

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
 Data File : BG037060.D
 Acq On : 28 Sep 2018 21:39
 Operator : JU/SJ
 Sample : J4776-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-092718-B

Quant Time: Sep 29 06:13:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

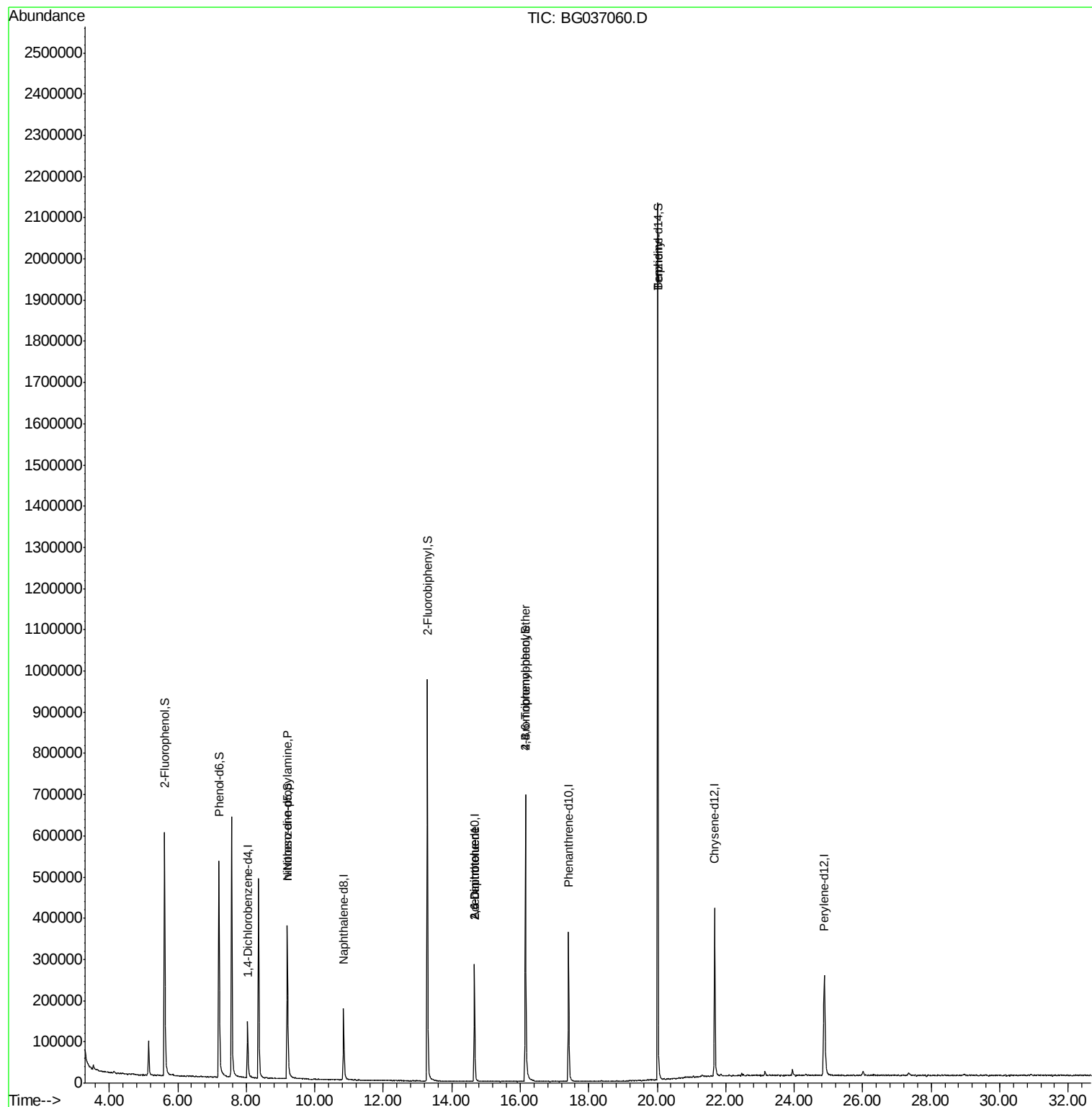
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44072	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	173183	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	104595	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	265205	20.00	ng	0.00
75) Chrysene-d12	21.68	240	288297	20.00	ng	-0.01
86) Perylene-d12	24.87	264	283900	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	281931	122.68	ng	0.00
7) Phenol-d6	7.20	99	341478	96.04	ng	-0.01
23) Nitrobenzene-d5	9.20	82	284344	87.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	142179	113.61	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	566242	80.63	ng	-0.01
78) Terphenyl-d14	20.02	244	1012612	92.36	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	38299	12.949	ng	# 73
50) 2,6-Dinitrotoluene	14.66	165	13455	7.325	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	13455	5.249	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	9847	3.264	ng	# 1
76) Benzidine	20.02	184	17434	2.000	ng	# 92

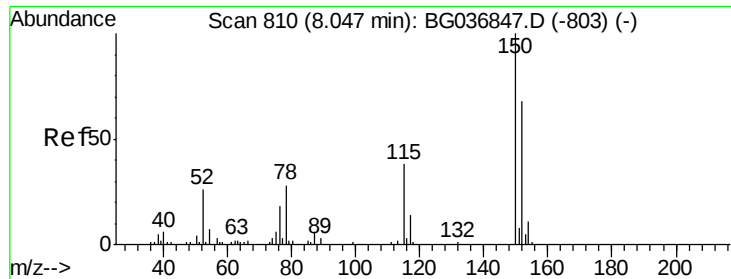
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037060.D

Acq: 28 Sep 2018 21:39

Instrument :

BNA_G

ClientSampleId :

