

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036212.D
 Acq On : 9 Aug 2018 00:29
 Operator : JU/SJ
 Sample : J4275-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-080718-C

Quant Time: Aug 09 01:34:33 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

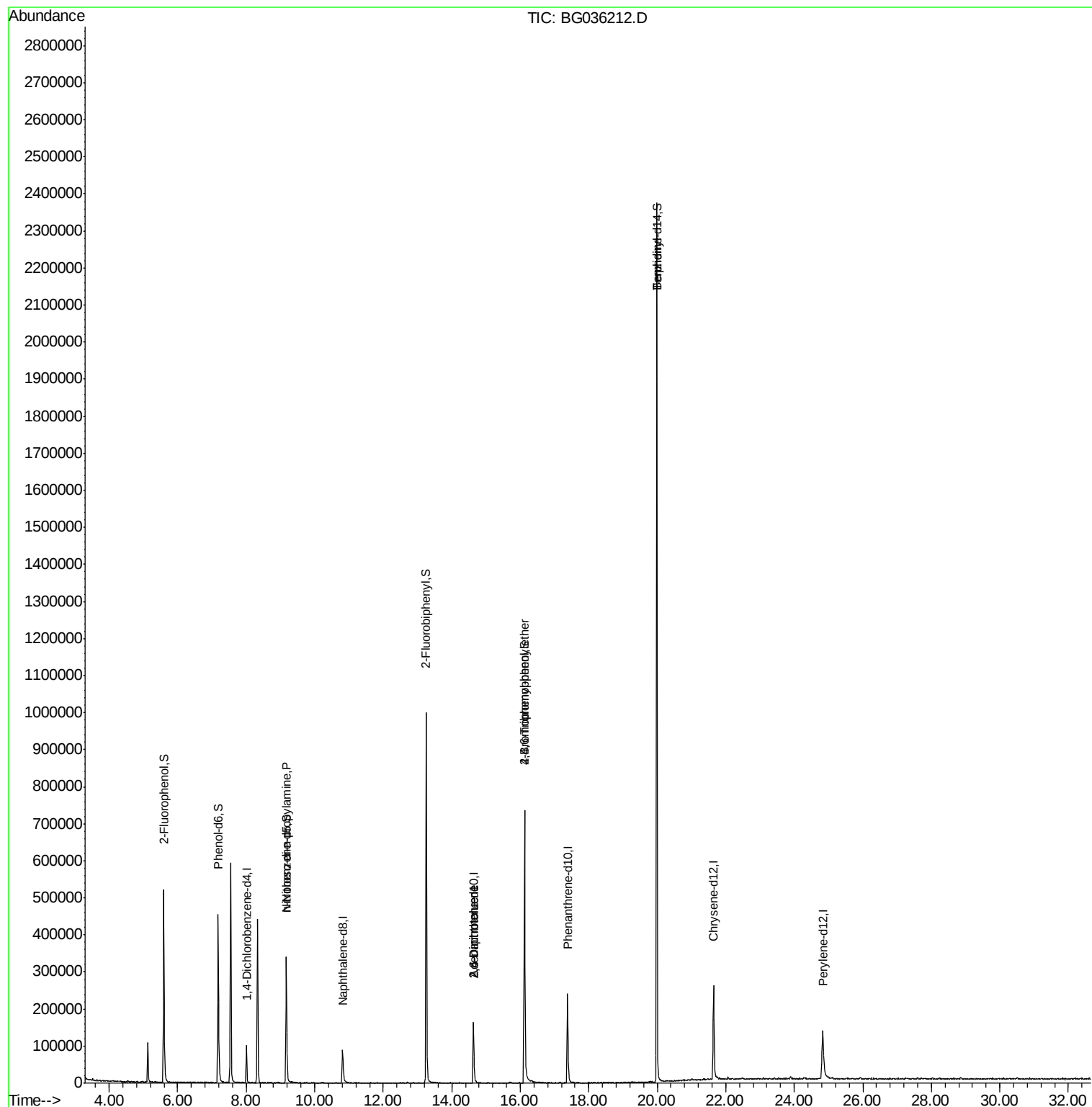
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27125	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	93534	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68519	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	192642	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	206901	20.00	ng	-0.02
86) Perylene-d12	24.83	264	180807	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	239745	146.74	ng	0.00
7) Phenol-d6	7.18	99	301752	123.79	ng	-0.02
23) Nitrobenzene-d5	9.17	82	252796	112.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	169137	187.28	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	576166	112.66	ng	-0.02
78) Terphenyl-d14	19.99	244	1175053	125.19	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.16	70	35319	17.206	ng	# 67
50) 2,6-Dinitrotoluene	14.63	165	9920	8.115	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	9920	5.656	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	13338	5.968	ng	# 1
76) Benzidine	19.99	184	20904	3.843	ng	# 95

