

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039947.D
 Acq On : 15 Mar 2019 18:49
 Operator : JU/SJ
 Sample : K1909-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-02

Quant Time: Mar 16 04:09:32 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

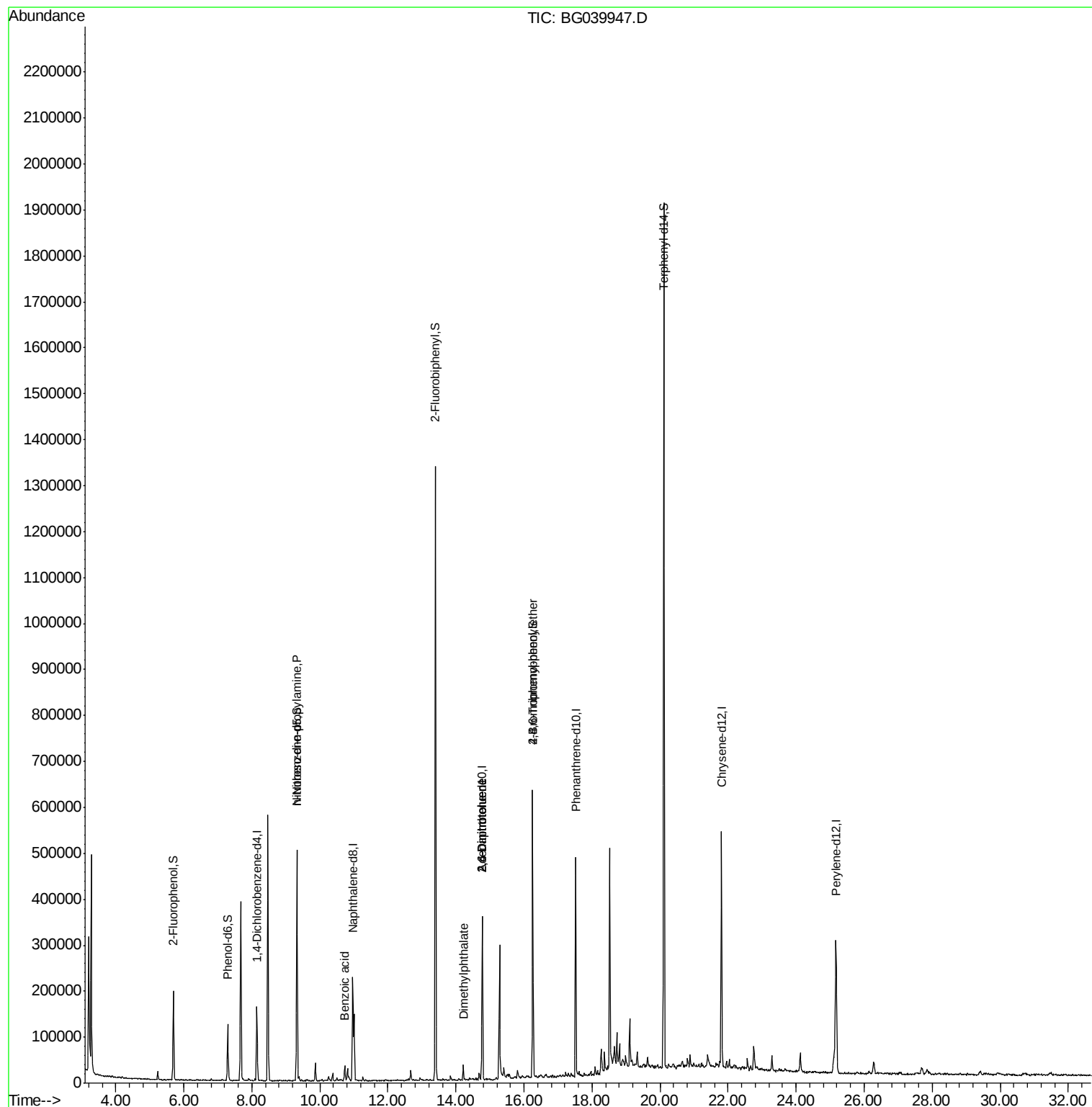
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	45286	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	197286	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	124014	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	293913	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	310377	20.00	ng	-0.02
87) Perylene-d12	25.17	264	323477	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	82541	31.09	ng	-0.02
7) Phenol-d6	7.29	99	69499	17.56	ng	-0.02
23) Nitrobenzene-d5	9.32	82	290268	79.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	108533	75.08	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	698241	80.17	ng	-0.02
79) Terphenyl-d14	20.11	244	904292	64.15	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	37536	13.176	ng	# 73
32) Benzoic acid	10.73	122	67	6.628	ng	# 1
50) Dimethylphthalate	14.22	163	22016	2.123	ng	99
51) 2,6-Dinitrotoluene	14.77	165	15840	7.205	ng	# 25
57) 2,4-Dinitrotoluene	14.77	165	15840	5.128	ng	# 20
67) 4-Bromophenyl-phenylether	16.26	248	8299	2.523	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
Data File : BG039947.D
Acq On : 15 Mar 2019 18:49
Operator : JU/SJ
Sample : K1909-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-02

Quant Time: Mar 16 04:09:32 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



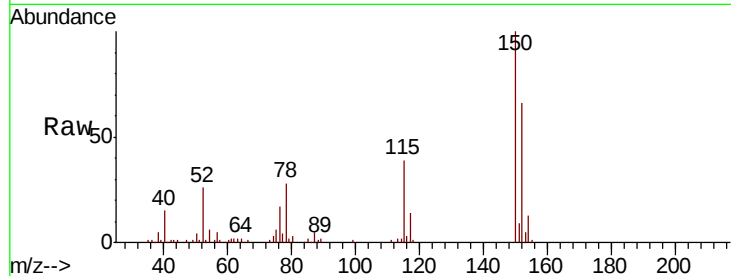


#1

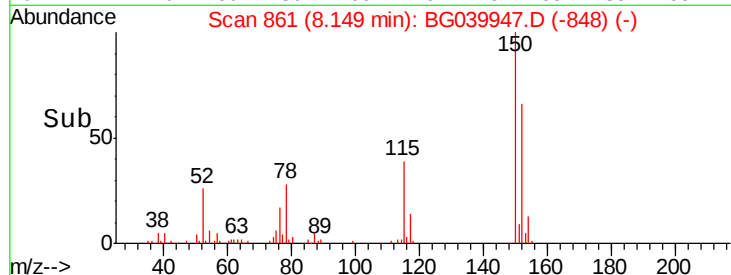
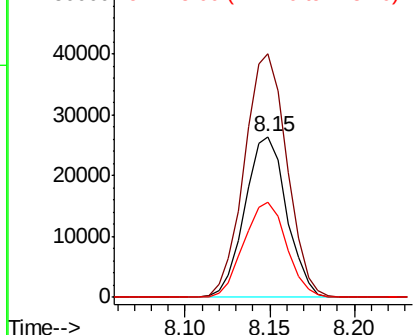
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039947.D
Acq: 15 Mar 2019 18:49

