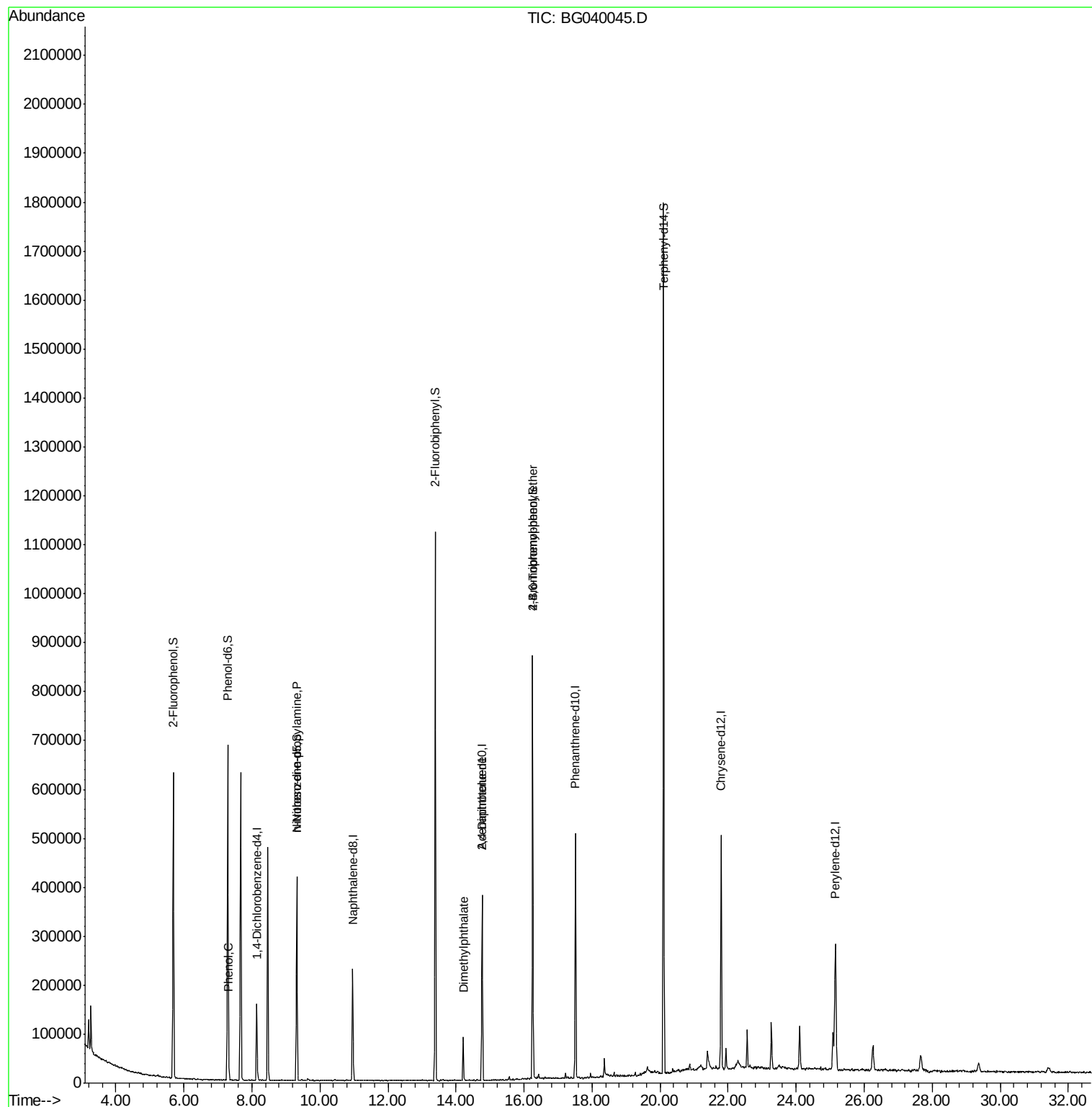
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43580	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	194647	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	132277	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	310215	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	291427	20.00	ng	-0.03
87) Perylene-d12	25.15	264	291469	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	259039	101.40	ng	-0.02
7) Phenol-d6	7.29	99	394975	103.70	ng	-0.02
23) Nitrobenzene-d5	9.32	82	255022	70.86	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	147703	95.80	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	603572	64.97	ng	-0.03
79) Terphenyl-d14	20.10	244	804202	60.76	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	14869	3.603	ng	98
19) n-Nitroso-di-n-propylamine	9.32	70	32514	11.860	ng	# 72
50) Dimethylphthalate	14.21	163	59981	5.423	ng	100
57) 2,4-Dinitrotoluene	14.76	165	16809	5.102	ng	# 20
67) 4-Bromophenyl-phenylether	16.25	248	11325	3.261	ng	# 1

