

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113906.D
 Acq On : 23 Apr 2019 3:58
 Operator : JU/SJ
 Sample : K2201-09RE 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-E

Quant Time: Apr 23 06:41:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 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	-6.90
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.18
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.93
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.42
76) Chrysene-d12	14.06	240	1739	20.00	ng	-0.01
87) Perylene-d12	15.53	264	452	20.00	ng	-0.04

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	0.00	172	0	0.00	ng	
79) Terphenyl-d14	13.00	244	1099	12.96	ng	0.00

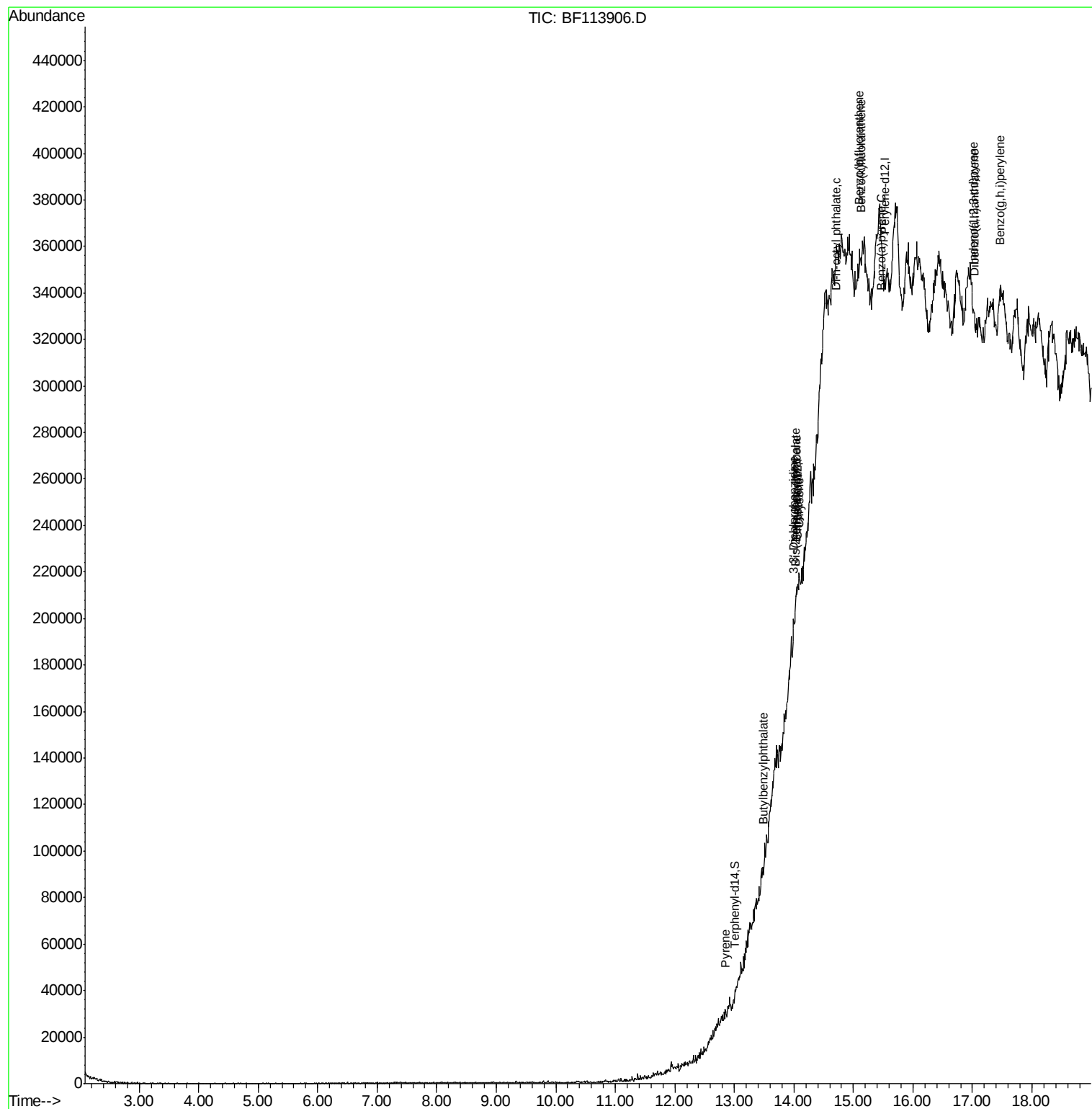
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
78) Pyrene	12.86	202	546	4.490	ng	# 10
80) Butylbenzylphthalate	13.49	149	233	4.870	ng	# 66
81) Benzo(a)anthracene	14.04	228	1838	17.939	ng	# 1
82) 3,3'-Dichlorobenzidine	13.99	252	1151	30.649	ng	# 25
83) Chrysene	14.08	228	2359	23.641	ng	# 56
84) Bis(2-ethylhexyl)phthalate	14.02	149	235	3.860	ng	# 51
85) Di-n-octyl phthalate	14.72	149	944	9.907	ng	# 62
86) Indeno(1,2,3-cd)pyrene	17.02	276	277	2.931	ng	# 1
88) Benzo(b)fluoranthene	15.10	252	755	26.401	ng	# 1
89) Benzo(k)fluoranthene	15.13	252	837	34.026	ng	# 1
90) Benzo(a)pyrene	15.47	252	448	18.111	ng	# 1
91) Dibenzo(a,h)anthracene	17.04	278	317	13.652	ng	# 1
92) Benzo(g,h,i)perylene	17.46	276	535	22.831	ng	# 1

