

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036176.D
 Acq On : 8 Aug 2018 00:18
 Operator : JU/SJ
 Sample : J4303-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 08 03:22:59 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

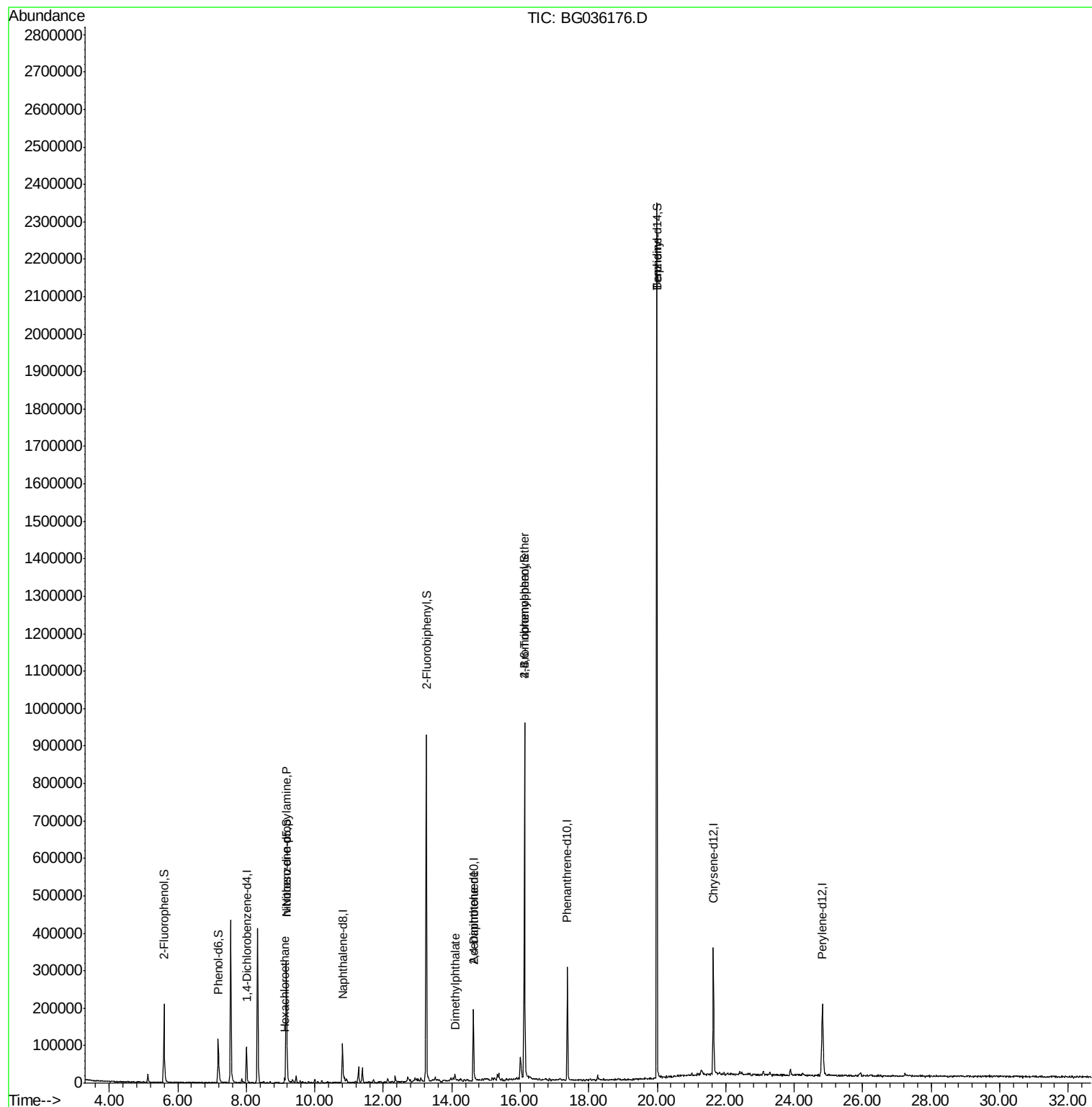
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27471	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	93656	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	66470	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	201507	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	233365	20.00	ng	-0.02
86) Perylene-d12	24.82	264	225764	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	102756	62.10	ng	0.00
7) Phenol-d6	7.18	99	86073	34.87	ng	-0.01
23) Nitrobenzene-d5	9.17	82	241369	107.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	177515	202.62	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	523215	105.46	ng	-0.02
78) Terphenyl-d14	19.99	244	1165647	110.10	ng	-0.01
Target Compounds						
18) Hexachloroethane	9.12	117	6043	7.654	ng	# 6
19) n-Nitroso-di-n-propylamine	9.17	70	33352	16.043	ng	# 71
49) Dimethylphthalate	14.09	163	12151	2.086	ng	# 95
56) 2,4-Dinitrotoluene	14.64	165	9774	5.745	ng	# 19
66) 4-Bromophenyl-phenylether	16.12	248	14393	6.157	ng	# 1
76) Benzidine	19.99	184	21313	3.474	ng	# 90

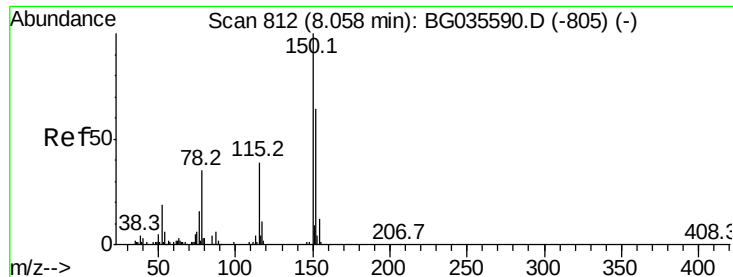
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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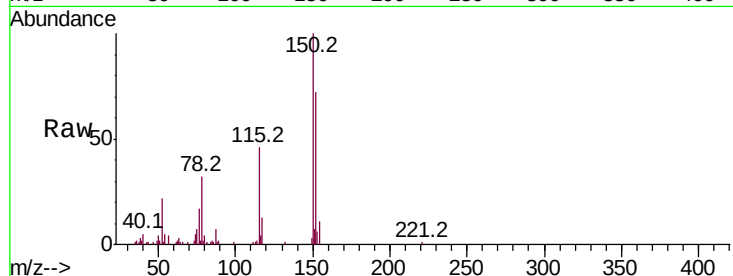


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036176.D
Acq: 8 Aug 2018 00:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.4	126.6	189.8
115	64.8	53.0	79.4

