

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036295.D
 Acq On : 11 Aug 2018 9:50
 Operator : JU/SJ
 Sample : J4388-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Aug 13 00:49:04 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

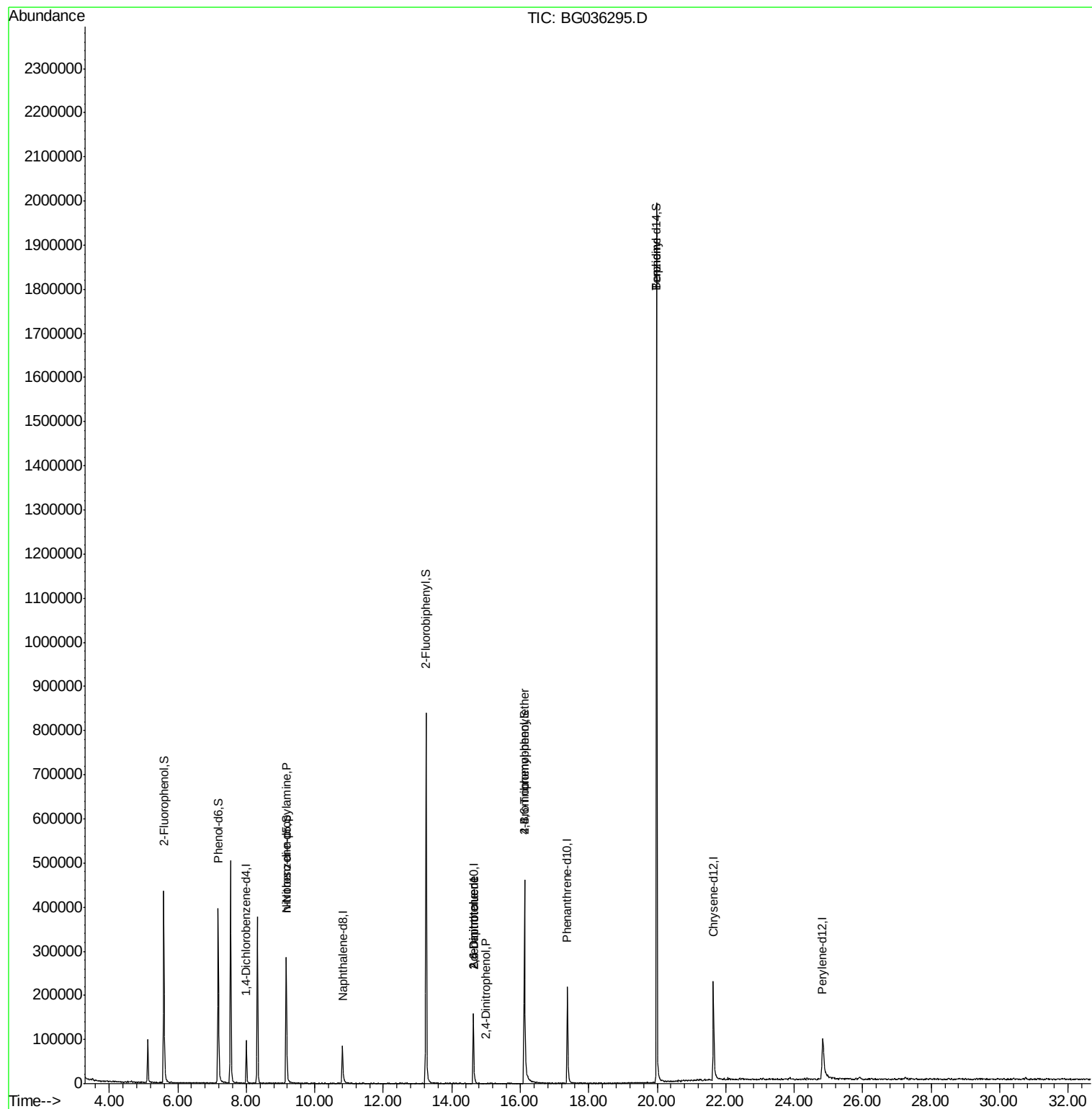
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25904	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	86924	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	67696	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	181480	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	200938	20.00	ng	-0.02
86) Perylene-d12	24.83	264	160965	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	200135	128.27	ng	-0.01
7) Phenol-d6	7.18	99	258457	111.03	ng	-0.01
23) Nitrobenzene-d5	9.17	82	216234	103.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	120586	135.14	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	486775	96.34	ng	-0.02
78) Terphenyl-d14	19.98	244	998700	109.56	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	30712	15.667	ng	# 69
50) 2,6-Dinitrotoluene	14.63	165	9314	7.711	ng	# 18
53) 2,4-Dinitrophenol	14.98	184	58	6.668	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	9314	5.375	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	8907	4.230	ng	# 1
76) Benzidine	19.98	184	17910	3.390	ng	# 88

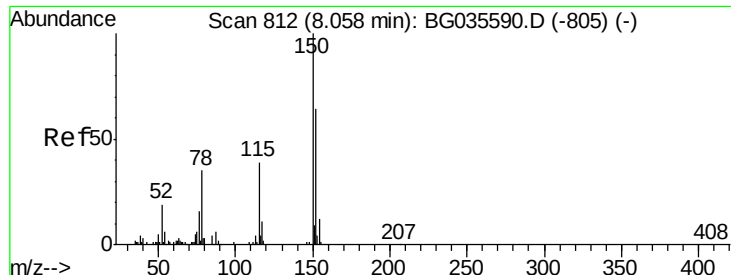
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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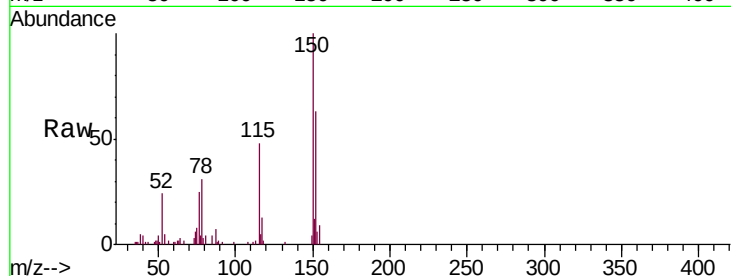