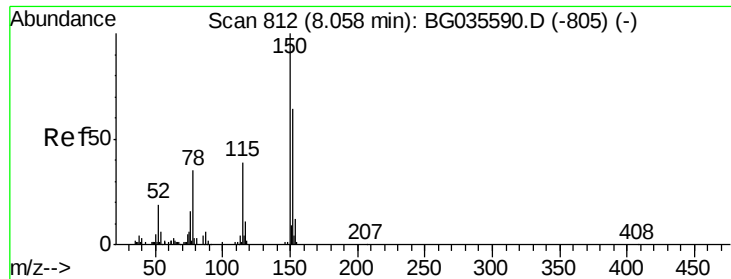
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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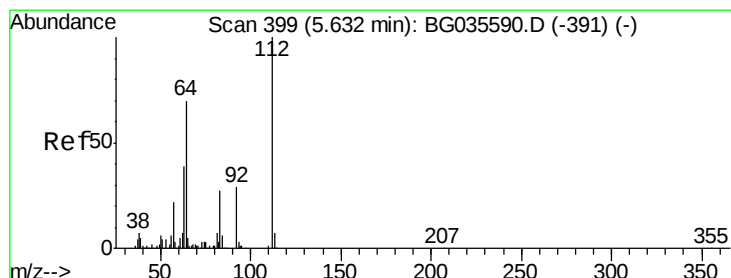
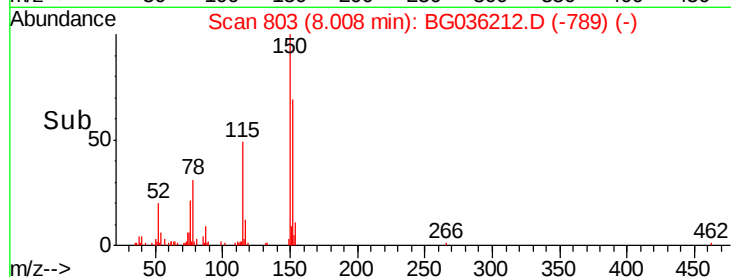
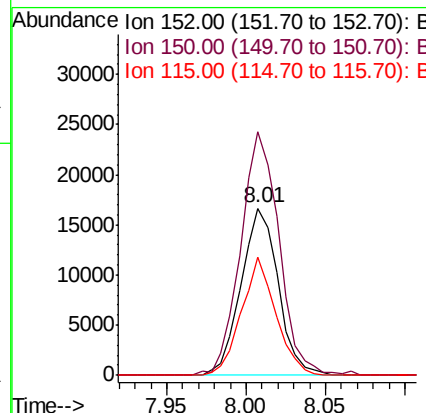
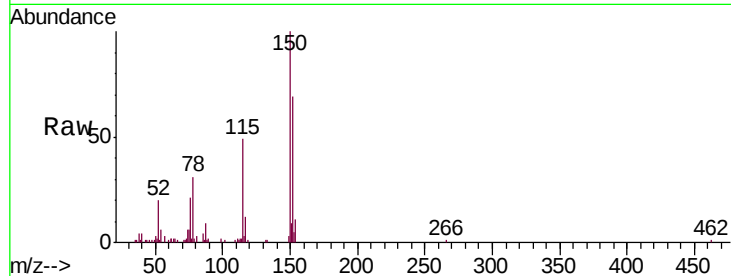


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036212.D
Acq: 9 Aug 2018 00:29

Instrument :
BNA_G
ClientSampleId :
CL-02-080718-C

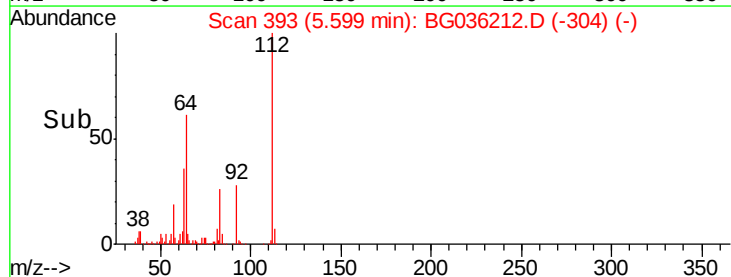
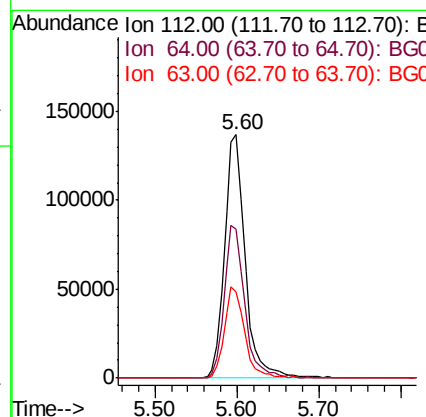
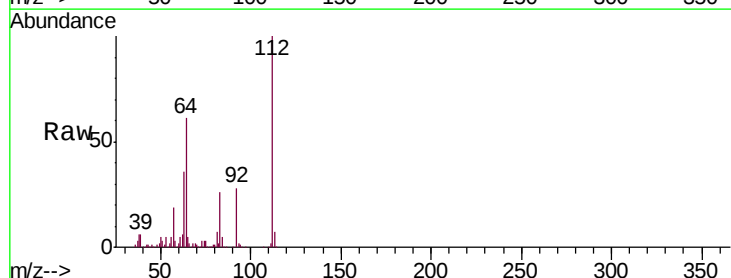
Tgt Ion:152 Resp: 27125
Ion Ratio Lower Upper
152 100
150 145.8 126.6 189.8
115 70.9 53.0 79.4

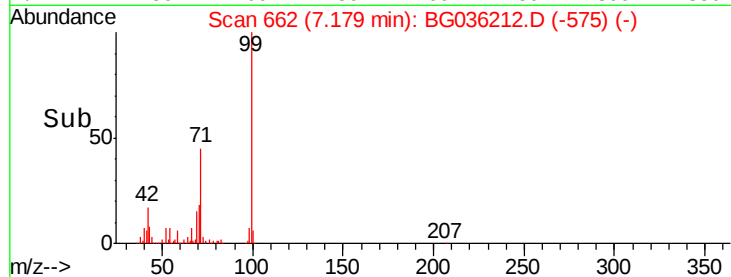
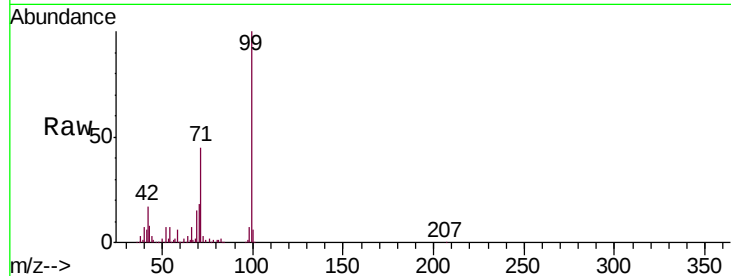


#5

2-Fluorophenol
Concen: 146.740 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036212.D
Acq: 9 Aug 2018 00:29

Tgt Ion:112 Resp: 239745
Ion Ratio Lower Upper
112 100
64 61.0 56.3 84.5
63 35.5 30.1 45.1