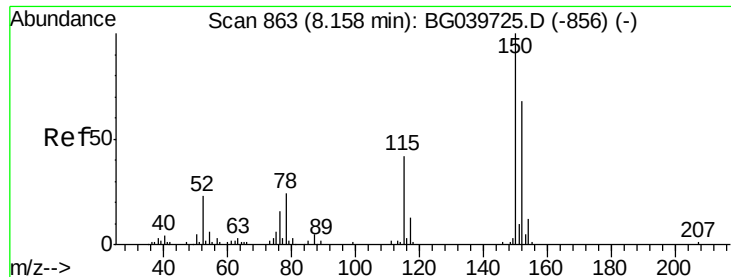
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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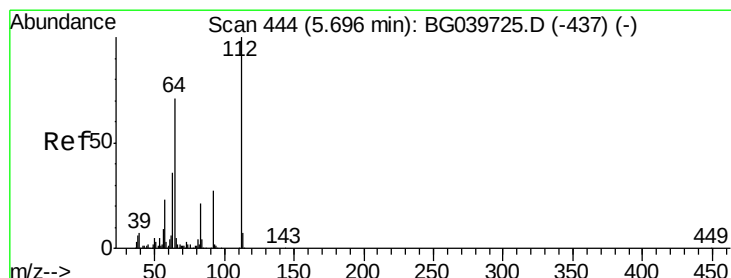
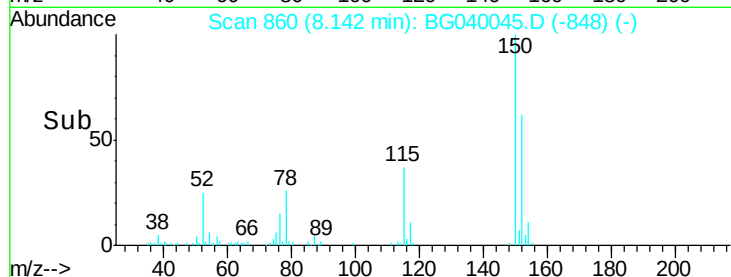
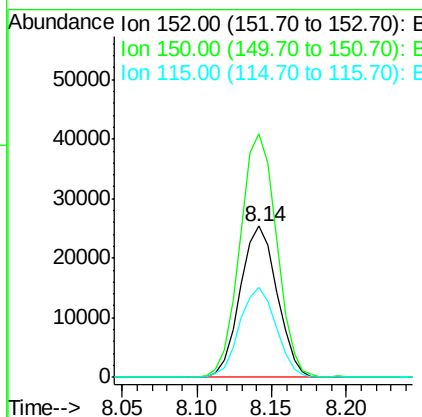
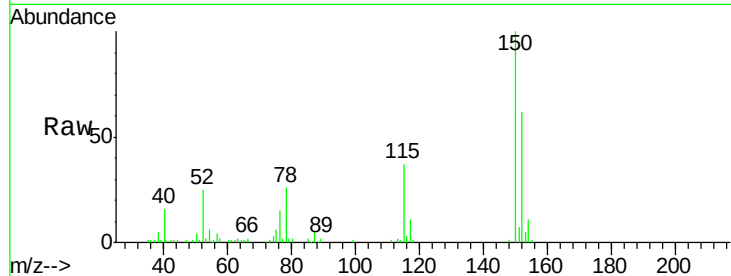


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

Instrument :
BNA_G
ClientSampleId :

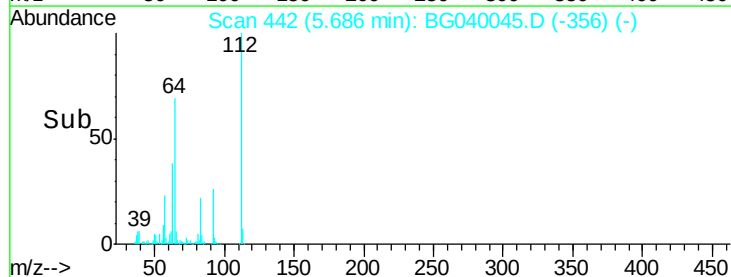
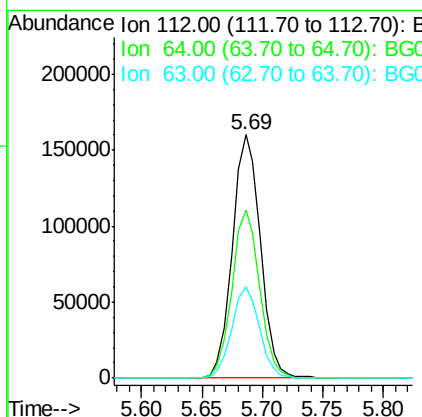
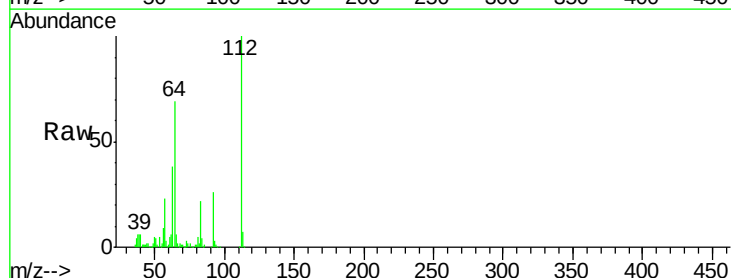
Tot Ion:152 Resp: 43580
Ion Ratio Lower Upper
152 100
150 161.2 123.7 185.5
115 59.7 45.9 68.9

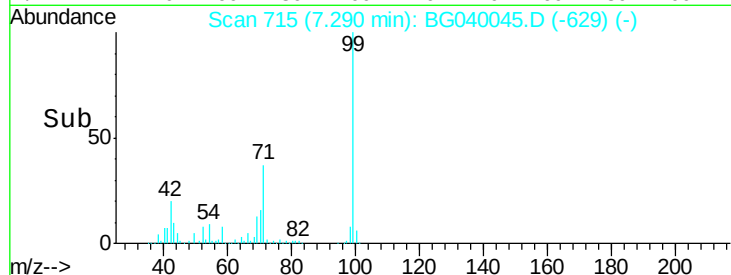
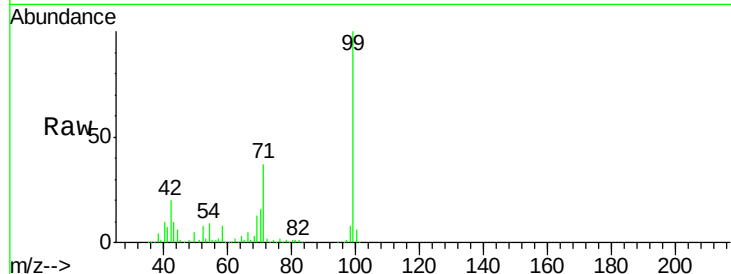
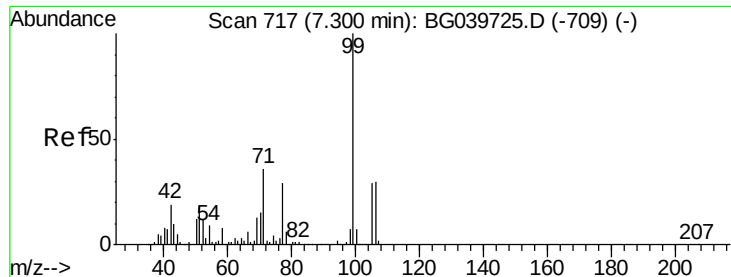


#5

2-Fluorophenol
Concen: 101.405 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

Tgt Ion:112 Resp: 259039
Ion Ratio Lower Upper
112 100
64 69.3 57.8 86.8
63 37.6 29.8 44.6





