

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083018\
 Data File : BG036493.D
 Acq On : 31 Aug 2018 00:42
 Operator : JU/SJ
 Sample : J4677-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Aug 31 04:19:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

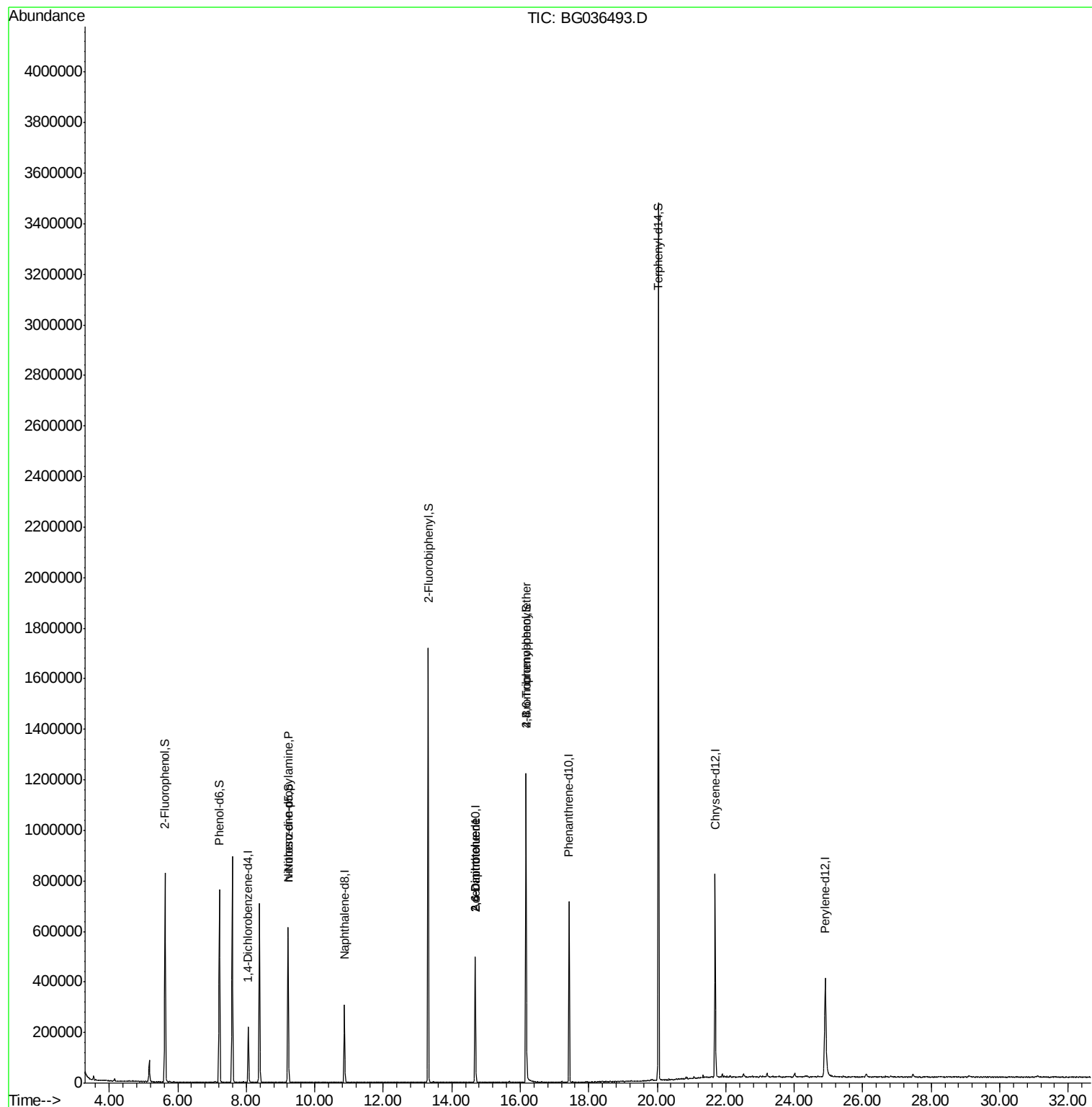
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62258	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	257617	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	173863	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	459722	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	502115	20.00	ng	-0.02
86) Perylene-d12	24.90	264	484376	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	350606	89.33	ng	0.00
7) Phenol-d6	7.21	99	437307	77.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	368405	77.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	226086	108.98	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	894250	73.44	ng	-0.01
78) Terphenyl-d14	20.03	244	1584103	73.74	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	48162	11.468	ng	# 73
50) 2,6-Dinitrotoluene	14.68	165	22055	7.550	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	22055	5.793	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	15352	2.852	ng	# 1

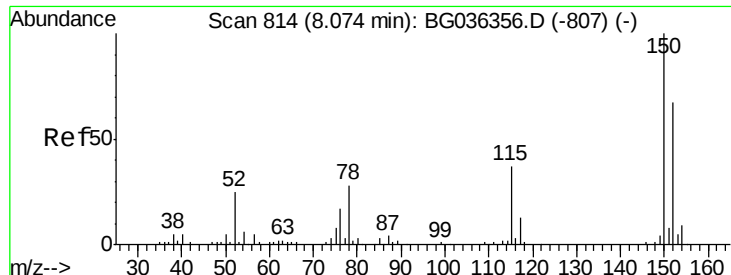
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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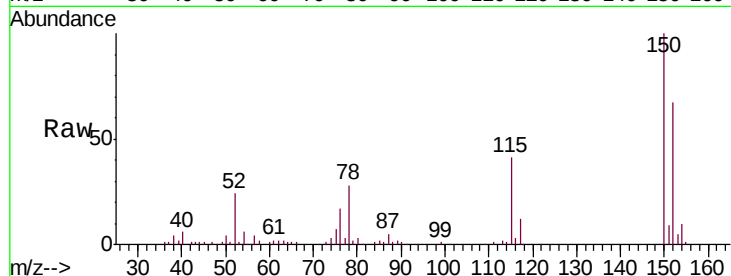


