

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036288.D
 Acq On : 11 Aug 2018 5:15
 Operator : JU/SJ
 Sample : J4413-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Aug 11 06:32:18 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

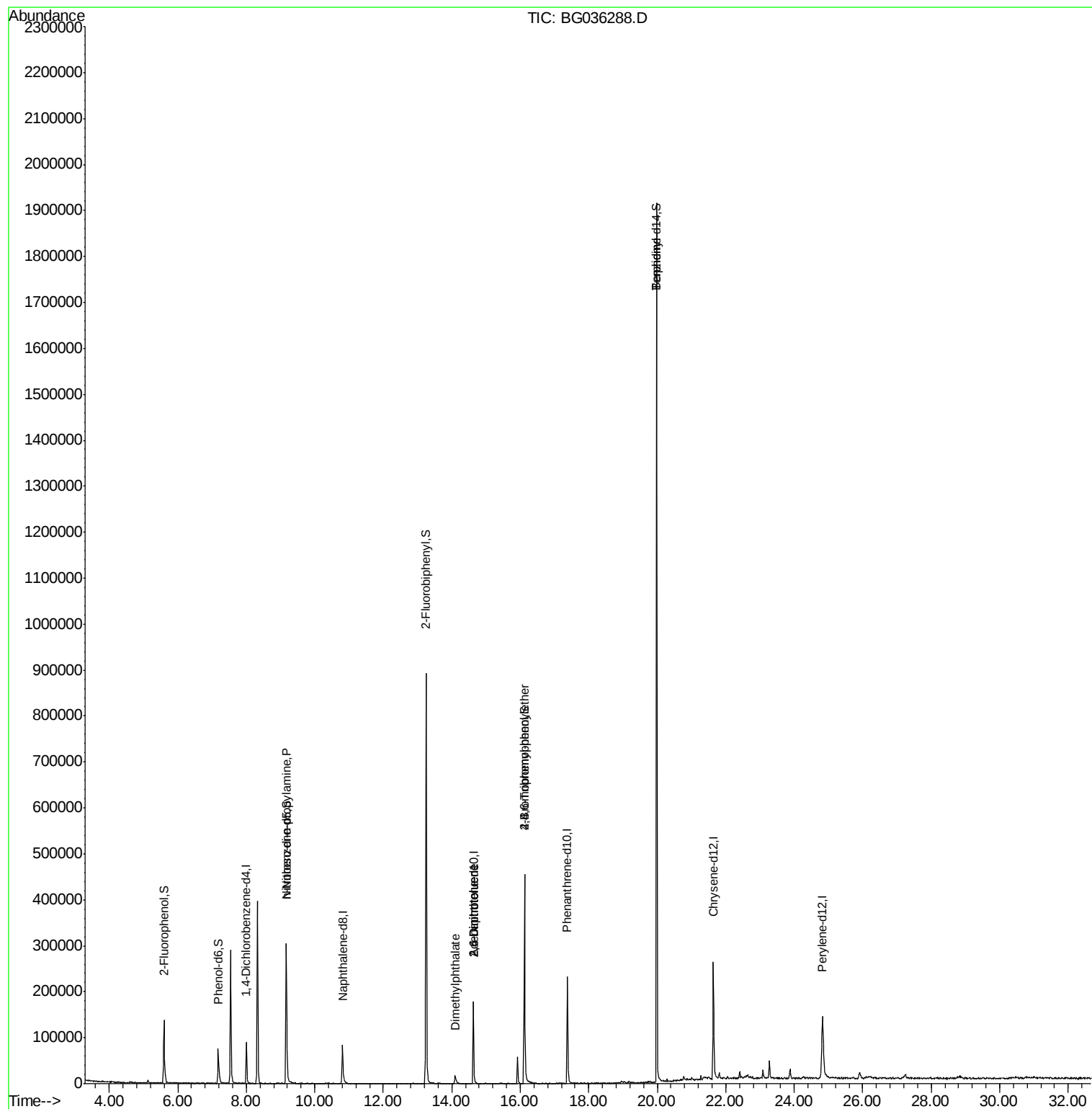
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25299	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	90769	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	65006	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	187049	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	200426	20.00	ng	-0.02
86) Perylene-d12	24.83	264	185237	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	69708	45.75	ng	0.00
7) Phenol-d6	7.18	99	59747	26.28	ng	-0.02
23) Nitrobenzene-d5	9.17	82	230302	105.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	103460	120.75	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	511947	105.51	ng	-0.02
78) Terphenyl-d14	19.98	244	943046	103.72	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	32962	17.217	ng	Qvalue # 65
49) Dimethylphthalate	14.10	163	22871	4.016	ng	100
50) 2,6-Dinitrotoluene	14.63	165	8621	7.433	ng	# 20
56) 2,4-Dinitrotoluene	14.63	165	8621	5.181	ng	# 18
66) 4-Bromophenyl-phenylether	16.12	248	7640	3.521	ng	# 1
76) Benzidine	19.98	184	16553	3.141	ng	# 89

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

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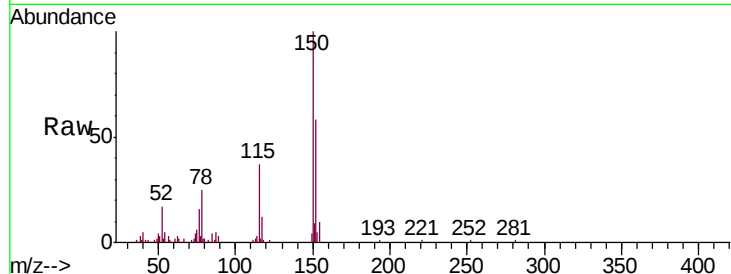