Instrument :
BNA_G
ClientSampleId :
MH-02

Tgt Ion:152 Resp: 45286
Ion Ratio Lower Upper
152 100
150 151.8 123.7 185.5
115 59.4 45.9 68.9



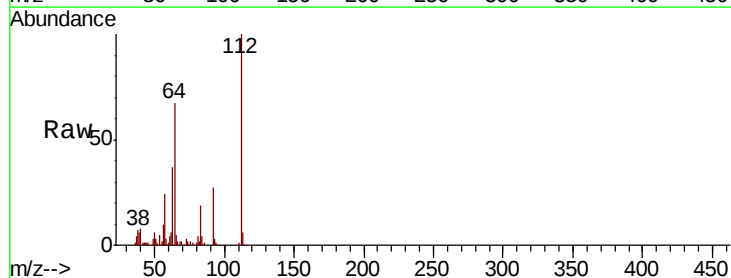
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



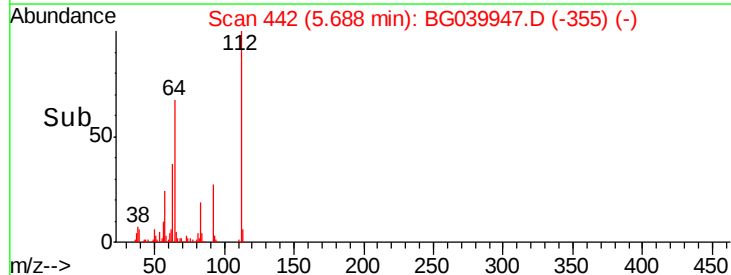
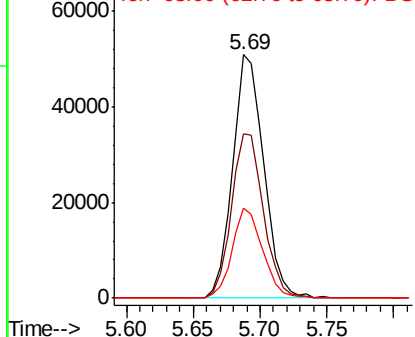
#5

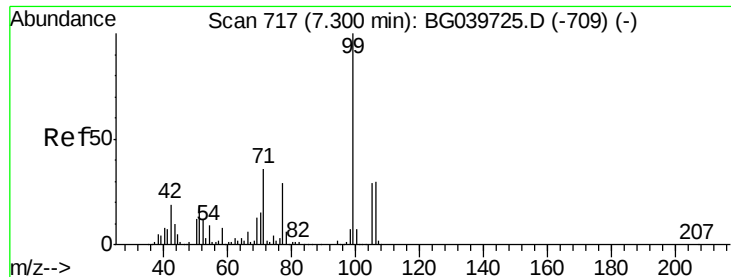
2-Fluorophenol
Concen: 31.095 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG039947.D
Acq: 15 Mar 2019 18:49

Tgt Ion:112 Resp: 82541
Ion Ratio Lower Upper
112 100
64 67.4 57.8 86.8
63 37.1 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: 17.559 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039947.D

Acq: 15 Mar 2019 18:49

Instrument :

BNA_G

ClientSampled :

MH-02

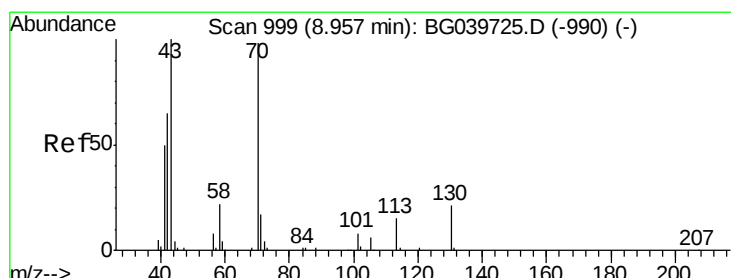
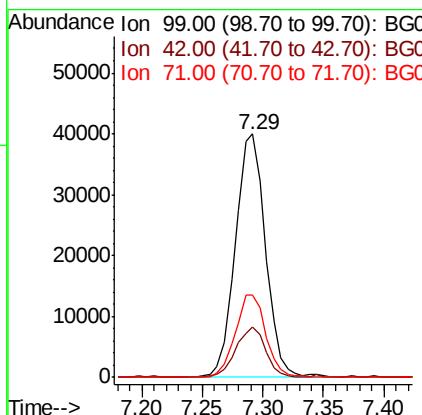
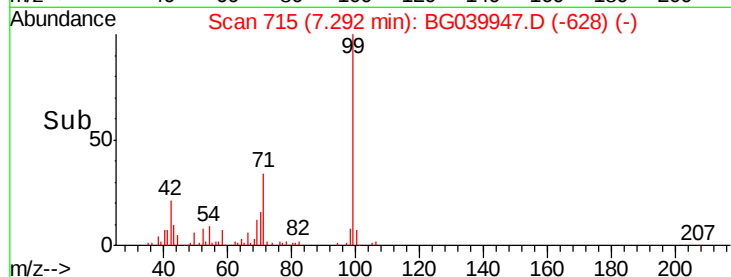
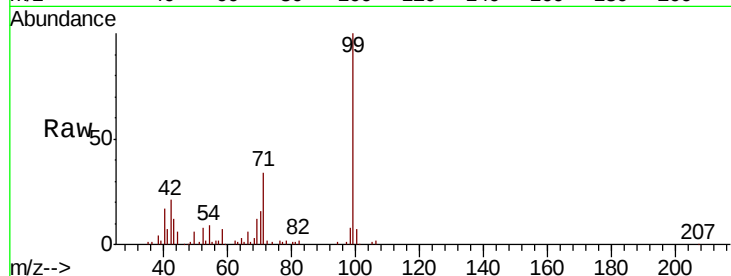
Tgt Ion: 99 Resp: 69499