EO-01-092718-B

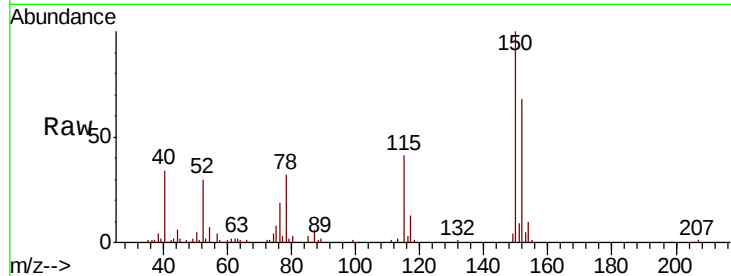
Tgt Ion:152 Resp: 44072

Ion Ratio Lower Upper

152 100

150 147.0 119.5 179.3

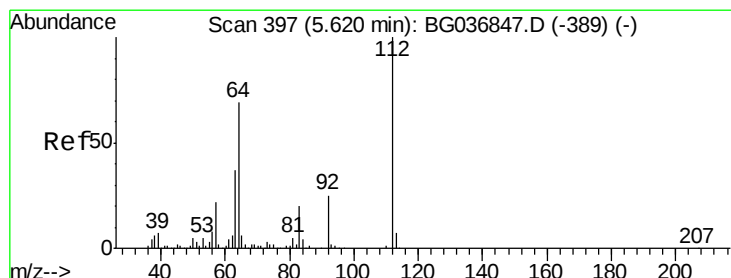
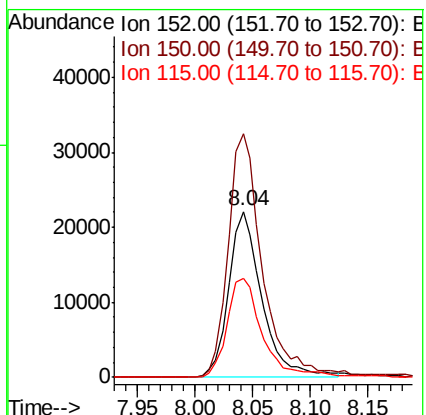
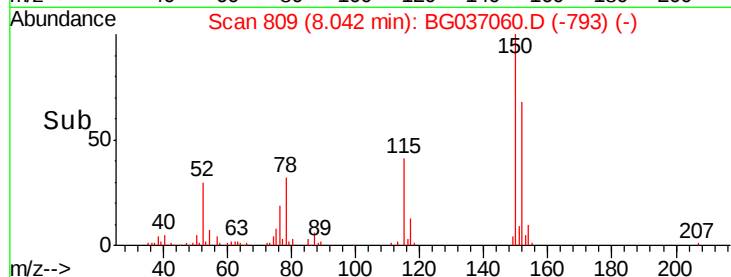
115 60.1 44.5 66.7



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: 122.682 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037060.D

Acq: 28 Sep 2018 21:39

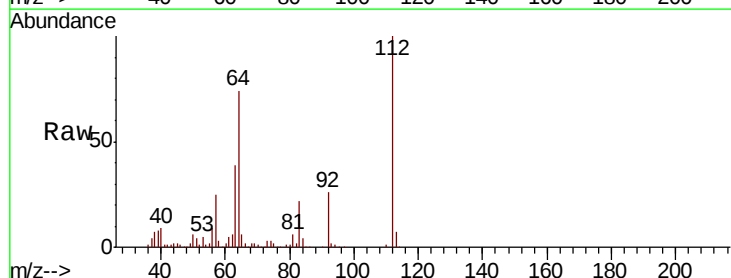
Tgt Ion:112 Resp: 281931

Ion Ratio Lower Upper

112 100

64 74.3 57.2 85.8

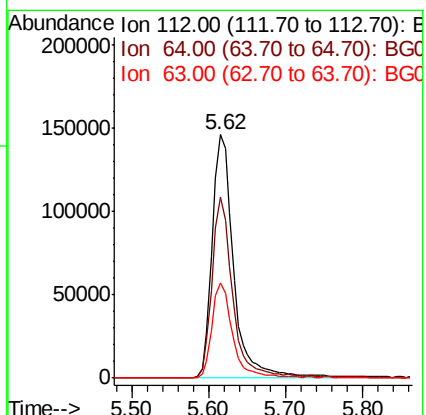
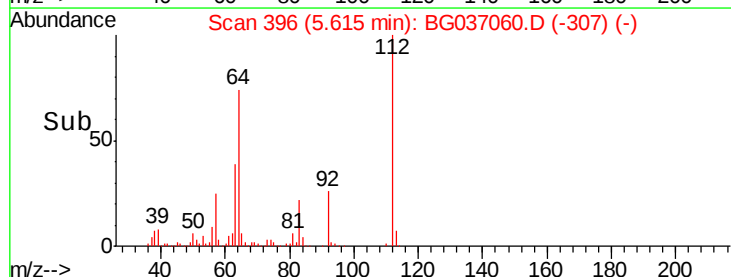
63 39.2 30.8 46.2

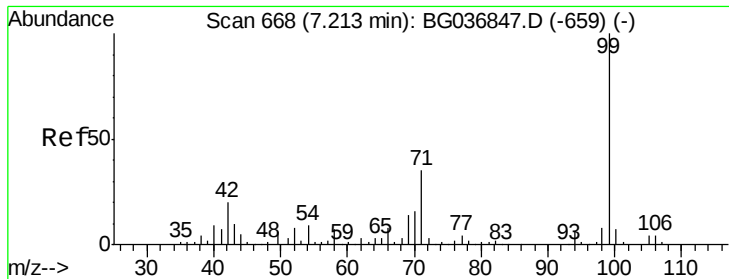


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 96.042 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037060.D

Acq: 28 Sep 2018 21:39

Instrument :

BNA_G

ClientSampleId :

