

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
 Data File : BG041864.D
 Acq On : 1 Aug 2019 15:33
 Operator : HP/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 02 01:31:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 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	-8.05
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.87
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.70
64) Phenanthrene-d10	17.90	188	762	20.00	ng	0.44
76) Chrysene-d12	22.30	240	56	20.00	ng	0.56
87) Perylene-d12	0.00	264	0	0.00	ng	-25.01

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	63	0.00	ng	0.03
79) Terphenyl-d14	20.92	244	545	222.70	ng	0.86

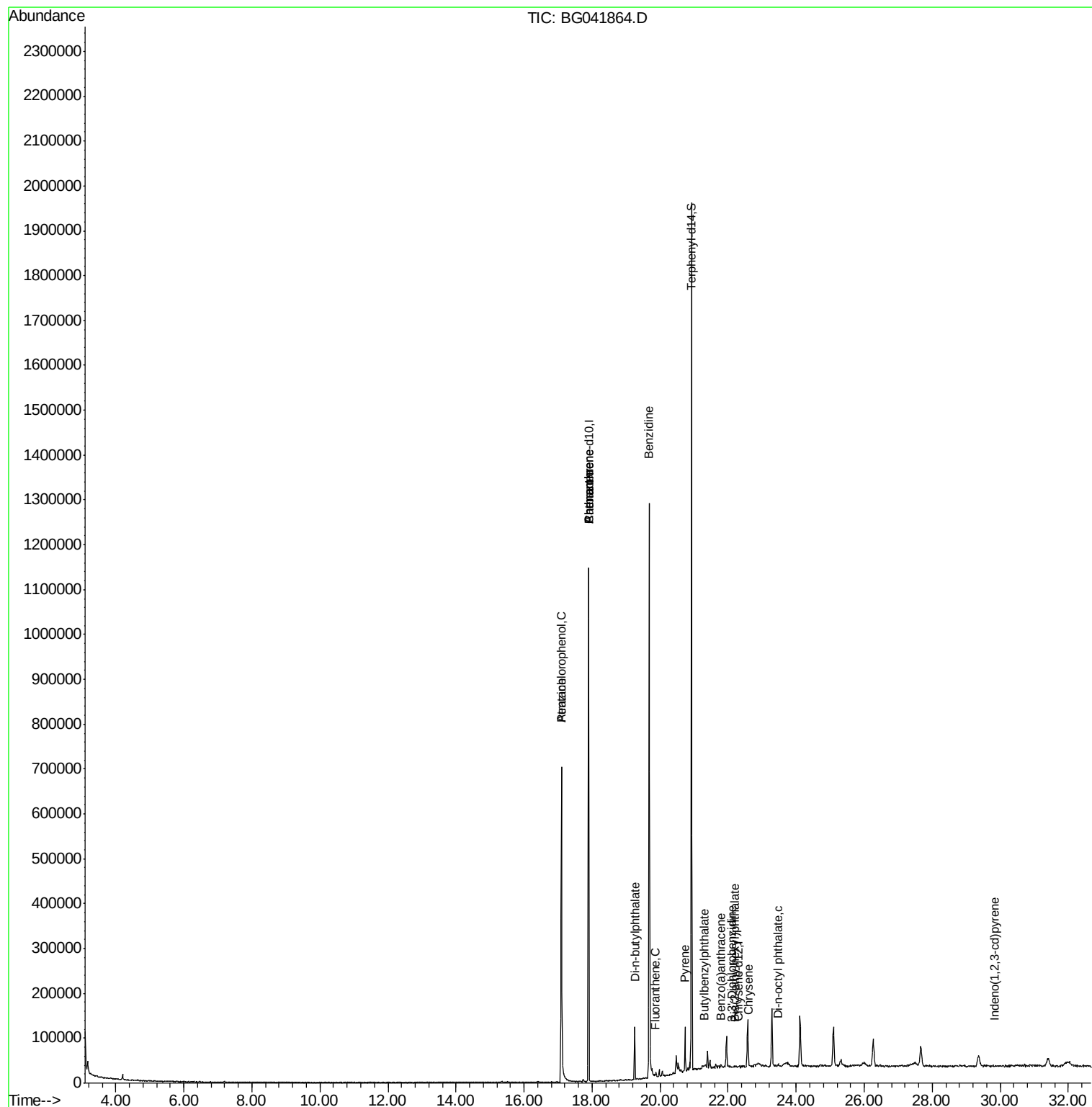
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
69) Atrazine	17.10	200	29666	3637.643	ng	# 34
70) Pentachlorophenol	17.10	266	174796	31334.220	ng	97
71) Phenanthrene	17.90	178	512	14.018	ng	# 1
72) Anthracene	17.90	178	512	14.055	ng	# 1
73) Carbazole	17.90	167	8028	245.540	ng	# 75
74) Di-n-butylphthalate	19.25	149	328	8.849	ng	# 72
75) Fluoranthene	19.86	202	981	22.096	ng	# 40
77) Benzidine	19.68	184	825162	451439.308	ng	97
78) Pyrene	20.73	202	1539	463.846	ng	# 11
80) Butylbenzylphthalate	21.30	149	353	277.495	ng	# 22
81) Benzo(a)anthracene	21.78	228	1186	357.961	ng	96
82) 3,3'-Dichlorobenzidine	22.11	252	65	48.863	ng	# 24
83) Chrysene	22.60	228	60	18.892	ng	# 43
84) Bis(2-ethylhexyl)phthalate	22.19	149	542	308.877	ng	# 47
85) Di-n-octyl phthalate	23.47	149	325	110.052	ng	# 70
86) Indeno(1,2,3-cd)pyrene	29.85	276	135	32.110	ng	# 47

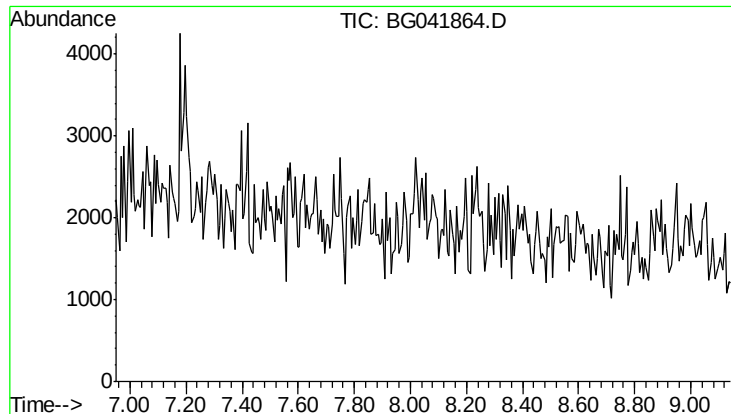
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
Data File : BG041864.D
Acq On : 1 Aug 2019 15:33
Operator : HP/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 02 01:31:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 8.05 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

Instrument :

BNA_F

ClientSampleId :

DFTPP

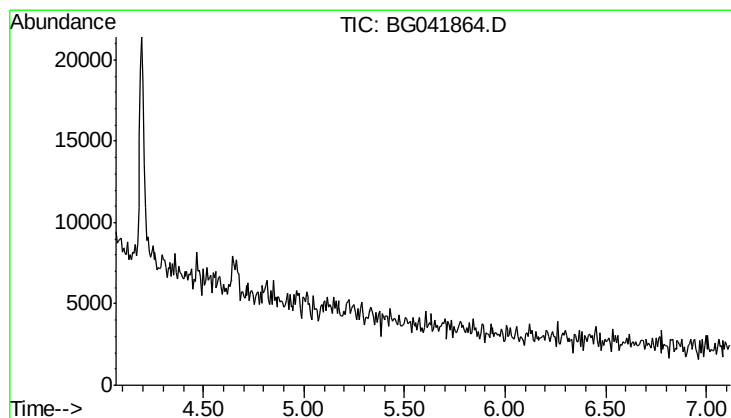
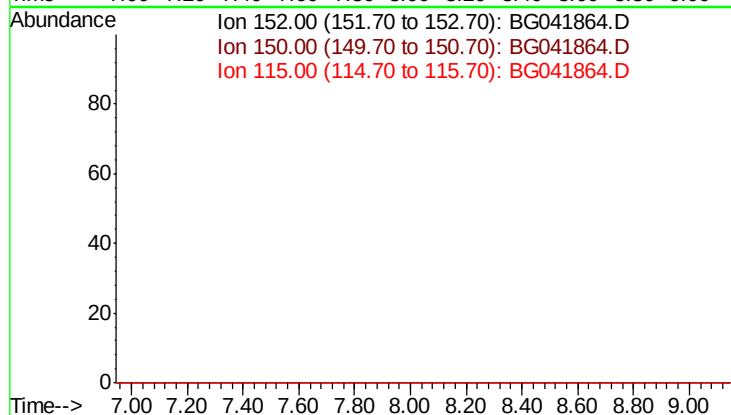
Tgt Ion: 152

Sig Exp Ratio

152 100

150 158.6

115 56.3



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.59 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

