

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038587.D
 Acq On : 15 Dec 2018 3:40
 Operator : JU/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Dec 15 04:33:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.06
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.88
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.70
64) Phenanthrene-d10	17.84	188	252	20.00	ng	0.40
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.73
87) Perylene-d12	0.00	264	0	0.00	ng	-25.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.36	172	300	0.00	ng	0.04
79) Terphenyl-d14	20.04	244	2432	0.00	ng	0.00

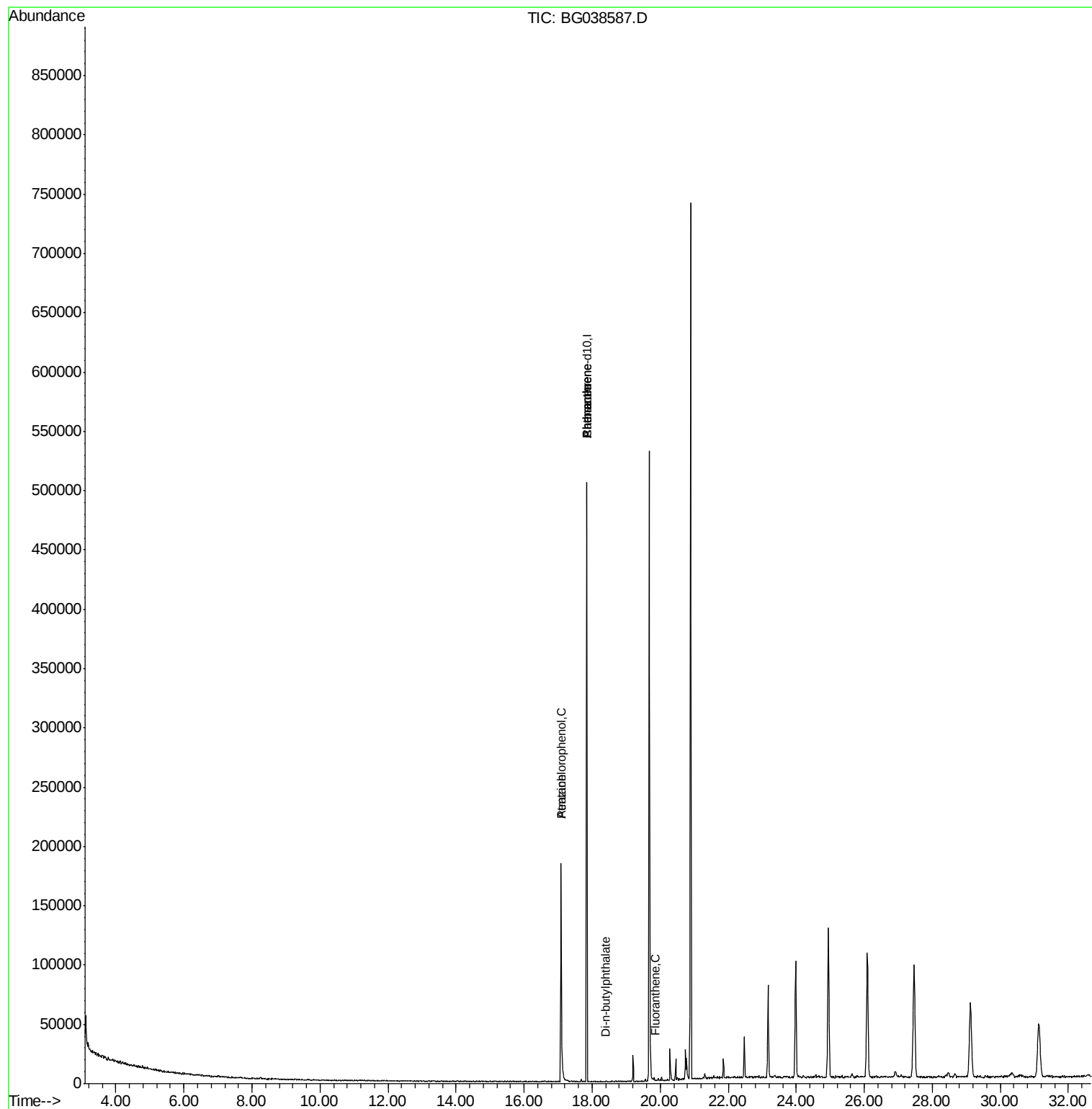
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	17.09	200	7576	2757.085	ng	# 33
70) Pentachlorophenol	17.09	266	44035	23335.551	ng	# 99
71) Phenanthrene	17.84	178	211	16.147	ng	# 1
72) Anthracene	17.84	178	211	16.356	ng	# 1
73) Carbazole	17.84	167	3529	276.599	ng	# 87
74) Di-n-butylphthalate	18.39	149	260	17.760	ng	# 77
75) Fluoranthene	19.85	202	71	4.391	ng	# 64

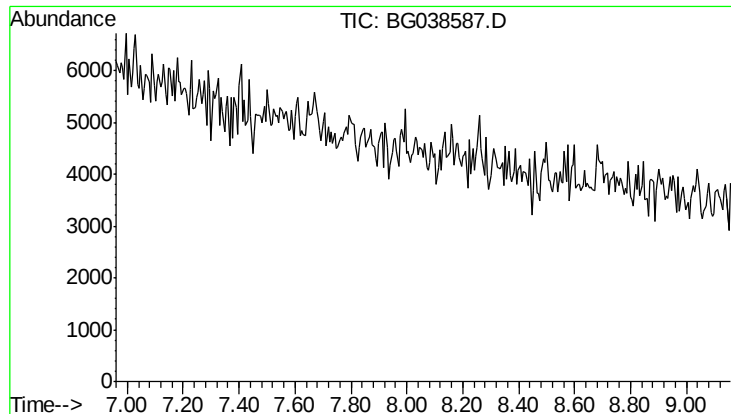
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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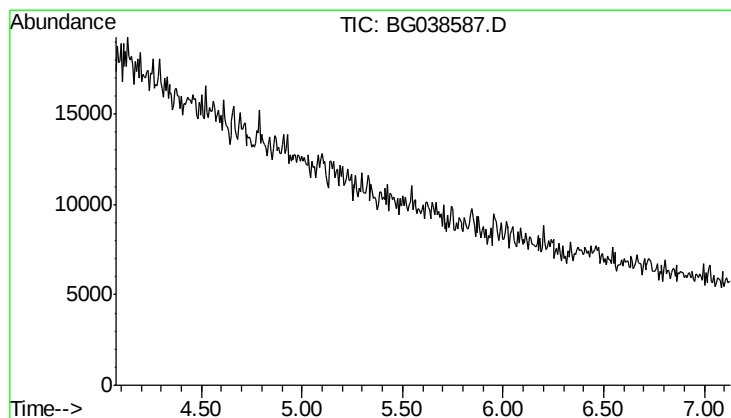
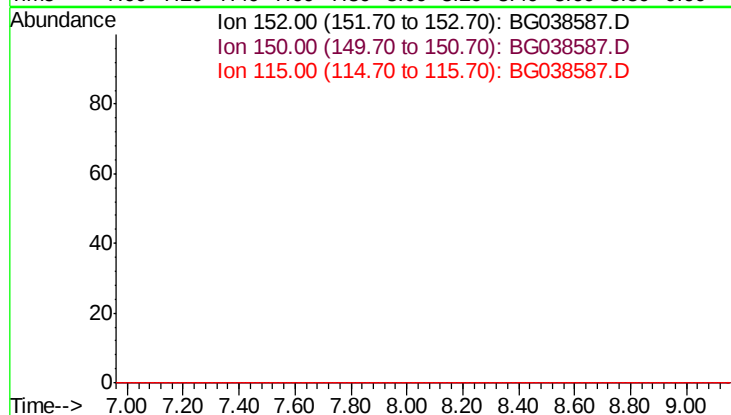