#1

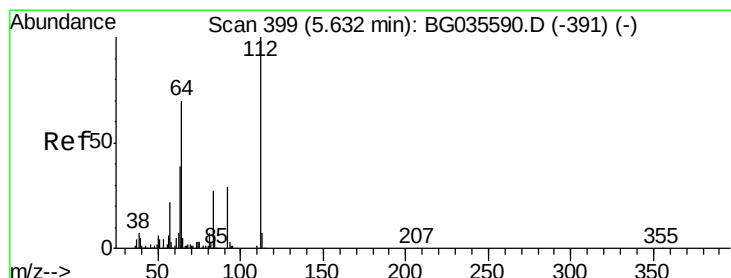
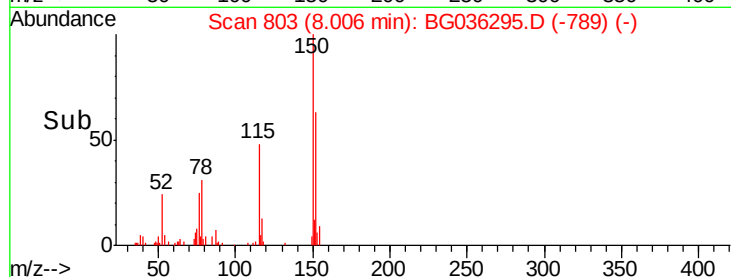
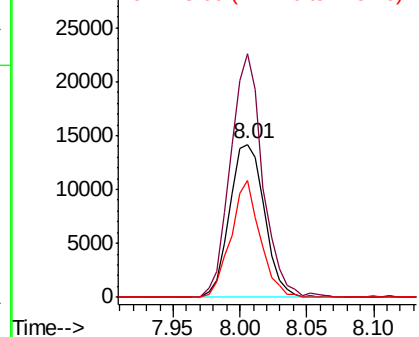
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion:152 Resp: 25904
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.6 189.8
 115 76.0 53.0 79.4



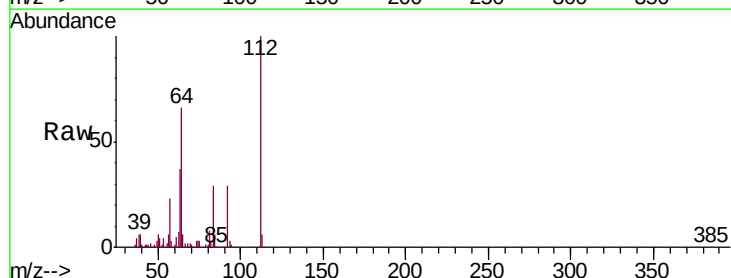
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



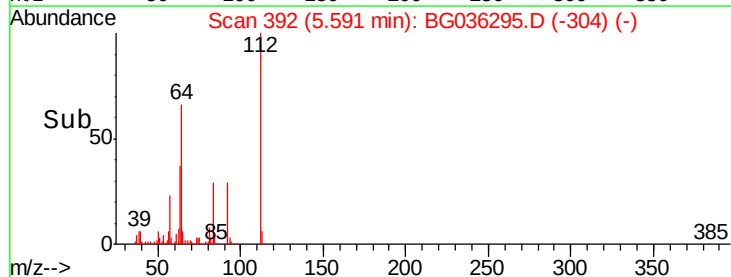
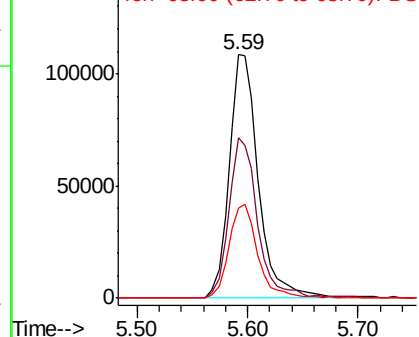
#5

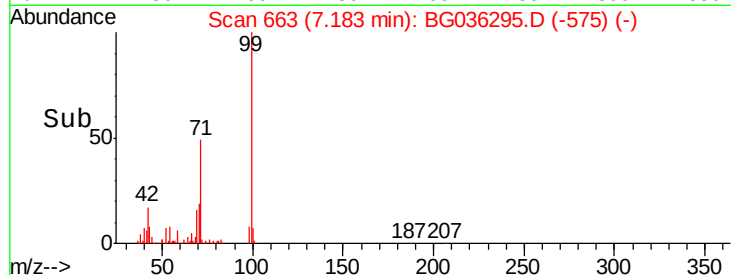
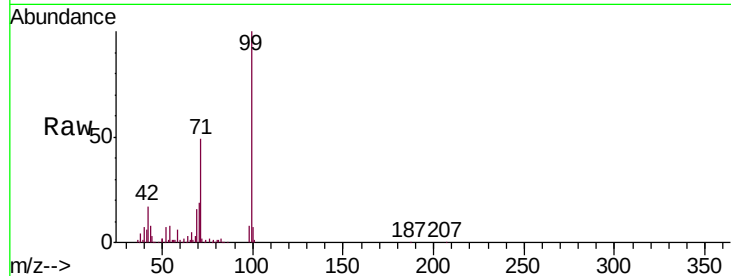
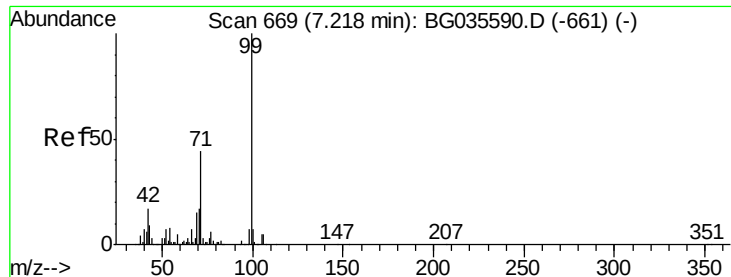
2-Fluorophenol
 Concen: 128.270 ng
 RT: 5.59 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

Tgt Ion:112 Resp: 200135
 Ion Ratio Lower Upper
 112 100
 64 65.9 56.3 84.5
 63 37.1 30.1 45.1



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: 111.026 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

