

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036172.D
 Acq On : 7 Aug 2018 21:40
 Operator : JU/SJ
 Sample : J4330-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 08 01:05:06 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

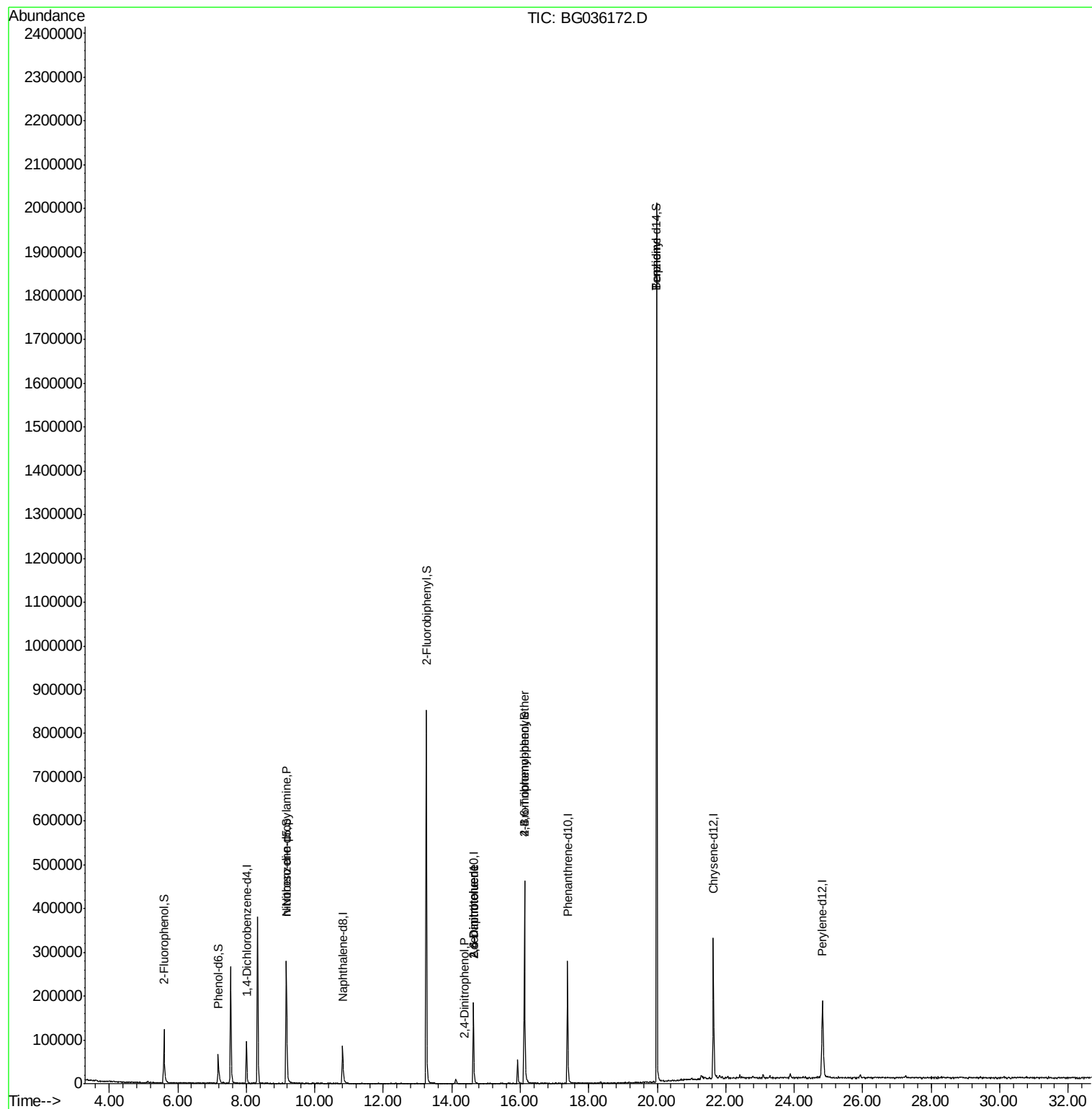
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28459	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	95403	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	69816	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	207344	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	233637	20.00	ng	-0.02
86) Perylene-d12	24.83	264	216218	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	62239	36.31	ng	0.00
7) Phenol-d6	7.18	99	53729	21.01	ng	-0.01
23) Nitrobenzene-d5	9.17	82	218332	95.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	102683	111.59	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	504610	96.83	ng	-0.02
78) Terphenyl-d14	19.98	244	982392	92.69	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	29885	13.877	ng	# 69
50) 2,6-Dinitrotoluene	14.63	165	9591	7.700	ng	# 18
53) 2,4-Dinitrophenol	14.38	184	55	6.661	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	9591	5.367	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	8321	3.459	ng	# 1
76) Benzidine	19.98	184	16508	2.688	ng	# 95

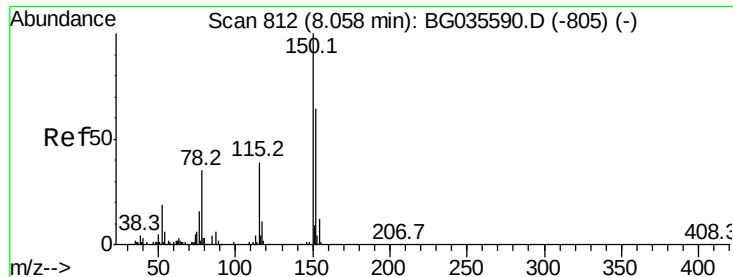
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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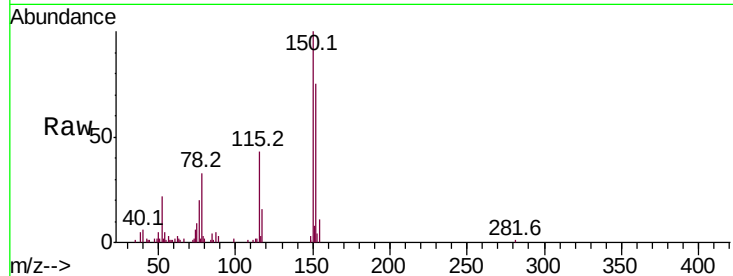


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.7	126.6	189.8
115	57.9	53.0	79.4

