

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036073.D
 Acq On : 3 Aug 2018 00:40
 Operator : JU/SJ
 Sample : J4260-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Aug 03 07:09:18 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

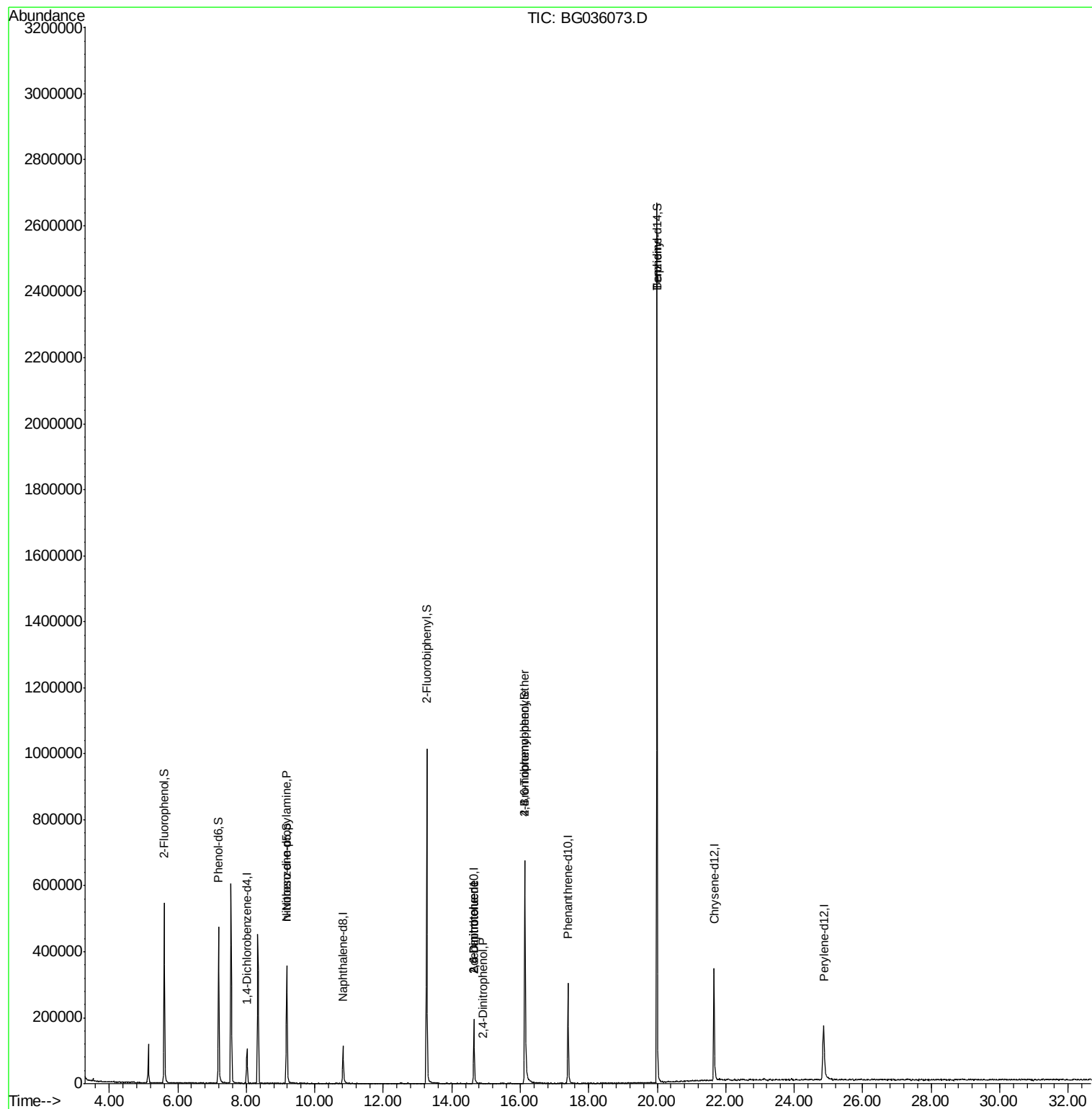
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29432	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	107243	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	77817	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	227123	20.00	ng	0.00
75) Chrysene-d12	21.66	240	259034	20.00	ng	0.00
86) Perylene-d12	24.85	264	245251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	233613	131.78	ng	0.00
7) Phenol-d6	7.19	99	300654	113.67	ng	0.00
23) Nitrobenzene-d5	9.18	82	258660	100.76	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	169212	164.98	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	581823	100.17	ng	0.00
78) Terphenyl-d14	20.00	244	1255919	106.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	35496	15.937	ng	# 69
50) 2,6-Dinitrotoluene	14.64	165	10606	7.639	ng	# 18
53) 2,4-Dinitrophenol	14.93	184	66	6.667	ng	# 1
56) 2,4-Dinitrotoluene	14.64	165	10606	5.325	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	13190	5.006	ng	# 1
76) Benzidine	20.00	184	21860	3.210	ng	# 90

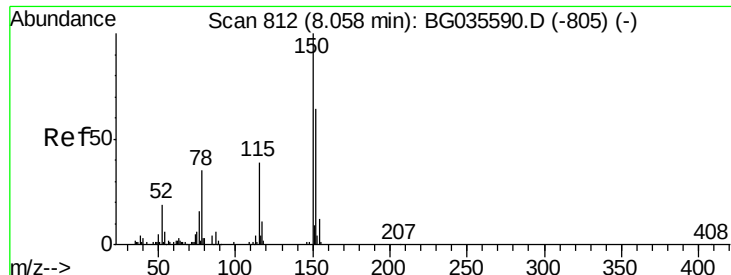
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Aug 03 07:09:18 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