#7

Phenol-d6

Concen: 103.698 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040045.D

Acq: 20 Mar 2019 21:04

Instrument :

BNA_G

ClientSampleId :

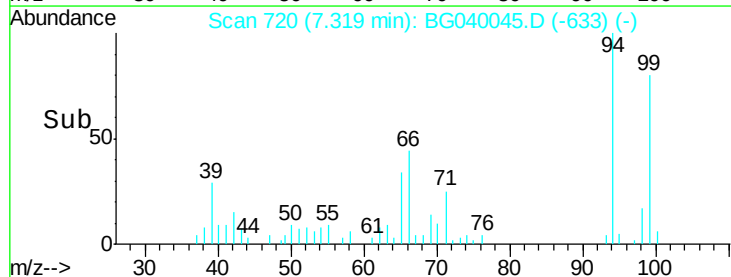
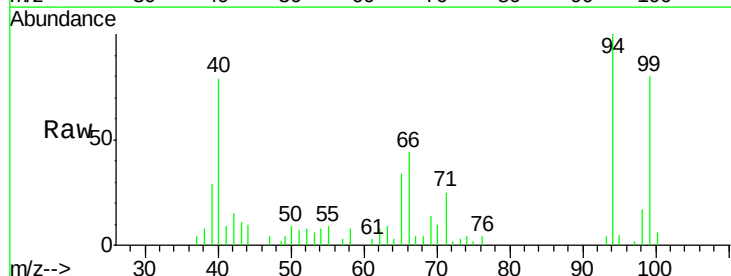
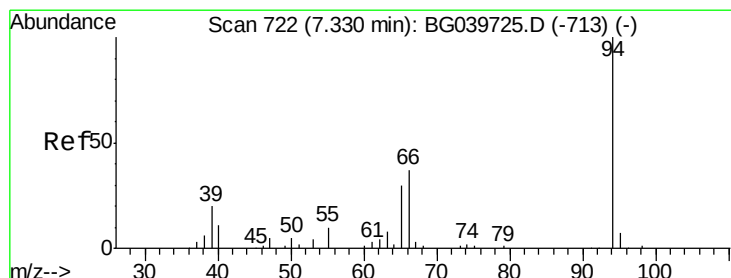
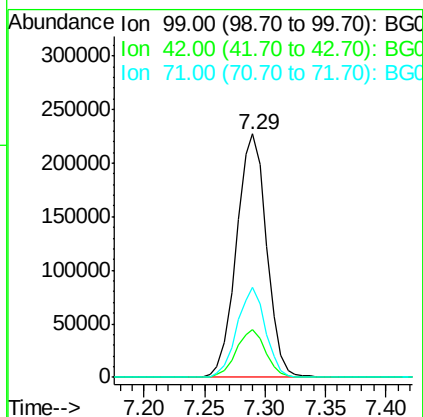
Tot Ion: 99 Resp: 394975

Ion Ratio Lower Upper

99 100

42 19.8 18.2 27.2

71 36.8 28.0 42.0



#10

Phenol

Concen: 3.603 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040045.D

Acq: 20 Mar 2019 21:04

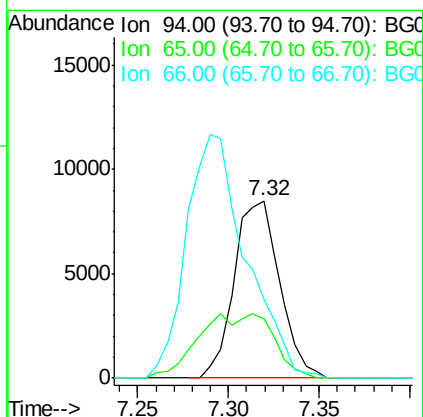
Tgt Ion: 94 Resp: 14869

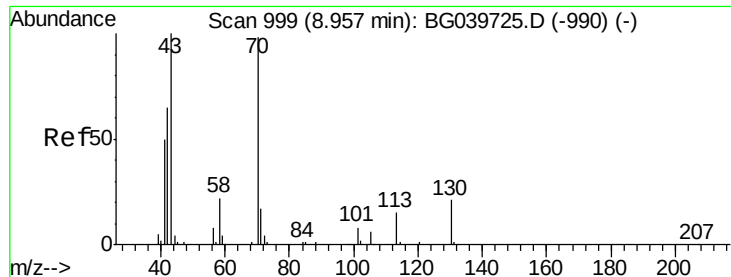
Ion Ratio Lower Upper

94 100

65 33.8 11.7 51.7

66 44.3 23.7 63.7

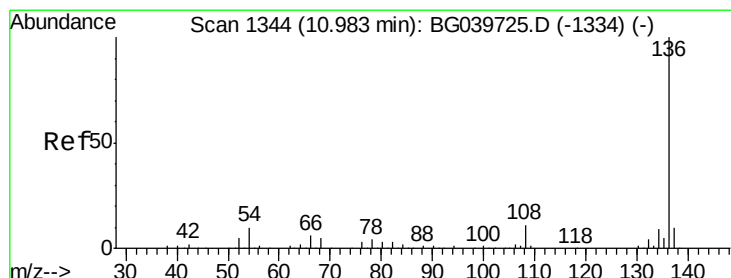
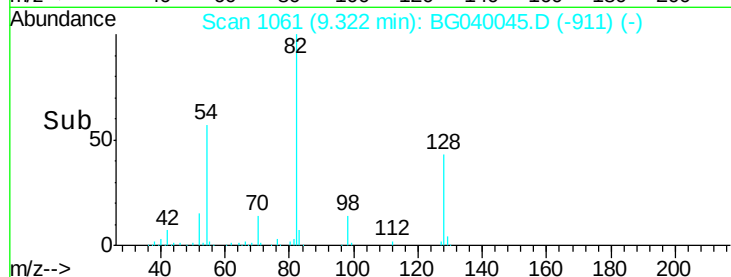
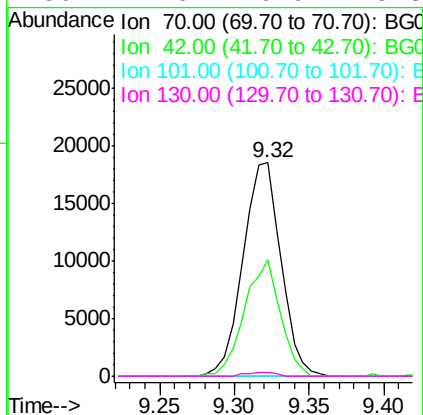
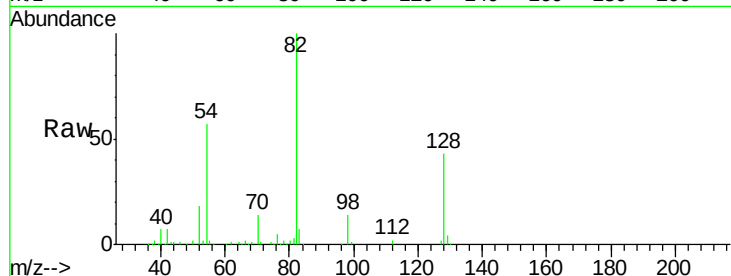