#1

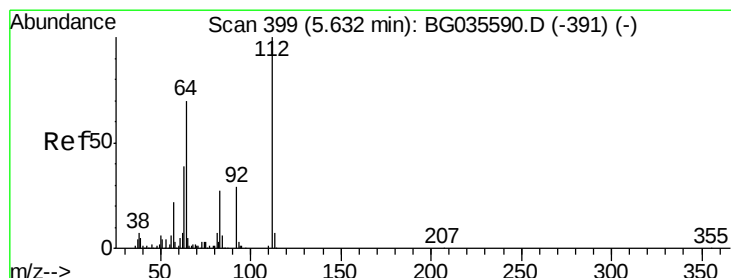
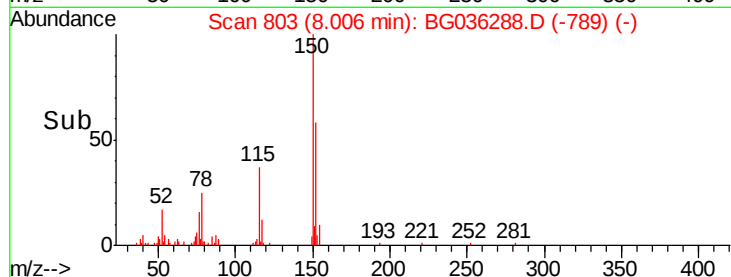
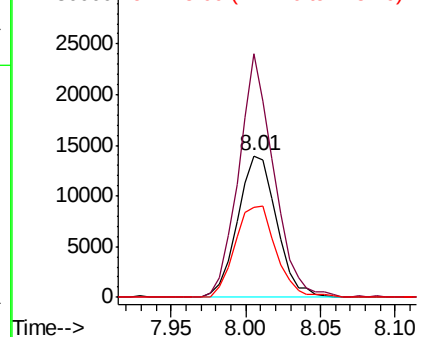
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036288.D
Acq: 11 Aug 2018 5:15

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 25299
Ion Ratio Lower Upper
152 100
150 171.7 126.6 189.8
115 63.2 53.0 79.4



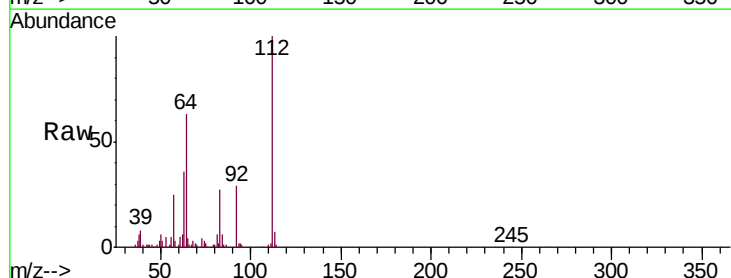
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



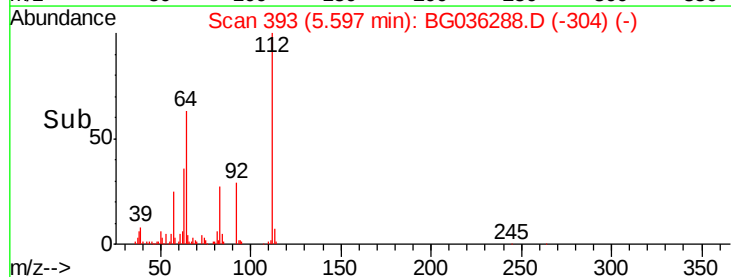
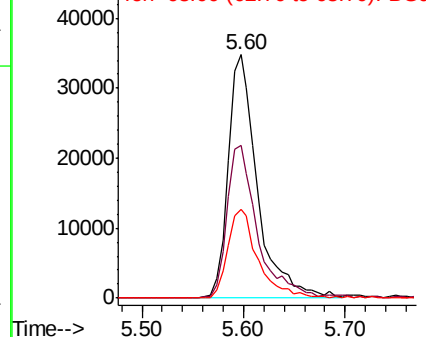
#5

2-Fluorophenol
Concen: 45.746 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036288.D
Acq: 11 Aug 2018 5:15

Tgt Ion:112 Resp: 69708
Ion Ratio Lower Upper
112 100
64 62.6 56.3 84.5
63 36.2 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: 26.279 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036288.D

Acq: 11 Aug 2018 5:15

Instrument :

BNA_G

ClientSampleId :

DFTPP

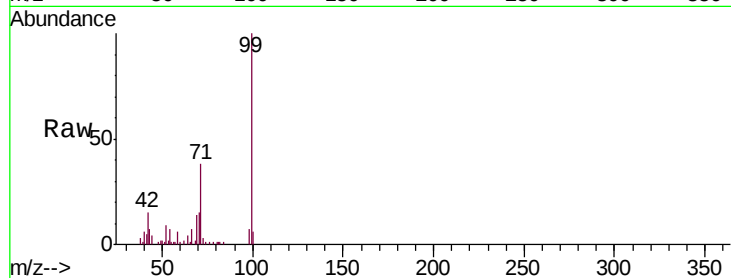
Tgt Ion: 99 Resp: 59747

Ion Ratio Lower Upper

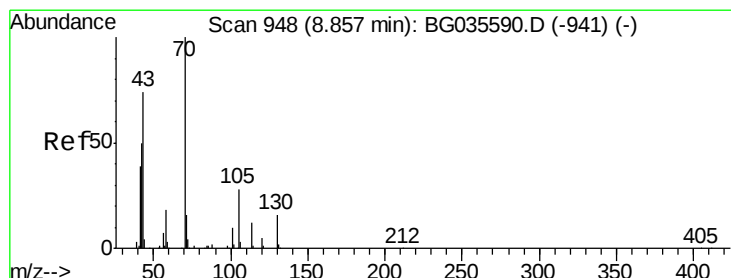
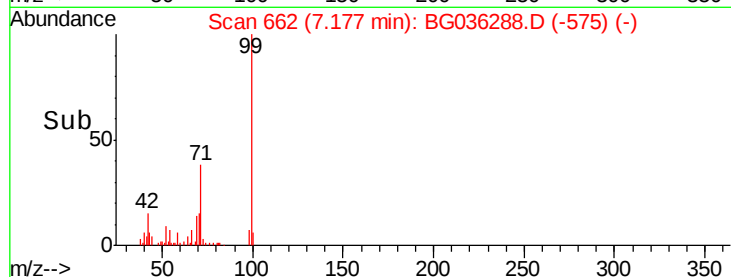
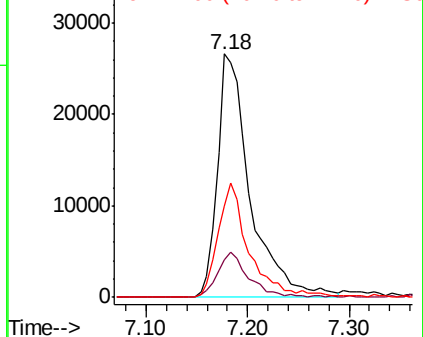
99 100