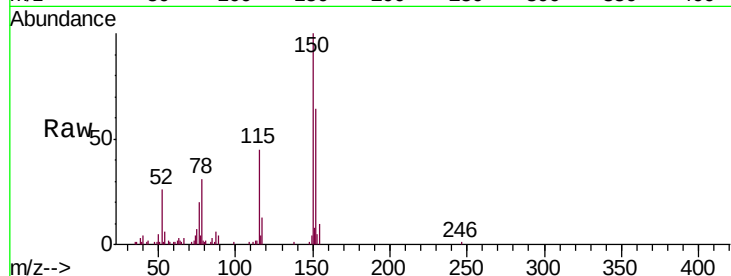


#1

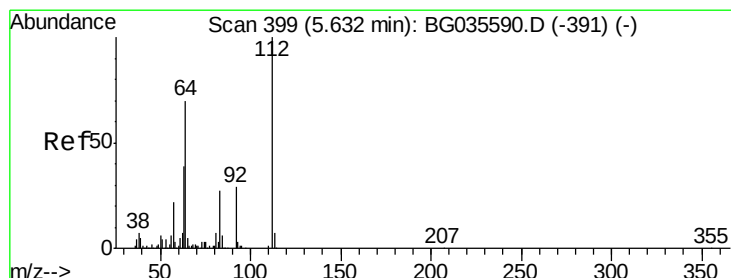
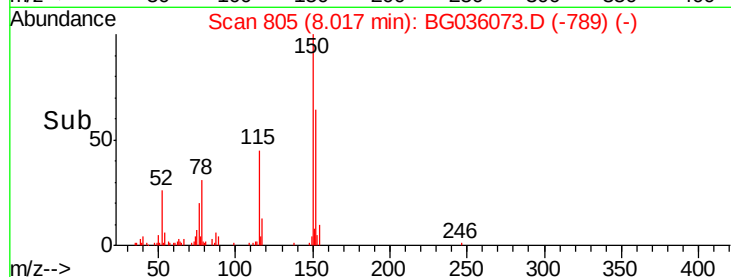
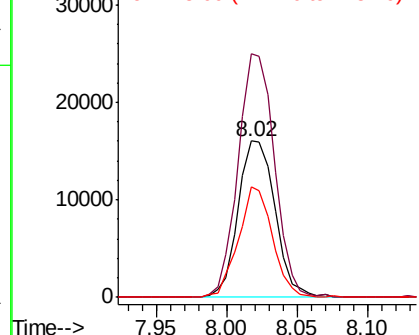
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036073.D
Acq: 3 Aug 2018 00:40

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 29432
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 70.5 53.0 79.4



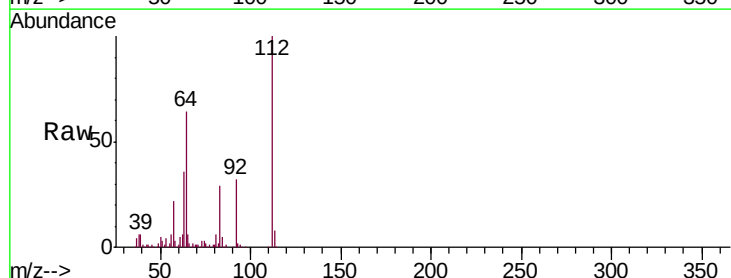
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



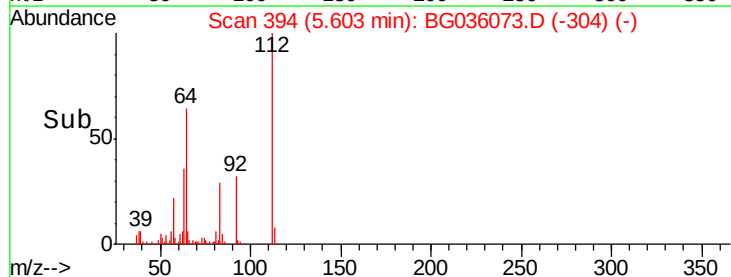
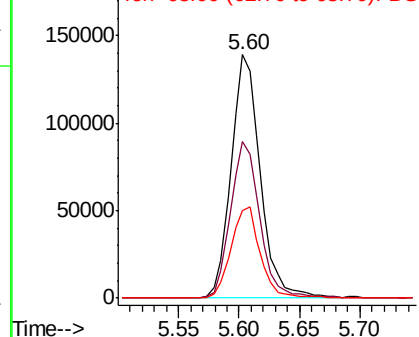
#5

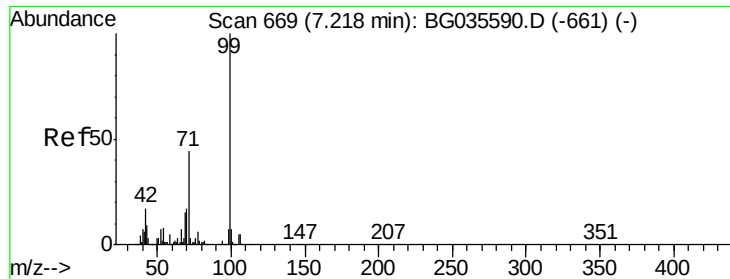
2-Fluorophenol
Concen: 131.779 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036073.D
Acq: 3 Aug 2018 00:40

Tgt Ion:112 Resp: 233613
Ion Ratio Lower Upper
112 100
64 64.2 56.3 84.5
63 36.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.671 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036073.D

Acq: 3 Aug 2018 00:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

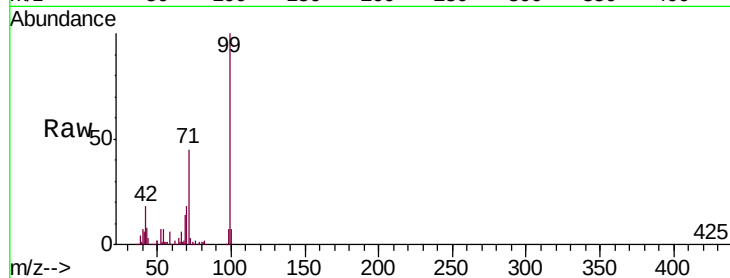
Tgt Ion: 99 Resp: 300654

Ion Ratio Lower Upper

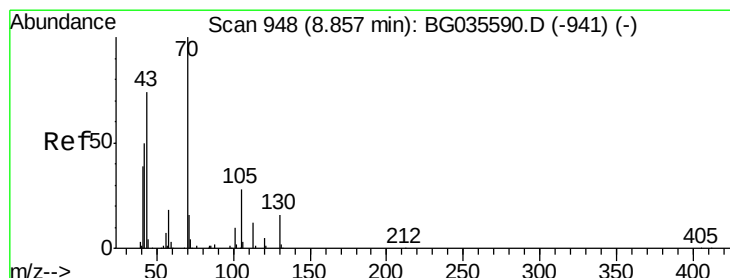
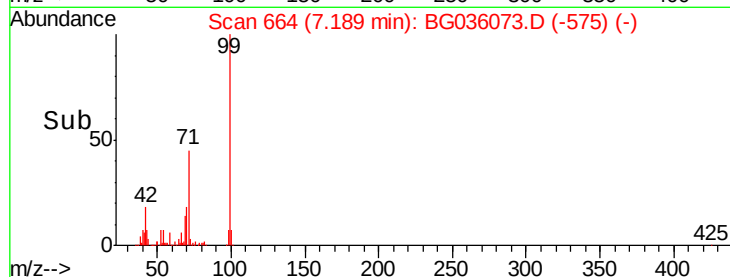
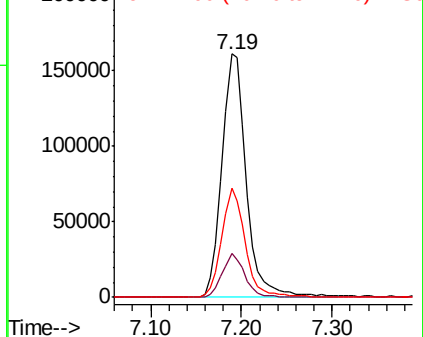
99 100