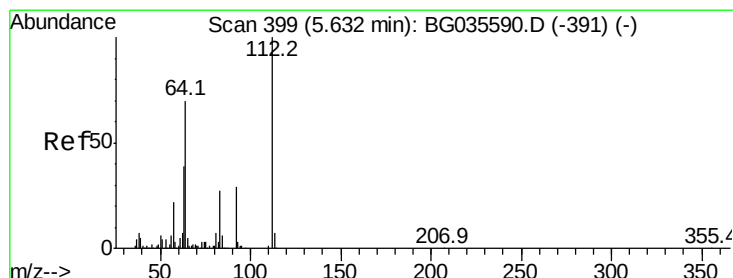
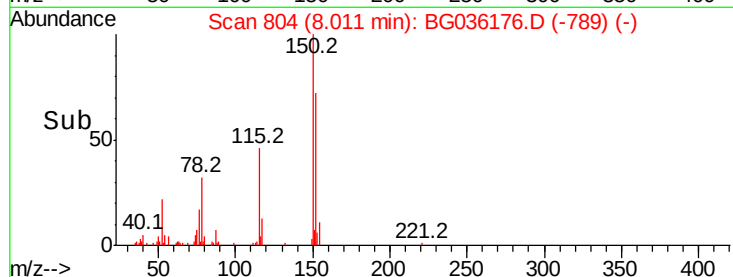
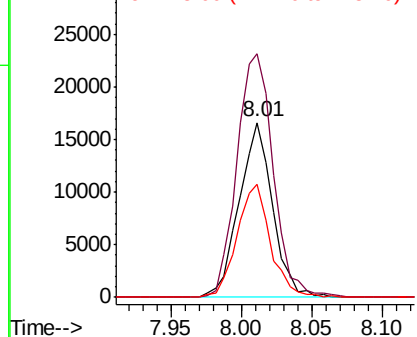


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

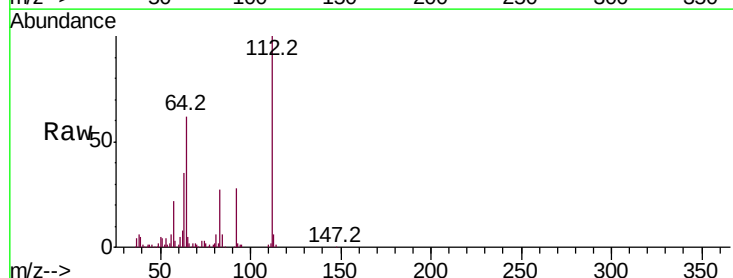
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 62.102 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036176.D
Acq: 8 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	56.3	84.5
63	34.7	30.1	45.1

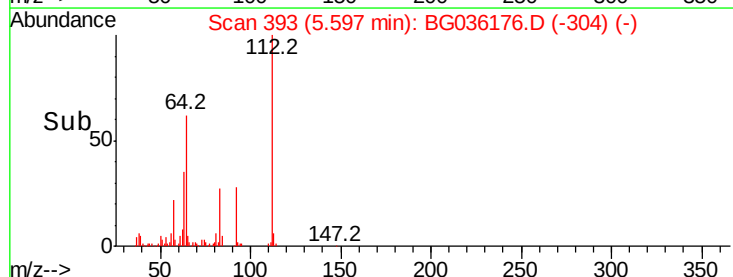
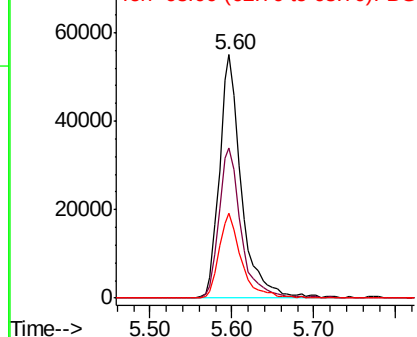


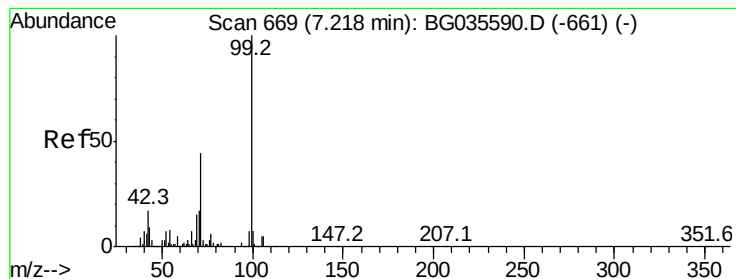
Abundance

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: 34.866 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

Instrument :

BNA_G

ClientSampled :

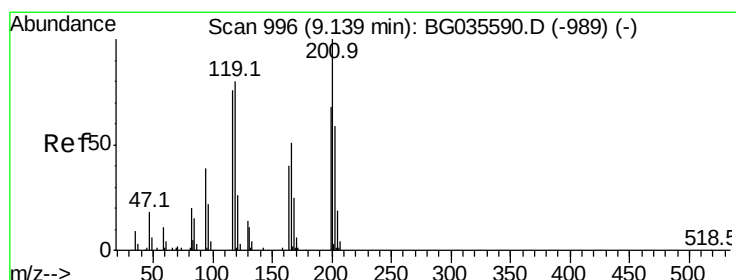
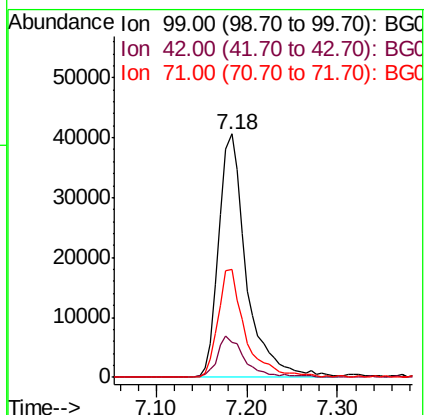
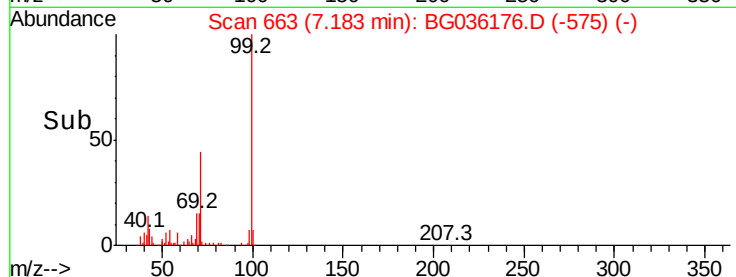
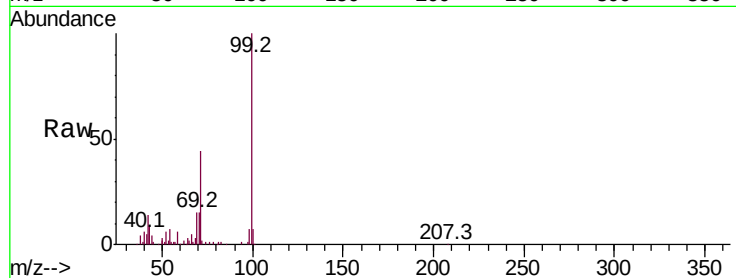
Tot Ion: 99 Resp: 86073