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.06 min
 Lab File: BG038587.D
 Acq: 15 Dec 2018 3:40

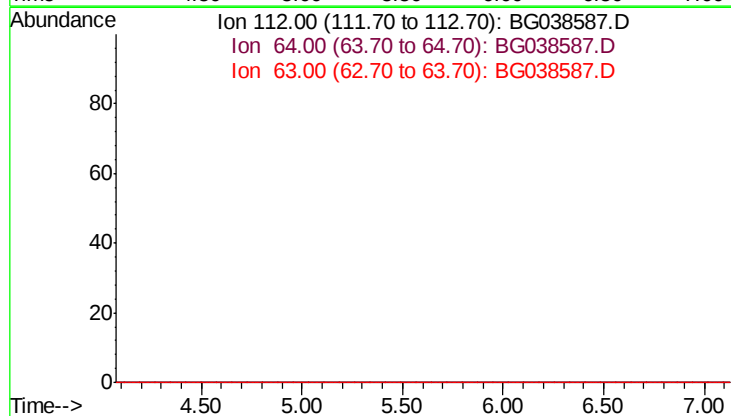
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

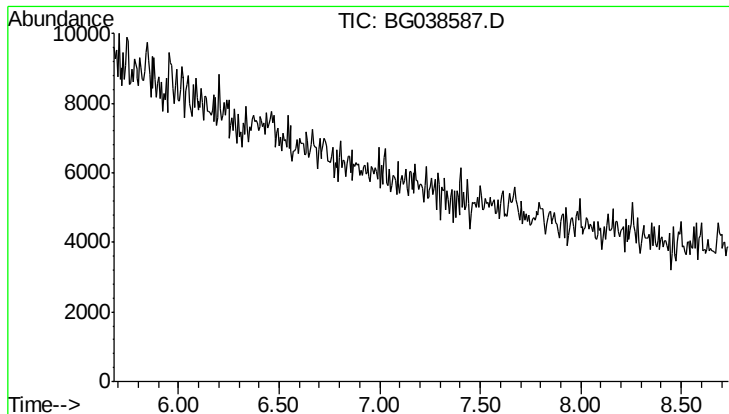
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 149.4
 115 62.0



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.60 min
 Lab File: BG038587.D
 Acq: 15 Dec 2018 3:40

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 66.8
 63 36.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.21 min

Lab File: BG038587.D

Acq: 15 Dec 2018 3:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

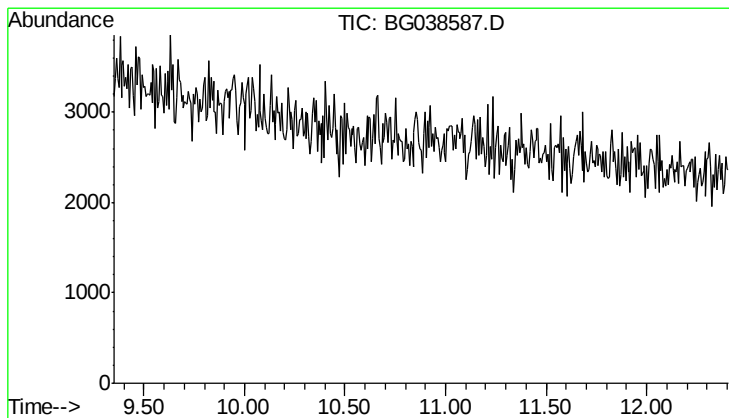
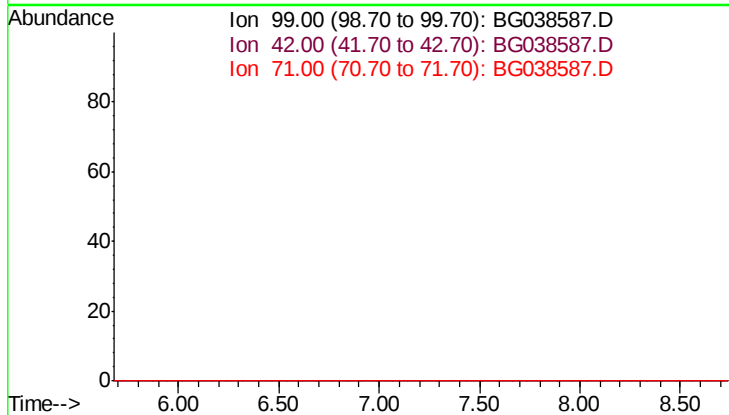
Tot Ion: 99

