

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036076.D
 Acq On : 3 Aug 2018 2:38
 Operator : JU/SJ
 Sample : J4278-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-080118-C

Quant Time: Aug 03 07:09:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

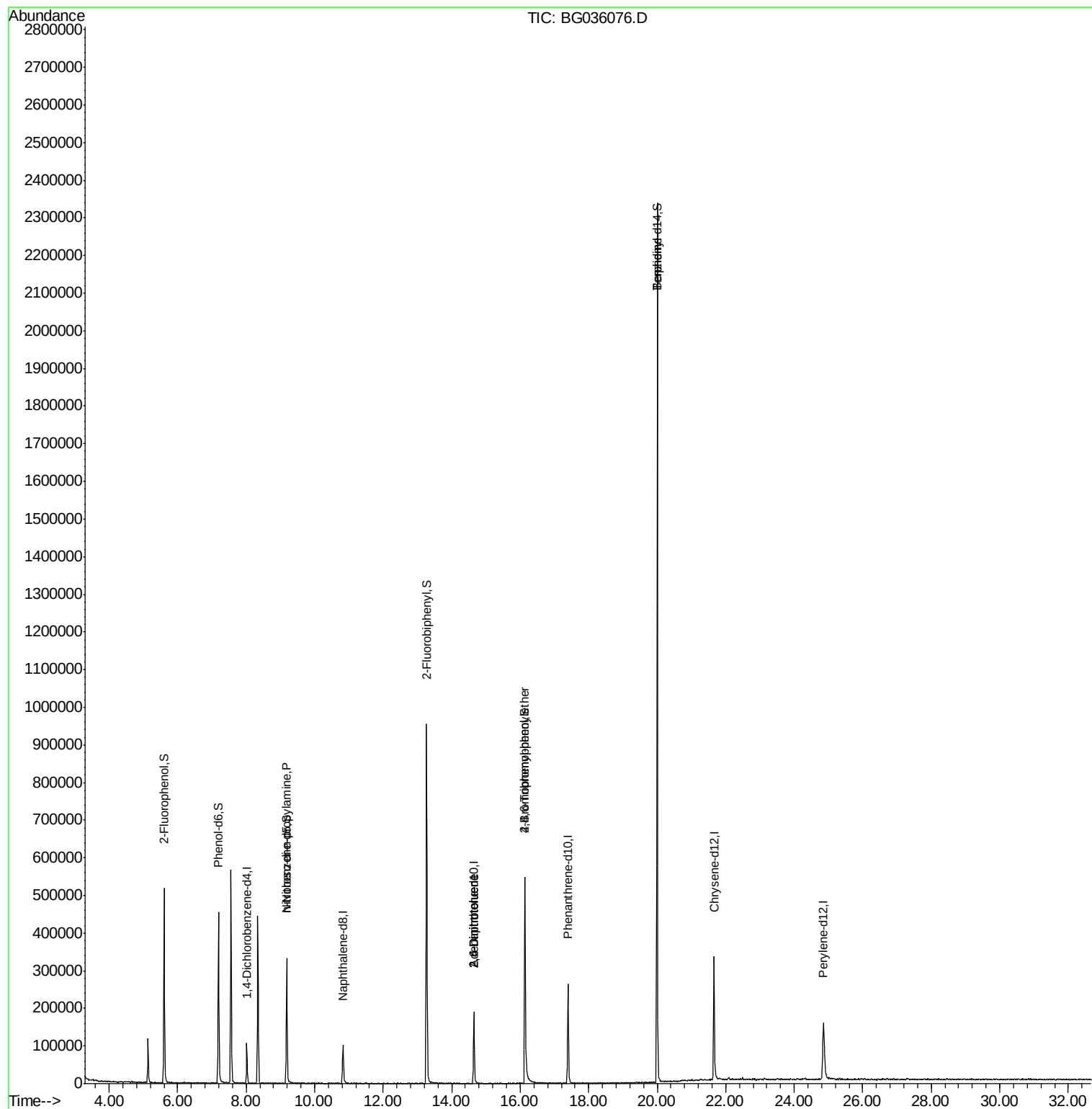
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	27202	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	99521	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	72459	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	208447	20.00	ng	0.00
75) Chrysene-d12	21.65	240	244567	20.00	ng	0.00
86) Perylene-d12	24.85	264	214182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	230203	140.50	ng	0.00
7) Phenol-d6	7.19	99	291839	119.38	ng	0.00
23) Nitrobenzene-d5	9.18	82	235336	98.78	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	138011	144.51	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	551031	101.88	ng	0.00
78) Terphenyl-d14	20.00	244	1159023	104.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	33765	16.403	ng	# 67
50) 2,6-Dinitrotoluene	14.65	165	9368	7.246	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	9368	5.051	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	11033	4.562	ng	# 1
76) Benzidine	20.00	184	19392	3.016	ng	# 88

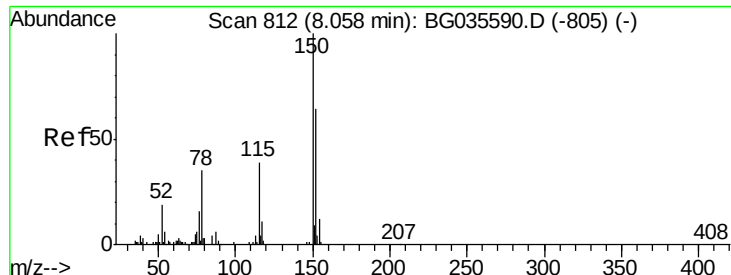
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG036076.D