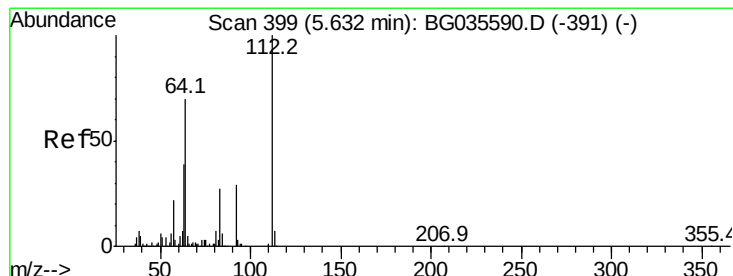
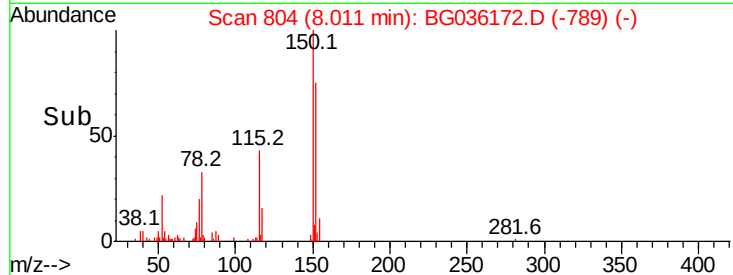
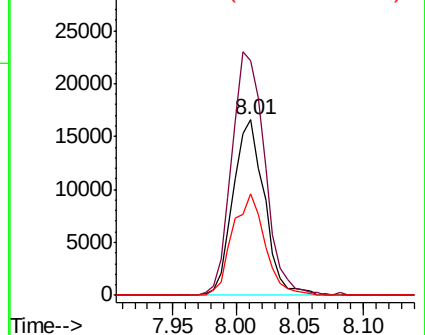


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

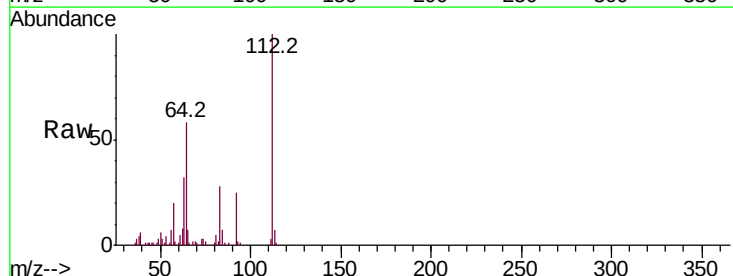
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 36.309 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	56.3	84.5
63	32.3	30.1	45.1

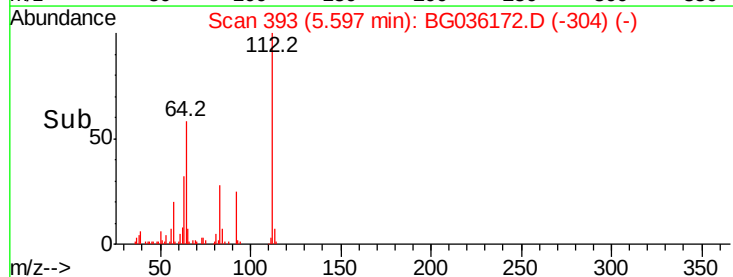
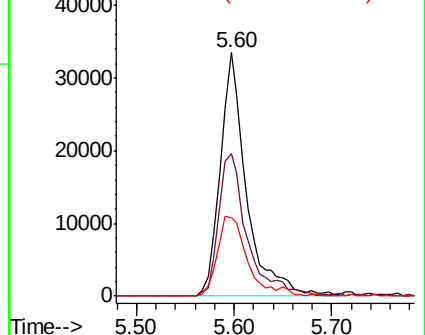


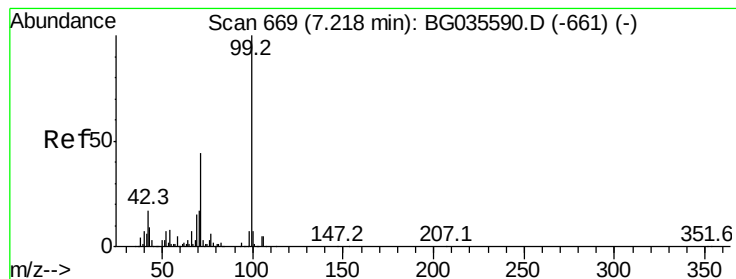
Abundance

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: 21.008 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036172.D

Acq: 7 Aug 2018 21:40

Instrument :

BNA_G

ClientSampleId :

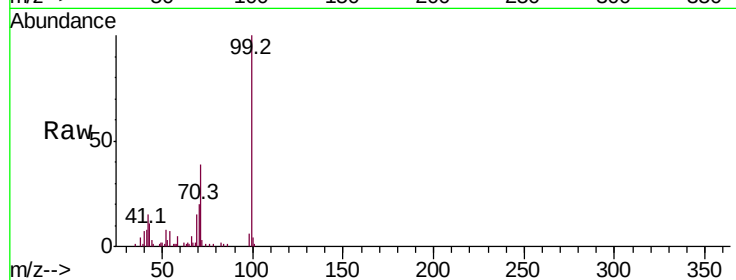
Tot Ion: 99 Resp: 53729

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

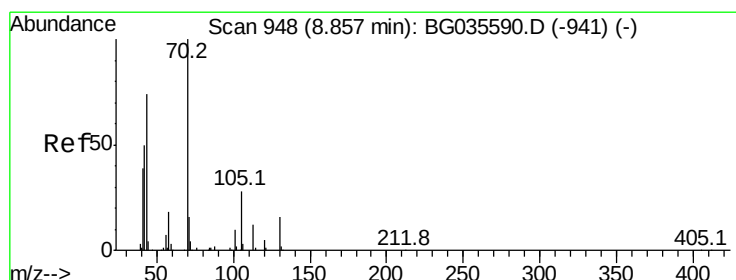
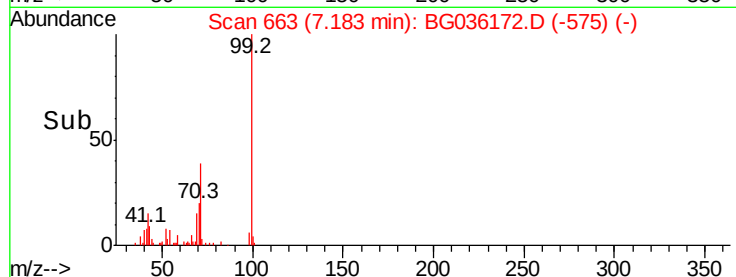
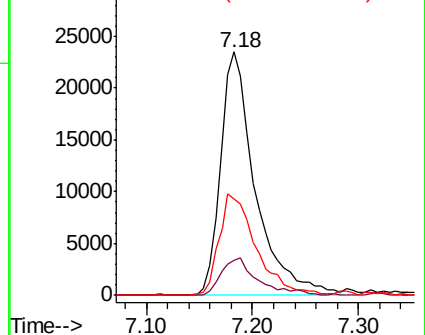
71 39.4 26.1 39.1#