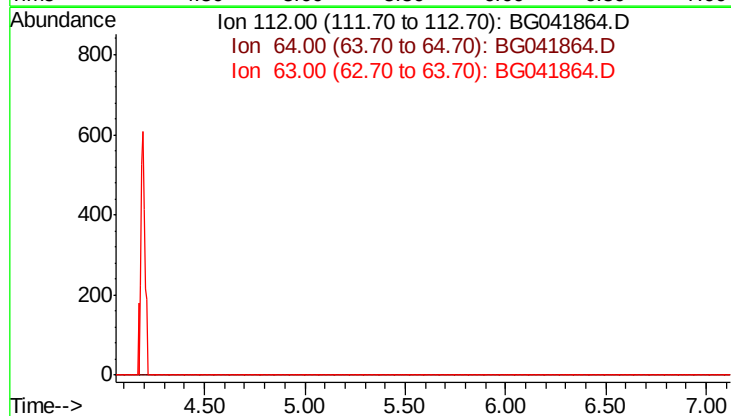
Tgt Ion: 112

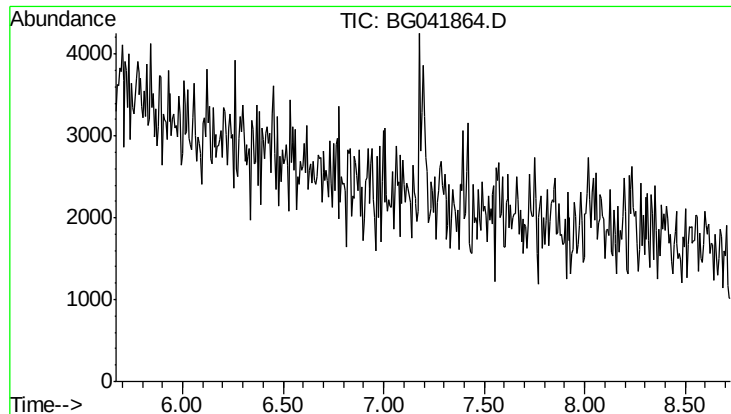
Sig Exp Ratio

112 100

64 69.3

63 36.4





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.19 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

Instrument :

BNA_F

ClientSampleId :

DFTPP

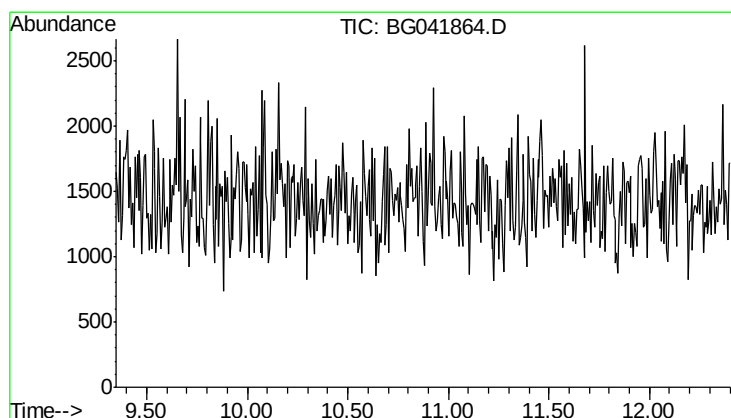
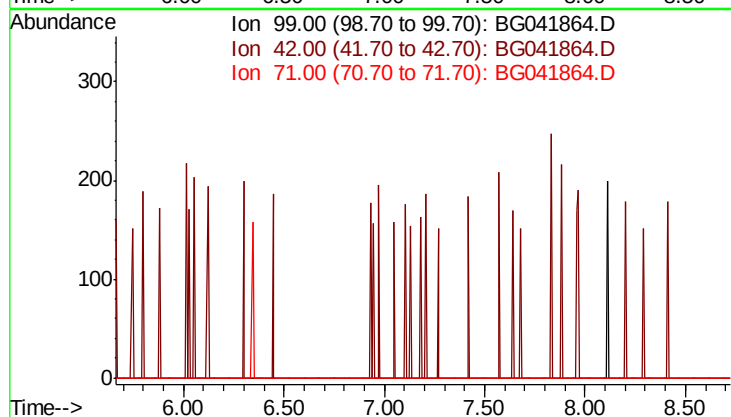
Tgt Ion: 99

Sig Exp Ratio

99 100

42 22.0

71 34.7



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 10.87 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

Tgt Ion: 136

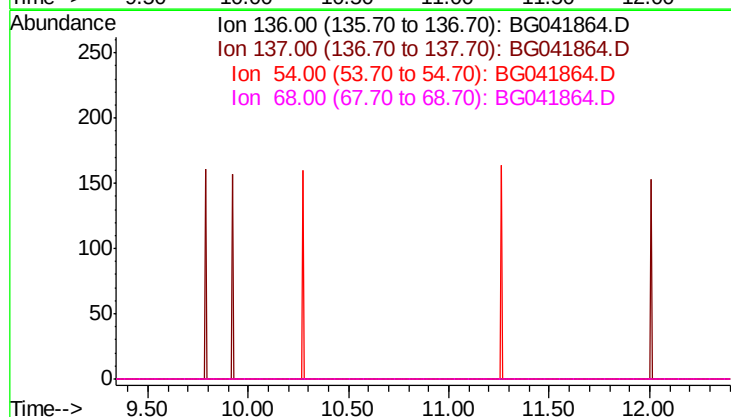
Sig Exp Ratio

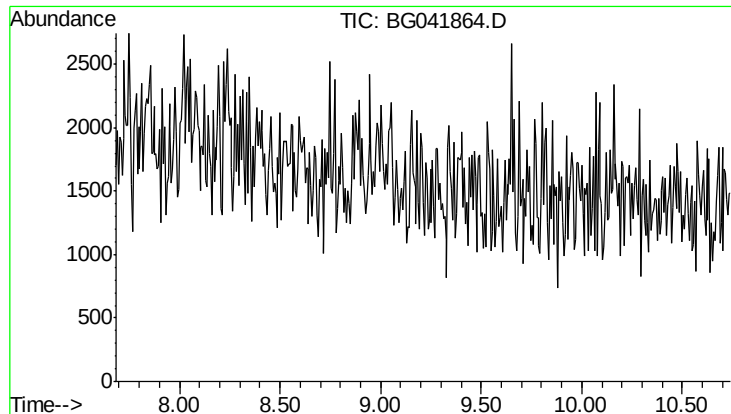
136 100

137 11.5

54 10.9

68 6.9

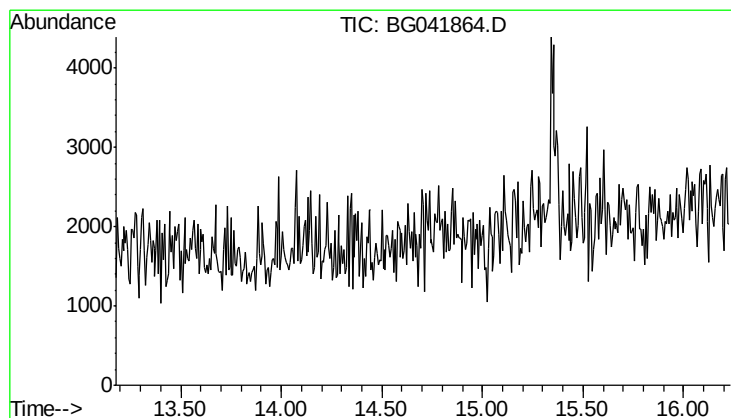
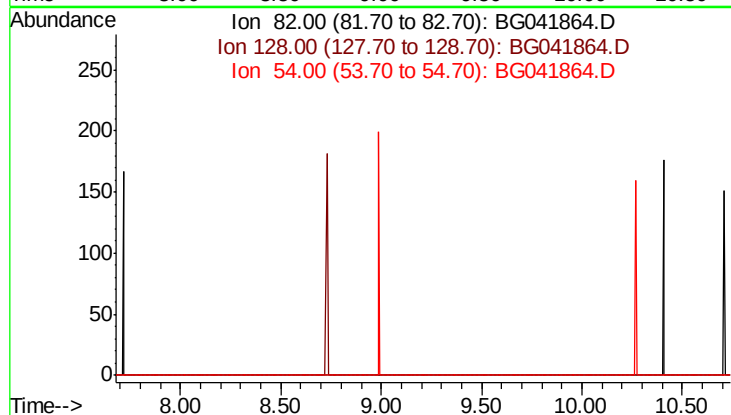




#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.21 min
Lab File: BG041864.D
Acq: 1 Aug 2019 15:33

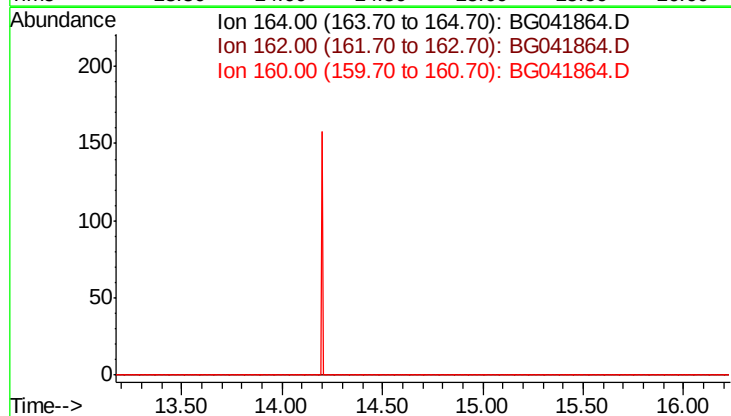
Instrument :
BNA_F
ClientSampleId :
DFTPP

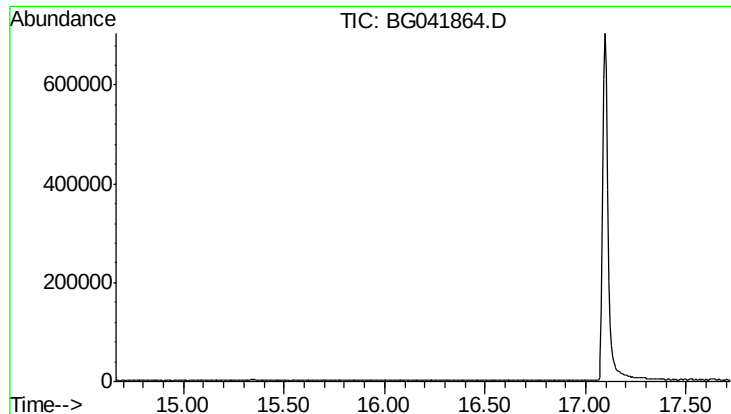
Tgt Ion	Exp Ratio
82	100
128	43.9
54	60.9