42 15.5 14.1 21.1

71 37.6 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: 17.217 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036288.D

Acq: 11 Aug 2018 5:15

Tgt Ion: 70 Resp: 32962

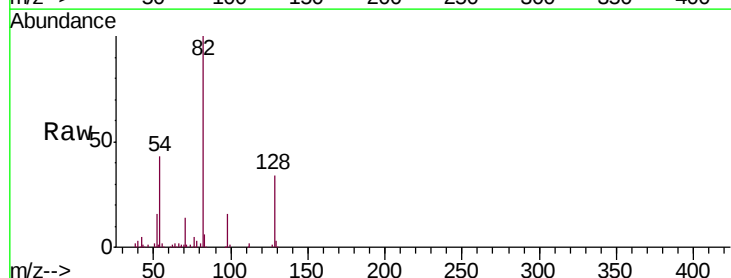
Ion Ratio Lower Upper

70 100

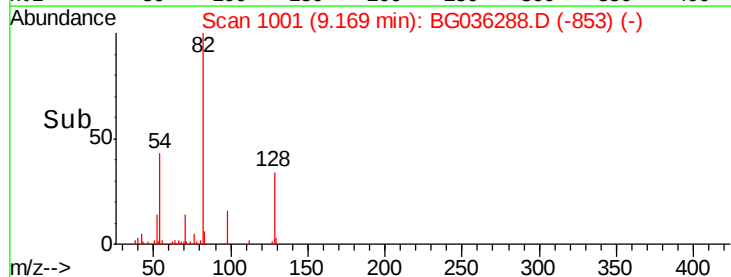
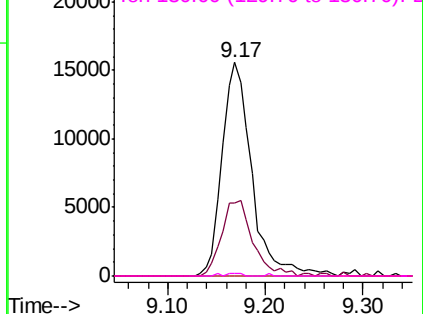
42 34.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 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: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036288.D

Acq: 11 Aug 2018 5:15

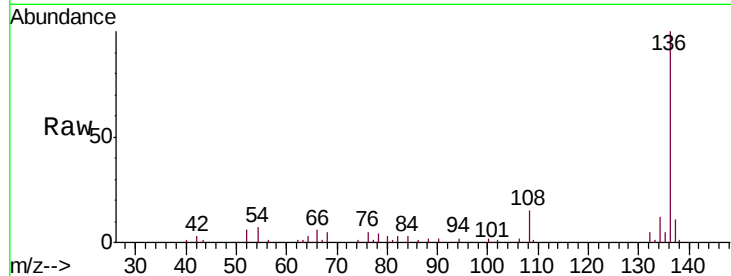
Instrument :

BNA_G

ClientSampleId :

DFTPP

Tgt Ion:	136	Resp:	90769
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.8	10.3	15.5#
68	4.9	4.5	6.7

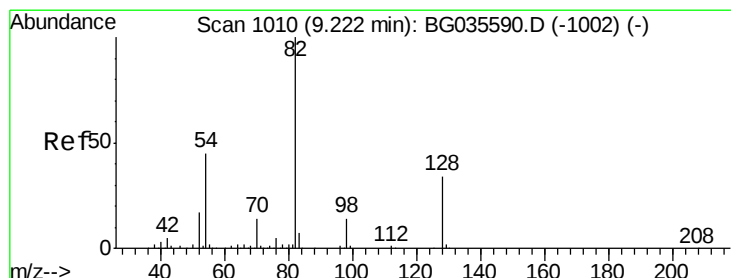
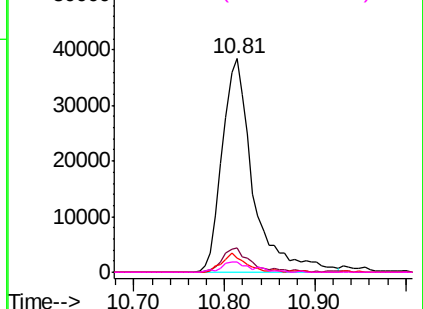
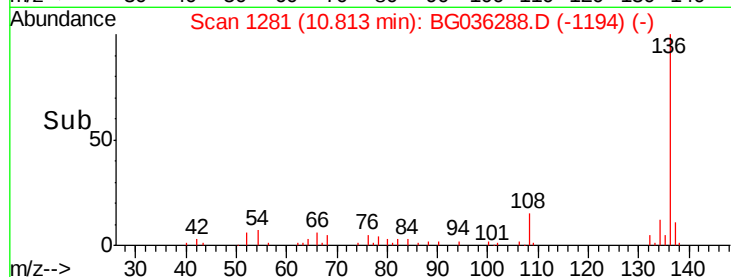


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23

Nitrobenzene-d5

Concen: 105.992 ng

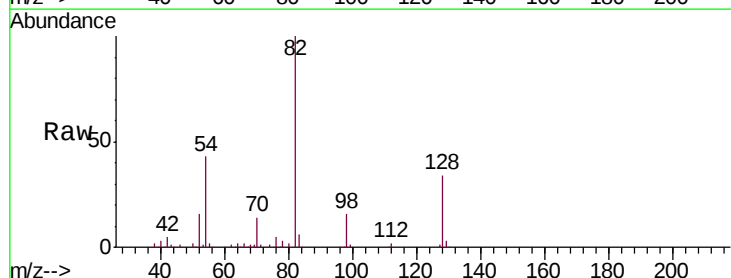
RT: 9.17 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BG036288.D