Ion Ratio Lower Upper

99 100

42 20.8 18.2 27.2

71 33.7 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.176 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG039947.D

Acq: 15 Mar 2019 18:49

Tgt Ion: 70 Resp: 37536

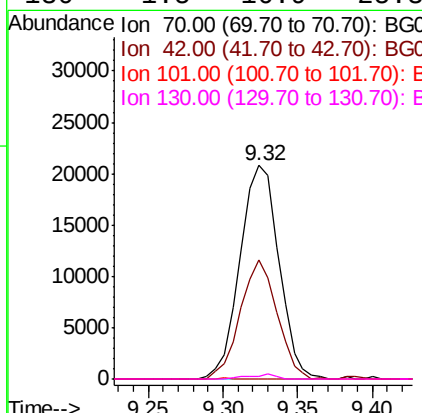
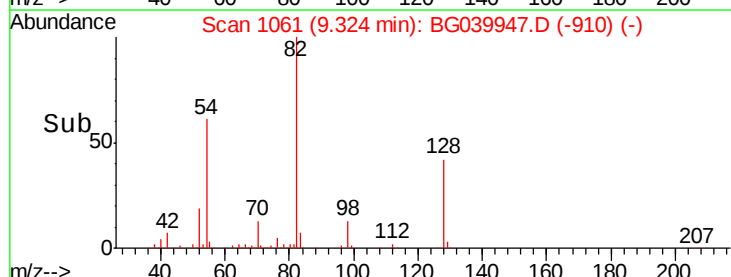
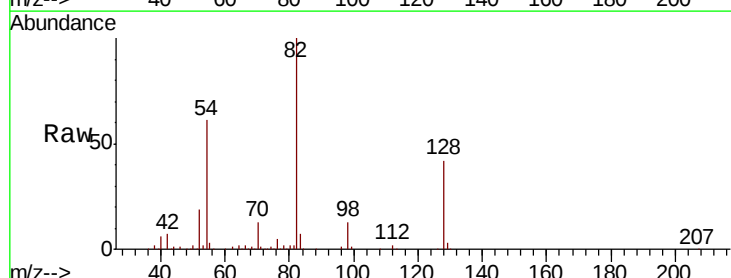
Ion Ratio Lower Upper

70 100

42 55.7 60.4 90.6#

101 0.0 7.5 11.3#

130 1.5 16.9 25.3#

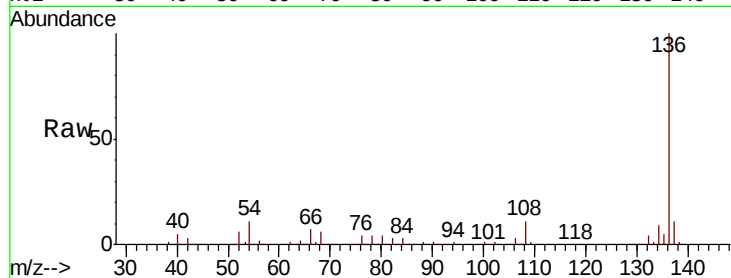




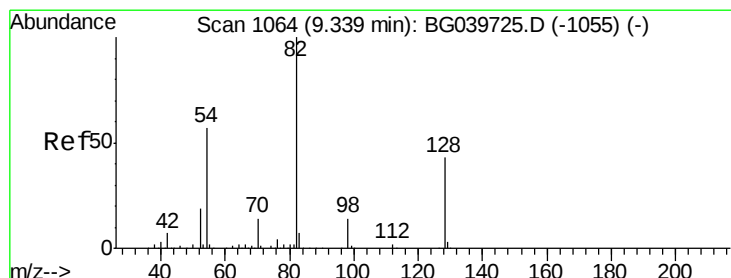
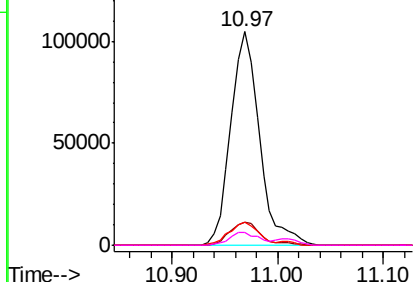
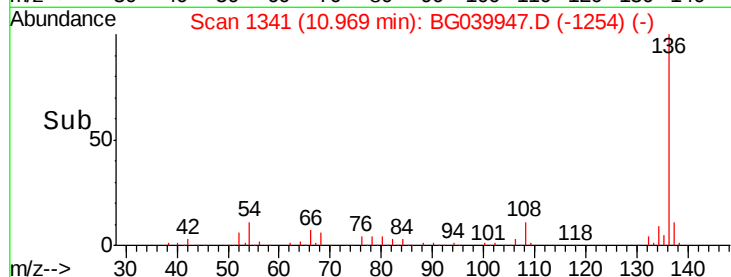
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039947.D
Acq: 15 Mar 2019 18:49

Instrument :
BNA_G
ClientSampleId :
MH-02

Tgt Ion:	136	Resp:	197286
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.9	9.4	14.2
68	5.7	4.2	6.4

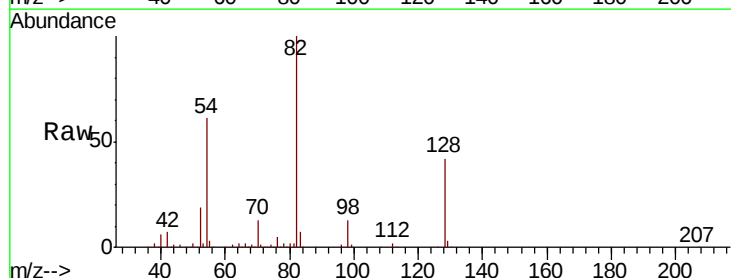


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

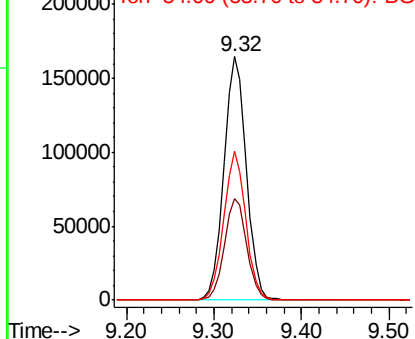
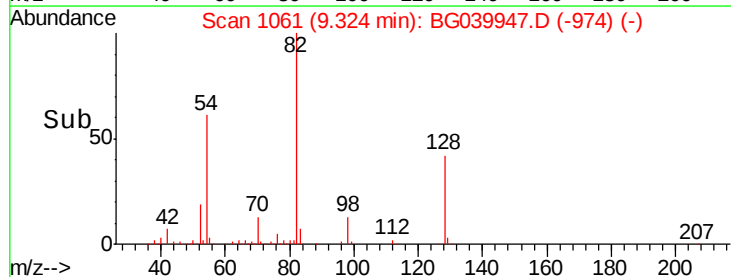