#19
n-Nitroso-di-n-propylamine
Concen: 11.860 ng
RT: 9.32 min Scan# 1061
Delta R.T. 0.35 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

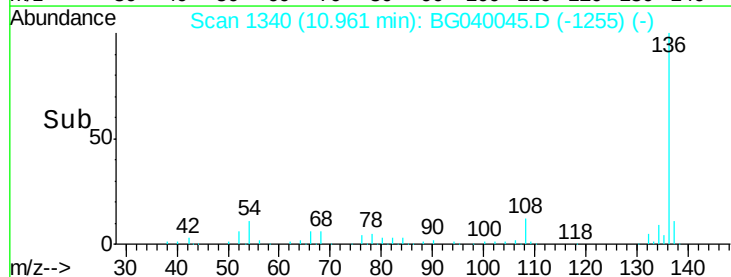
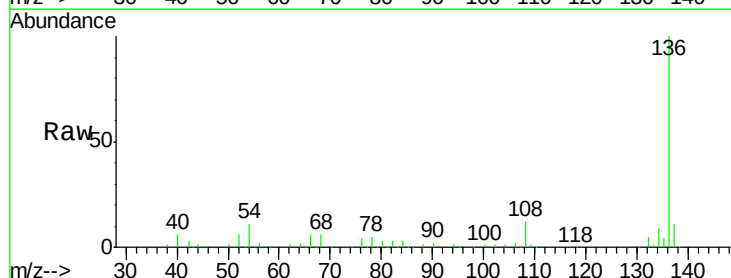
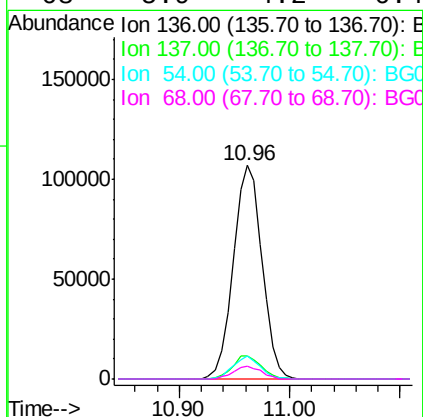
Instrument :
BNA_G
ClientSampled :

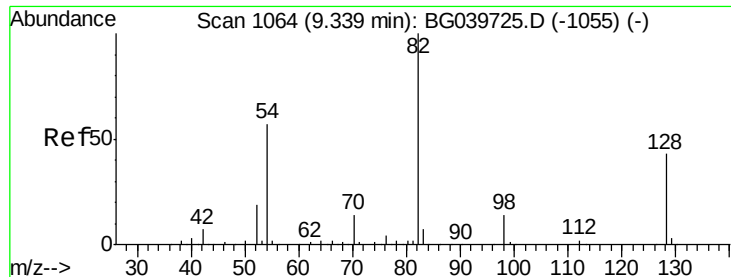
Tot Ion: 70 Resp: 32514
Ion Ratio Lower Upper
70 100
42 54.5 60.4 90.6#
101 0.0 7.5 11.3#
130 1.6 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

Tgt Ion: 136 Resp: 194647
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 10.6 9.4 14.2
68 5.9 4.2 6.4

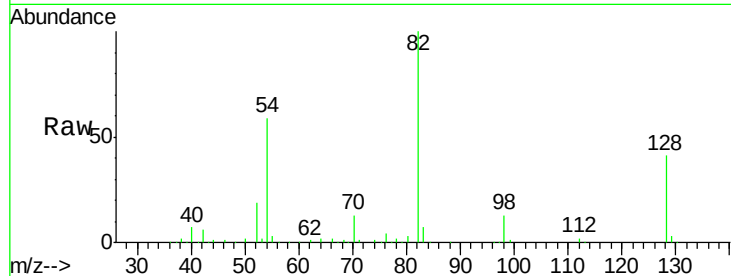




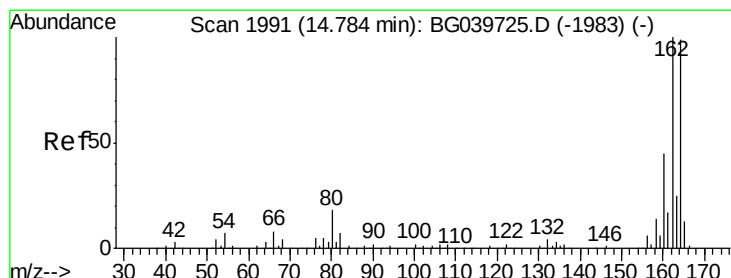
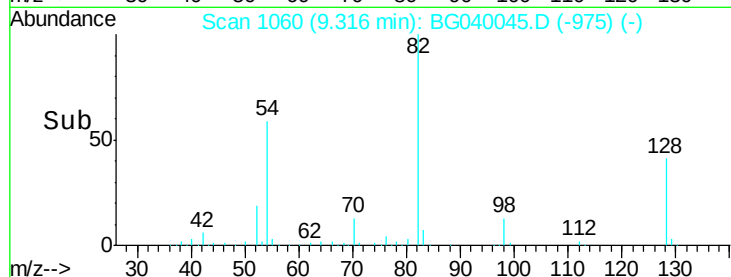
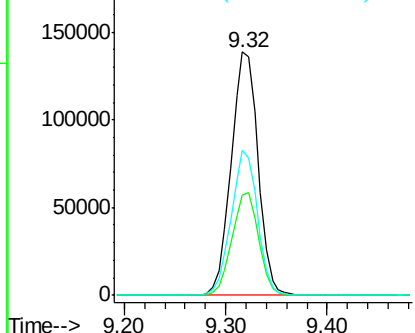
#23
 Nitrobenzene-d5
 Concen: 70.860 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040045.D
 Acq: 20 Mar 2019 21:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 255022
 Ion Ratio Lower Upper
 82 100
 128 41.1 31.3 46.9
 54 59.4 50.9 76.3

