

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039876.D
 Acq On : 12 Mar 2019 16:15
 Operator : JU/SJ
 Sample : K1845-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-294

Quant Time: Mar 13 05:48:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

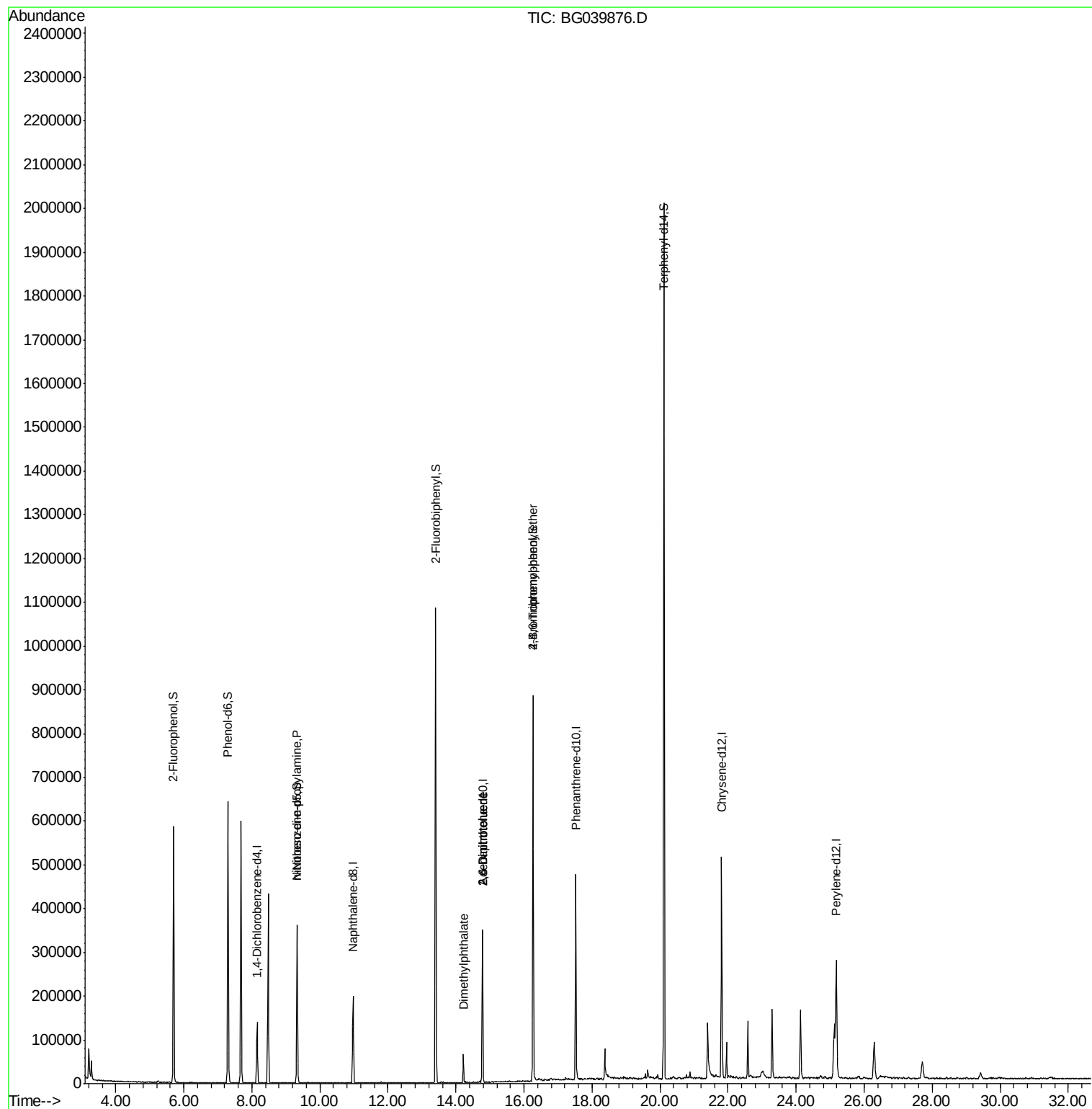
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39307	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	168053	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	120852	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	300001	20.00	ng	0.00
76) Chrysene-d12	21.81	240	312202	20.00	ng	0.00
87) Perylene-d12	25.18	264	304591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	250403	108.68	ng	0.00
7) Phenol-d6	7.30	99	368135	107.16	ng	0.00
23) Nitrobenzene-d5	9.33	82	215885	69.48	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	154520	109.70	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	572653	67.47	ng	0.00
79) Terphenyl-d14	20.12	244	940978	66.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	28660	11.590	ng	Qvalue # 66
50) Dimethylphthalate	14.22	163	46256	4.577	ng	100
51) 2,6-Dinitrotoluene	14.78	165	15651	7.306	ng	# 24
57) 2,4-Dinitrotoluene	14.78	165	15651	5.199	ng	# 19
67) 4-Bromophenyl-phenylether	16.26	248	11463	3.414	ng	# 1

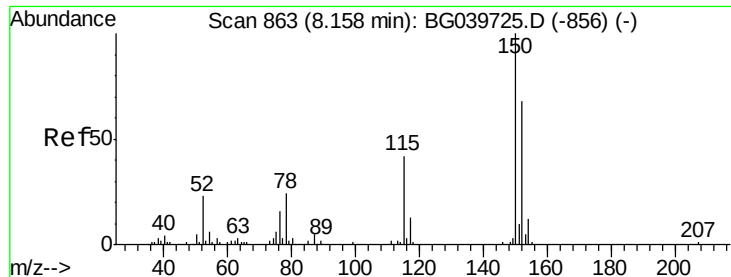
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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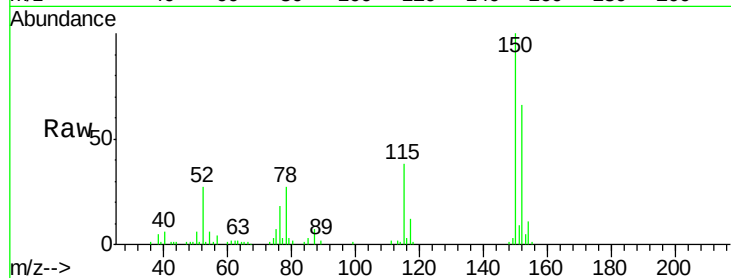