#1

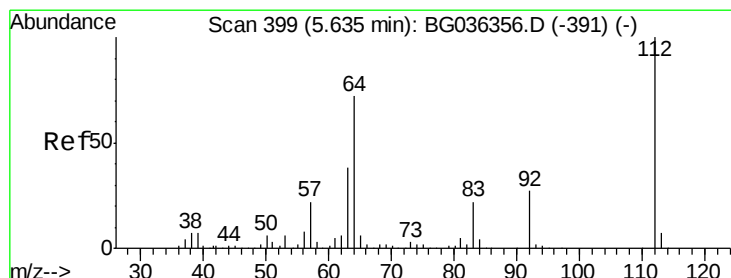
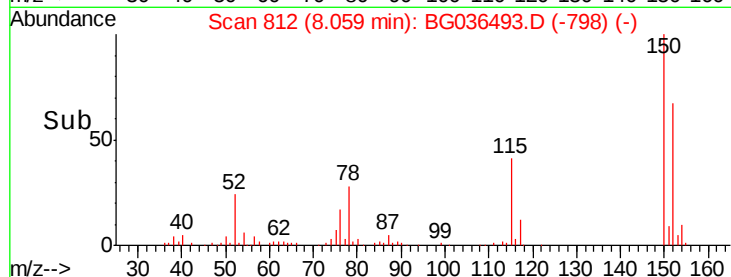
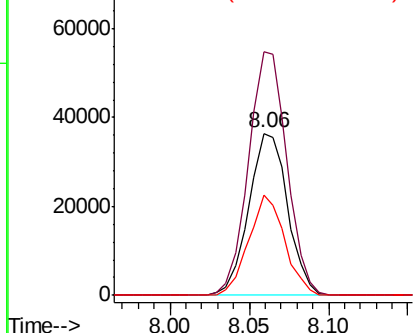
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 62258
Ion Ratio Lower Upper
152 100
150 150.2 119.5 179.3
115 62.0 44.5 66.7



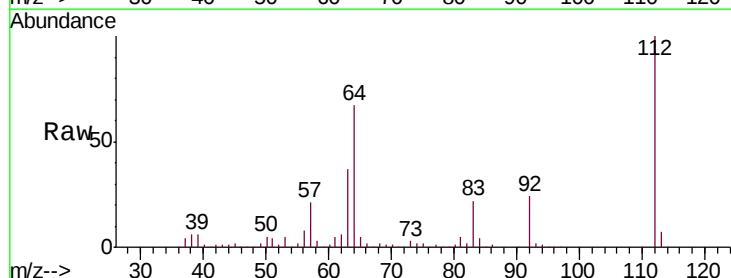
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



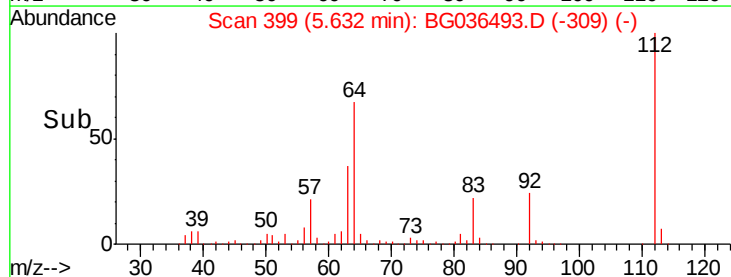
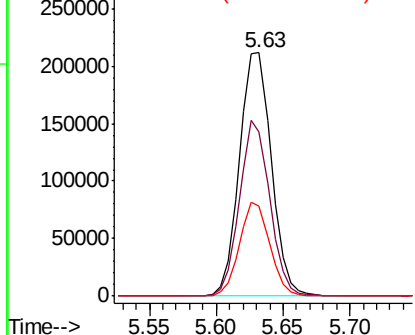
#5

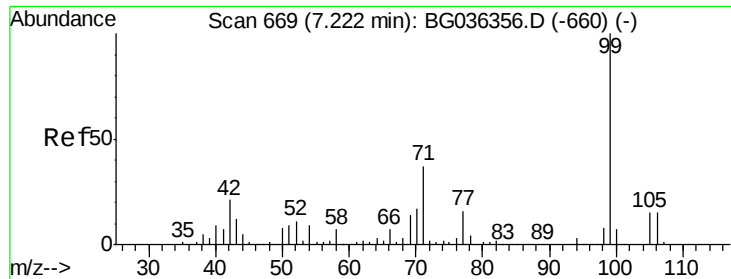
2-Fluorophenol
Concen: 89.332 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

Tgt Ion:112 Resp: 350606
Ion Ratio Lower Upper
112 100
64 67.4 57.2 85.8
63 37.0 30.8 46.2



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: 77.823 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036493.D

Acq: 31 Aug 2018 00:42

Instrument :

BNA_G

ClientSampleId :