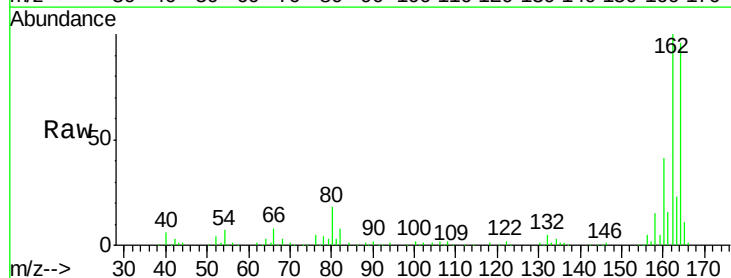


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

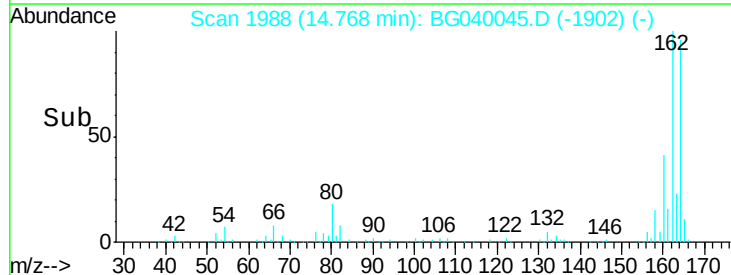
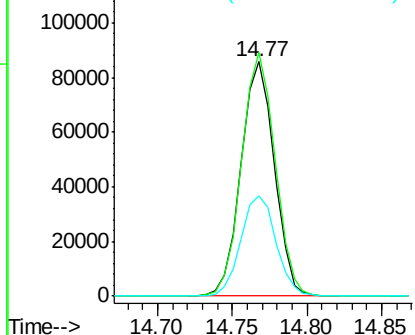


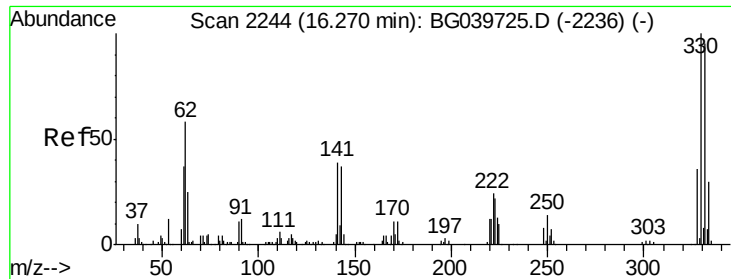
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040045.D
 Acq: 20 Mar 2019 21:04

Tgt Ion: 164 Resp: 132277
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.6 122.4
 160 43.0 34.2 51.2



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

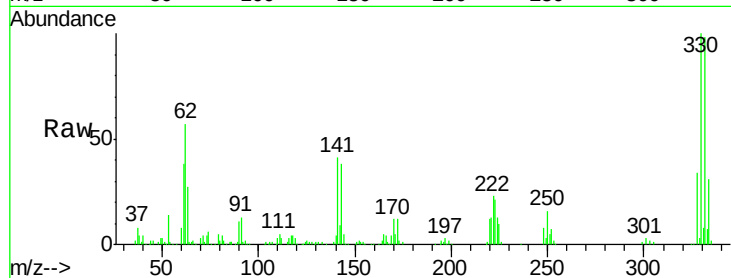




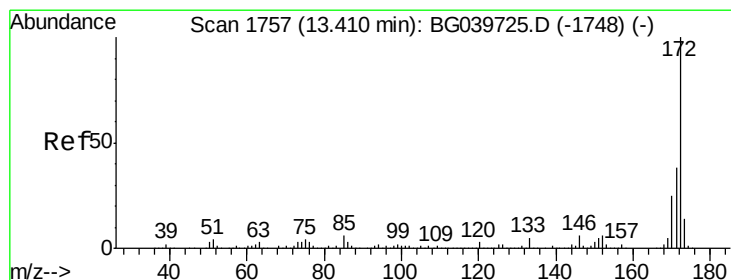
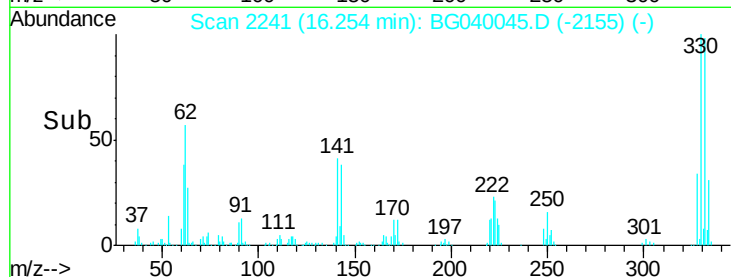
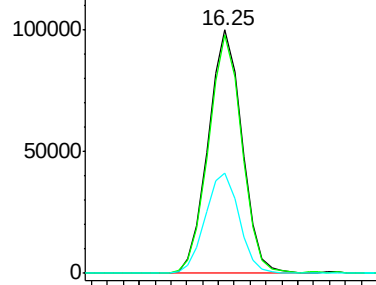
#42
 2,4,6-Tribromophenol
 Concen: 95.800 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040045.D
 Acq: 20 Mar 2019 21:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	41.7	35.6	53.4