#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.70 min
Lab File: BG041864.D
Acq: 1 Aug 2019 15:33

Tgt Ion	Exp Ratio
164	100
162	99.5
160	44.2

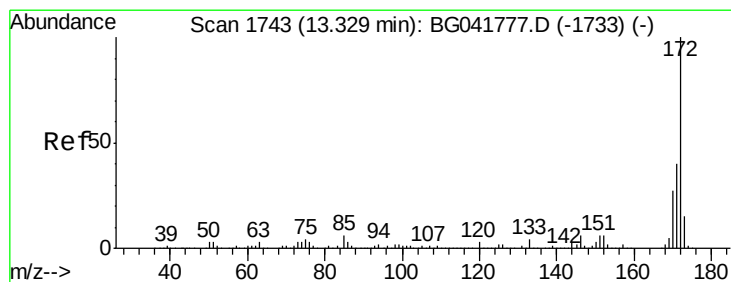
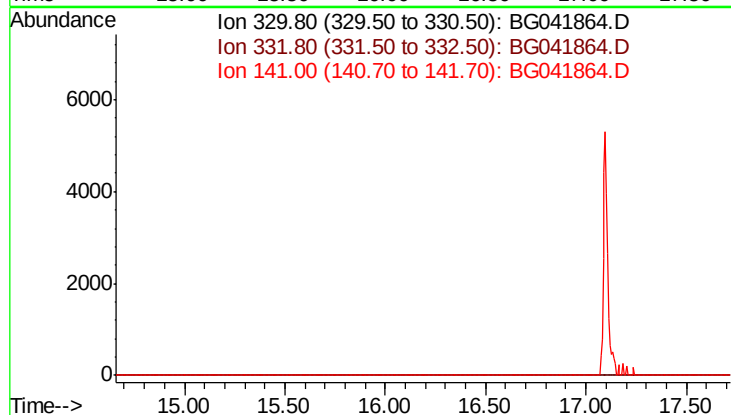




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.19 min
 Lab File: BG041864.D
 Acq: 1 Aug 2019 15:33

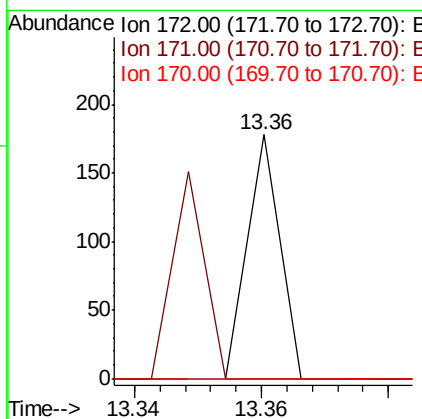
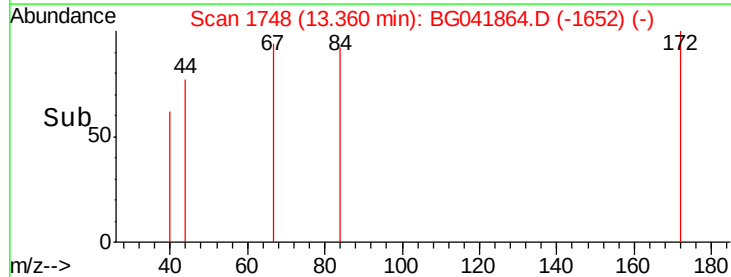
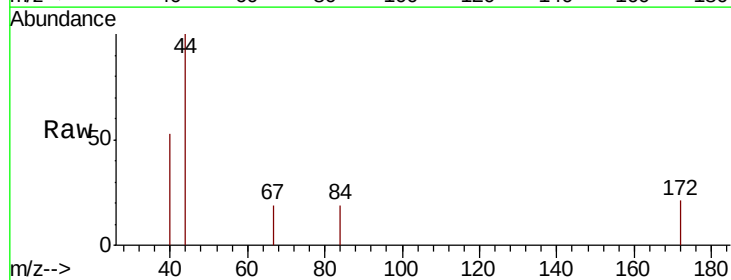
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

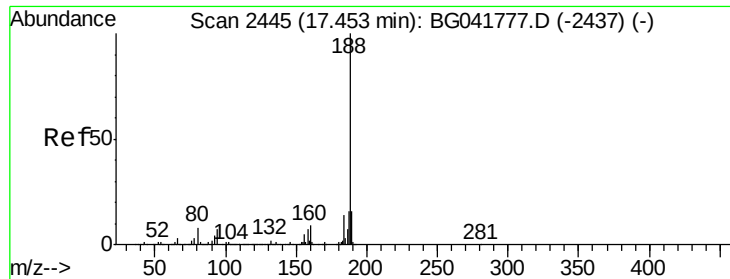
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.7
 141 39.9



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.03 min
 Lab File: BG041864.D
 Acq: 1 Aug 2019 15:33

Tgt Ion: 172 Resp: 63
 Ion Ratio Lower Upper
 172 100
 171 0.0 35.0 52.4#
 170 0.0 23.5 35.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.90 min Scan# 2520

Delta R.T. 0.44 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

Instrument :

BNA_F

ClientSampleId :

DFTPP

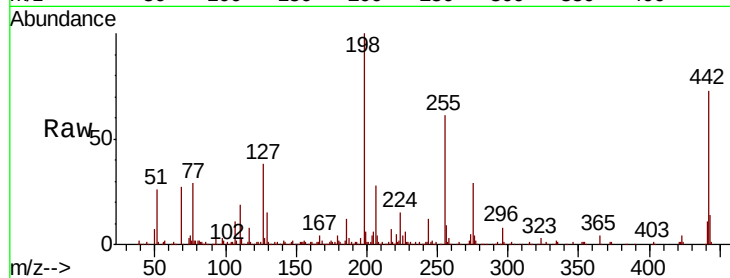
Tgt Ion:188 Resp: 762

Ion Ratio Lower Upper

188 100

94 53.9 6.9 10.3#

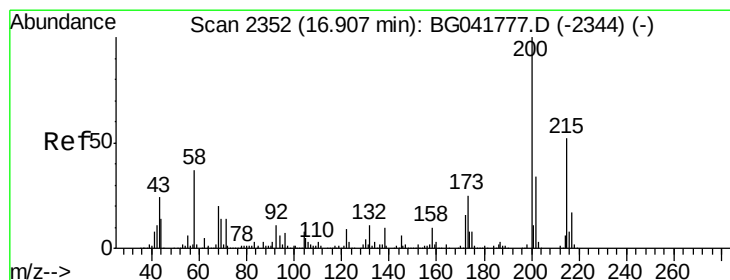
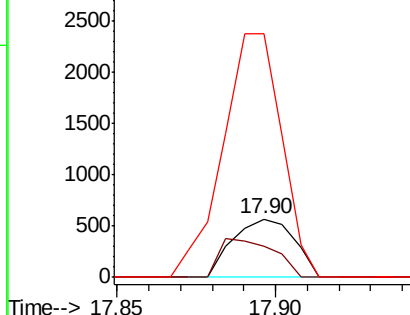
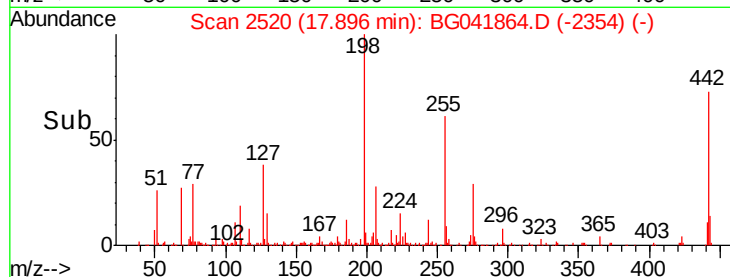
80 415.1 8.0 12.0#



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



#69

Atrazine

Concen: 3637.643 ng

RT: 17.10 min Scan# 2384

Delta R.T. 0.19 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

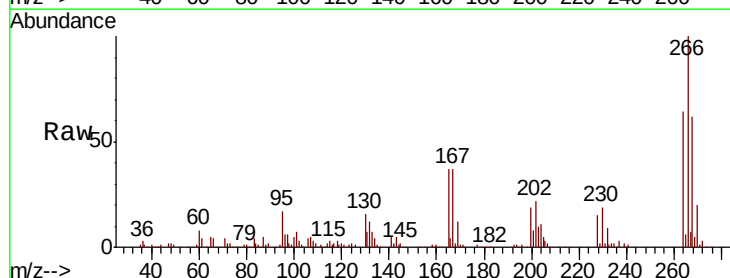
Tgt Ion:200 Resp: 29666

Ion Ratio Lower Upper

200 100

173 0.0 5.3 45.3#

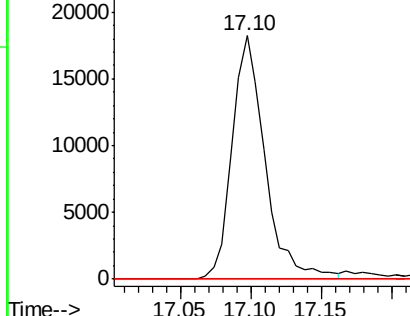
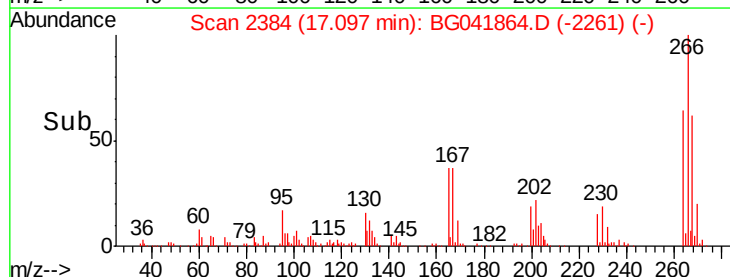
215 0.0 31.8 71.8#

