

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040107.D
 Acq On : 23 Mar 2019 8:13
 Operator : JU/SJ
 Sample : K2035-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 22:16:50 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

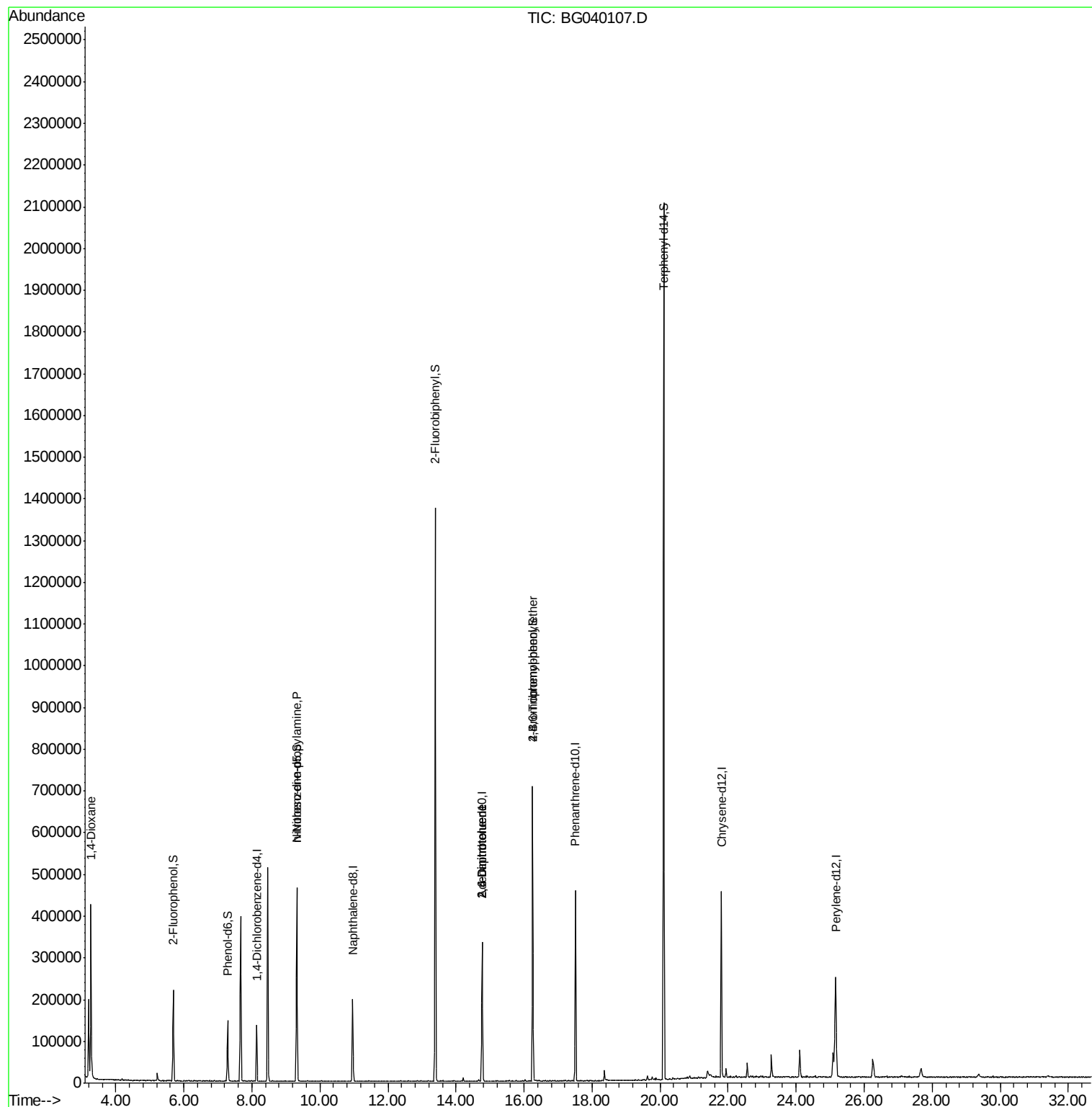
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	39040	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	169978	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	117728	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	288549	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	281304	20.00	ng	-0.03
87) Perylene-d12	25.16	264	277551	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	94621	41.35	ng	-0.02
7) Phenol-d6	7.28	99	88780	26.02	ng	-0.03
23) Nitrobenzene-d5	9.32	82	276651	88.03	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	124730	90.90	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	727345	87.97	ng	-0.03
79) Terphenyl-d14	20.11	244	992211	77.66	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.27	88	3591	3.399	ng	# 1
19) n-Nitroso-di-n-propylamine	9.32	70	36474	14.851	ng	# 65
51) 2,6-Dinitrotoluene	14.77	165	15234	7.300	ng	# 24
57) 2,4-Dinitrotoluene	14.77	165	15234	5.195	ng	# 19
67) 4-Bromophenyl-phenylether	16.25	248	9261	2.867	ng	# 1

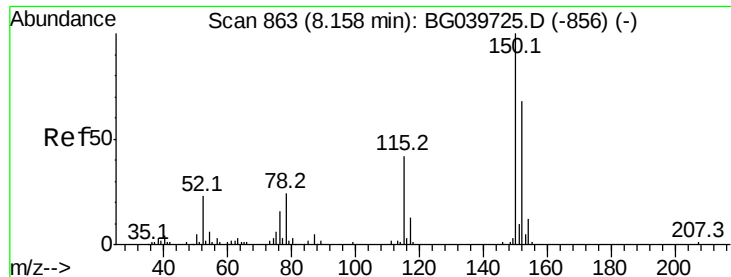
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040107.D
Acq On : 23 Mar 2019 8:13
Operator : JU/SJ
Sample : K2035-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 23 22:16:50 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: BG040107.D

Acq: 23 Mar 2019 8:13

Instrument :

BNA_G

ClientSampleId :