42 17.8 14.1 21.1

71 45.0 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: 15.937 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036073.D

Acq: 3 Aug 2018 00:40

Tgt Ion: 70 Resp: 35496

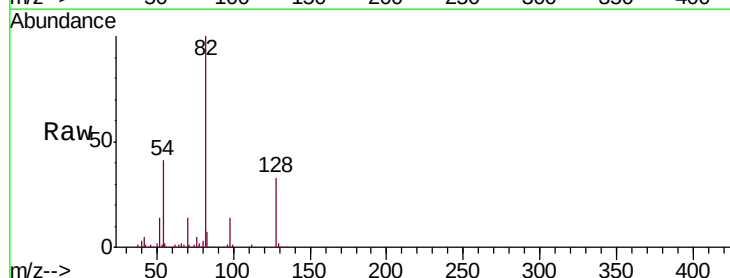
Ion Ratio Lower Upper

70 100

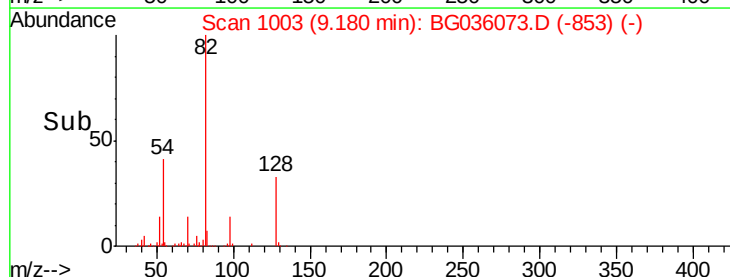
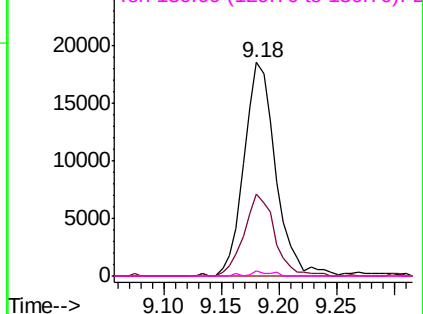
42 38.2 49.1 73.7#

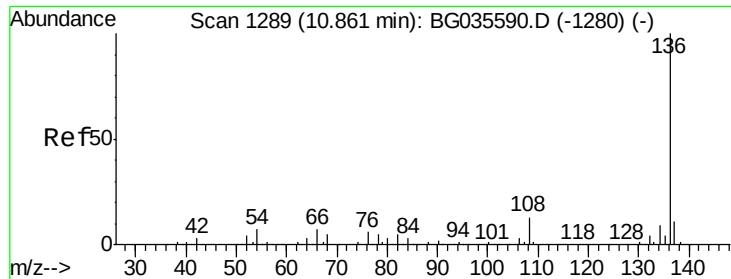
101 0.0 8.5 12.7#

130 2.3 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

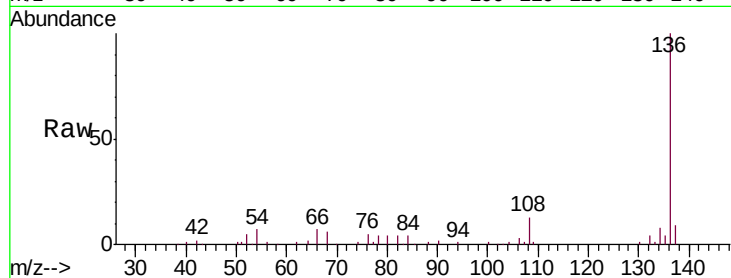




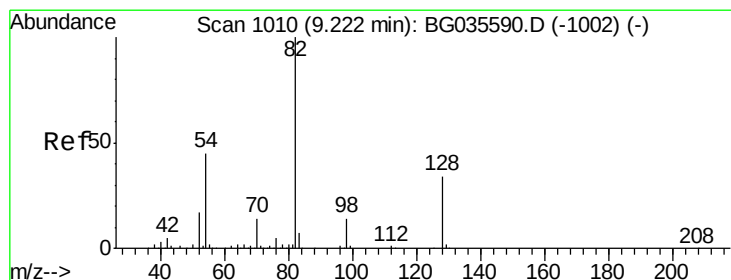
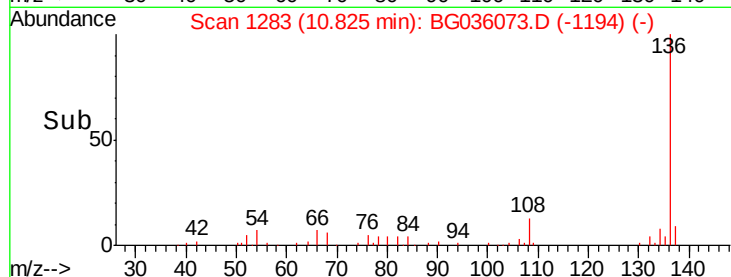
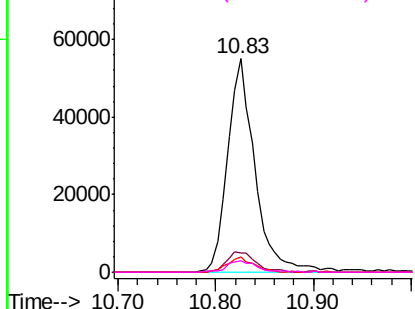
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036073.D
Acq: 3 Aug 2018 00:40

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	107243
Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.2	13.8
54	7.4	10.3	15.5#
68	5.6	4.5	6.7