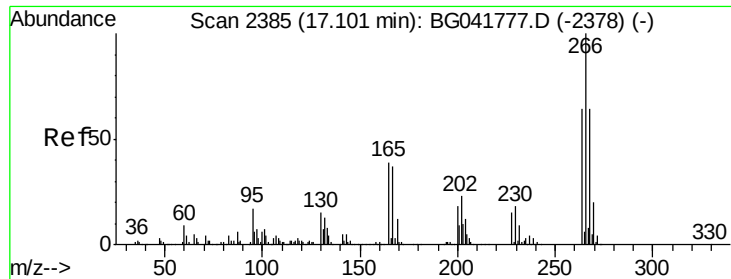


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 31334.220 ng

RT: 17.10 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

Instrument :

BNA_F

ClientSampleId :

DFTPP

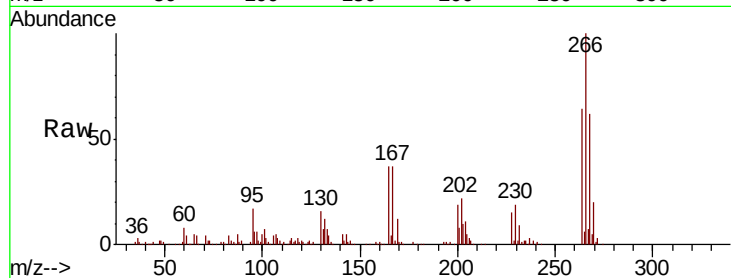
Tgt Ion:266 Resp: 174796

Ion Ratio Lower Upper

266 100

268 62.3 52.9 79.3

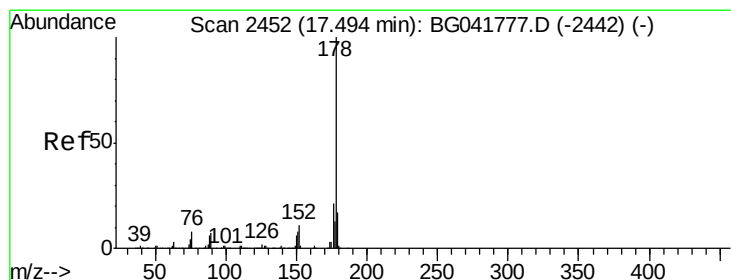
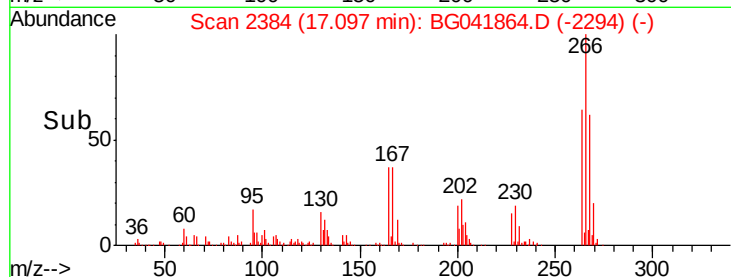
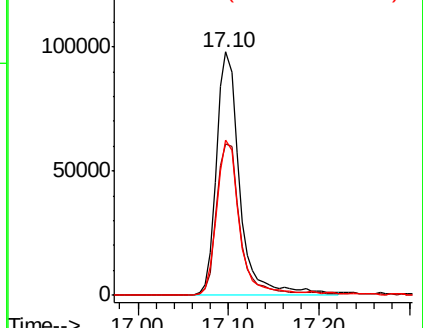
264 63.7 51.4 77.2



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: 14.018 ng

RT: 17.90 min Scan# 2520

Delta R.T. 0.40 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

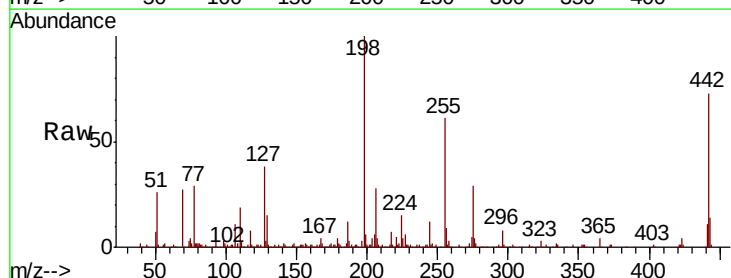
Tgt Ion:178 Resp: 512

Ion Ratio Lower Upper

178 100

176 203.1 18.6 28.0#

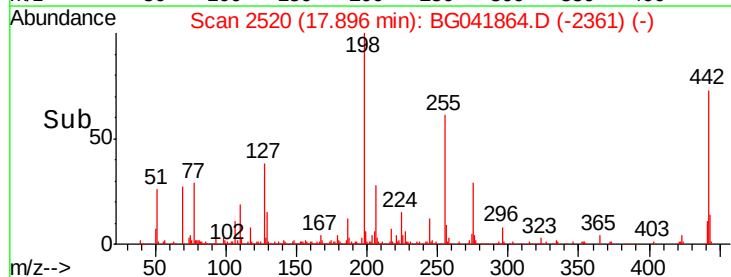
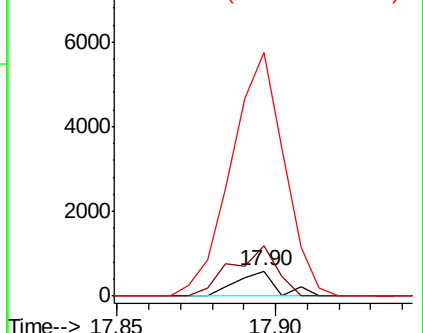
179 980.7 15.4 23.0#

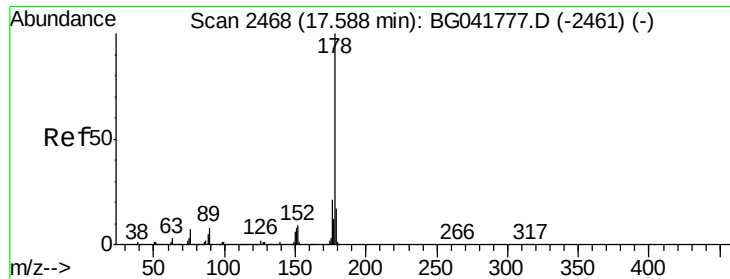


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 14.055 ng

RT: 17.90 min Scan# 2520

Delta R.T. 0.31 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

Instrument :

BNA_F

ClientSampleId :

DFTPP

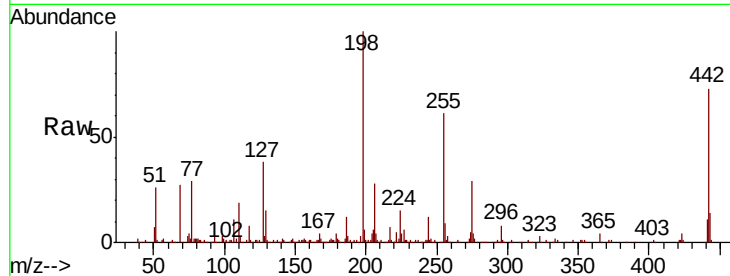
Tgt Ion:178 Resp: 512

Ion Ratio Lower Upper

178 100

176 203.1 18.6 28.0#

179 980.7 15.1 22.7#

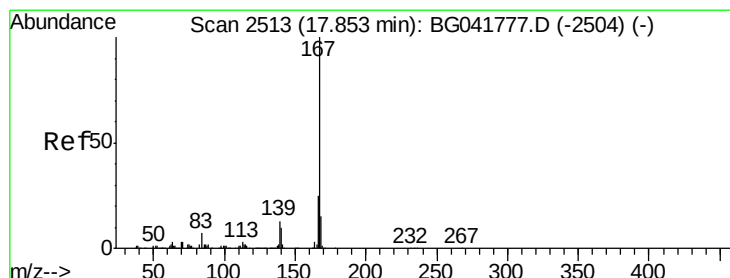
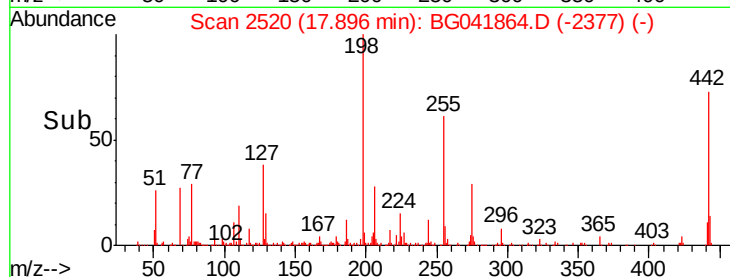
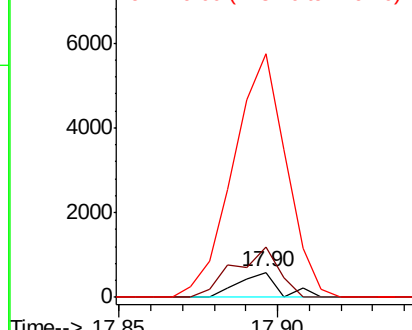