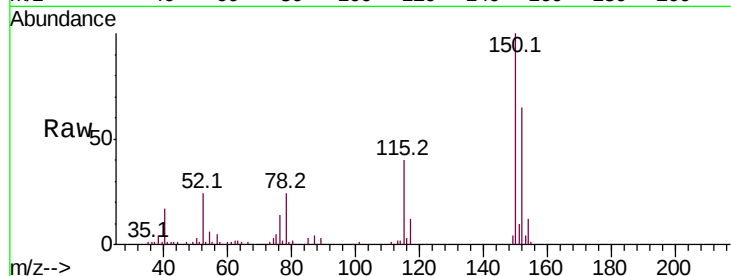
Tot Ion:152 Resp: 39040

Ion Ratio Lower Upper

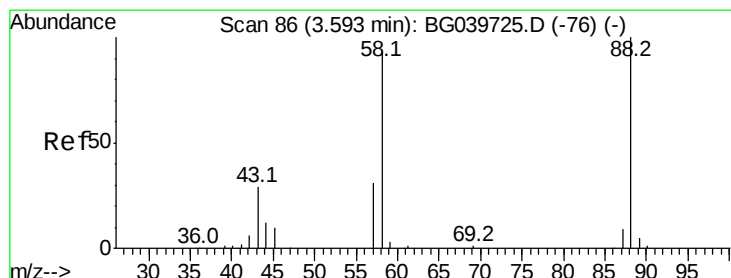
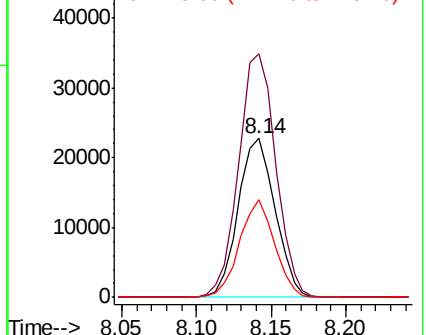
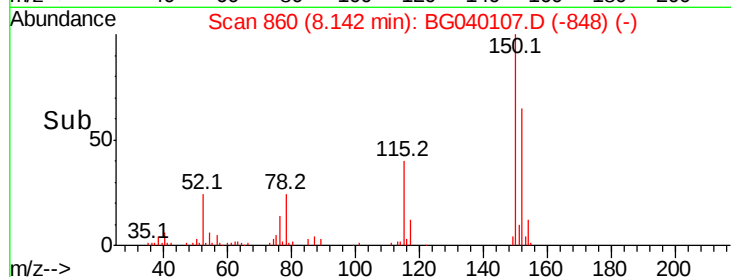
152 100

150 153.4 123.7 185.5

115 61.3 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: 3.399 ng

RT: 3.27 min Scan# 30

Delta R.T. -0.34 min

Lab File: BG040107.D

Acq: 23 Mar 2019 8:13

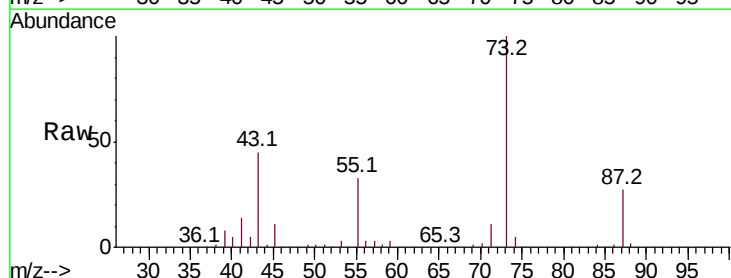
Tgt Ion: 88 Resp: 3591

Ion Ratio Lower Upper

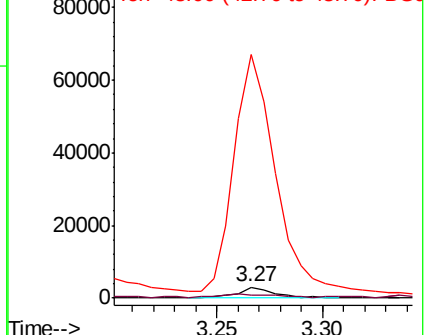
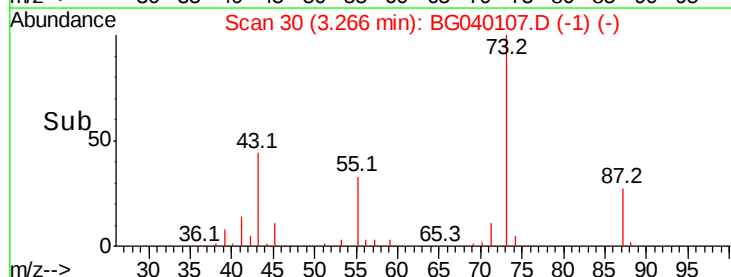
88 100

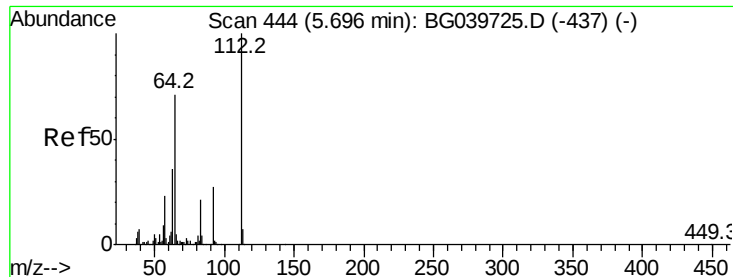
58 38.6 81.1 121.7#

43 2559.5 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: 41.348 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040107.D