Ion Ratio Lower Upper

99 100

42 14.3 14.1 21.1

71 44.4 26.1 39.1#



#18

Hexachloroethane

Concen: 7.654 ng

RT: 9.12 min Scan# 992

Delta R.T. 0.01 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

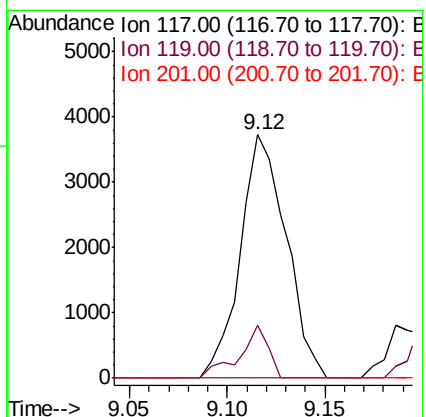
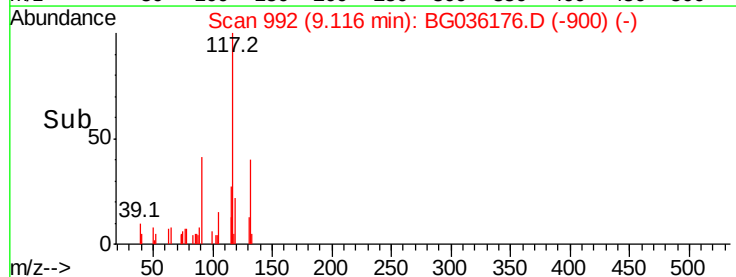
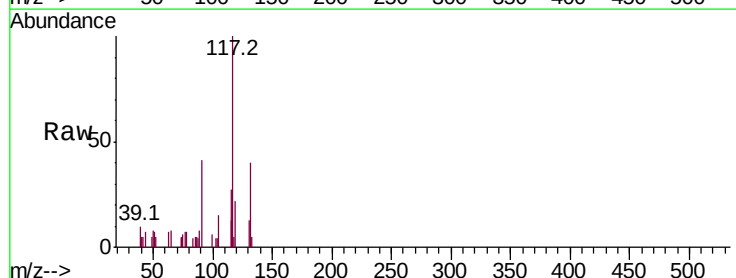
Tgt Ion: 117 Resp: 6043

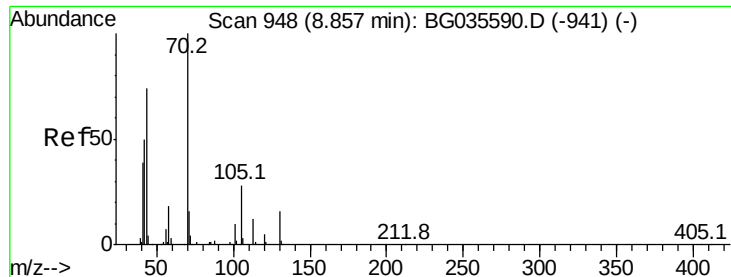
Ion Ratio Lower Upper

117 100

119 21.6 76.7 115.1#

201 0.0 95.7 143.5#





#19

n-Nitroso-di-n-propylamine

Concen: 16.043 ng

RT: 9.17 min Scan# 1002

Delta R.T. 0.35 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 33352

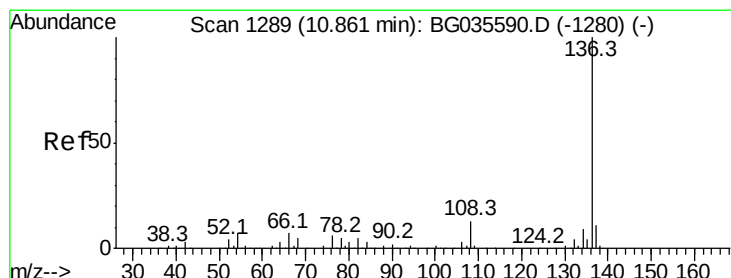
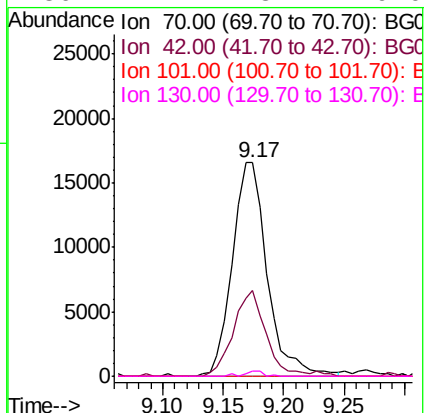
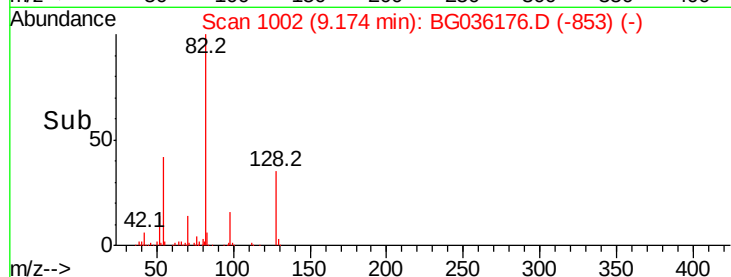
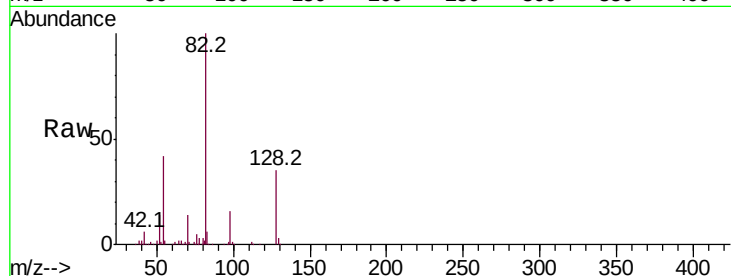
Ion Ratio Lower Upper

70 100

42 40.1 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 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: BG036176.D