Abundance

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: 245.540 ng

RT: 17.90 min Scan# 2520

Delta R.T. 0.04 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

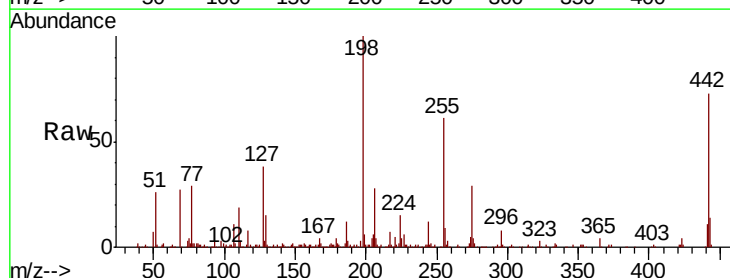
Tgt Ion:167 Resp: 8028

Ion Ratio Lower Upper

167 100

166 15.5 21.4 32.2#

139 2.7 12.1 18.1#

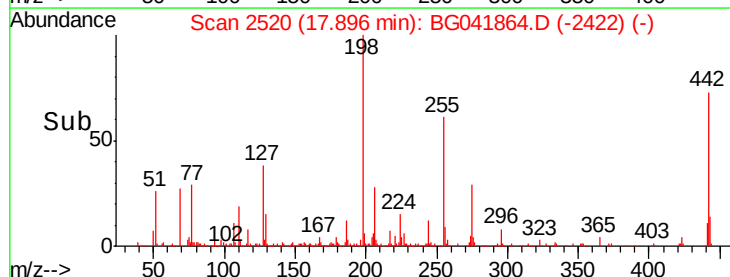
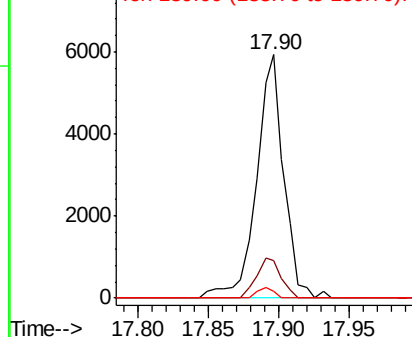


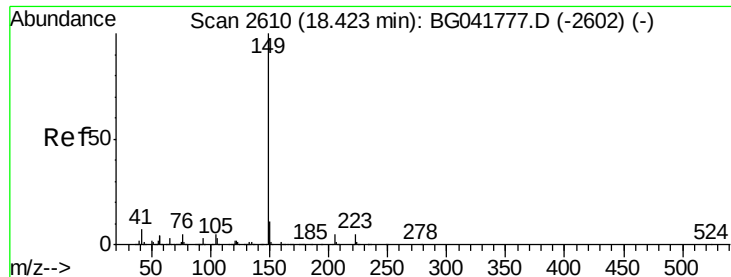
Abundance

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: 8.849 ng

RT: 19.25 min Scan# 2750

Delta R.T. 0.82 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

Instrument :

BNA_F

ClientSampleId :

DFTPP

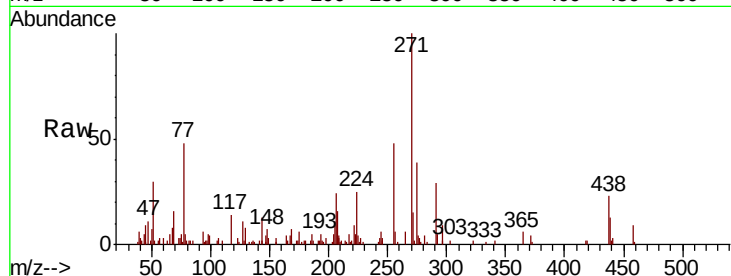
Tgt Ion:149 Resp: 328

Ion Ratio Lower Upper

149 100

150 0.0 10.2 15.2#

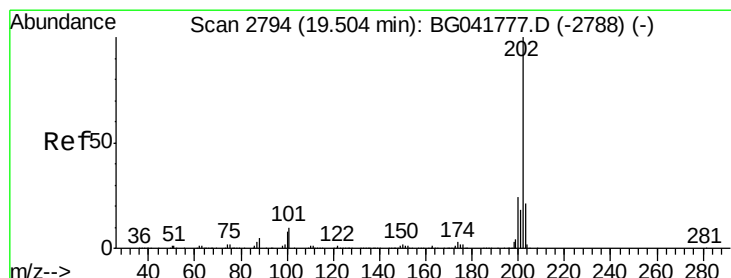
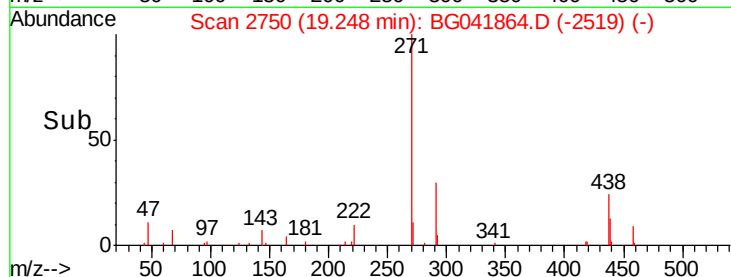
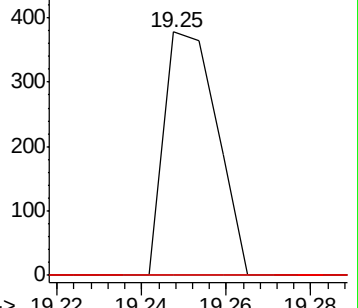
104 0.0 5.3 7.9#



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



#75

Fluoranthene

Concen: 22.096 ng

RT: 19.86 min Scan# 2855

Delta R.T. 0.36 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

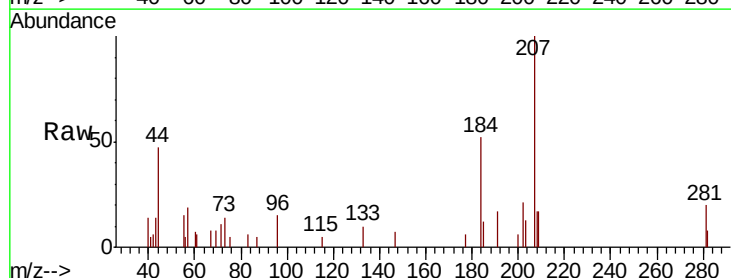
Tgt Ion:202 Resp: 981

Ion Ratio Lower Upper

202 100

101 0.0 0.0 32.8

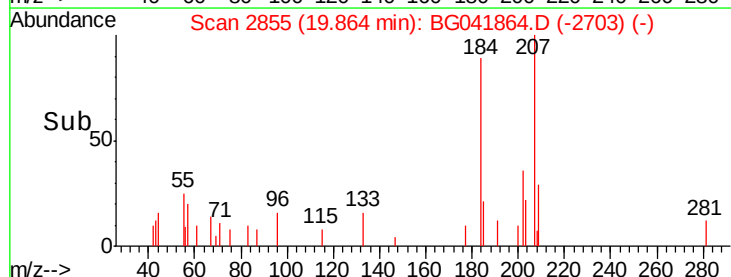
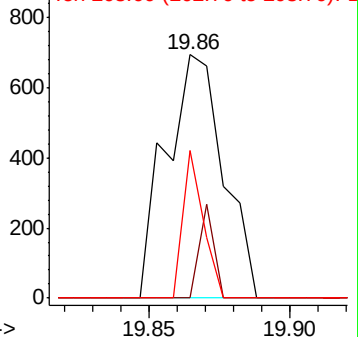
203 60.4 3.7 43.7#

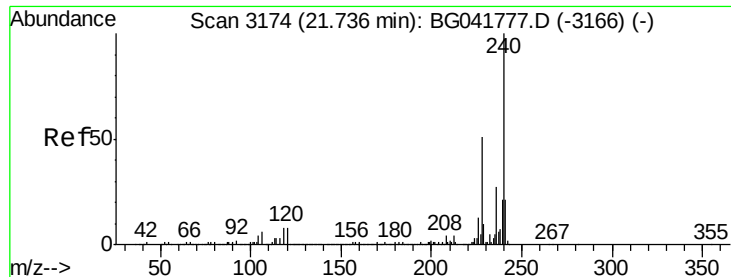


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

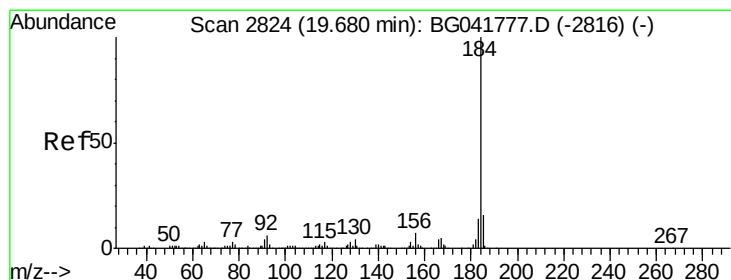
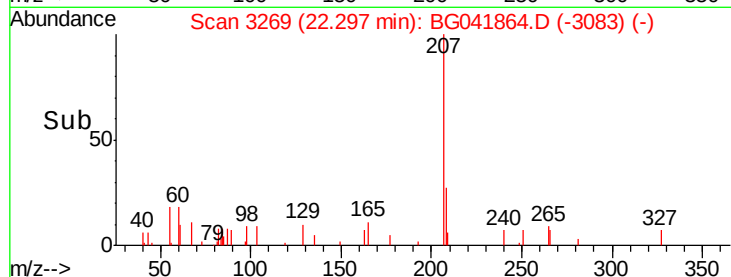
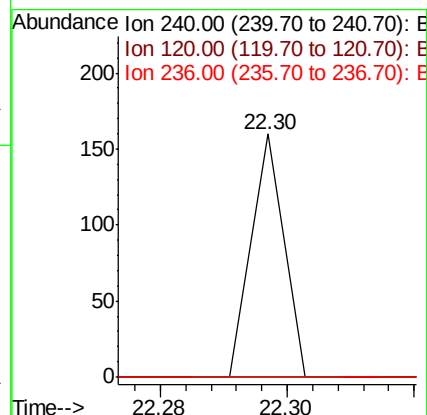
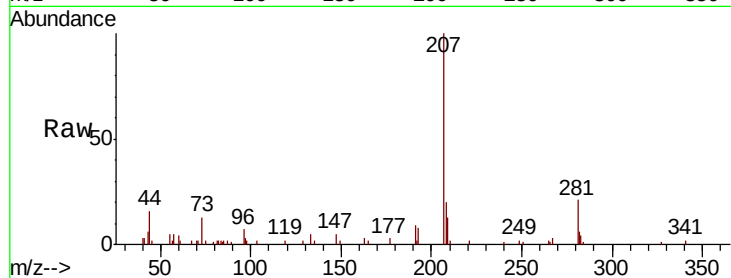