Sig Exp Ratio

99 100

42 23.1

71 38.9



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 10.88 min

Lab File: BG038587.D

Acq: 15 Dec 2018 3:40

Tgt Ion: 136

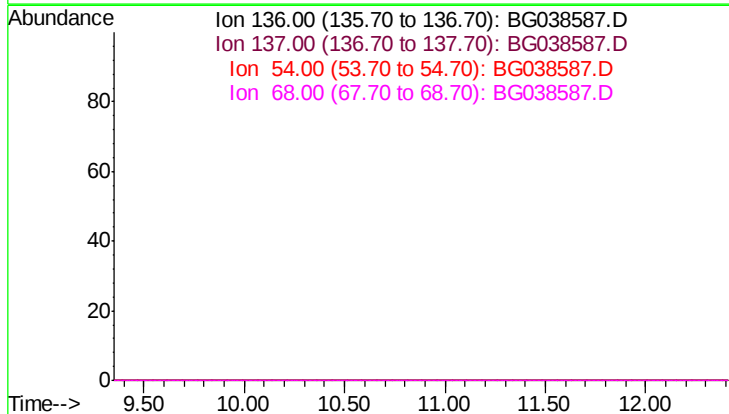
Sig Exp Ratio

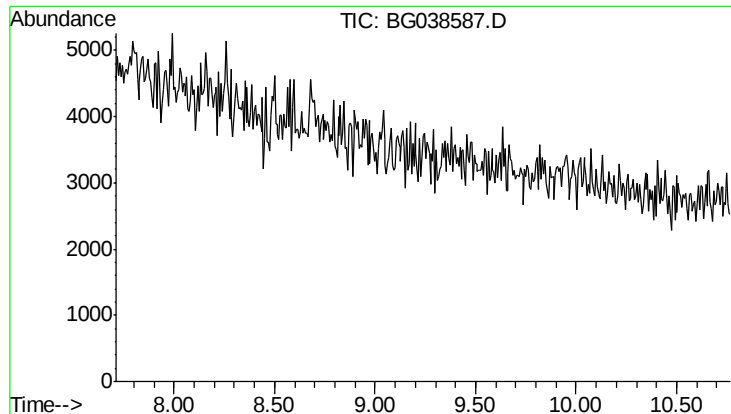
136 100

137 11.6

54 10.6

68 4.4

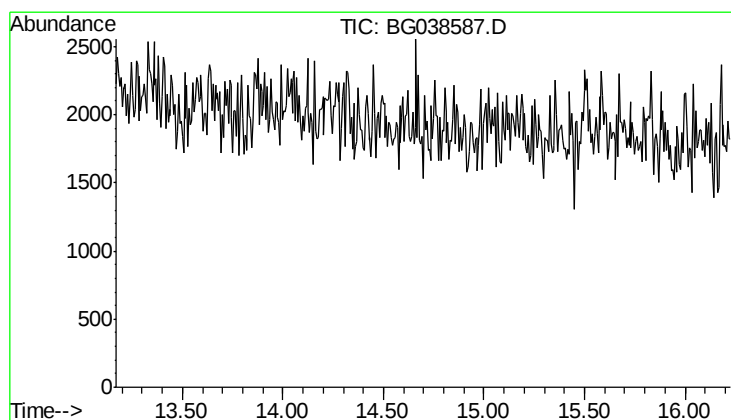
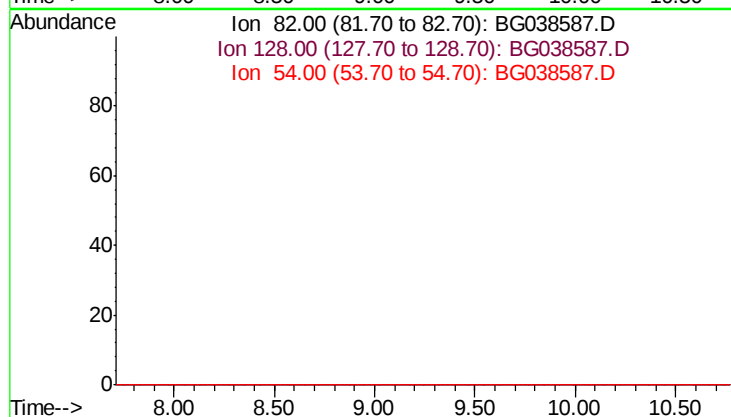




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.24 min
 Lab File: BG038587.D
 Acq: 15 Dec 2018 3:40

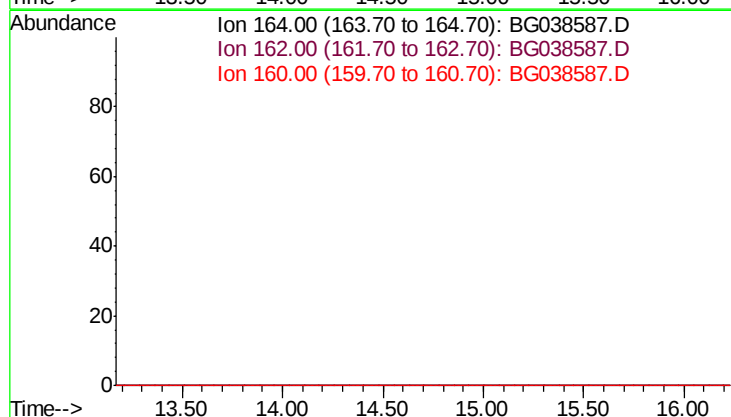
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

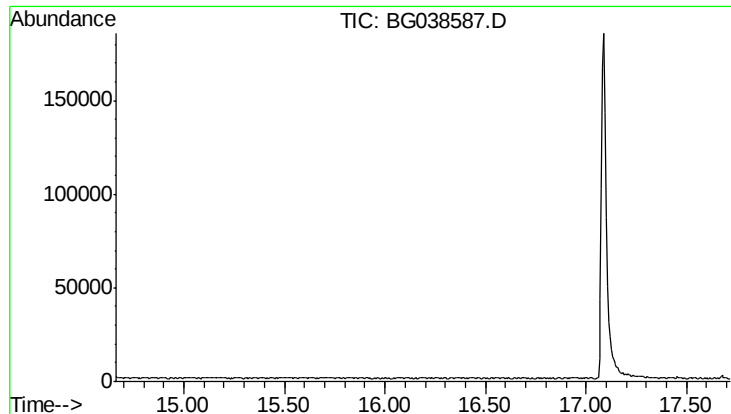
Tot Ion	82
Sig	Exp Ratio
82	100
128	43.3
54	63.3



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.70 min
 Lab File: BG038587.D
 Acq: 15 Dec 2018 3:40