#7

Phenol-d6

Concen: 123.790 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036212.D

Acq: 9 Aug 2018 00:29

Instrument :

BNA_G

ClientSampleId :

CL-02-080718-C

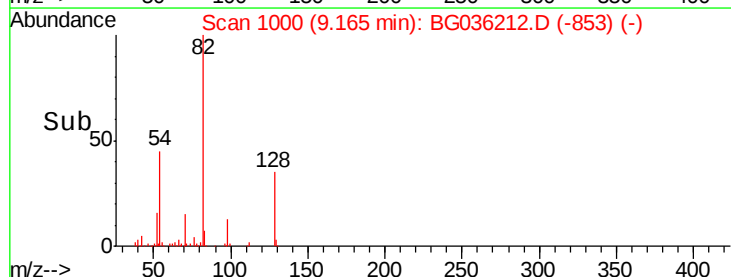
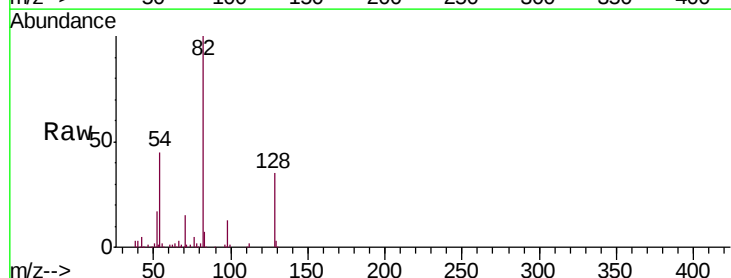
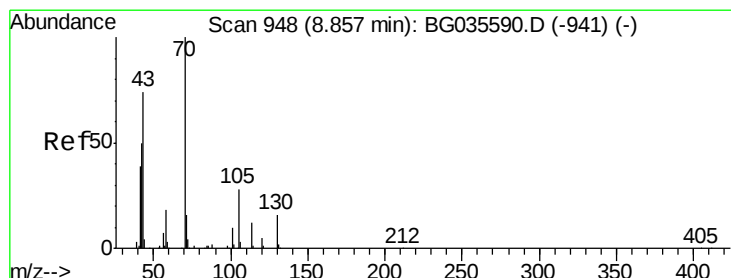
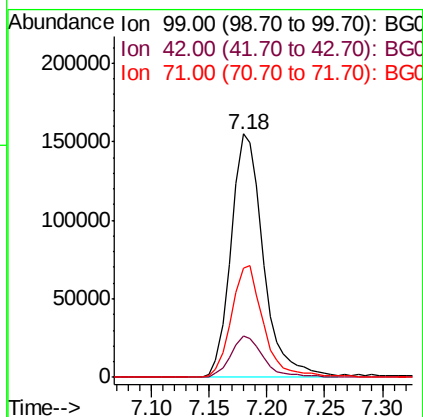
Tgt Ion: 99 Resp: 301752

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

71 45.0 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 17.206 ng

RT: 9.16 min Scan# 1000

Delta R.T. 0.34 min

Lab File: BG036212.D

Acq: 9 Aug 2018 00:29

Tgt Ion: 70 Resp: 35319

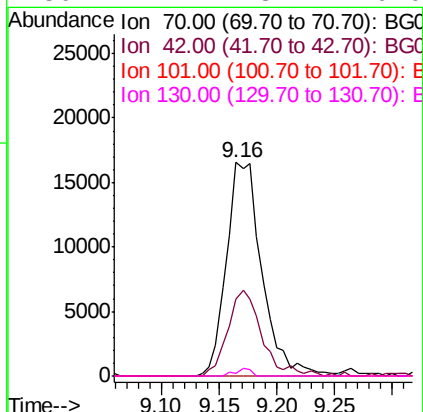
Ion Ratio Lower Upper

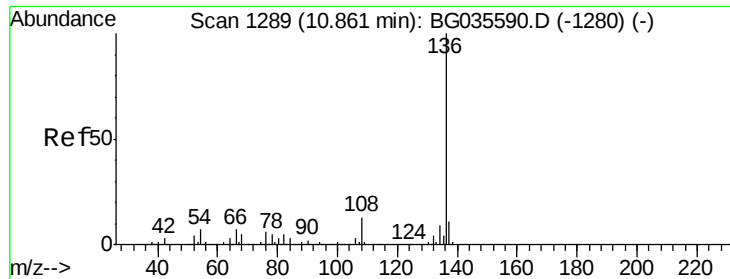
70 100

42 35.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#

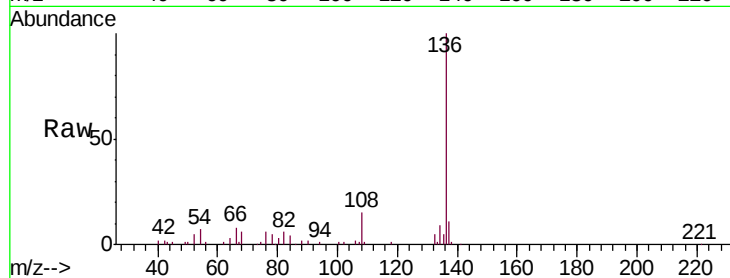




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036212.D
Acq: 9 Aug 2018 00:29

Instrument :
BNA_G
ClientSampleId :
CL-02-080718-C

Tgt Ion:	136	Resp:	93534
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.5	10.3	15.5#
68	6.0	4.5	6.7