Acq: 8 Aug 2018 00:18

Tgt Ion: 136 Resp: 93656

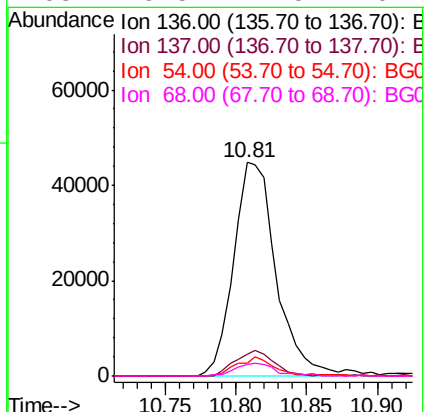
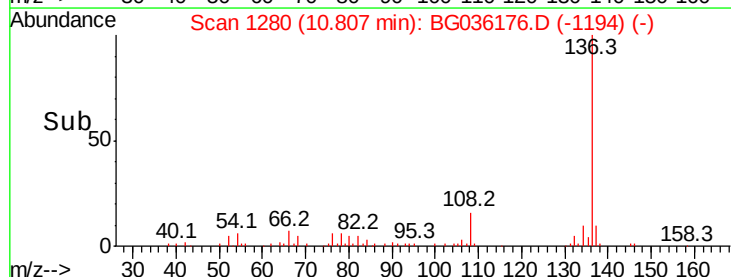
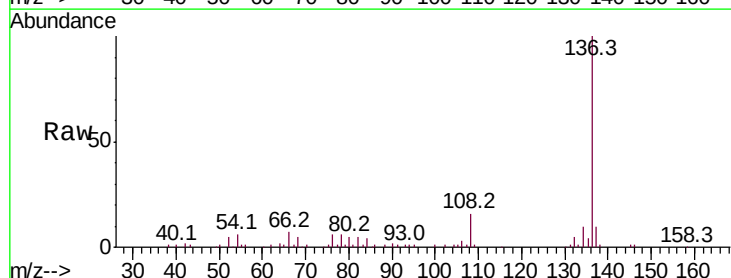
Ion Ratio Lower Upper

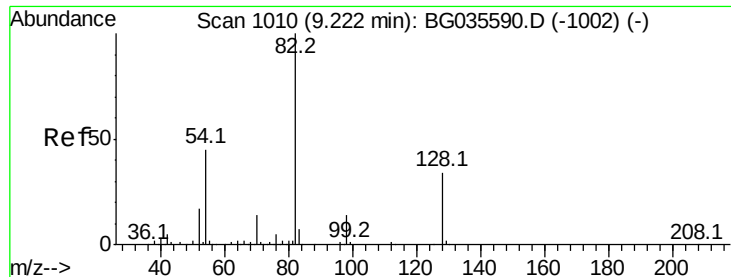
136 100

137 10.5 9.2 13.8

54 5.8 10.3 15.5#

68 5.5 4.5 6.7

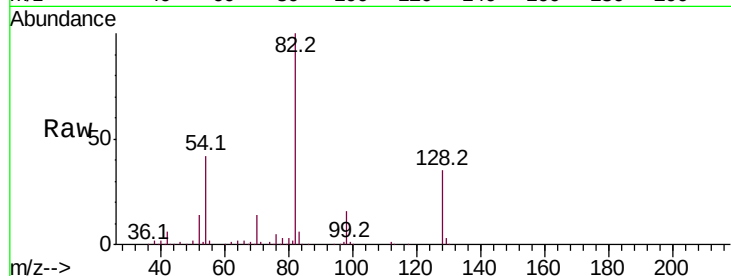




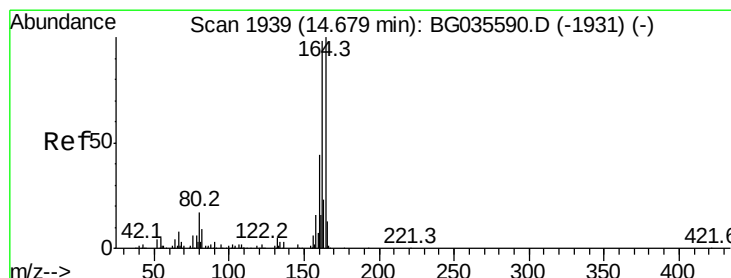
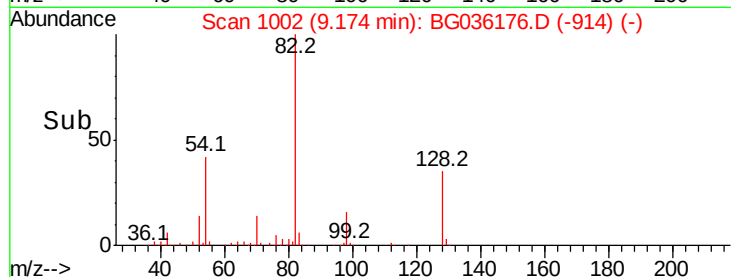
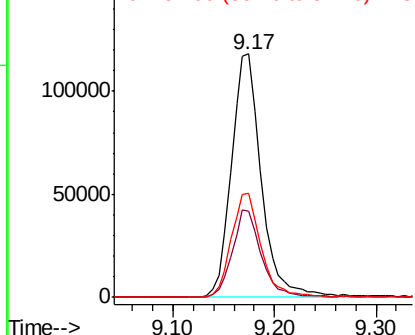
#23
 Nitrobenzene-d5
 Concen: 107.661 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036176.D
 Acq: 8 Aug 2018 00:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	241369
Ion Ratio	100	Lower	Upper
128	35.4	29.7	44.5
54	42.5	43.1	64.7#

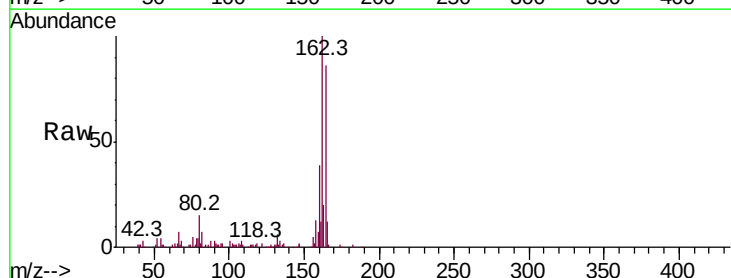


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

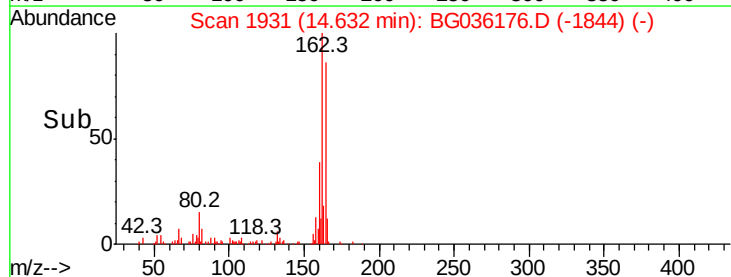
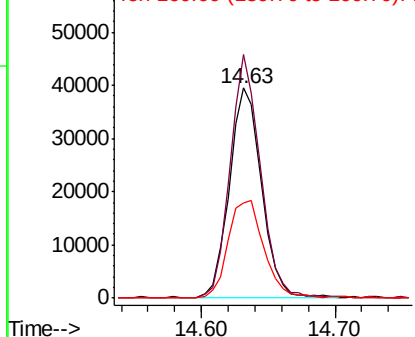


