

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036279.D
 Acq On : 10 Aug 2018 22:40
 Operator : JU/SJ
 Sample : J4379-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Aug 11 04:36:59 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

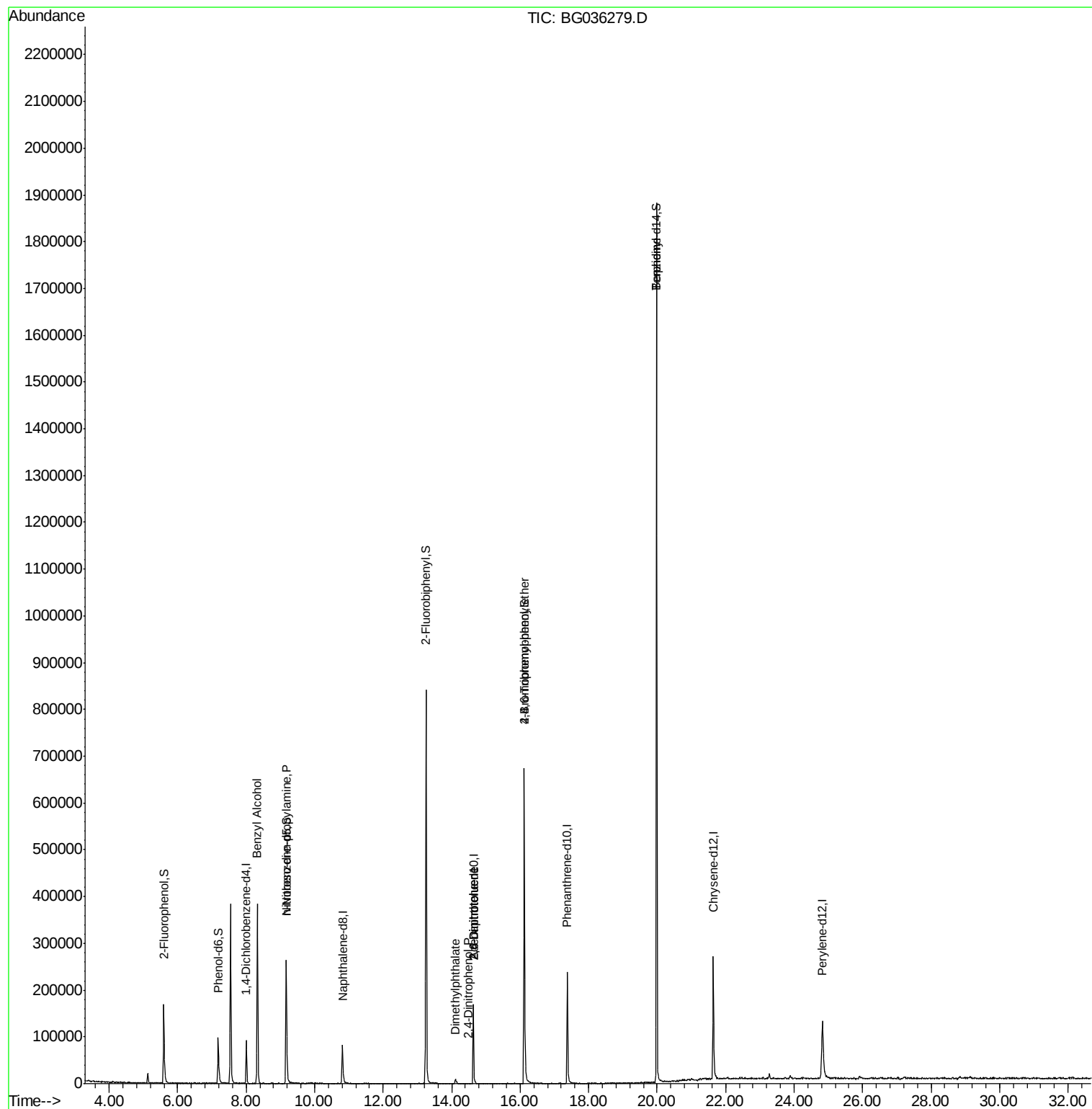
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	24058	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	86300	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	65148	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	180289	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	191165	20.00	ng	-0.02
86) Perylene-d12	24.83	264	179318	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	86906	59.97	ng	0.00
7) Phenol-d6	7.18	99	69901	32.33	ng	-0.02
23) Nitrobenzene-d5	9.17	82	199443	96.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	139530	162.49	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	479259	98.56	ng	-0.02
78) Terphenyl-d14	19.99	244	941603	108.58	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.33	79	3954	2.014	ng	# 34
19) n-Nitroso-di-n-propylamine	9.17	70	29798	16.367	ng	# 69
49) Dimethylphthalate	14.11	163	11838	2.074	ng	# 90
50) 2,6-Dinitrotoluene	14.63	165	7866	6.767	ng	# 18
53) 2,4-Dinitrophenol	14.49	184	61	6.676	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	7866	4.717	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	11171	5.341	ng	# 1
76) Benzidine	19.99	184	15944	3.172	ng	# 87

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

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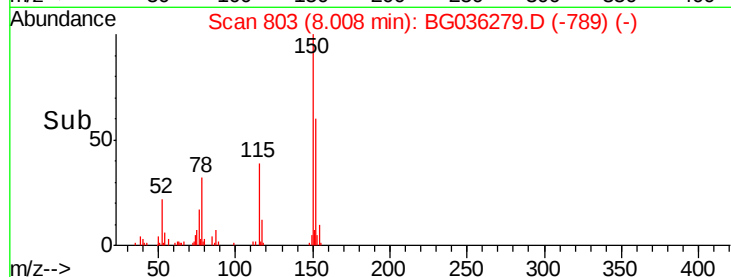
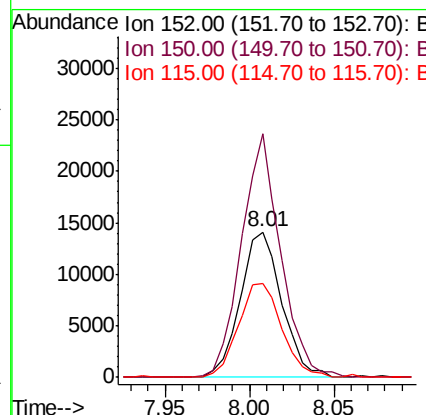
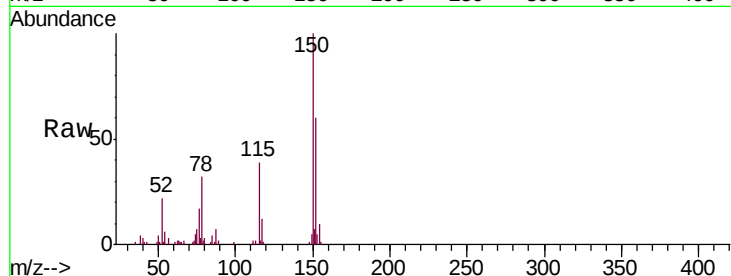


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036279.D
Acq: 10 Aug 2018 22:40