#1

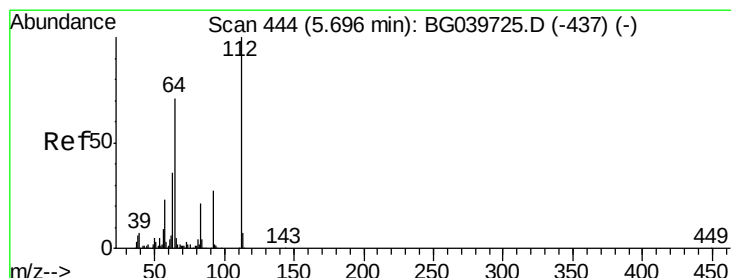
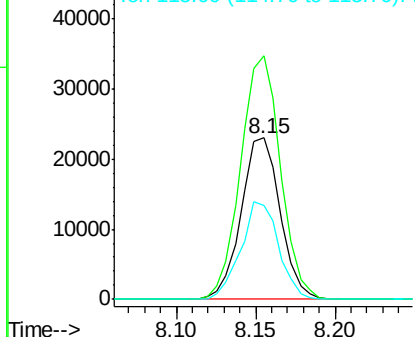
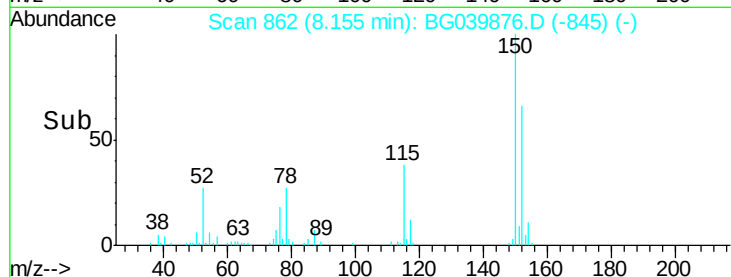
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. 0.00 min
Lab File: BG039876.D
Acq: 12 Mar 2019 16:15

Instrument :
BNA_G
ClientSampleId :
ETGI-294

Tgt Ion:152 Resp: 39307
Ion Ratio Lower Upper
152 100
150 151.0 123.7 185.5
115 58.0 45.9 68.9



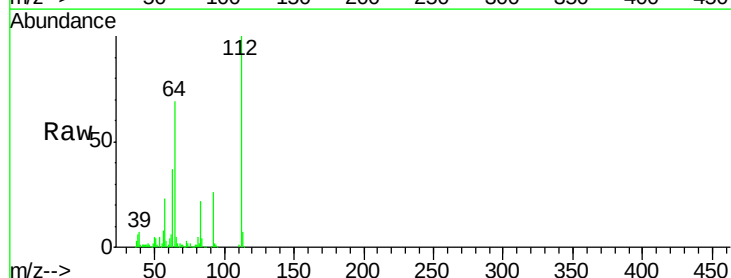
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



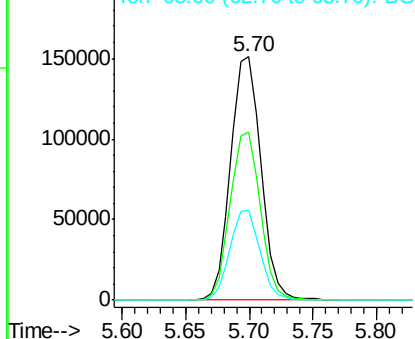
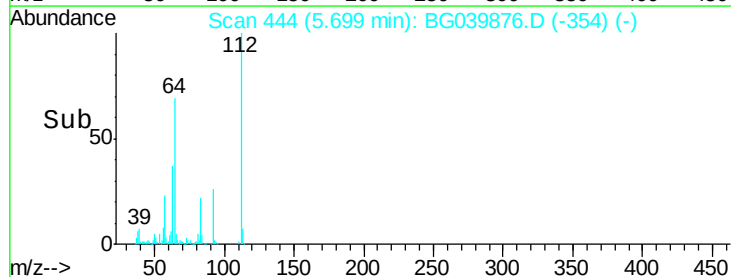
#5

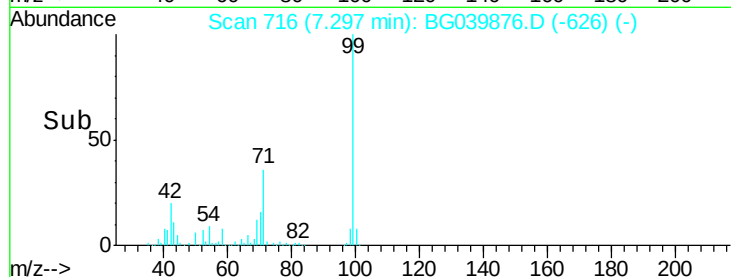
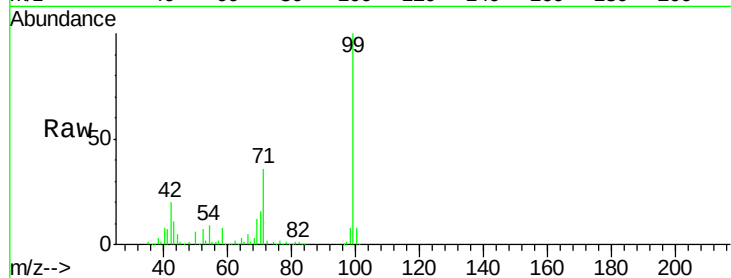
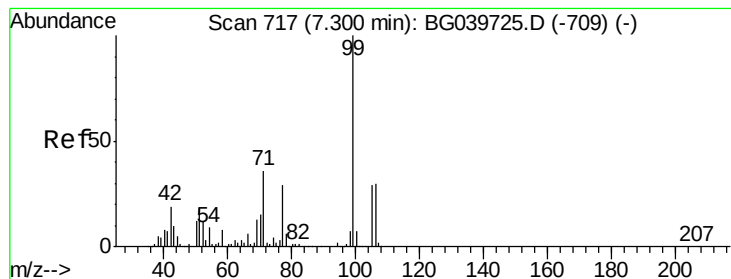
2-Fluorophenol
Concen: 108.680 ng
RT: 5.70 min Scan# 444
Delta R.T. 0.00 min
Lab File: BG039876.D
Acq: 12 Mar 2019 16:15

Tgt Ion:112 Resp: 250403
Ion Ratio Lower Upper
112 100
64 69.2 57.8 86.8
63 37.0 29.8 44.6



