

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040112.D
 Acq On : 23 Mar 2019 11:32
 Operator : JU/SJ
 Sample : K2034-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 22:17:28 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	39122	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	167423	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	120635	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	286561	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	283780	20.00	ng	-0.03
87) Perylene-d12	25.16	264	281520	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	80064	34.91	ng	-0.02
7) Phenol-d6	7.28	99	71923	21.03	ng	-0.03
23) Nitrobenzene-d5	9.32	82	267780	86.50	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	118952	84.60	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	704326	83.13	ng	-0.02
79) Terphenyl-d14	20.11	244	955814	74.16	ng	-0.02

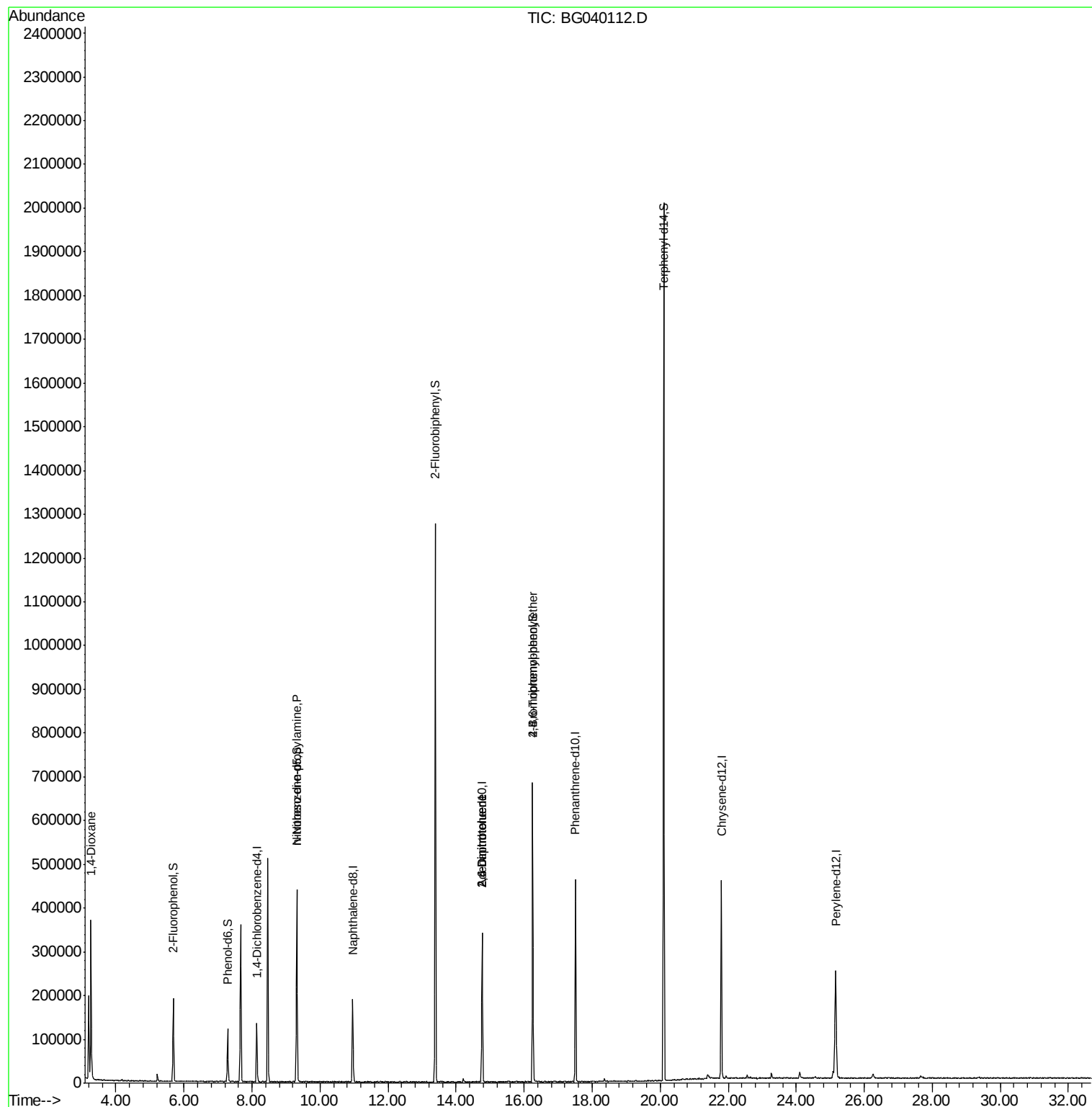
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	3124	2.951	ng	# 1
19) n-Nitroso-di-n-propylamine	9.32	70	33659	13.676	ng	# 69
51) 2,6-Dinitrotoluene	14.77	165	15240	7.127	ng	# 23
57) 2,4-Dinitrotoluene	14.77	165	15240	5.072	ng	# 18
67) 4-Bromophenyl-phenylether	16.25	248	8887	2.771	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040112.D
Acq On : 23 Mar 2019 11:32
Operator : JU/SJ
Sample : K2034-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 23 22:17:28 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040112.D

Acq: 23 Mar 2019 11:32

Instrument :

BNA_G

ClientSampleId :