Acq: 3 Aug 2018 2:38

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-C

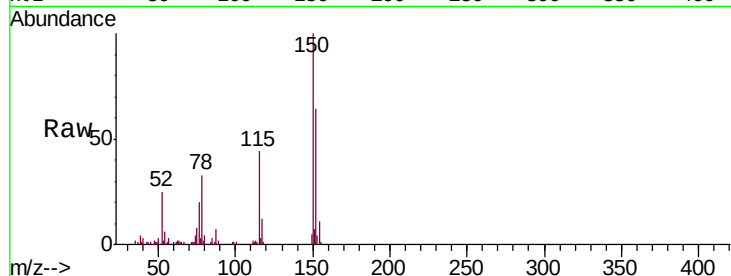
Tgt Ion:152 Resp: 27202

Ion Ratio Lower Upper

152 100

150 157.2 126.6 189.8

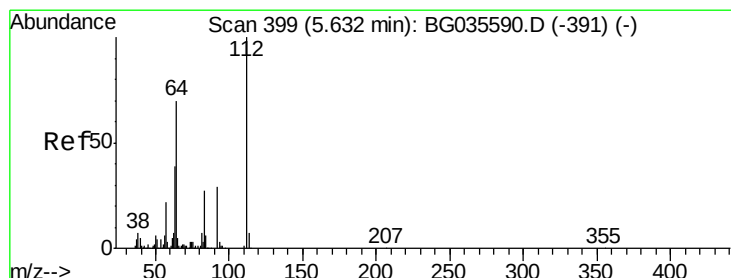
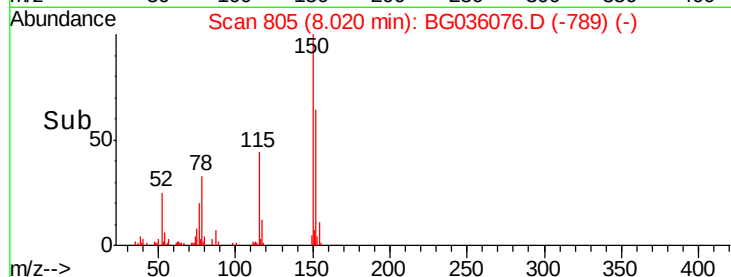
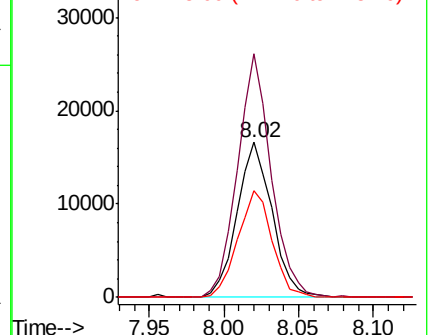
115 69.2 53.0 79.4



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: 140.501 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG036076.D

Acq: 3 Aug 2018 2:38

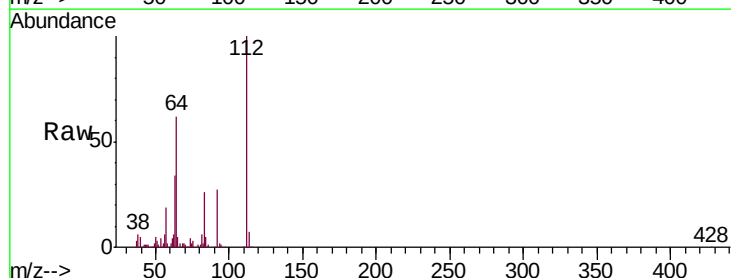
Tgt Ion:112 Resp: 230203

Ion Ratio Lower Upper

112 100

64 62.3 56.3 84.5

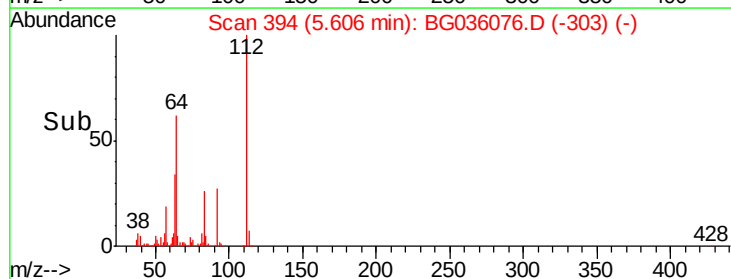
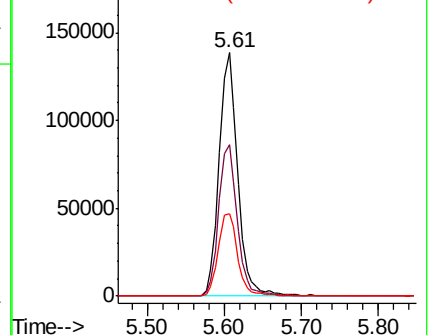
63 34.0 30.1 45.1

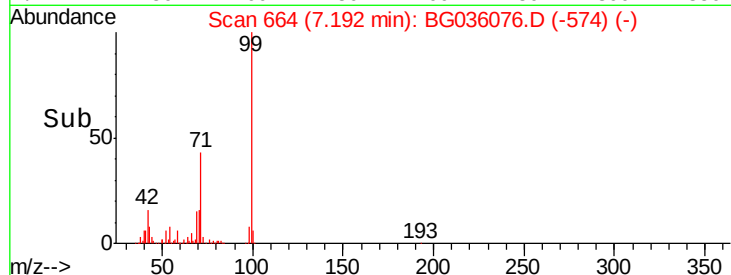
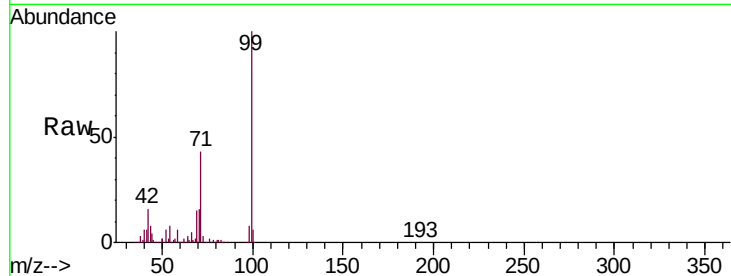
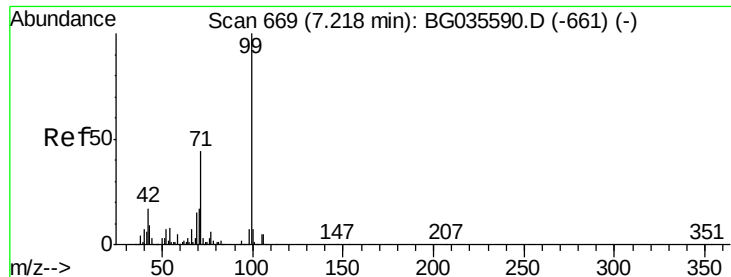


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.384 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036076.D