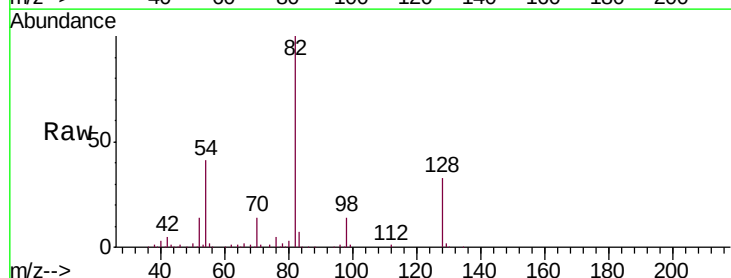


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

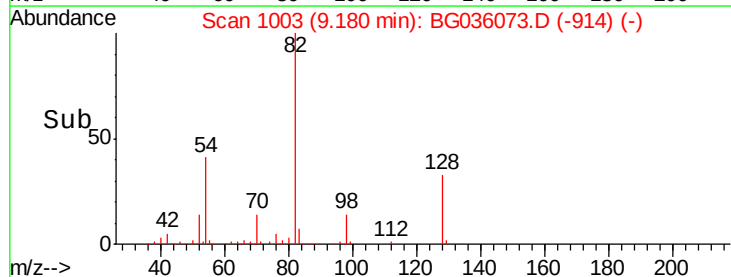
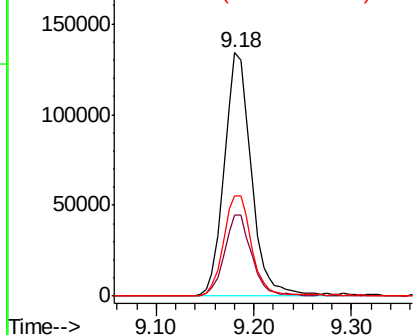


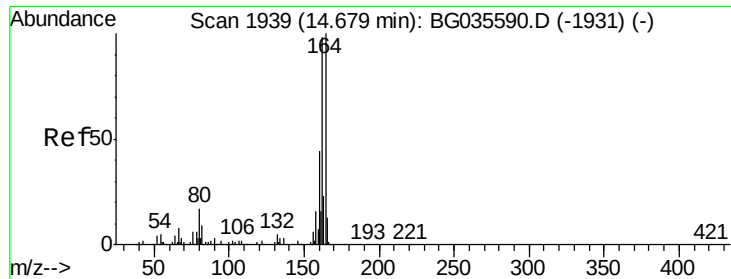
#23
Nitrobenzene-d5
Concen: 100.757 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036073.D
Acq: 3 Aug 2018 00:40

Tgt Ion:	82	Resp:	258660
Ion	Ratio	Lower	Upper
82	100		
128	33.2	29.7	44.5
54	41.2	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: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG036073.D

Acq: 3 Aug 2018 00:40

Instrument :

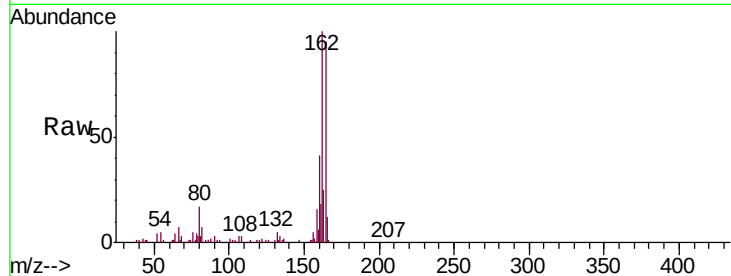
BNA_G

ClientSampleId :

DFTPP

Tgt Ion:164 Resp: 77817

Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	43.3	35.4	53.0

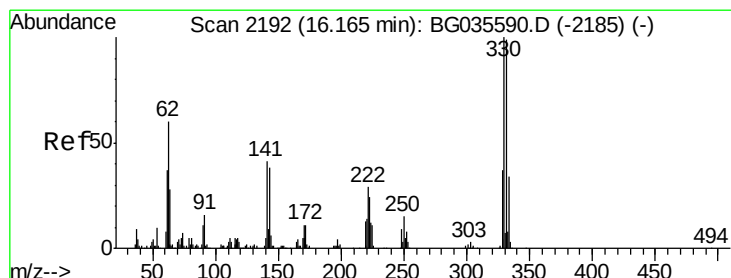
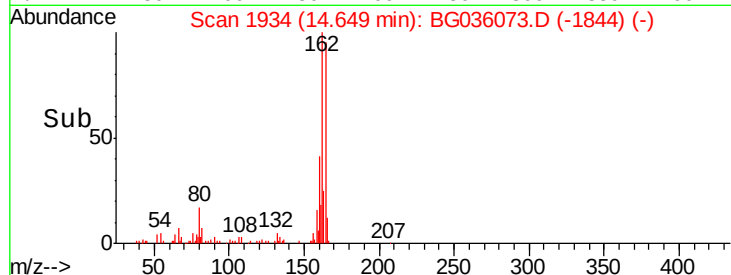
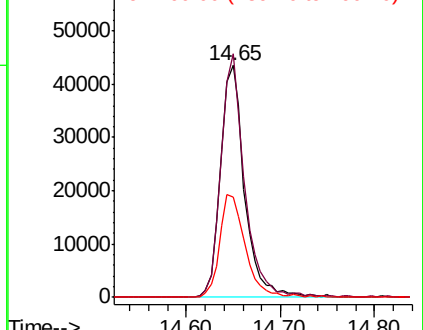


Abundance

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: 164.976 ng

RT: 16.14 min Scan# 2187

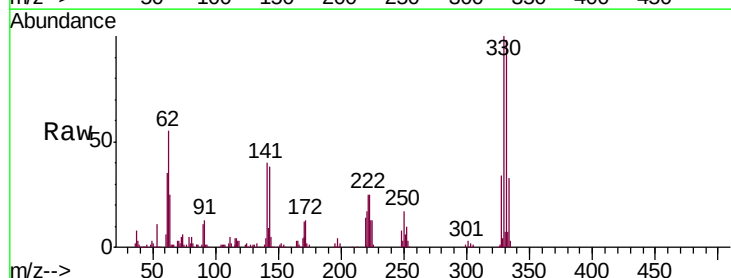
Delta R.T. -0.01 min

Lab File: BG036073.D

Acq: 3 Aug 2018 00:40

Tgt Ion:330 Resp: 169212

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	38.2	25.2	37.8

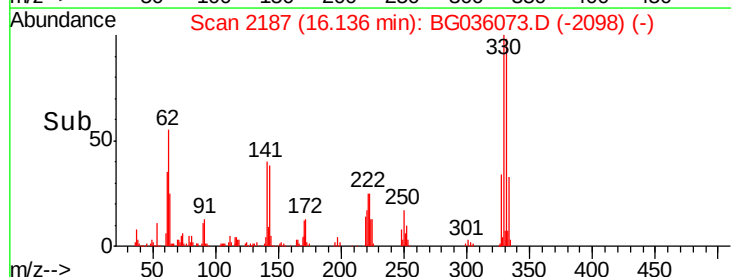
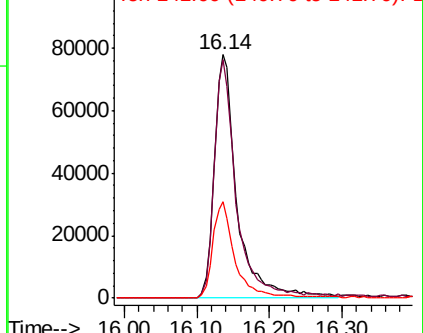