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: 13.877 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036172.D

Acq: 7 Aug 2018 21:40

Tgt Ion: 70 Resp: 29885

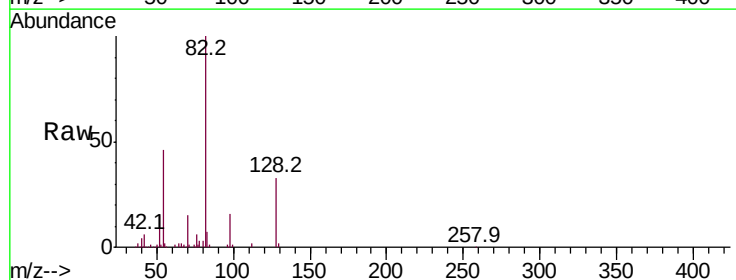
Ion Ratio Lower Upper

70 100

42 39.0 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

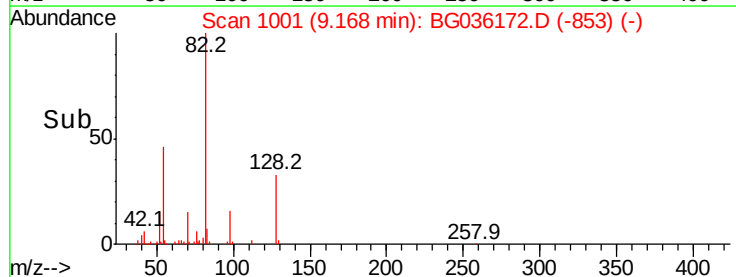
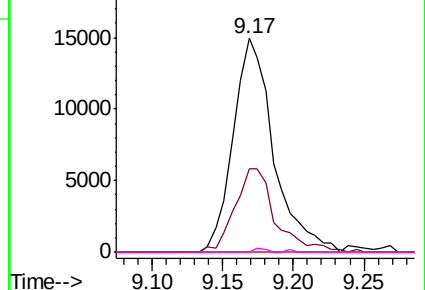


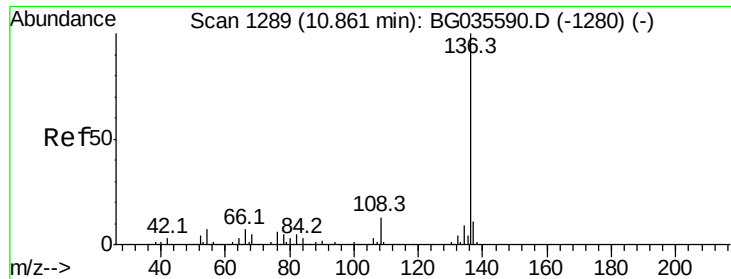
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

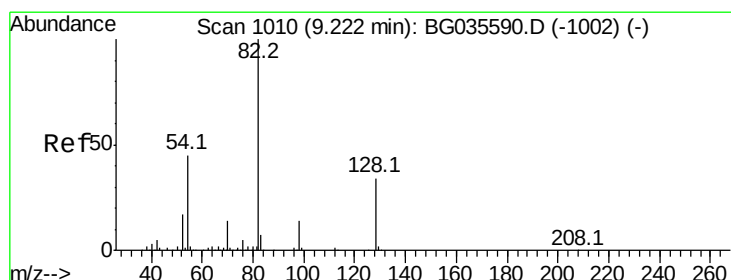
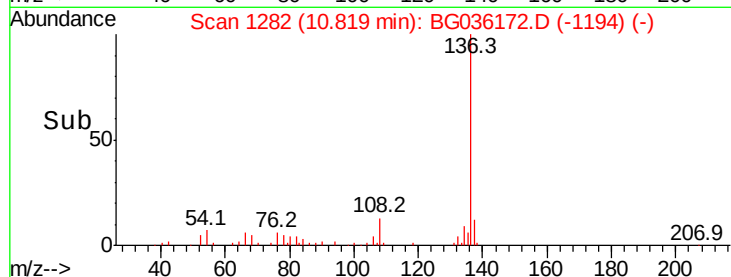
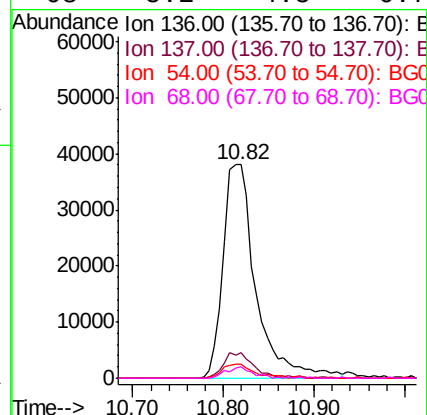
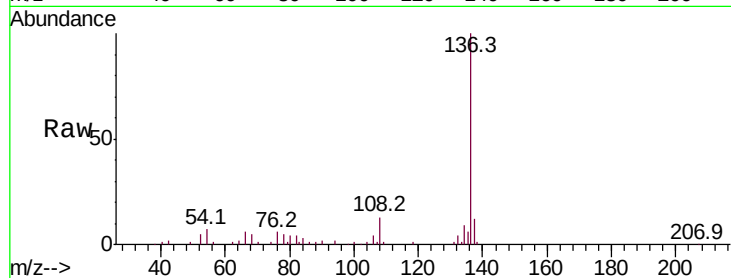