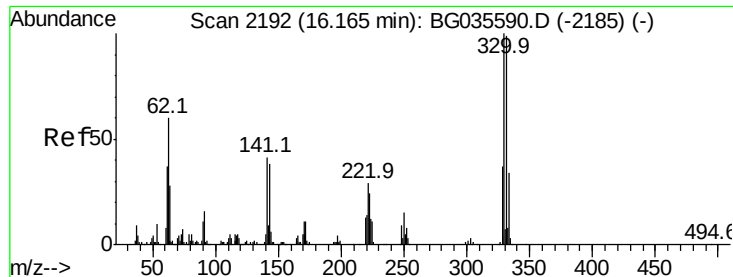
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036176.D
 Acq: 8 Aug 2018 00:18

Tgt Ion	164	Resp	66470
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	116.0	78.8	118.2
160	45.2	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

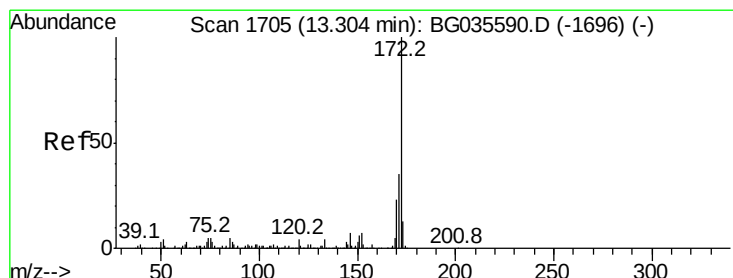
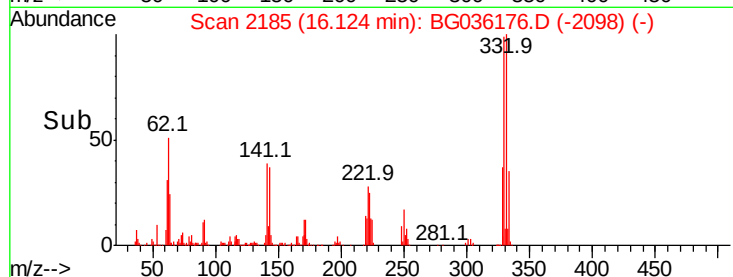
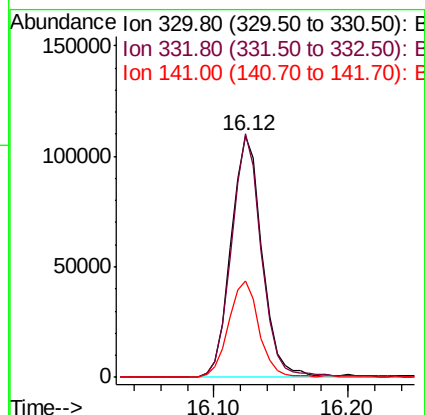
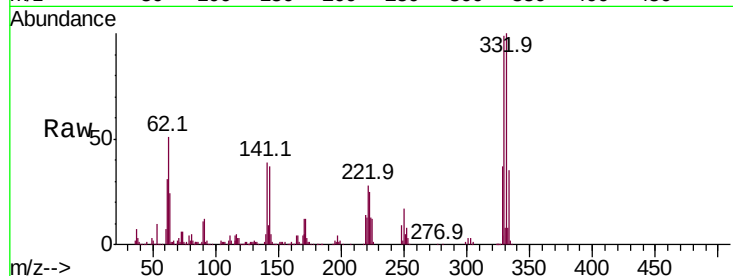




#41
 2,4,6-Tribromophenol
 Concen: 202.616 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036176.D
 Acq: 8 Aug 2018 00:18

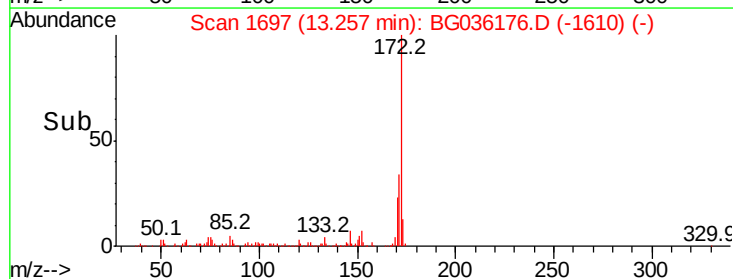
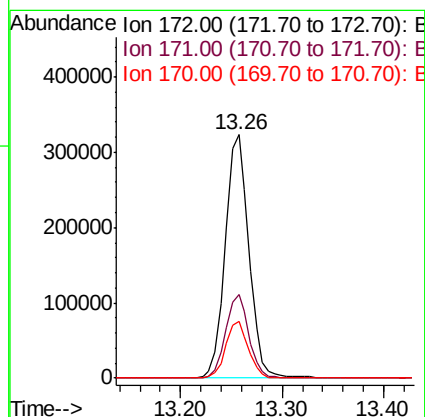
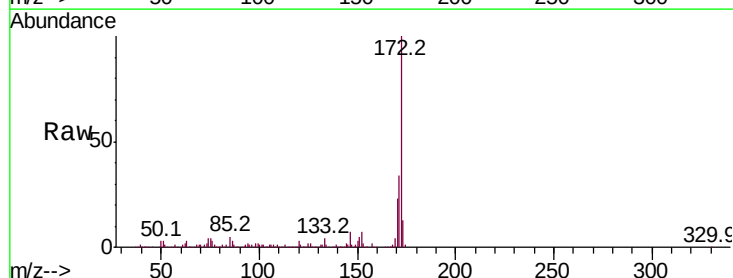
Instrument :
 BNA_G
 ClientSampled :

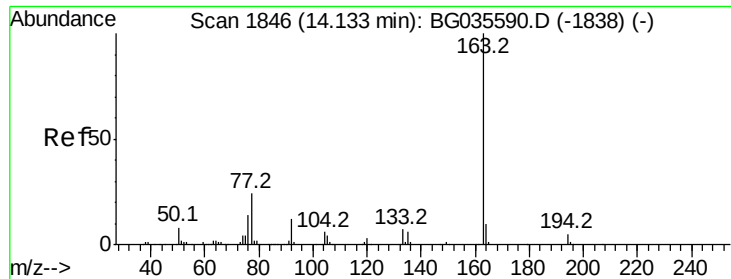
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	39.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 105.457 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036176.D
 Acq: 8 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.3	19.5	29.3