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.30 min Scan# 3269
Delta R.T. 0.56 min
Lab File: BG041864.D
Acq: 1 Aug 2019 15:33

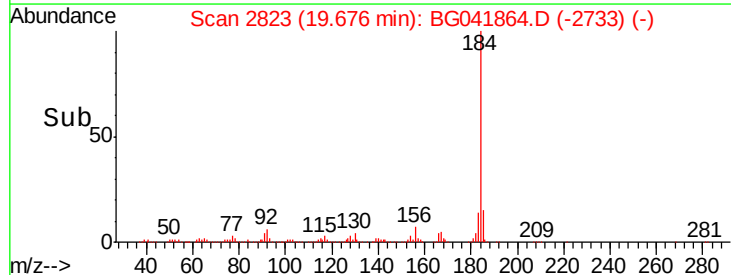
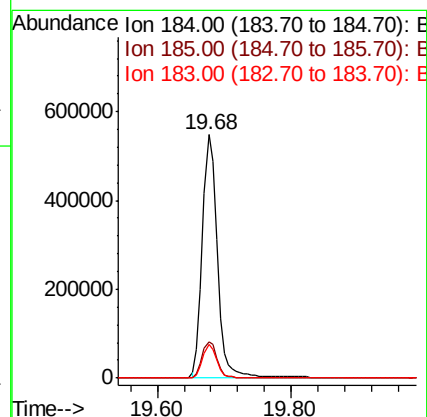
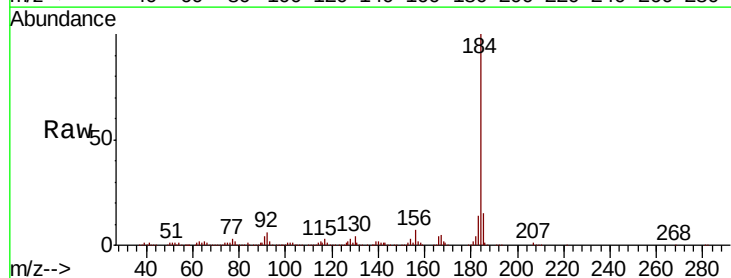
Instrument :
BNA_F
ClientSampleId :
DFTPP

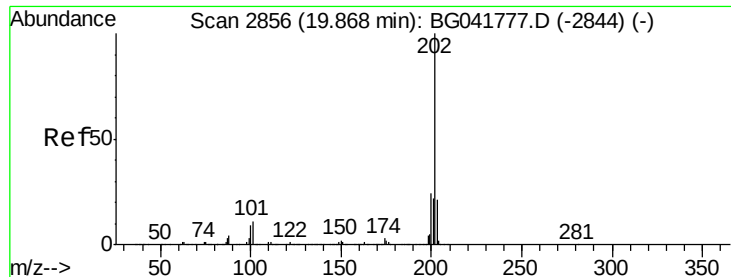
Tgt Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.0	12.0#
236	0.0	22.6	33.8#



#77
Benzidine
Concen: 451439.308 ng
RT: 19.68 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG041864.D
Acq: 1 Aug 2019 15:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.0	19.4
183	13.7	11.8	17.6

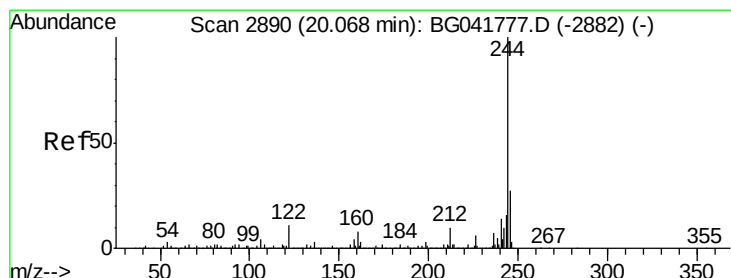
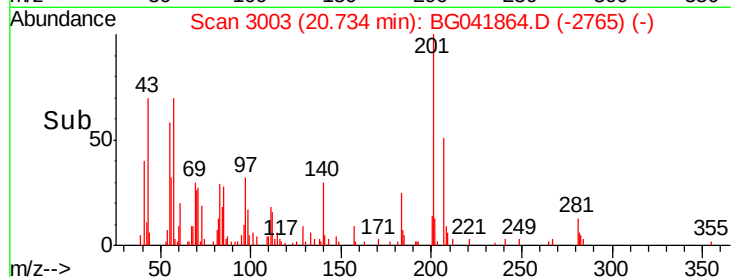
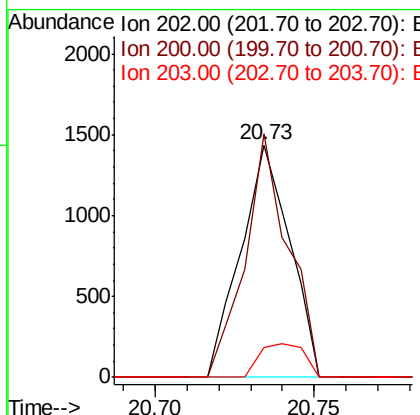
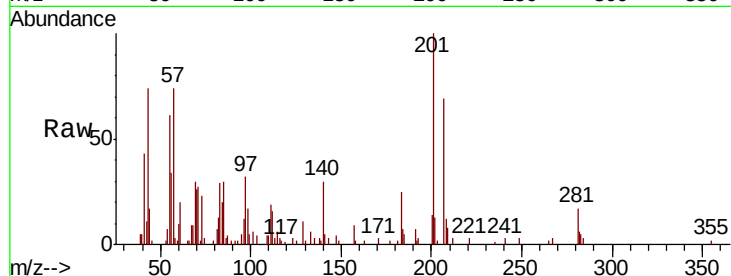




#78
 Pyrene
 Concen: 463.846 ng
 RT: 20.73 min Scan# 3003
 Delta R.T. 0.87 min
 Lab File: BG041864.D
 Acq: 1 Aug 2019 15:33

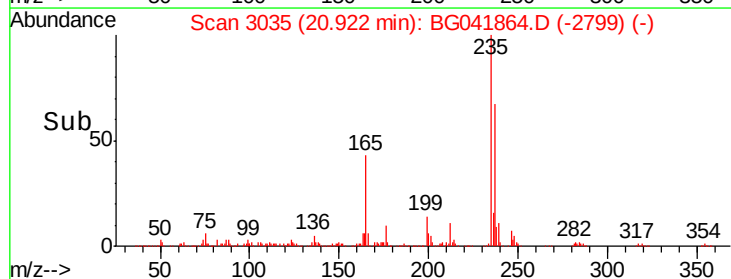
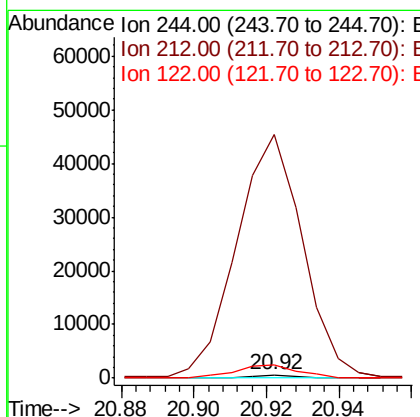
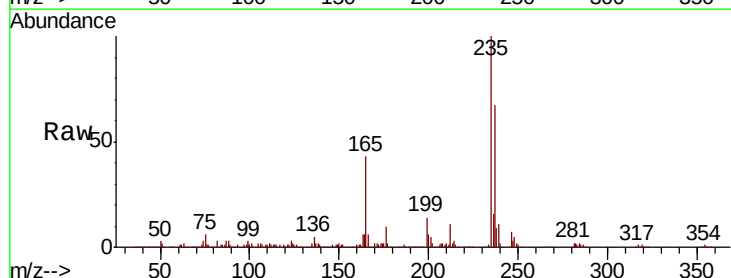
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

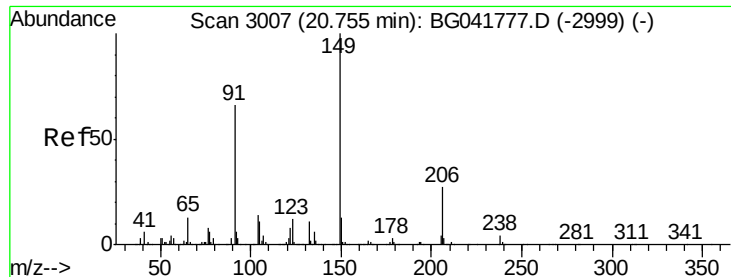
Tgt Ion:202 Resp: 1539
 Ion Ratio Lower Upper
 202 100
 200 104.7 22.2 33.2#
 203 12.9 18.9 28.3#