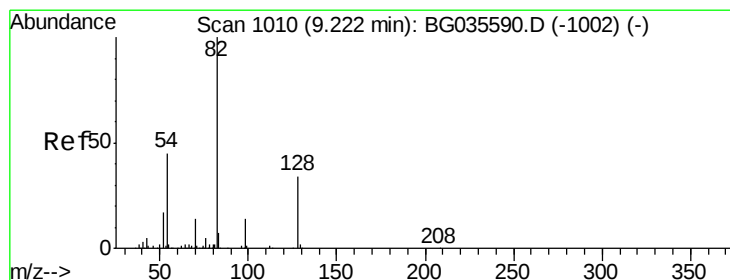
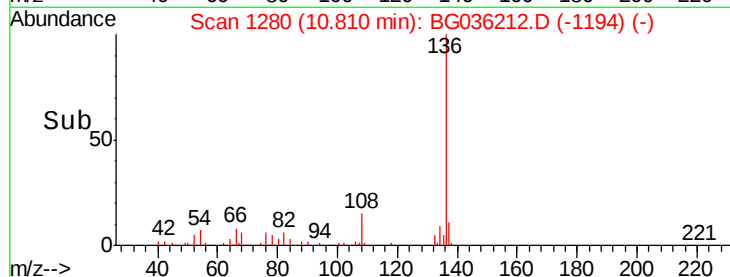
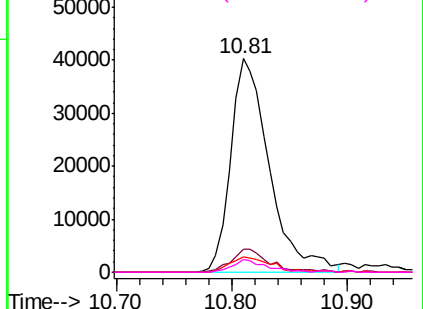
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

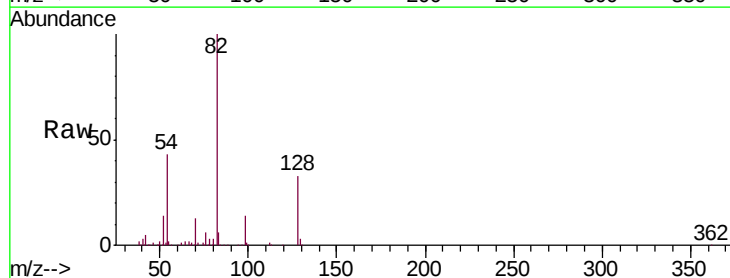
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 112.905 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036212.D
Acq: 9 Aug 2018 00:29

Tgt Ion:	82	Resp:	252796
Ion	Ratio	Lower	Upper
82	100		
128	33.2	29.7	44.5
54	42.9	43.1	64.7#

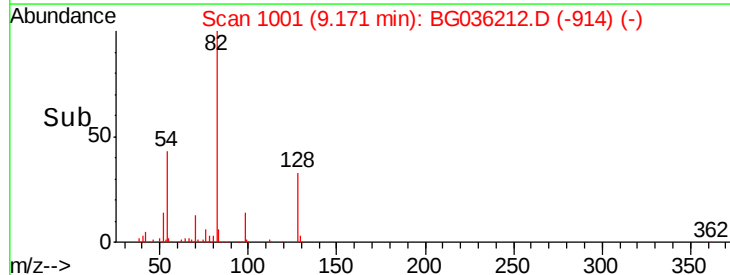
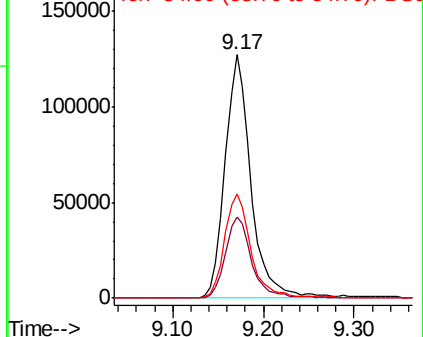


Abundance

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

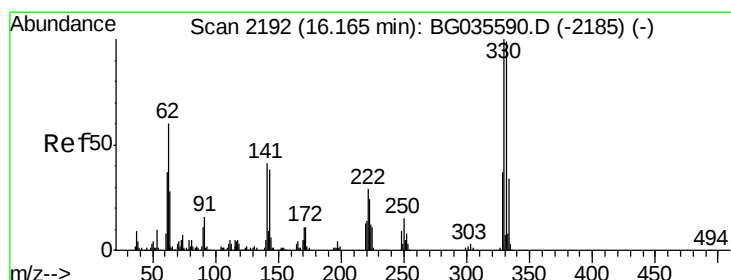
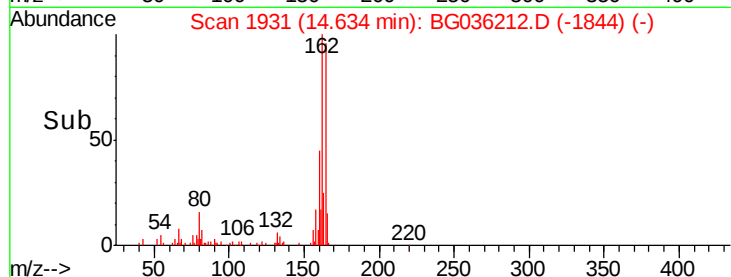
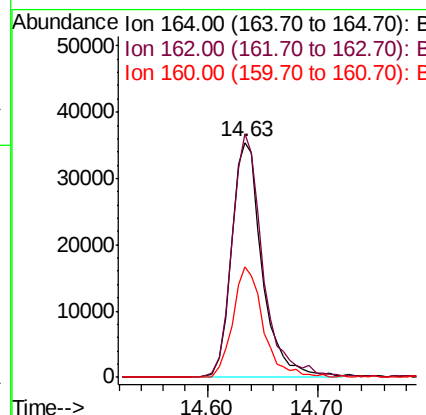
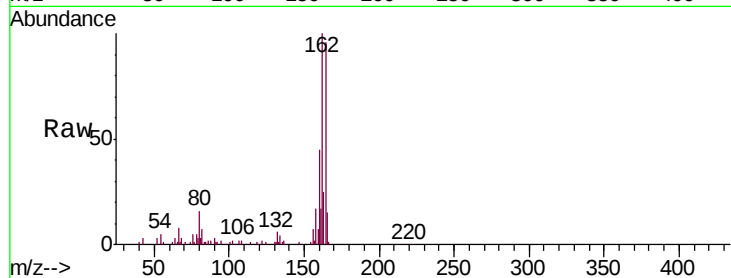