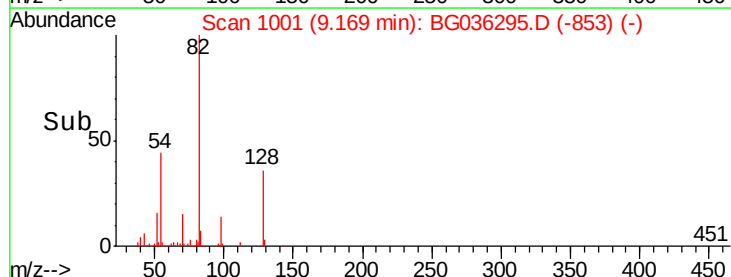
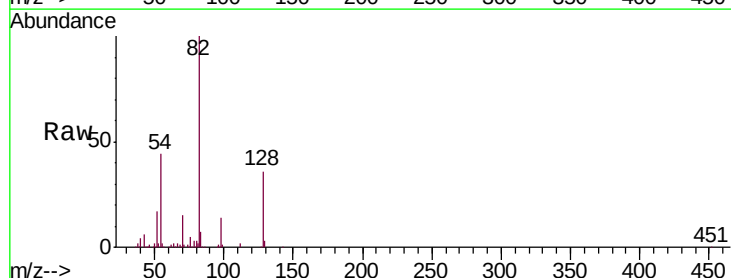
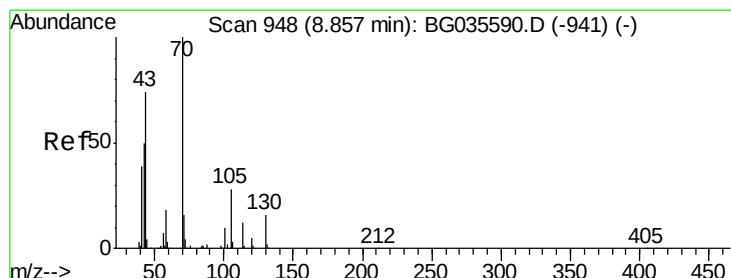
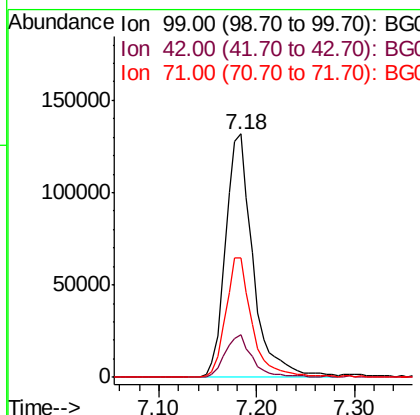
Lab File: BG036295.D

Acq: 11 Aug 2018 9:50

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 258457

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.1	21.1
71	49.0	26.1	39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.667 ng

RT: 9.17 min Scan# 1001

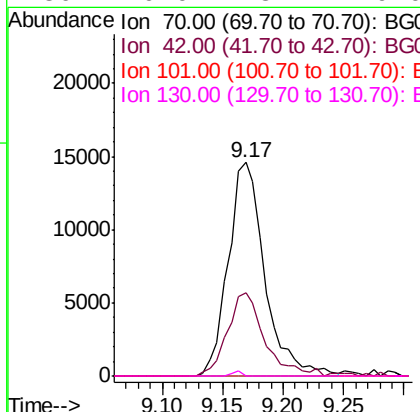
Delta R.T. 0.34 min

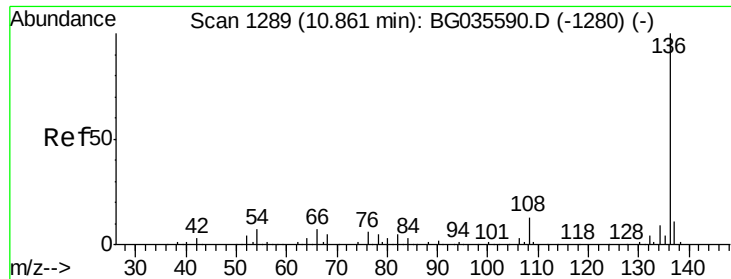
Lab File: BG036295.D

Acq: 11 Aug 2018 9:50

Tgt Ion: 70 Resp: 30712

Ion	Ratio	Lower	Upper
70	100		
42	39.0	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

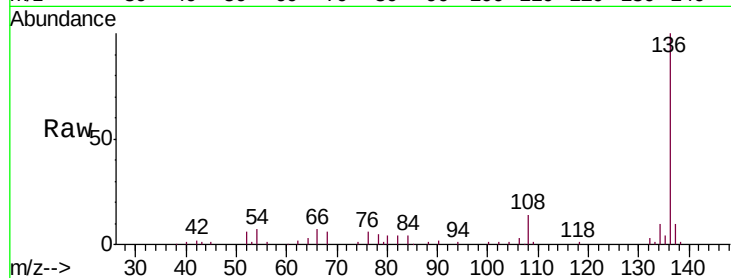




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036295.D
Acq: 11 Aug 2018 9:50

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:	136	Resp:	86924
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	6.7	10.3	15.5#
68	6.1	4.5	6.7



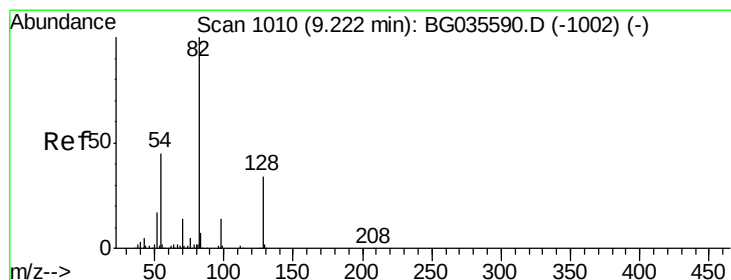
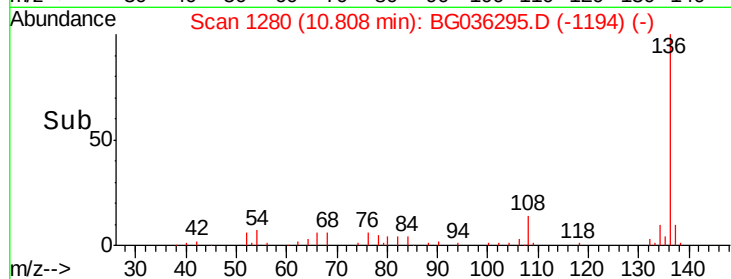
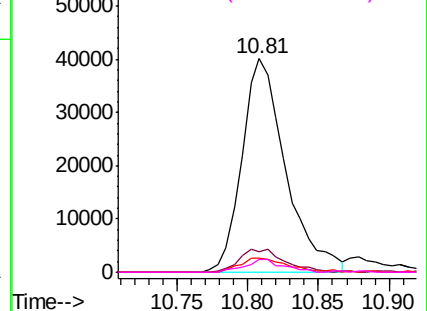
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

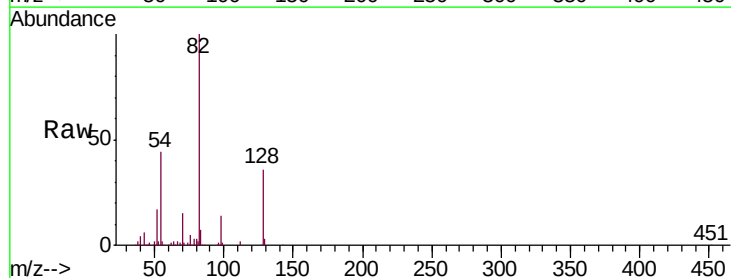
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 103.920 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036295.D
Acq: 11 Aug 2018 9:50