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

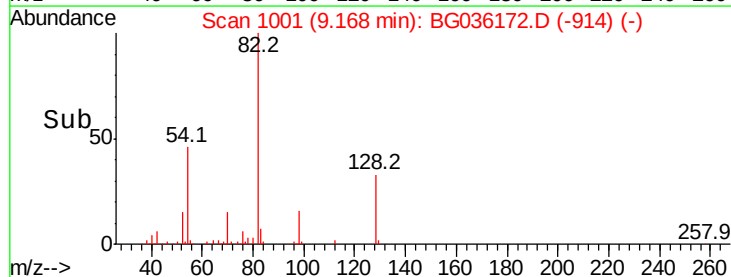
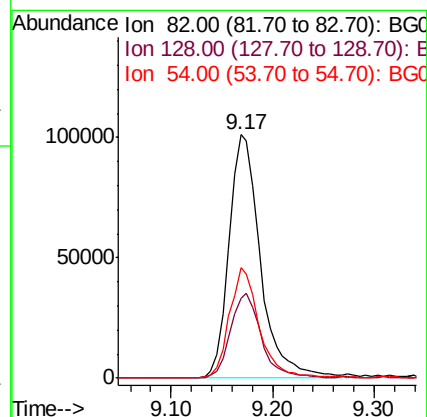
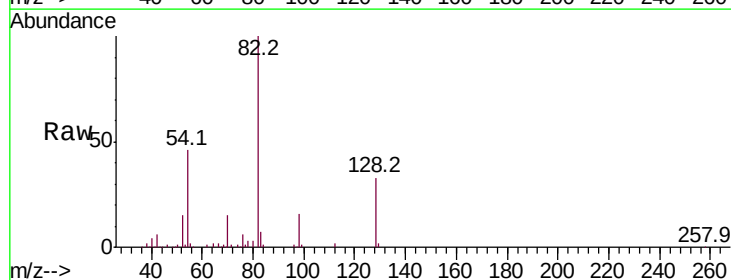
Instrument :
BNA_G
ClientSampleId :

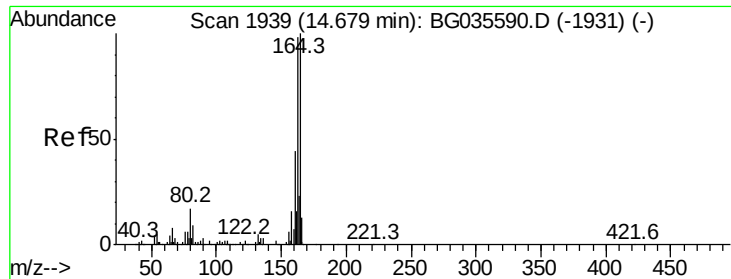
Tot Ion:	136	Resp:	95403
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	6.8	10.3	15.5
68	5.2	4.5	6.7



#23
Nitrobenzene-d5
Concen: 95.602 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

Tgt Ion:	82	Resp:	218332
Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	45.5	43.1	64.7

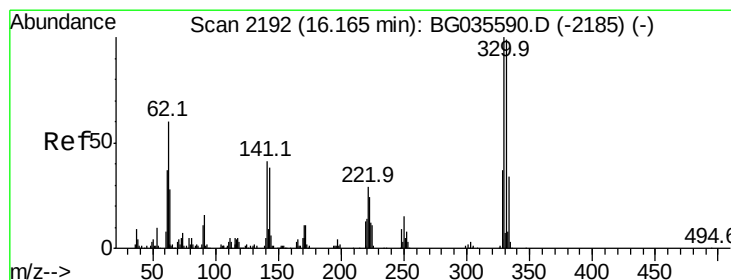
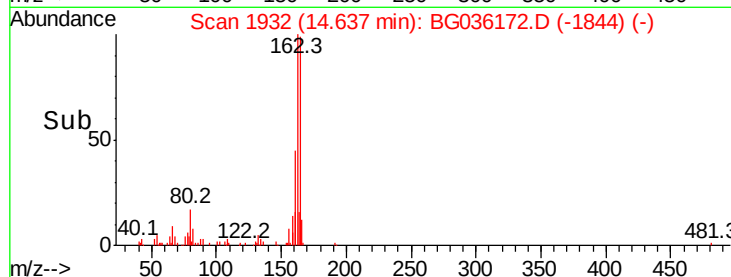
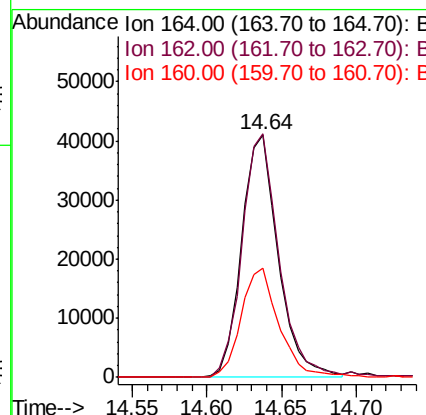
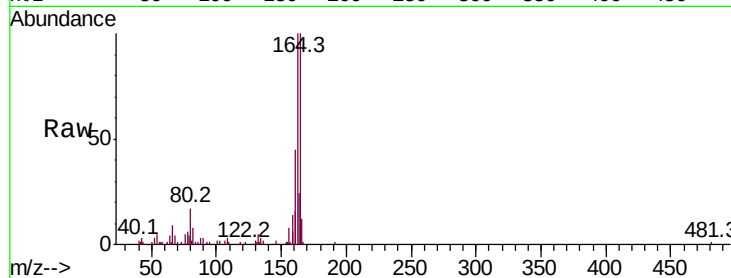




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

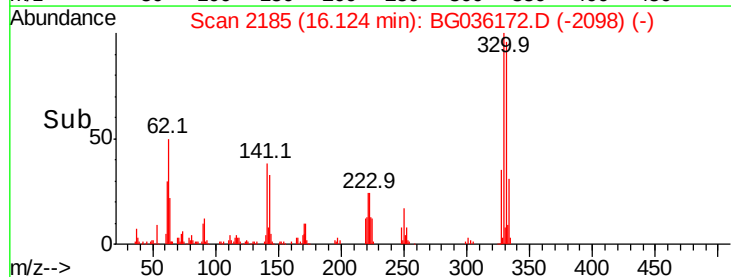
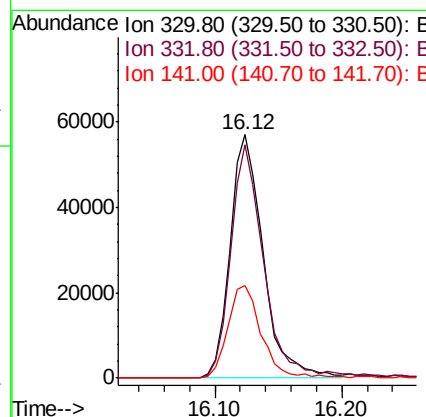
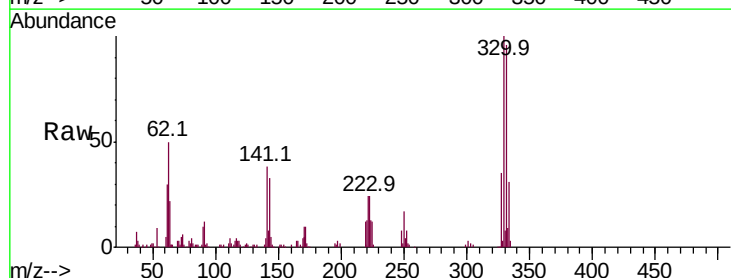
Instrument :
BNA_G
ClientSampleId :