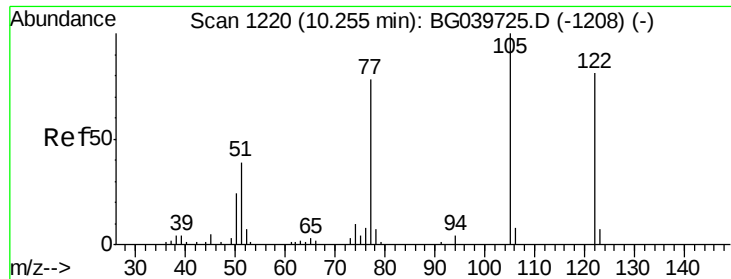
#23
Nitrobenzene-d5
Concen: 79.574 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039947.D
Acq: 15 Mar 2019 18:49

Tgt Ion:	82	Resp:	290268
Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.3	46.9
54	61.0	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

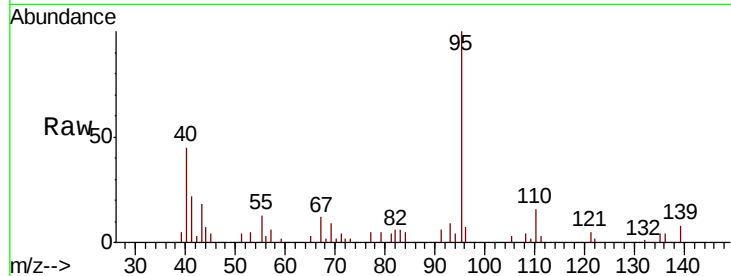




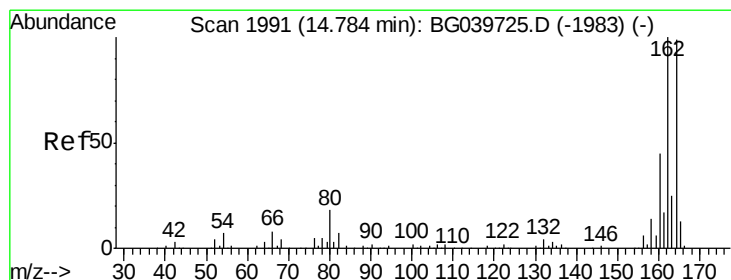
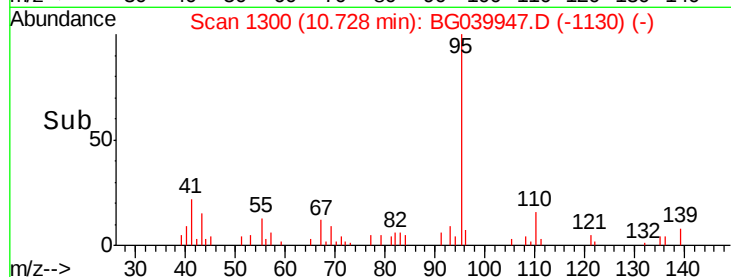
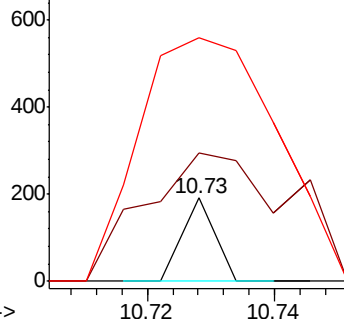
#32
Benzoic acid
Concen: 6.628 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.47 min
Lab File: BG039947.D
Acq: 15 Mar 2019 18:49

Instrument :
BNA_G
ClientSampleId :
MH-02

Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 153.9 101.8 141.8#
77 292.7 76.3 116.3#

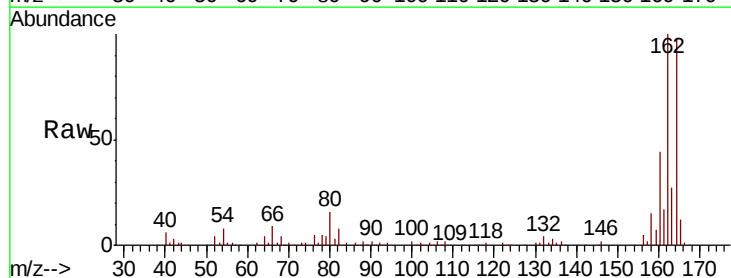


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

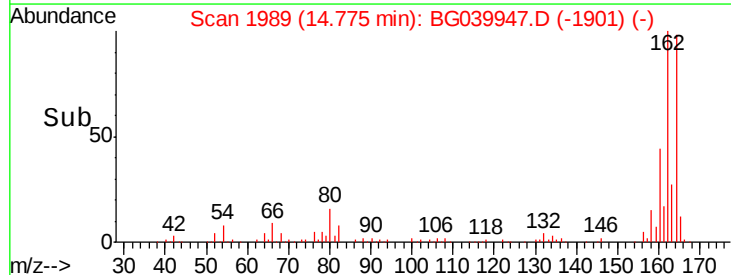
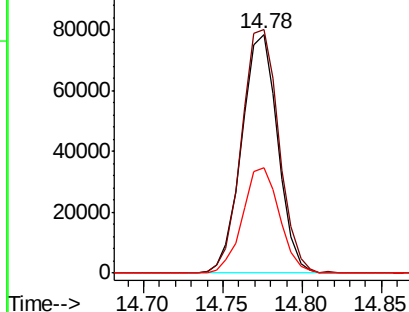


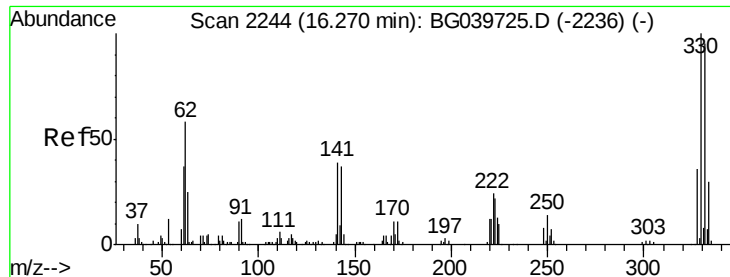
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039947.D
Acq: 15 Mar 2019 18:49