Acq: 11 Aug 2018 5:15

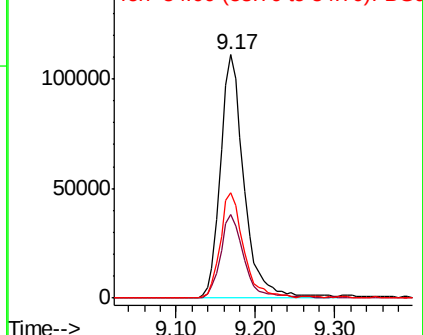
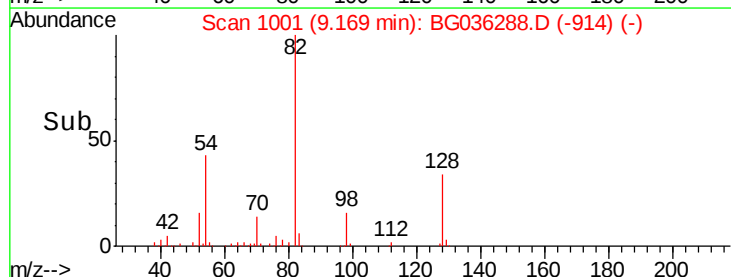
Tgt Ion:	82	Resp:	230302
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	43.1	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036288.D

Acq: 11 Aug 2018 5:15

Instrument :

BNA_G

ClientSampleId :

DFTPP

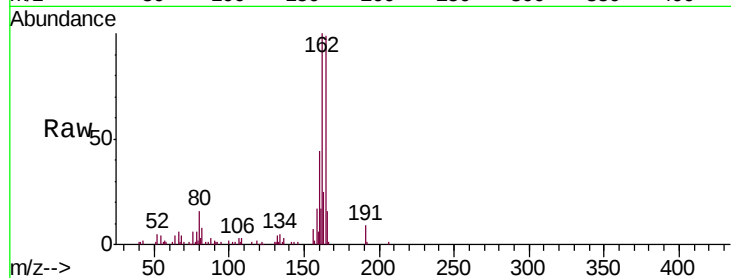
Tgt Ion:164 Resp: 65006

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

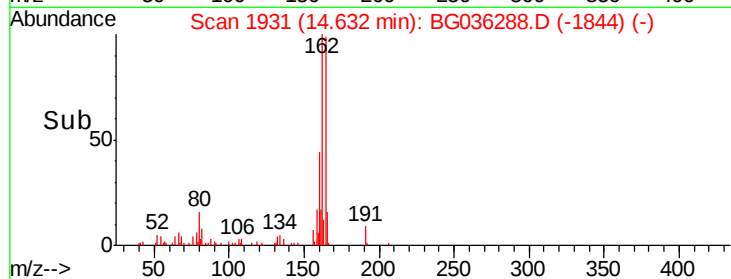
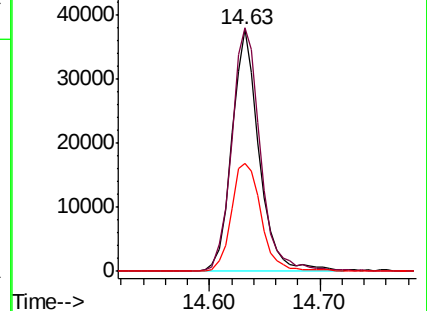
160 44.7 35.4 53.0



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: 120.749 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036288.D

Acq: 11 Aug 2018 5:15

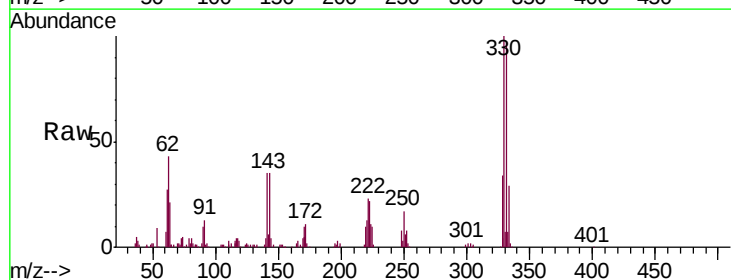
Tgt Ion:330 Resp: 103460

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

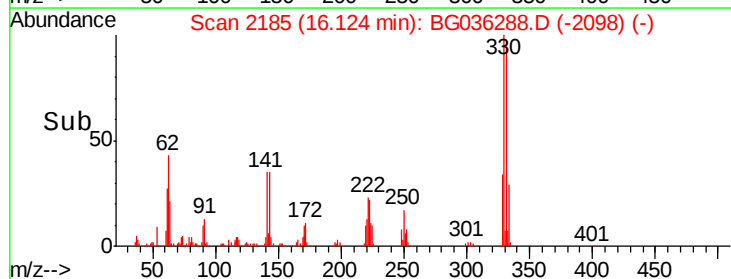
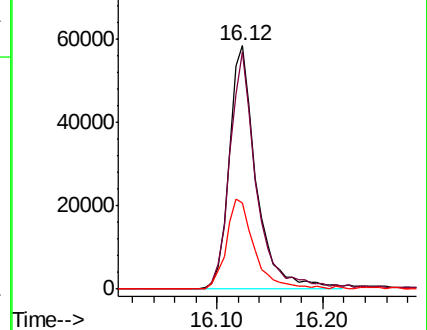
141 38.3 25.2 37.8#