Tgt Ion:	82	Resp:	216234
Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	44.5	43.1	64.7

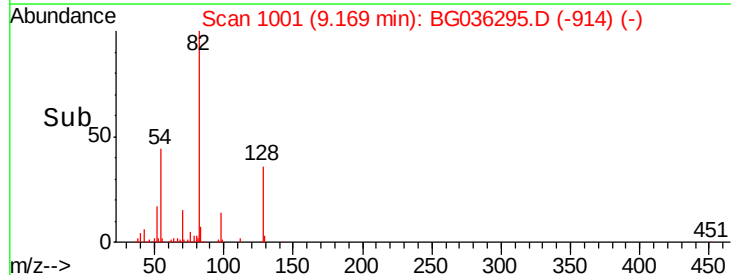
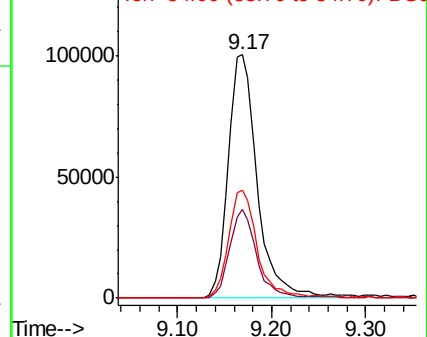


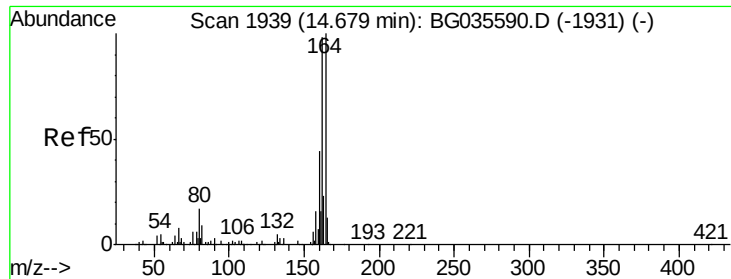
Abundance

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: BG036295.D

Acq: 11 Aug 2018 9:50

Instrument :

BNA_G

ClientSampleId :

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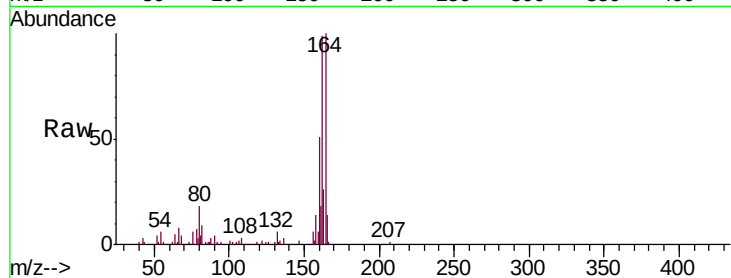
Tgt Ion:164 Resp: 67696

Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

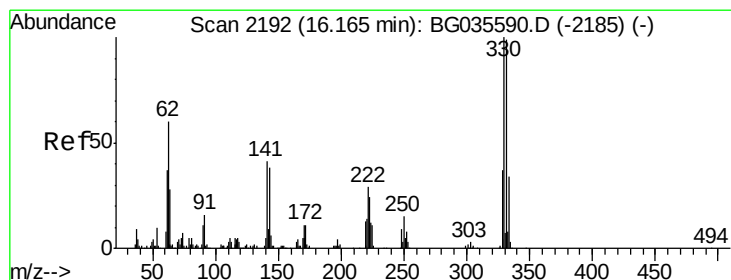
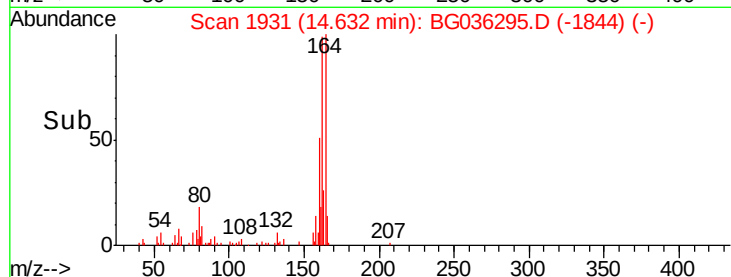
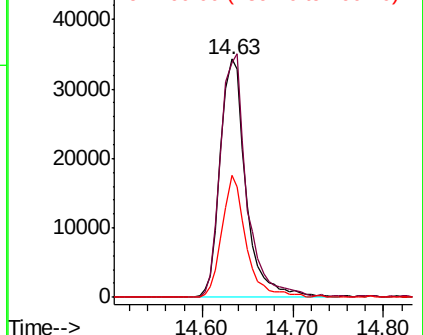
160 51.3 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 135.144 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036295.D

Acq: 11 Aug 2018 9:50

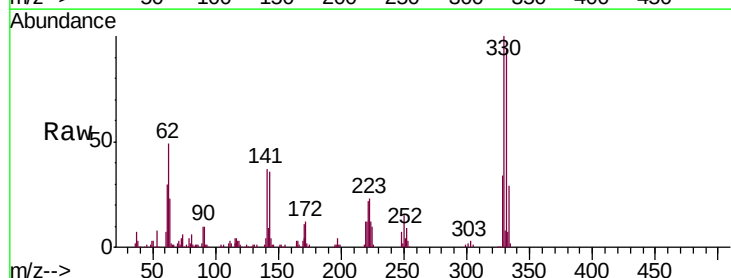
Tgt Ion:330 Resp: 120586

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

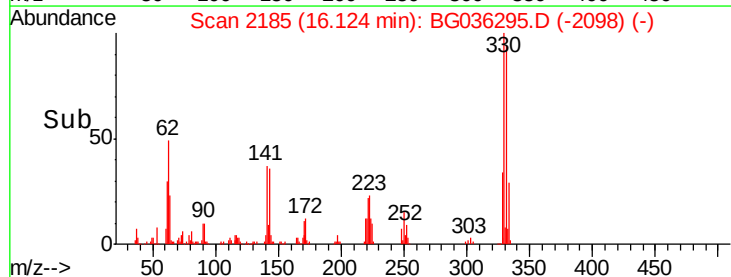
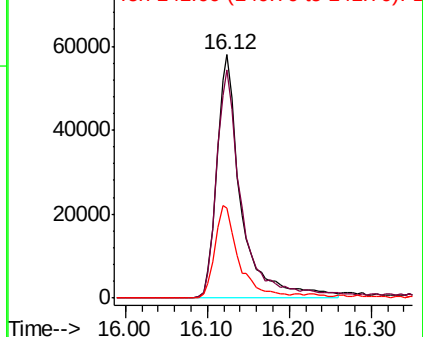
141 37.3 25.2 37.8