Tgt Ion	164
Sig	Exp Ratio
164	100
162	108.3
160	42.7





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.19 min

Lab File: BG038587.D

Acq: 15 Dec 2018 3:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

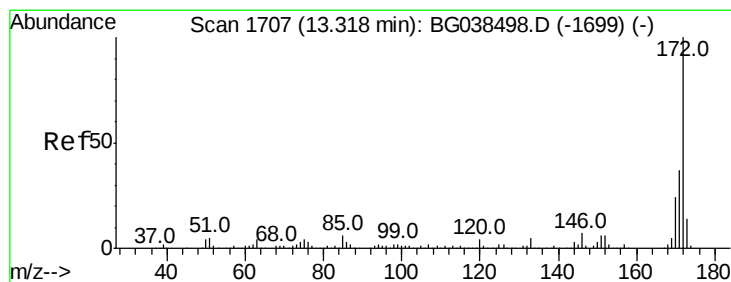
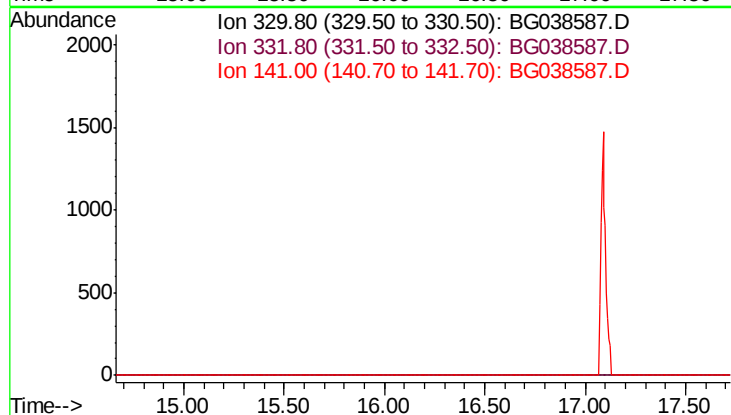
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.1

141 36.0



#45

2-Fluorobiphenyl

Concen: 0.000 ng

RT: 13.36 min Scan# 1748

Delta R.T. 0.04 min

Lab File: BG038587.D

Acq: 15 Dec 2018 3:40

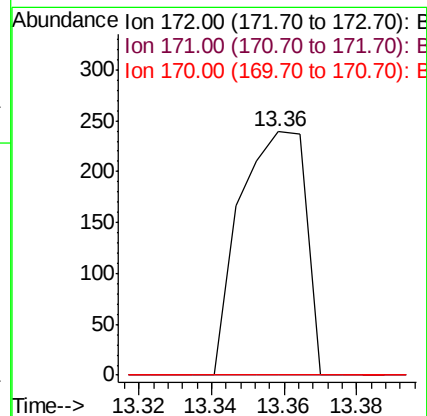
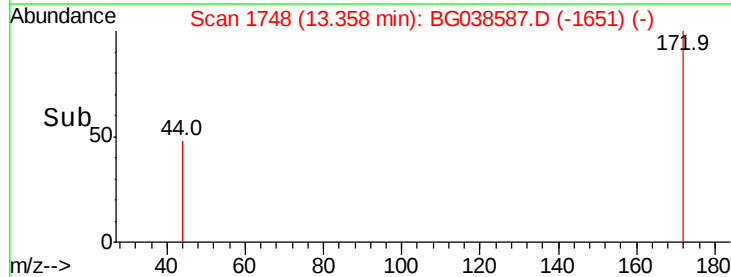
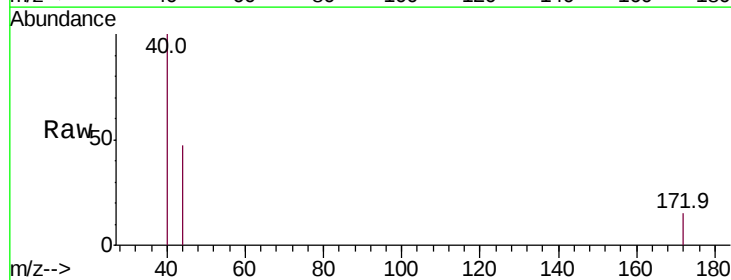
Tgt Ion: 172 Resp: 300

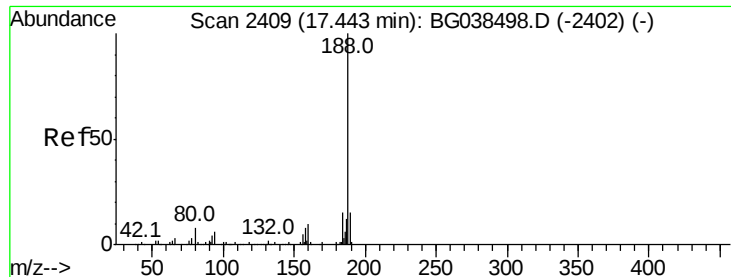
Ion Ratio Lower Upper

172 100

171 0.0 29.8 44.6#

170 0.0 19.5 29.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.84 min Scan# 2511