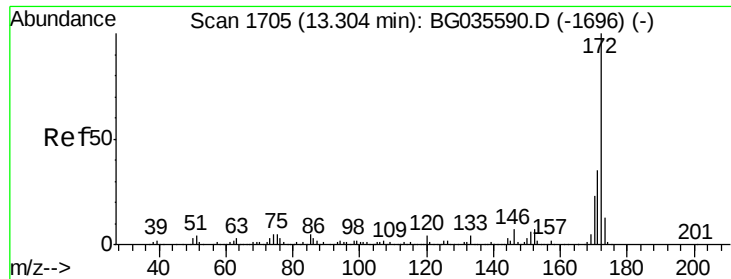


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

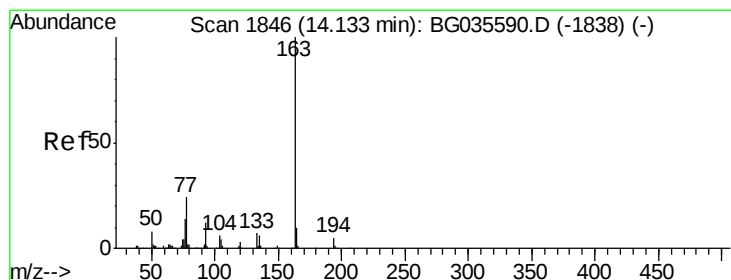
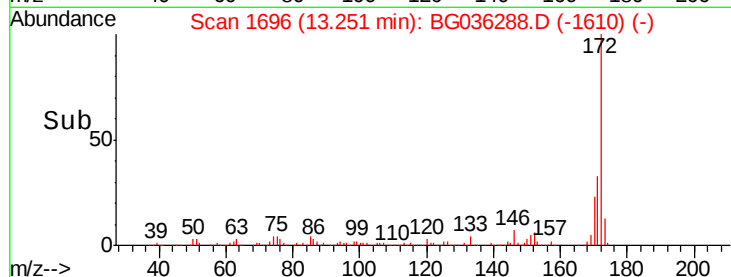
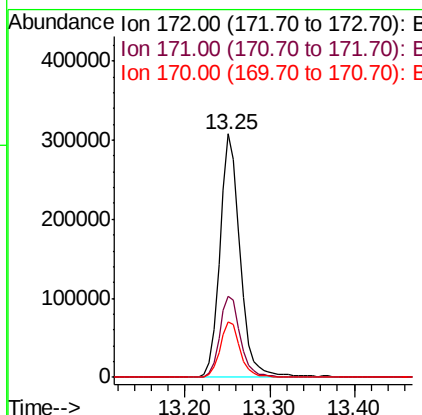
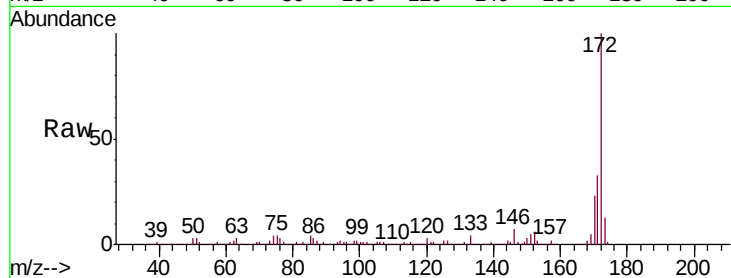




#44
2-Fluorobiphenyl
Concen: 105.510 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036288.D
Acq: 11 Aug 2018 5:15

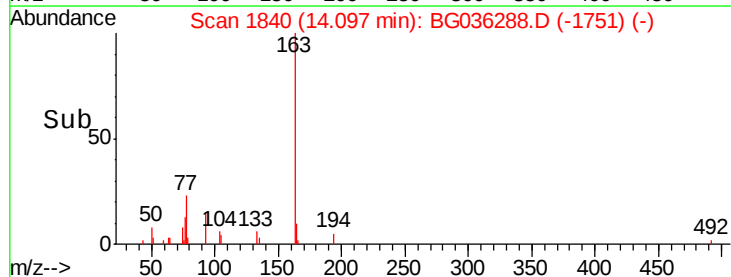
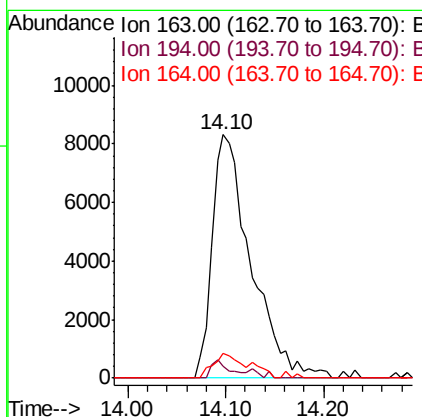
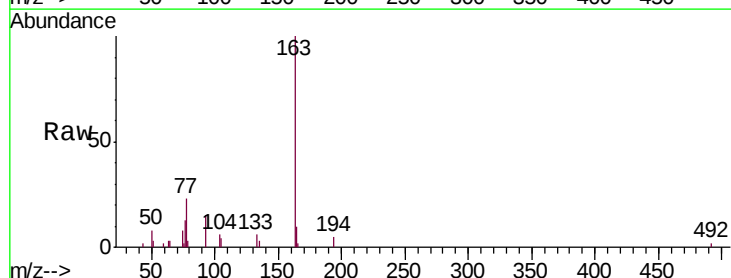
Instrument :
BNA_G
ClientSampleId :
DFTPP

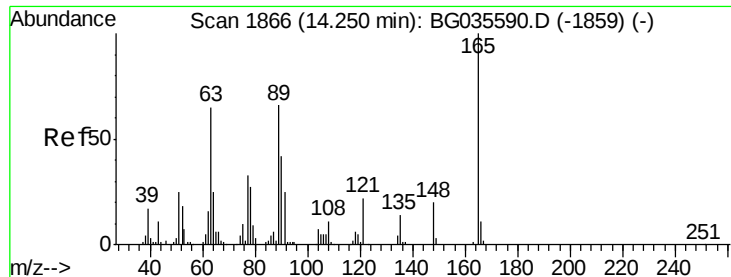
Tgt Ion:172 Resp: 511947
Ion Ratio Lower Upper
172 100
171 33.3 30.0 45.0
170 22.8 19.5 29.3



#49
Dimethylphthalate
Concen: 4.016 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG036288.D
Acq: 11 Aug 2018 5:15

Tgt Ion:163 Resp: 22871
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.3 8.2 12.4