#79
 Terphenyl-d14
 Concen: 222.697 ng
 RT: 20.92 min Scan# 3035
 Delta R.T. 0.86 min
 Lab File: BG041864.D
 Acq: 1 Aug 2019 15:33

Tgt Ion:244 Resp: 545
 Ion Ratio Lower Upper
 244 100
 212 8018.4 9.7 14.5#
 122 427.6 12.5 18.7#

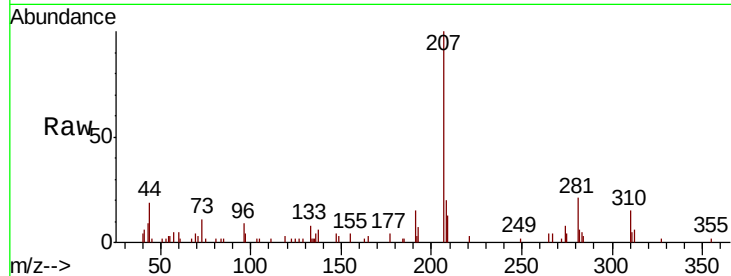




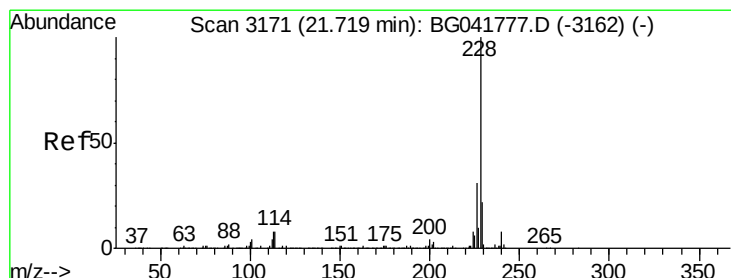
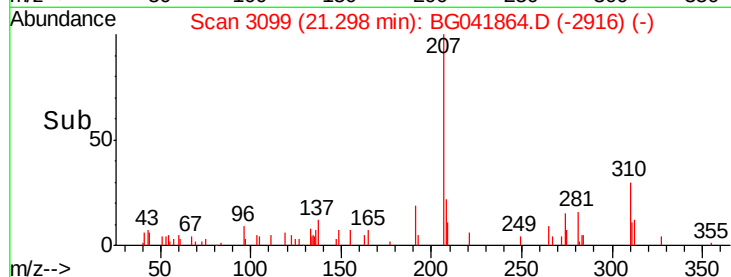
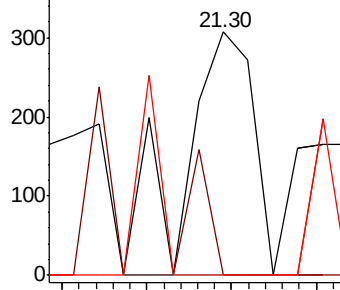
#80
Butylbenzylphthalate
Concen: 277.495 ng
RT: 21.30 min Scan# 3099
Delta R.T. 0.54 min
Lab File: BG041864.D
Acq: 1 Aug 2019 15:33

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	58.9	88.3#
206	0.0	20.8	31.2#

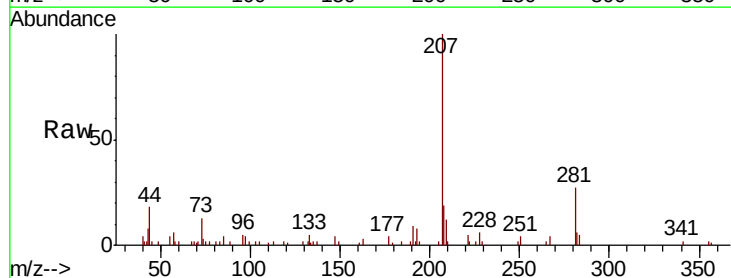


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

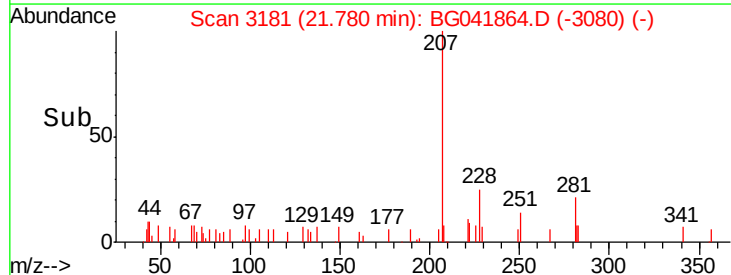
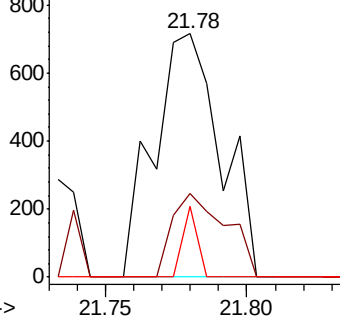


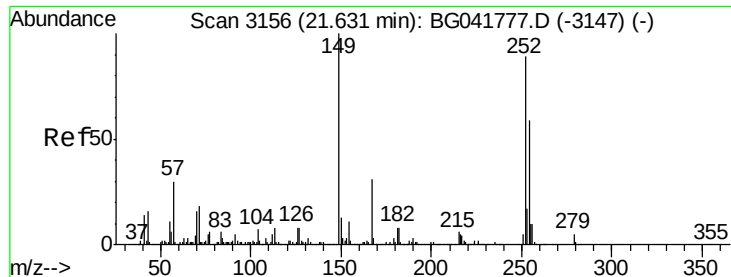
#81
Benzo(a)anthracene
Concen: 357.961 ng
RT: 21.78 min Scan# 3181
Delta R.T. 0.06 min
Lab File: BG041864.D
Acq: 1 Aug 2019 15:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	27.3	40.9
229	29.3	19.7	29.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

3,3'-Dichlorobenzidine

Concen: 48.863 ng

RT: 22.11 min Scan# 3237

Delta R.T. 0.48 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

Instrument :

BNA_F

ClientSampleId :

DFTPP

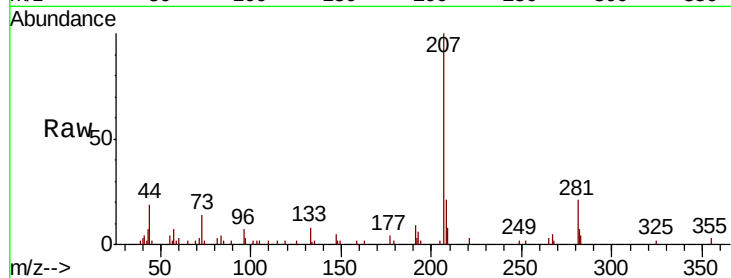
Tgt Ion:252 Resp: 65

Ion Ratio Lower Upper

252 100

254 0.0 53.8 80.6#

126 0.0 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

22.11

200

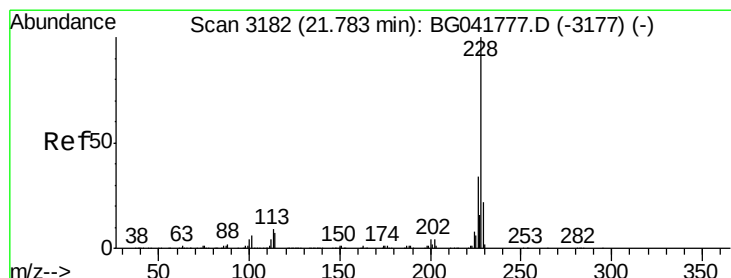
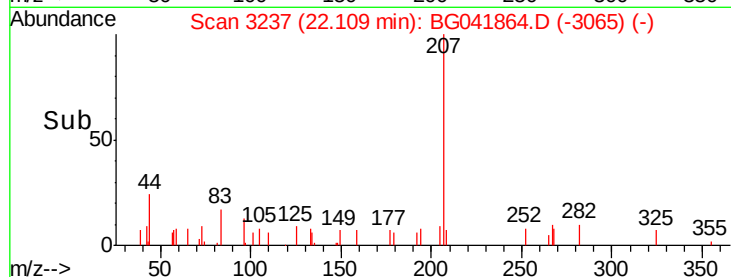
150

100

50

0

Time-->



#83

Chrysene

Concen: 18.892 ng

RT: 22.60 min Scan# 3321

Delta R.T. 0.82 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

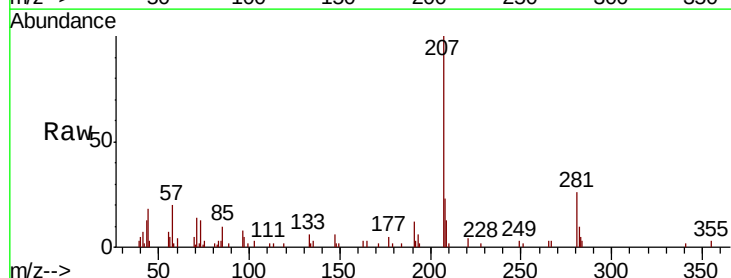
Tgt Ion:228 Resp: 60

Ion Ratio Lower Upper

228 100

226 0.0 30.1 45.1#

229 0.0 19.8 29.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

22.60

200

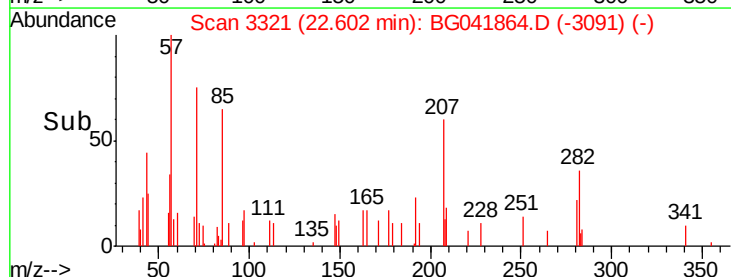
150

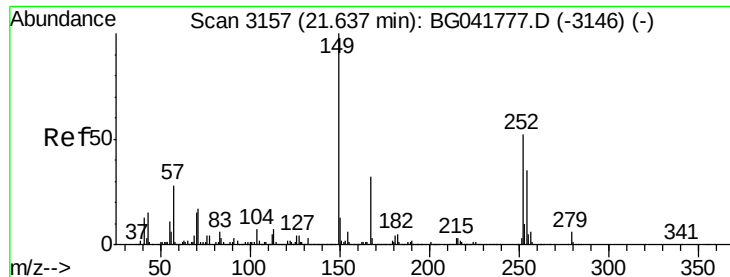
100

50

0

Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 308.877 ng

RT: 22.19 min Scan# 3251

Delta R.T. 0.55 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

Instrument :