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





#7

Phenol-d6

Concen: 107.158 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

Instrument :

BNA_G

ClientSampleId :

ETGI-294

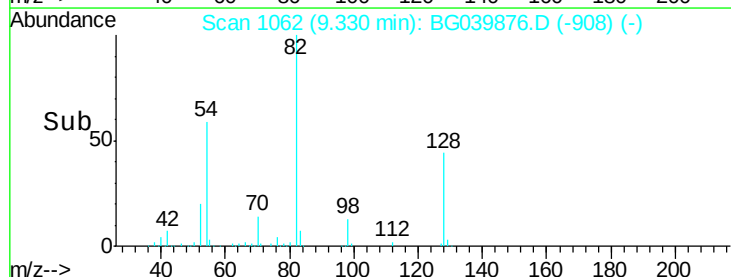
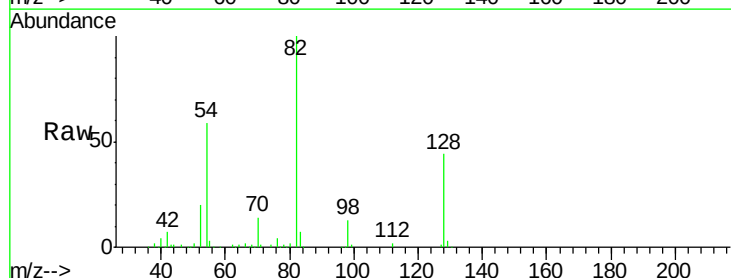
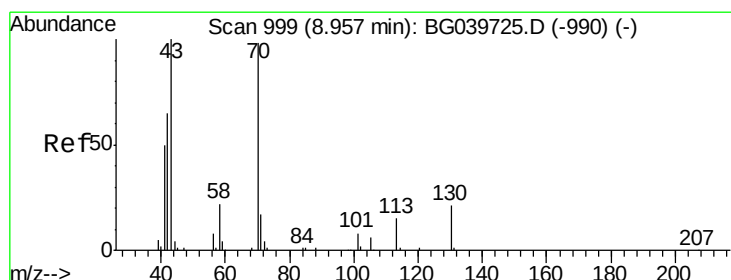
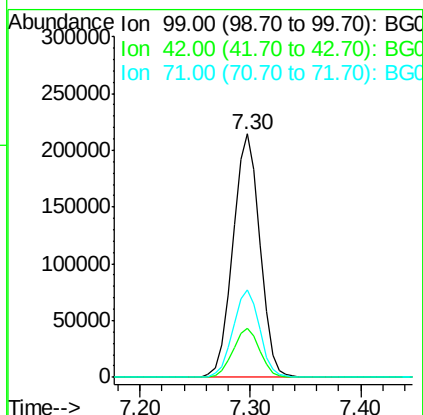
Tgt Ion: 99 Resp: 368135

Ion Ratio Lower Upper

99 100

42 20.3 18.2 27.2

71 36.1 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.590 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.38 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

Tgt Ion: 70 Resp: 28660

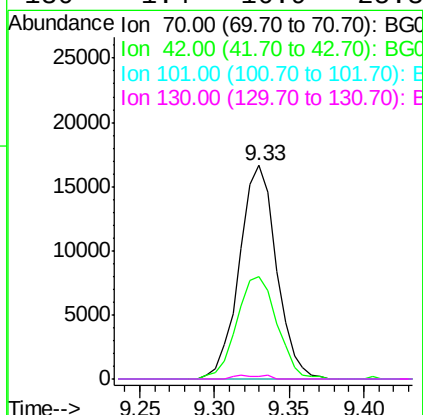
Ion Ratio Lower Upper

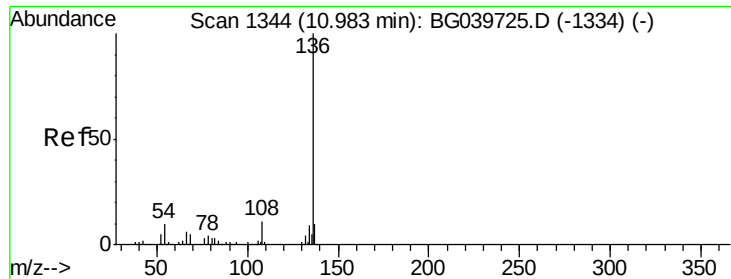
70 100

42 47.8 60.4 90.6#

101 0.0 7.5 11.3#

130 1.4 16.9 25.3#

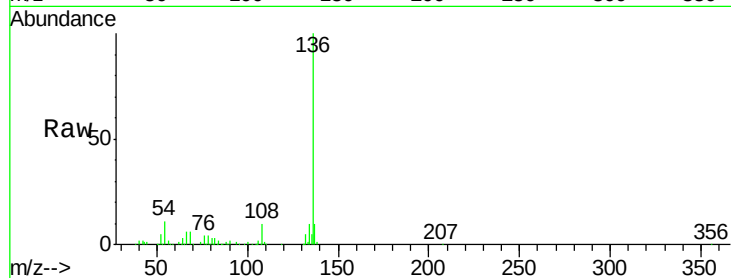




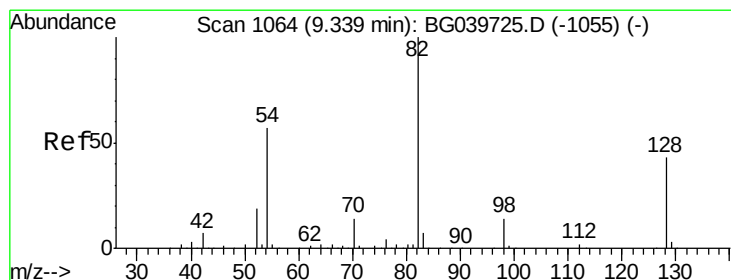
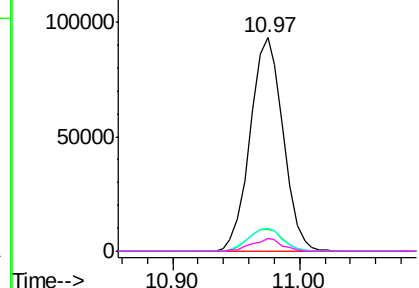
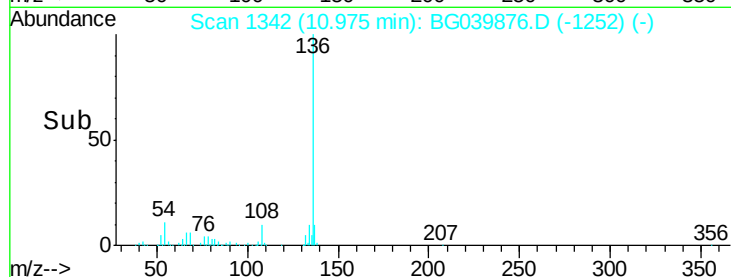
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BG039876.D
Acq: 12 Mar 2019 16:15