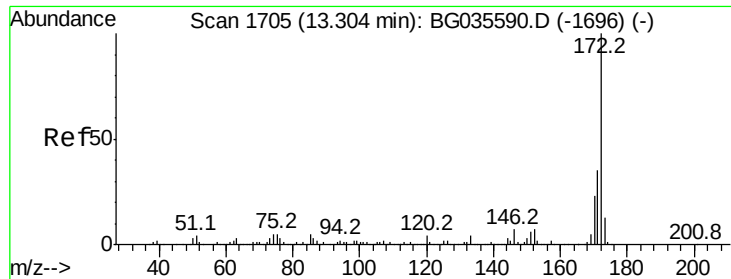
Tot Ion:164 Resp: 69816
Ion Ratio Lower Upper
164 100
162 100.3 78.8 118.2
160 45.2 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 111.585 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036172.D
Acq: 7 Aug 2018 21:40

Tgt Ion:330 Resp: 102683
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 38.8 25.2 37.8#

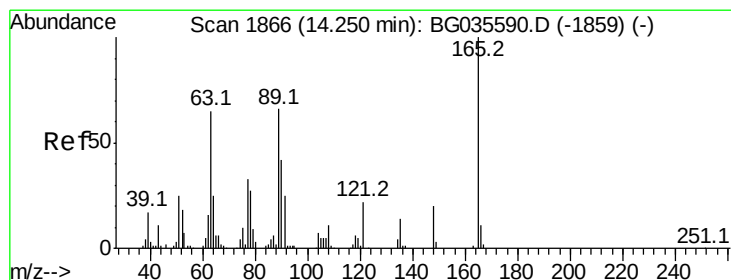
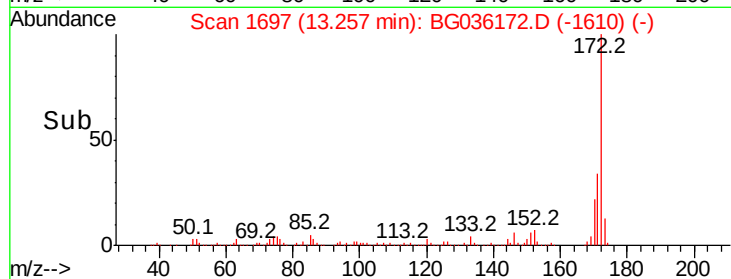
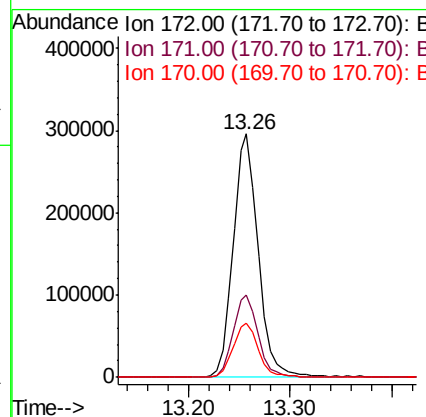
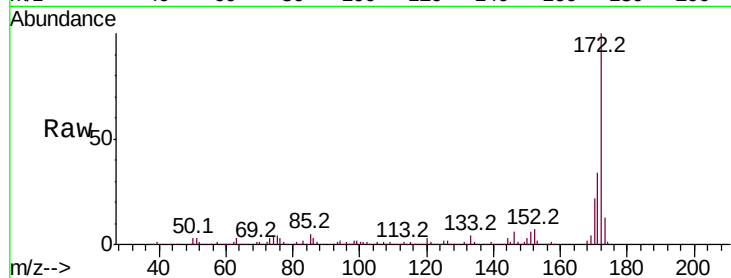




#44
 2-Fluorobiphenyl
 Concen: 96.833 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036172.D
 Acq: 7 Aug 2018 21:40

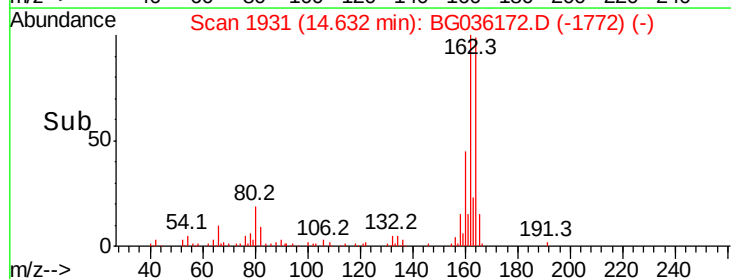
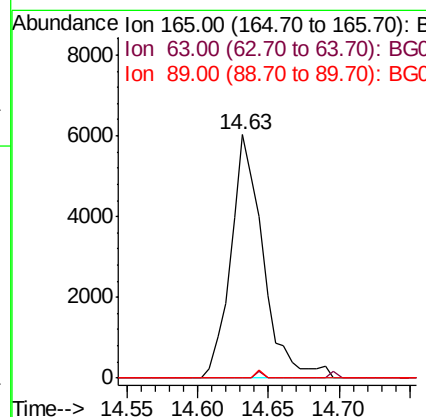
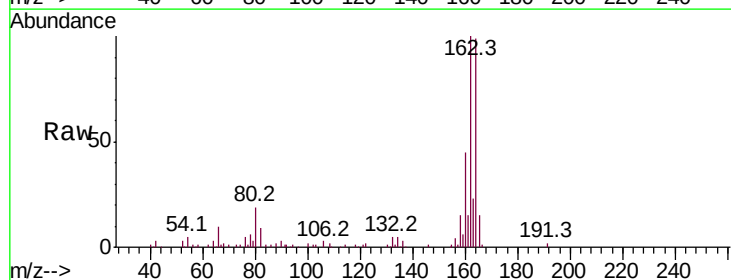
Instrument :
 BNA_G
 ClientSampleId :

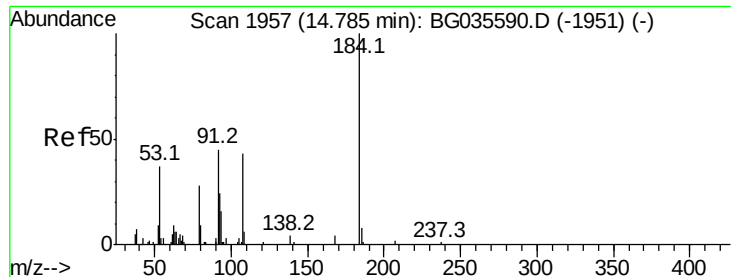
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	22.3	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.700 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.40 min
 Lab File: BG036172.D
 Acq: 7 Aug 2018 21:40