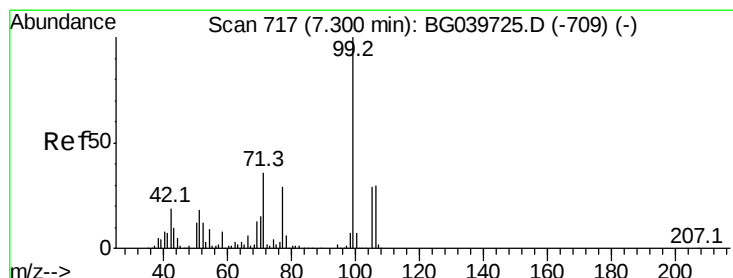
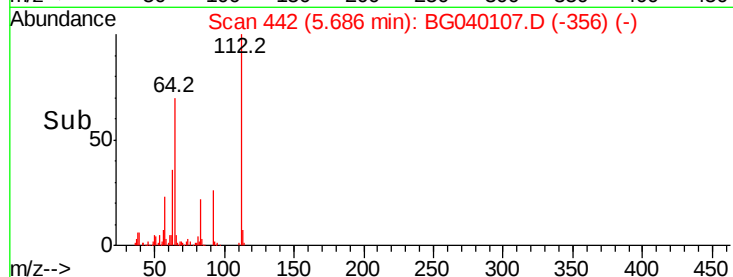
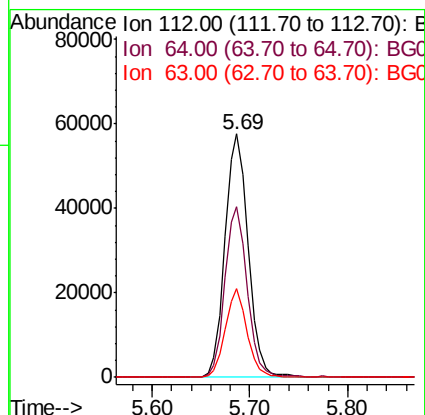
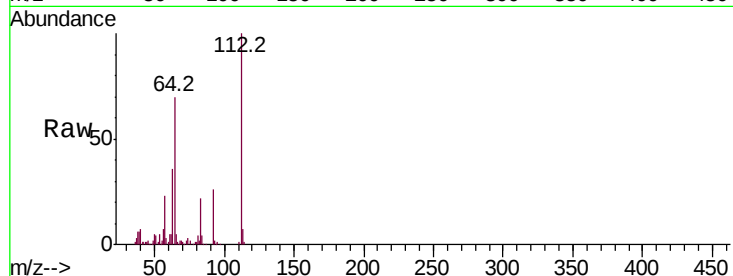
Acq: 23 Mar 2019 8:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	94621
Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.8	86.8
63	36.2	29.8	44.6



#7

Phenol-d6

Concen: 26.019 ng

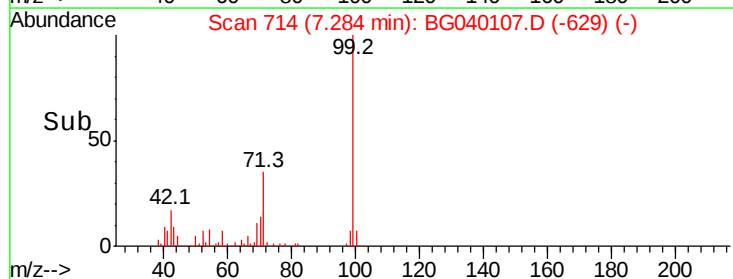
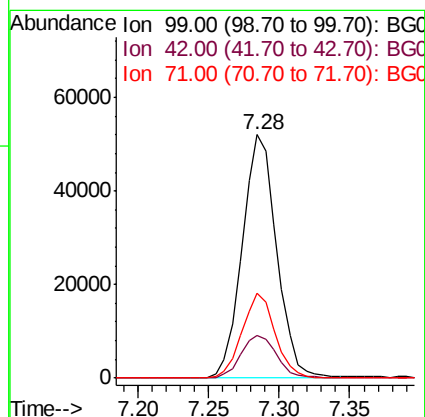
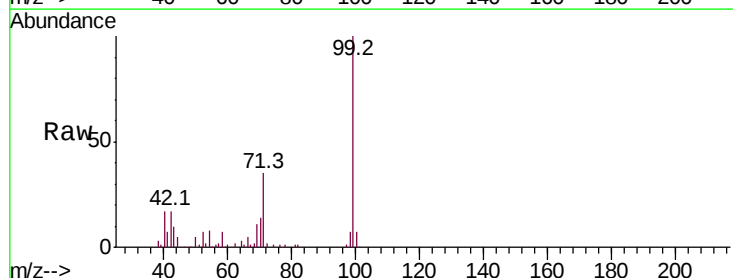
RT: 7.28 min Scan# 714

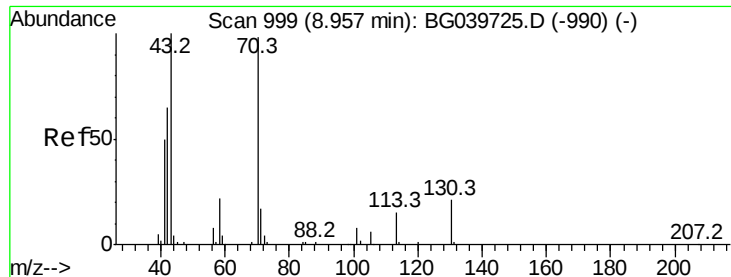
Delta R.T. -0.03 min

Lab File: BG040107.D

Acq: 23 Mar 2019 8:13

Tgt Ion:	99	Resp:	88780
Ion	Ratio	Lower	Upper
99	100		
42	17.5	18.2	27.2#
71	34.7	28.0	42.0

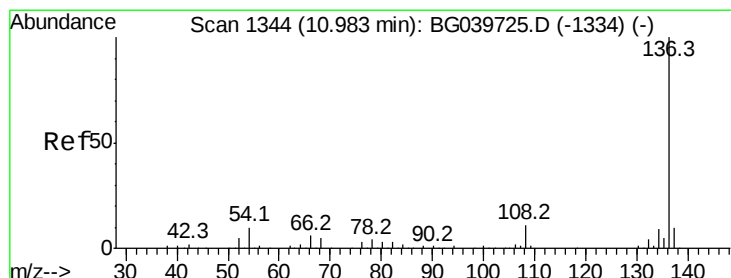
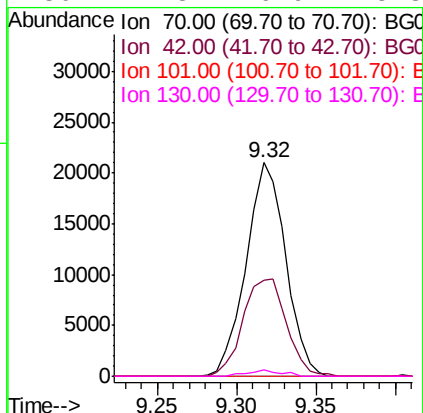
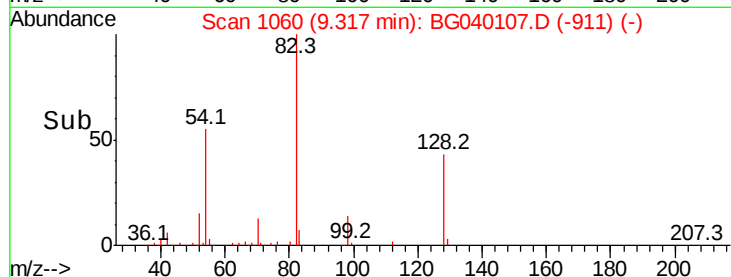
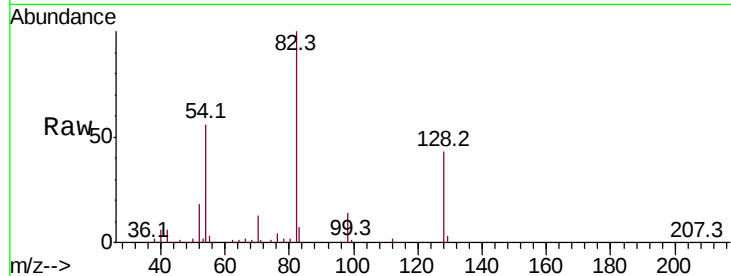