Instrument :
BNA_G
ClientSampleId :
DFTPP

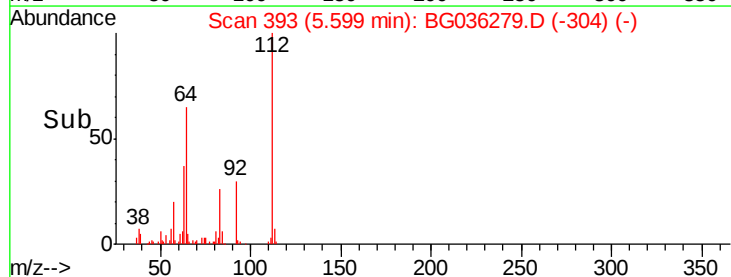
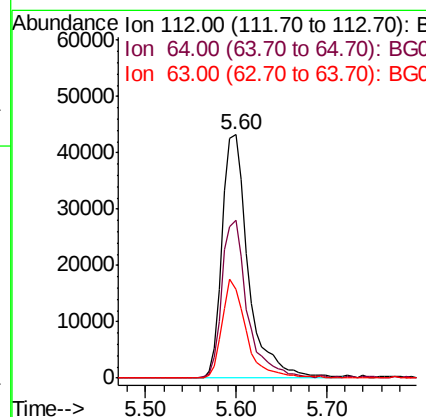
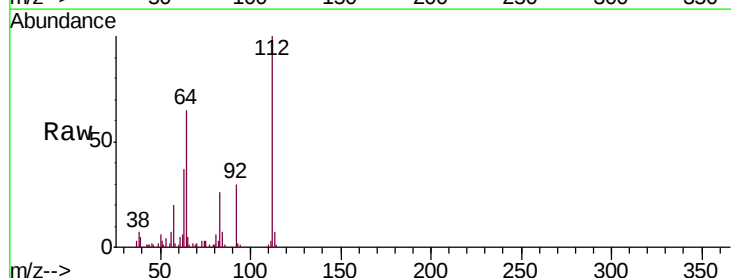
Tgt Ion:152 Resp: 24058
Ion Ratio Lower Upper
152 100
150 167.3 126.6 189.8
115 64.8 53.0 79.4



#5

2-Fluorophenol
Concen: 59.974 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036279.D
Acq: 10 Aug 2018 22:40

Tgt Ion:112 Resp: 86906
Ion Ratio Lower Upper
112 100
64 64.6 56.3 84.5
63 36.6 30.1 45.1





#7

Phenol-d6

Concen: 32.332 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036279.D

Acq: 10 Aug 2018 22:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

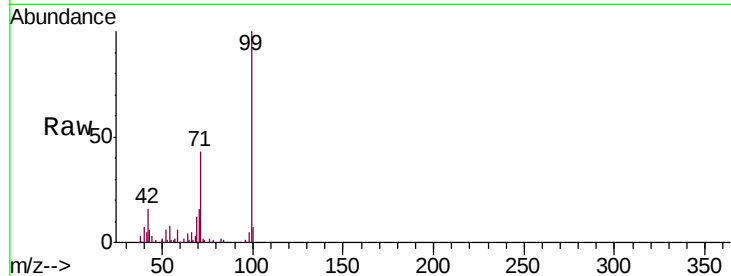
Tgt Ion: 99 Resp: 69901

Ion Ratio Lower Upper

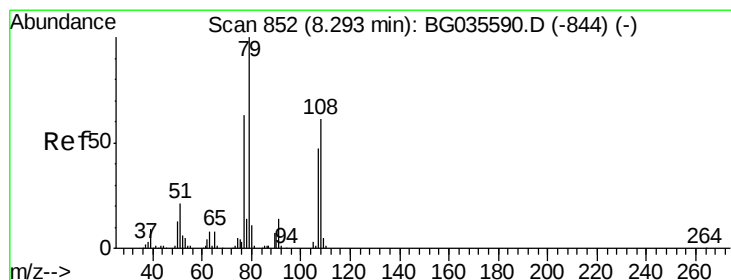
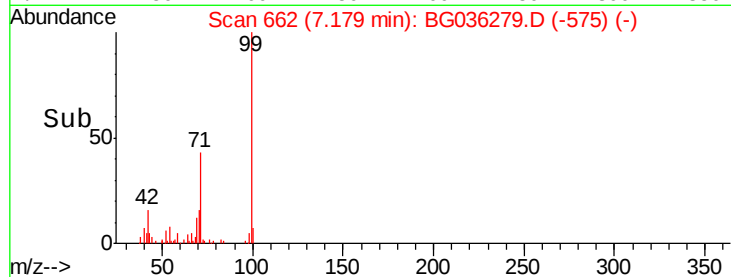
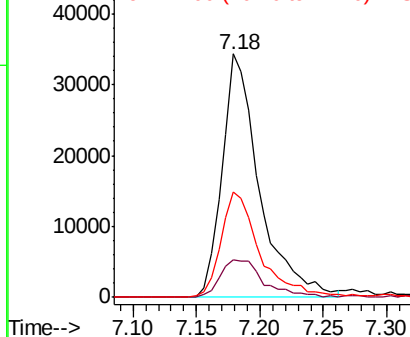
99 100

42 15.6 14.1 21.1

71 43.4 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



#15

Benzyl Alcohol

Concen: 2.014 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.07 min

Lab File: BG036279.D

Acq: 10 Aug 2018 22:40

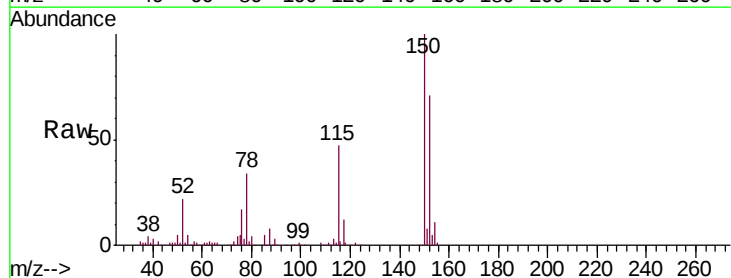
Tgt Ion: 79 Resp: 3954

Ion Ratio Lower Upper

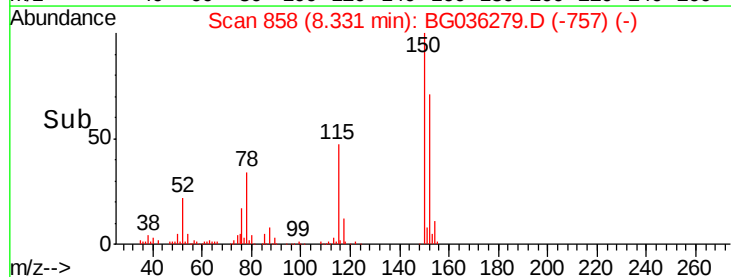
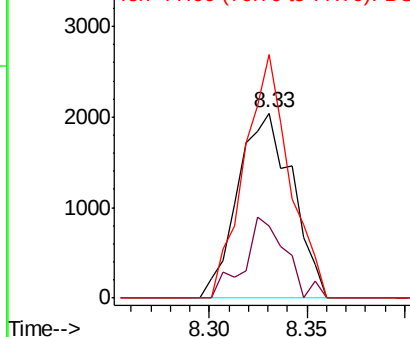
79 100