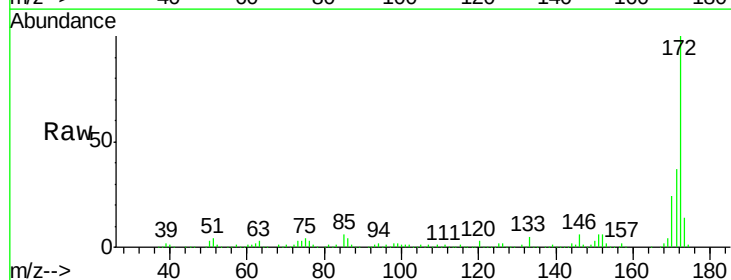


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

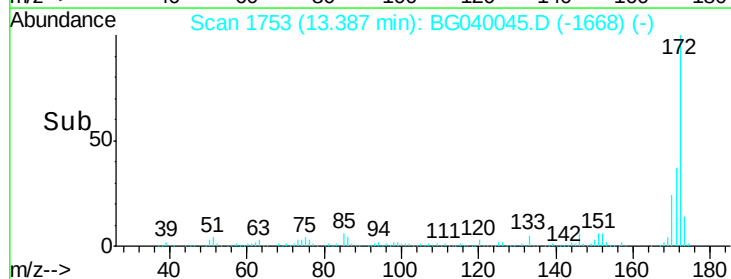
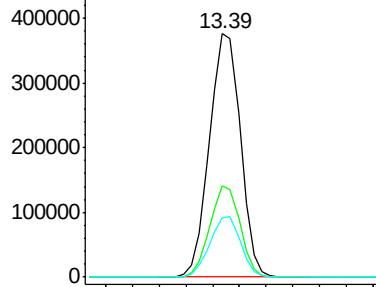


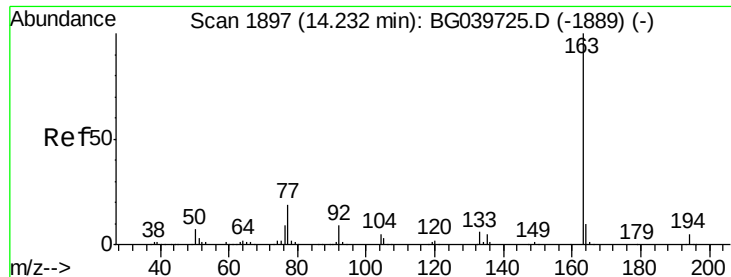
#45
 2-Fluorobiphenyl
 Concen: 64.968 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040045.D
 Acq: 20 Mar 2019 21:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.3	20.2	30.4



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

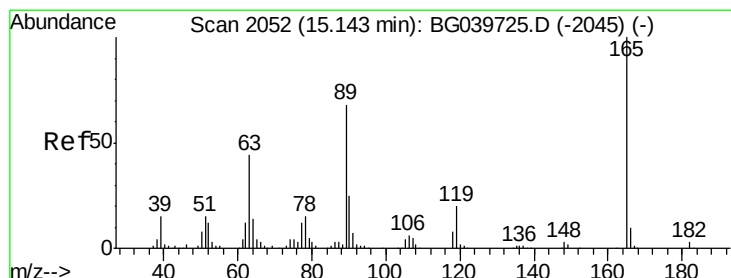
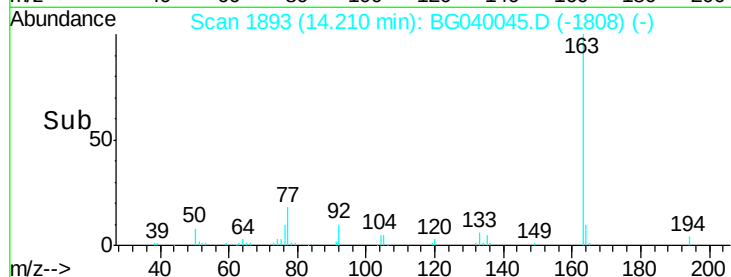
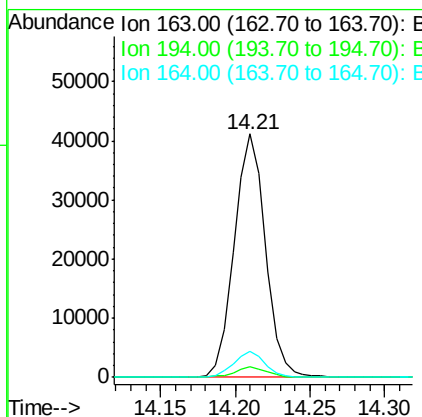
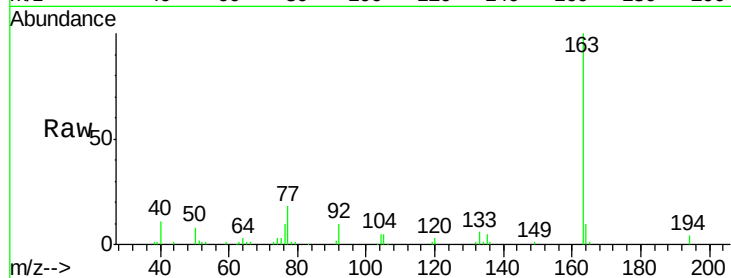




#50
Dimethylphthalate
Concen: 5.423 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

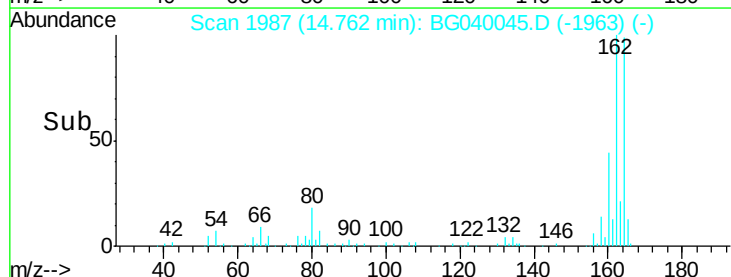
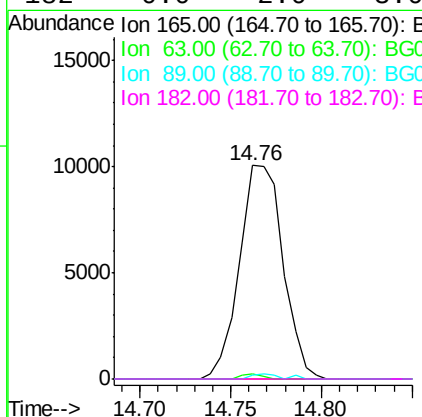
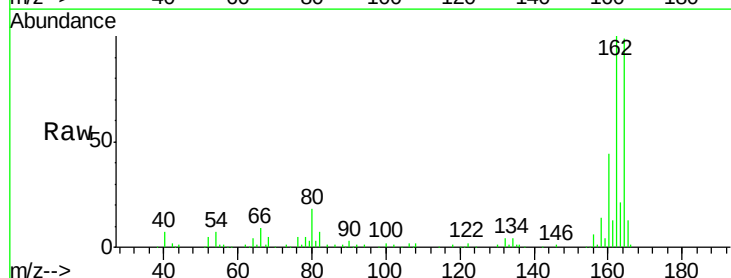
Instrument :
BNA_G
ClientSampleId :