#19
n-Nitroso-di-n-propylamine
Concen: 14.851 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040107.D
Acq: 23 Mar 2019 8:13

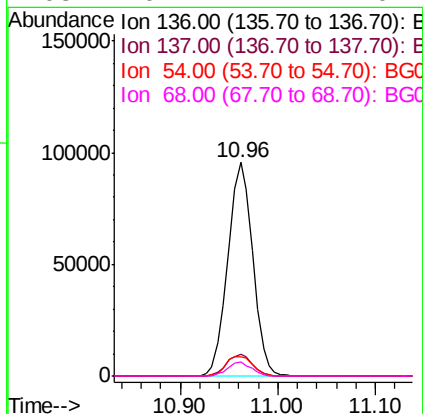
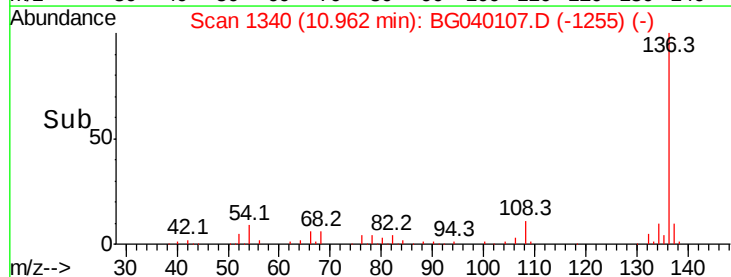
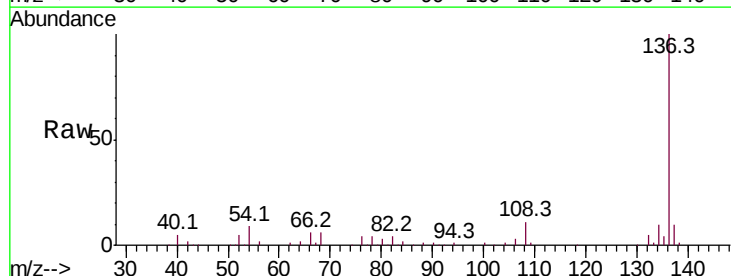
Instrument :
BNA_G
ClientSampleId :

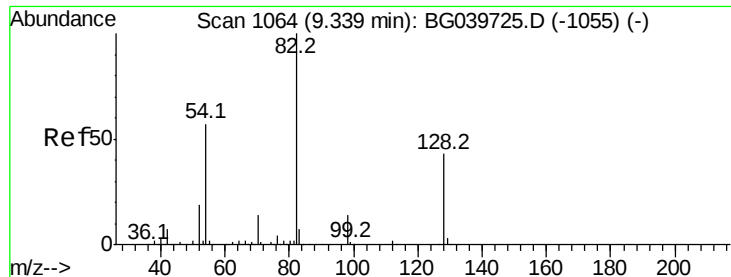
Tot Ion: 70 Resp: 36474
Ion Ratio Lower Upper
70 100
42 45.2 60.4 90.6#
101 0.0 7.5 11.3#
130 2.8 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040107.D
Acq: 23 Mar 2019 8:13

Tgt Ion: 136 Resp: 169978
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 9.3 9.4 14.2#
68 6.4 4.2 6.4

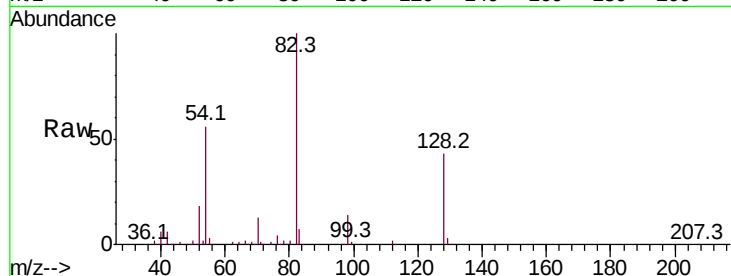




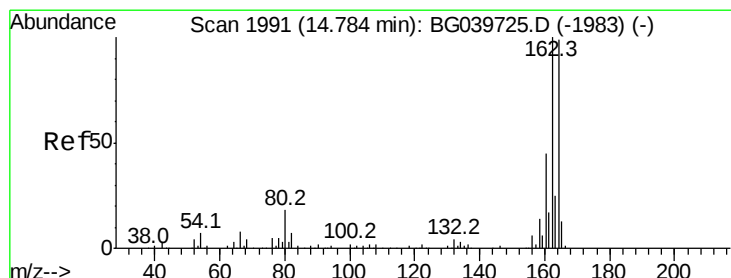
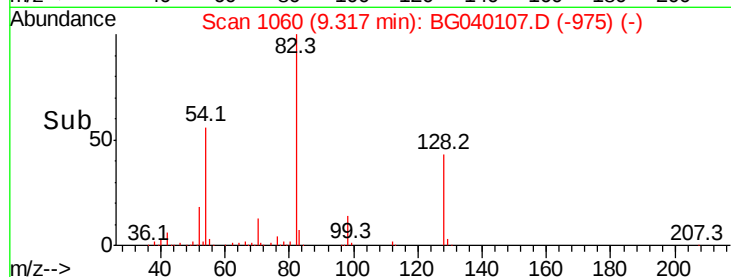
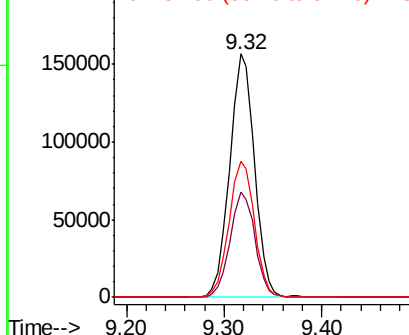
#23
Nitrobenzene-d5
Concen: 88.026 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040107.D
Acq: 23 Mar 2019 8:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	31.3	46.9
54	55.9	50.9	76.3