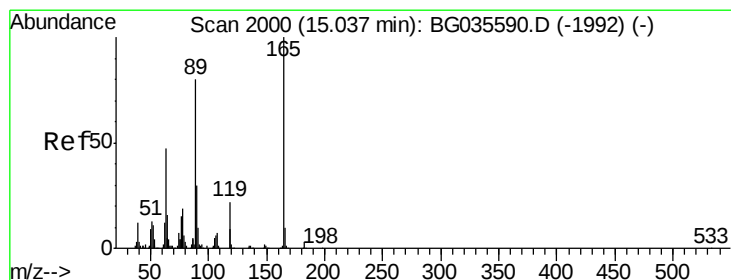
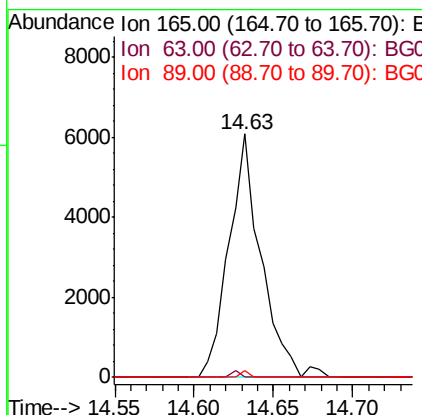
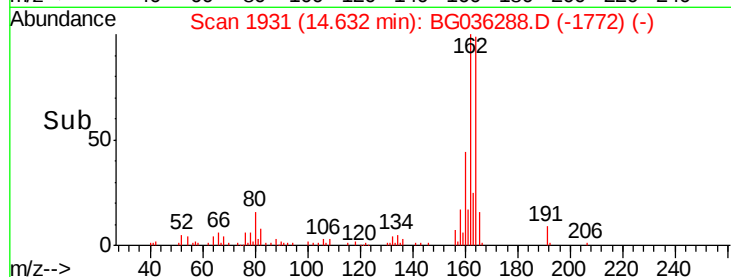
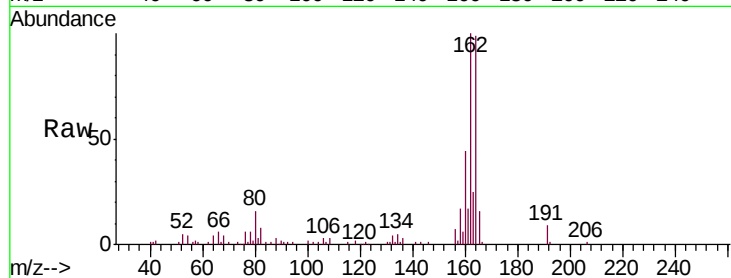




#50
 2,6-Dinitrotoluene
 Concen: 7.433 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.40 min
 Lab File: BG036288.D
 Acq: 11 Aug 2018 5:15

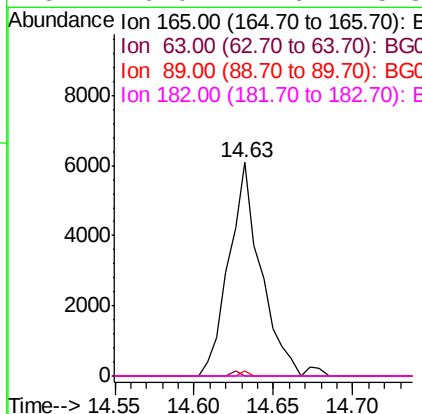
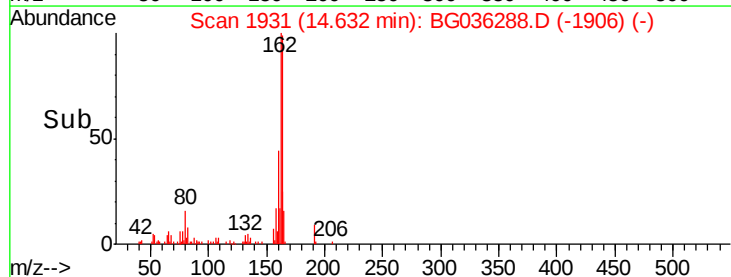
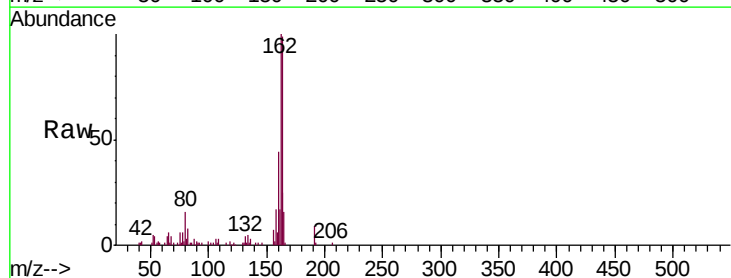
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:165 Resp: 8621
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.6 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.181 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036288.D
 Acq: 11 Aug 2018 5:15

Tgt Ion:165 Resp: 8621
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.6 66.9 100.3#
 182 0.0 2.6 3.8#

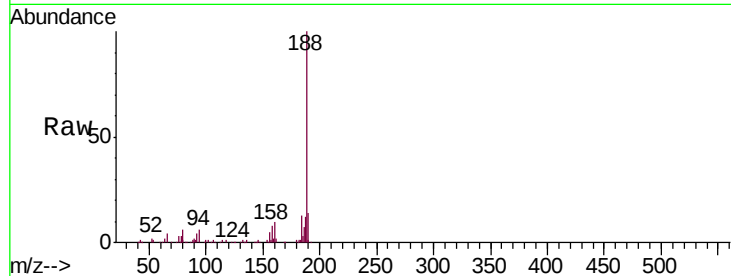




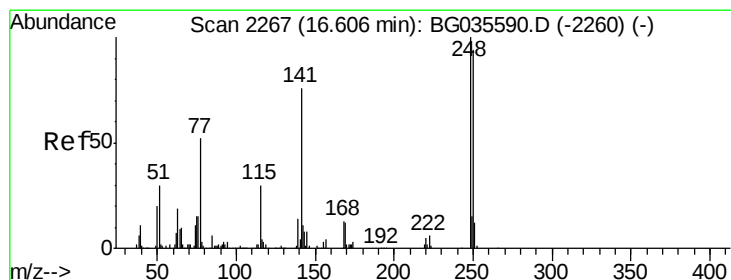
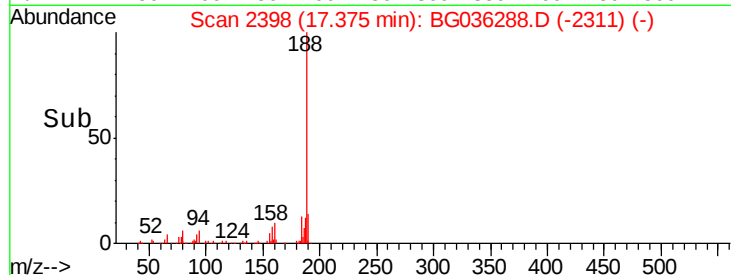
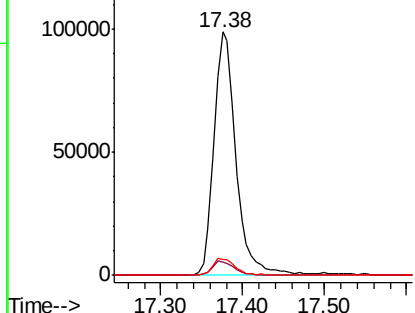
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036288.D
Acq: 11 Aug 2018 5:15