Delta R.T. 0.40 min

Lab File: BG038587.D

Acq: 15 Dec 2018 3:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

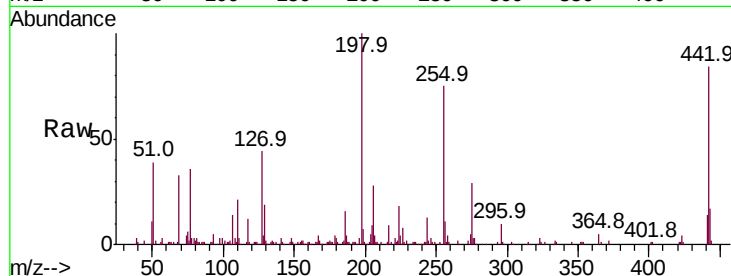
Tot Ion:188 Resp: 252

Ion Ratio Lower Upper

188 100

94 0.0 5.1 7.7#

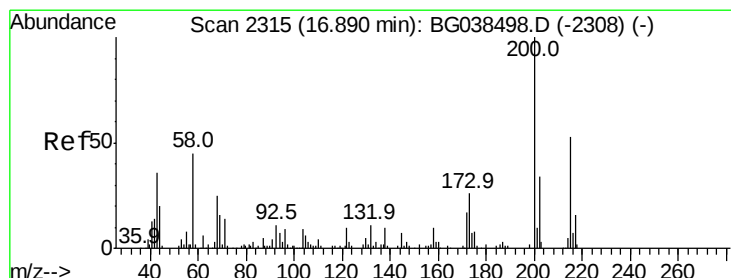
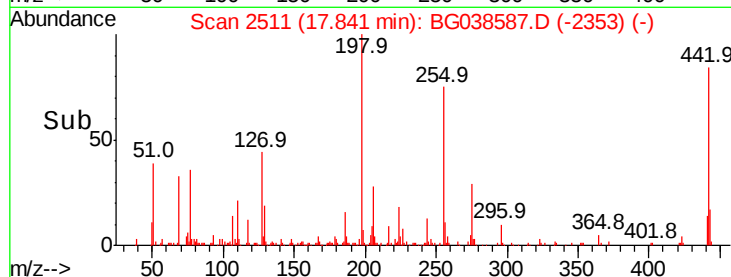
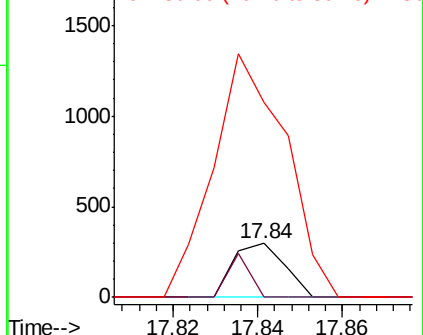
80 362.0 6.1 9.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#69

Atrazine

Concen: 2757.085 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.20 min

Lab File: BG038587.D

Acq: 15 Dec 2018 3:40

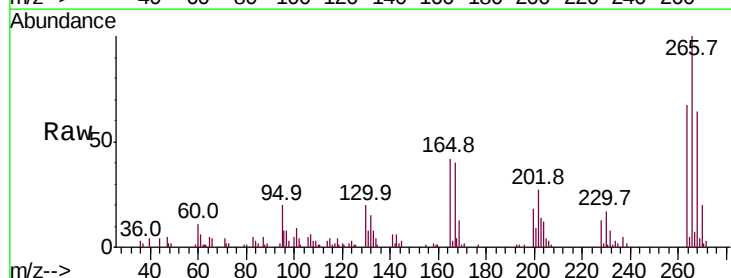
Tgt Ion:200 Resp: 7576

Ion Ratio Lower Upper

200 100

173 0.0 5.9 45.9#

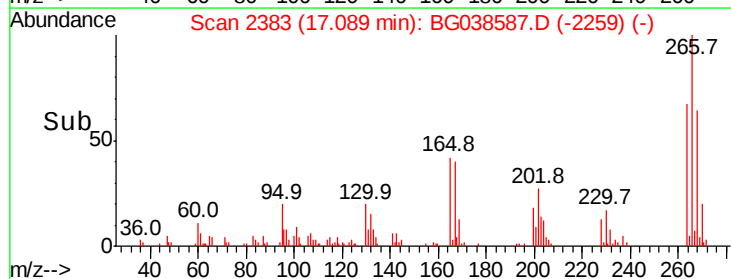
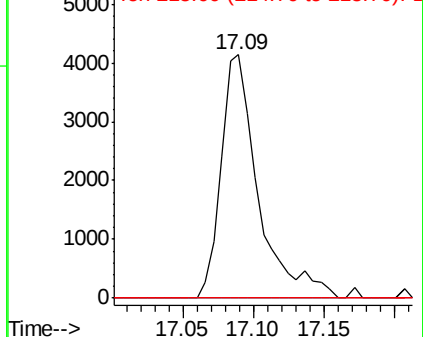
215 0.0 33.1 73.1#

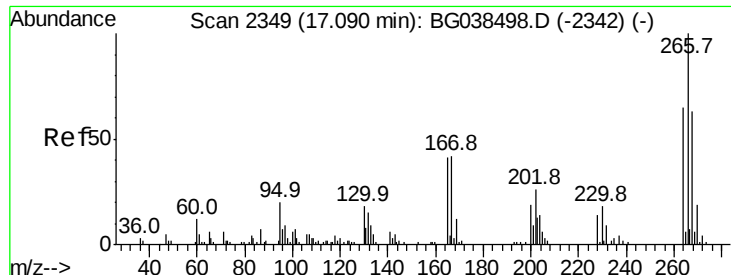


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

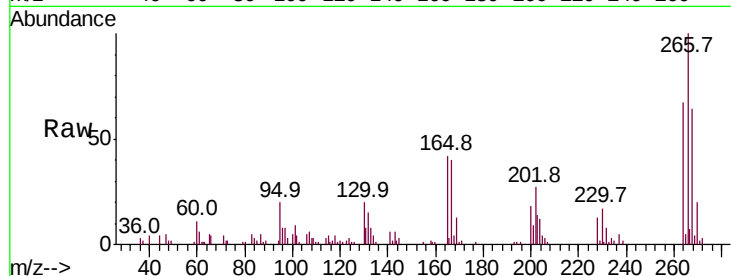




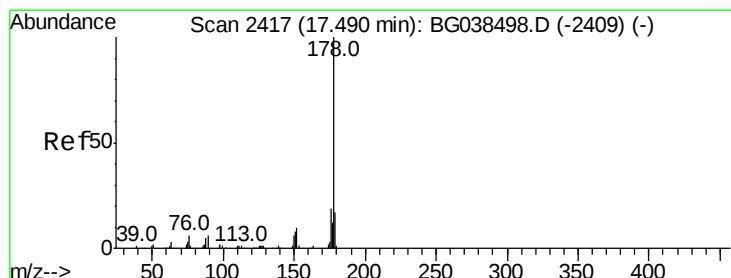
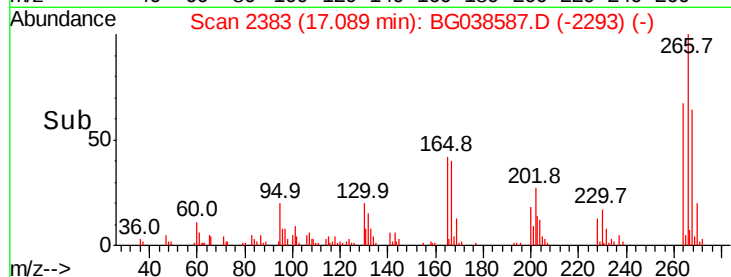
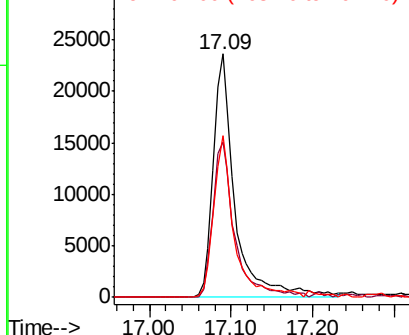
#70
 Pentachlorophenol
 Concen: 23335.551 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038587.D
 Acq: 15 Dec 2018 3:40