BNA_F

ClientSampleId :

DFTPP

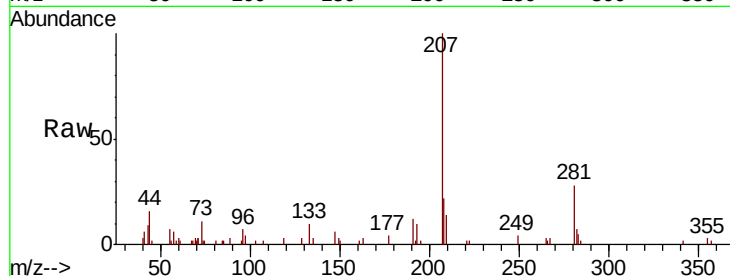
Tgt Ion:149 Resp: 542

Ion Ratio Lower Upper

149 100

167 0.0 27.0 40.4#

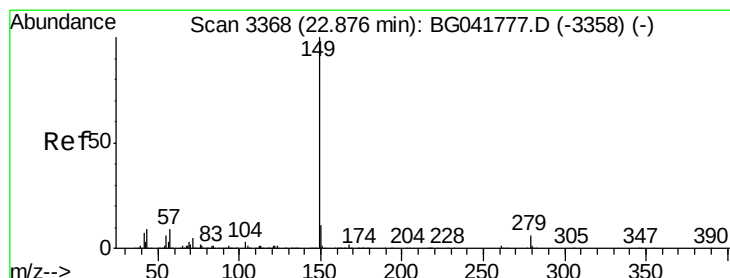
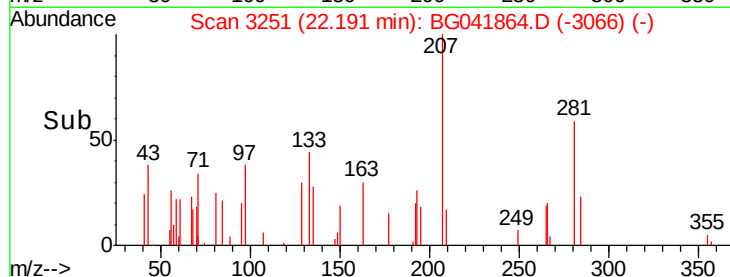
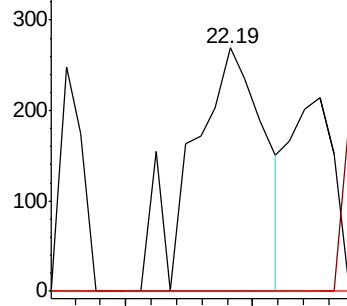
279 0.0 5.0 7.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 110.052 ng

RT: 23.47 min Scan# 3469

Delta R.T. 0.60 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

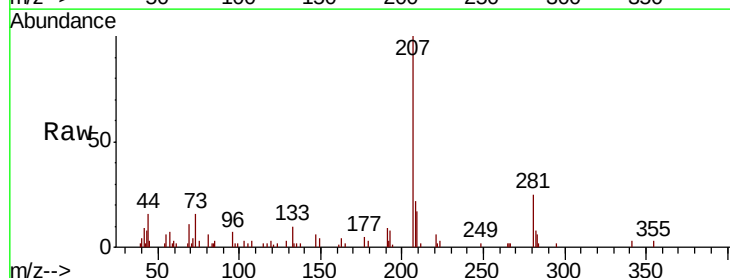
Tgt Ion:149 Resp: 325

Ion Ratio Lower Upper

149 100

167 0.0 1.6 2.4#

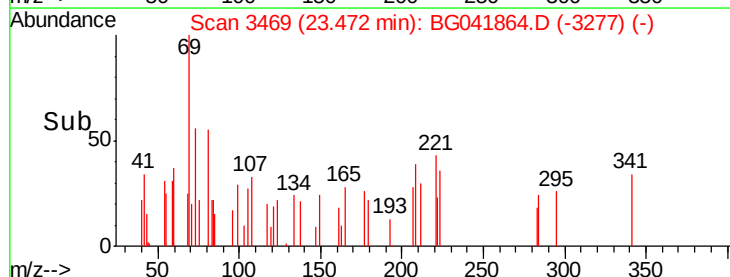
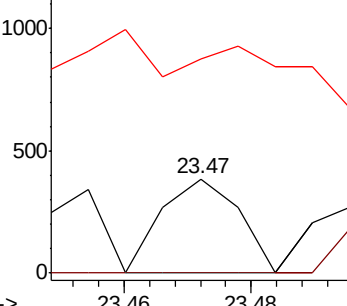
43 0.0 10.6 16.0#

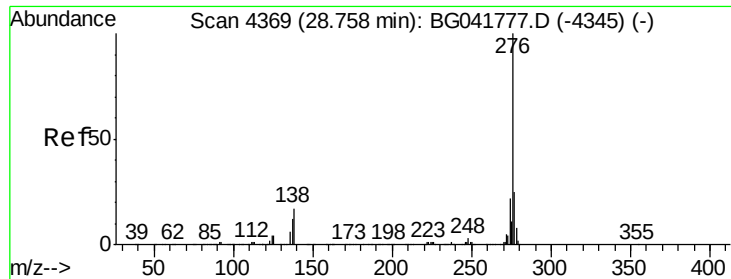


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 32.110 ng

RT: 29.85 min Scan# 4554

Delta R.T. 1.09 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

Instrument :

BNA_F

ClientSampleId :

DFTPP

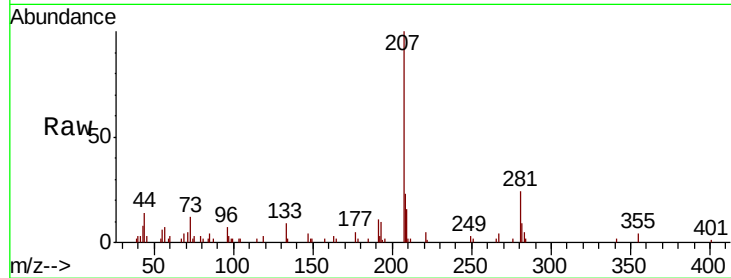
Tgt Ion: 276 Resp: 135

Ion Ratio Lower Upper

276 100

138 51.1 19.4 29.0#

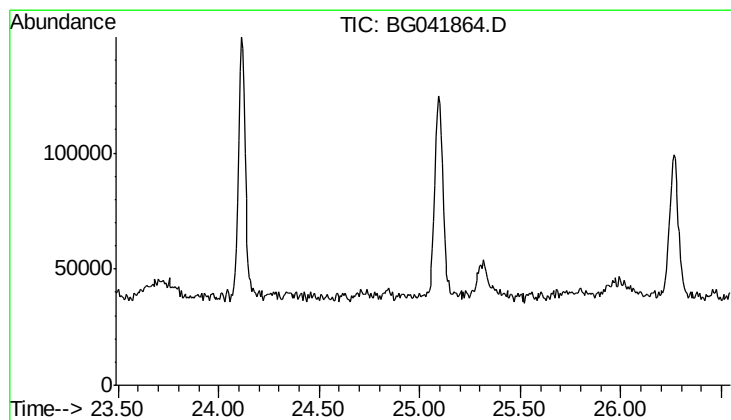
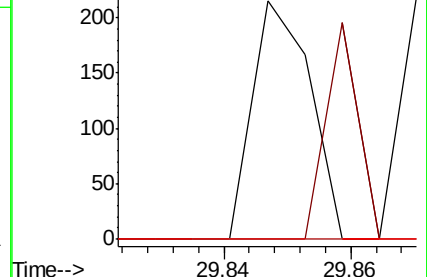
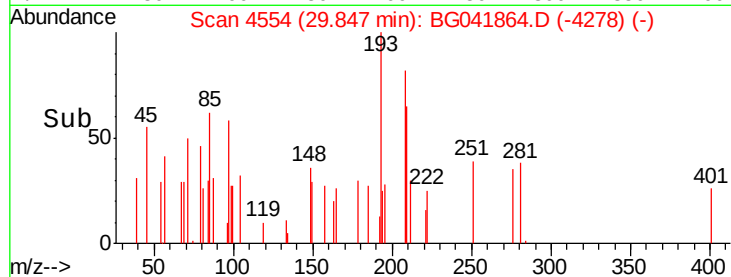
277 0.0 21.2 31.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 0.000 ng

Expected RT: 25.01 min

Lab File: BG041864.D

Acq: 1 Aug 2019 15:33

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.4

265 22.5