Acq: 3 Aug 2018 2:38

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-C

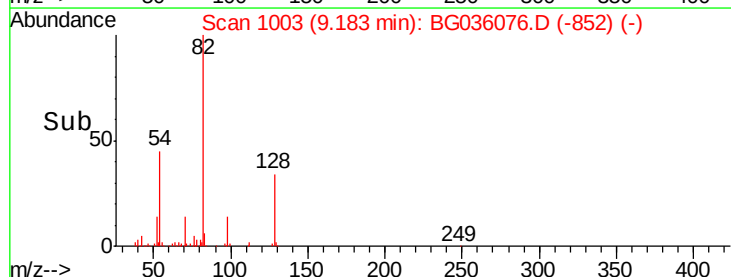
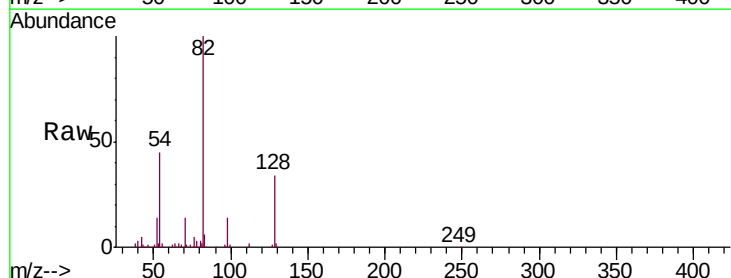
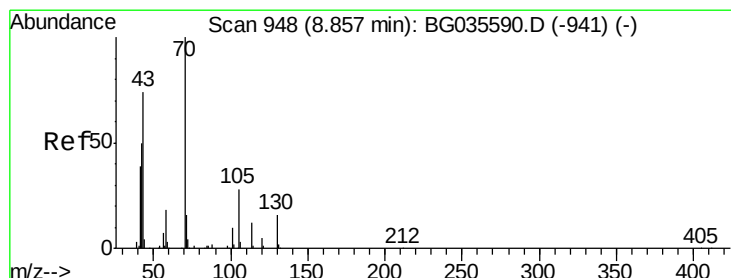
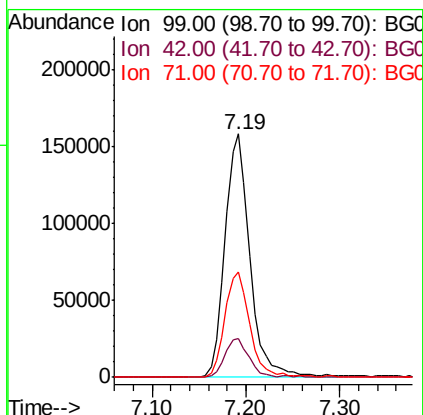
Tgt Ion: 99 Resp: 291839

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 43.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.403 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036076.D

Acq: 3 Aug 2018 2:38

Tgt Ion: 70 Resp: 33765

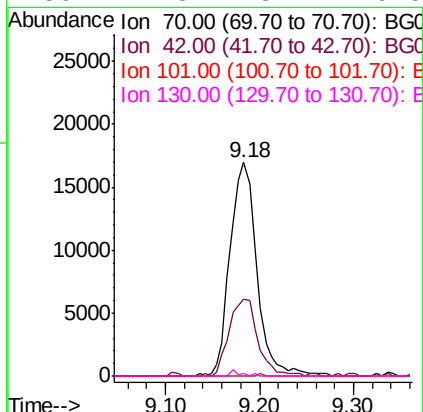
Ion Ratio Lower Upper

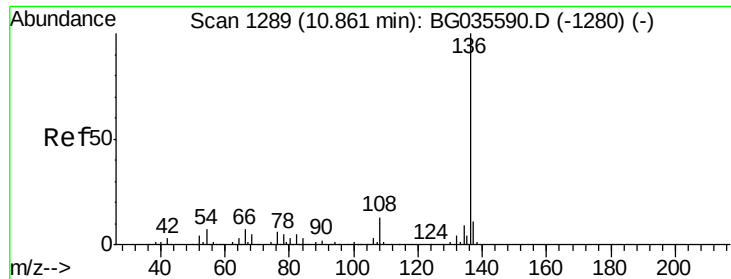
70 100

42 36.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#

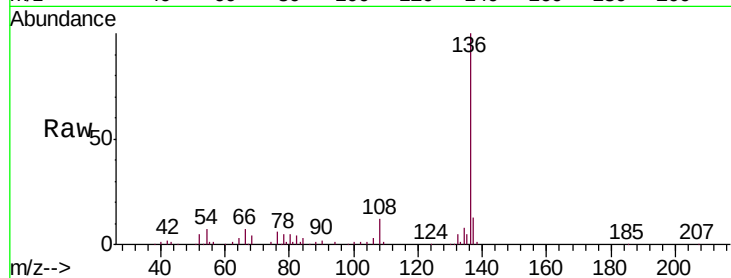




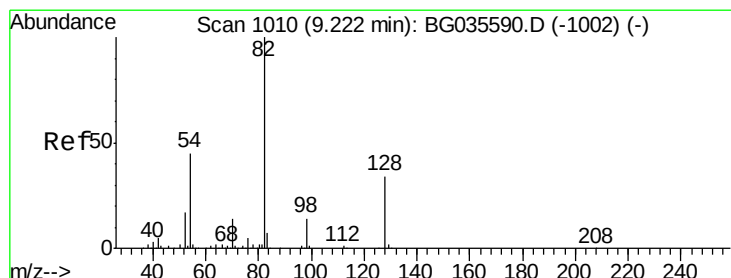
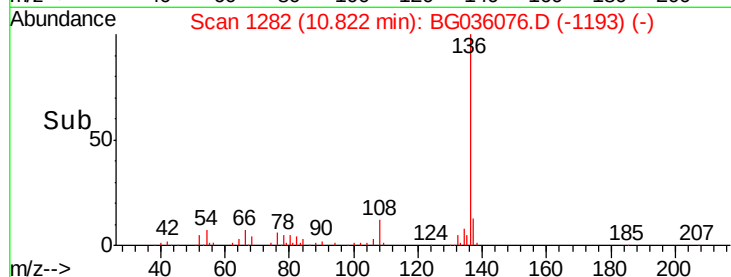
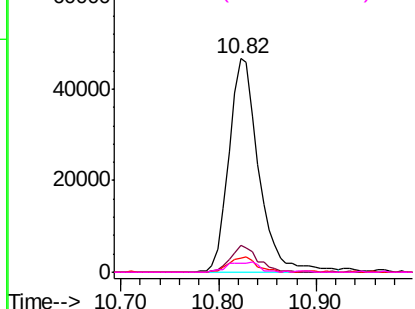
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036076.D
Acq: 3 Aug 2018 2:38