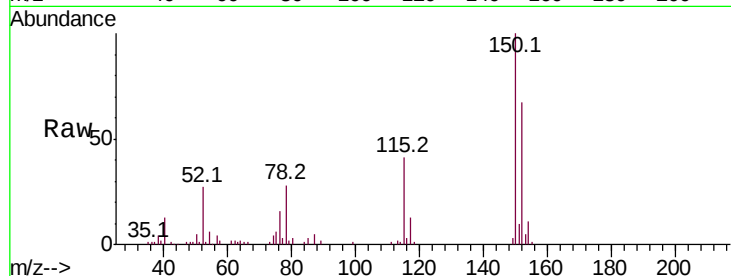
Tot Ion:152 Resp: 39122

Ion Ratio Lower Upper

152 100

150 150.2 123.7 185.5

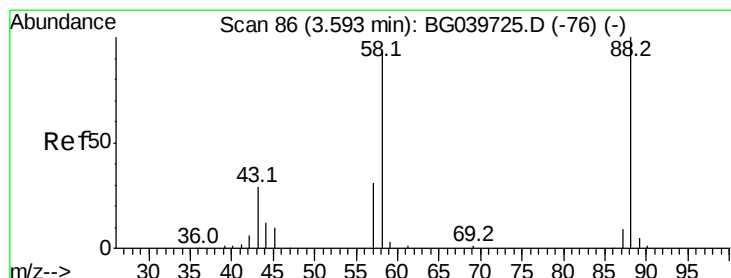
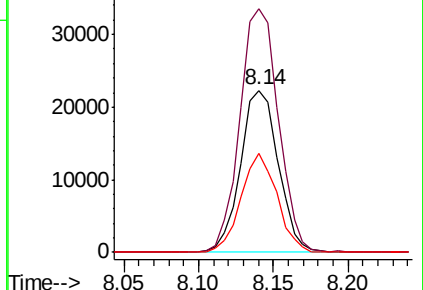
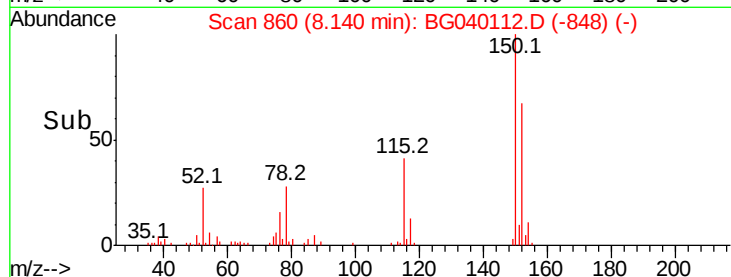
115 61.4 45.9 68.9



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



#2

1,4-Dioxane

Concen: 2.951 ng

RT: 3.26 min Scan# 30

Delta R.T. -0.34 min

Lab File: BG040112.D

Acq: 23 Mar 2019 11:32

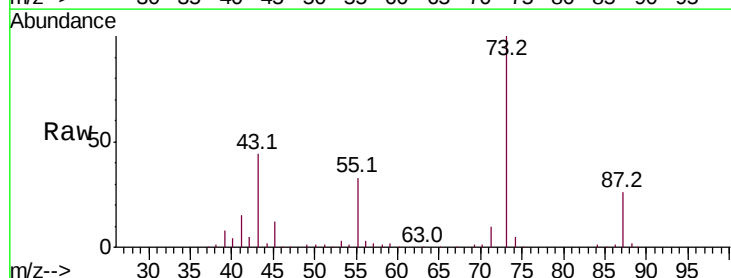
Tgt Ion: 88 Resp: 3124

Ion Ratio Lower Upper

88 100

58 28.5 81.1 121.7#

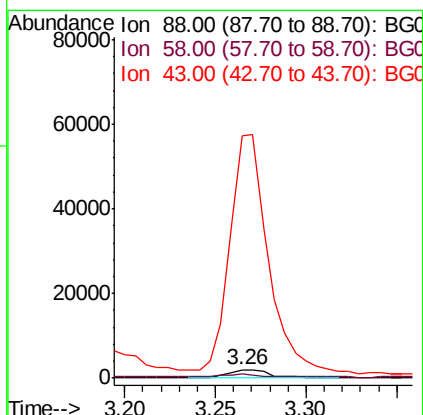
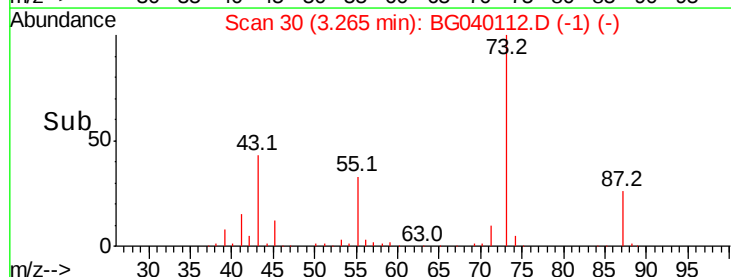
43 2686.0 31.4 47.0#

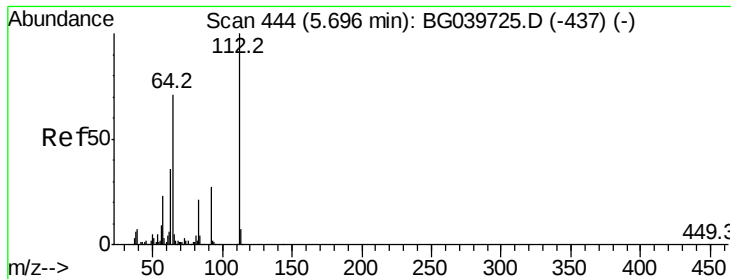


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 34.914 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040112.D

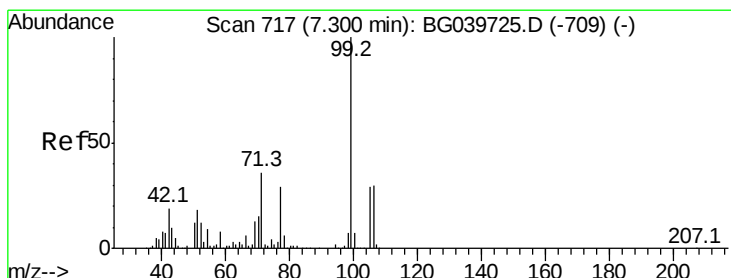
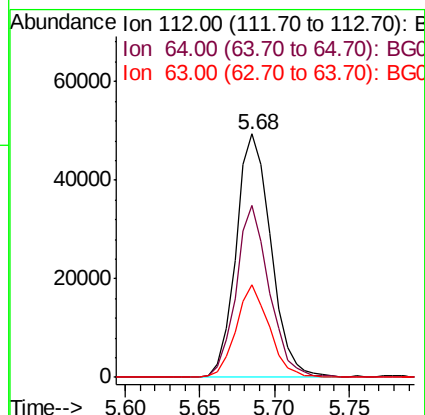
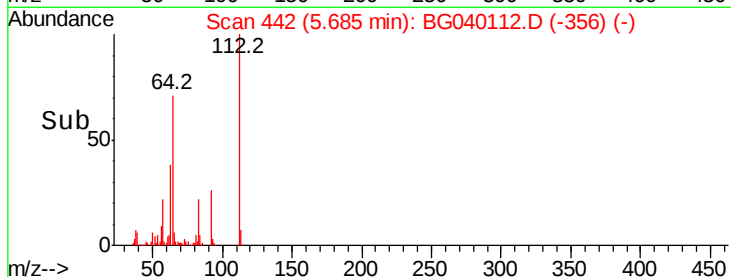
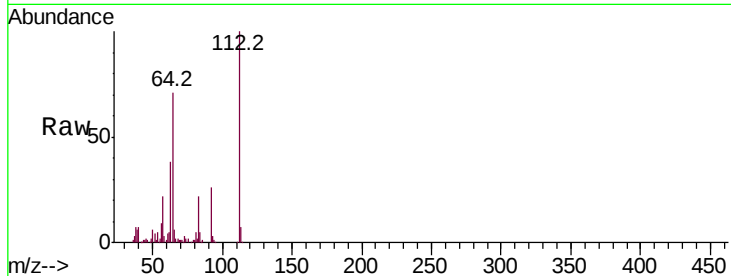
Acq: 23 Mar 2019 11:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:112	Resp:	80064
Ion Ratio	Lower	Upper
112 100		
64 70.7	57.8	86.8
63 38.0	29.8	44.6