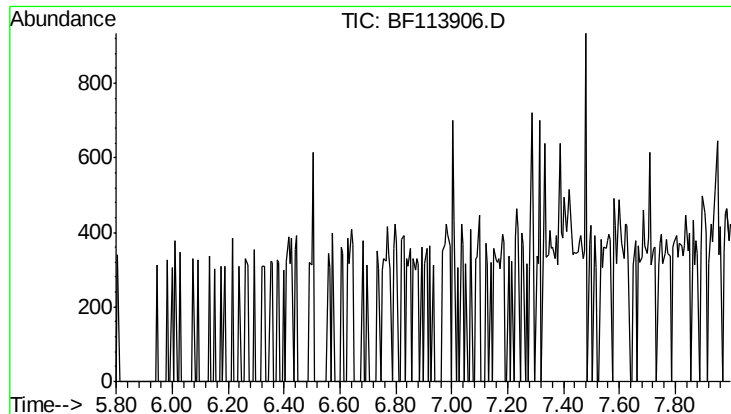
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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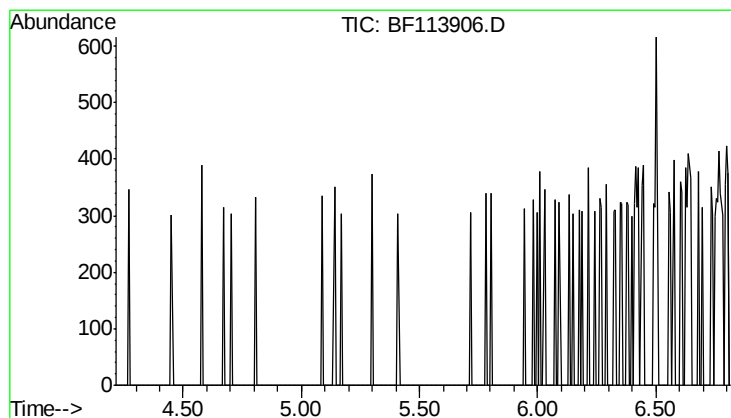
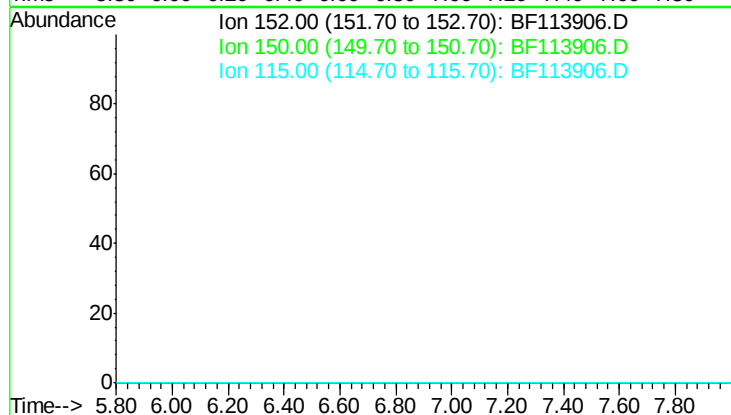