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-C

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	6.7	10.3	15.5#
68	4.3	4.5	6.7#

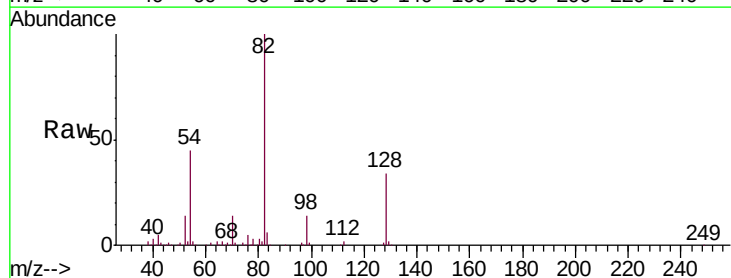


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

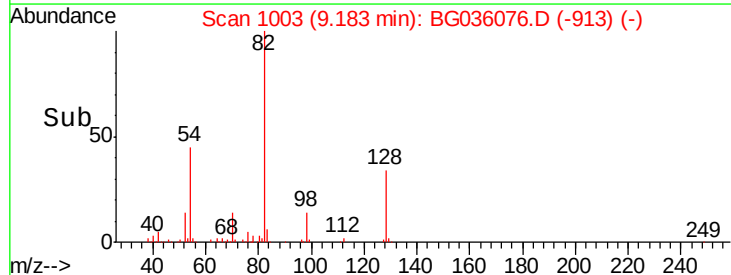
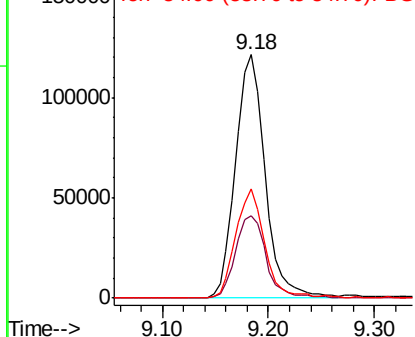


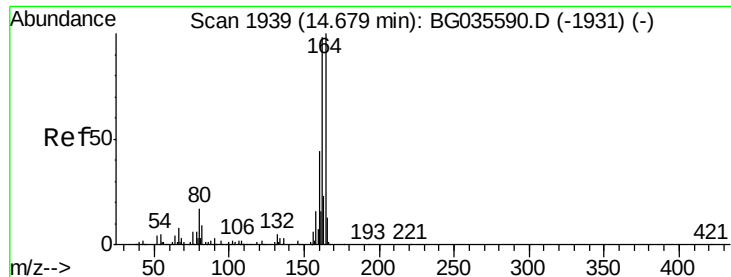
#23
Nitrobenzene-d5
Concen: 98.784 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG036076.D
Acq: 3 Aug 2018 2:38

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	45.0	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG036076.D

Acq: 3 Aug 2018 2:38

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-C

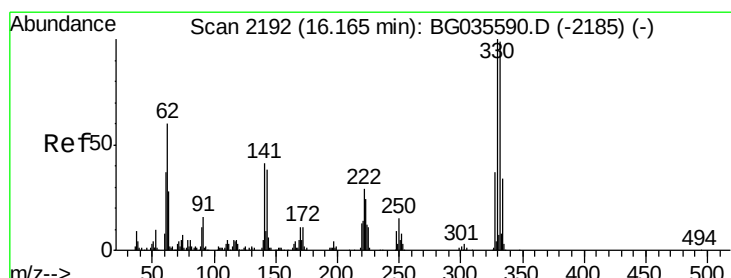
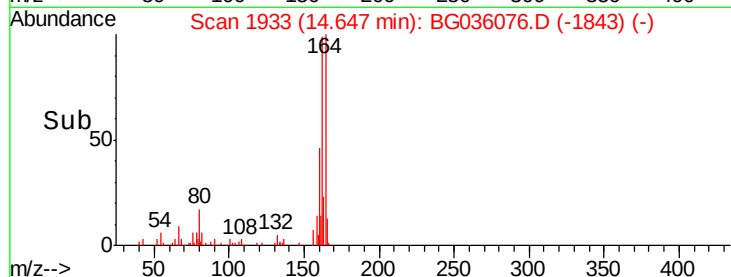
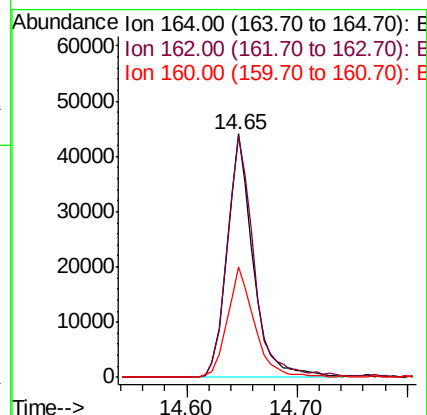
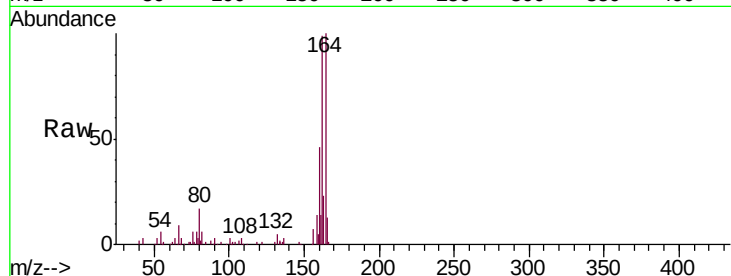
Tgt Ion:164 Resp: 72459