#7

Phenol-d6

Concen: 21.035 ng

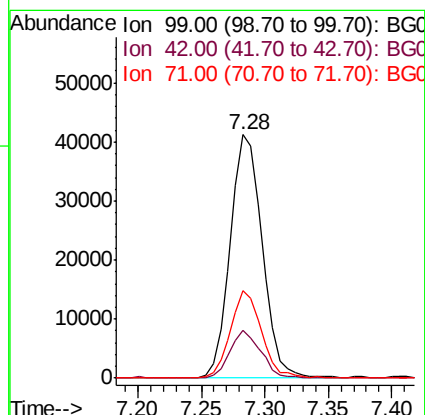
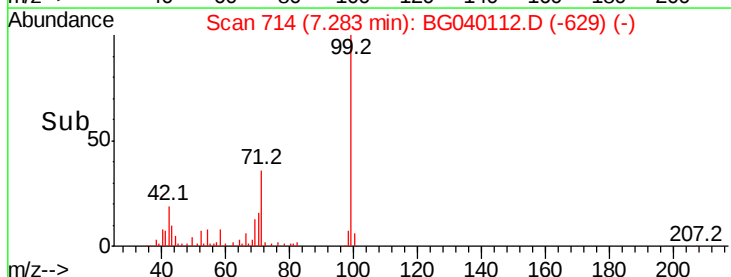
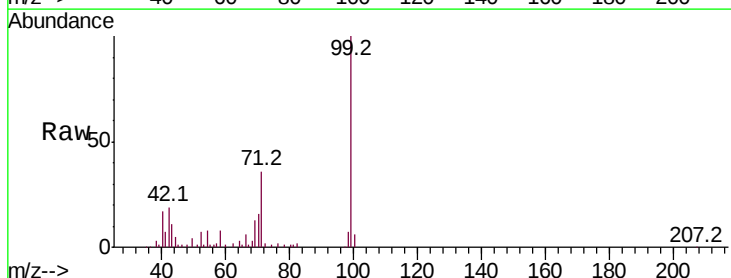
RT: 7.28 min Scan# 714

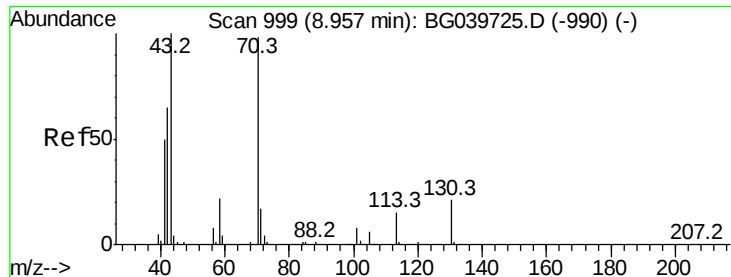
Delta R.T. -0.03 min

Lab File: BG040112.D

Acq: 23 Mar 2019 11:32

Tgt Ion: 99	Resp:	71923
Ion Ratio	Lower	Upper
99 100		
42 19.4	18.2	27.2
71 36.2	28.0	42.0

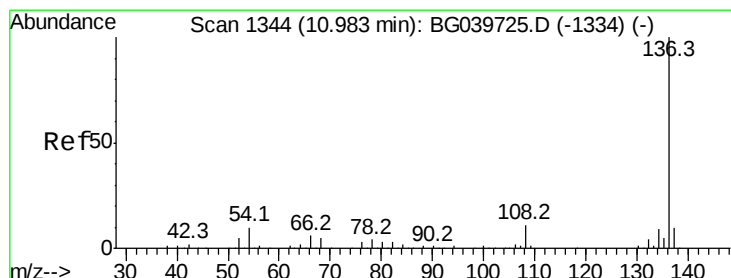
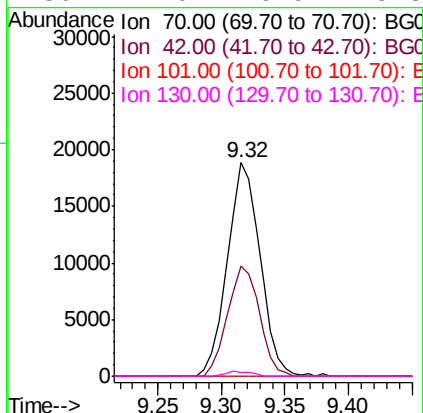
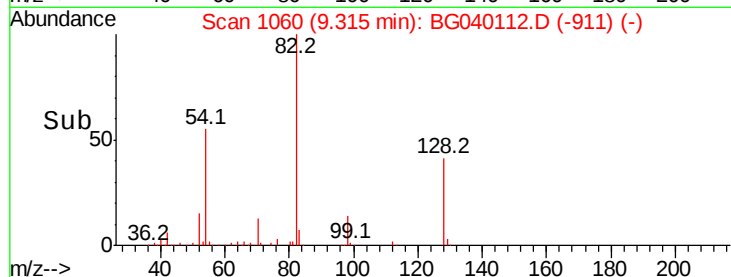
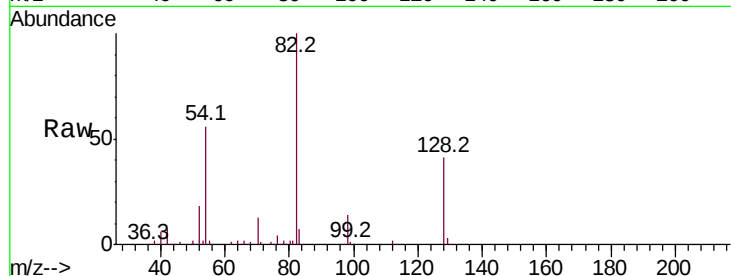