Instrument :
BNA_G
ClientSampled :
DFTPP

Tgt Ion:188 Resp: 187049
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 6.4 7.7 11.5#

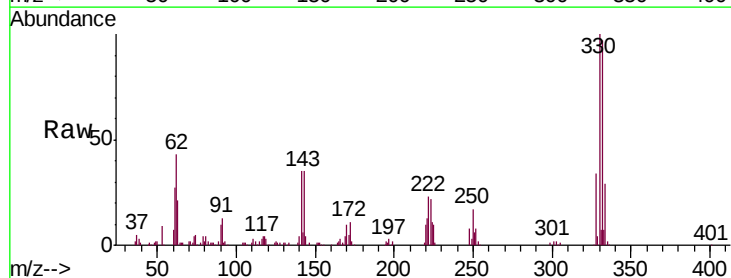


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

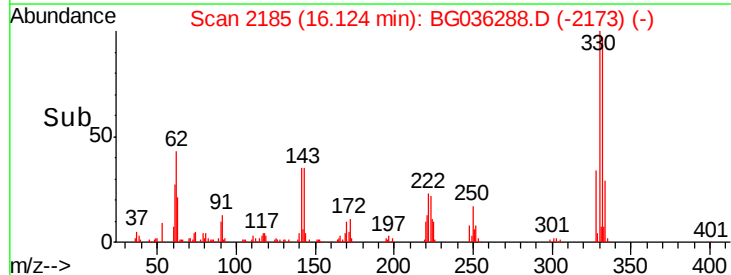
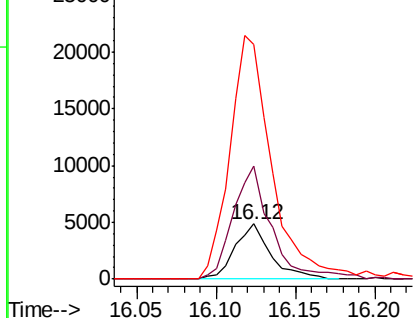


#66
4-Bromophenyl-phenylether
Concen: 3.521 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036288.D
Acq: 11 Aug 2018 5:15

Tgt Ion:248 Resp: 7640
Ion Ratio Lower Upper
248 100
250 204.1 77.1 115.7#
141 425.4 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

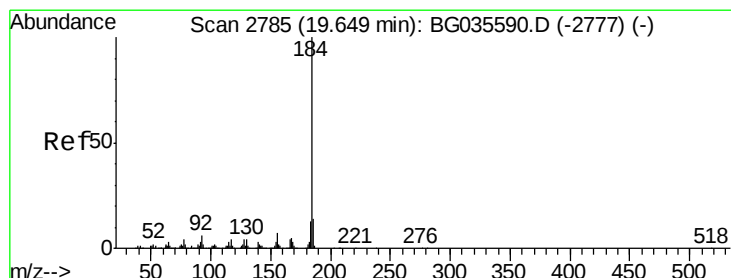
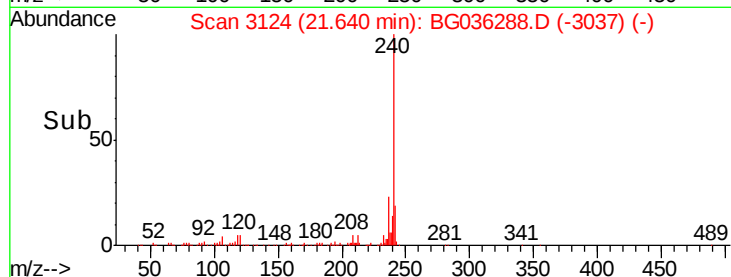
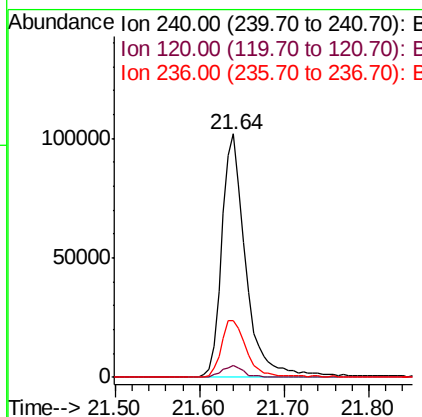
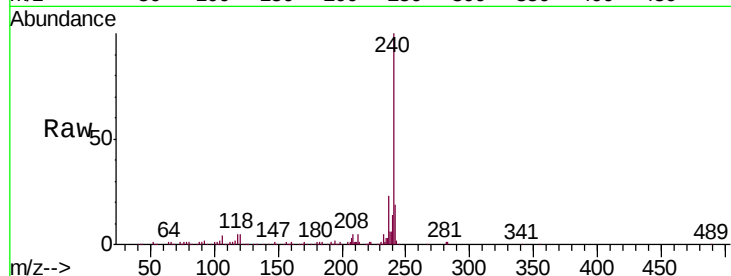




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036288.D
 Acq: 11 Aug 2018 5:15