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.90 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

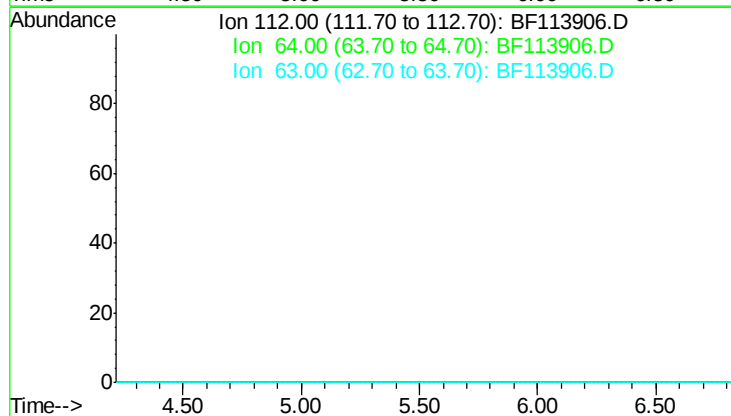
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-E

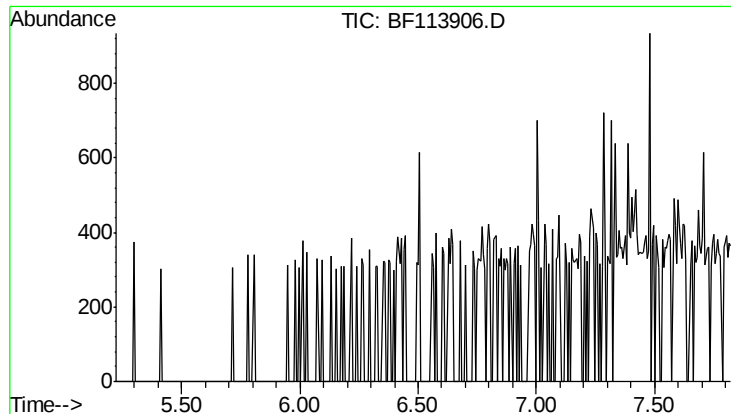
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 157.4
 115 57.4



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.52 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 58.2
 63 28.9





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.52 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

Instrument :

BNA_F

ClientSampleId :