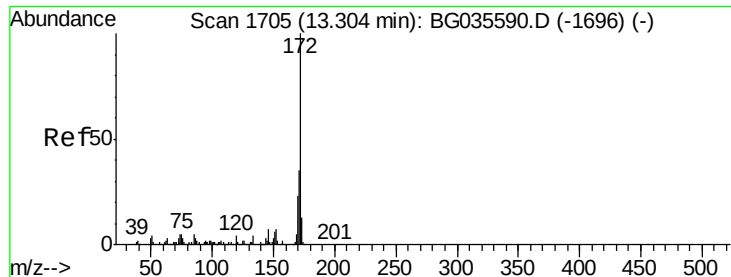
Abundance

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

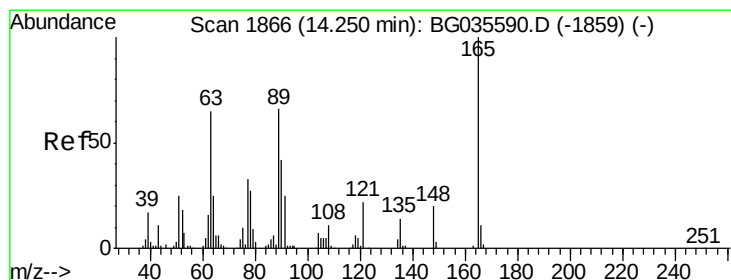
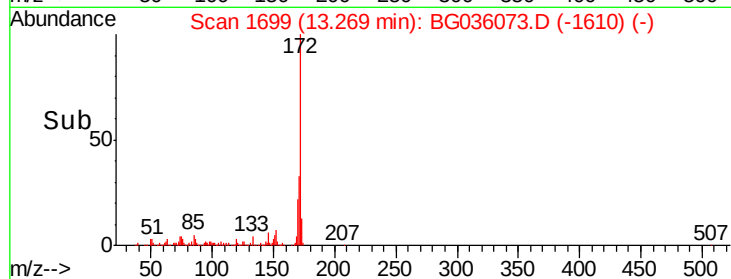
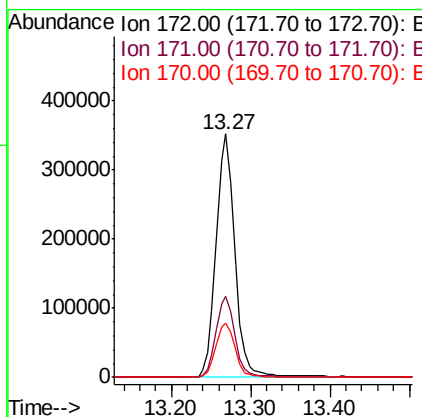
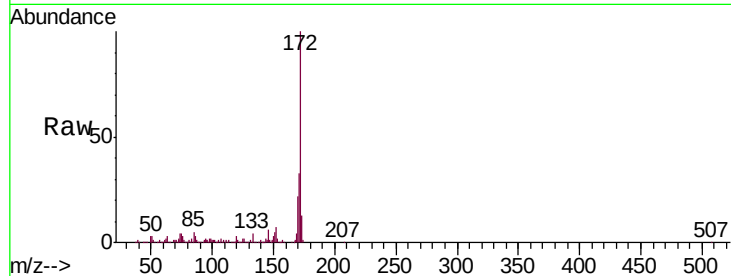




#44
2-Fluorobiphenyl
Concen: 100.170 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036073.D
Acq: 3 Aug 2018 00:40

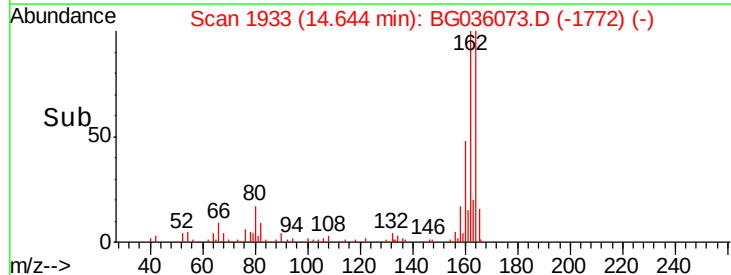
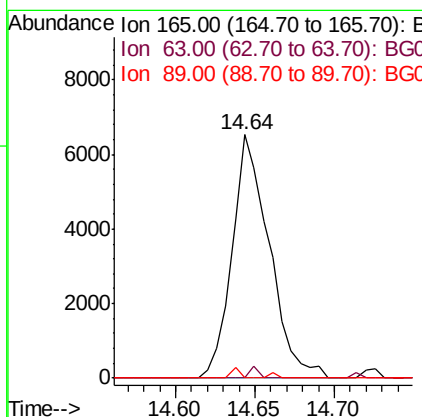
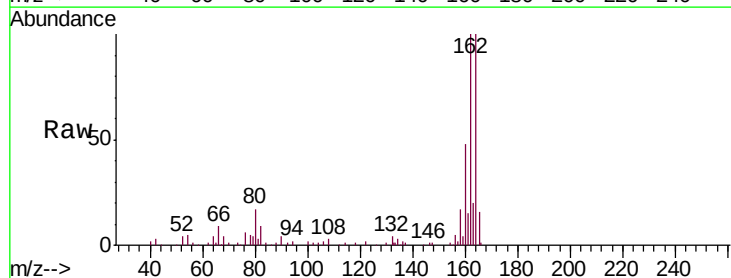
Instrument :
BNA_G
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DFTPP