DFTPP

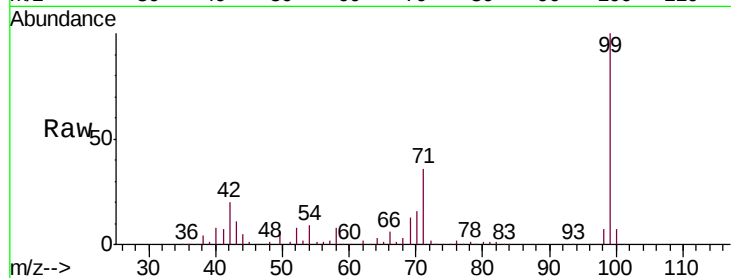
Tgt Ion: 99 Resp: 437307

Ion Ratio Lower Upper

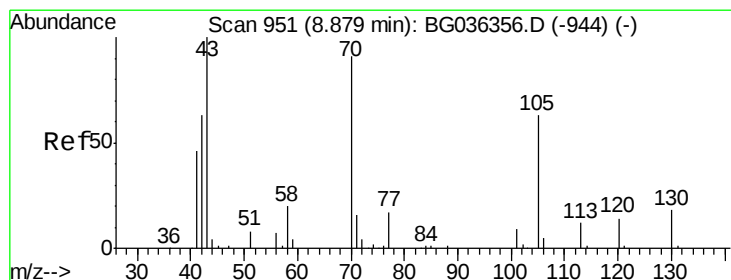
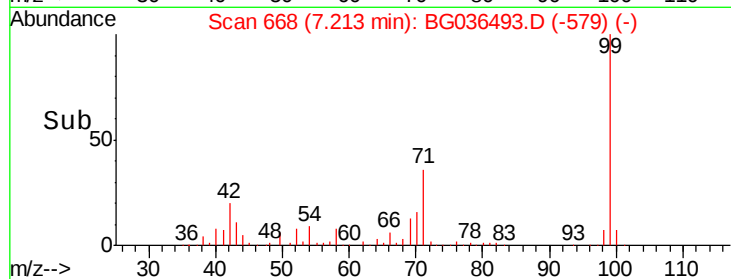
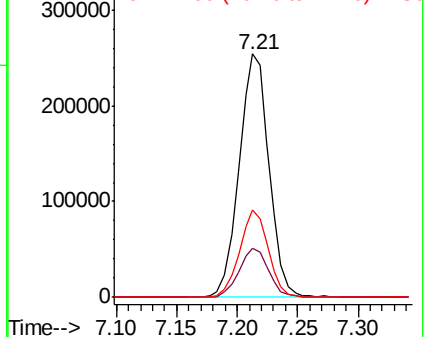
99 100

42 20.1 16.5 24.7

71 36.1 29.4 44.2



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: 11.468 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036493.D

Acq: 31 Aug 2018 00:42

Tgt Ion: 70 Resp: 48162

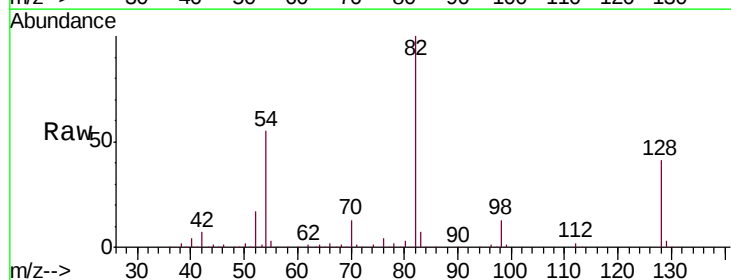
Ion Ratio Lower Upper

70 100

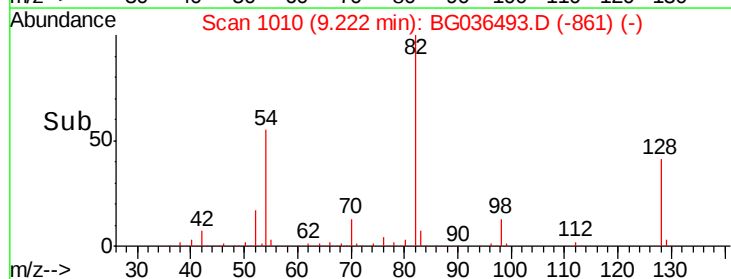
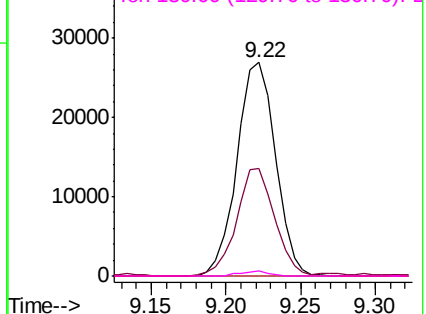
42 50.5 56.2 84.4#