EO-01-092718-B

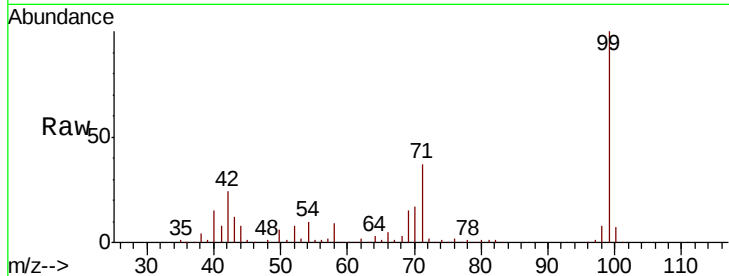
Tgt Ion: 99 Resp: 341478

Ion Ratio Lower Upper

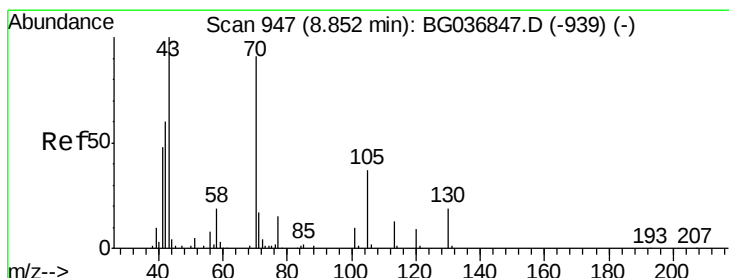
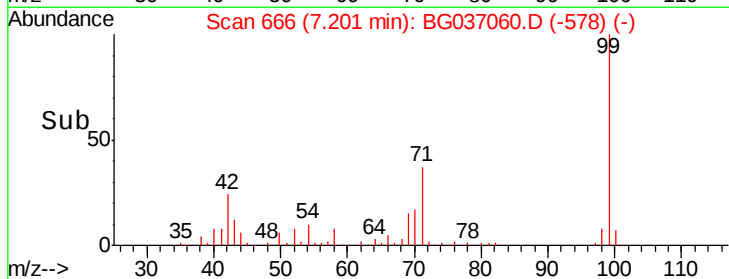
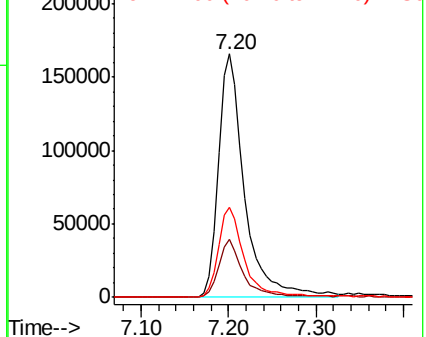
99 100

42 23.7 16.5 24.7

71 37.0 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 12.949 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037060.D

Acq: 28 Sep 2018 21:39

Tgt Ion: 70 Resp: 38299

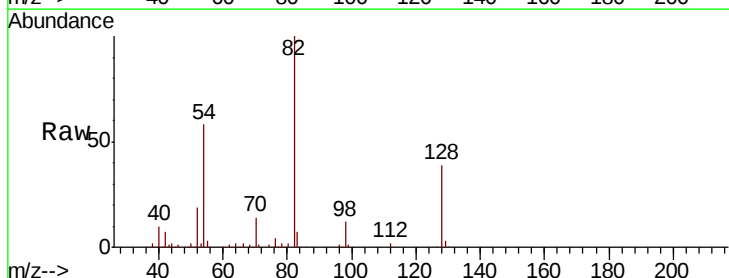
Ion Ratio Lower Upper

70 100

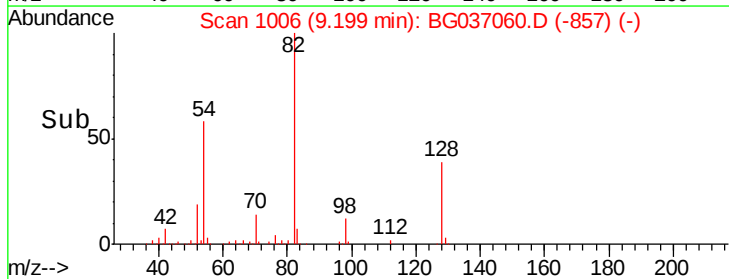
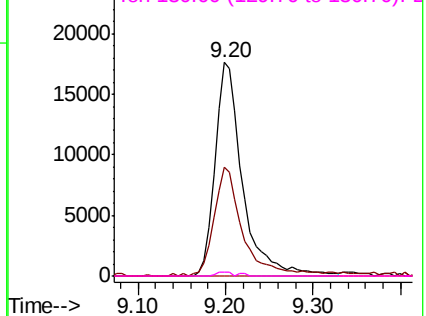
42 51.0 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