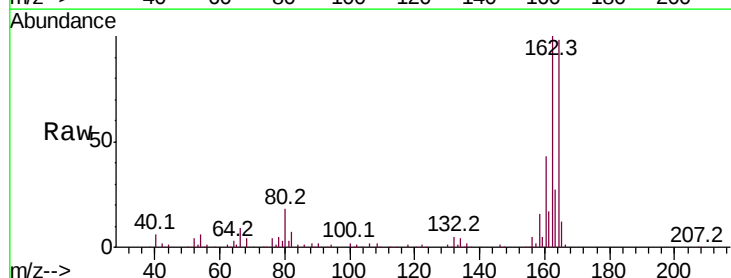


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

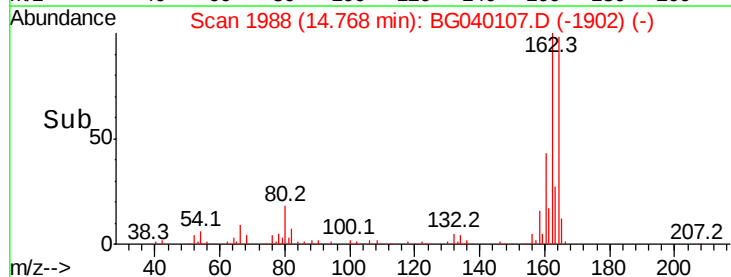
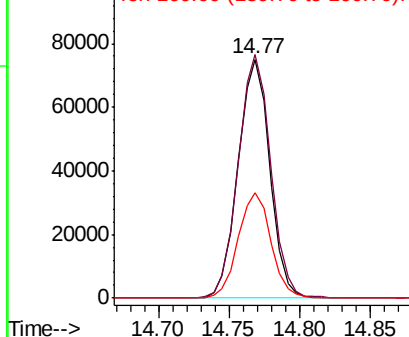


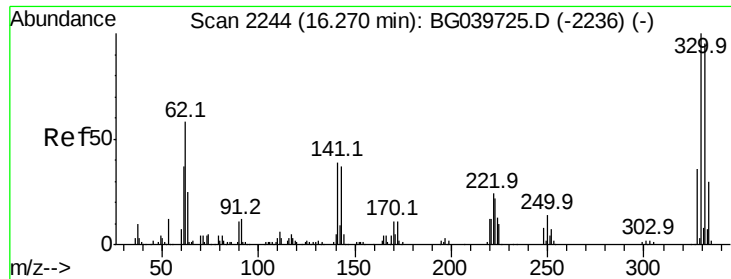
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040107.D
Acq: 23 Mar 2019 8:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.6	122.4
160	44.2	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: 90.897 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040107.D

Acq: 23 Mar 2019 8:13

Instrument :

BNA_G

ClientSampled :

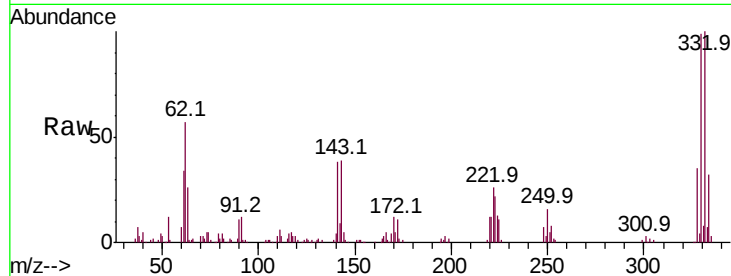
Tot Ion:330 Resp: 124730

Ion Ratio Lower Upper

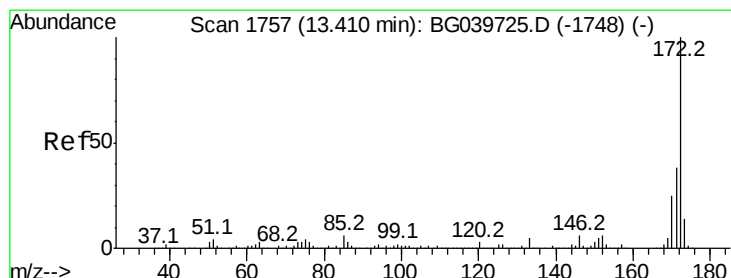
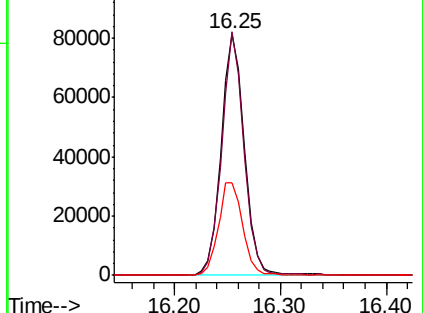
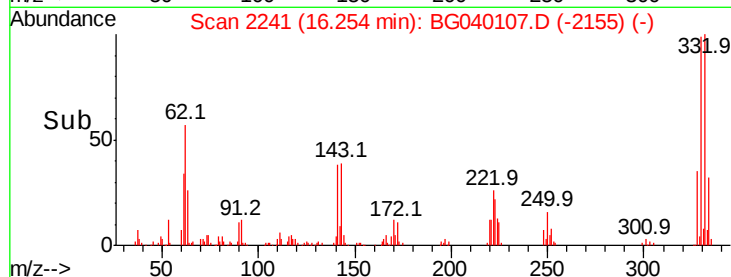
330 100

332 95.6 75.7 113.5

141 40.3 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: 87.967 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040107.D