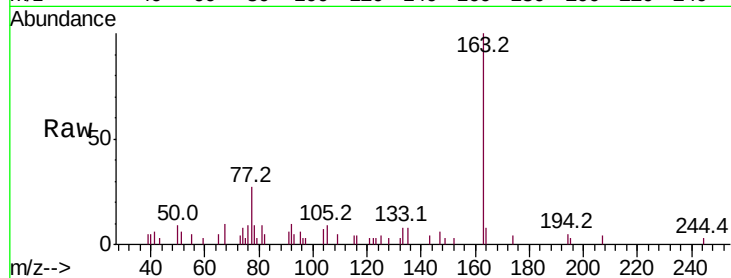




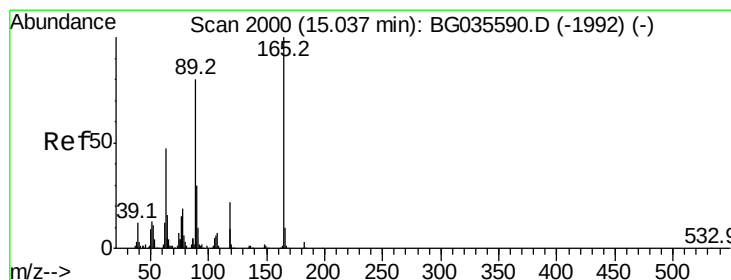
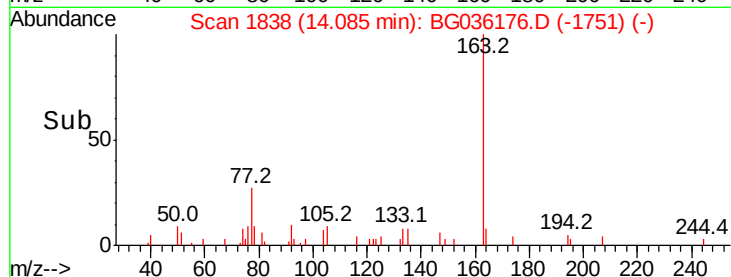
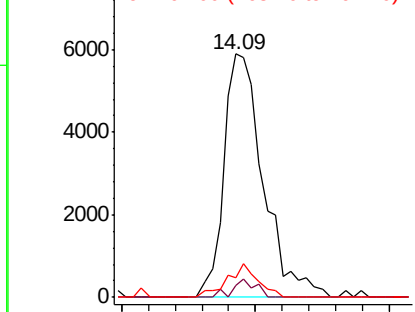
#49
Dimethylphthalate
Concen: 2.086 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BG036176.D
Acq: 8 Aug 2018 00:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 12151
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 8.3 8.2 12.4

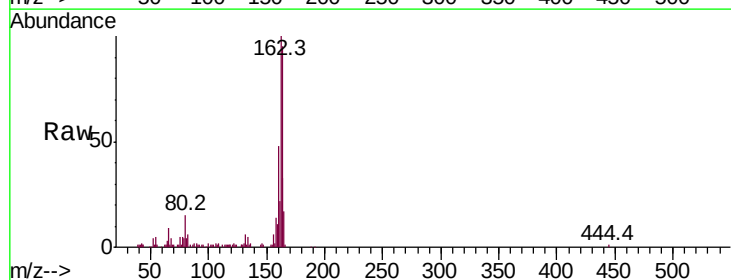


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

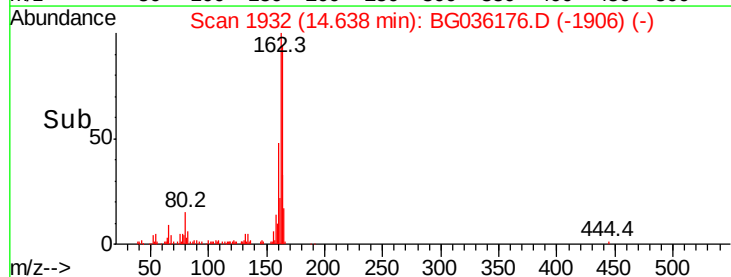
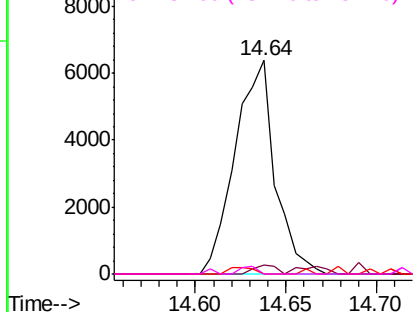


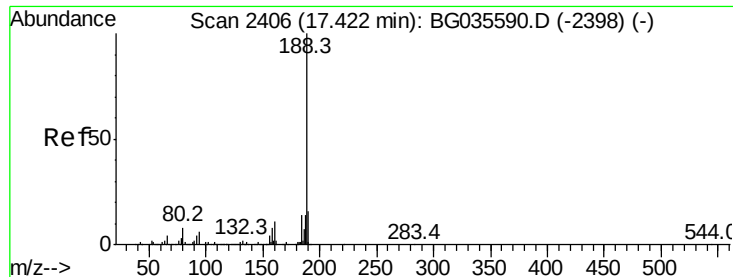
#56
2,4-Dinitrotoluene
Concen: 5.745 ng
RT: 14.64 min Scan# 1932
Delta R.T. -0.38 min
Lab File: BG036176.D
Acq: 8 Aug 2018 00:18

Tgt Ion:165 Resp: 9774
Ion Ratio Lower Upper
165 100
63 4.5 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: BG036176.D

Acq: 8 Aug 2018 00:18

Instrument :

BNA_G

ClientSampleId :