Instrument :
BNA_G
ClientSampleId :
ETGI-294

Tgt Ion:	136	Resp:	168053
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	11.0	9.4	14.2
68	6.2	4.2	6.4

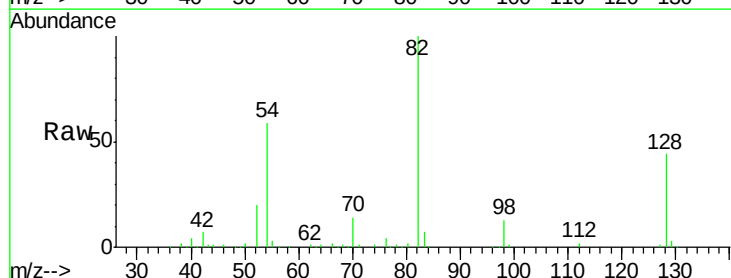


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

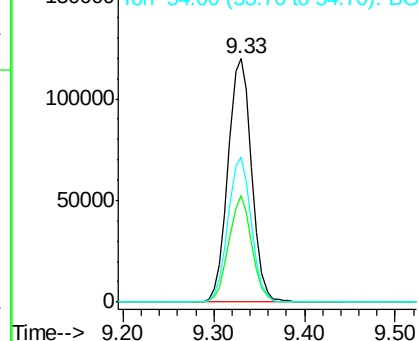
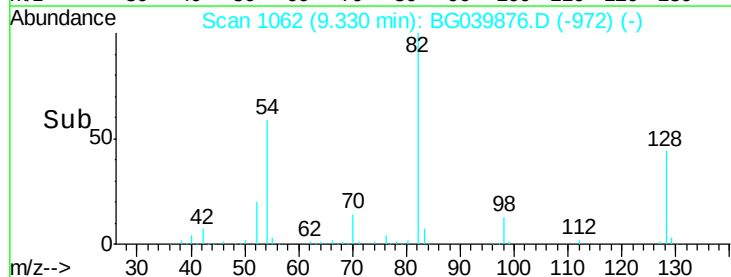


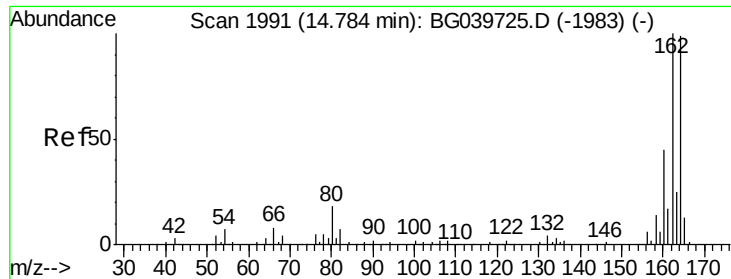
#23
Nitrobenzene-d5
Concen: 69.478 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BG039876.D
Acq: 12 Mar 2019 16:15

Tgt Ion:	82	Resp:	215885
Ion	Ratio	Lower	Upper
82	100		
128	44.0	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: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

Instrument :

BNA_G

ClientSampleId :

ETGI-294

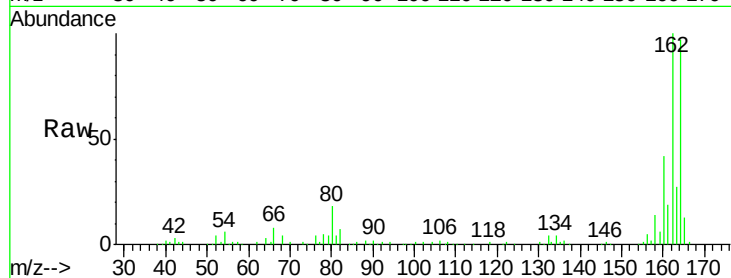
Tgt Ion:164 Resp: 120852

Ion Ratio Lower Upper

164 100

162 103.4 81.6 122.4

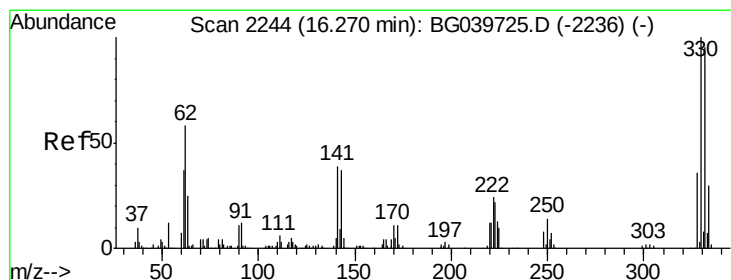
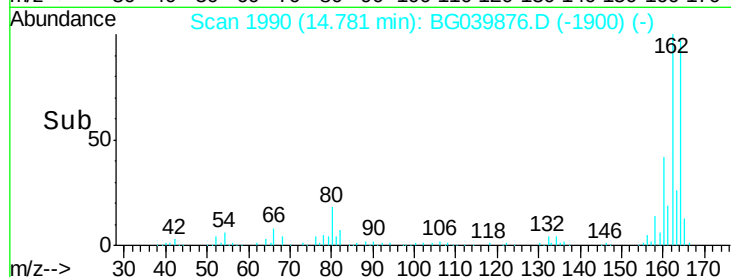
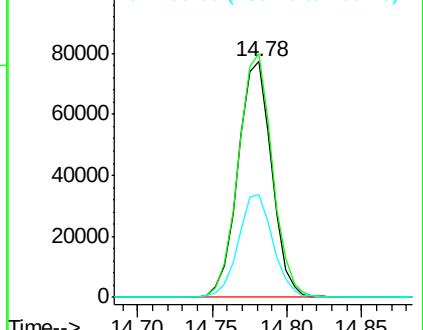
160 43.6 34.2 51.2