Acq: 23 Mar 2019 8:13

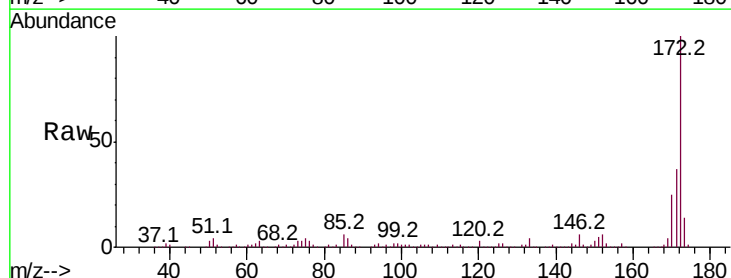
Tgt Ion:172 Resp: 727345

Ion Ratio Lower Upper

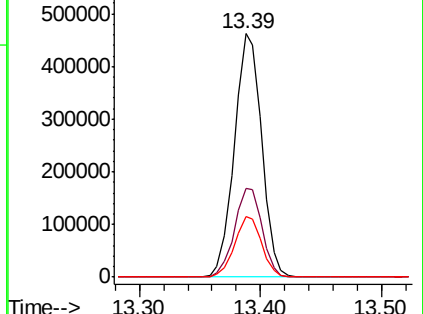
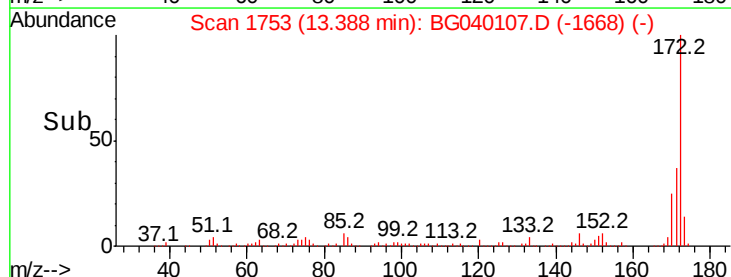
172 100

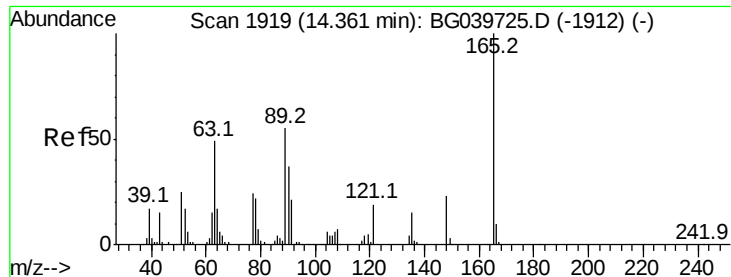
171 36.7 30.8 46.2

170 24.8 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: 7.300 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG040107.D

Acq: 23 Mar 2019 8:13

Instrument :

BNA_G

ClientSampleId :

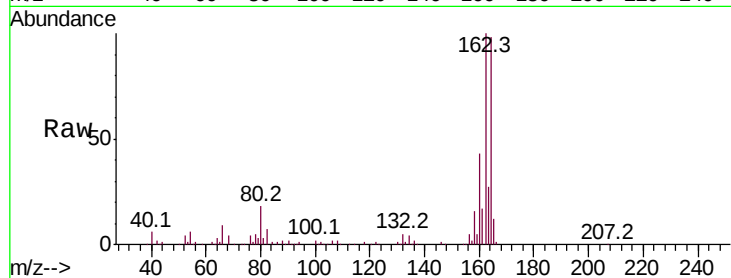
Tot Ion:165 Resp: 15234

Ion Ratio Lower Upper

165 100

63 2.0 47.0 70.6#

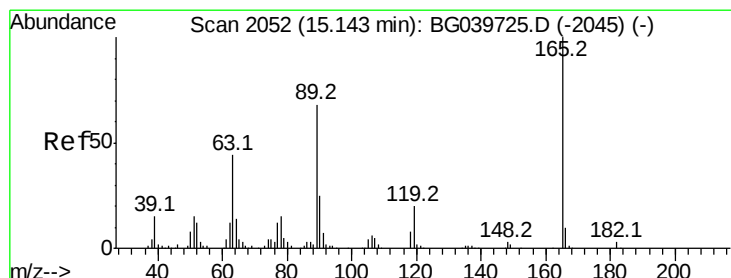
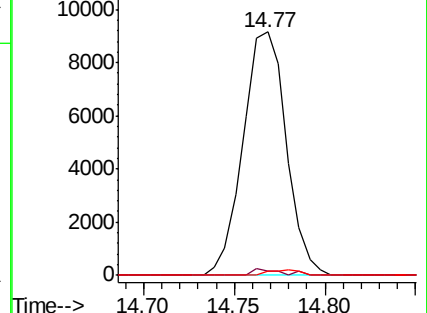
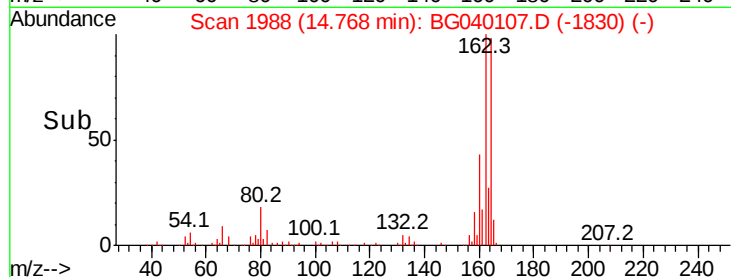
89 1.7 45.8 68.8#



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: 5.195 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.38 min

Lab File: BG040107.D

Acq: 23 Mar 2019 8:13

Tgt Ion:165 Resp: 15234

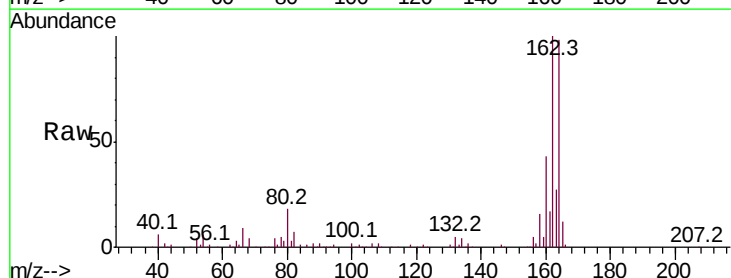
Ion Ratio Lower Upper

165 100

63 2.0 41.0 61.6#

89 1.7 64.6 96.8#

182 0.0 2.0 3.0#

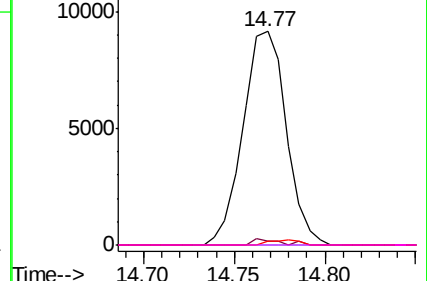
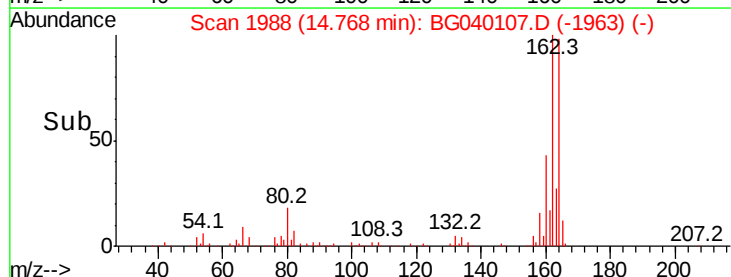