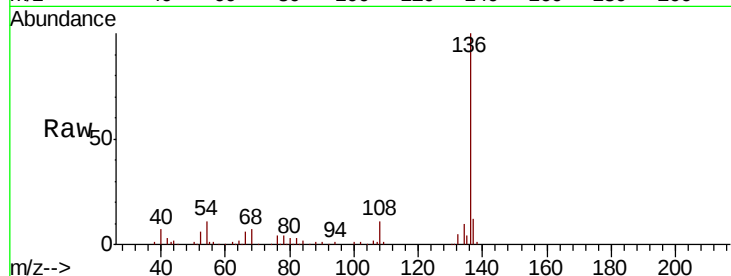




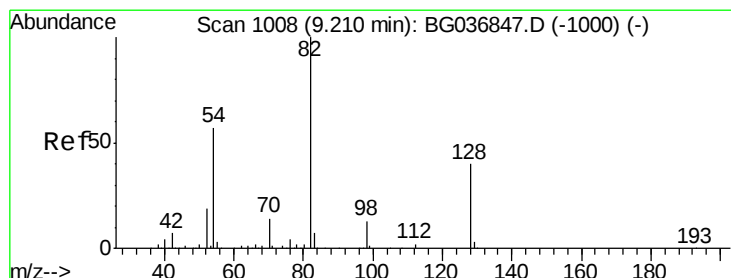
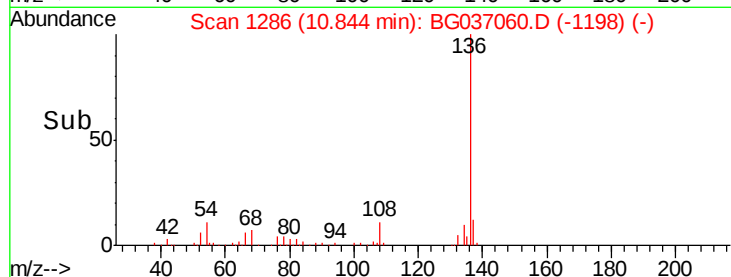
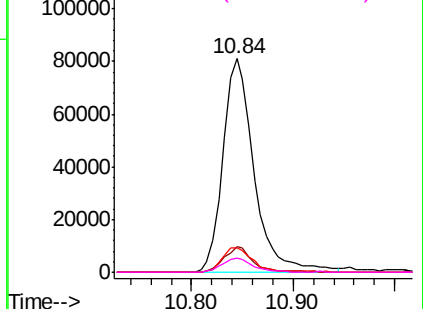
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

Instrument :
BNA_G
ClientSampleId :
EO-01-092718-B

Tgt Ion:	136	Resp:	173183
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	11.2	9.2	13.8
68	6.7	5.8	8.6

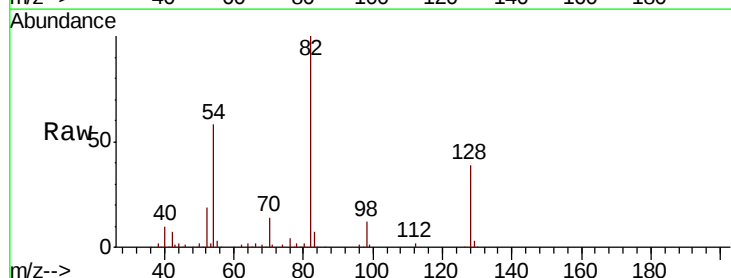


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

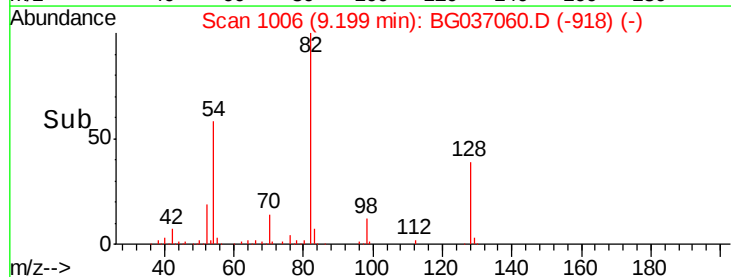
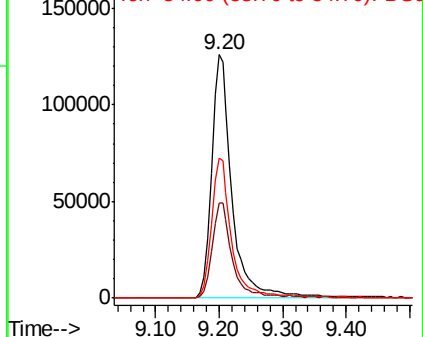


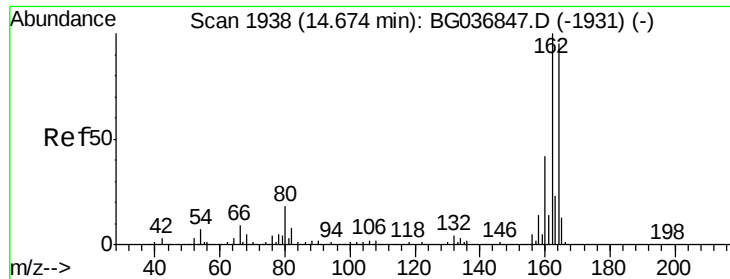
#23
Nitrobenzene-d5
Concen: 87.924 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

Tgt Ion:	82	Resp:	284344
Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.3	49.9
54	57.6	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037060.D

Acq: 28 Sep 2018 21:39

Instrument :

BNA_G

ClientSampleId :

EO-01-092718-B

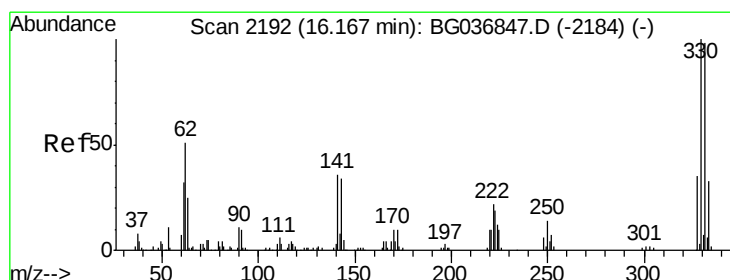
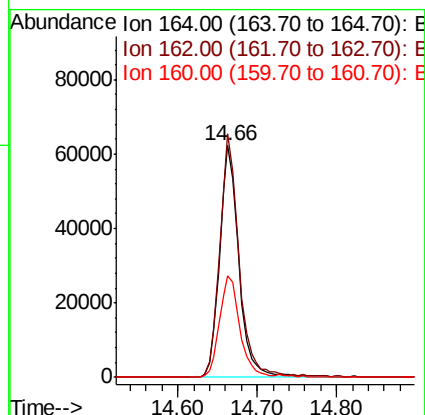
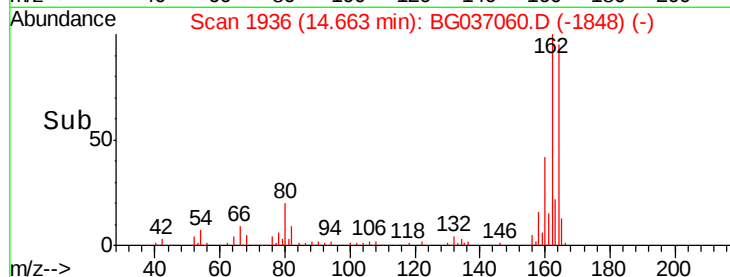
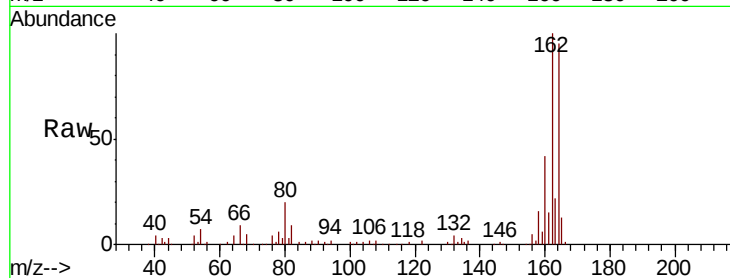
Tgt Ion:164 Resp: 104595