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: 109.696 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

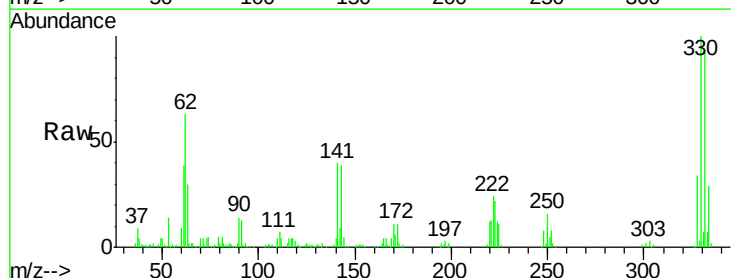
Tgt Ion:330 Resp: 154520

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

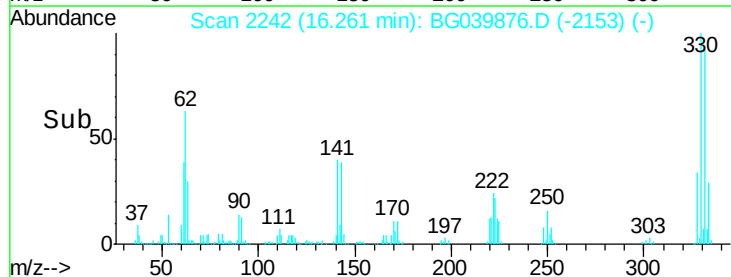
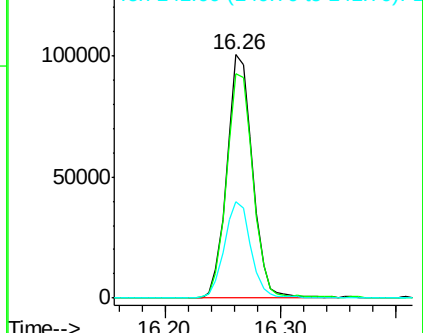
141 41.2 35.6 53.4

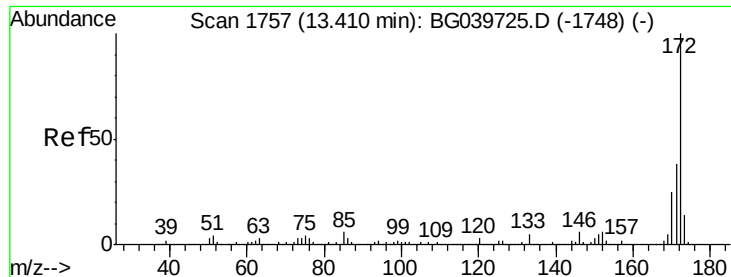


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

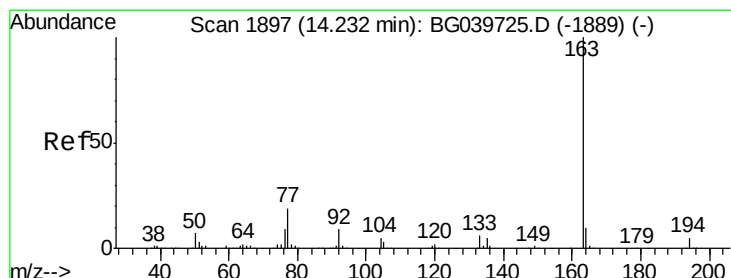
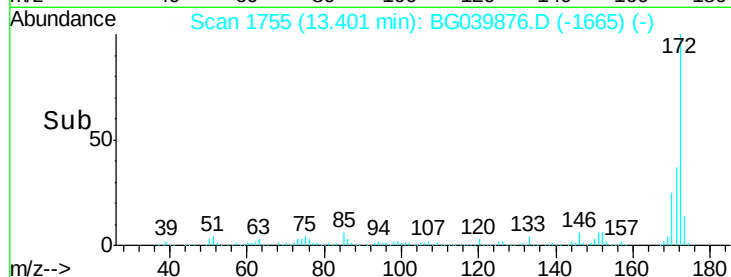
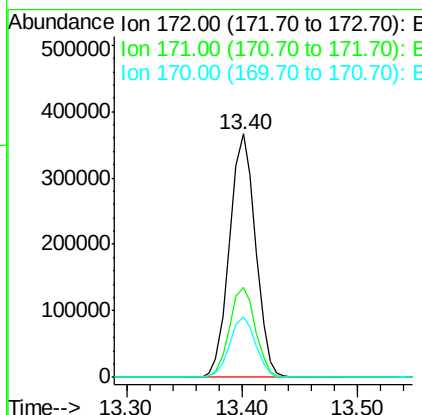
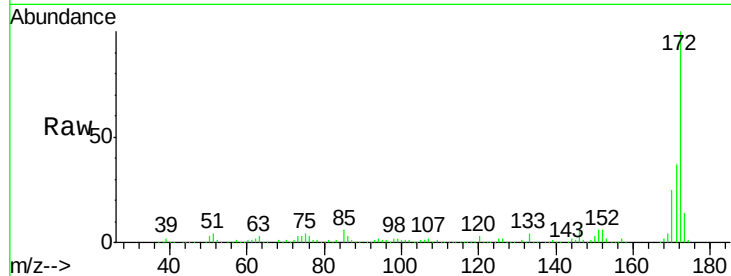




#45
 2-Fluorobiphenyl
 Concen: 67.468 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BG039876.D
 Acq: 12 Mar 2019 16:15