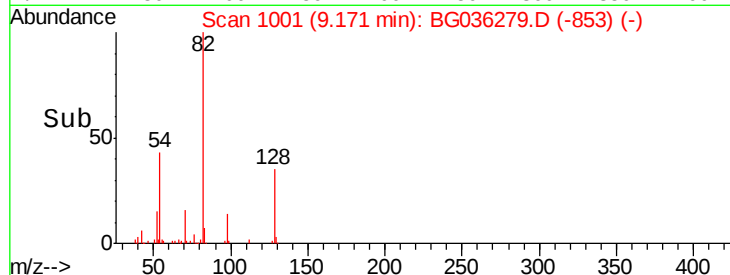
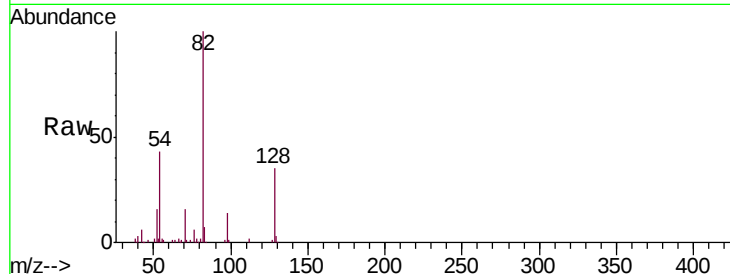
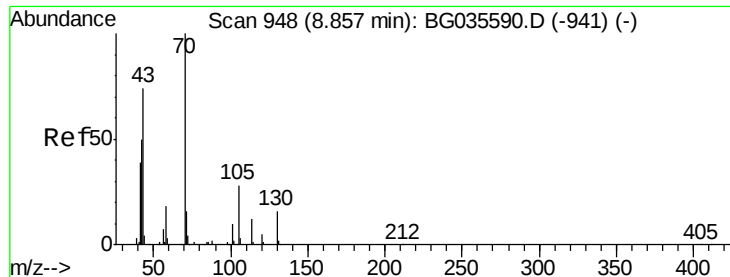
108 39.2 57.2 85.8#

77 131.6 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

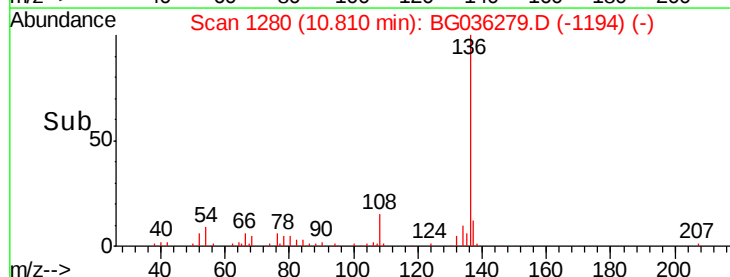
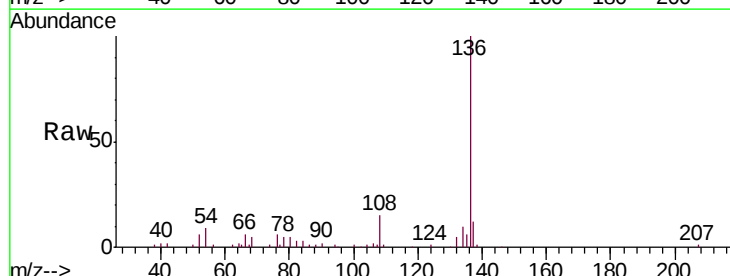
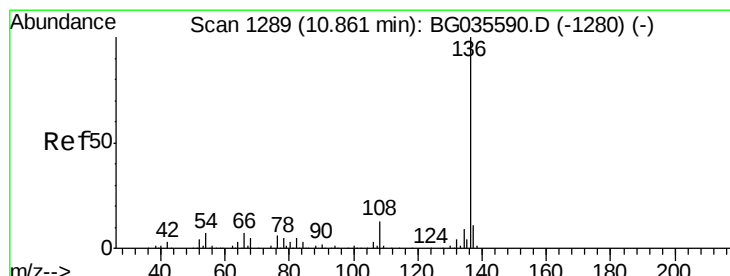
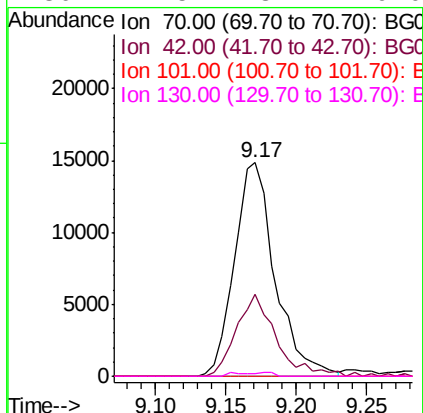




#19
n-Nitroso-di-n-propylamine
Concen: 16.367 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036279.D
Acq: 10 Aug 2018 22:40

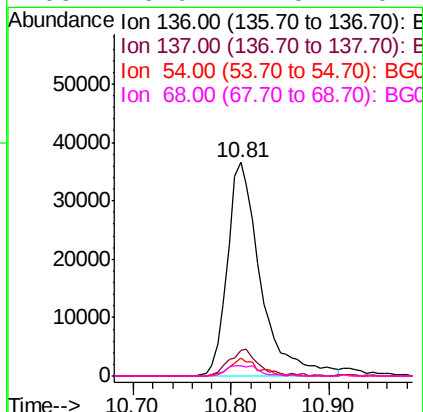
Instrument :
BNA_G
ClientSampleId :
DFTPP

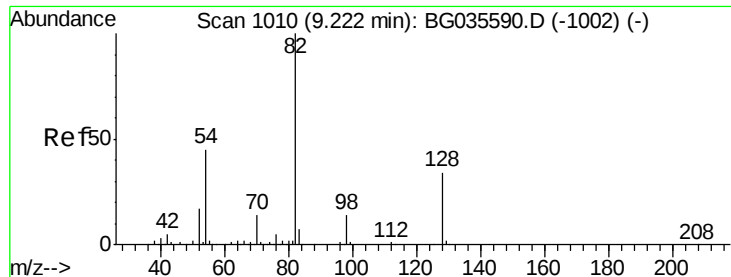
Tgt Ion: 70 Resp: 29798
Ion Ratio Lower Upper
70 100
42 38.5 49.1 73.7#
101 0.0 8.5 12.7#
130 1.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036279.D
Acq: 10 Aug 2018 22:40

Tgt Ion: 136 Resp: 86300
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 8.6 10.3 15.5#
68 5.0 4.5 6.7