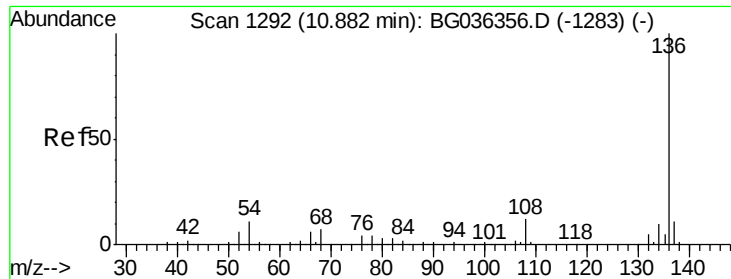
101 0.0 7.8 11.6#

130 2.3 16.2 24.2#



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

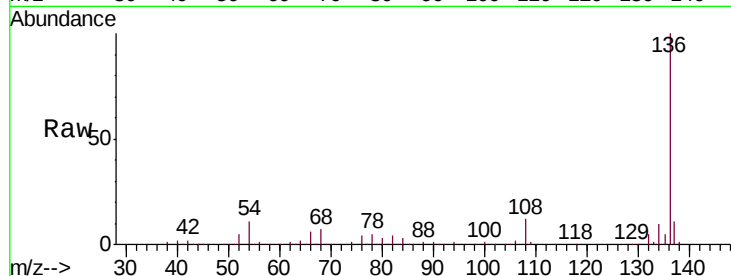




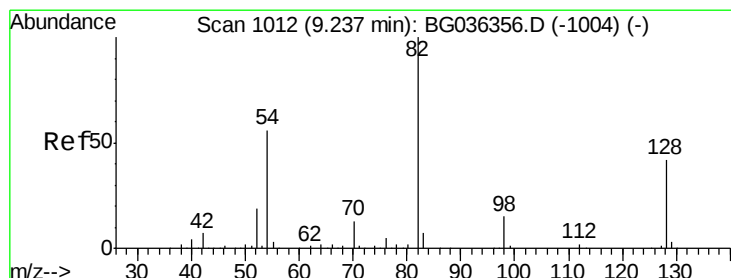
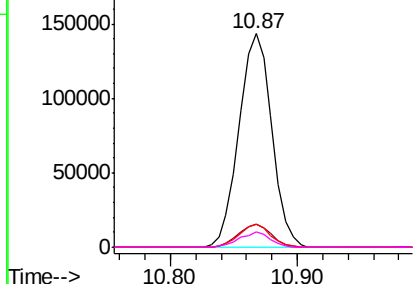
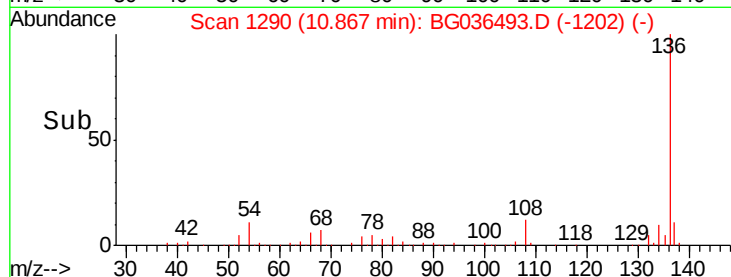
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	257617
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.8	9.2	13.8
68	7.0	5.8	8.6

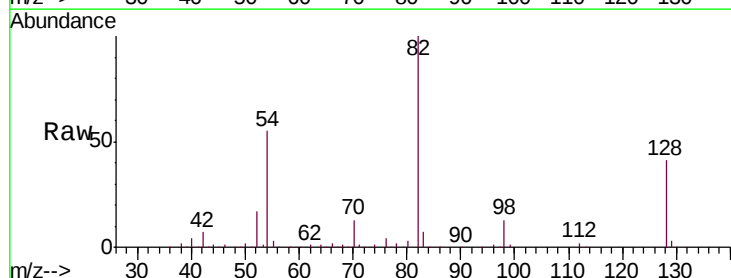


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

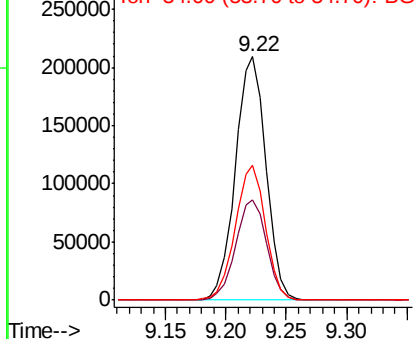
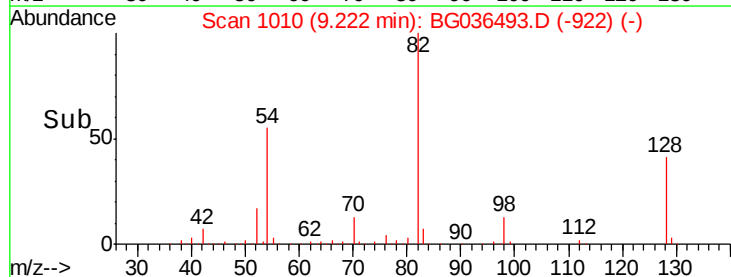


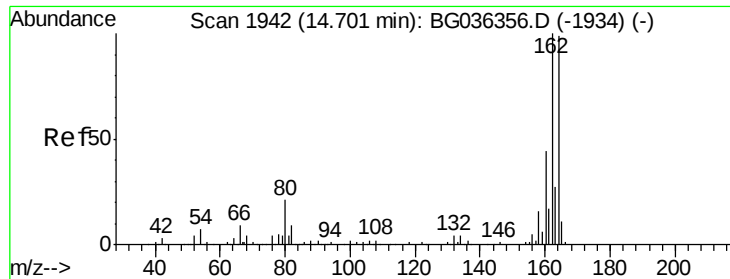
#23
Nitrobenzene-d5
Concen: 77.590 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

Tgt Ion:	82	Resp:	368405
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	55.1	45.1	67.7



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

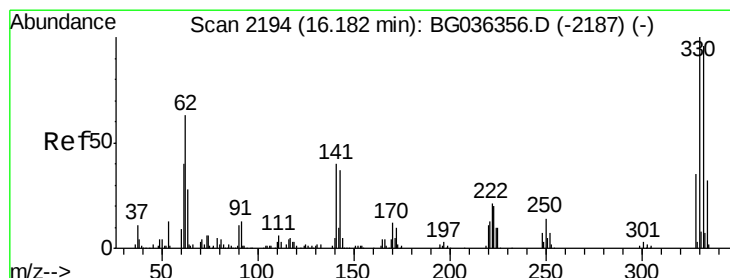
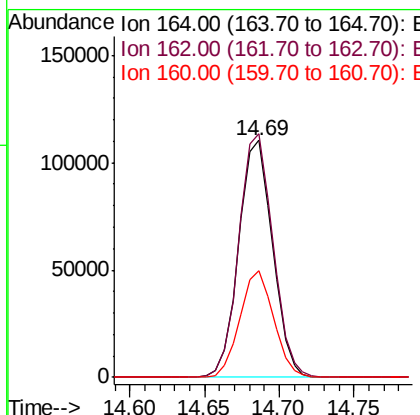
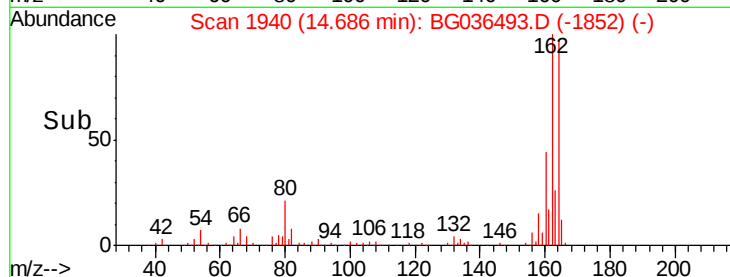
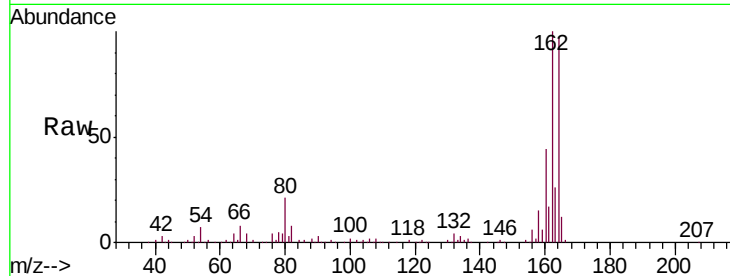