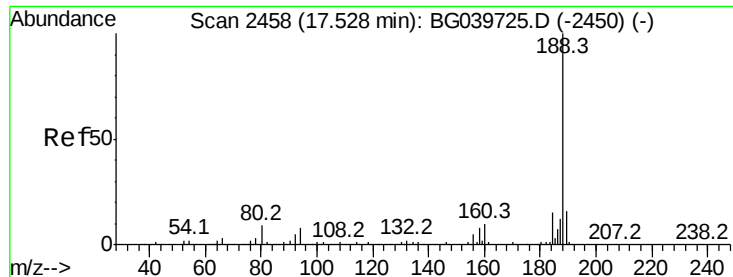
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG040107.D

Acq: 23 Mar 2019 8:13

Instrument :

BNA_G

ClientSampled :

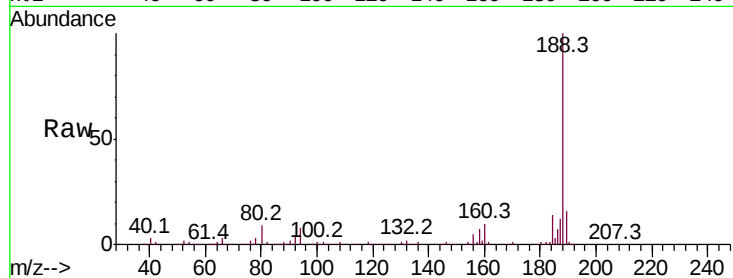
Tot Ion:188 Resp: 288549

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

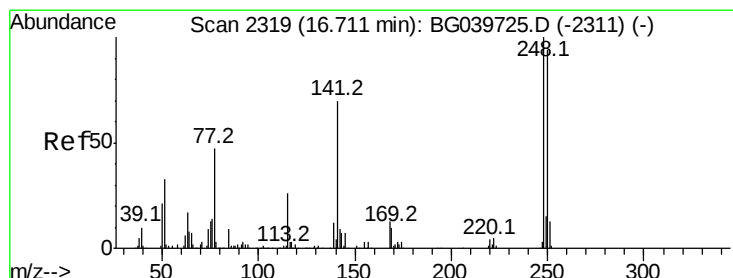
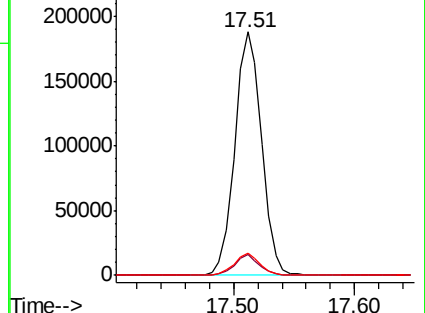
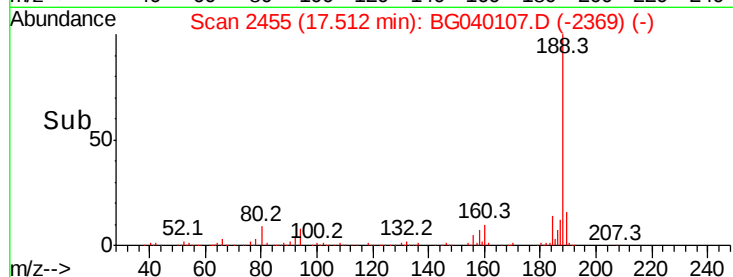
80 9.0 8.1 12.1



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: 2.867 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.46 min

Lab File: BG040107.D

Acq: 23 Mar 2019 8:13

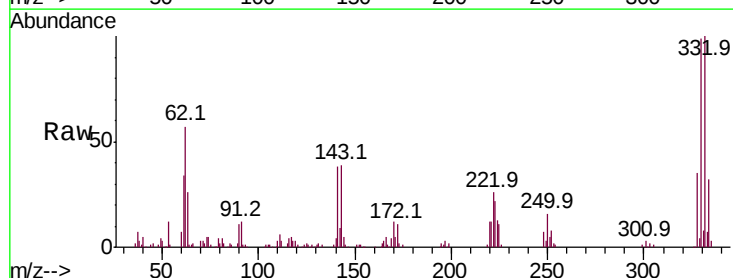
Tgt Ion:248 Resp: 9261

Ion Ratio Lower Upper

248 100

250 217.1 77.6 116.4#

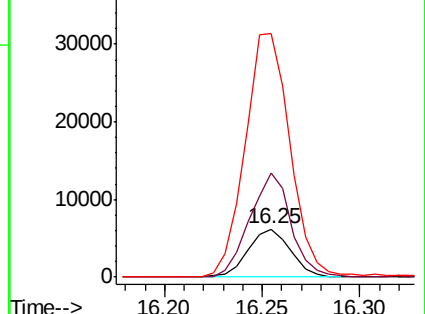
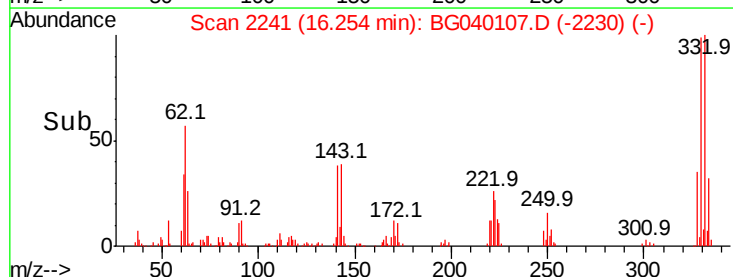
141 509.4 63.9 95.9#