Tgt Ion:164 Resp: 124014
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 44.4 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

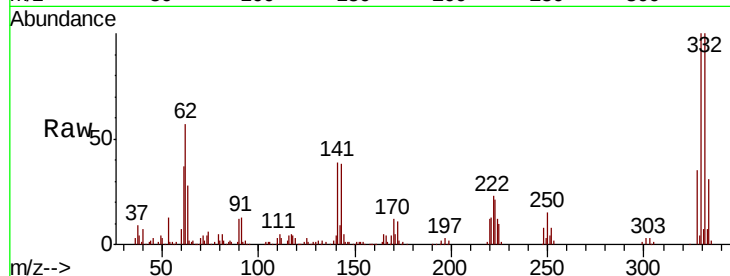




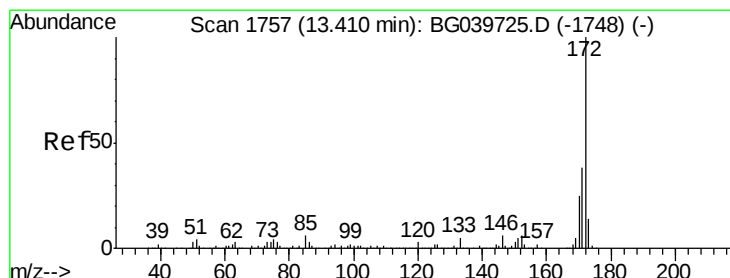
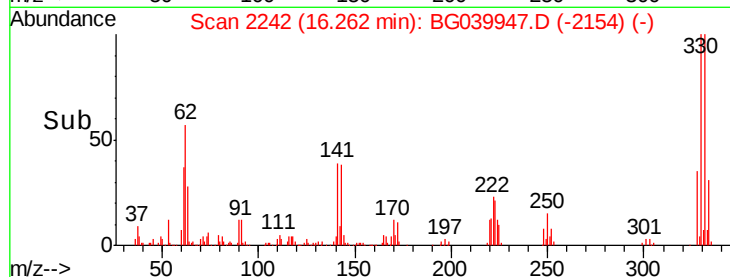
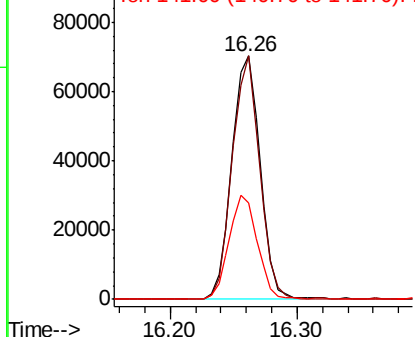
#42
 2,4,6-Tribromophenol
 Concen: 75.085 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039947.D
 Acq: 15 Mar 2019 18:49

Instrument :
 BNA_G
 ClientSampleId :
 MH-02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.7	113.5
141	43.0	35.6	53.4

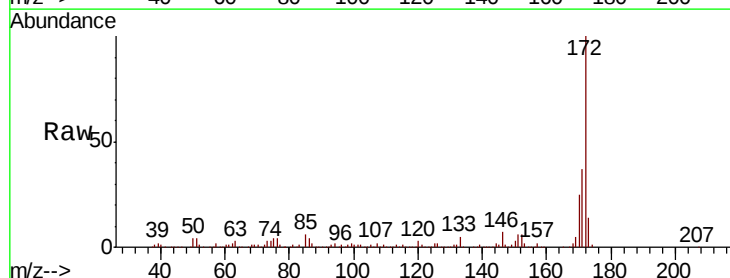


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

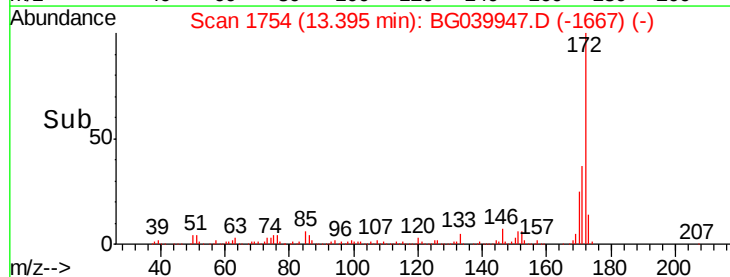
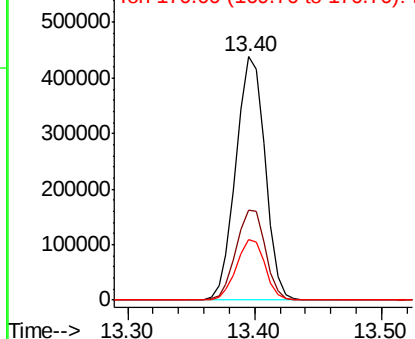


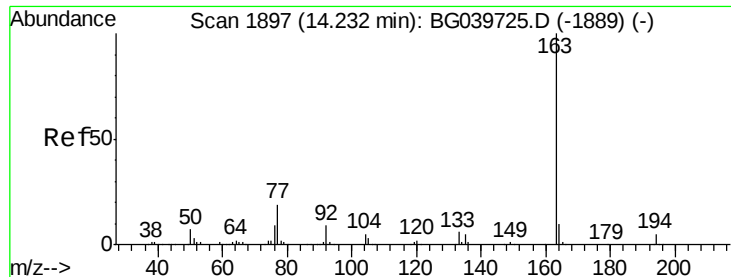
#45
 2-Fluorobiphenyl
 Concen: 80.166 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039947.D
 Acq: 15 Mar 2019 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	25.0	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: 2.123 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG039947.D

Acq: 15 Mar 2019 18:49

Instrument :

BNA_G

ClientSampleId :