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

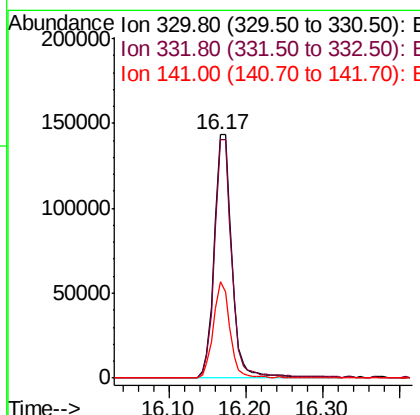
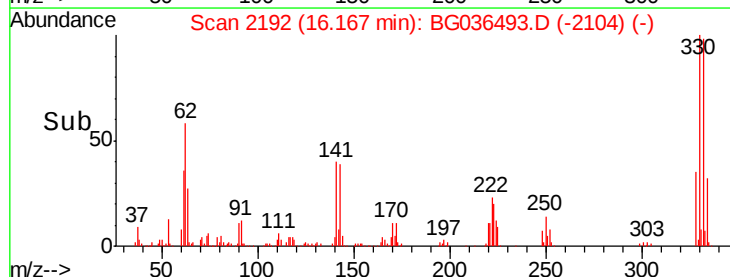
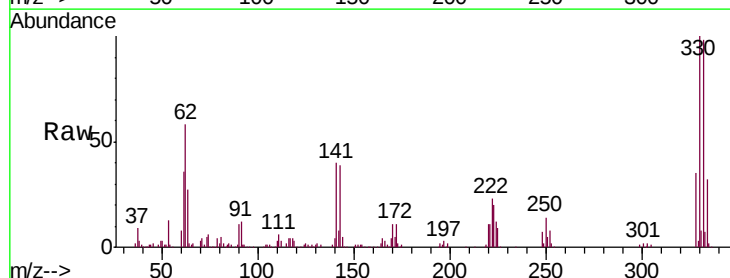
Instrument :
BNA_G
ClientSampleId :
DFTPP

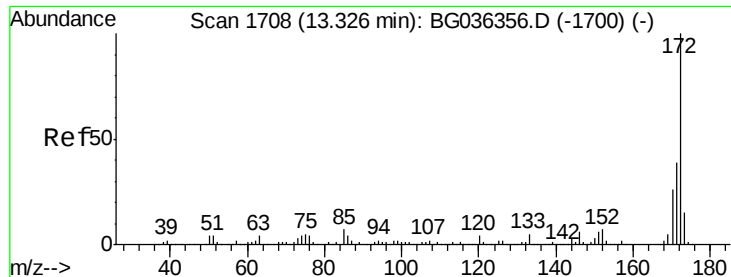
Tgt Ion:164 Resp: 173863
Ion Ratio Lower Upper
164 100
162 102.9 80.7 121.1
160 45.1 35.3 52.9



#41
2,4,6-Tribromophenol
Concen: 108.979 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

Tgt Ion:330 Resp: 226086
Ion Ratio Lower Upper
330 100
332 95.6 75.4 113.2
141 37.0 30.7 46.1

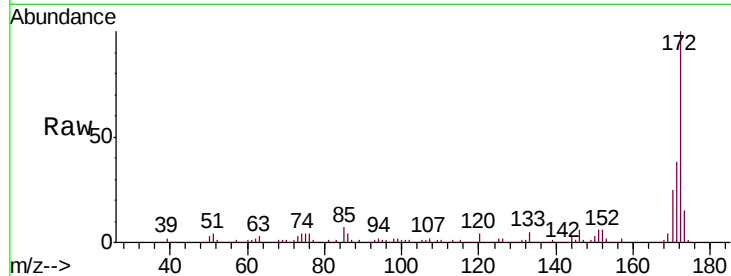




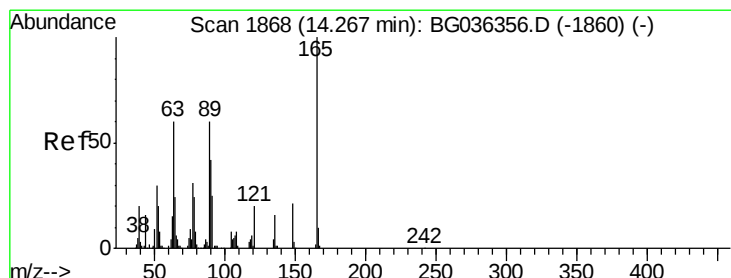
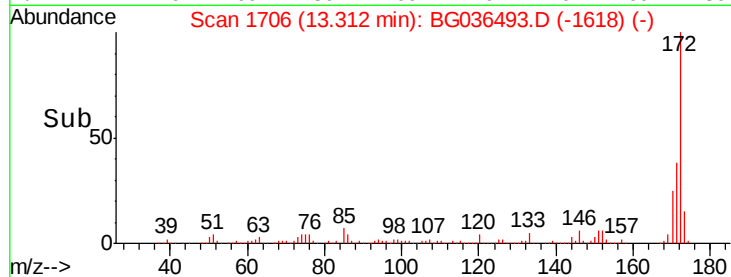
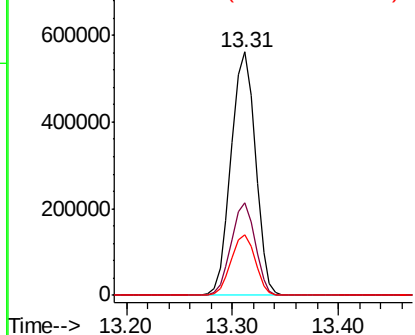
#44
 2-Fluorobiphenyl
 Concen: 73.439 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036493.D
 Acq: 31 Aug 2018 00:42