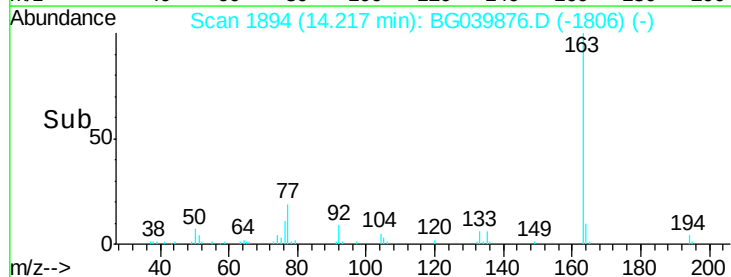
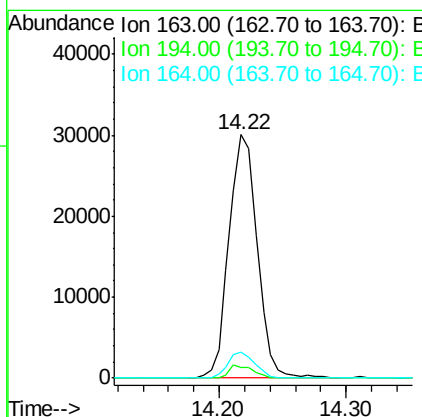
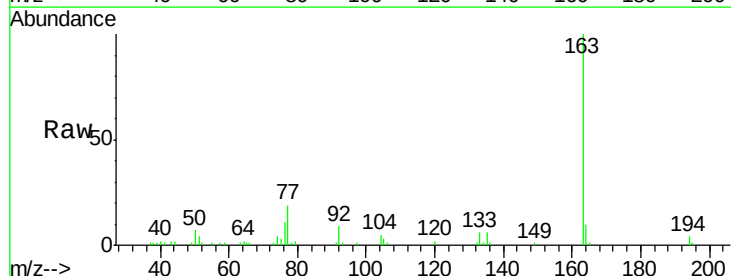
Instrument :
 BNA_G
 ClientSampleId :
 ETGI-294

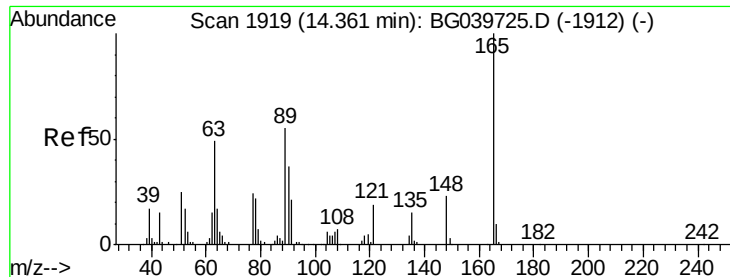
Tgt Ion:172 Resp: 572653
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 24.7 20.2 30.4



#50
 Dimethylphthalate
 Concen: 4.577 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BG039876.D
 Acq: 12 Mar 2019 16:15

Tgt Ion:163 Resp: 46256
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.6 5.4
 164 10.4 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 7.306 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.42 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

Instrument :

BNA_G

ClientSampleId :

ETGI-294

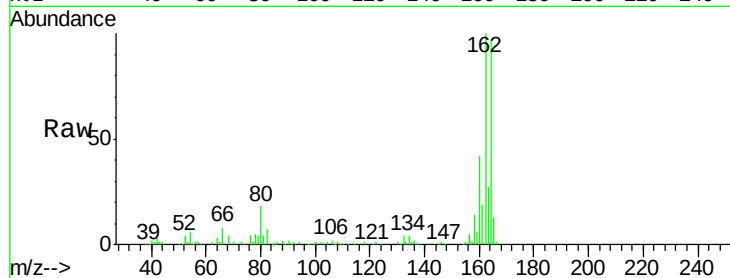
Tgt Ion:165 Resp: 15651

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

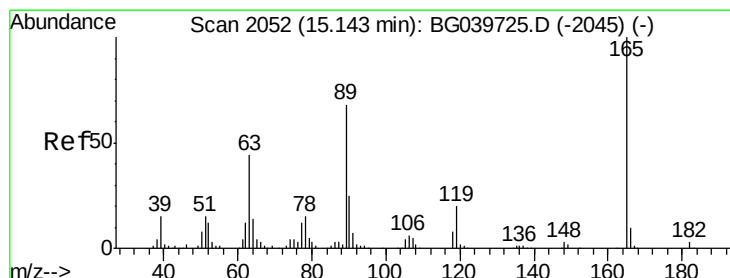
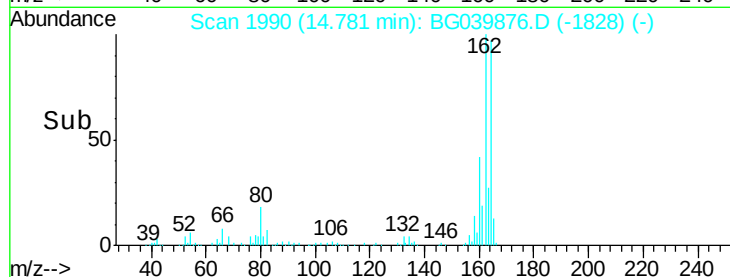
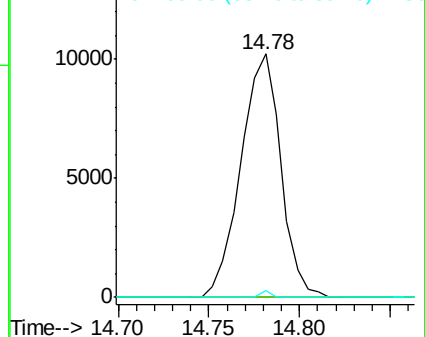
89 2.5 45.8 68.8#



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: 5.199 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.36 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

Tgt Ion:165 Resp: 15651

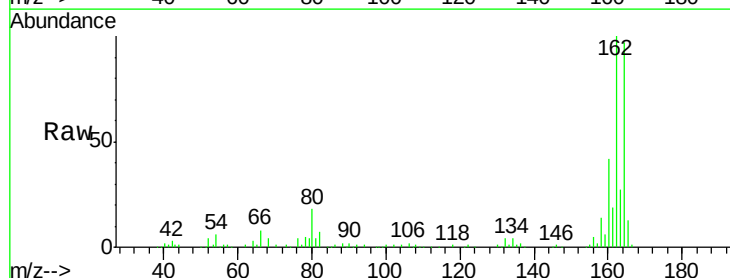
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 2.5 64.6 96.8#

182 0.0 2.0 3.0#

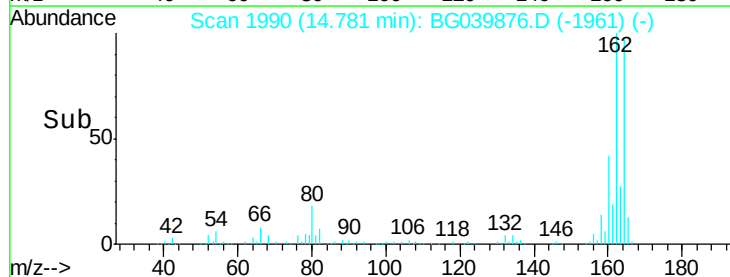
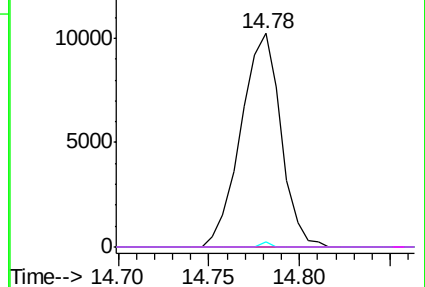