Tgt 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: 6.661 ng

RT: 14.38 min Scan# 1888

Delta R.T. -0.38 min

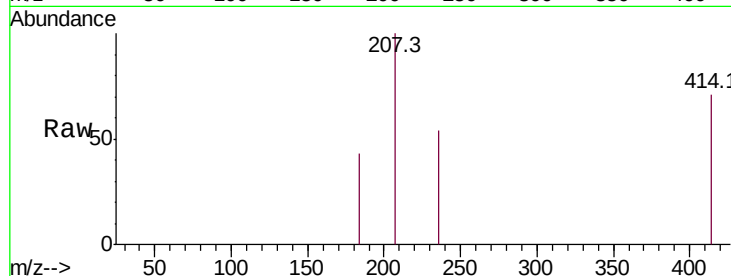
Lab File: BG036172.D

Acq: 7 Aug 2018 21:40

Instrument :

BNA_G

ClientSampleId :



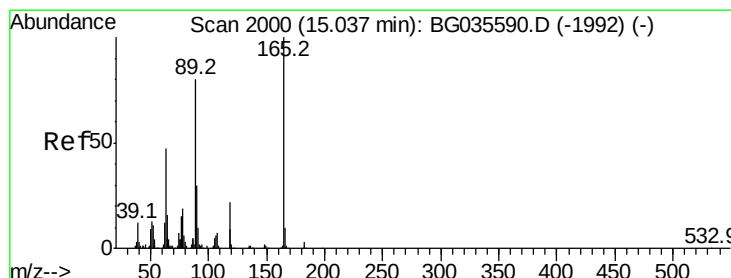
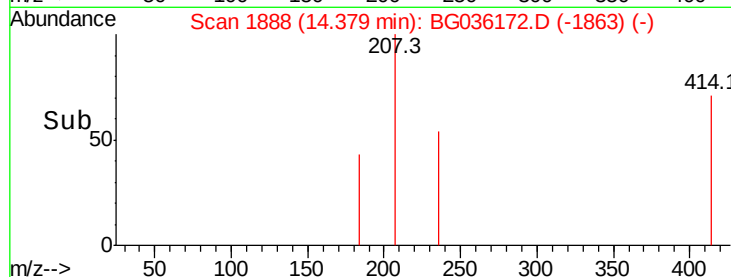
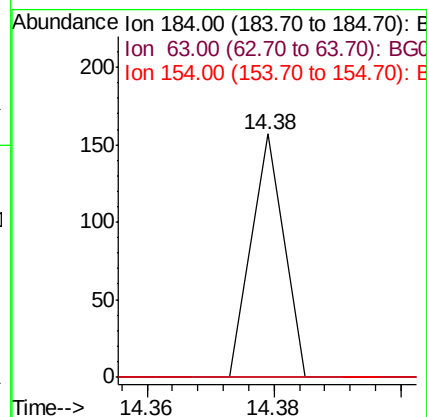
Tot Ion:184 Resp: 55

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: 5.367 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.38 min

Lab File: BG036172.D

Acq: 7 Aug 2018 21:40

Tgt Ion:165 Resp: 9591

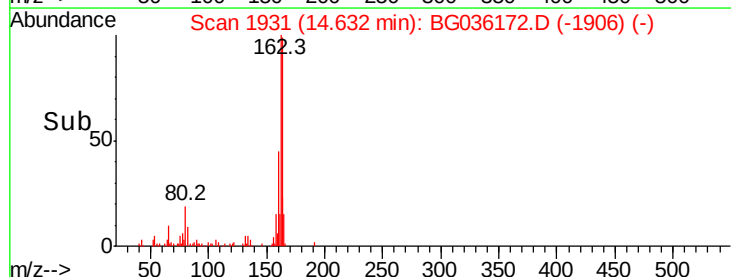
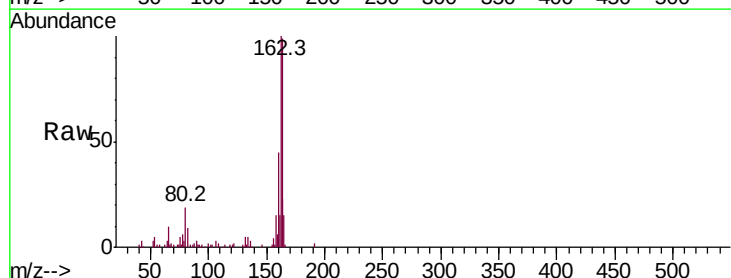
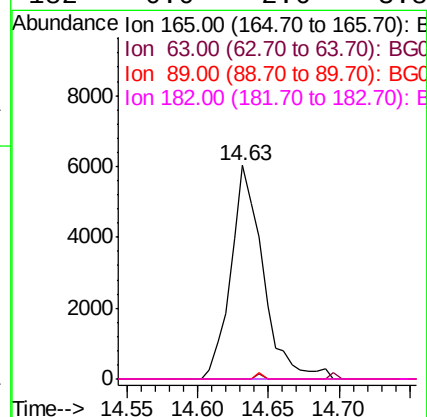
Ion Ratio Lower Upper

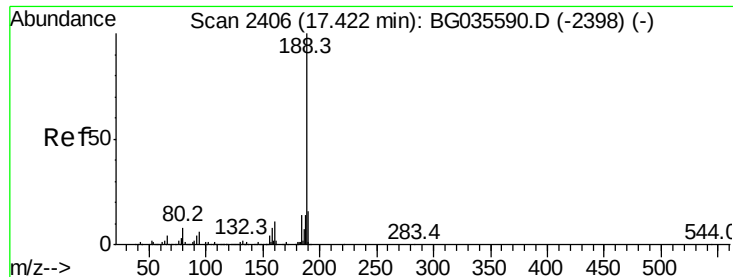
165 100

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# 2399

Delta R.T. -0.01 min

Lab File: BG036172.D

Acq: 7 Aug 2018 21:40

Instrument :

BNA_G

ClientSampleId :