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:172 Resp: 894250
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 24.9 21.0 31.6

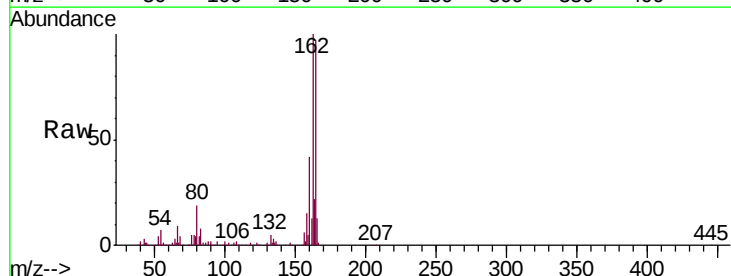


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

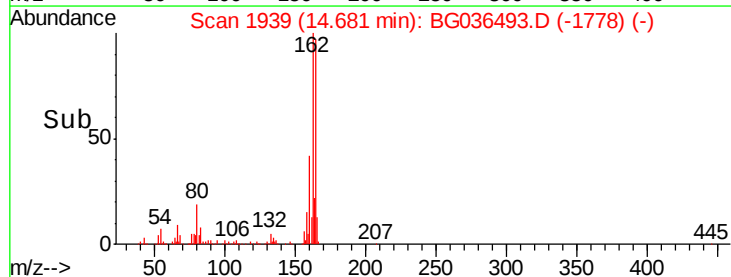
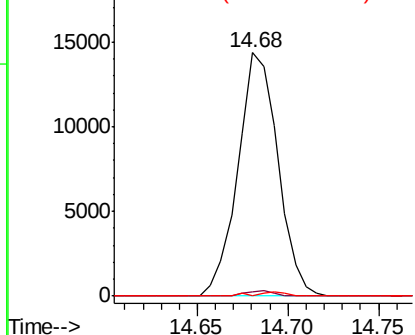


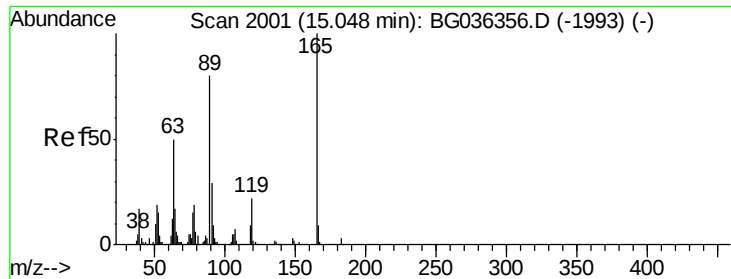
#50
 2,6-Dinitrotoluene
 Concen: 7.550 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG036493.D
 Acq: 31 Aug 2018 00:42

Tgt Ion:165 Resp: 22055
 Ion Ratio Lower Upper
 165 100
 63 1.8 50.1 75.1#
 89 0.0 47.8 71.6#



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

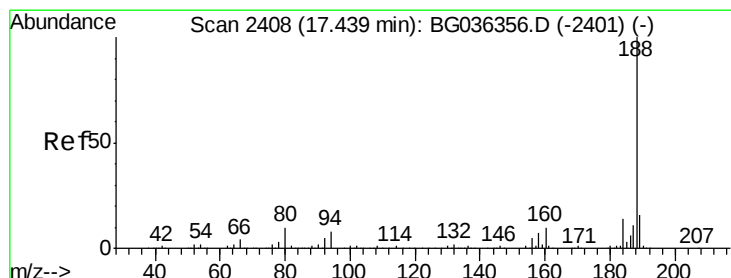
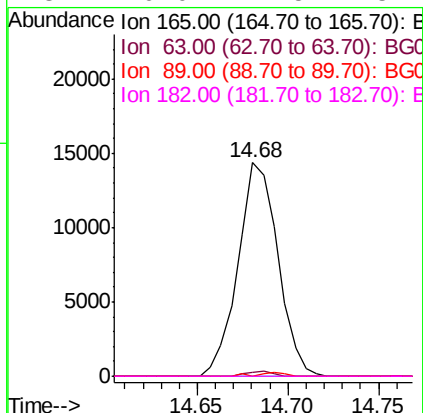
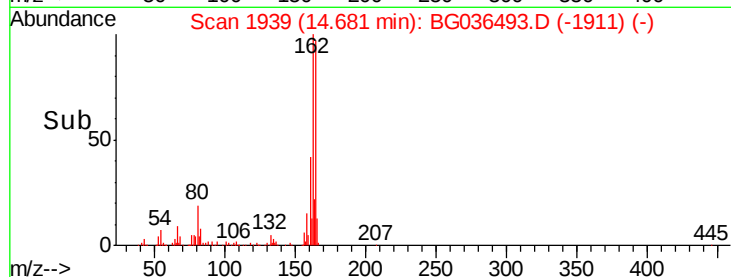
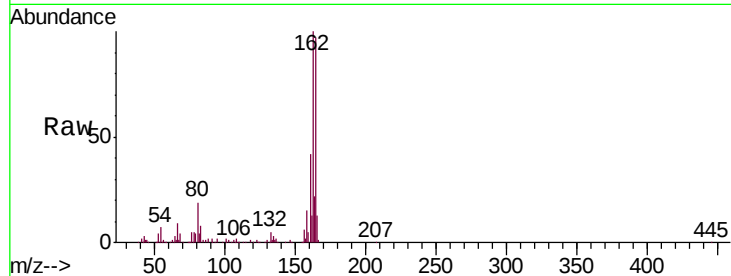




#56
2,4-Dinitrotoluene
Concen: 5.793 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