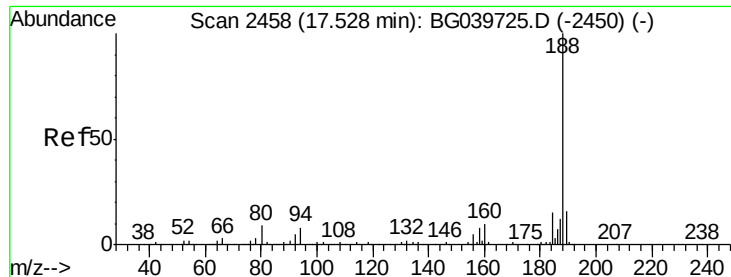
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.52 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

Instrument :

BNA_G

ClientSampled :

ETGI-294

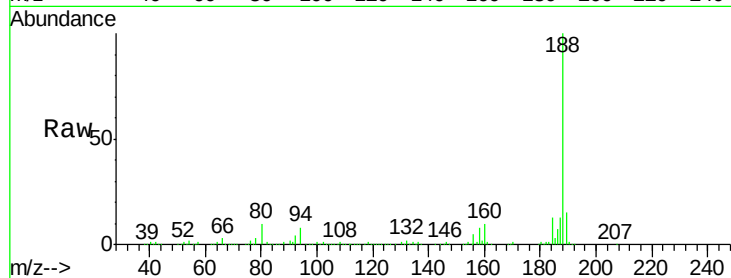
Tgt Ion:188 Resp: 300001

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

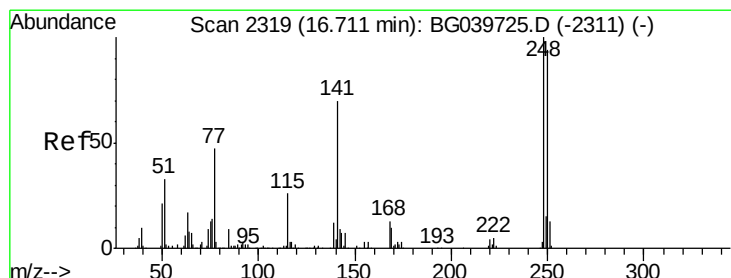
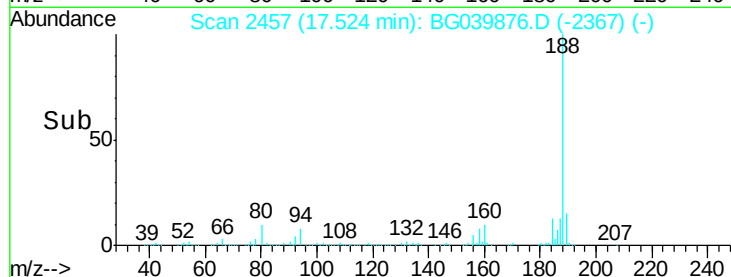
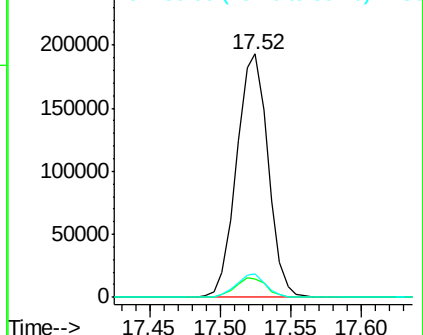
80 9.7 8.1 12.1



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: 3.414 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.45 min

Lab File: BG039876.D

Acq: 12 Mar 2019 16:15

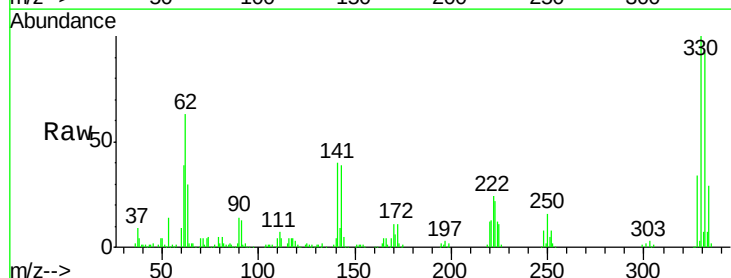
Tgt Ion:248 Resp: 11463

Ion Ratio Lower Upper

248 100

250 204.9 77.6 116.4#

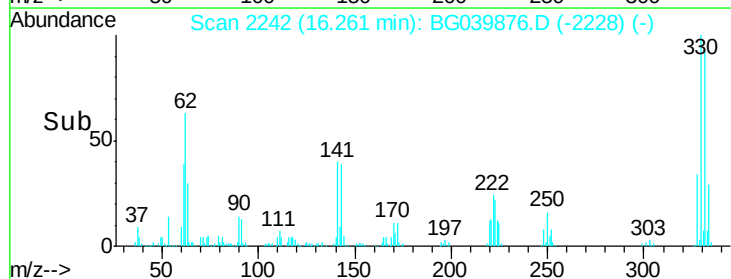
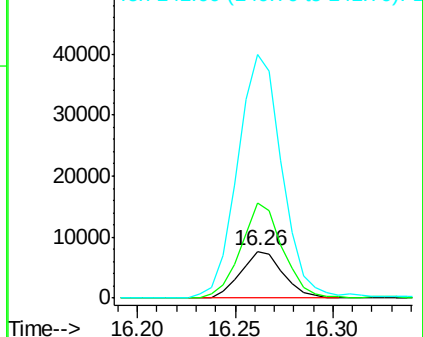
141 521.7 63.9 95.9#