Ion Ratio Lower Upper

164 100

162 99.0 78.8 118.2

160 45.5 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 144.506 ng

RT: 16.13 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG036076.D

Acq: 3 Aug 2018 2:38

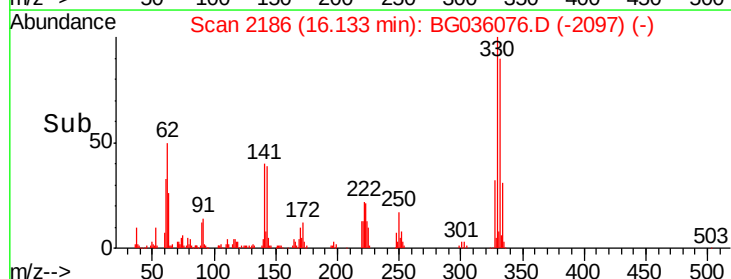
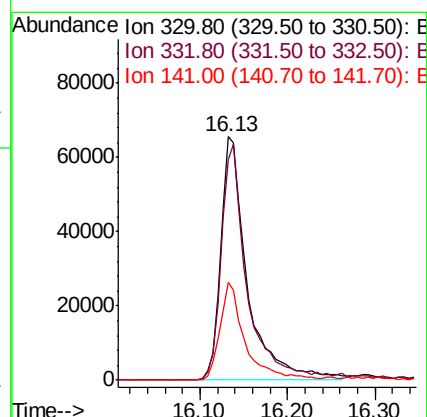
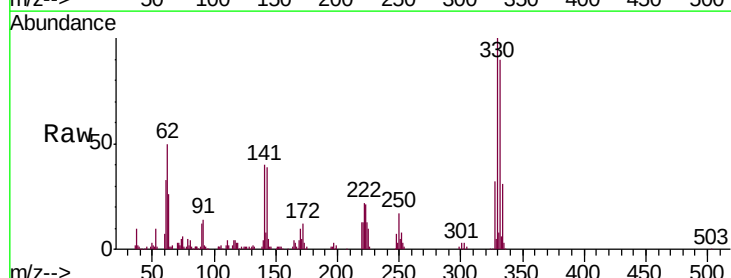
Tgt Ion:330 Resp: 138011

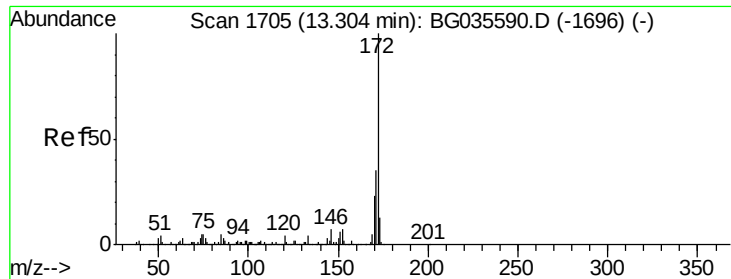
Ion Ratio Lower Upper

330 100

332 92.1 77.0 115.6

141 37.9 25.2 37.8#

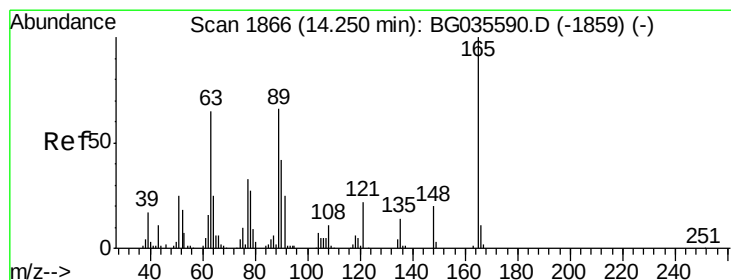
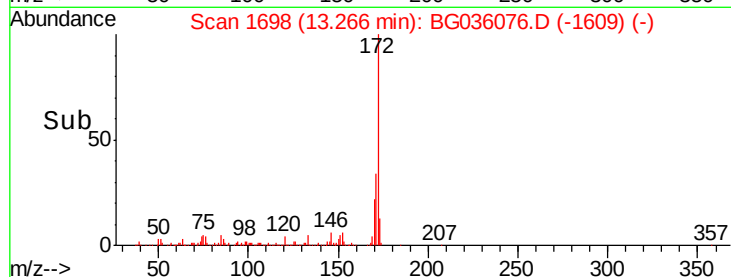
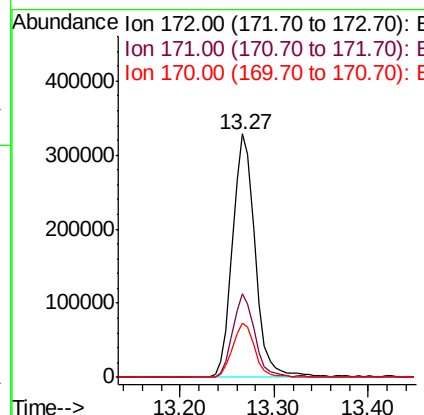
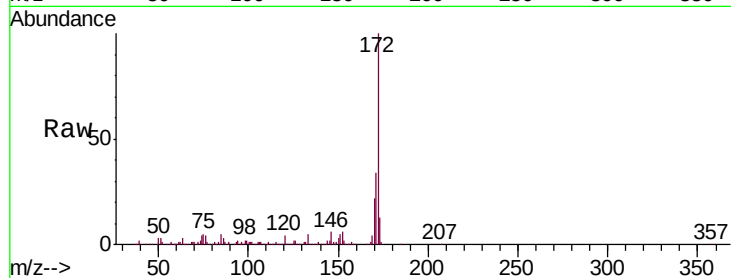




#44
 2-Fluorobiphenyl
 Concen: 101.884 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036076.D
 Acq: 3 Aug 2018 2:38