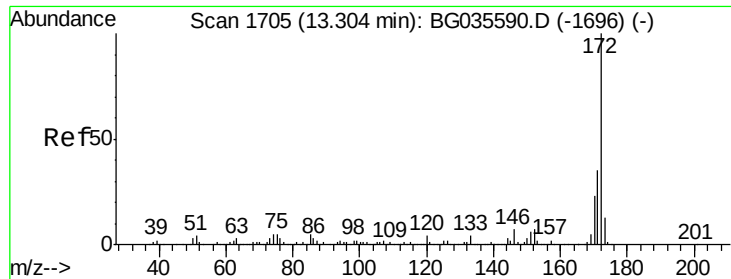


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

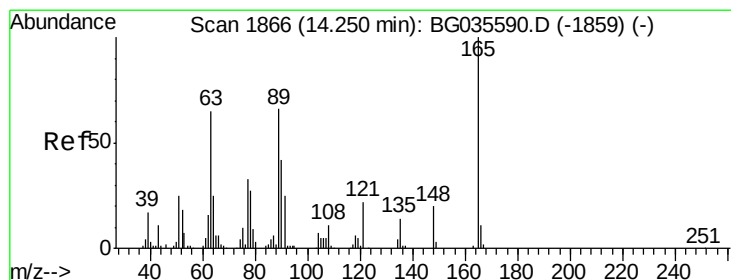
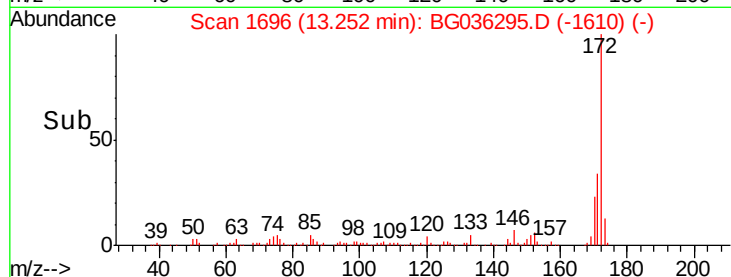
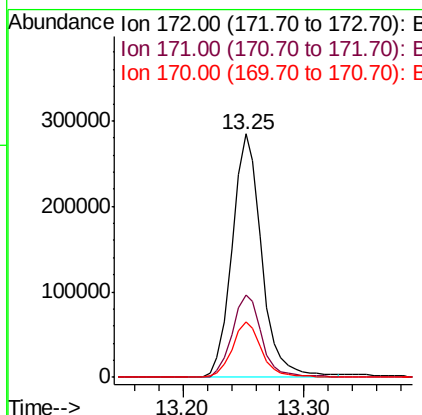
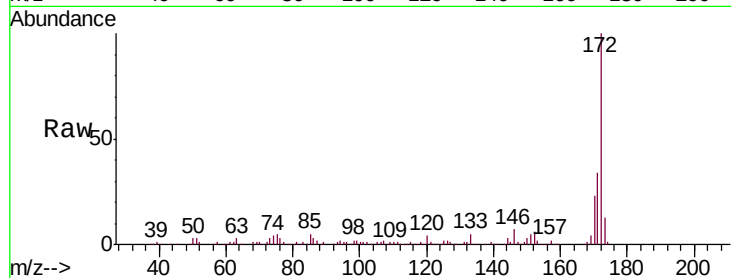




#44
 2-Fluorobiphenyl
 Concen: 96.335 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

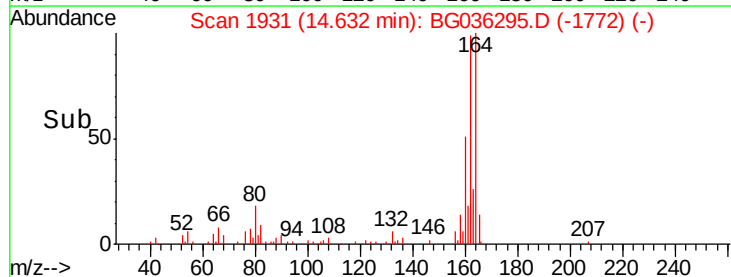
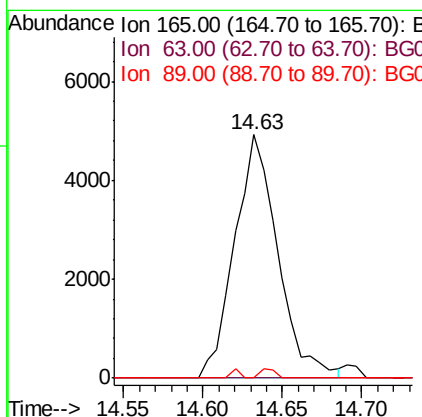
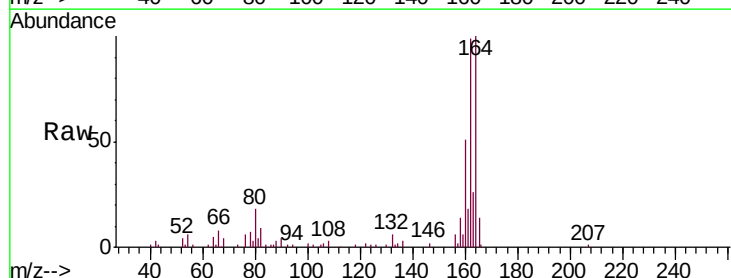
Instrument :
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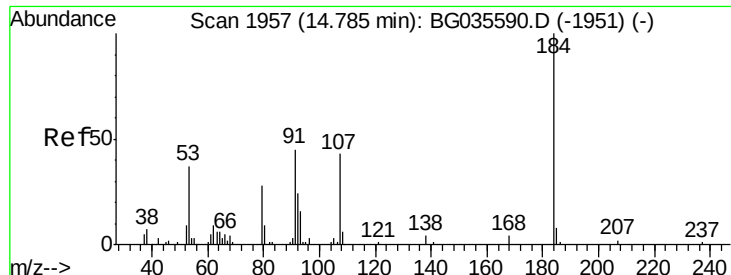
Tgt Ion:172 Resp: 486775
 Ion Ratio Lower Upper
 172 100
 171 33.6 30.0 45.0
 170 22.9 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.711 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.40 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