#19
n-Nitroso-di-n-propylamine
Concen: 13.676 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040112.D
Acq: 23 Mar 2019 11:32

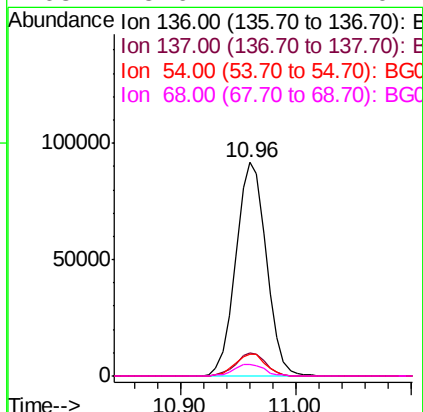
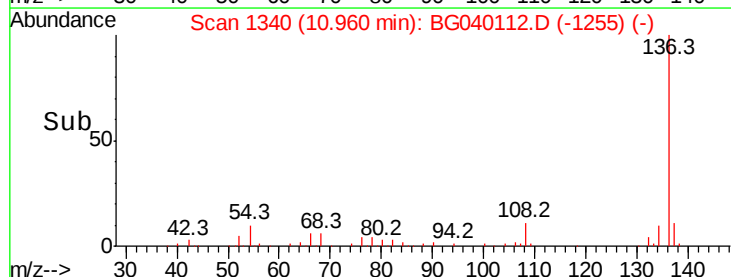
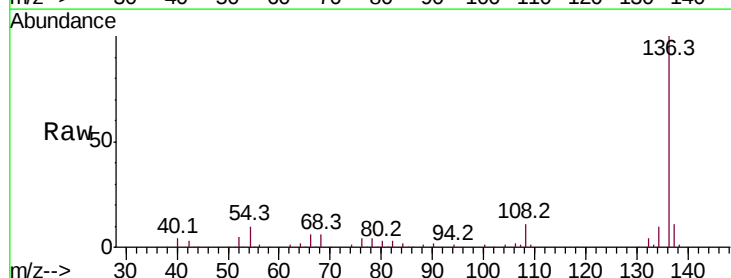
Instrument :
BNA_G
ClientSampleId :

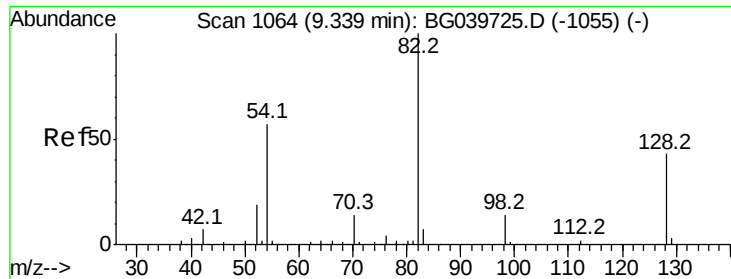
Tot Ion: 70 Resp: 33659
Ion Ratio Lower Upper
70 100
42 51.3 60.4 90.6#
101 0.0 7.5 11.3#
130 2.0 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040112.D
Acq: 23 Mar 2019 11:32

Tgt Ion: 136 Resp: 167423
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.0 9.4 14.2
68 5.6 4.2 6.4

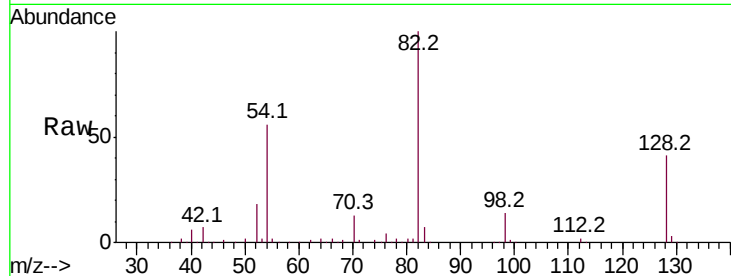




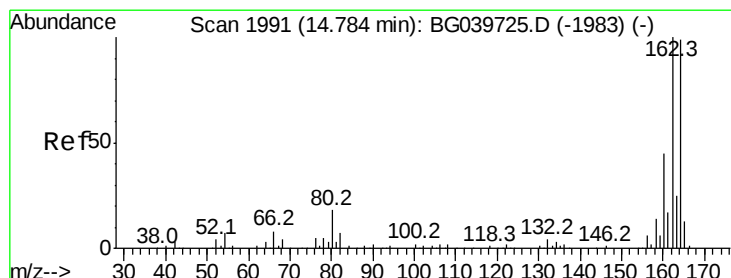
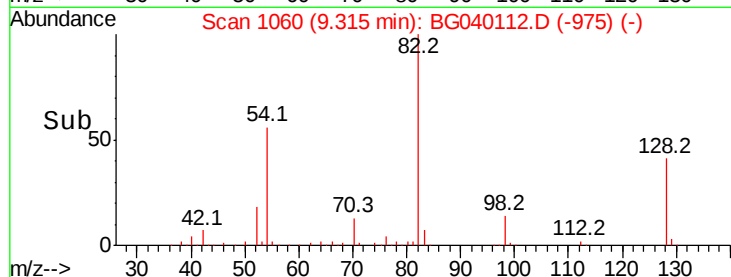
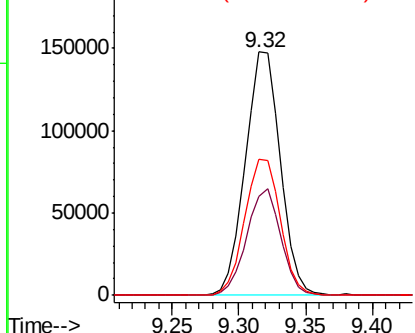
#23
Nitrobenzene-d5
Concen: 86.503 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040112.D
Acq: 23 Mar 2019 11:32

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	267780
Ion Ratio	Lower	Upper	
82	100		
128	40.8	31.3	46.9
54	55.7	50.9	76.3