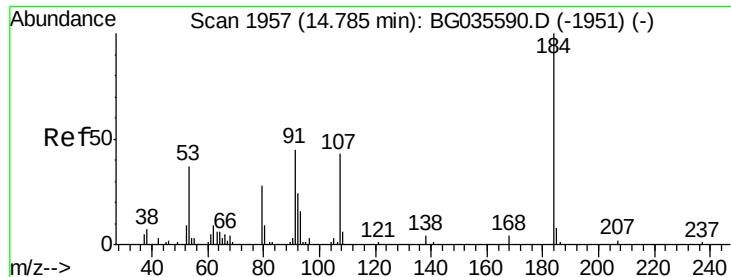
Tgt Ion:172 Resp: 581823
Ion Ratio Lower Upper
172 100
171 33.2 30.0 45.0
170 22.3 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.639 ng
RT: 14.64 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG036073.D
Acq: 3 Aug 2018 00:40

Tgt Ion:165 Resp: 10606
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

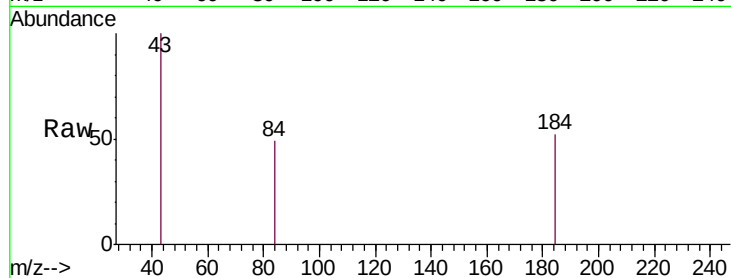




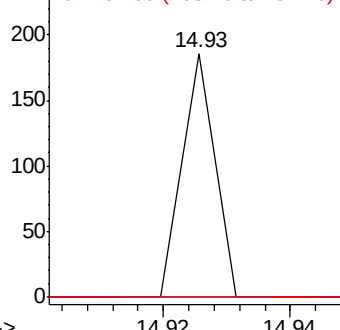
#53
 2,4-Dinitrophenol
 Concen: 6.667 ng
 RT: 14.93 min Scan# 1981
 Delta R.T. 0.16 min
 Lab File: BG036073.D
 Acq: 3 Aug 2018 00:40

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

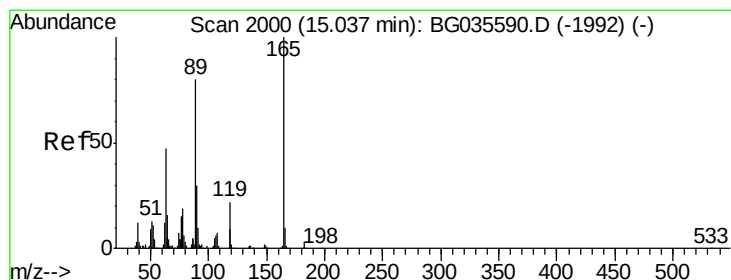
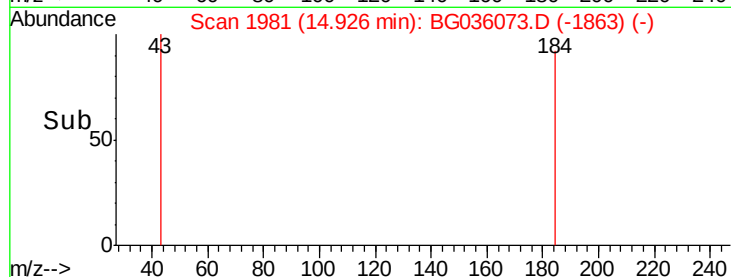
Tgt Ion:184 Resp: 66
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 250 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

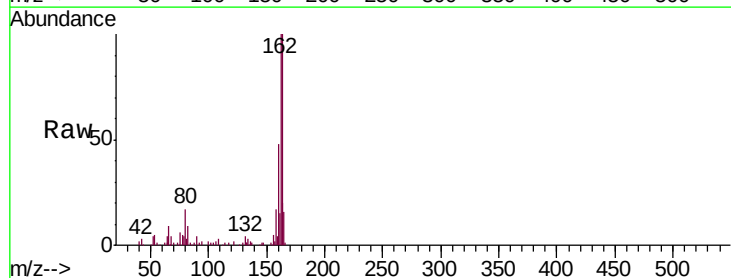


Time-->

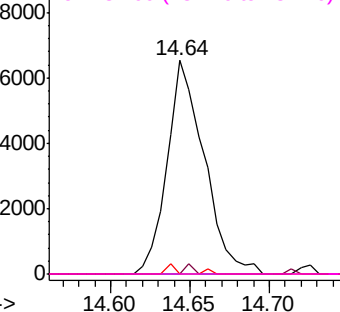


#56
 2,4-Dinitrotoluene
 Concen: 5.325 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG036073.D
 Acq: 3 Aug 2018 00:40

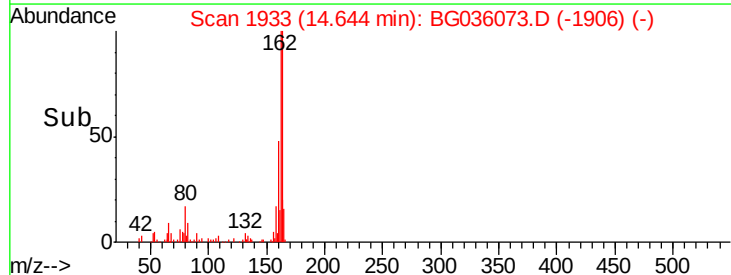
Tgt Ion:165 Resp: 10606
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

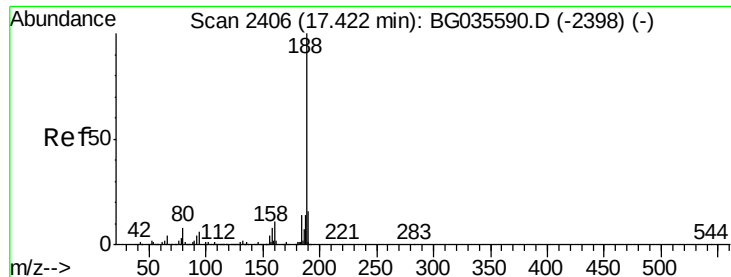


Abundance Ion 165.00 (164.70 to 165.70): E
 10000 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E