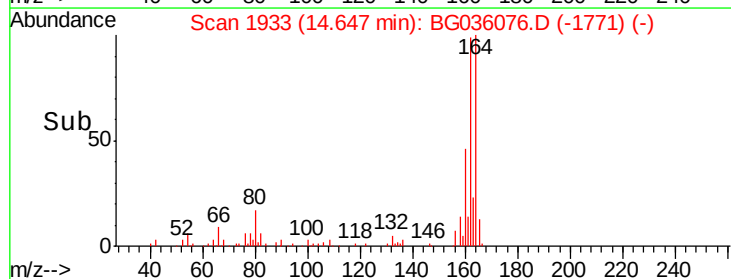
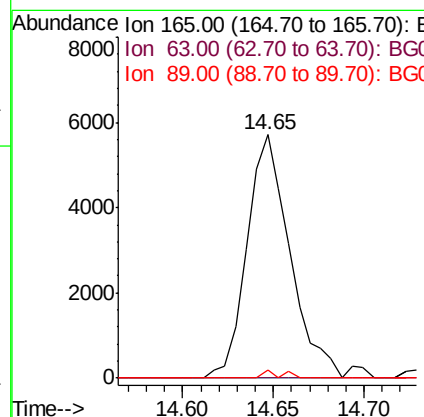
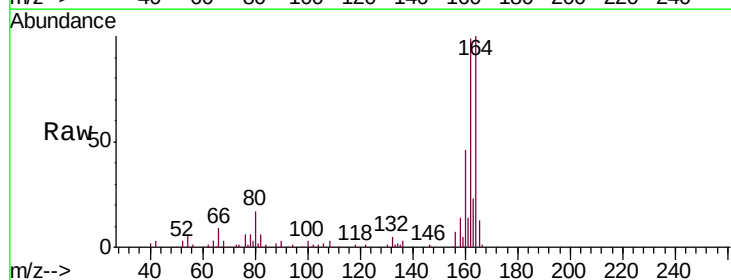
Instrument :
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 EO-03-080118-C

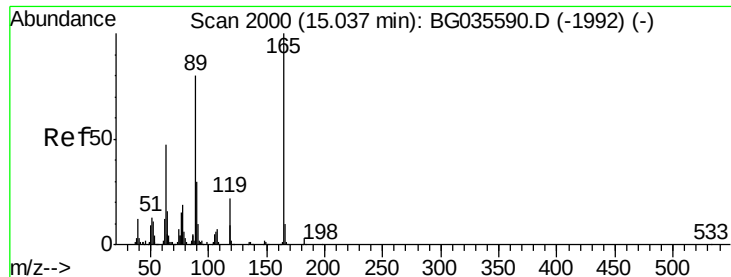
Tgt Ion:172 Resp: 551031
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.0 45.0
 170 22.2 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.246 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG036076.D
 Acq: 3 Aug 2018 2:38

Tgt Ion:165 Resp: 9368
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.3 49.2 73.8#

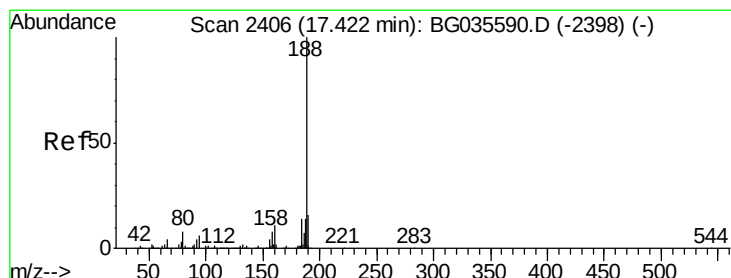
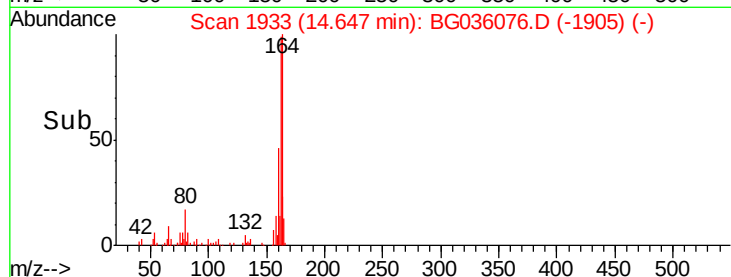
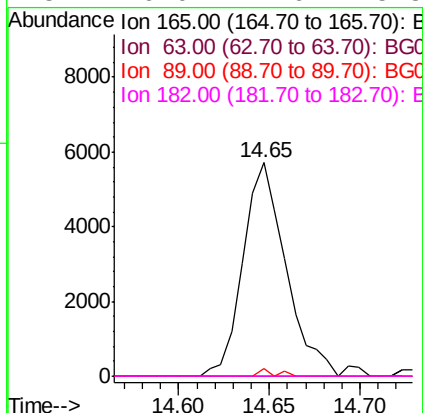
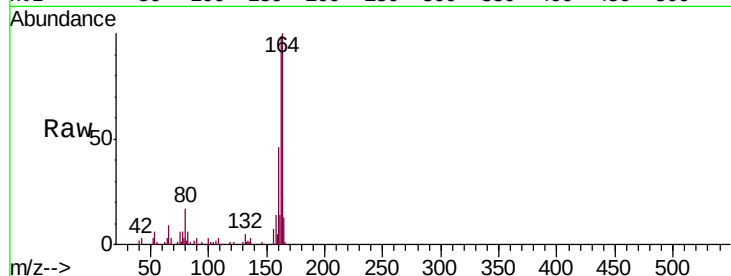




#56
 2,4-Dinitrotoluene
 Concen: 5.051 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG036076.D
 Acq: 3 Aug 2018 2:38