Tgt Ion:165 Resp: 9314
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

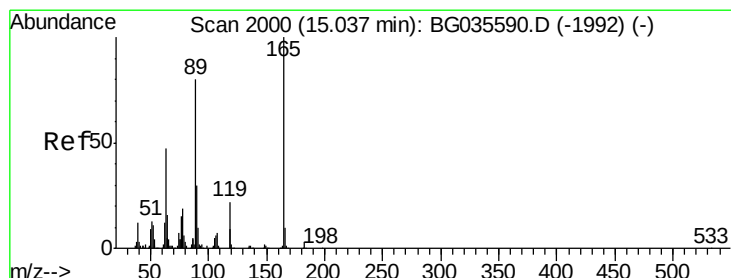
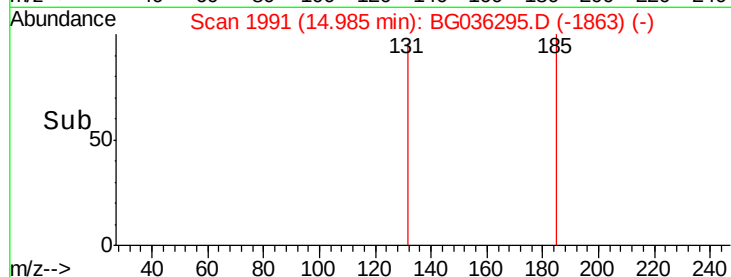
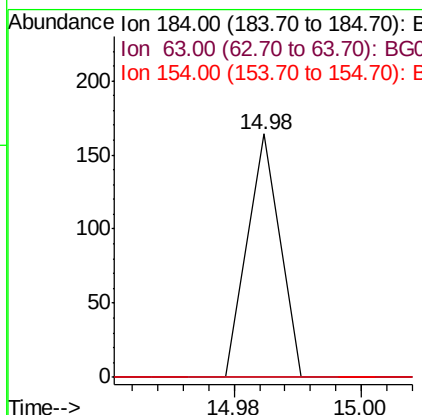
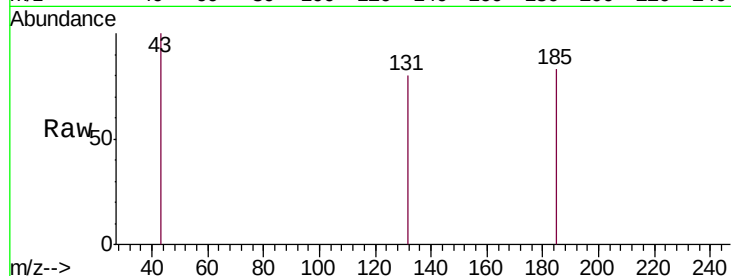




#53
 2,4-Dinitrophenol
 Concen: 6.668 ng
 RT: 14.98 min Scan# 1991
 Delta R.T. 0.22 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

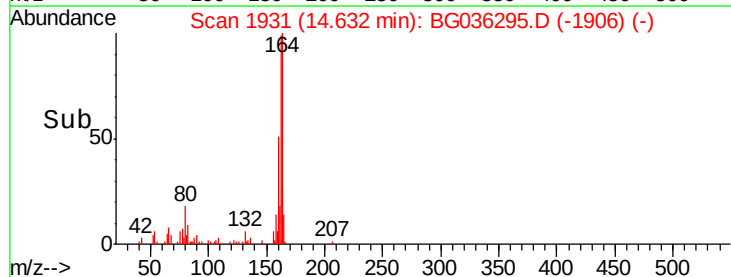
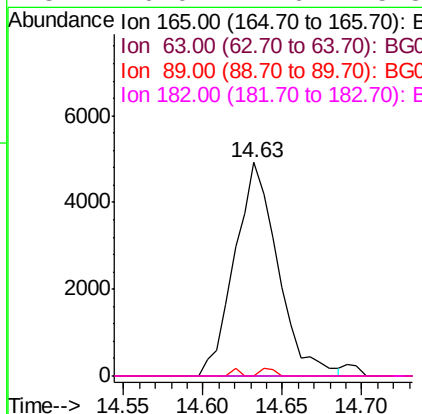
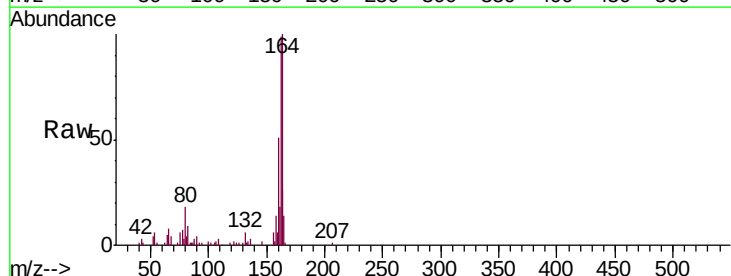
Instrument :
 BNA_G
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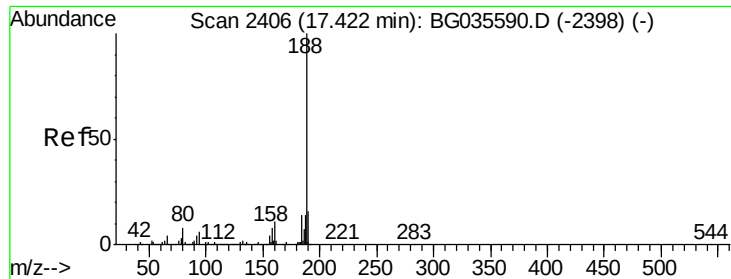
Tgt Ion:184 Resp: 58
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.375 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