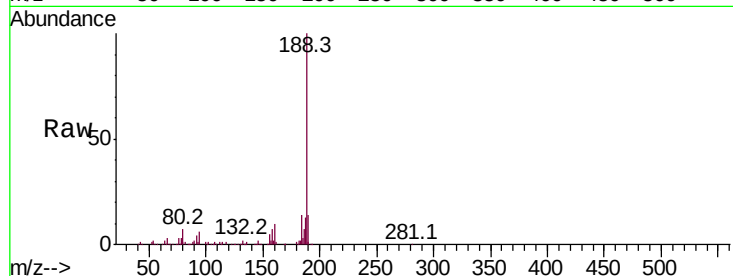
Tot Ion:188 Resp: 207344

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

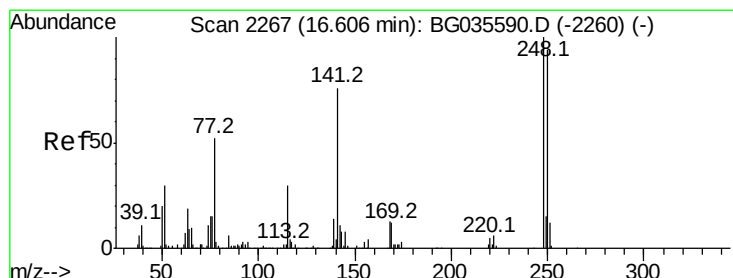
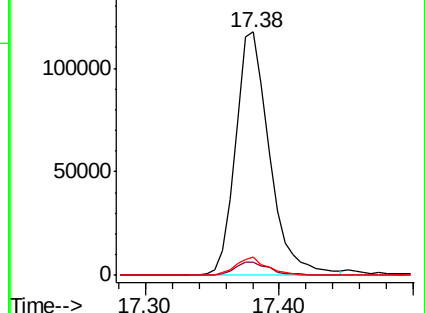
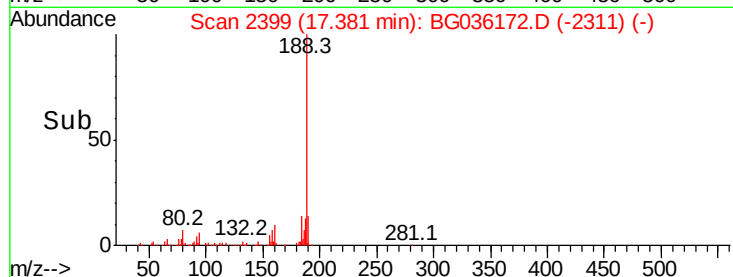
80 7.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.459 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.46 min

Lab File: BG036172.D

Acq: 7 Aug 2018 21:40

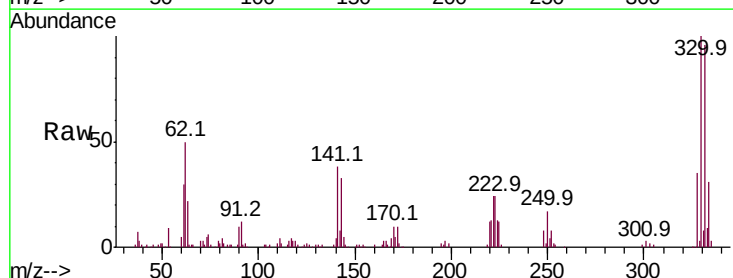
Tgt Ion:248 Resp: 8321

Ion Ratio Lower Upper

248 100

250 223.7 77.1 115.7#

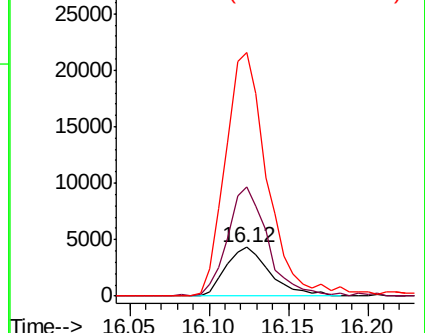
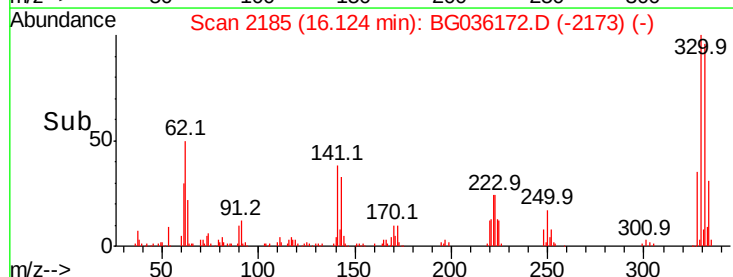
141 500.8 50.8 76.2#

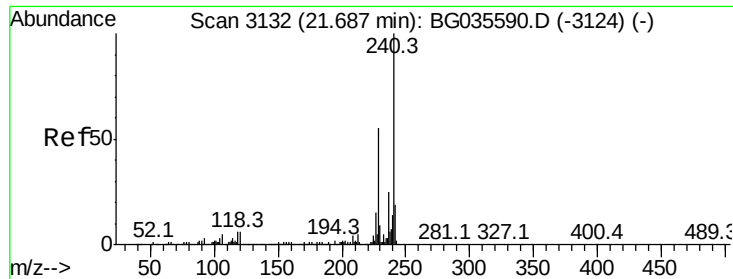


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG036172.D

Acq: 7 Aug 2018 21:40

Instrument :

BNA_G

ClientSampleId :

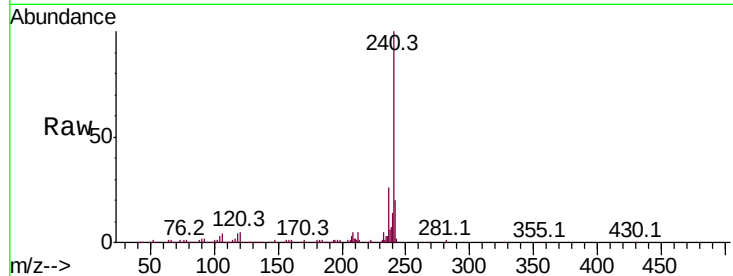
Tot Ion:240 Resp: 233637

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

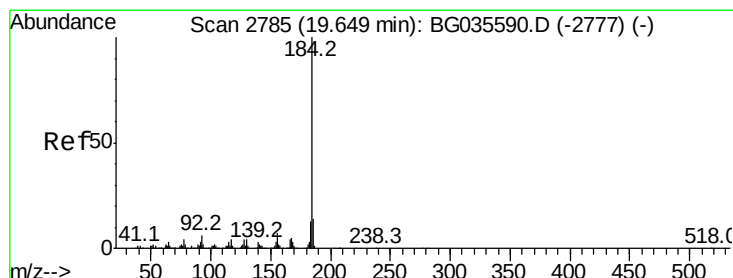
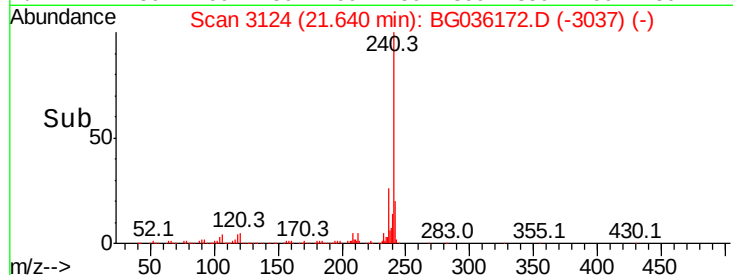
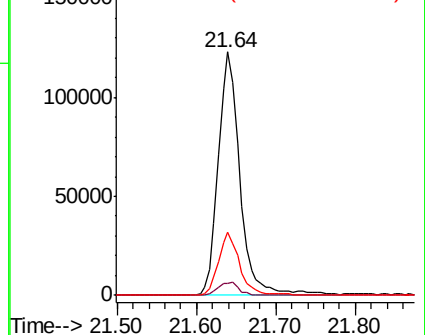
236 26.1 20.9 31.3