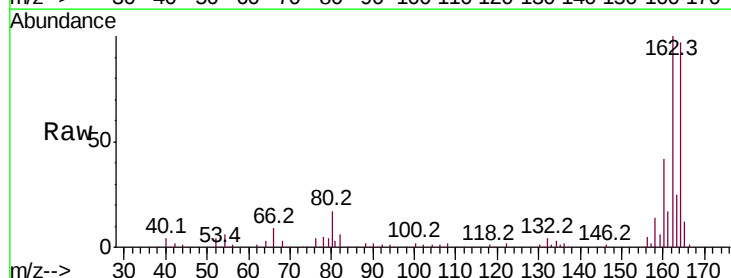


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

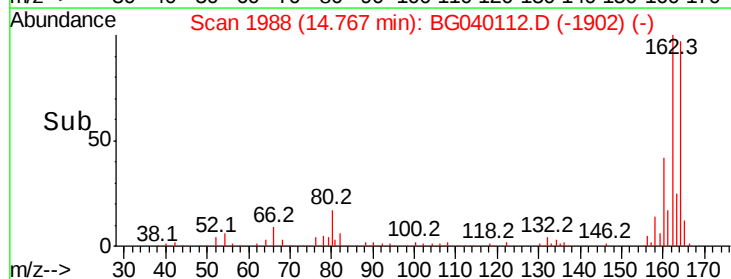
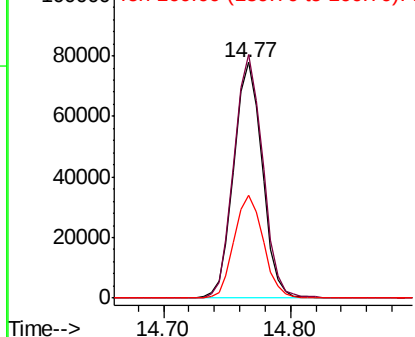


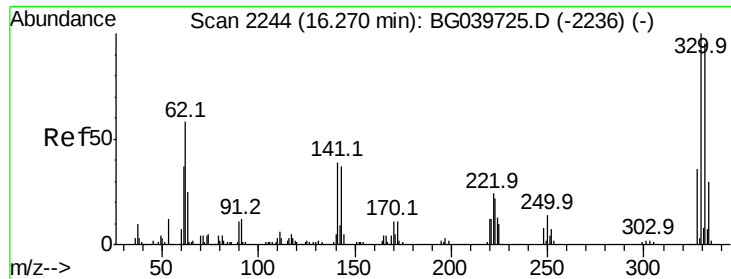
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040112.D
Acq: 23 Mar 2019 11:32

Tgt Ion	164	Resp	120635
Ion Ratio	Lower	Upper	
164	100		
162	103.4	81.6	122.4
160	43.8	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

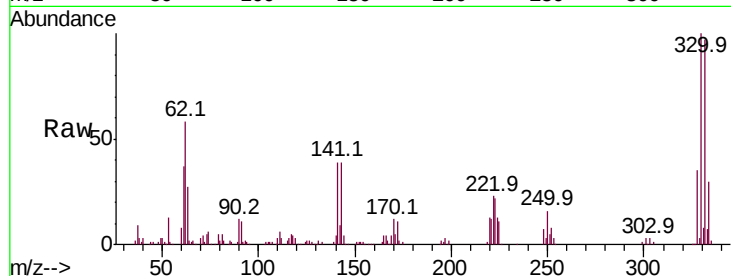




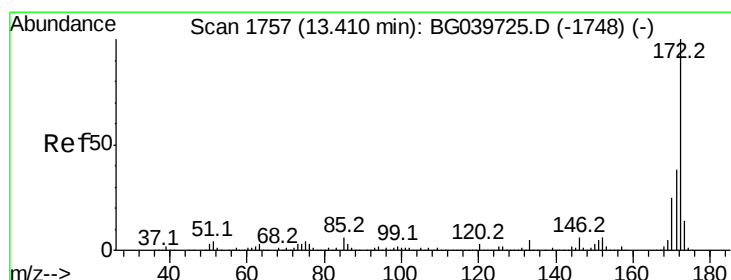
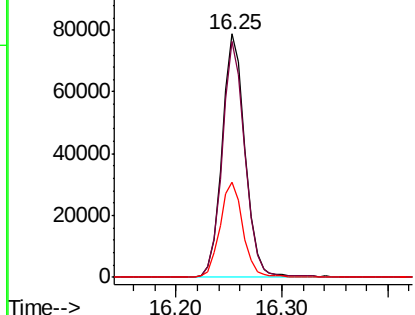
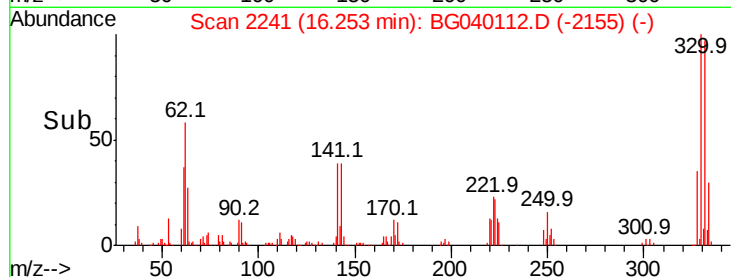
#42
 2,4,6-Tribromophenol
 Concen: 84.598 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040112.D
 Acq: 23 Mar 2019 11:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 118952
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.7 113.5
 141 39.3 35.6 53.4

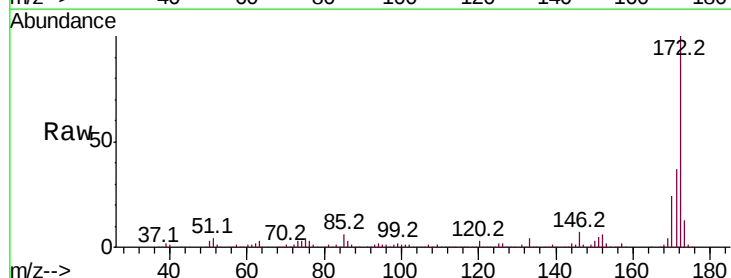


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

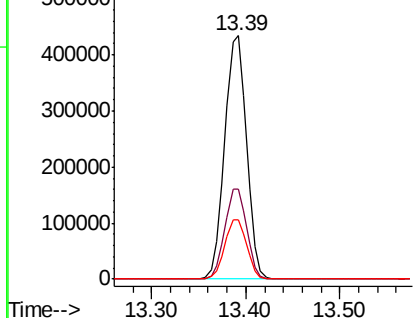
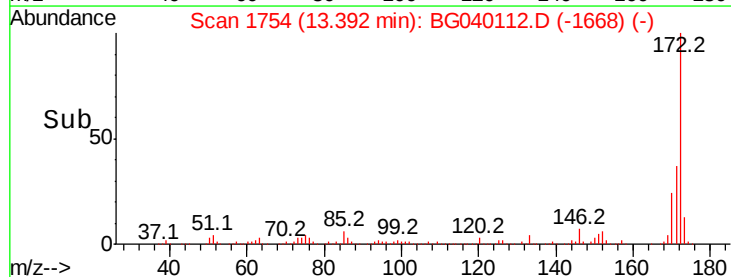