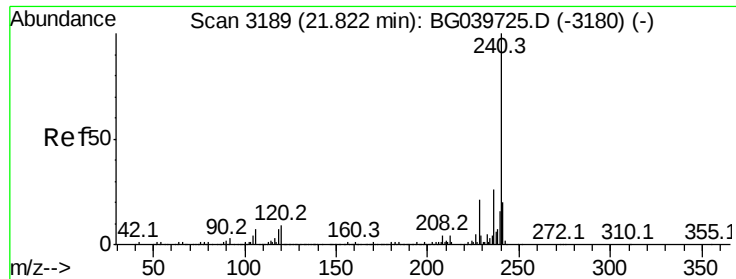


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

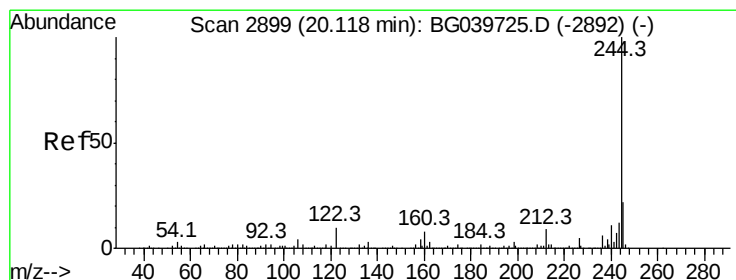
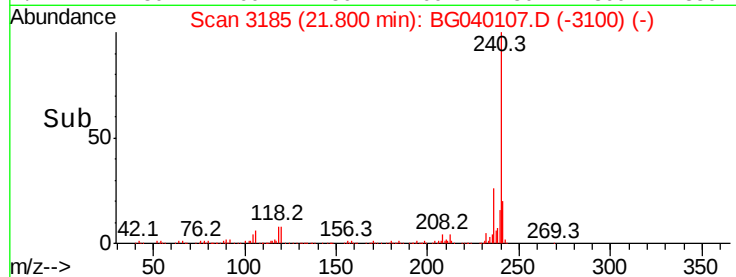
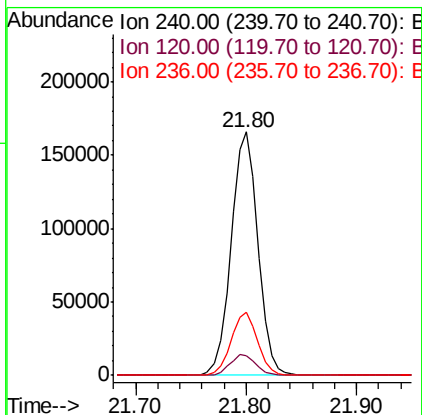
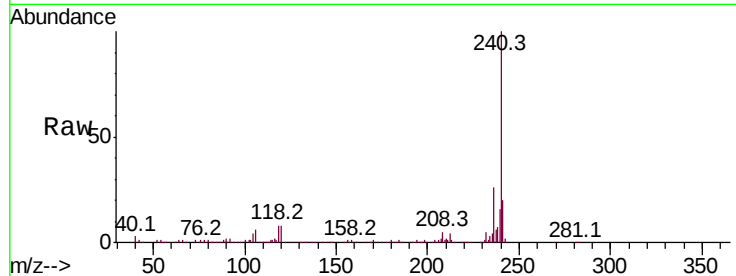




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG040107.D
 Acq: 23 Mar 2019 8:13

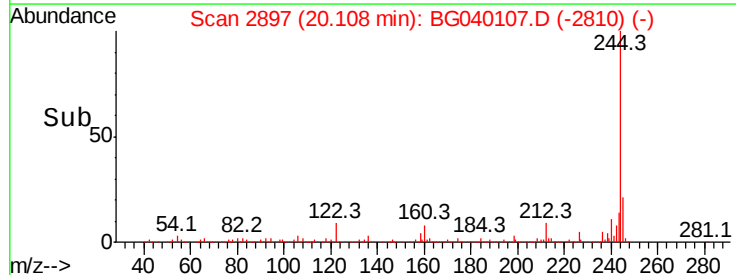
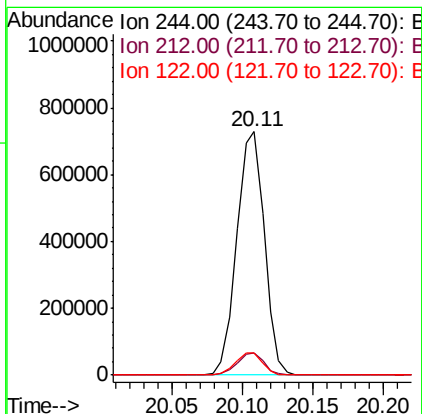
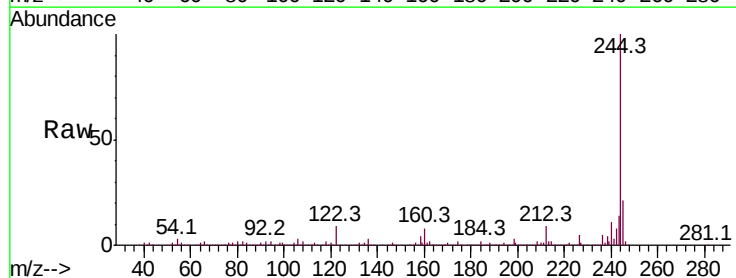
Instrument :
 BNA_G
 ClientSampleId :

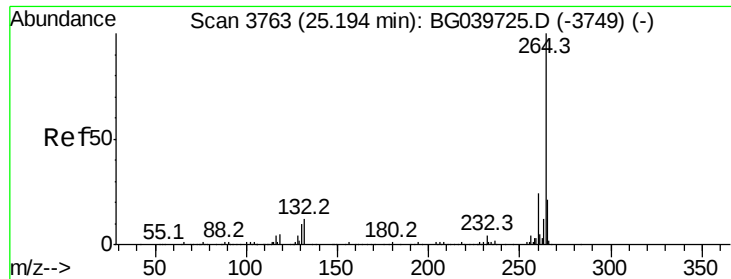
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.0	10.6
236	25.8	21.0	31.4



#79
 Terphenyl-d14
 Concen: 77.662 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040107.D
 Acq: 23 Mar 2019 8:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	8.9	8.4	12.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.16 min Scan# 3757
 Delta R.T. -0.04 min
 Lab File: BG040107.D
 Acq: 23 Mar 2019 8:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 264 Resp: 277551
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.4
 265 21.4 18.5 27.7