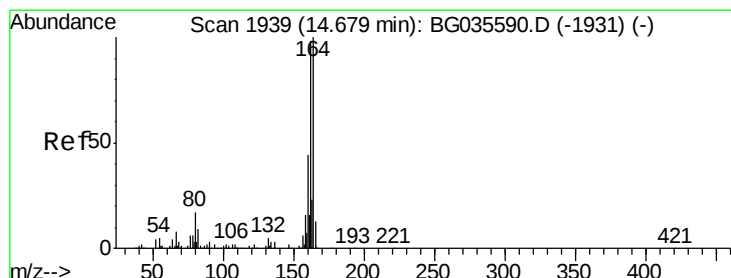
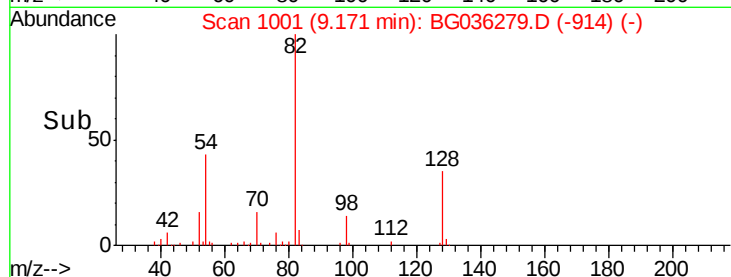
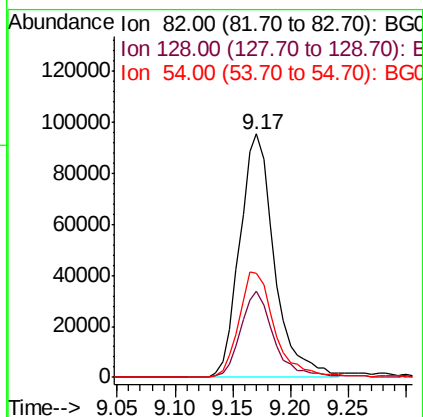
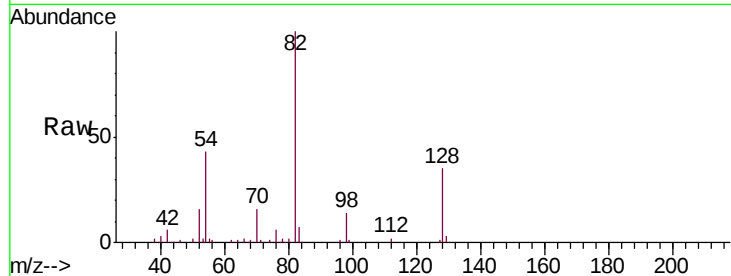




#23
Nitrobenzene-d5
Concen: 96.543 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036279.D
Acq: 10 Aug 2018 22:40

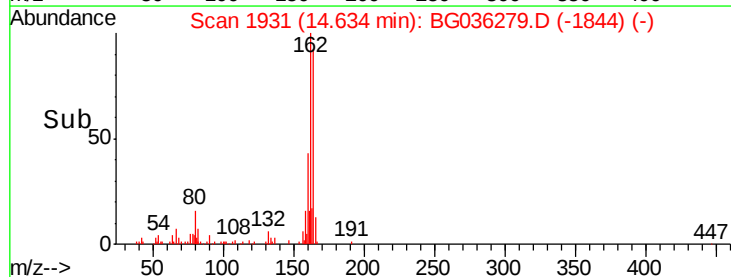
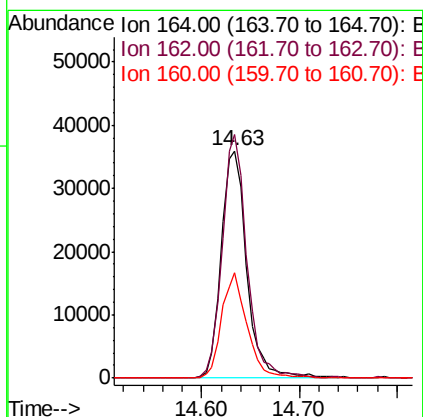
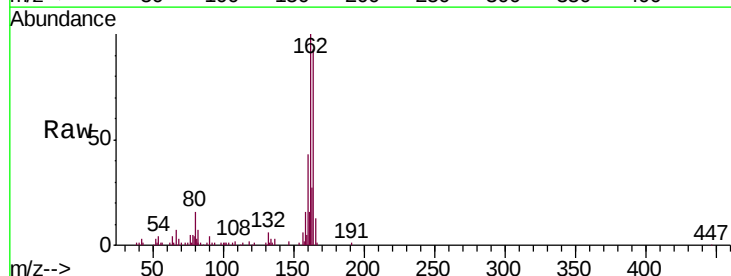
Instrument :
BNA_G
ClientSampleId :
DFTPP

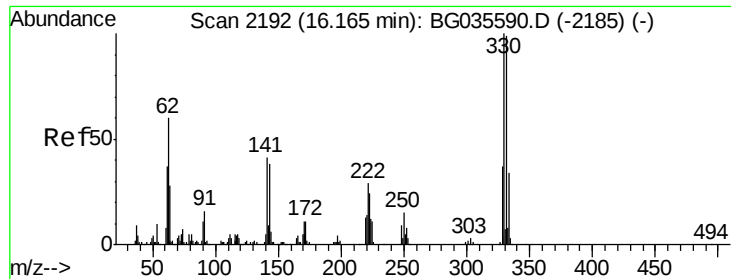
Tgt Ion: 82 Resp: 199443
Ion Ratio Lower Upper
82 100
128 35.3 29.7 44.5
54 42.8 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036279.D
Acq: 10 Aug 2018 22:40

Tgt Ion: 164 Resp: 65148
Ion Ratio Lower Upper
164 100
162 107.2 78.8 118.2
160 46.3 35.4 53.0

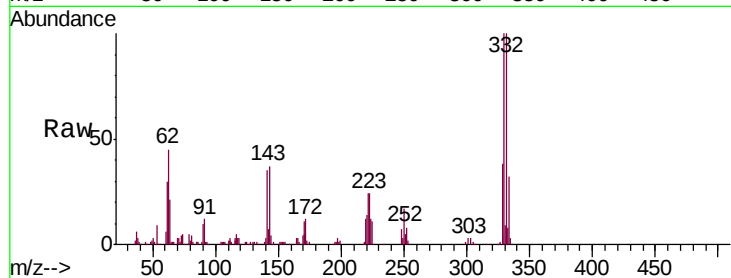




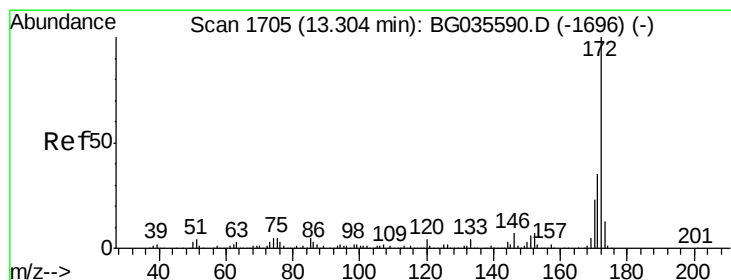
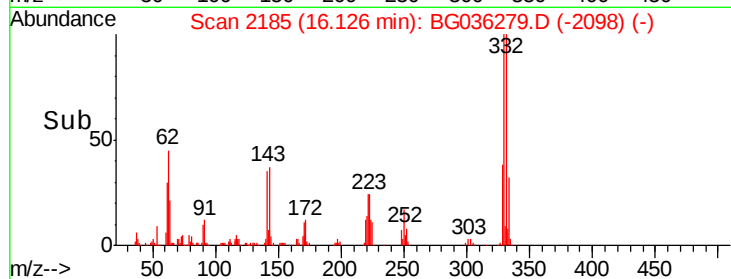
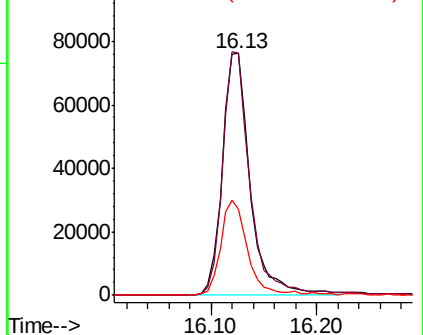
#41
 2,4,6-Tribromophenol
 Concen: 162.491 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036279.D
 Acq: 10 Aug 2018 22:40