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.2	55.0	82.6
264	71.9	56.7	85.1

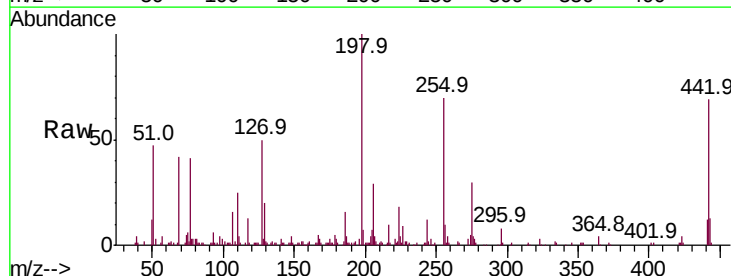


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

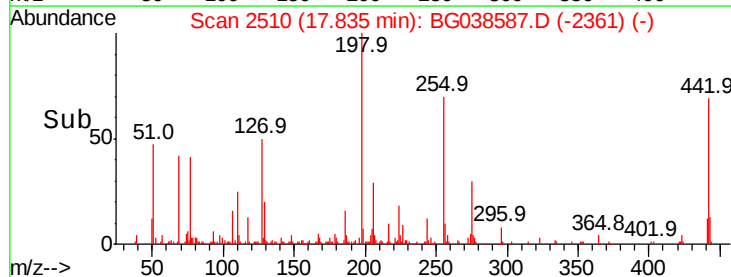
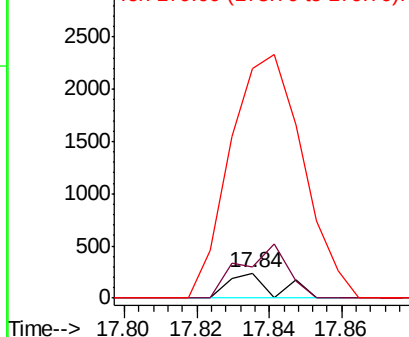


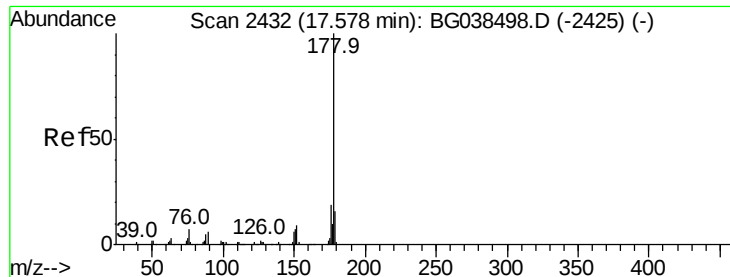
#71
 Phenanthrene
 Concen: 16.147 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.35 min
 Lab File: BG038587.D
 Acq: 15 Dec 2018 3:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	125.7	15.1	22.7#
179	913.7	13.2	19.8#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 16.356 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.26 min

Lab File: BG038587.D

Acq: 15 Dec 2018 3:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

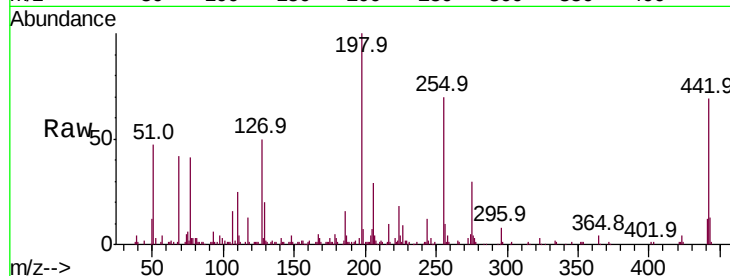
Tot Ion:178 Resp: 211

Ion Ratio Lower Upper

178 100

176 125.7 15.1 22.7#

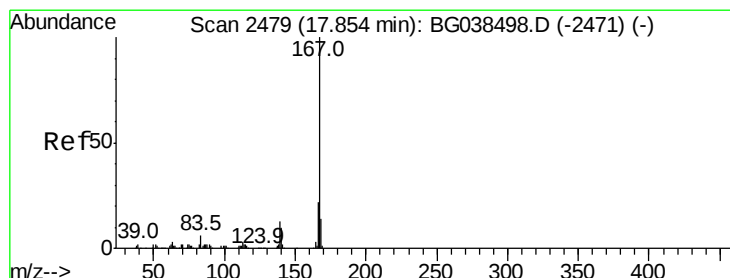
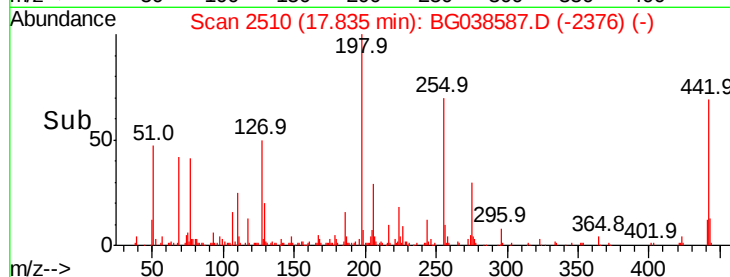
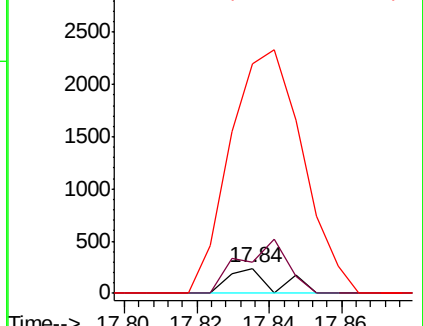
179 913.7 12.9 19.3#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 276.599 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.02 min