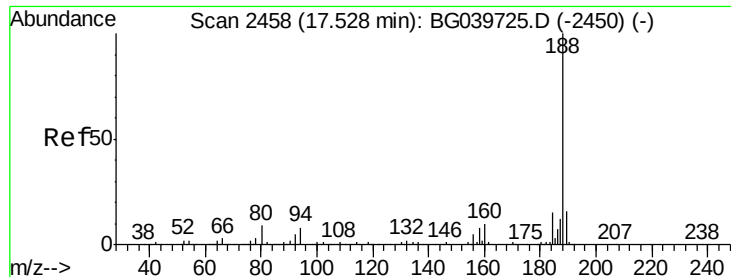
Tot Ion:163 Resp: 59981
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.4 8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 5.102 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.39 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

Tgt Ion:165 Resp: 16809
Ion Ratio Lower Upper
165 100
63 2.1 41.0 61.6#
89 1.8 64.6 96.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040045.D

Acq: 20 Mar 2019 21:04

Instrument :

BNA_G

ClientSampled :

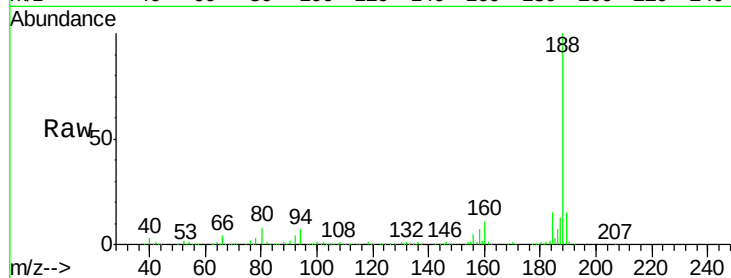
Tot Ion:188 Resp: 310215

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

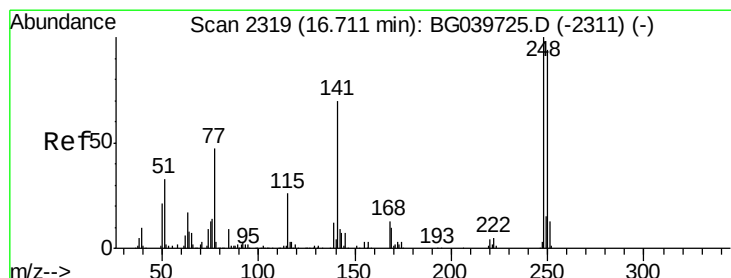
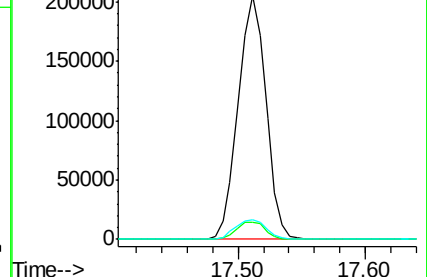
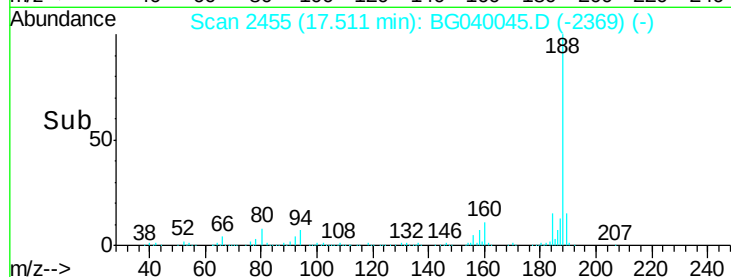
80 8.3 8.1 12.1



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: 3.261 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.46 min

Lab File: BG040045.D

Acq: 20 Mar 2019 21:04

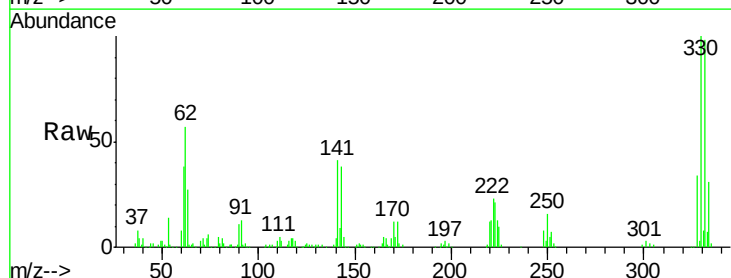
Tgt Ion:248 Resp: 11325

Ion Ratio Lower Upper

248 100

250 194.5 77.6 116.4#

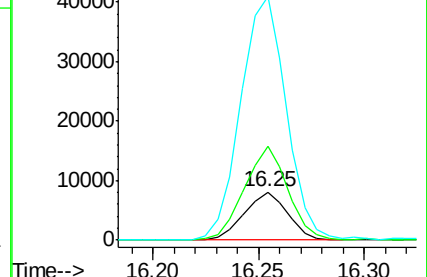
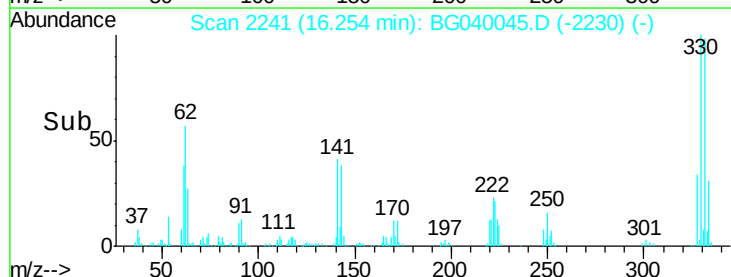
141 506.0 63.9 95.9#