MH-02

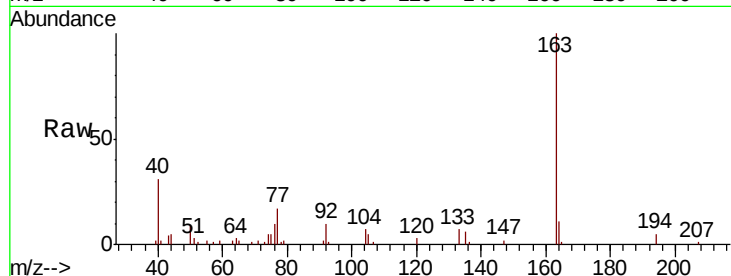
Tgt Ion:163 Resp: 22016

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

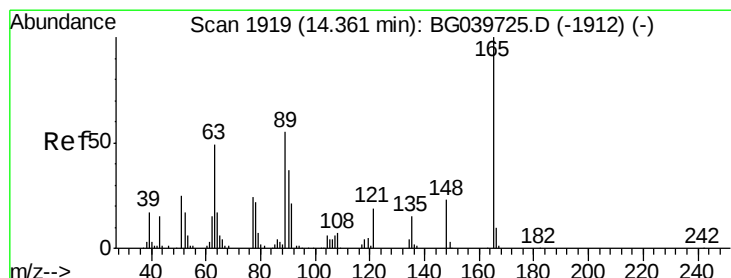
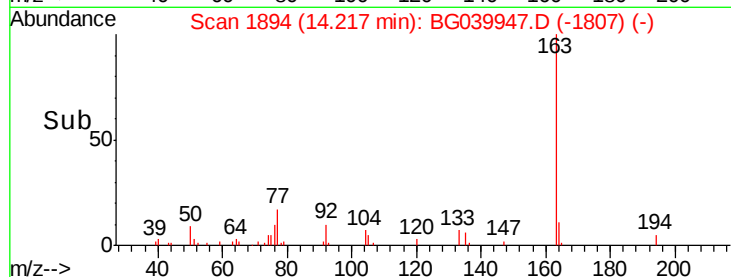
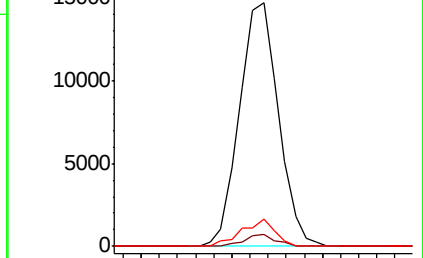
164 11.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.205 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.40 min

Lab File: BG039947.D

Acq: 15 Mar 2019 18:49

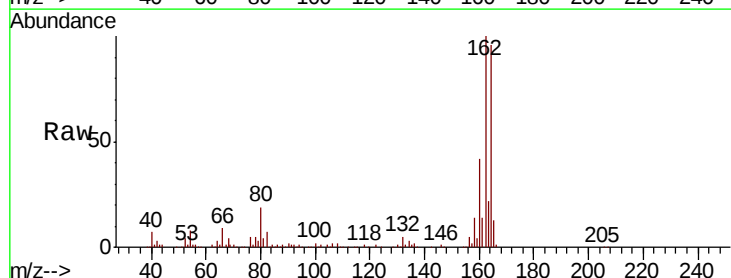
Tgt Ion:165 Resp: 15840

Ion Ratio Lower Upper

165 100

63 2.0 47.0 70.6#

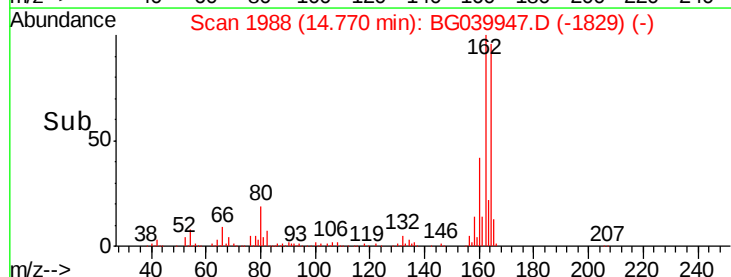
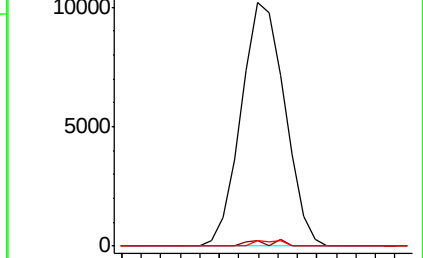
89 2.2 45.8 68.8#

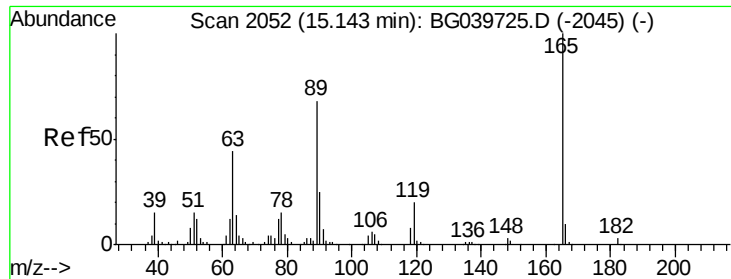


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

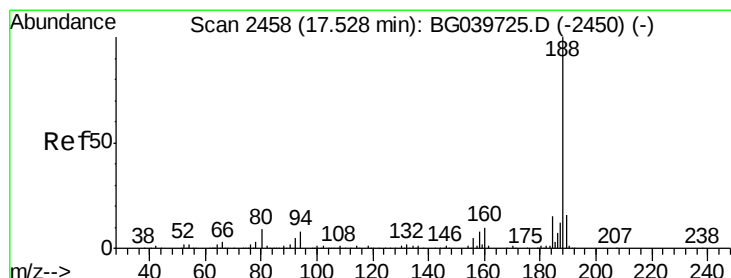
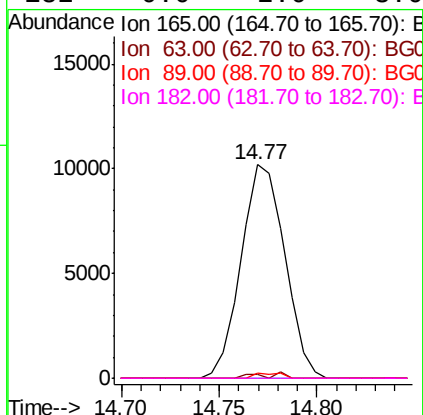
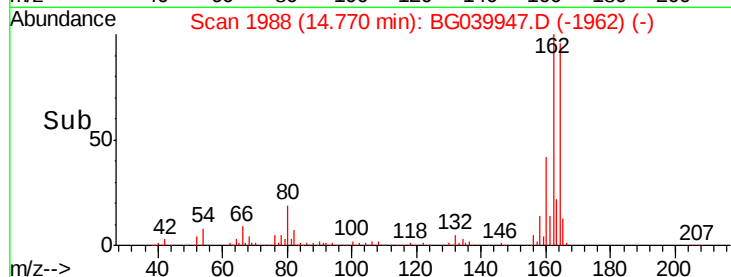
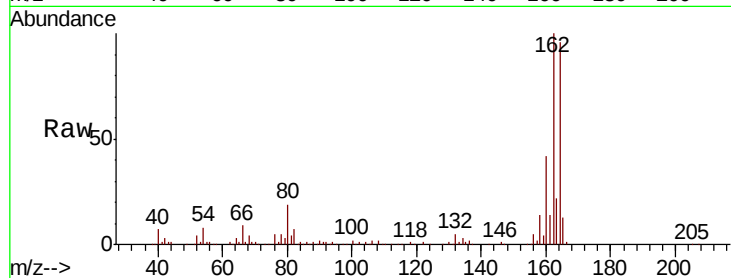