Lab File: BG038587.D

Acq: 15 Dec 2018 3:40

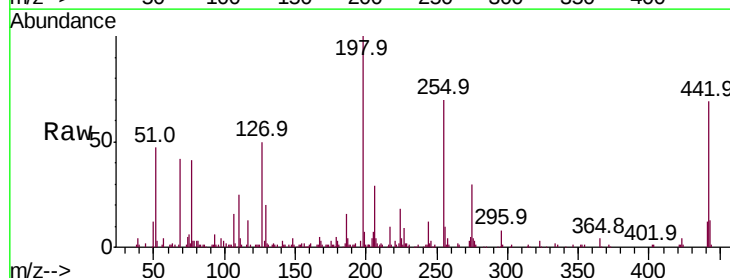
Tgt Ion:167 Resp: 3529

Ion Ratio Lower Upper

167 100

166 23.8 17.9 26.9

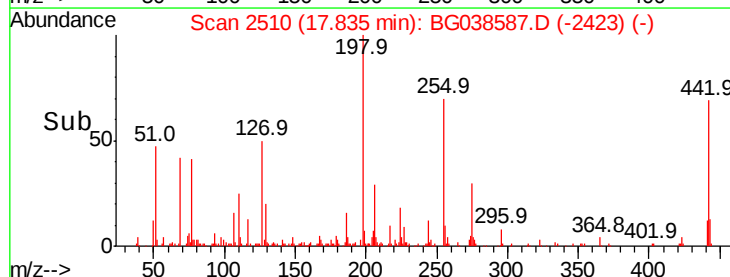
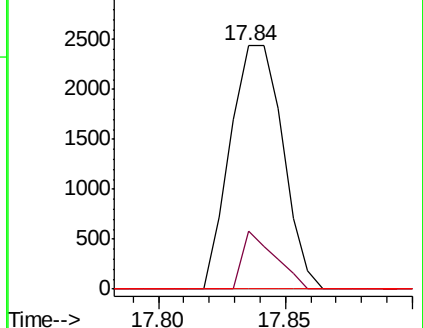
139 0.0 10.2 15.2#

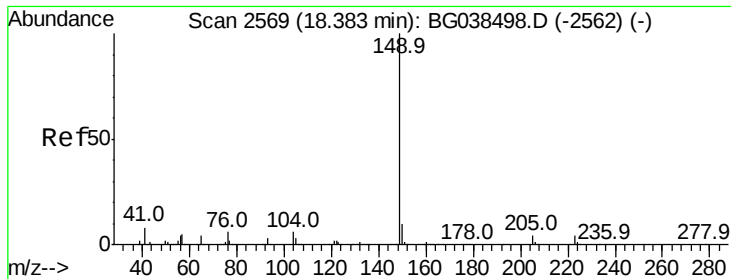


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 17.760 ng

RT: 18.39 min Scan# 2604

Delta R.T. 0.00 min

Lab File: BG038587.D

Acq: 15 Dec 2018 3:40

Instrument :

BNA_G

ClientSampleId :

DFTPP

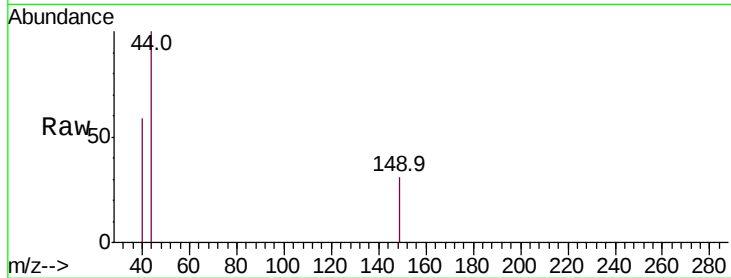
Tot Ion:149 Resp: 260

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

104 0.0 5.0 7.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

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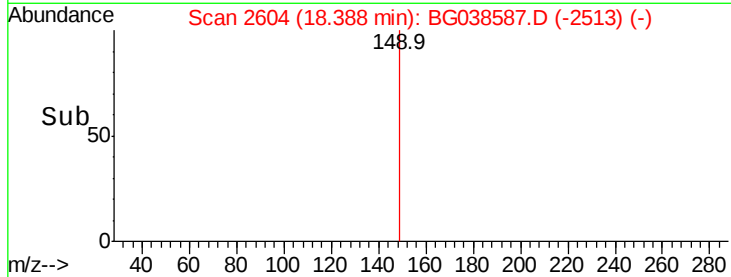
18.39

18.39

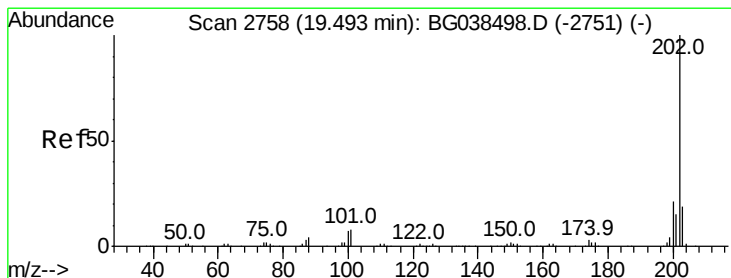
18.39

18.39

18.39



Time--> 18.36 18.38 18.40 18.42



#75

Fluoranthene

Concen: 4.391 ng

RT: 19.85 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG038587.D

Acq: 15 Dec 2018 3:40

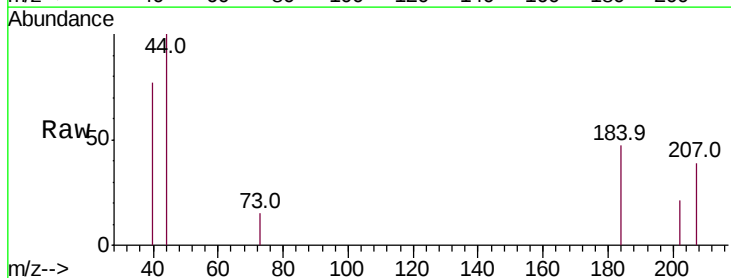
Tgt Ion:202 Resp: 71

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.1

203 0.0 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.85

19.85

19.85

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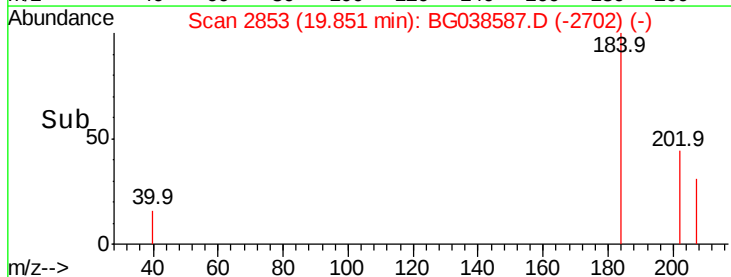
19.85