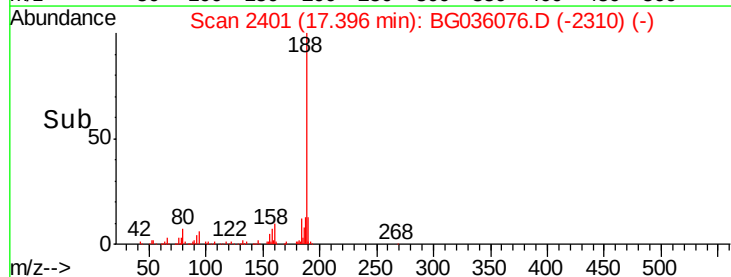
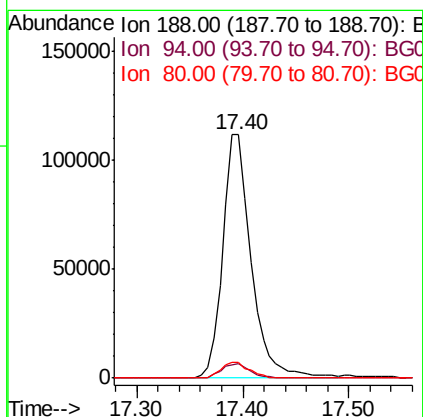
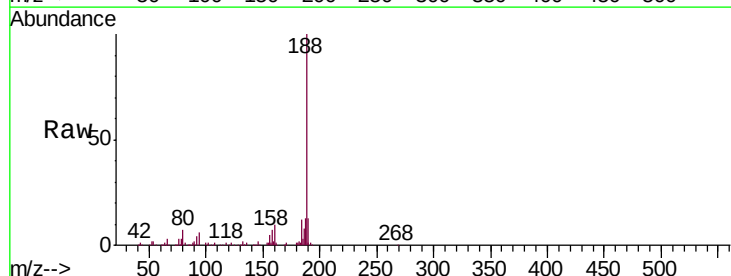
Instrument :
 BNA_G
 ClientSampleId :
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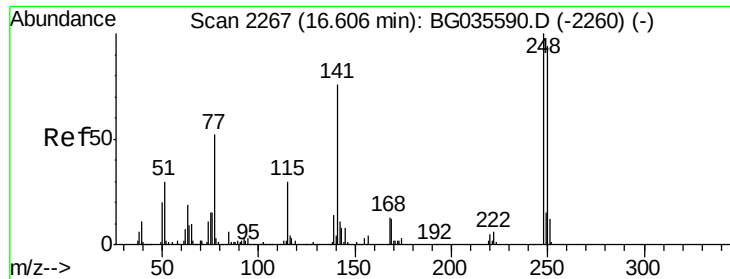
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.3	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2401
 Delta R.T. 0.00 min
 Lab File: BG036076.D
 Acq: 3 Aug 2018 2:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.5	7.7	11.5#

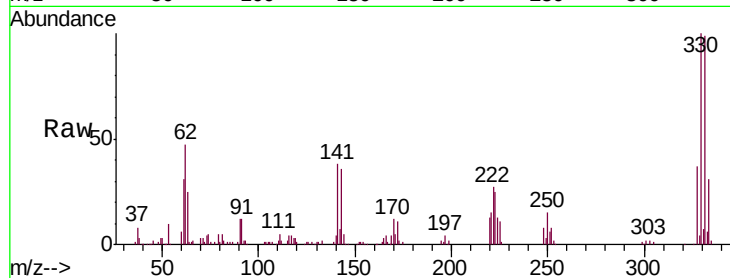




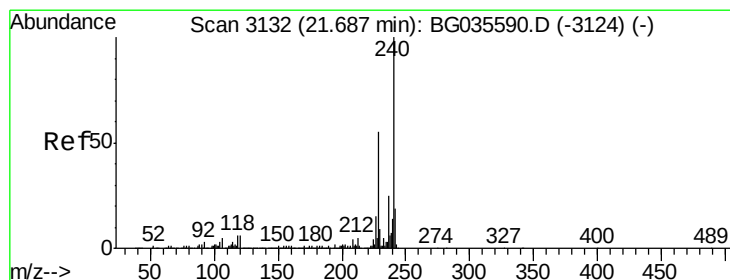
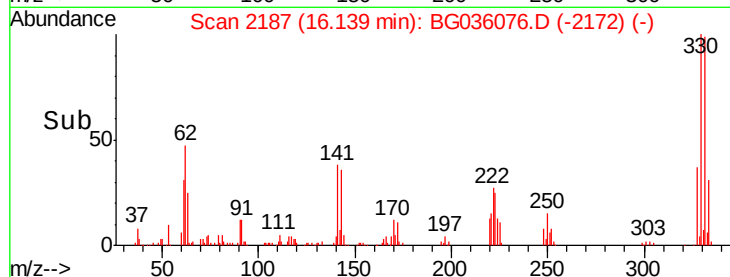
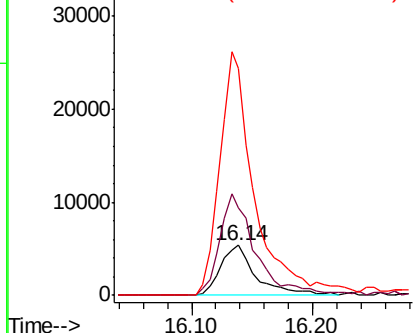
#66
 4-Bromophenyl-phenylether
 Concen: 4.562 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.44 min
 Lab File: BG036076.D
 Acq: 3 Aug 2018 2:38

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-080118-C

Tgt Ion:248 Resp: 11033
 Ion Ratio Lower Upper
 248 100
 250 176.1 77.1 115.7#
 141 452.9 50.8 76.2#

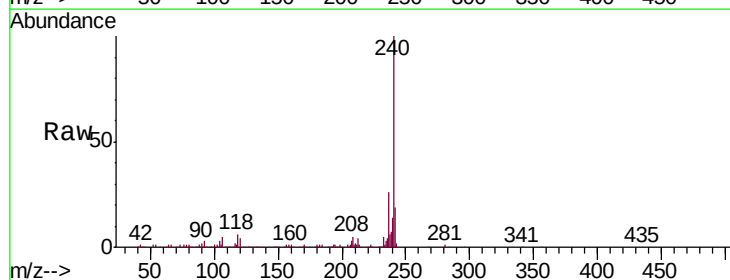


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

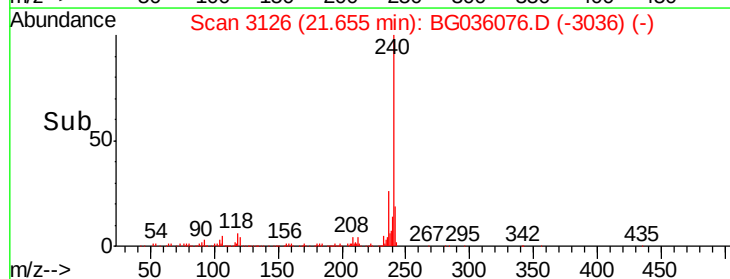
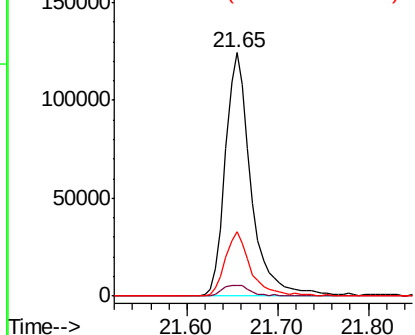