#57
 2,4-Dinitrotoluene
 Concen: 5.128 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG039947.D
 Acq: 15 Mar 2019 18:49

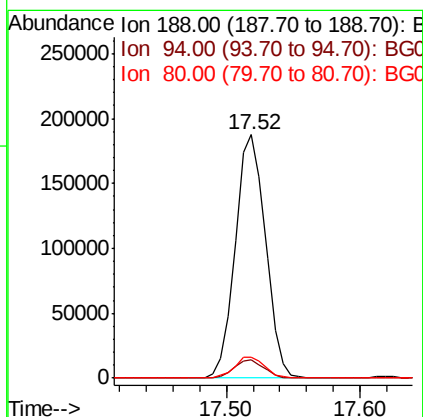
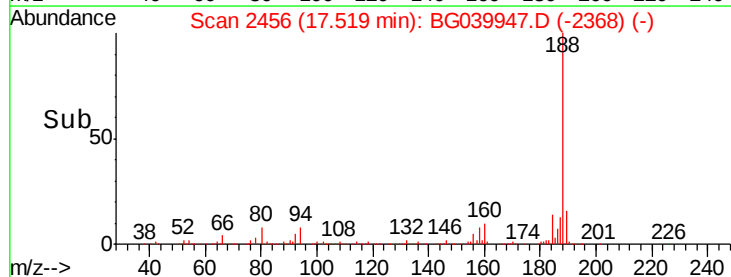
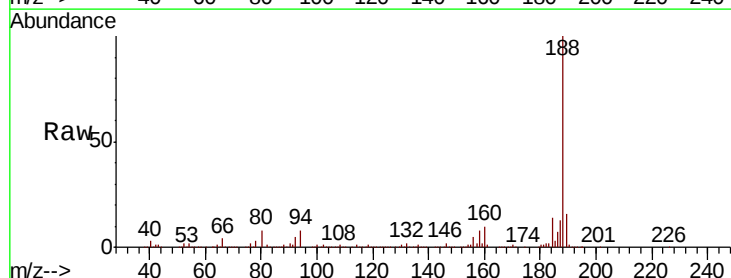
Instrument :
 BNA_G
 ClientSampleId :
 MH-02

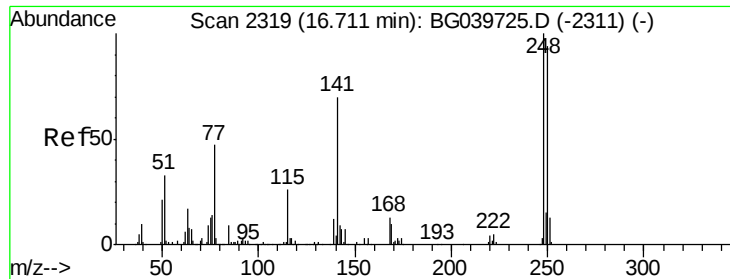
Tgt Ion:	165	Resp:	15840
Ion	Ratio	Lower	Upper
165	100		
63	2.0	41.0	61.6#
89	2.2	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039947.D
 Acq: 15 Mar 2019 18:49

Tgt Ion:	188	Resp:	293913
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.5	8.1	12.1

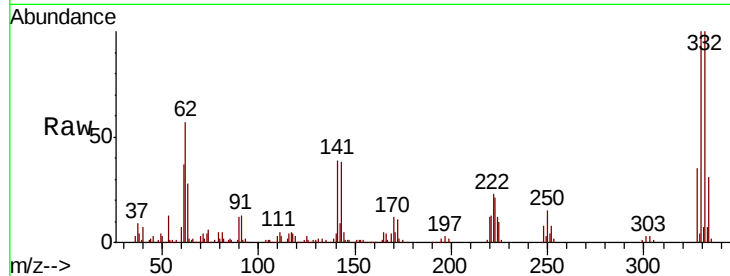




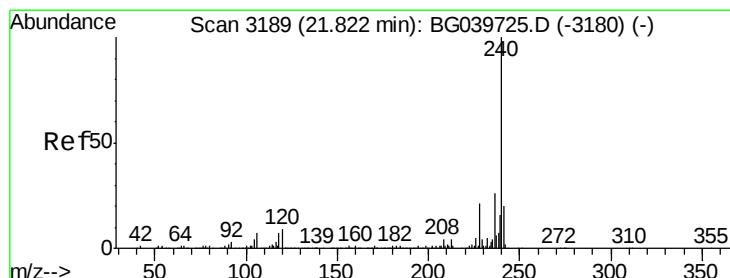
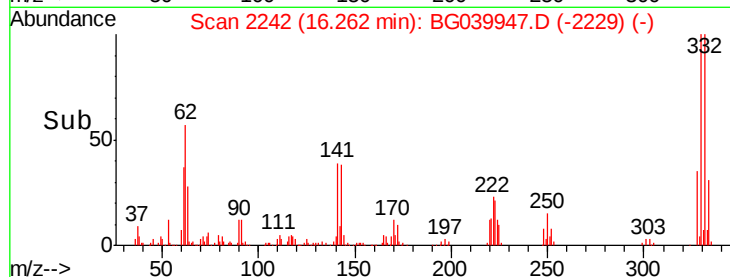
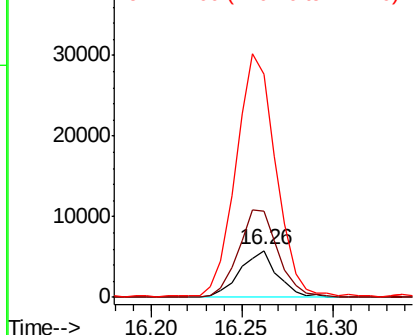
#67
 4-Bromophenyl-phenylether
 Concen: 2.523 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.46 min
 Lab File: BG039947.D
 Acq: 15 Mar 2019 18:49