Ion Ratio Lower Upper

164 100

162 105.0 80.7 121.1

160 44.0 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 113.615 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037060.D

Acq: 28 Sep 2018 21:39

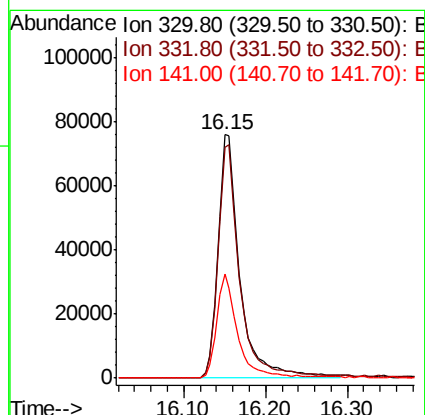
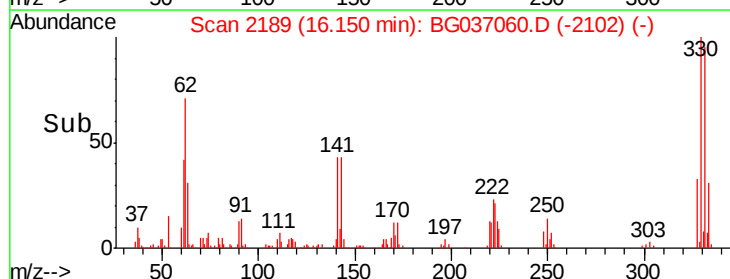
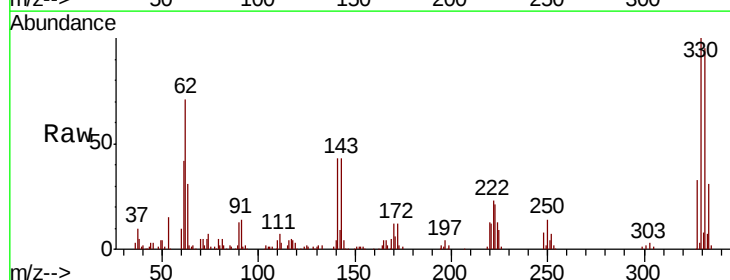
Tgt Ion:330 Resp: 142179

Ion Ratio Lower Upper

330 100

332 96.2 75.4 113.2

141 40.8 30.7 46.1

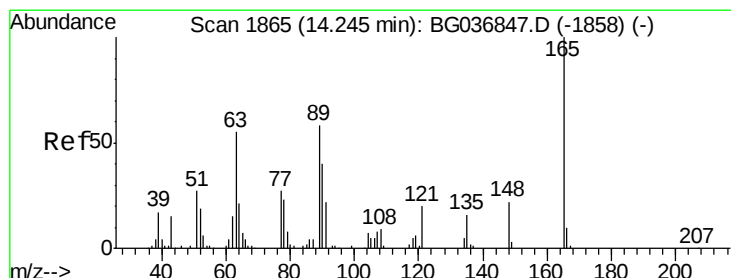
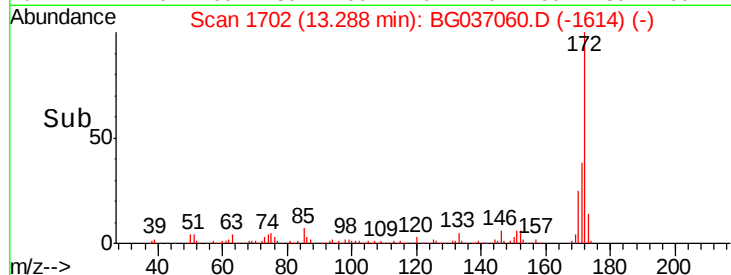
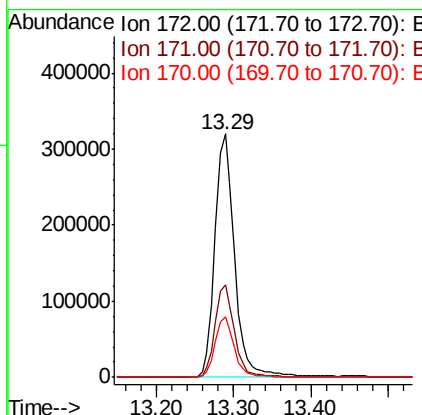
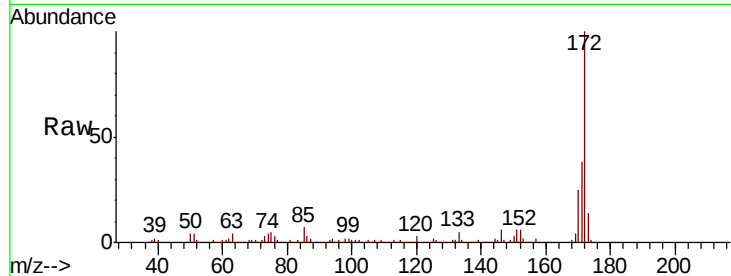