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036212.D
Acq: 9 Aug 2018 00:29

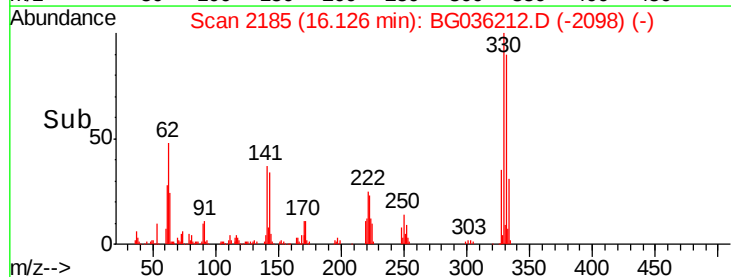
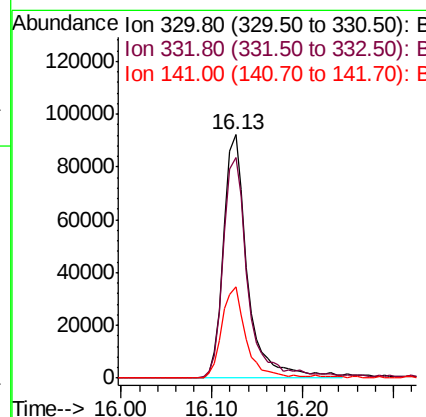
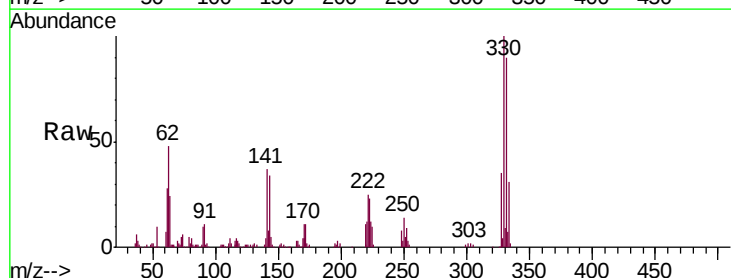
Instrument :
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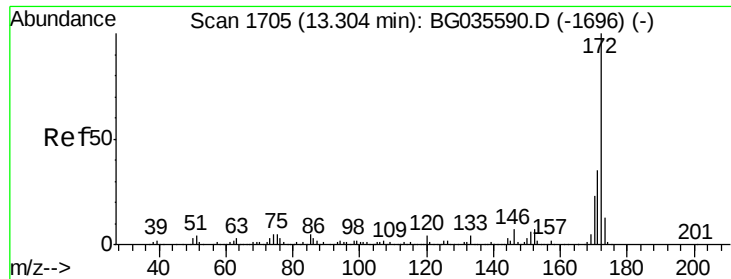
Tgt Ion:164 Resp: 68519
Ion Ratio Lower Upper
164 100
162 103.8 78.8 118.2
160 46.8 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 187.280 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036212.D
Acq: 9 Aug 2018 00:29

Tgt Ion:330 Resp: 169137
Ion Ratio Lower Upper
330 100
332 92.4 77.0 115.6
141 37.4 25.2 37.8

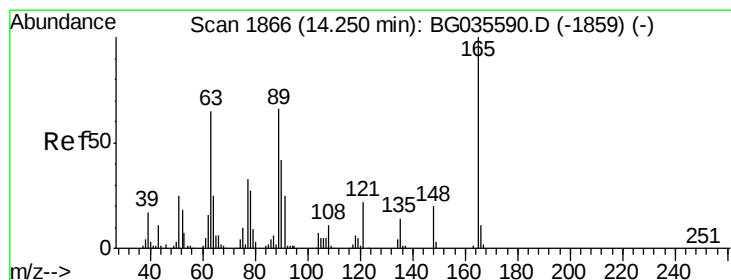
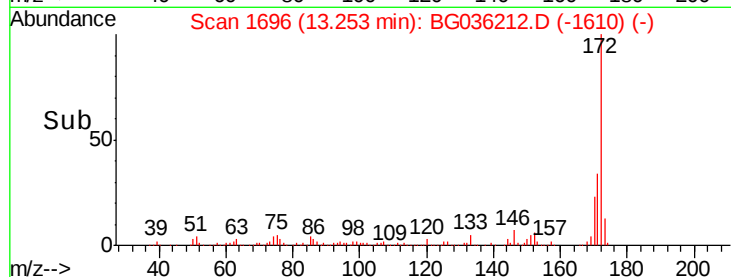
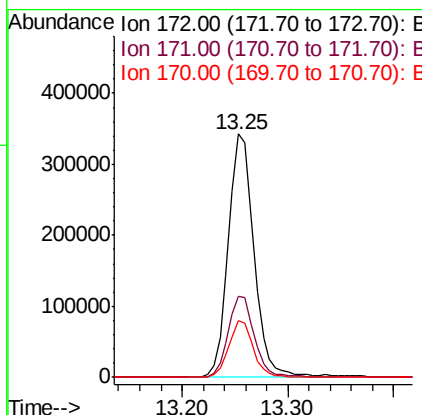
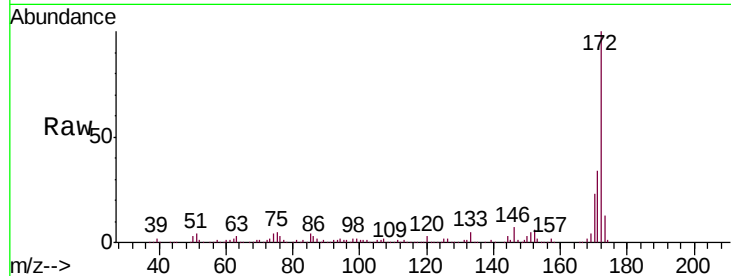




#44
 2-Fluorobiphenyl
 Concen: 112.657 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036212.D
 Acq: 9 Aug 2018 00:29