PL-01-041819-E

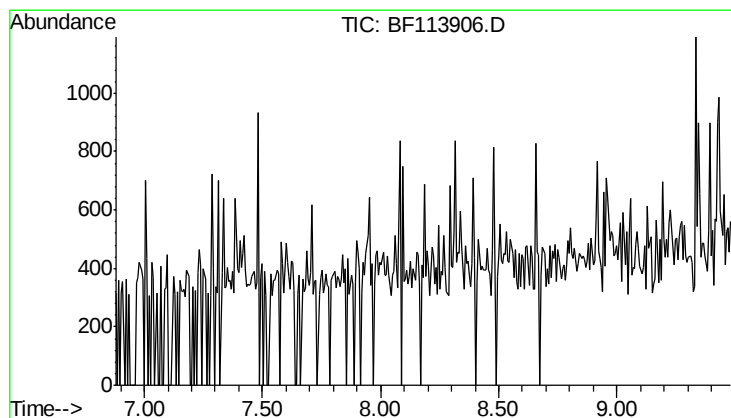
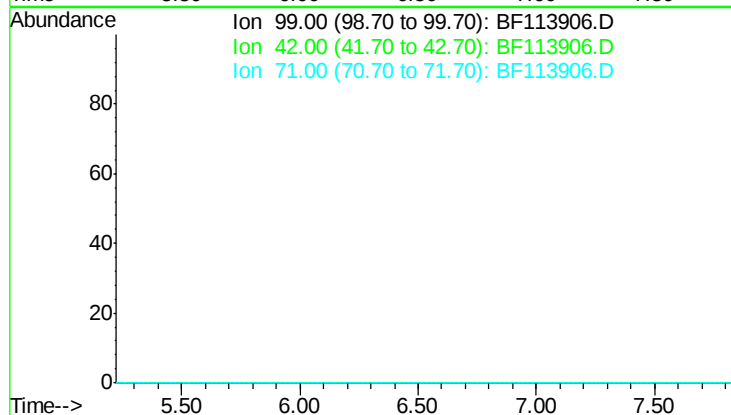
Tgt Ion: 99

Sig Exp Ratio

99 100

42 15.6

71 33.6



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.18 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