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:330 Resp: 139530
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 37.6 25.2 37.8

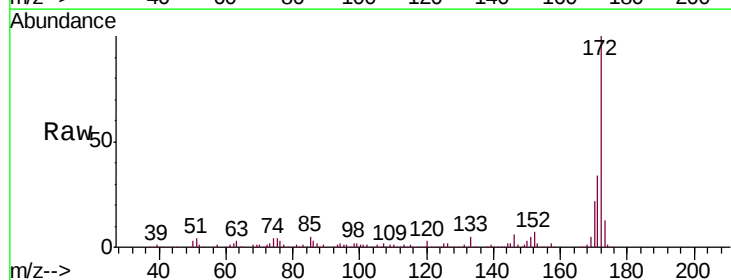


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

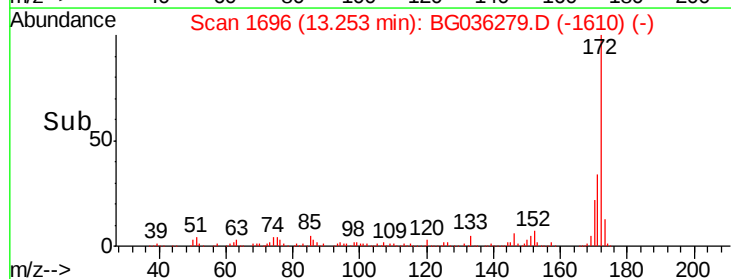
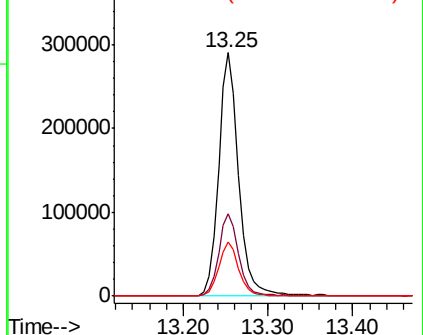


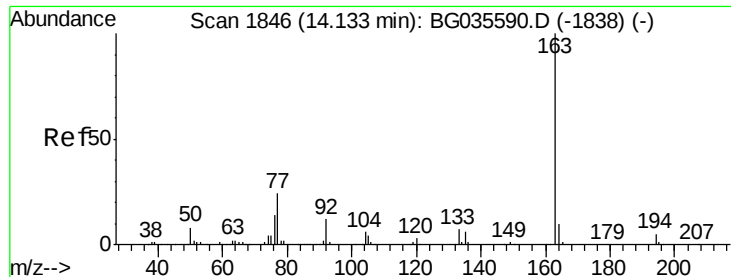
#44
 2-Fluorobiphenyl
 Concen: 98.558 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036279.D
 Acq: 10 Aug 2018 22:40

Tgt Ion:172 Resp: 479259
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.0 45.0
 170 22.4 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.074 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BG036279.D

Acq: 10 Aug 2018 22:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

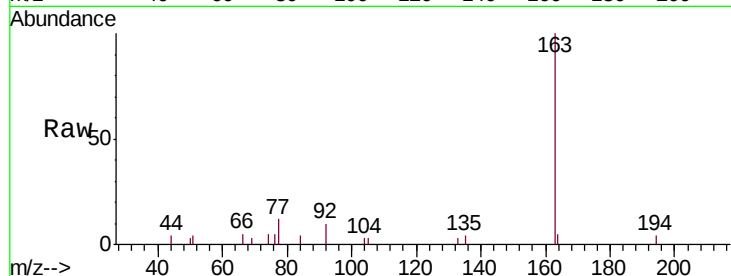
Tgt Ion:163 Resp: 11838

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.2

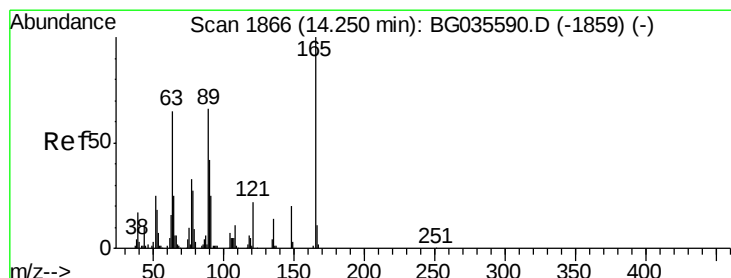
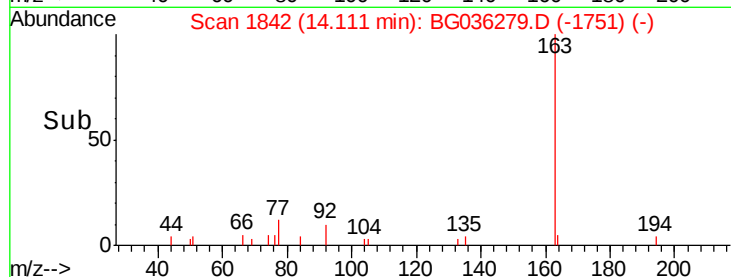
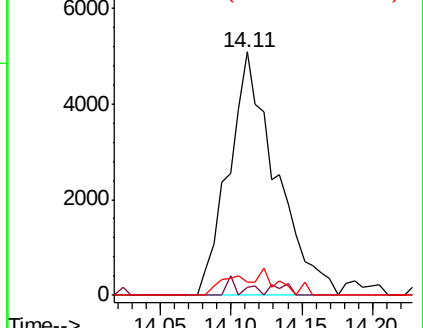
164 5.2 8.2 12.4#



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



#50

2,6-Dinitrotoluene

Concen: 6.767 ng

RT: 14.63 min Scan# 1931

Delta R.T. 0.41 min

Lab File: BG036279.D

Acq: 10 Aug 2018 22:40

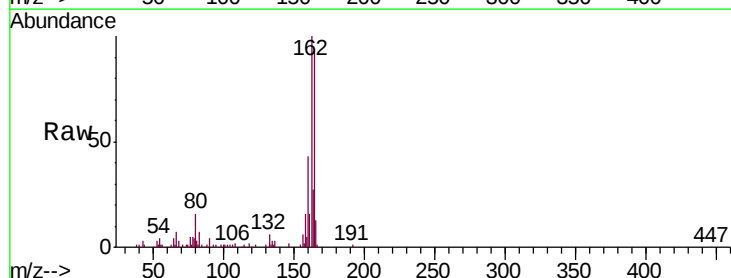
Tgt Ion:165 Resp: 7866

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

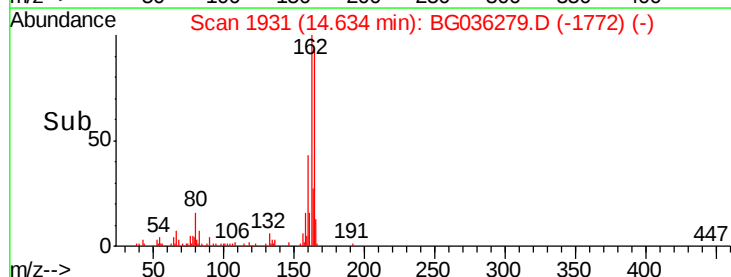
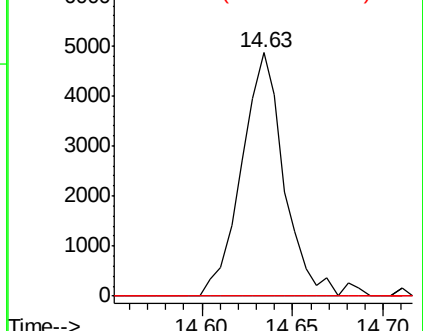
89 0.0 49.2 73.8#