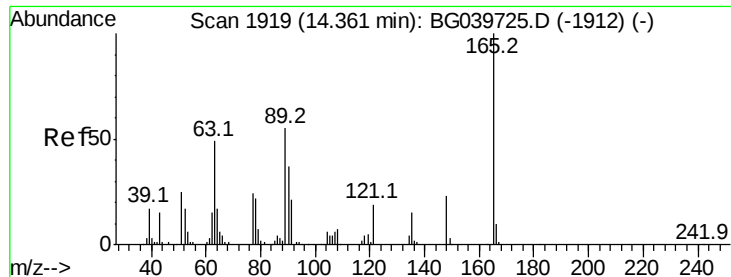
#45
 2-Fluorobiphenyl
 Concen: 83.130 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040112.D
 Acq: 23 Mar 2019 11:32

Tgt Ion:172 Resp: 704326
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 24.5 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





#51

2,6-Dinitrotoluene

Concen: 7.127 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040112.D

Acq: 23 Mar 2019 11:32

Instrument :

BNA_G

ClientSampleId :

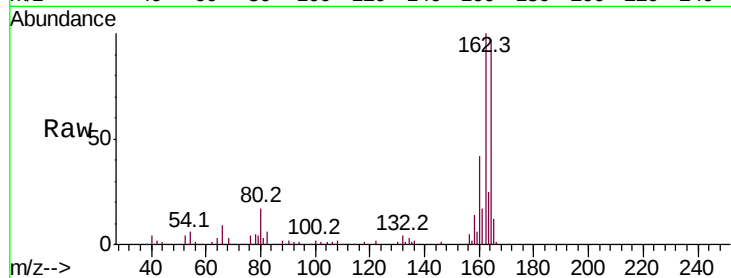
Tot Ion:165 Resp: 15240

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

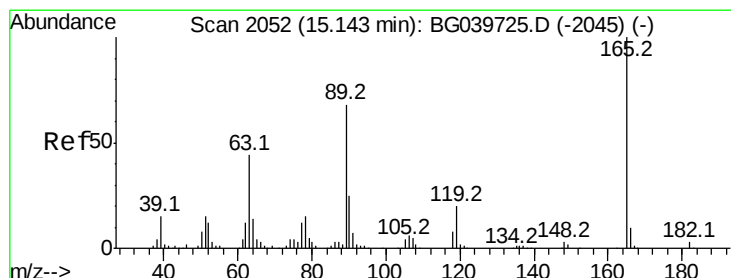
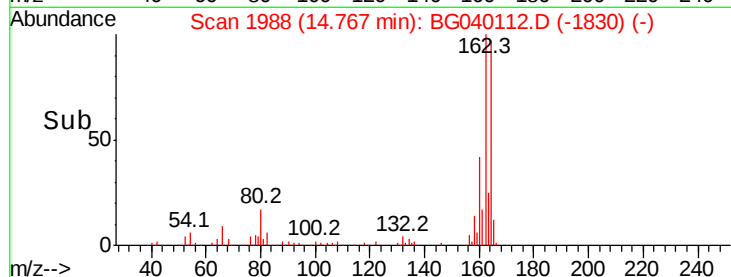
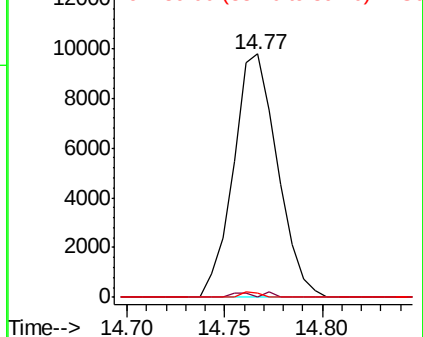
89 1.7 45.8 68.8#



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: 5.072 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040112.D

Acq: 23 Mar 2019 11:32

Tgt Ion:165 Resp: 15240

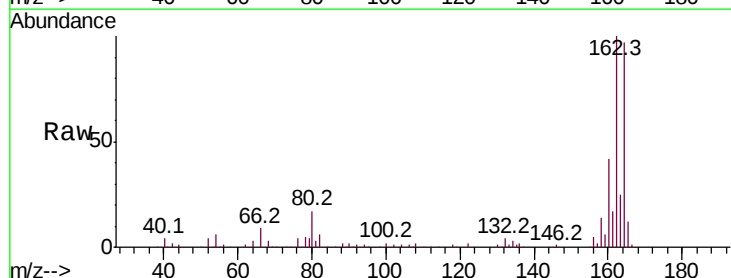
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 1.7 64.6 96.8#

182 0.0 2.0 3.0#

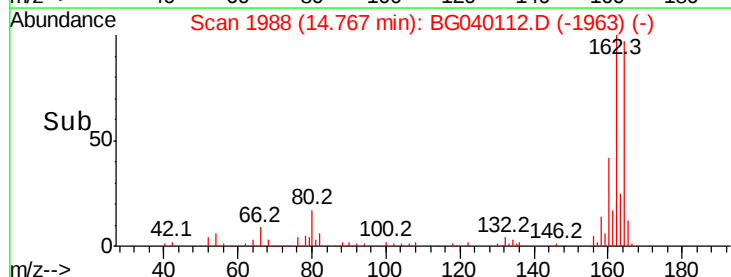
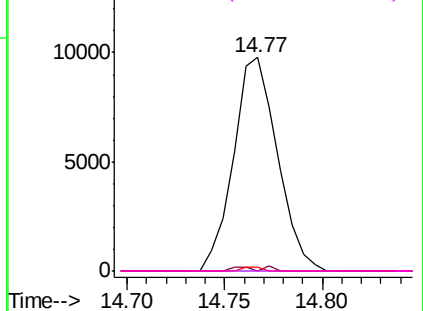