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: 2.688 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036172.D

Acq: 7 Aug 2018 21:40

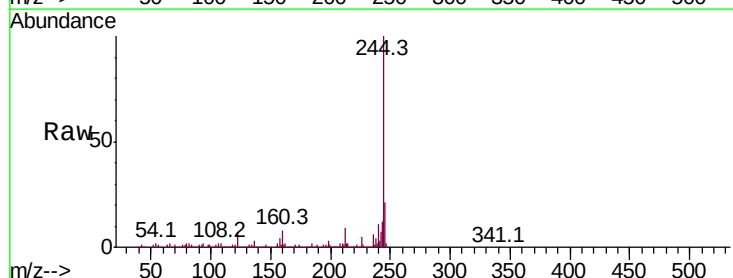
Tgt Ion:184 Resp: 16508

Ion Ratio Lower Upper

184 100

185 16.9 11.1 16.7#

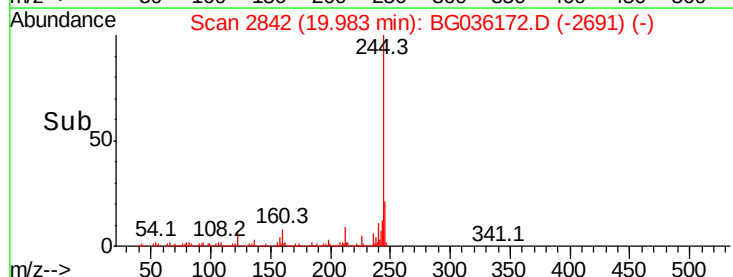
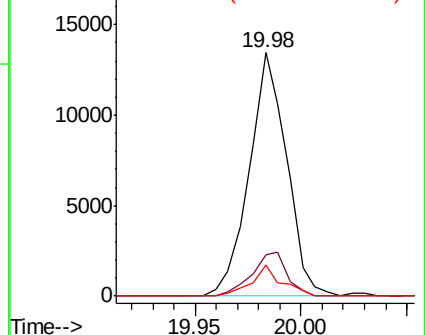
183 12.7 10.6 16.0

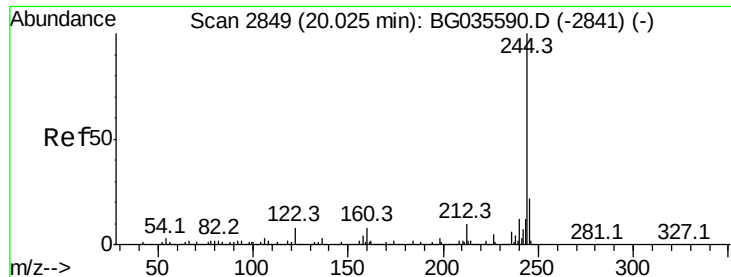


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

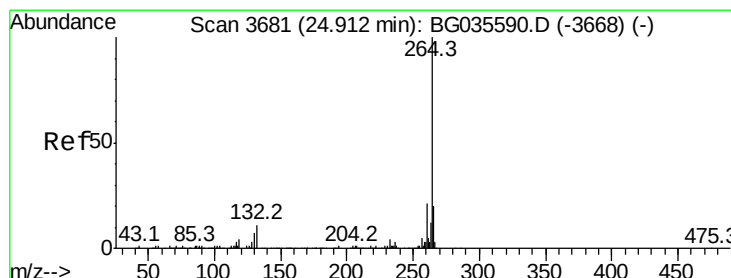
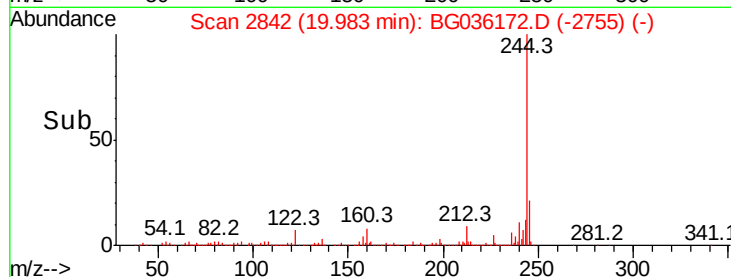
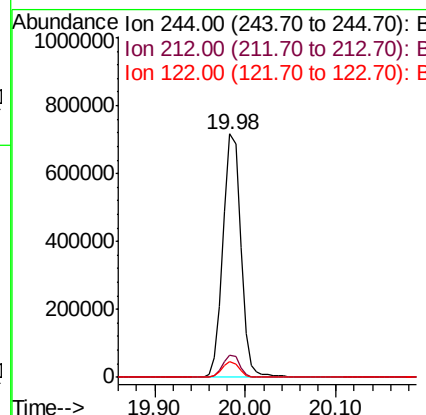
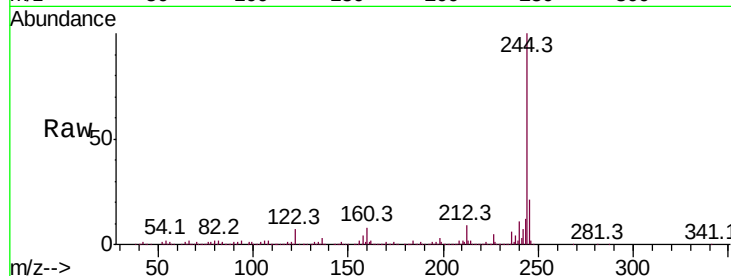




#78
 Terphenyl-d14
 Concen: 92.686 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036172.D
 Acq: 7 Aug 2018 21:40

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:244 Resp: 982392
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 6.6 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: BG036172.D
 Acq: 7 Aug 2018 21:40

Tgt Ion:264 Resp: 216218
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 21.7 17.7 26.5