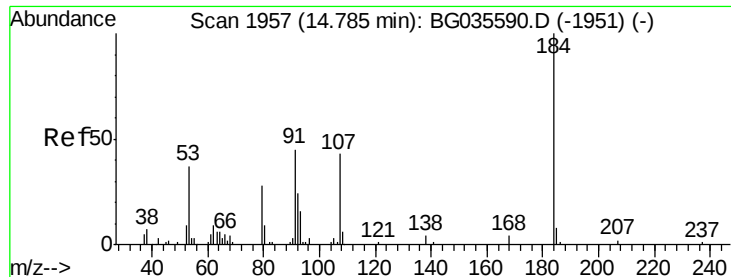


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

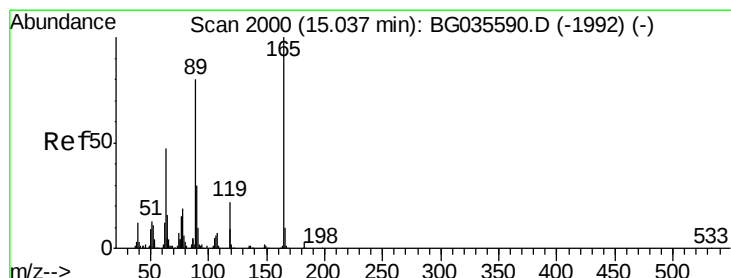
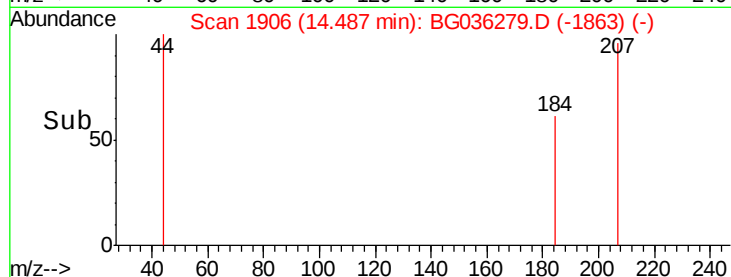
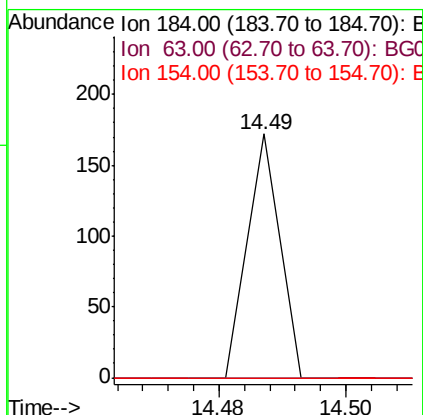
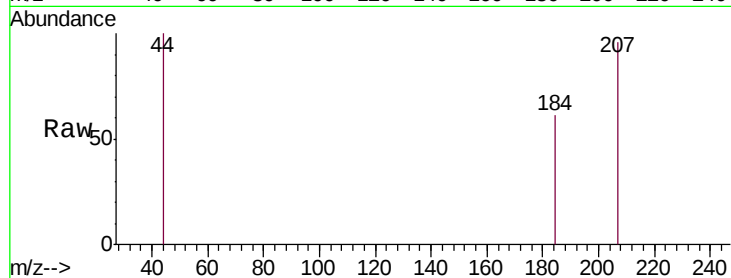




#53
 2,4-Dinitrophenol
 Concen: 6.676 ng
 RT: 14.49 min Scan# 1906
 Delta R.T. -0.28 min
 Lab File: BG036279.D
 Acq: 10 Aug 2018 22:40

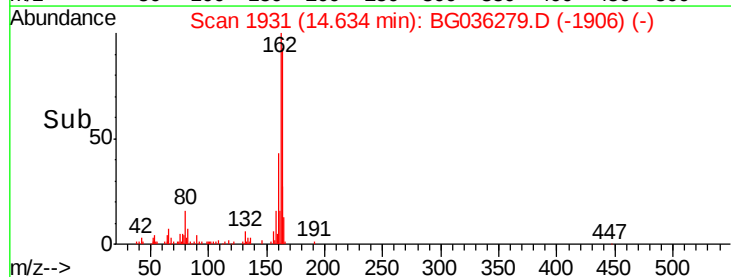
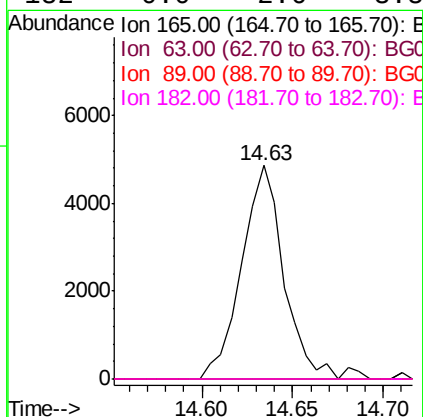
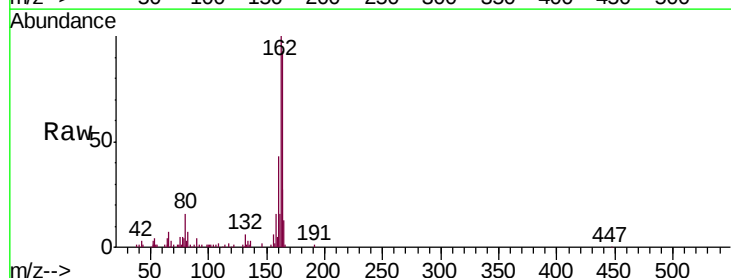
Instrument :
 BNA_G
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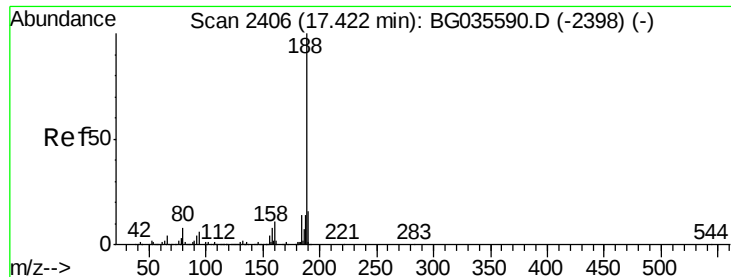
Tgt Ion:184 Resp: 61
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.717 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036279.D
 Acq: 10 Aug 2018 22:40

Tgt Ion:165 Resp: 7866
 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: BG036279.D