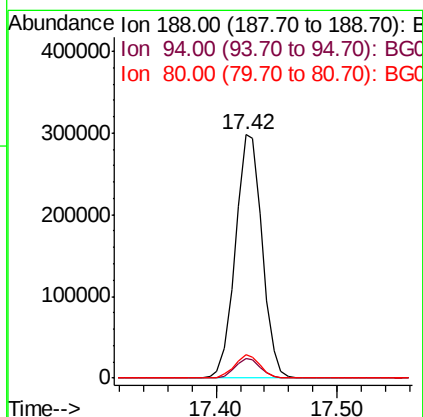
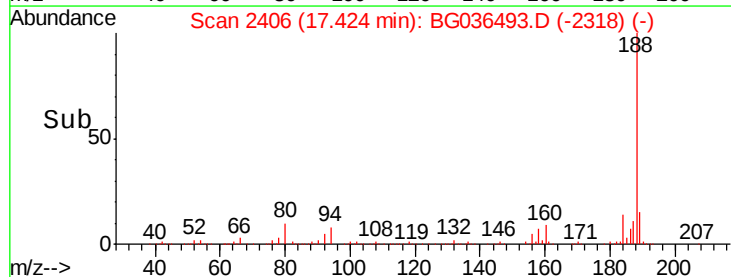
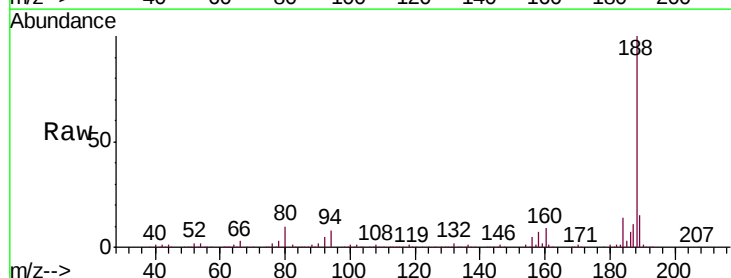
Instrument :
BNA_G
ClientSampleId :
DFTPP

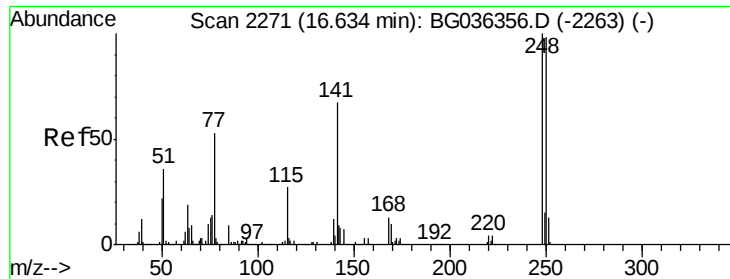
Tgt Ion:165 Resp: 22055
Ion Ratio Lower Upper
165 100
63 1.8 40.1 60.1#
89 0.0 63.7 95.5#
182 0.0 2.5 3.7#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036493.D
Acq: 31 Aug 2018 00:42

Tgt Ion:188 Resp: 459722
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.6 8.1 12.1

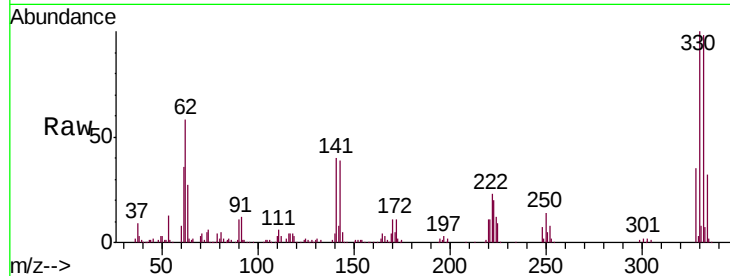




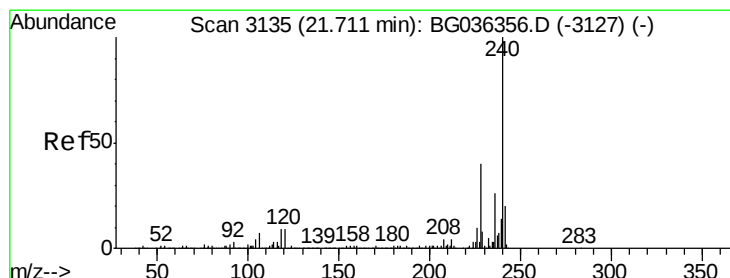
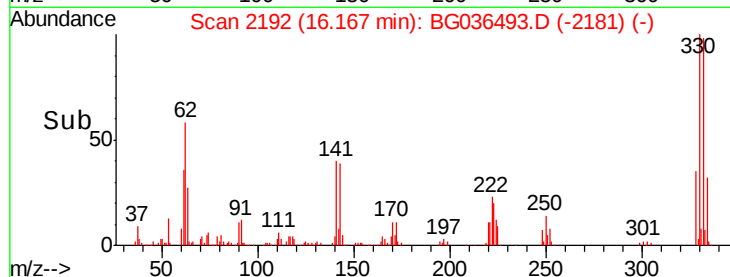
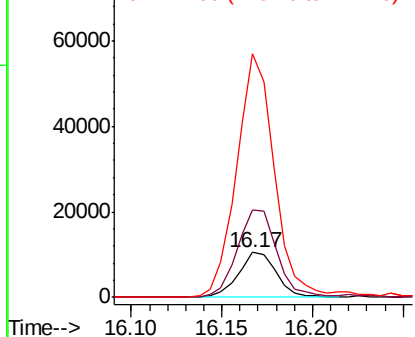
#66
 4-Bromophenyl-phenylether
 Concen: 2.852 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG036493.D
 Acq: 31 Aug 2018 00:42

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:248 Resp: 15352
 Ion Ratio Lower Upper
 248 100
 250 194.4 78.1 117.1#
 141 544.4 53.7 80.5#