Time-->





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036073.D

Acq: 3 Aug 2018 00:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

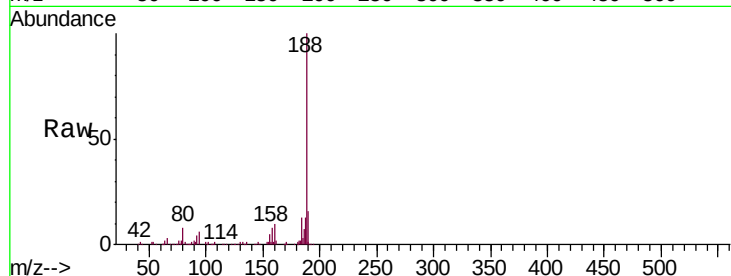
Tgt Ion:188 Resp: 227123

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

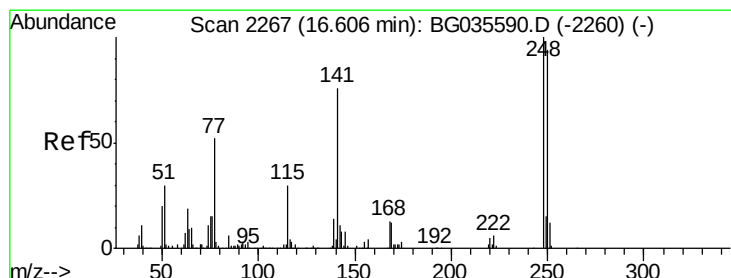
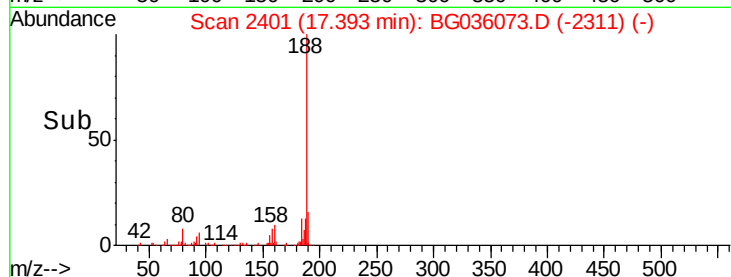
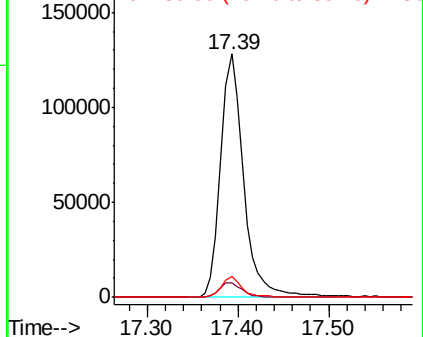
80 8.4 7.7 11.5



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: 5.006 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.45 min

Lab File: BG036073.D

Acq: 3 Aug 2018 00:40

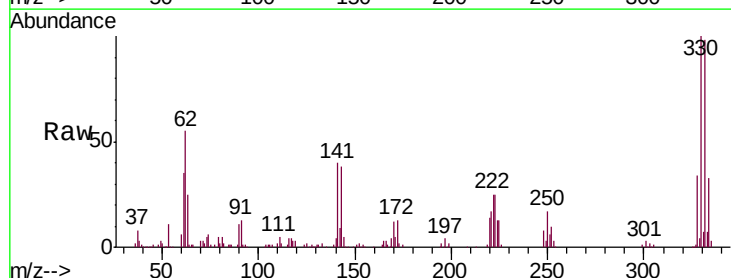
Tgt Ion:248 Resp: 13190

Ion Ratio Lower Upper

248 100

250 200.8 77.1 115.7#

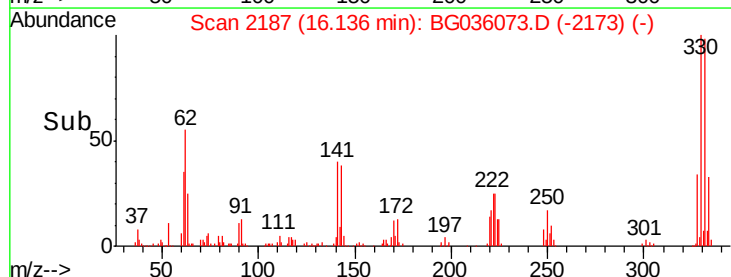
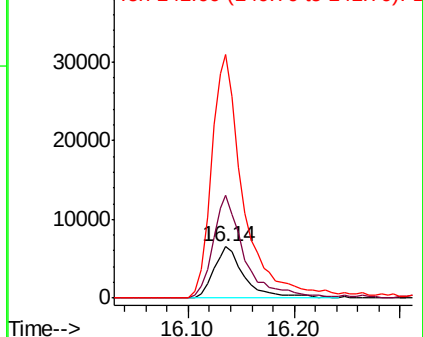
141 476.2 50.8 76.2#

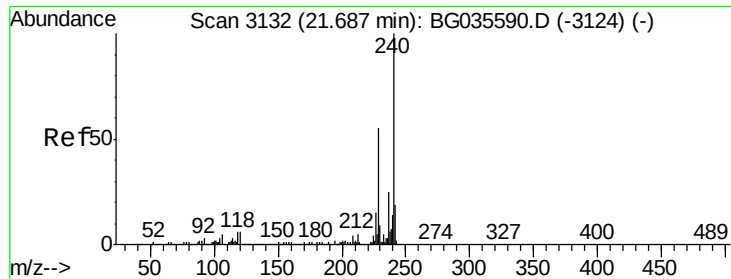


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036073.D

Acq: 3 Aug 2018 00:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

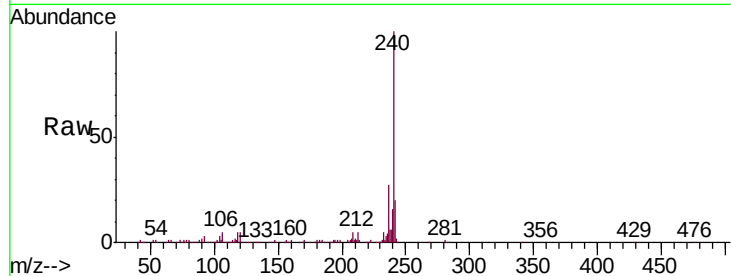
Tgt Ion:240 Resp: 259034

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

236 27.3 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

21.66

150000

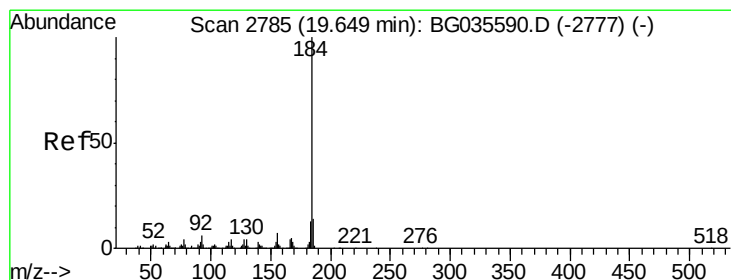
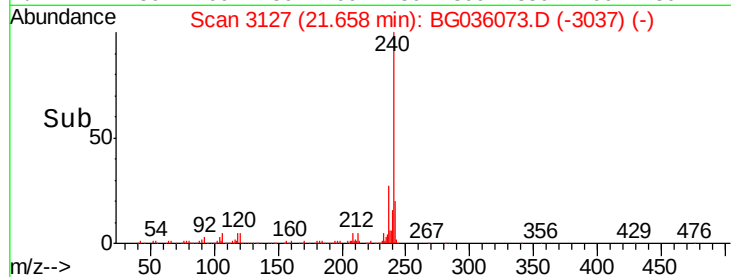
100000