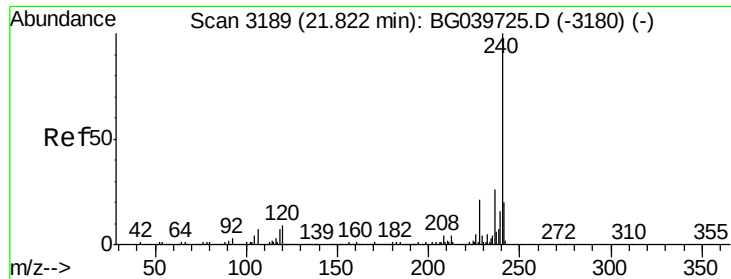


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

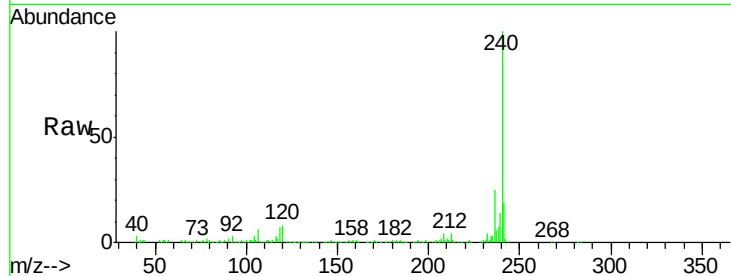




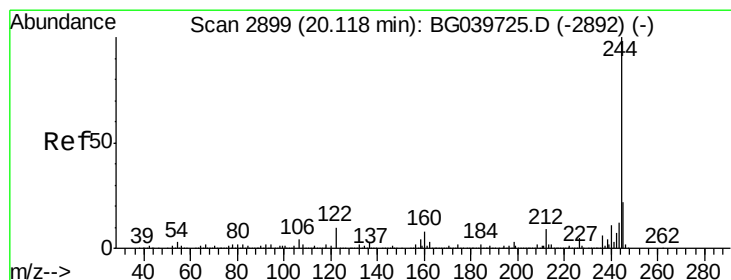
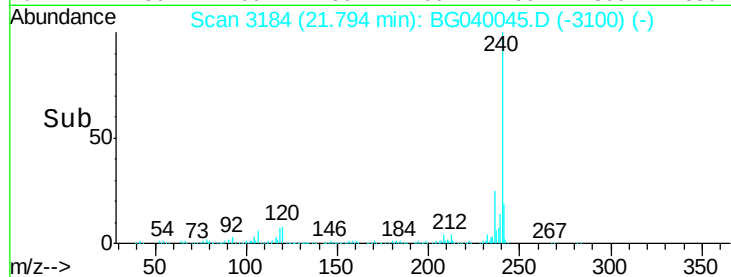
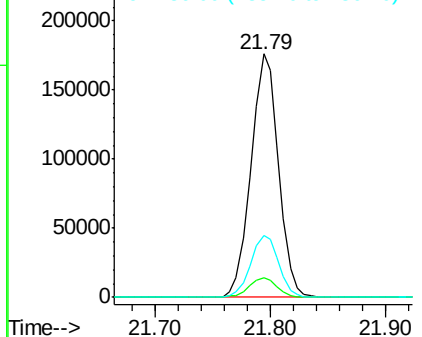
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 291427
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.2 21.0 31.4

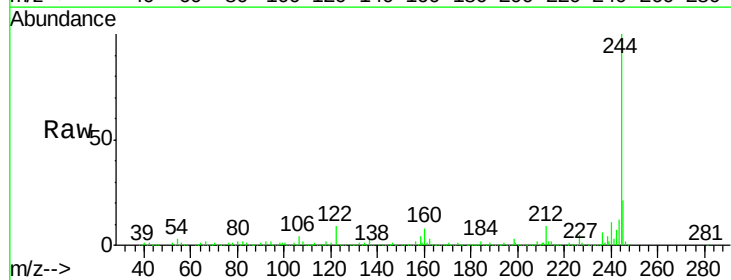


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

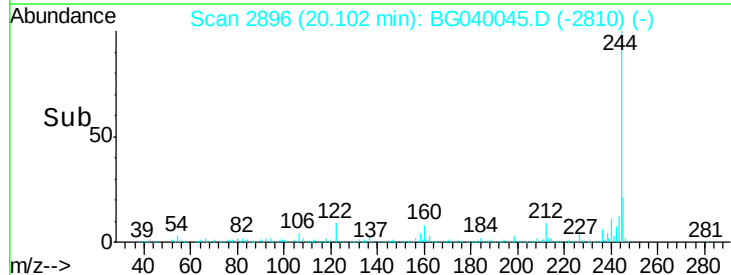
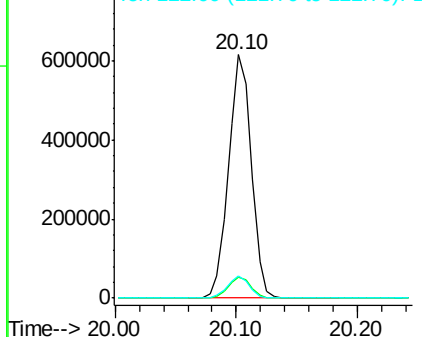


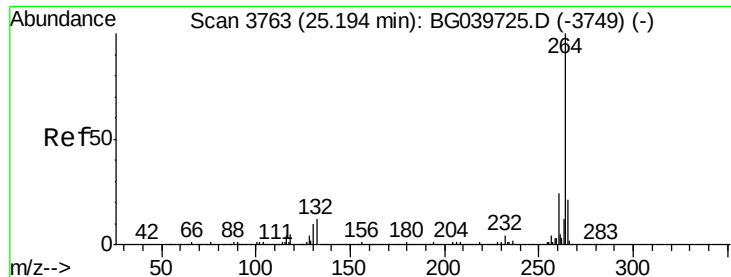
#79
Terphenyl-d14
Concen: 60.760 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: BG040045.D
Acq: 20 Mar 2019 21:04

Tgt Ion:244 Resp: 804202
Ion Ratio Lower Upper
244 100
212 8.7 7.3 10.9
122 9.1 8.4 12.6



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: 25.15 min Scan# 3756
 Delta R.T. -0.05 min
 Lab File: BG040045.D
 Acq: 20 Mar 2019 21:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.2	27.4
265	21.5	18.5	27.7