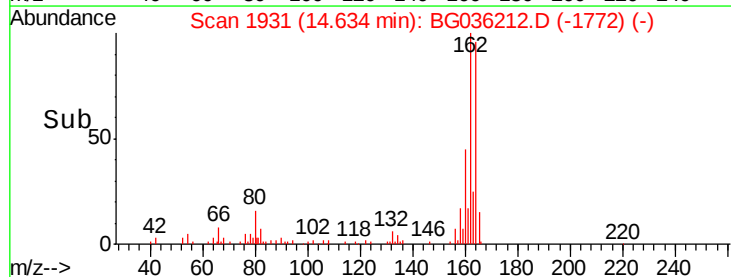
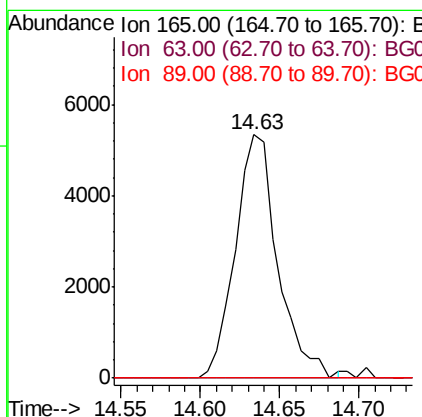
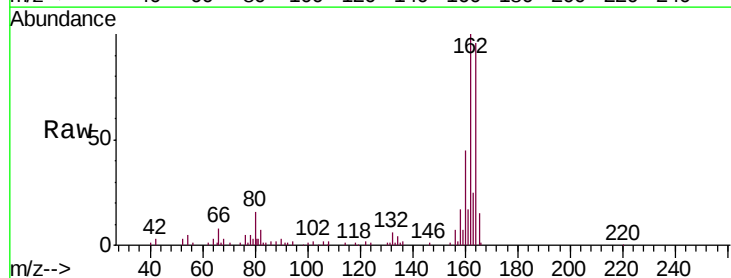
Instrument :
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 CL-02-080718-C

Tgt Ion:172 Resp: 576166
 Ion Ratio Lower Upper
 172 100
 171 33.5 30.0 45.0
 170 23.2 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.115 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.41 min
 Lab File: BG036212.D
 Acq: 9 Aug 2018 00:29

Tgt Ion:165 Resp: 9920
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 5.656 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.38 min

Lab File: BG036212.D

Acq: 9 Aug 2018 00:29

Instrument :

BNA_G

ClientSampleId :

CL-02-080718-C

Tgt Ion:165 Resp: 9920

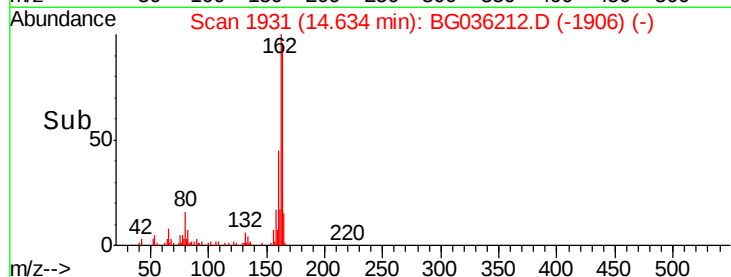
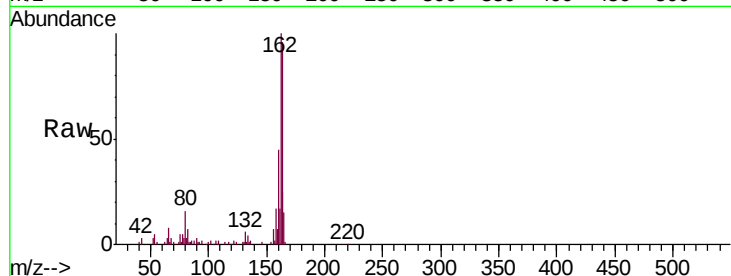
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

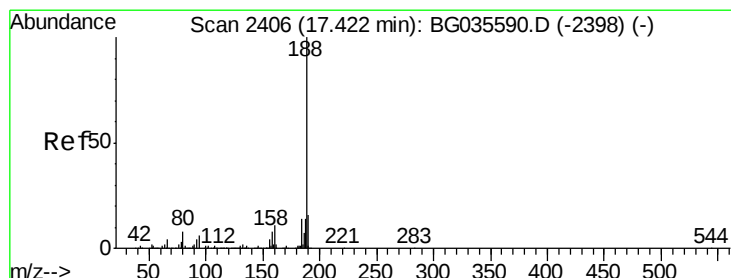
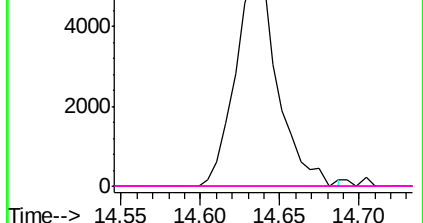


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036212.D

Acq: 9 Aug 2018 00:29

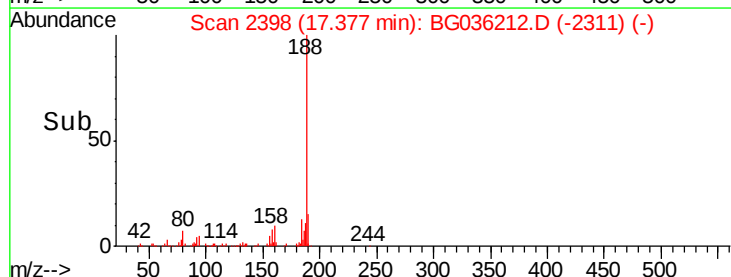
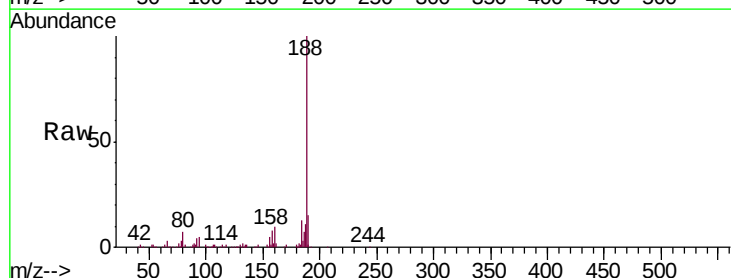
Tgt Ion:188 Resp: 192642