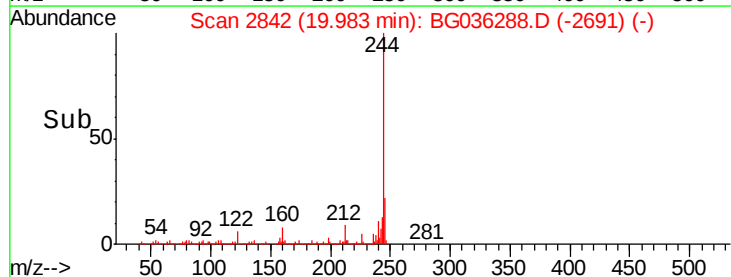
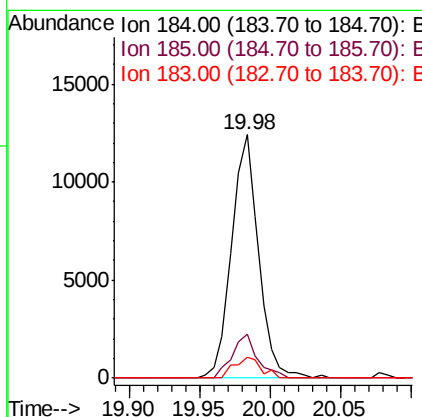
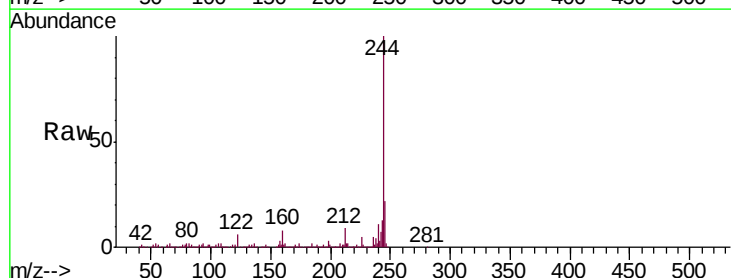
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

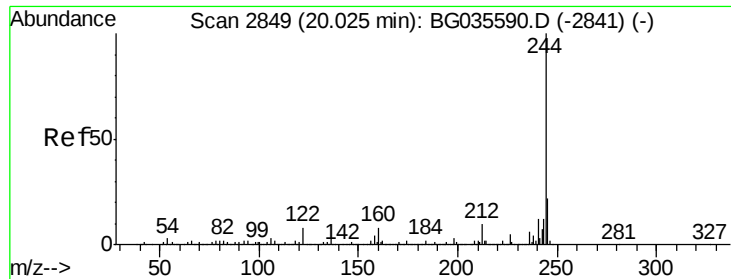
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	23.3	20.9	31.3



#76
 Benzidine
 Concen: 3.141 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. 0.36 min
 Lab File: BG036288.D
 Acq: 11 Aug 2018 5:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.1	16.7#
183	8.6	10.6	16.0#





#78

Terphenyl-d14

Concen: 103.717 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036288.D

Acq: 11 Aug 2018 5:15

Instrument :

BNA_G

ClientSampleId :

DFTPP

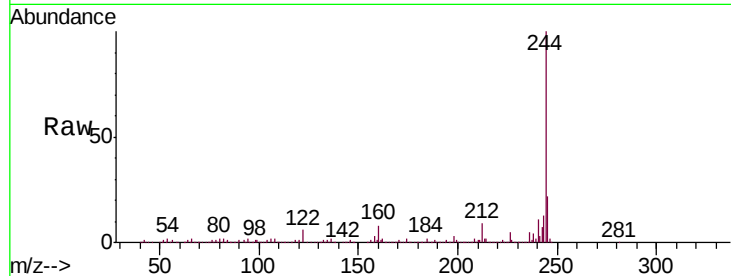
Tgt Ion:244 Resp: 943046

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

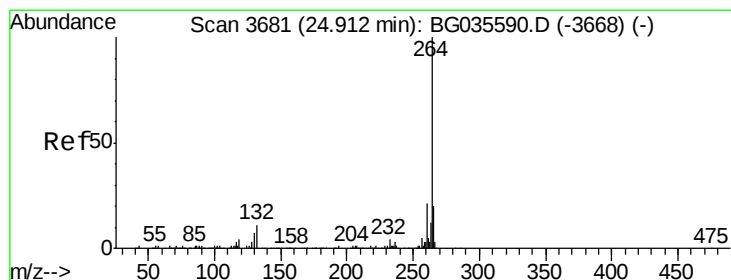
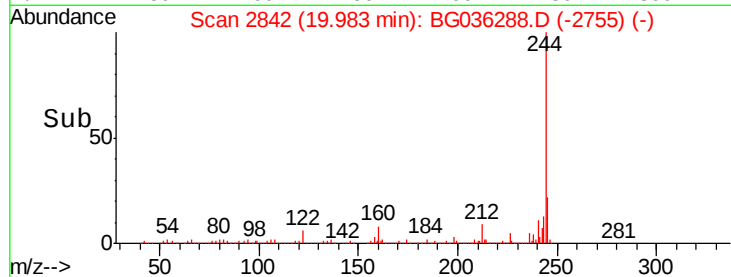
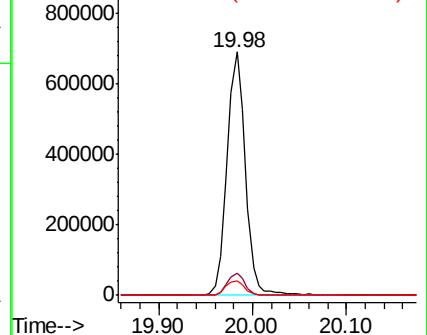
122 6.2 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036288.D

Acq: 11 Aug 2018 5:15

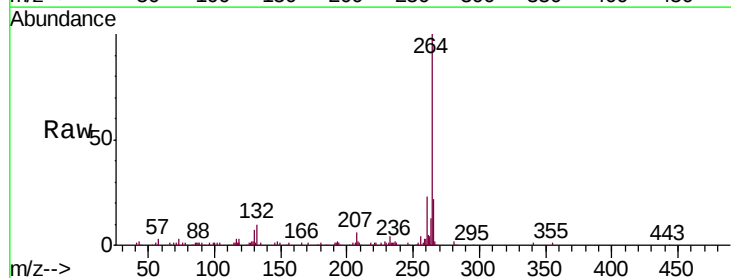
Tgt Ion:264 Resp: 185237

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 22.5 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