50000

0

21.60 21.70 21.80

Time-->



#76

Benzidine

Concen: 3.210 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036073.D

Acq: 3 Aug 2018 00:40

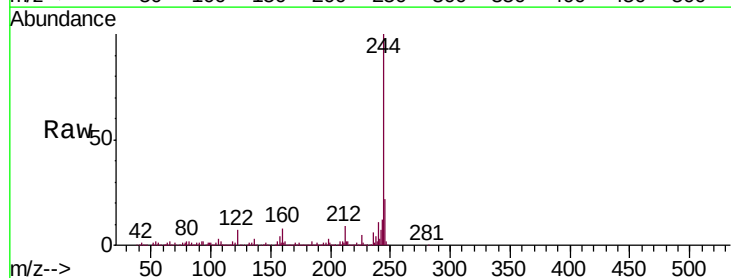
Tgt Ion:184 Resp: 21860

Ion Ratio Lower Upper

184 100

185 17.9 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

20.00

20000

15000

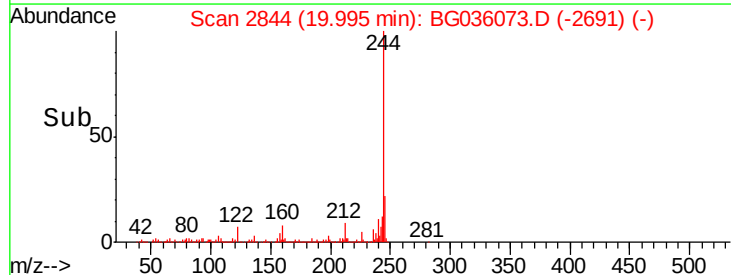
10000

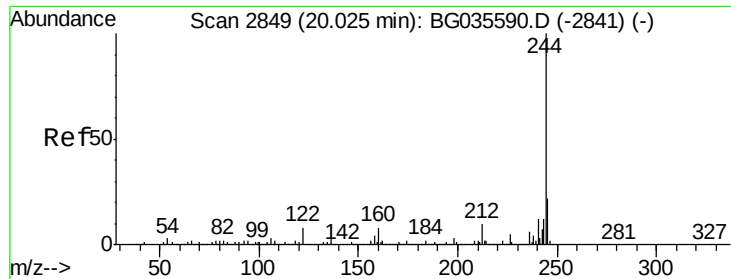
5000

0

19.95 20.00 20.05

Time-->





#78

Terphenyl-d14

Concen: 106.875 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036073.D

Acq: 3 Aug 2018 00:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

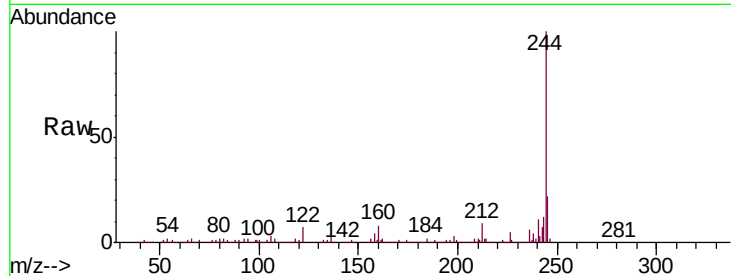
Tgt Ion:244 Resp: 1255919

Ion Ratio Lower Upper

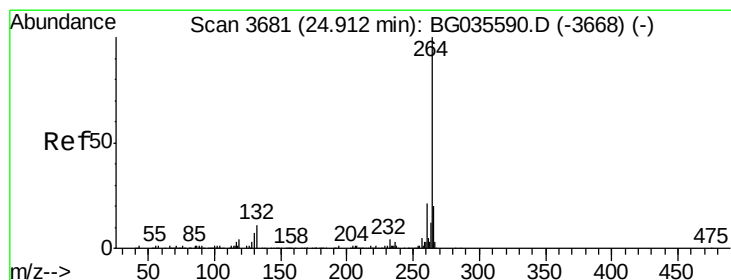
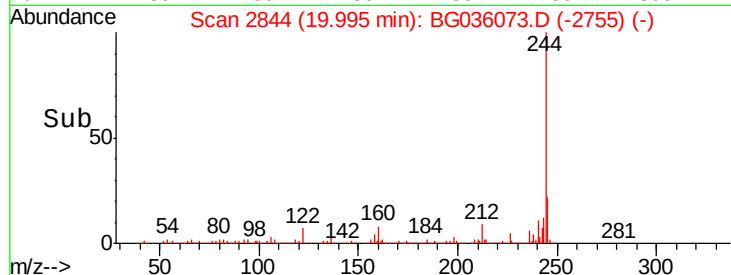
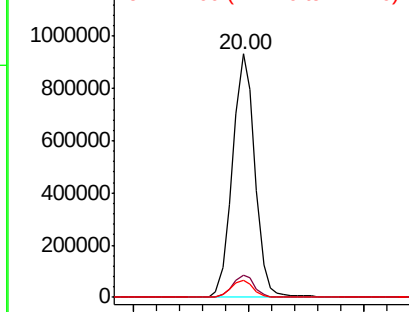
244 100

212 9.3 5.8 8.8#

122 6.9 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: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG036073.D

Acq: 3 Aug 2018 00:40

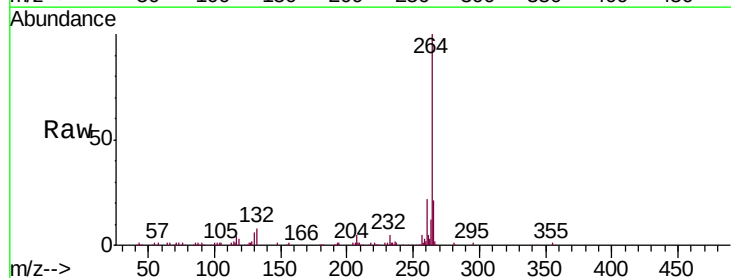
Tgt Ion:264 Resp: 245251

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 20.6 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