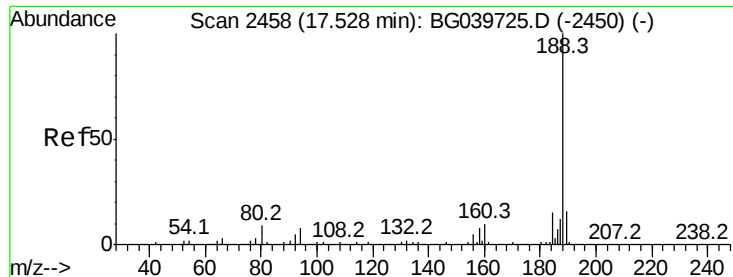
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040112.D

Acq: 23 Mar 2019 11:32

Instrument :

BNA_G

ClientSampled :

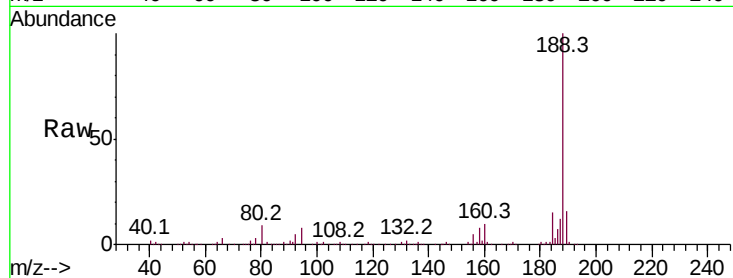
Tot Ion:188 Resp: 286561

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

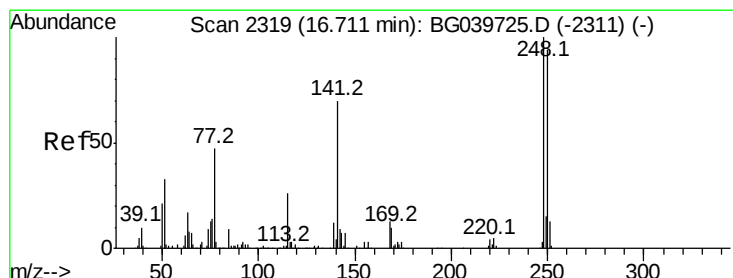
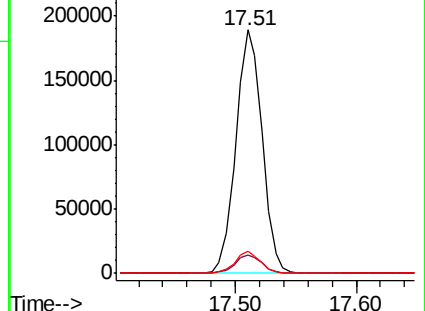
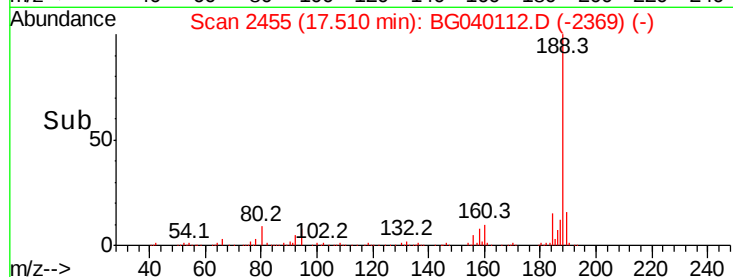
80 9.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 2.771 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.46 min

Lab File: BG040112.D

Acq: 23 Mar 2019 11:32

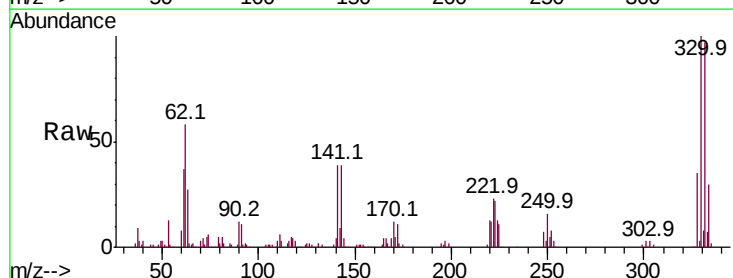
Tgt Ion:248 Resp: 8887

Ion Ratio Lower Upper

248 100

250 234.0 77.6 116.4#

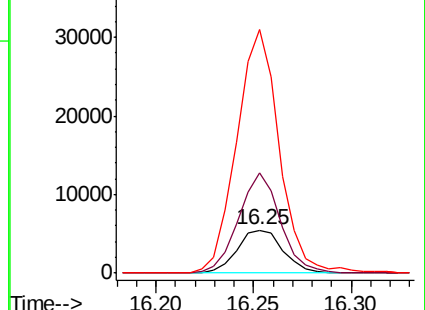
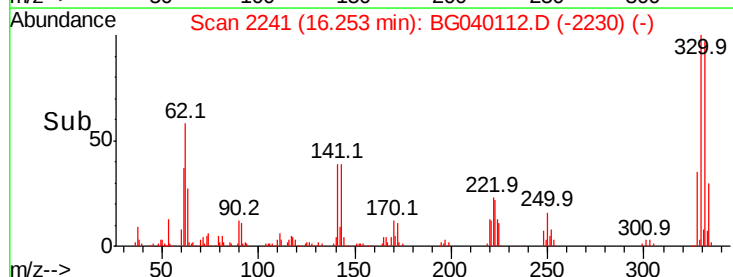
141 566.2 63.9 95.9#

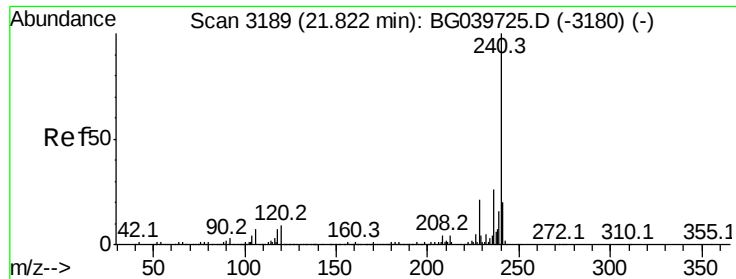


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040112.D

Acq: 23 Mar 2019 11:32

Instrument :