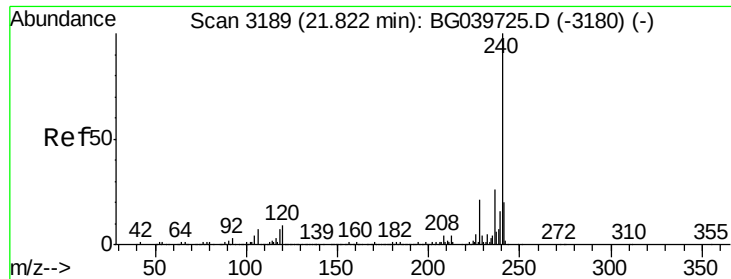


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

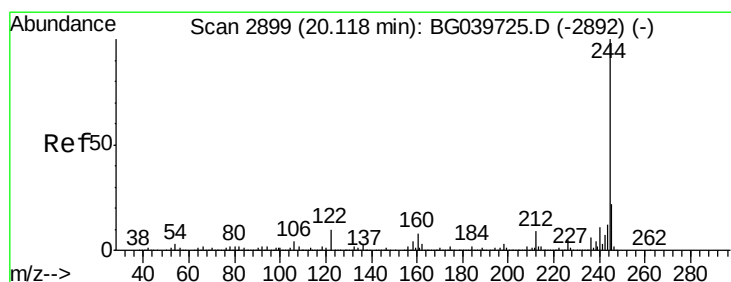
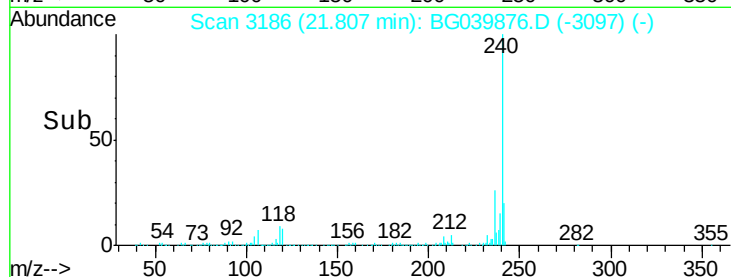
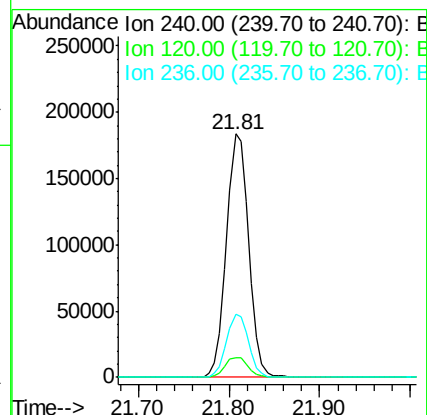
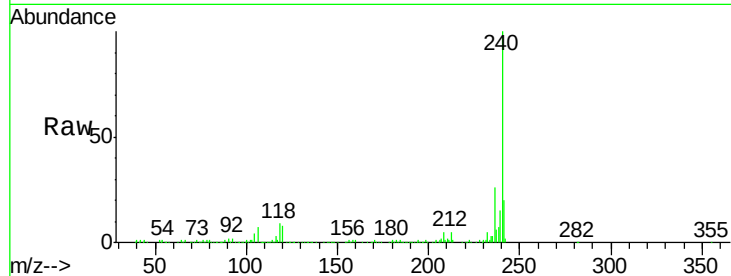




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.01 min
Lab File: BG039876.D
Acq: 12 Mar 2019 16:15

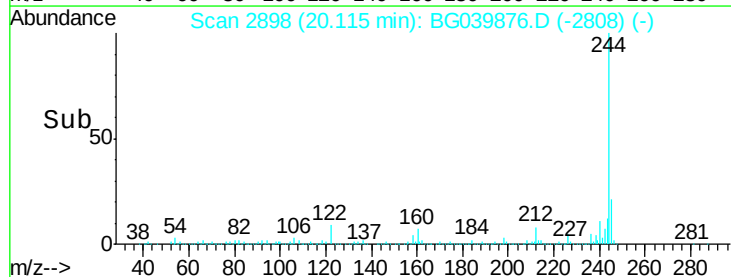
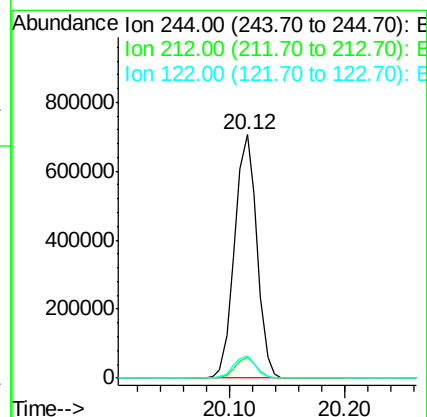
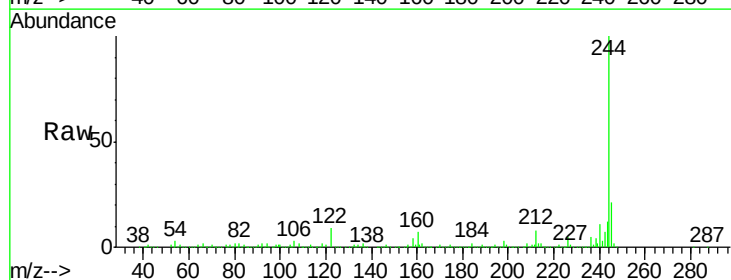
Instrument :
BNA_G
ClientSampleId :
ETGI-294

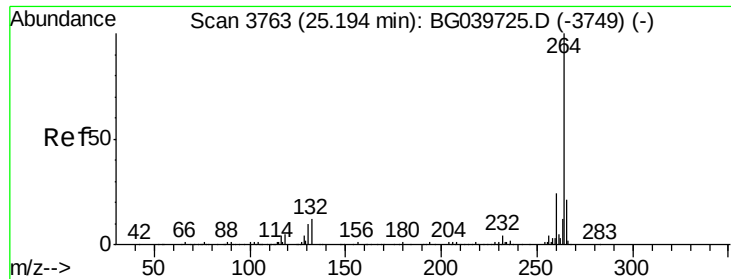
Tgt Ion:240 Resp: 312202
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.8 21.0 31.4



#79
Terphenyl-d14
Concen: 66.362 ng
RT: 20.12 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG039876.D
Acq: 12 Mar 2019 16:15

Tgt Ion:244 Resp: 940978
Ion Ratio Lower Upper
244 100
212 8.3 7.3 10.9
122 8.9 8.4 12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.01 min
Lab File: BG039876.D
Acq: 12 Mar 2019 16:15

Instrument :
BNA_G
ClientSampleId :
ETGI-294

Tgt Ion: 264 Resp: 304591
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 21.4 18.5 27.7