Acq: 10 Aug 2018 22:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

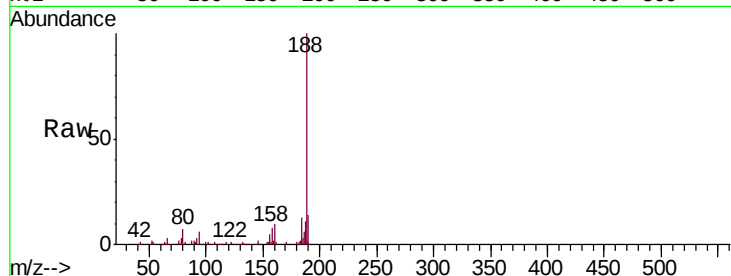
Tgt Ion:188 Resp: 180289

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

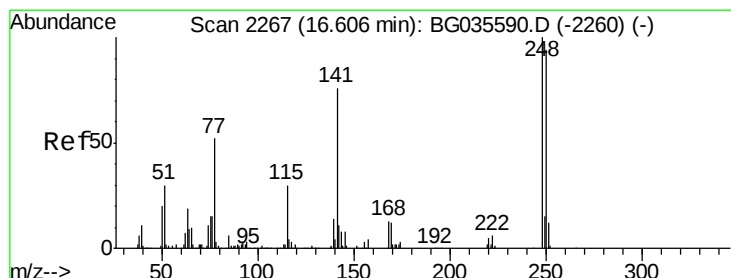
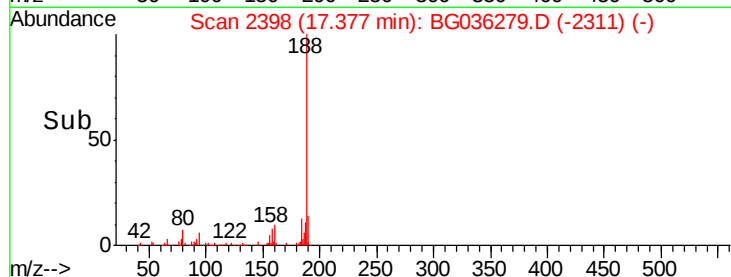
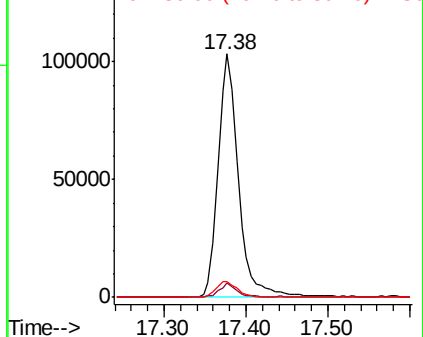
80 6.7 7.7 11.5#



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: 5.341 ng

RT: 16.12 min Scan# 2184

Delta R.T. -0.46 min

Lab File: BG036279.D

Acq: 10 Aug 2018 22:40

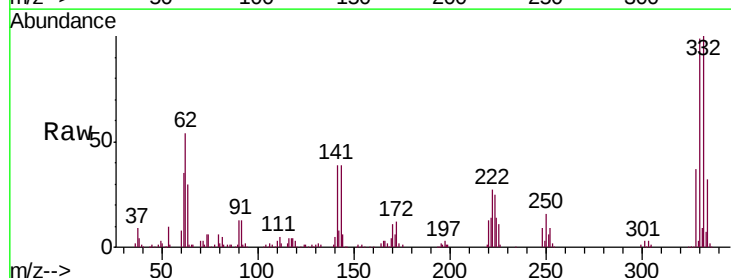
Tgt Ion:248 Resp: 11171

Ion Ratio Lower Upper

248 100

250 185.5 77.1 115.7#

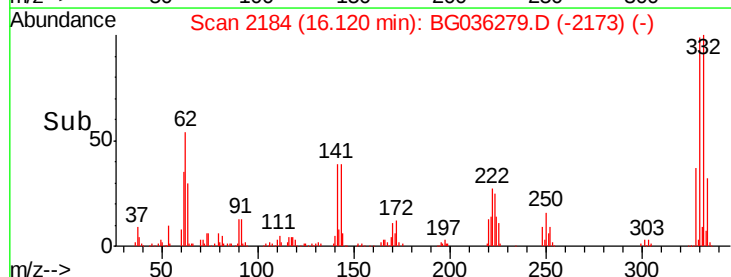
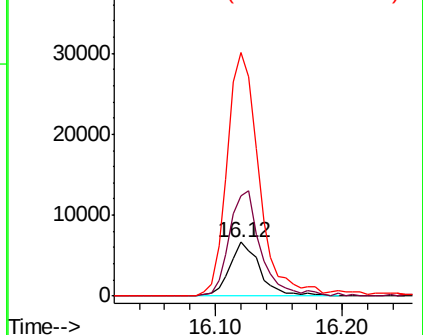
141 451.8 50.8 76.2#

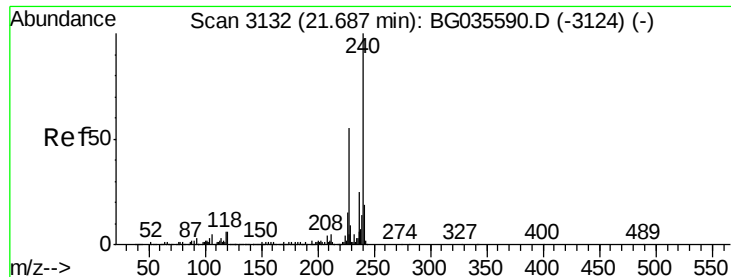


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3123

Delta R.T. -0.02 min

Lab File: BG036279.D

Acq: 10 Aug 2018 22:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

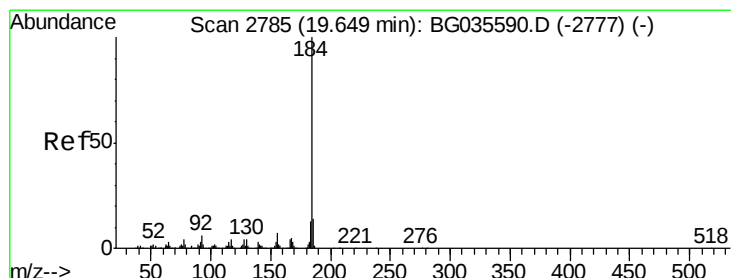
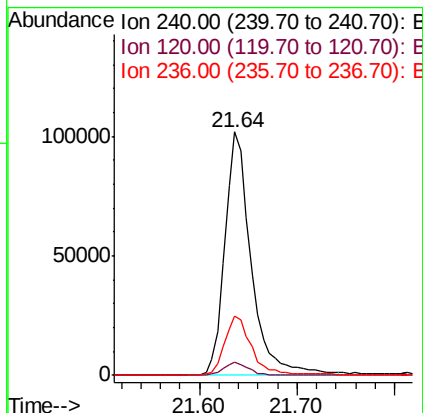
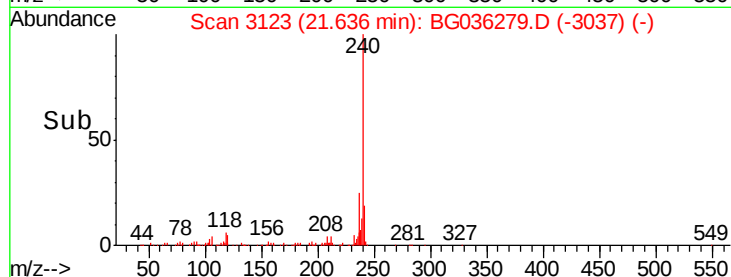
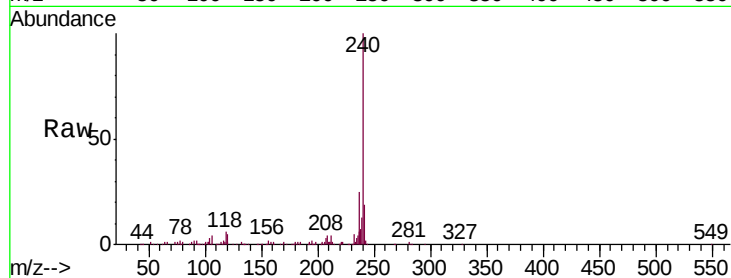
Tgt Ion:240 Resp: 191165