Instrument :
 BNA_G
 ClientSampleId :
 MH-02

Tgt Ion:248 Resp: 8299
 Ion Ratio Lower Upper
 248 100
 250 184.5 77.6 116.4#
 141 480.1 63.9 95.9#

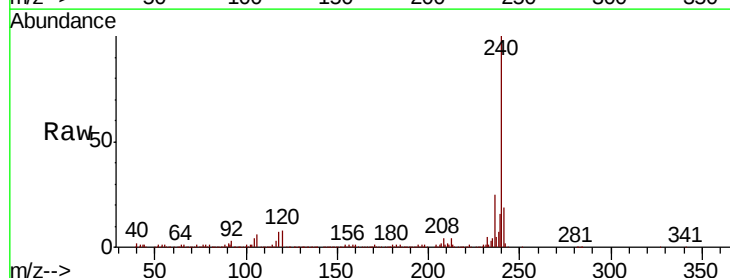


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

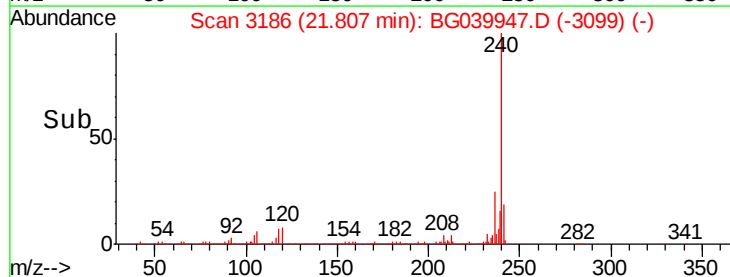
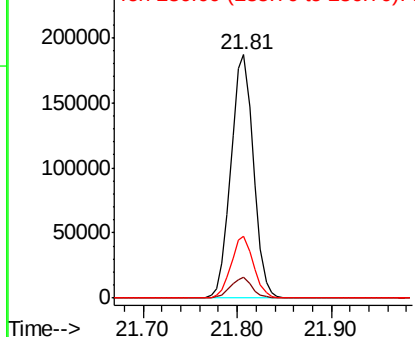


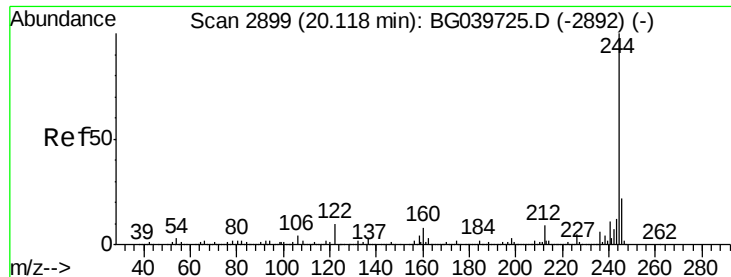
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. -0.02 min
 Lab File: BG039947.D
 Acq: 15 Mar 2019 18:49

Tgt Ion:240 Resp: 310377
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.0 10.6
 236 25.3 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: 64.150 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039947.D

Acq: 15 Mar 2019 18:49

Instrument :

BNA_G

ClientSampleId :

MH-02

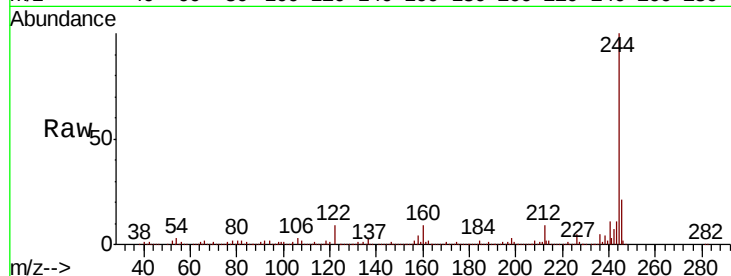
Tgt Ion:244 Resp: 904292

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

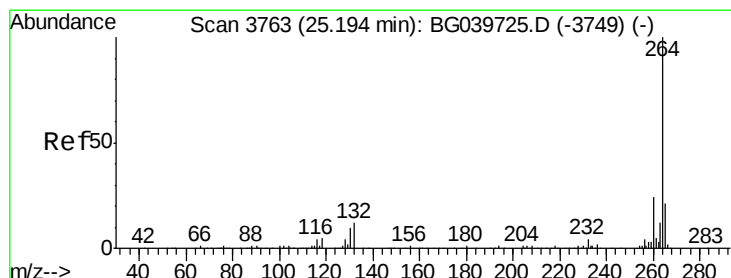
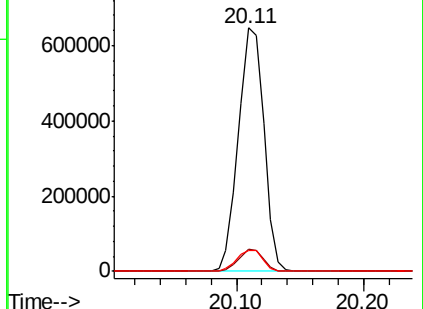
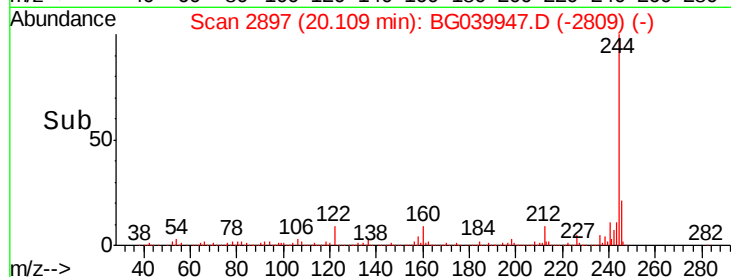
122 8.8 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039947.D

Acq: 15 Mar 2019 18:49

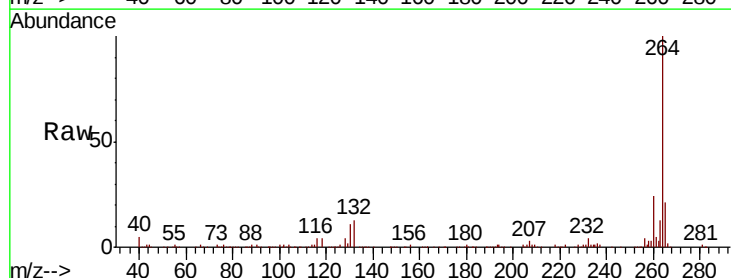
Tgt Ion:264 Resp: 323477

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 21.3 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