Tgt Ion:165 Resp: 9314
 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#

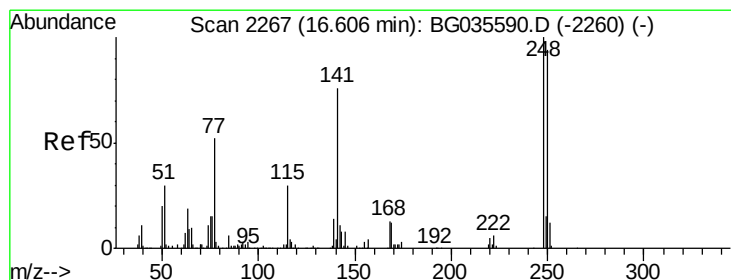
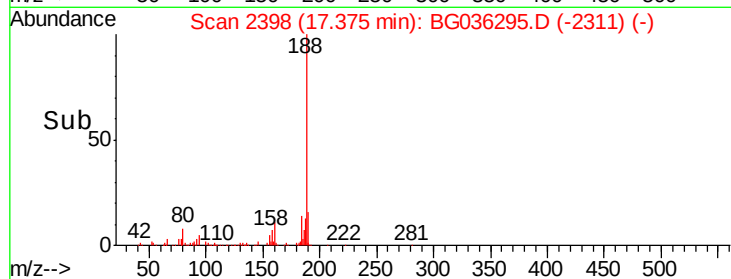
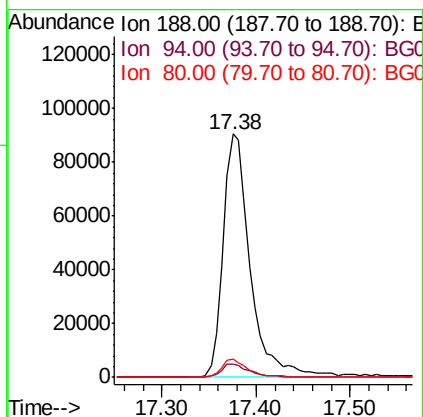
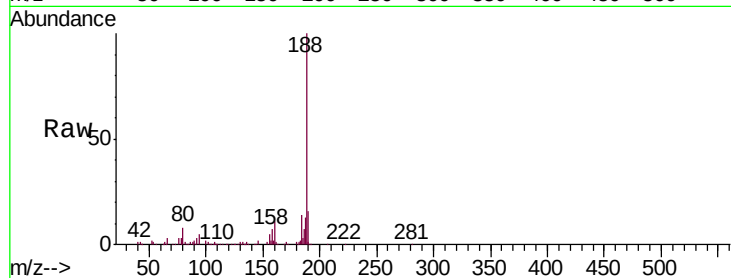




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036295.D
Acq: 11 Aug 2018 9:50

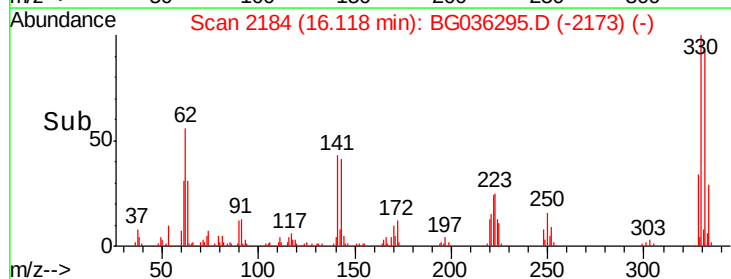
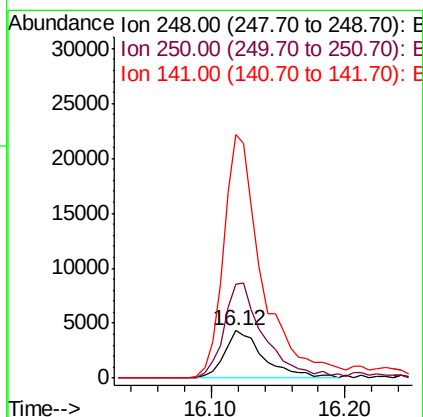
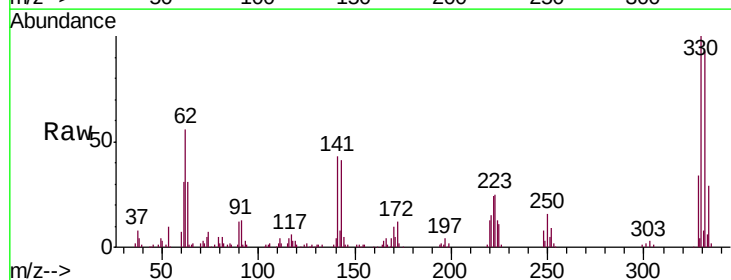
Instrument :
BNA_G
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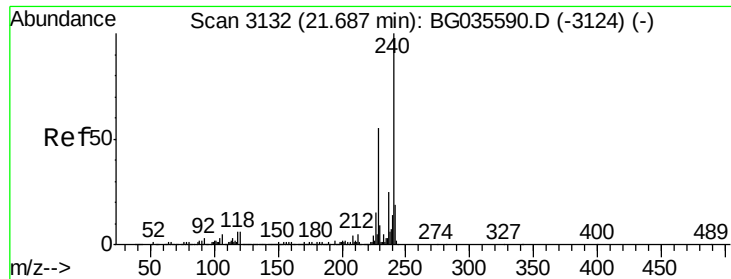
Tgt Ion:188 Resp: 181480
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 7.7 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 4.230 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.46 min
Lab File: BG036295.D
Acq: 11 Aug 2018 9:50

Tgt Ion:248 Resp: 8907
Ion Ratio Lower Upper
248 100
250 198.0 77.1 115.7#
141 511.8 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036295.D

Acq: 11 Aug 2018 9:50

Instrument :

BNA_G

ClientSampleId :

COMP-1

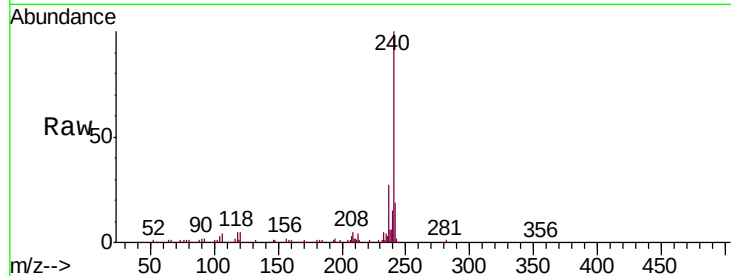
Tgt Ion:240 Resp: 200938

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

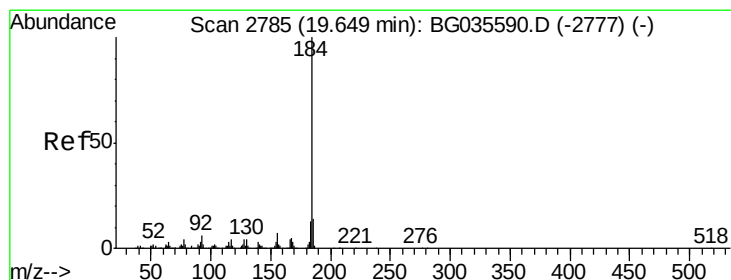
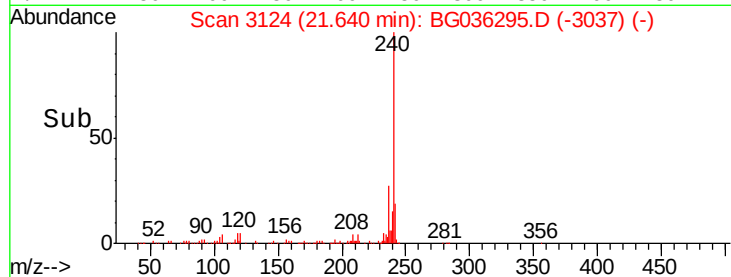
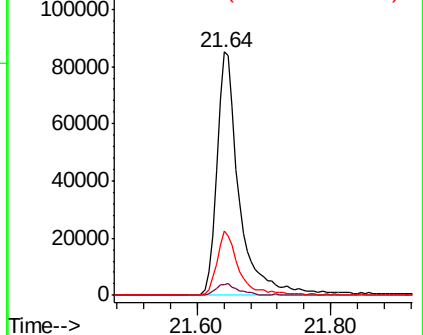
236 26.6 20.9 31.3