BNA_G

ClientSampleId :

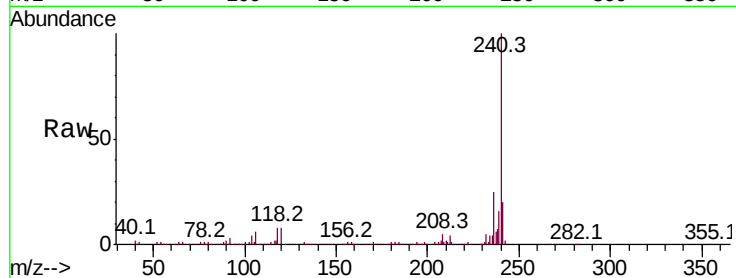
Tot Ion:240 Resp: 283780

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

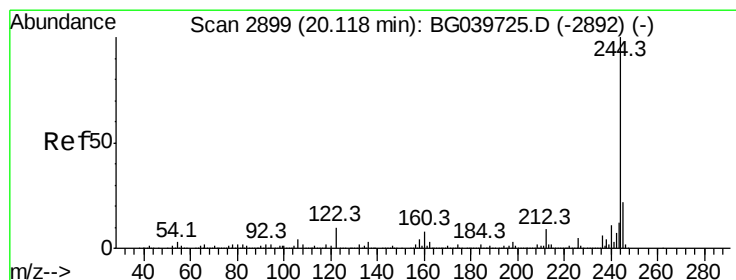
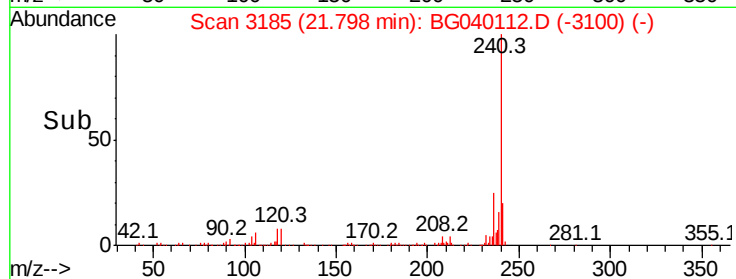
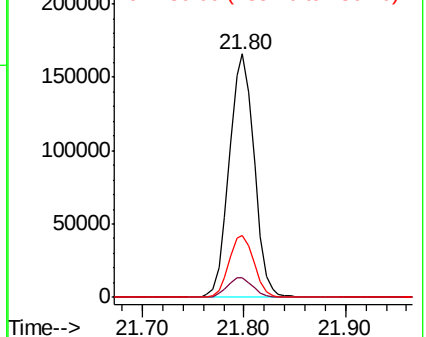
236 25.4 21.0 31.4



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: 74.160 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040112.D

Acq: 23 Mar 2019 11:32

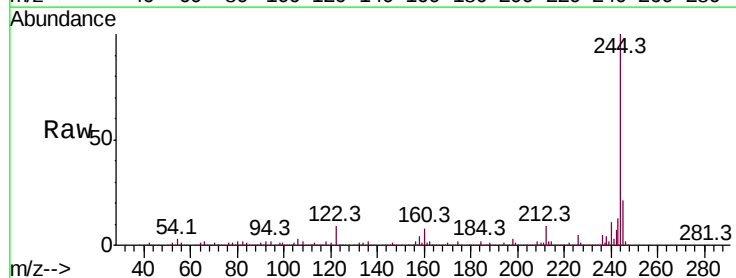
Tgt Ion:244 Resp: 955814

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

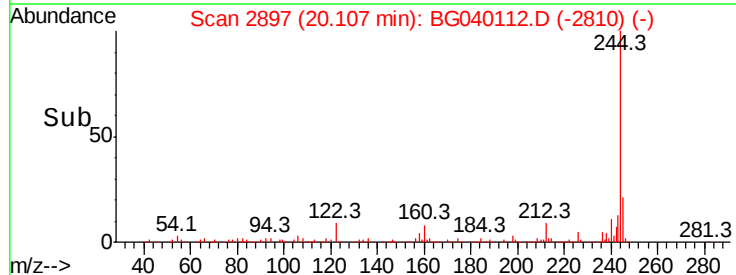
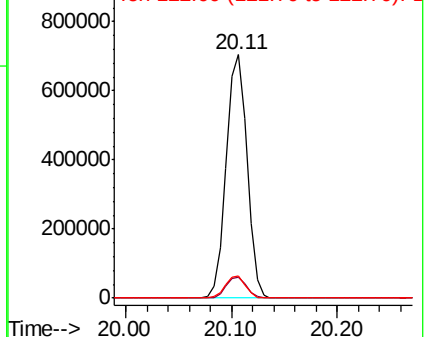
122 8.9 8.4 12.6

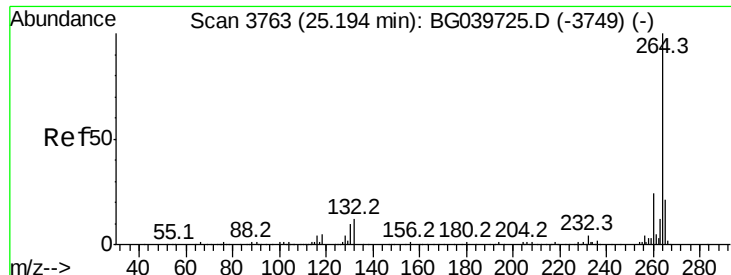


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

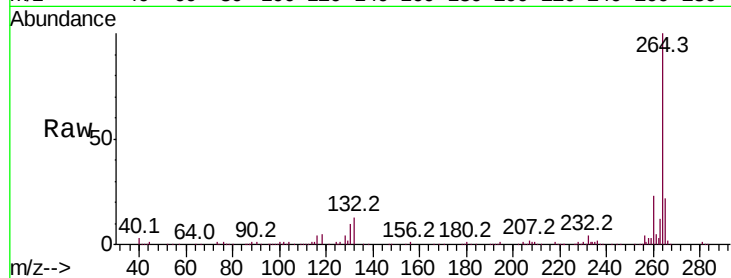




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.16 min Scan# 3757
 Delta R.T. -0.04 min
 Lab File: BG040112.D
 Acq: 23 Mar 2019 11:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	281520
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.7	18.5	27.7



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