Tgt Ion: 136

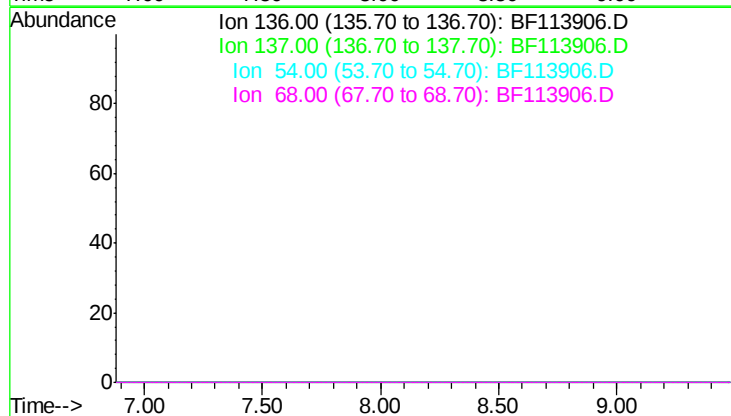
Sig Exp Ratio

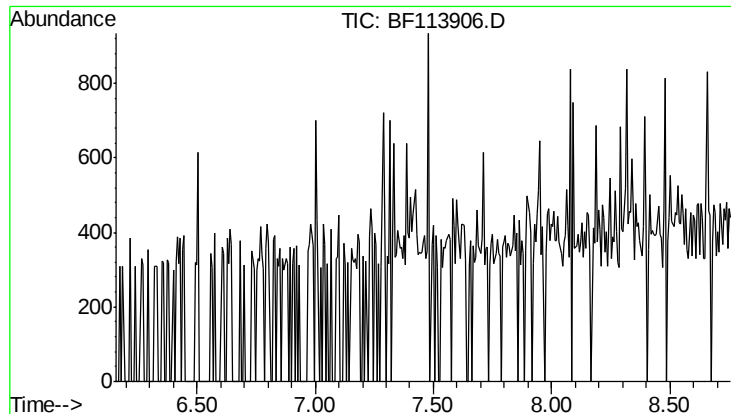
136 100

137 10.7

54 6.3

68 6.1

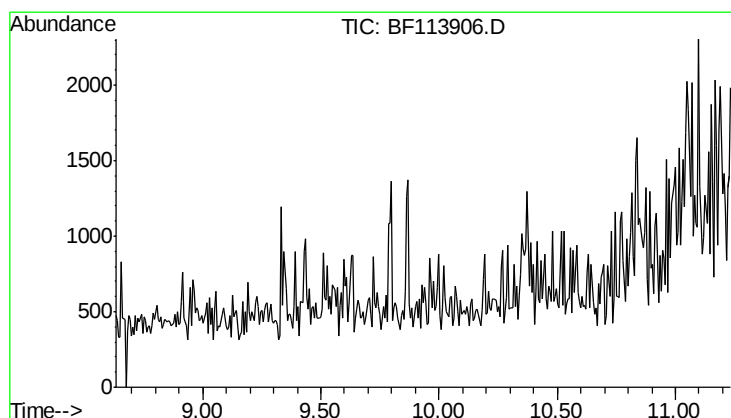
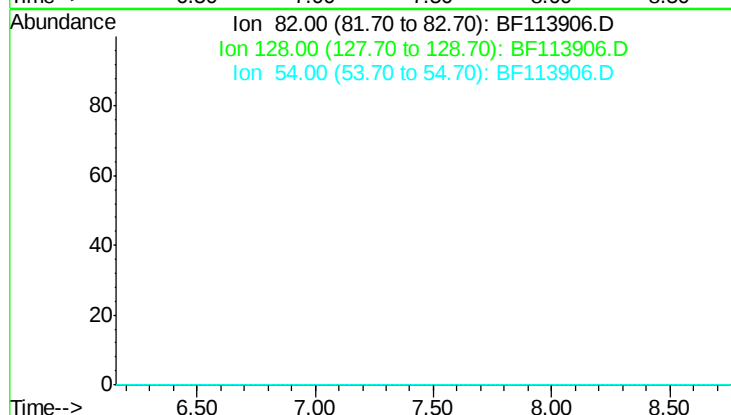




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.46 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

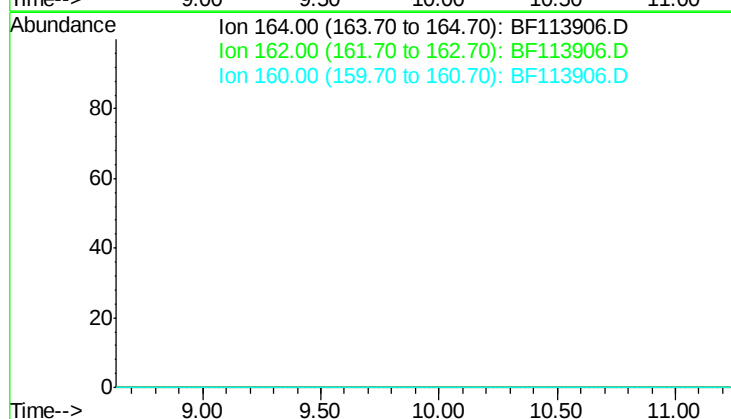
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-E

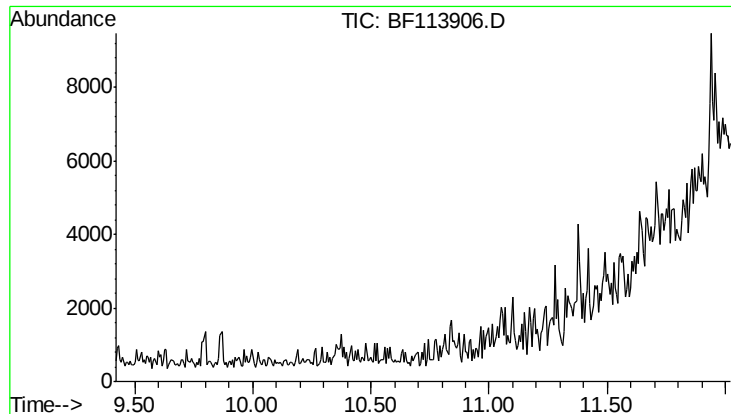
Tgt Ion	Exp Ratio
82	100
128	46.0
54	42.2



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.93 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

Tgt Ion	Exp Ratio
164	100
162	101.4
160	44.7





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

Instrument :

BNA_F

ClientSampleId :