19.85

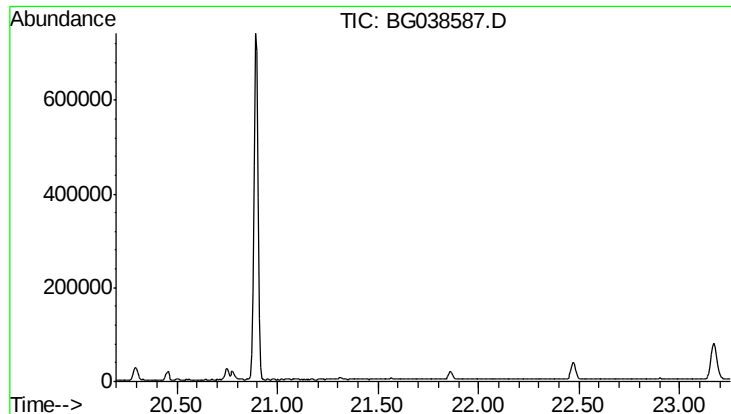
19.85

19.85

19.85



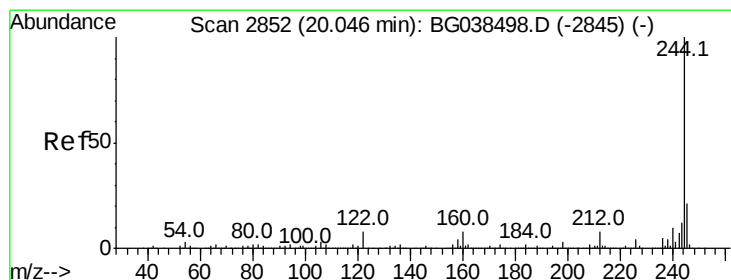
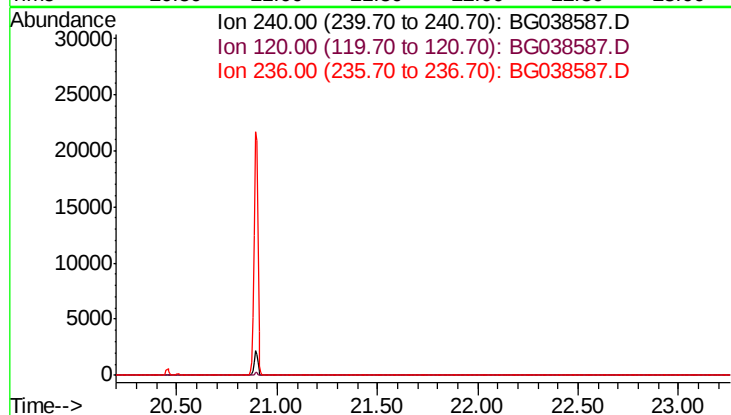
Time--> 19.84 19.85 19.86



#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 21.73 min
 Lab File: BG038587.D
 Acq: 15 Dec 2018 3:40

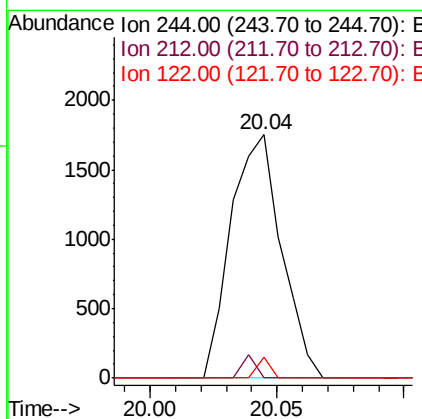
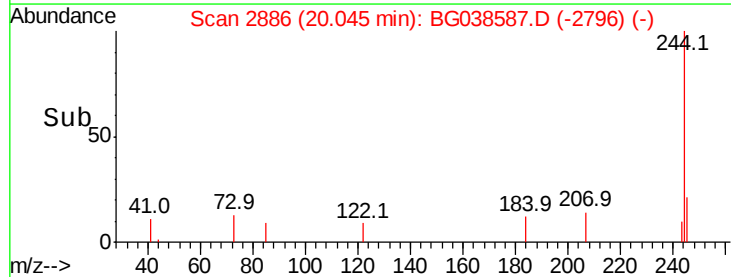
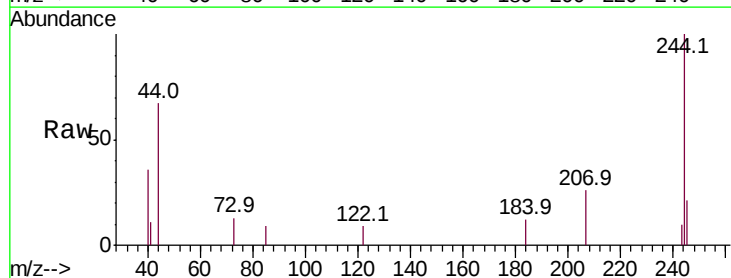
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

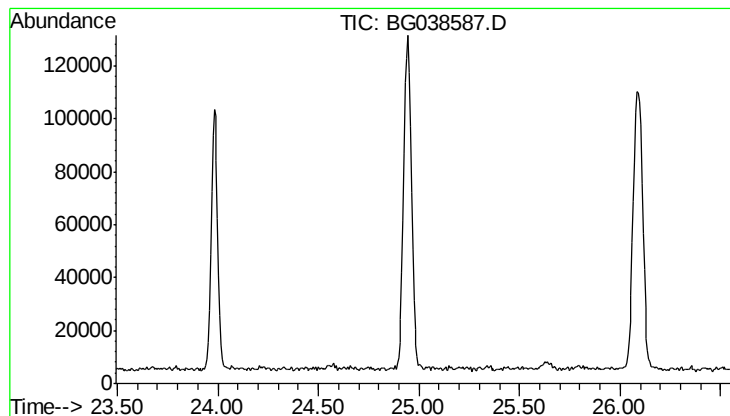
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 6.6
 236 26.8



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG038587.D
 Acq: 15 Dec 2018 3:40

Tgt Ion: 244 Resp: 2432
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.2 9.2#
 122 8.6 6.3 9.5





#87
Pervlene-d12
Concen: 0.000 ng
Expected RT: 25.02 min

Lab File: BG038587.D
Acq: 15 Dec 2018 3:40

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion	264
Sig	Exp Ratio
264	100
260	23.6
265	21.2