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: 3.390 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036295.D

Acq: 11 Aug 2018 9:50

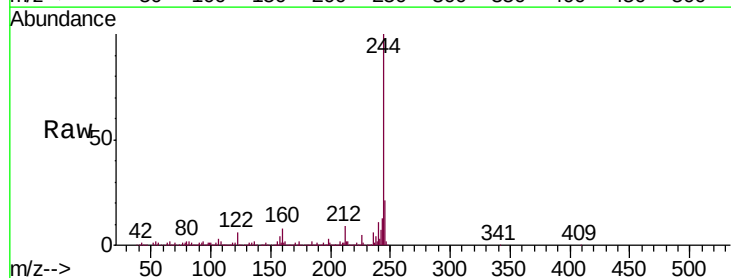
Tgt Ion:184 Resp: 17910

Ion Ratio Lower Upper

184 100

185 20.2 11.1 16.7#

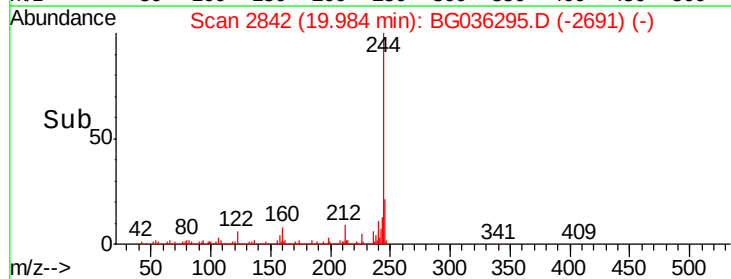
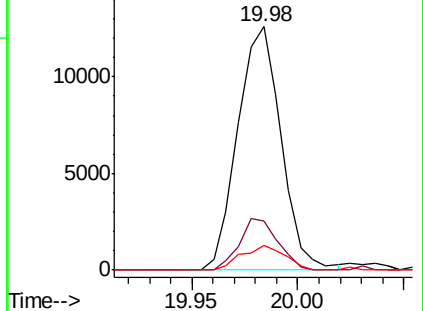
183 9.9 10.6 16.0#

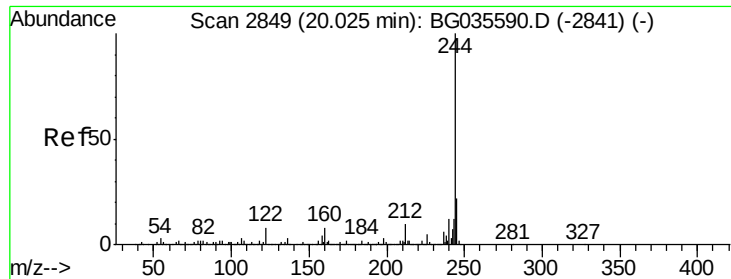


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

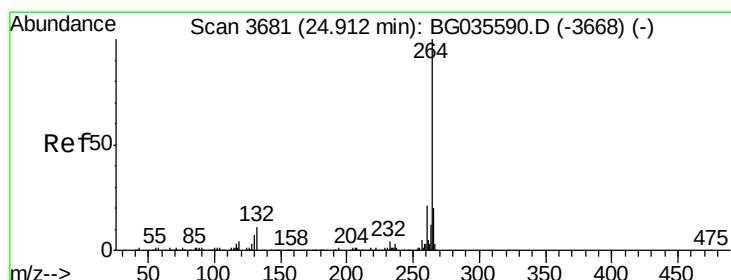
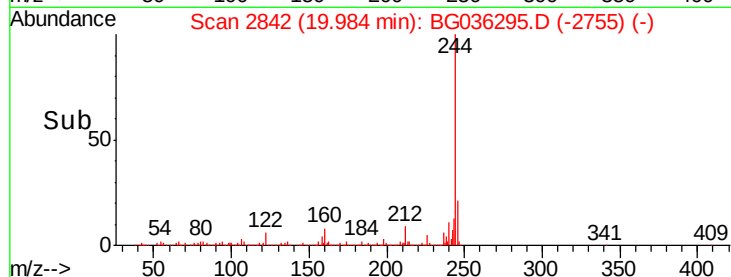
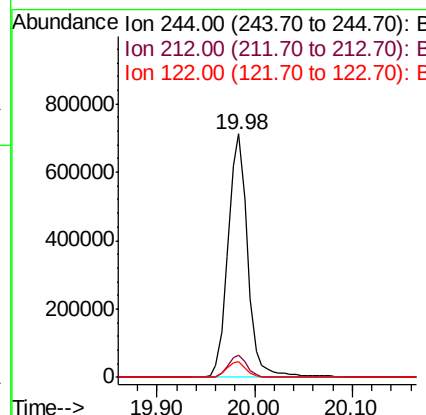
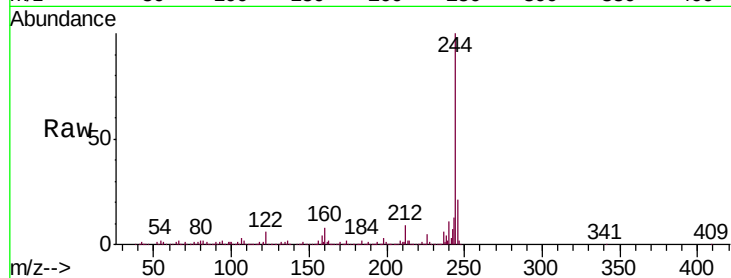




#78
 Terphenyl-d14
 Concen: 109.558 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 998700
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 6.4 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036295.D
 Acq: 11 Aug 2018 9:50

Tgt Ion:264 Resp: 160965
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.4 26.0
 265 19.5 17.7 26.5