#44
 2-Fluorobiphenyl
 Concen: 80.631 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037060.D
 Acq: 28 Sep 2018 21:39

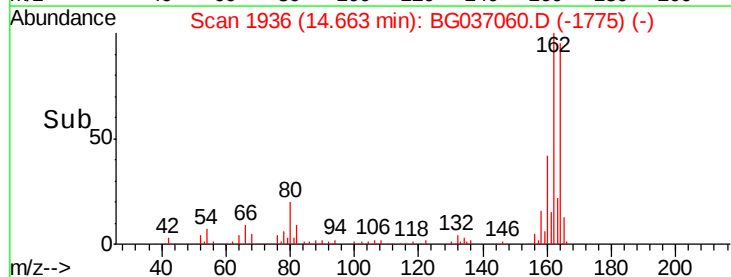
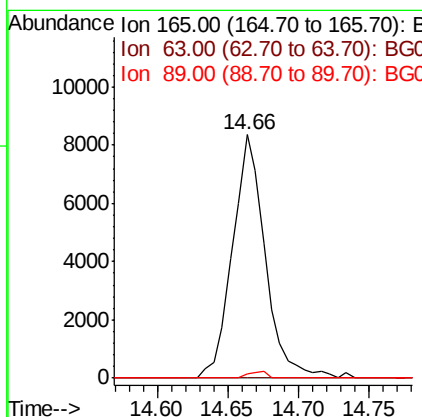
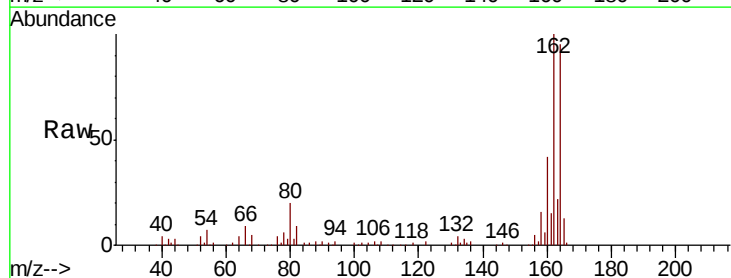
Instrument :
 BNA_G
 ClientSampleId :
 EO-01-092718-B

Tgt Ion:172 Resp: 566242
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.3 46.9
 170 24.7 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.325 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037060.D
 Acq: 28 Sep 2018 21:39

Tgt Ion:165 Resp: 13455
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 1.9 47.8 71.6#

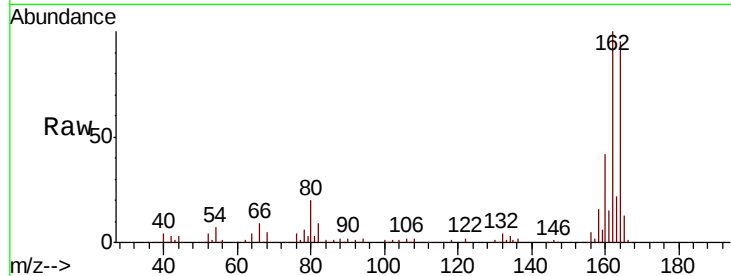




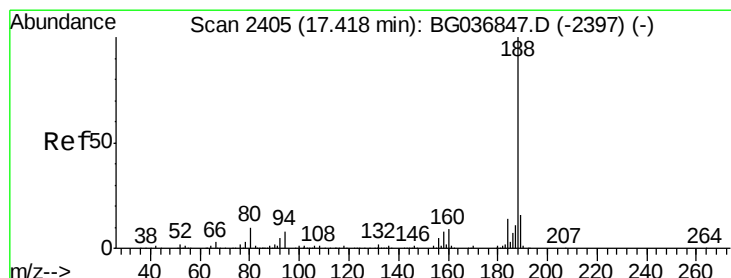
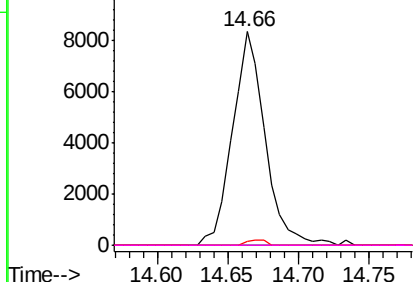
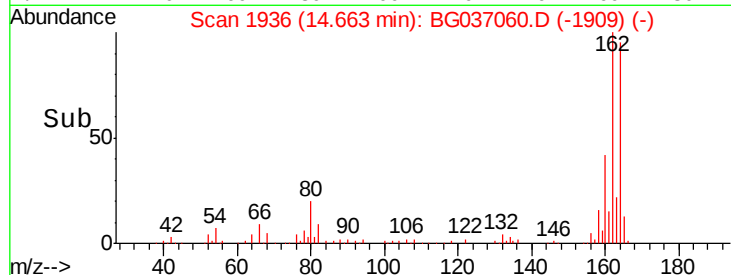
#56
 2,4-Dinitrotoluene
 Concen: 5.249 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037060.D
 Acq: 28 Sep 2018 21:39

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-092718-B

Tgt Ion:	165	Resp:	13455
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.9	63.7	95.5#
182	0.0	2.5	3.7#