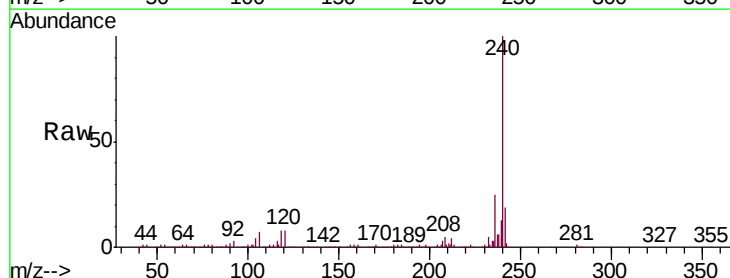


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

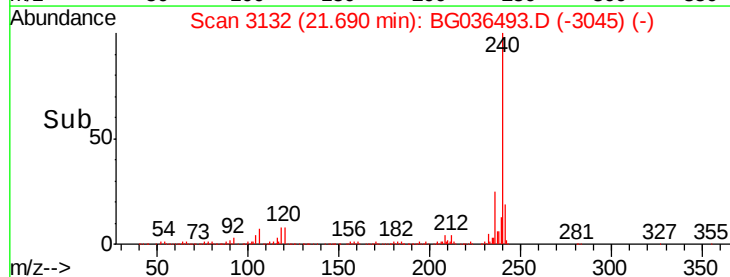
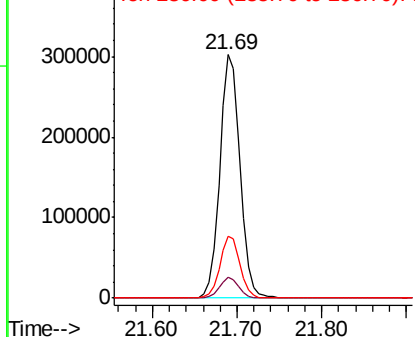


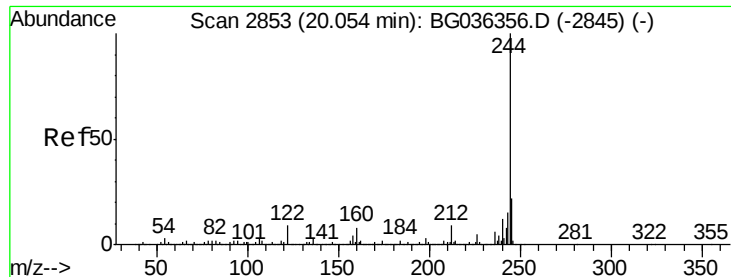
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036493.D
 Acq: 31 Aug 2018 00:42

Tgt Ion:240 Resp: 502115
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.9 10.3
 236 25.5 21.2 31.8



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





#78

Terphenyl-d14

Concen: 73.740 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036493.D

Acq: 31 Aug 2018 00:42

Instrument :

BNA_G

ClientSampleId :

DFTPP

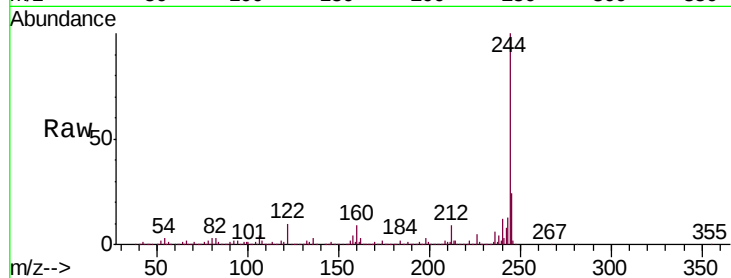
Tgt Ion:244 Resp: 1584103

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

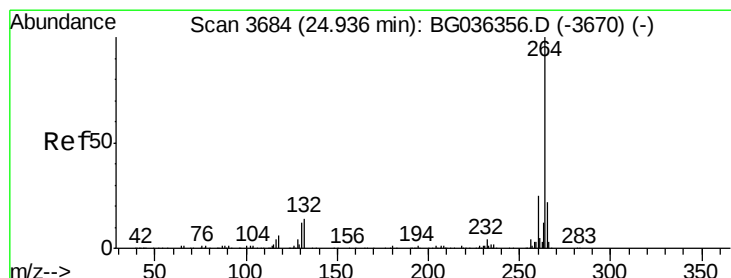
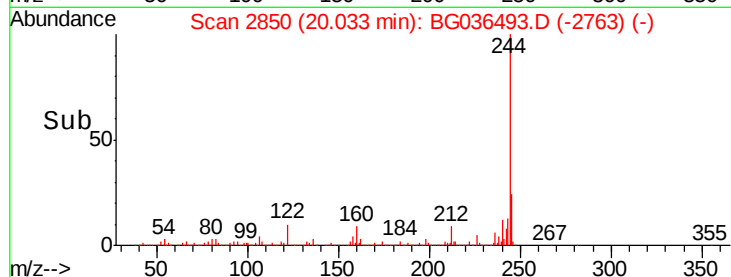
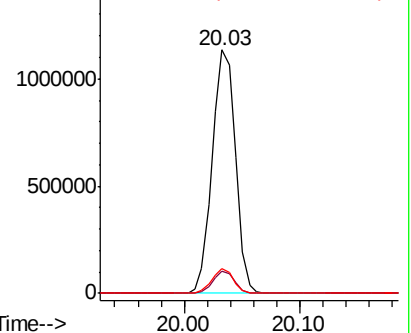
122 10.1 7.1 10.7



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: 24.90 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG036493.D

Acq: 31 Aug 2018 00:42

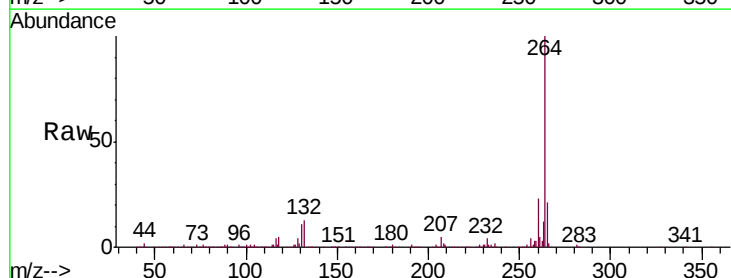
Tgt Ion:264 Resp: 484376

Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 21.2 17.4 26.0



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