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

236 24.6 20.9 31.3



#76

Benzidine

Concen: 3.172 ng

RT: 19.99 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036279.D

Acq: 10 Aug 2018 22:40

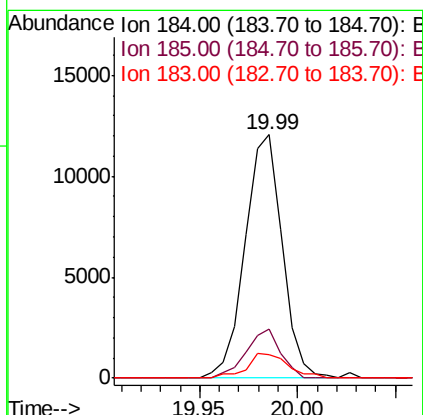
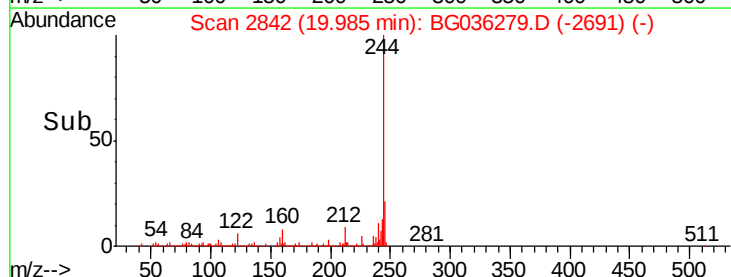
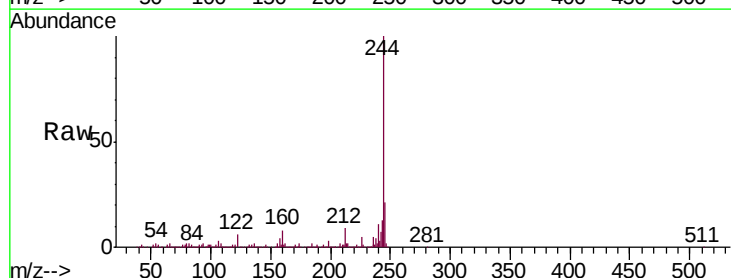
Tgt Ion:184 Resp: 15944

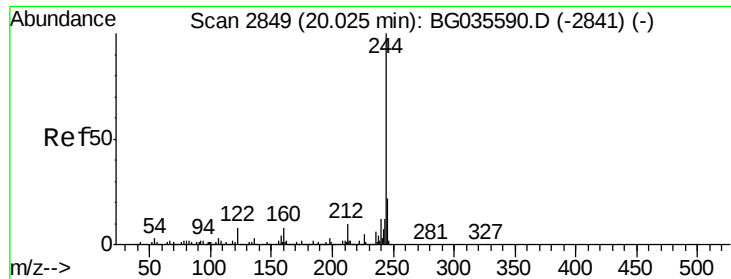
Ion Ratio Lower Upper

184 100

185 20.4 11.1 16.7#

183 9.7 10.6 16.0#





#78

Terphenyl-d14

Concen: 108.575 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036279.D

Acq: 10 Aug 2018 22:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

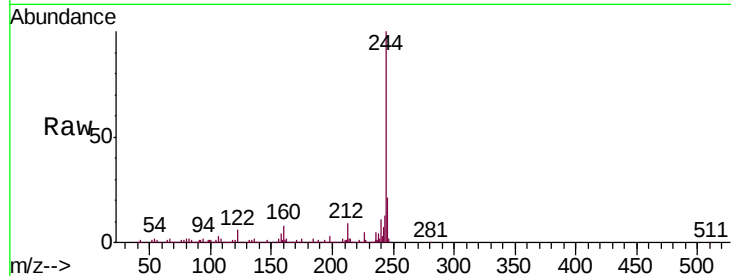
Tgt Ion:244 Resp: 941603

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

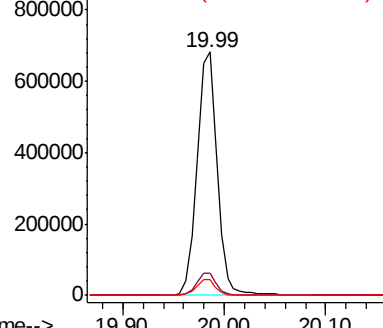
122 6.2 7.0 10.4#



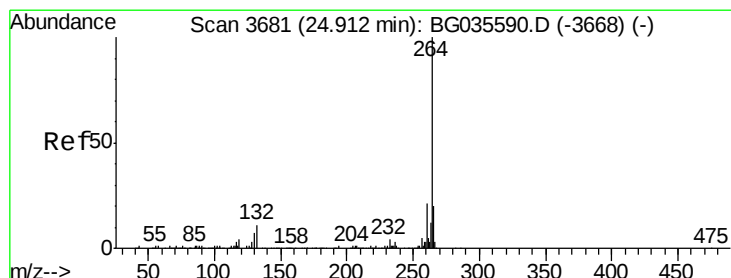
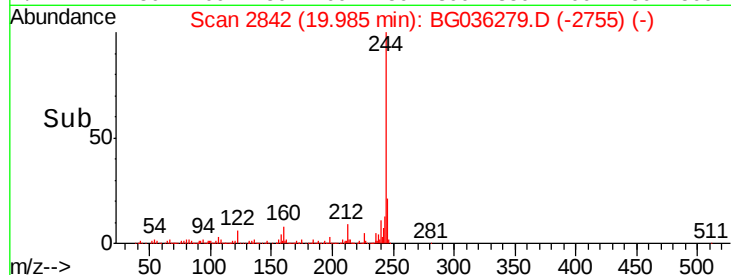
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036279.D

Acq: 10 Aug 2018 22:40

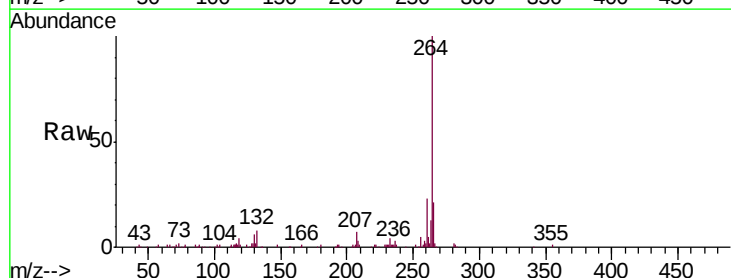
Tgt Ion:264 Resp: 179318

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

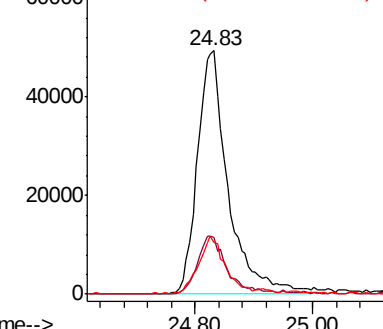
265 21.3 17.7 26.5



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



Time-->