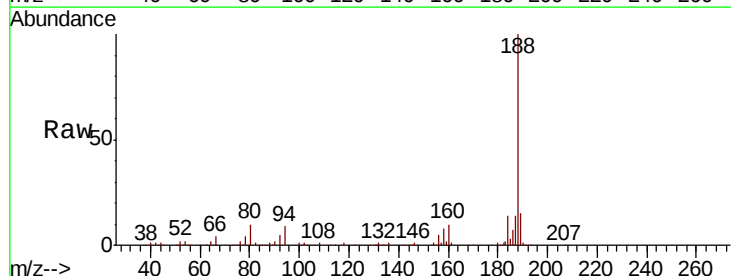


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

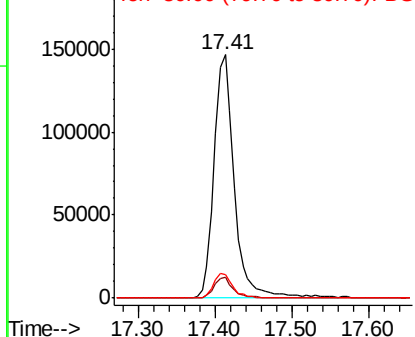
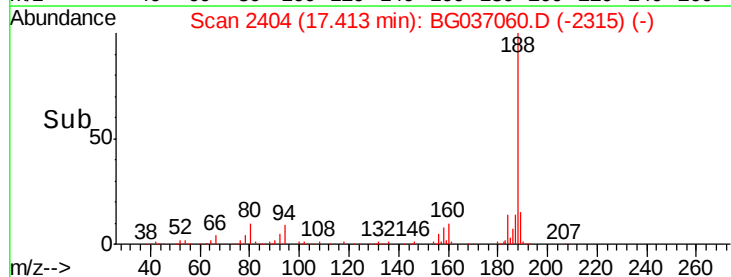


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG037060.D
 Acq: 28 Sep 2018 21:39

Tgt Ion:	188	Resp:	265205
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	9.8	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

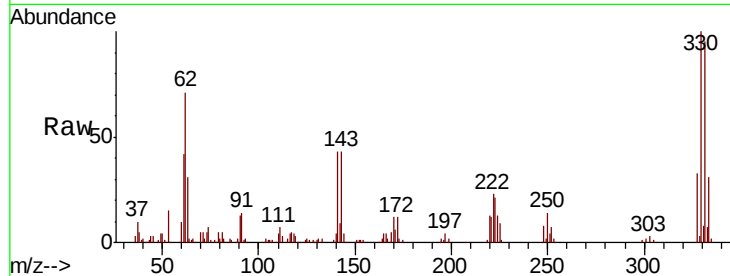




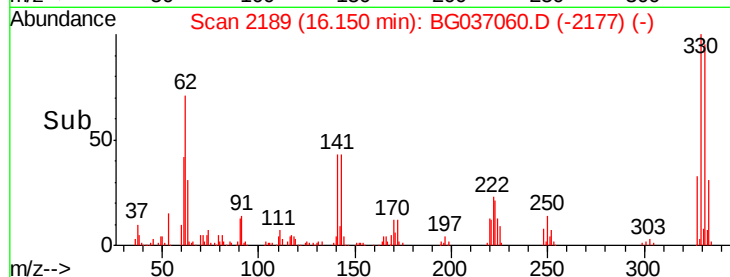
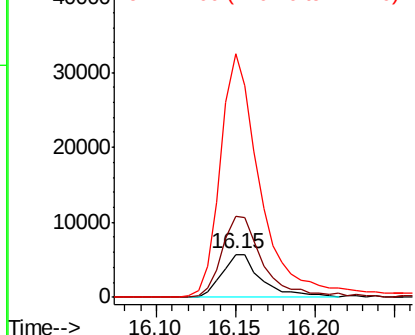
#66
4-Bromophenyl-phenylether
Concen: 3.264 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

Instrument :
BNA_G
ClientSampleId :
EO-01-092718-B

Tgt Ion:248 Resp: 9847
Ion Ratio Lower Upper
248 100
250 189.7 78.1 117.1#
141 566.7 53.7 80.5#

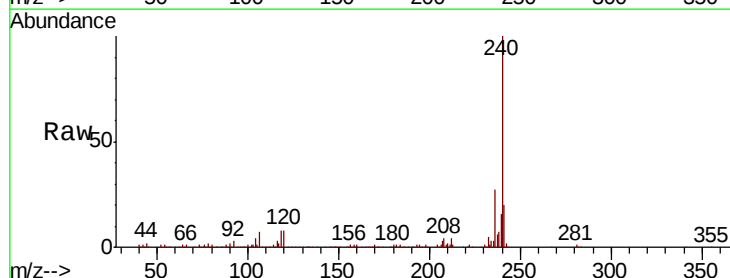


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

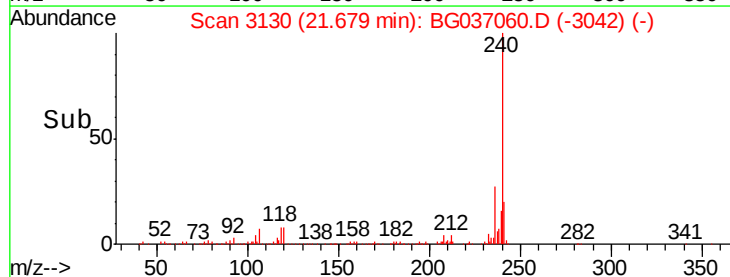
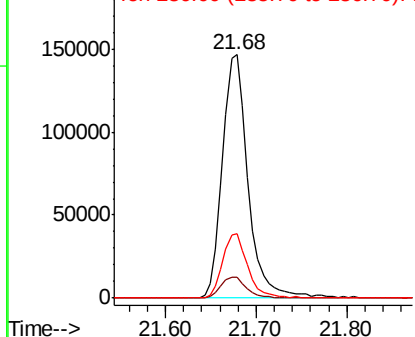


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

Tgt Ion:240 Resp: 288297
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 26.6 21.2 31.8