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

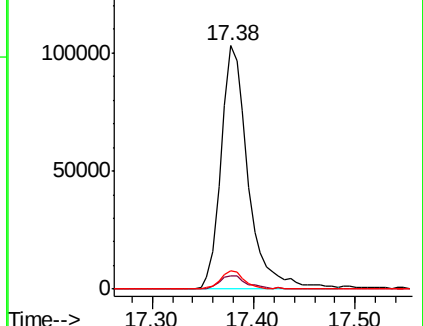
80 7.4 7.7 11.5#

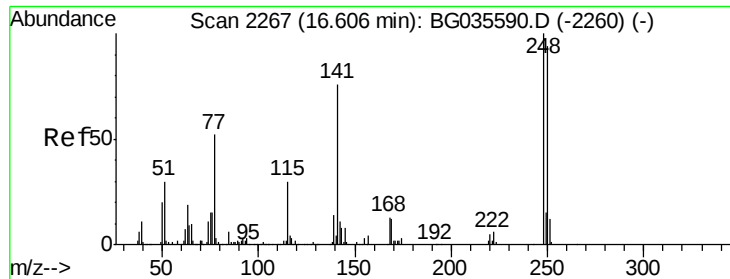


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

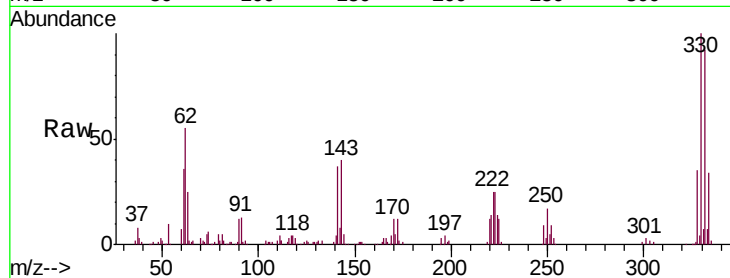




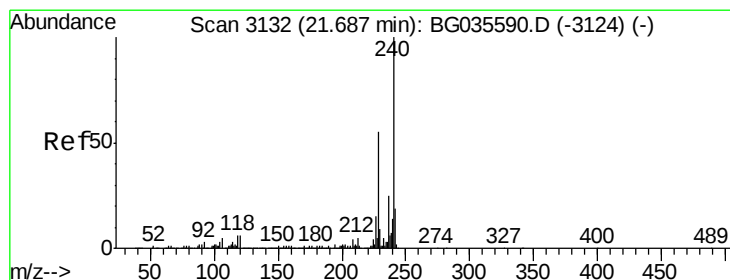
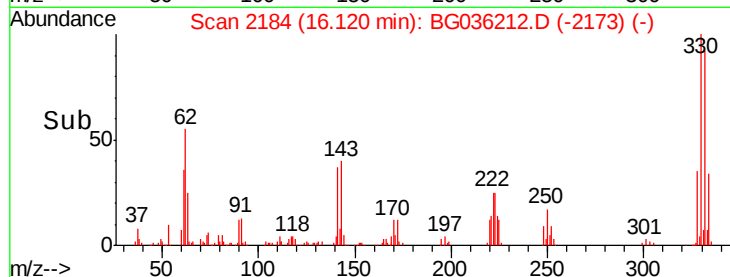
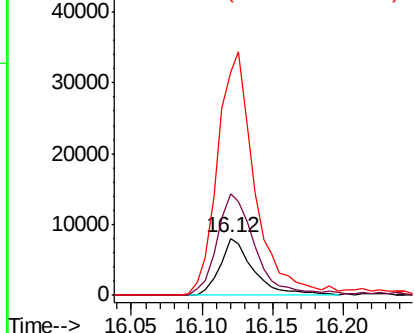
#66
 4-Bromophenyl-phenylether
 Concen: 5.968 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. -0.46 min
 Lab File: BG036212.D
 Acq: 9 Aug 2018 00:29

Instrument :
 BNA_G
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 CL-02-080718-C

Tgt Ion:248 Resp: 13338
 Ion Ratio Lower Upper
 248 100
 250 179.5 77.1 115.7#
 141 392.5 50.8 76.2#

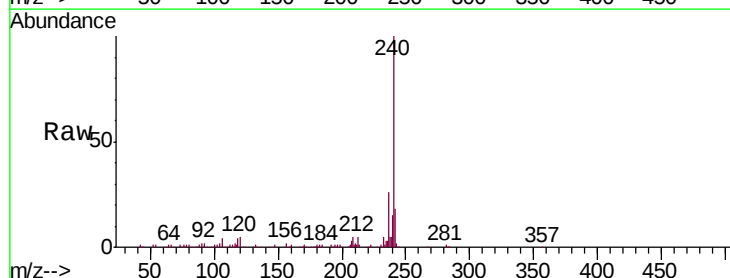


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

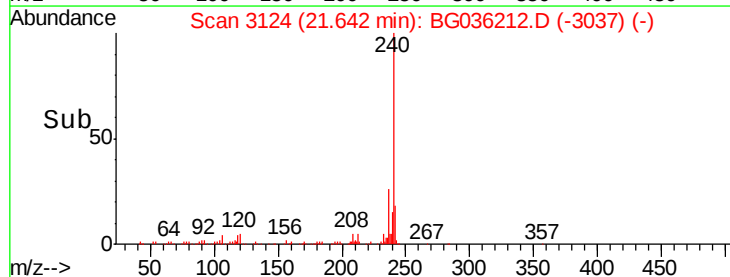
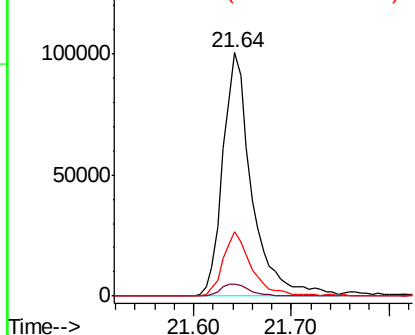