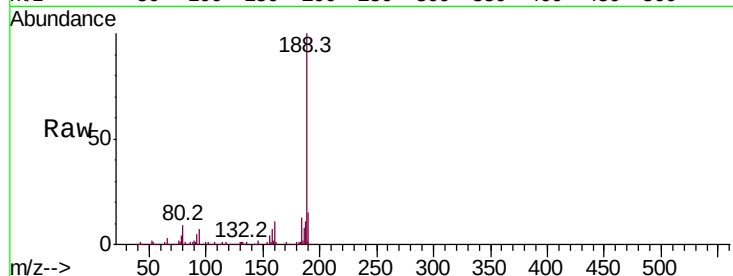
Tot Ion:188 Resp: 201507

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

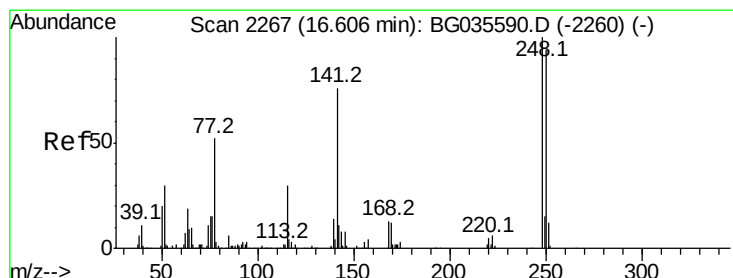
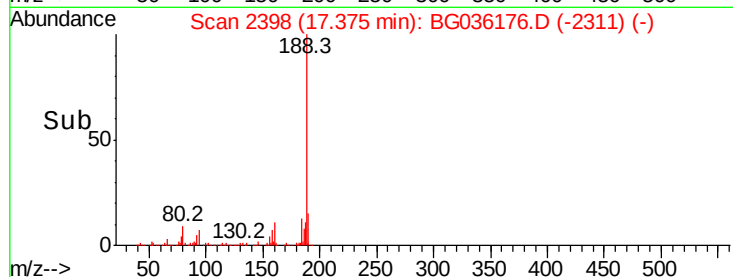
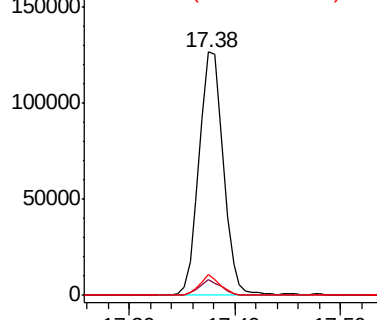
80 8.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#66

4-Bromophenyl-phenylether

Concen: 6.157 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.46 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

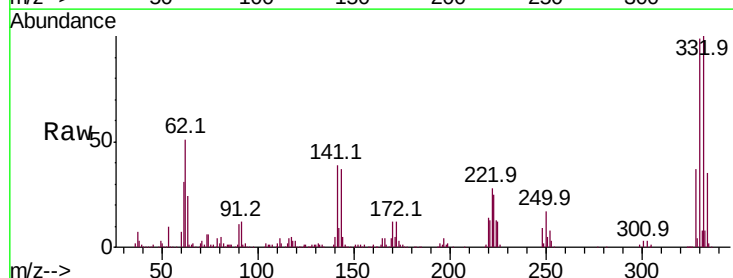
Tgt Ion:248 Resp: 14393

Ion Ratio Lower Upper

248 100

250 196.8 77.1 115.7#

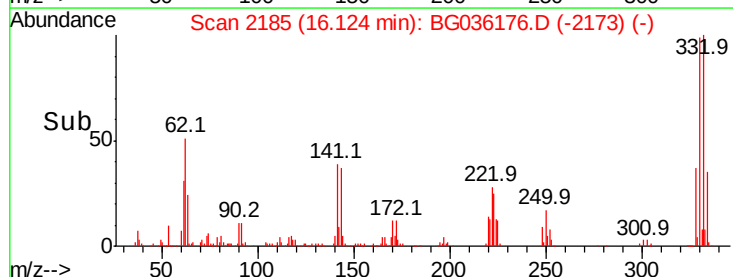
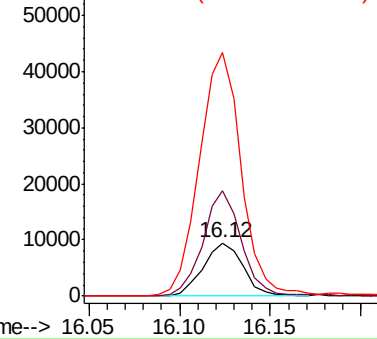
141 455.5 50.8 76.2#

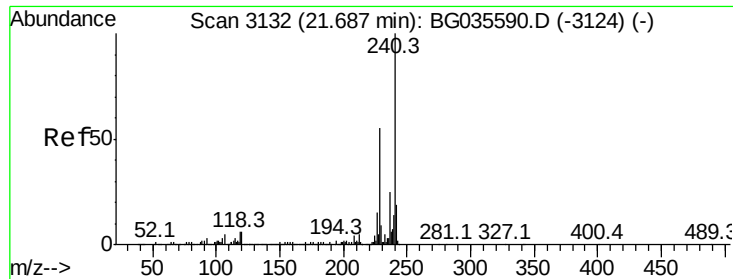


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG036176.D

Acq: 8 Aug 2018 00:18

Instrument :

BNA_G

ClientSampleId :

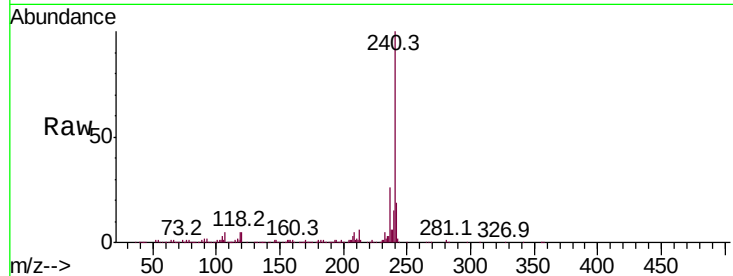
Tot Ion:240 Resp: 233365

Ion Ratio Lower Upper

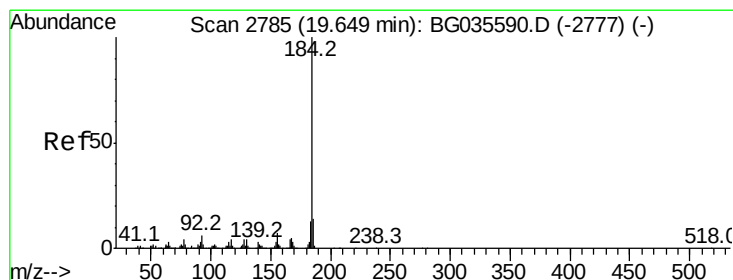
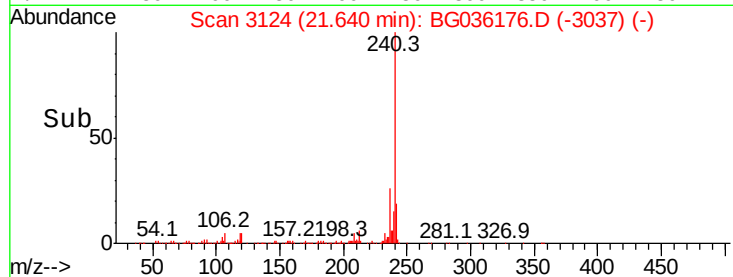
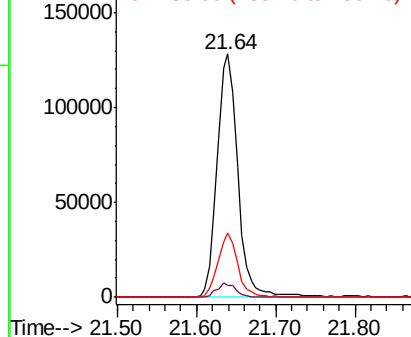
240 100