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

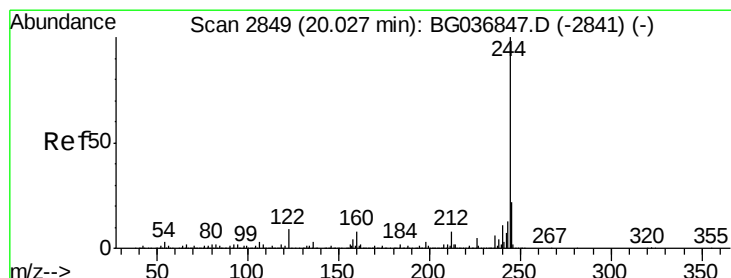
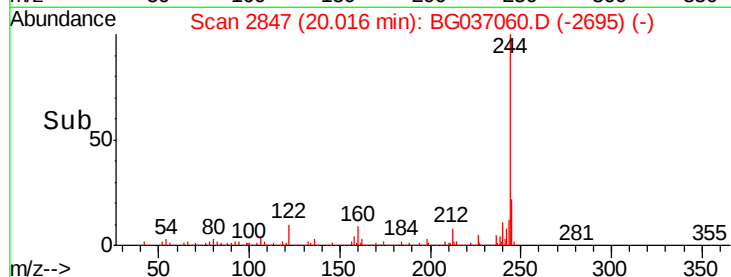
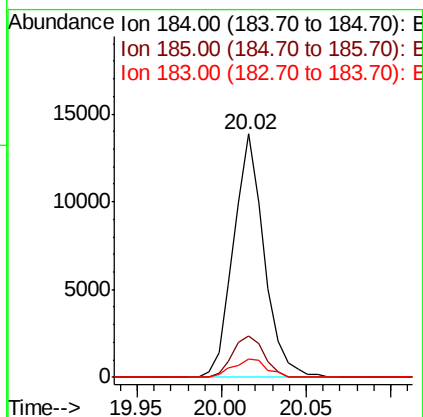
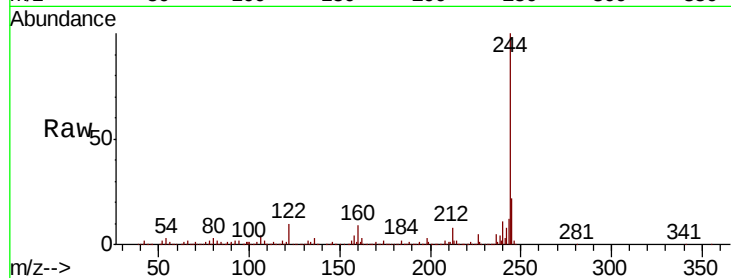




#76
Benzidine
Concen: 2.000 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.36 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

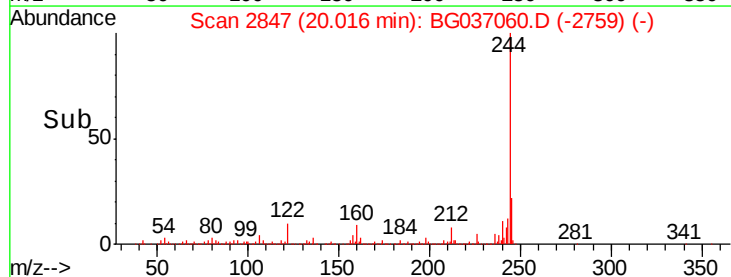
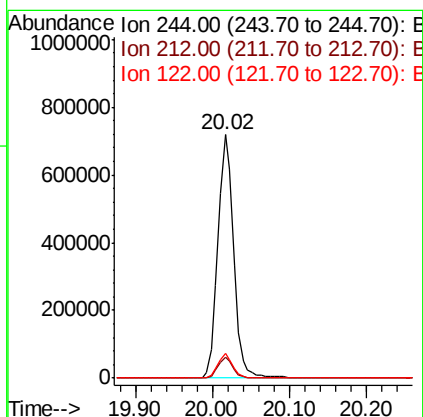
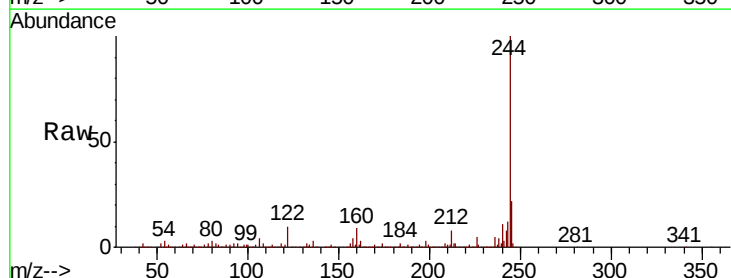
Instrument :
BNA_G
ClientSampleId :
EO-01-092718-B

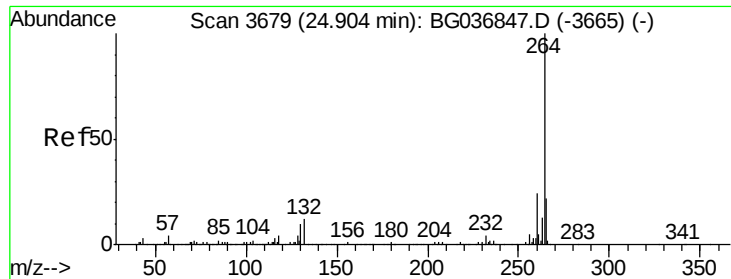
Tgt Ion:184 Resp: 17434
Ion Ratio Lower Upper
184 100
185 16.8 12.6 18.8
183 7.6 10.9 16.3#



#78
Terphenyl-d14
Concen: 92.358 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

Tgt Ion:244 Resp: 1012612
Ion Ratio Lower Upper
244 100
212 8.5 7.0 10.6
122 9.9 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037060.D
Acq: 28 Sep 2018 21:39

Instrument :
BNA_G
ClientSampleId :
EO-01-092718-B

Tgt Ion: 264 Resp: 283900
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 20.7 17.4 26.0