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036212.D
 Acq: 9 Aug 2018 00:29

Tgt Ion:240 Resp: 206901
 Ion Ratio Lower Upper
 240 100
 120 4.7 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: 3.843 ng

RT: 19.99 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036212.D

Acq: 9 Aug 2018 00:29

Instrument :

BNA_G

ClientSampleId :

CL-02-080718-C

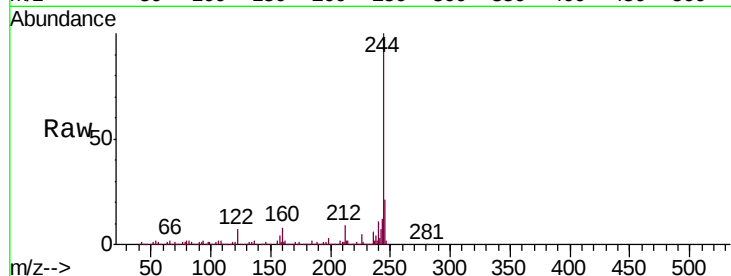
Tgt Ion:184 Resp: 20904

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

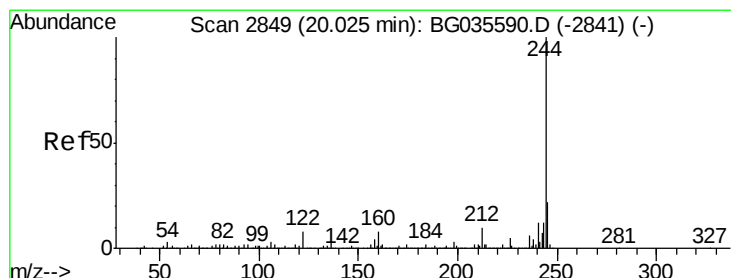
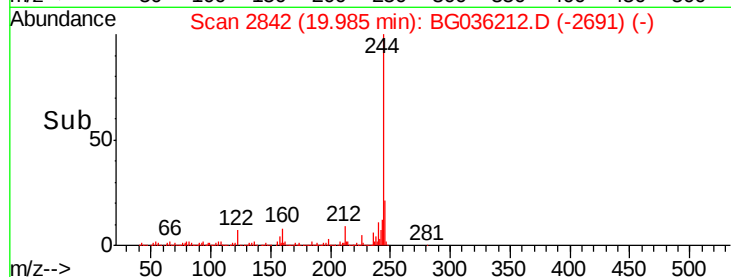
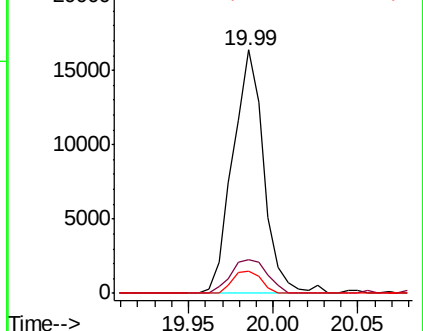
183 9.2 10.6 16.0#



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: 125.189 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036212.D

Acq: 9 Aug 2018 00:29

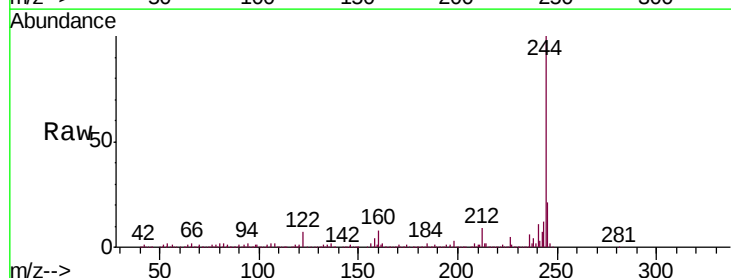
Tgt Ion:244 Resp: 1175053

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

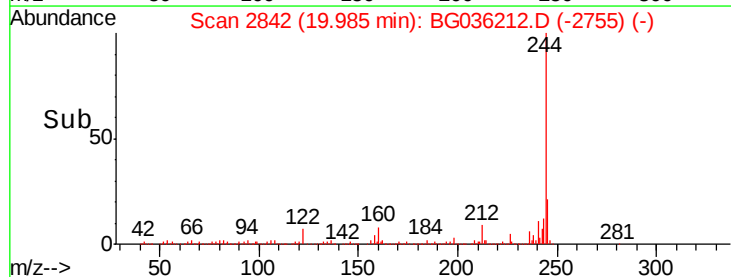
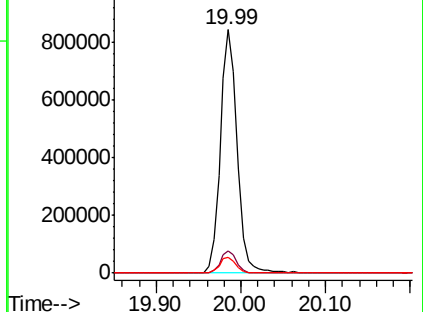
122 6.5 7.0 10.4#

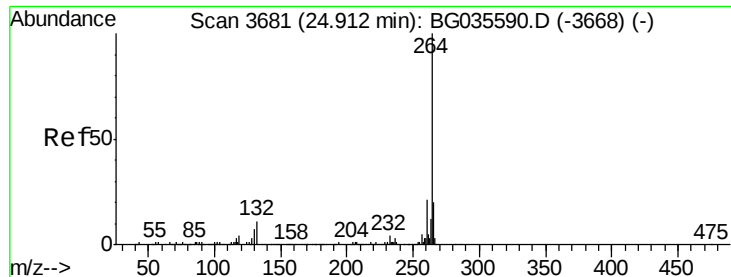


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036212.D
Acq: 9 Aug 2018 00:29

Instrument :
BNA_G
ClientSampleId :
CL-02-080718-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	18.9	17.7	26.5