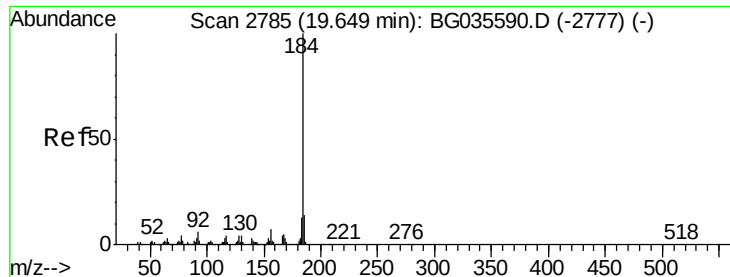
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BG036076.D
 Acq: 3 Aug 2018 2:38

Tgt Ion:240 Resp: 244567
 Ion Ratio Lower Upper
 240 100
 120 4.4 6.8 10.2#
 236 26.4 20.9 31.3



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: 3.016 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036076.D

Acq: 3 Aug 2018 2:38

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-C

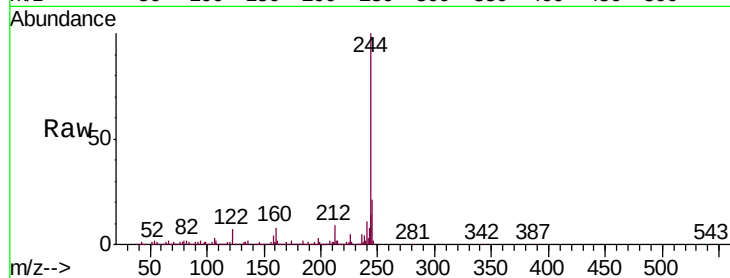
Tgt Ion:184 Resp: 19392

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

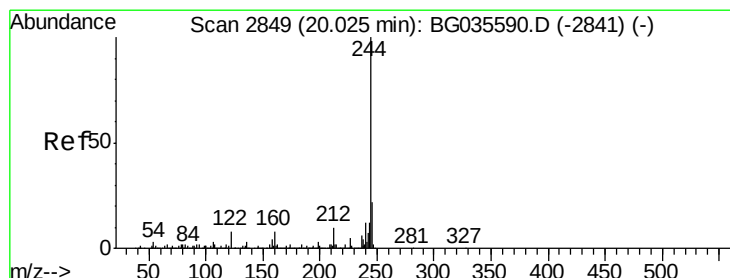
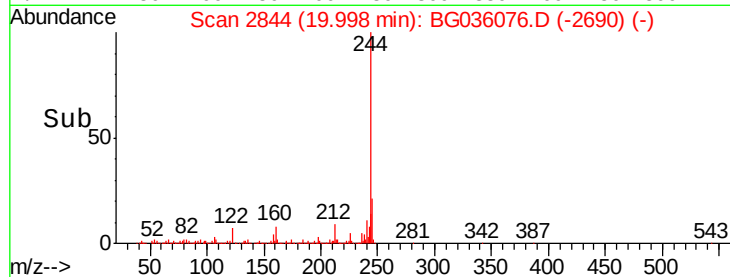
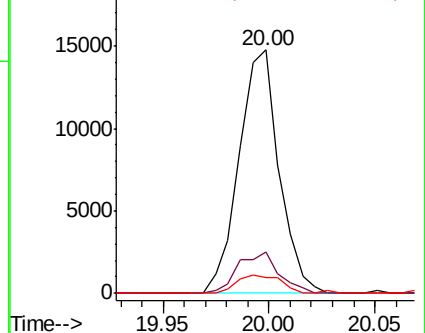
183 6.4 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 104.464 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG036076.D

Acq: 3 Aug 2018 2:38

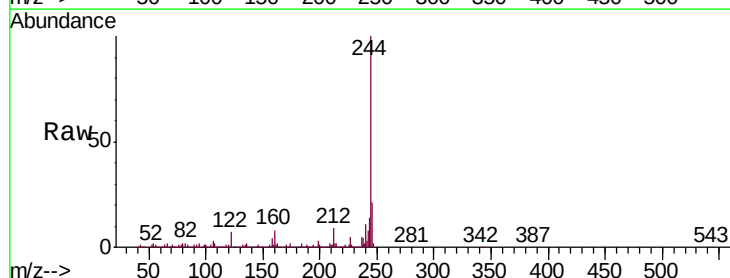
Tgt Ion:244 Resp: 1159023

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

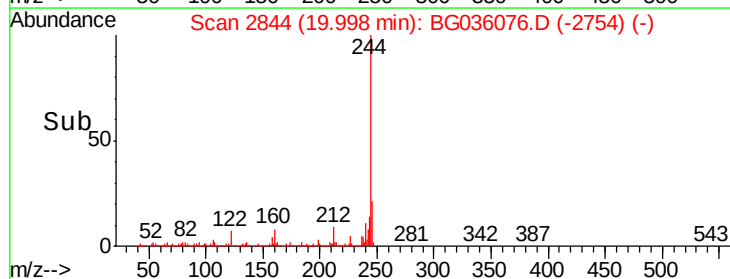
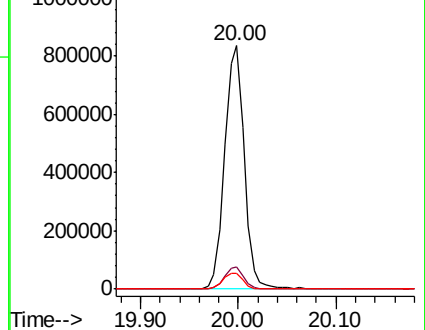
122 6.6 7.0 10.4#

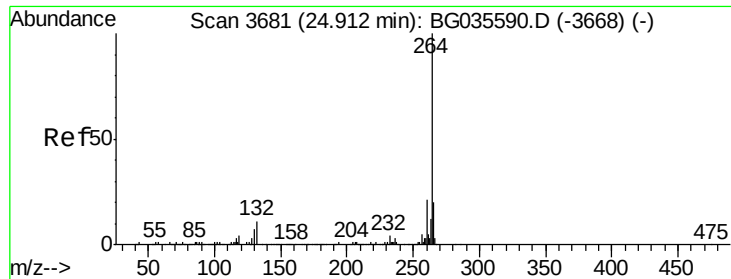


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG036076.D
Acq: 3 Aug 2018 2:38

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.4	17.7	26.5