120 4.7 6.8 10.2#

236 26.2 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: 3.474 ng

RT: 19.99 min Scan# 2843

Delta R.T. 0.36 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

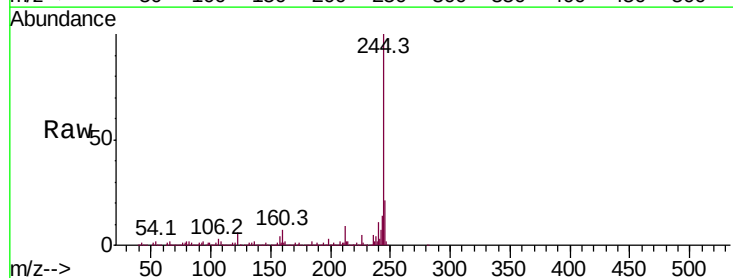
Tgt Ion:184 Resp: 21313

Ion Ratio Lower Upper

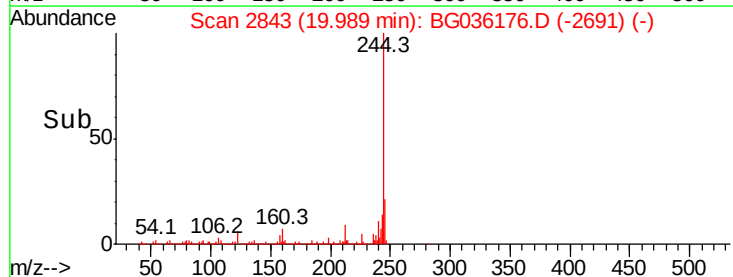
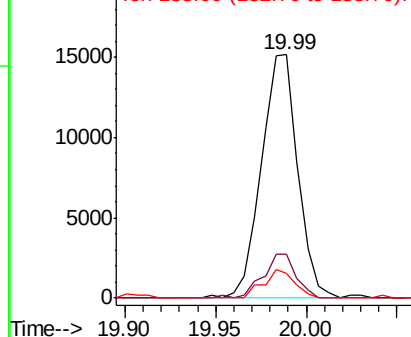
184 100

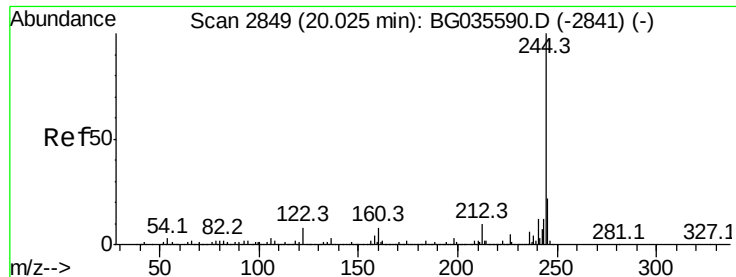
185 18.3 11.1 16.7#

183 10.0 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: 110.104 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

Instrument :

BNA_G

ClientSampleId :

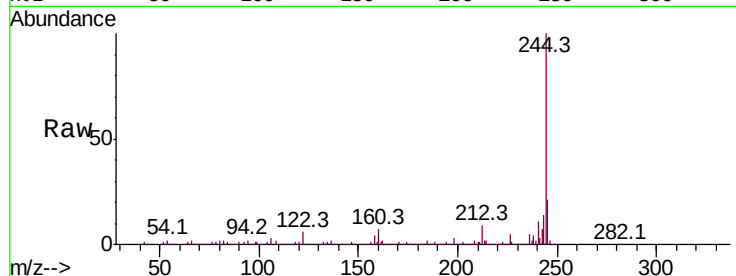
Tot Ion:244 Resp: 1165647

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

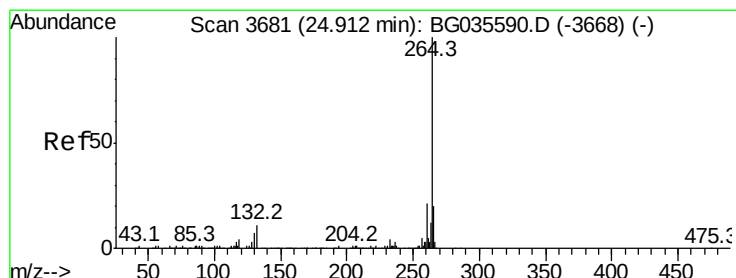
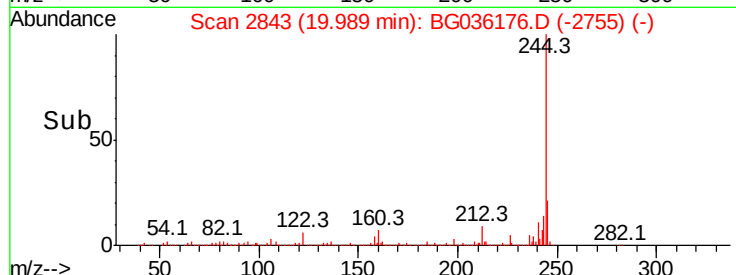
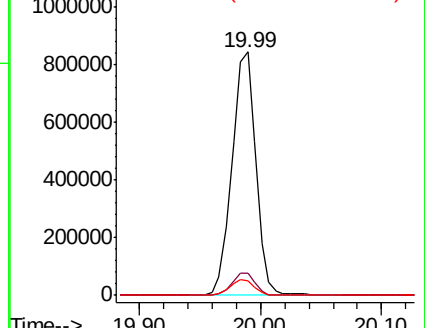
122 6.1 7.0 10.4#



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: 24.82 min Scan# 3666

Delta R.T. -0.04 min

Lab File: BG036176.D

Acq: 8 Aug 2018 00:18

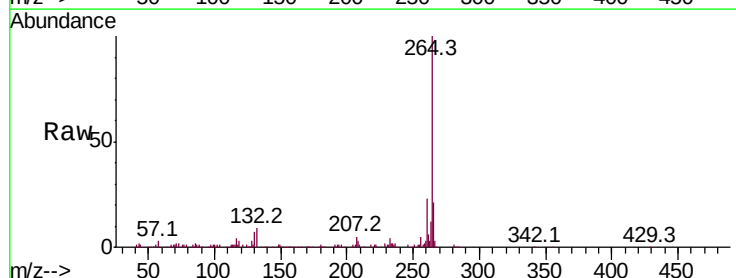
Tgt Ion:264 Resp: 225764

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 20.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