PL-01-041819-E

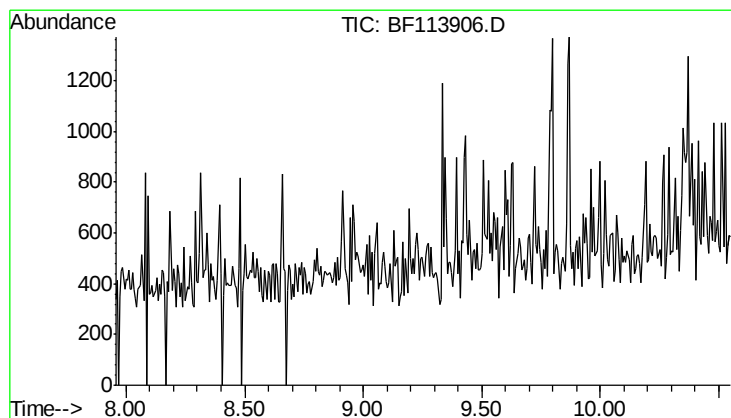
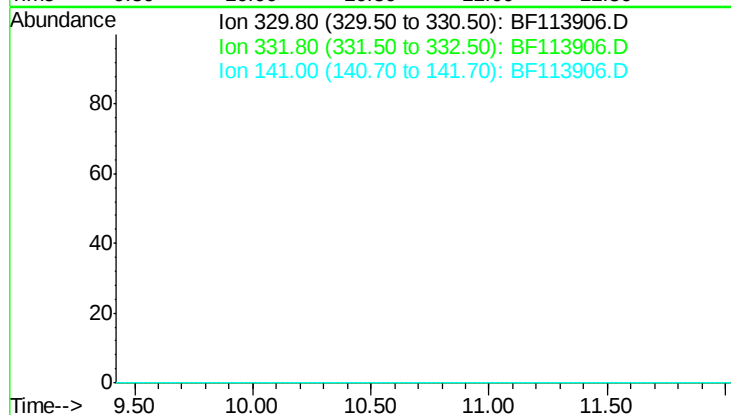
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.9

141 27.7



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.26 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

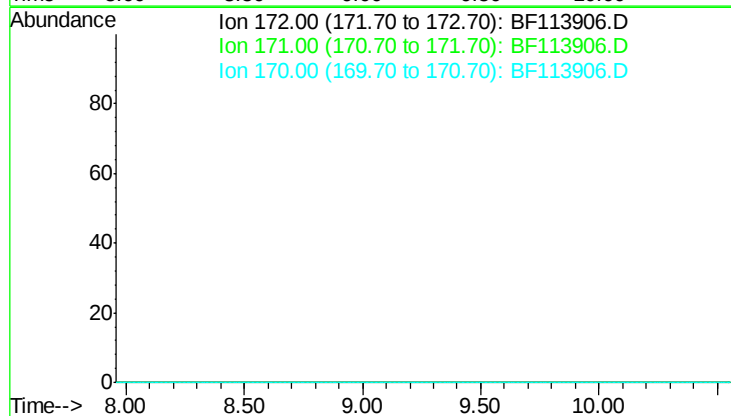
Tgt Ion: 172

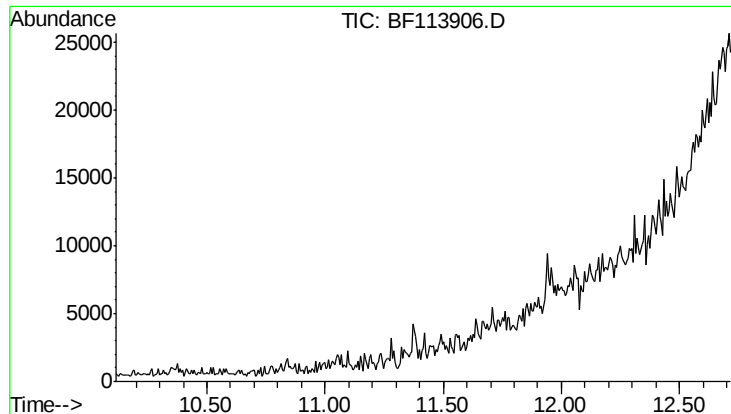
Sig Exp Ratio

172 100

171 36.7

170 24.9

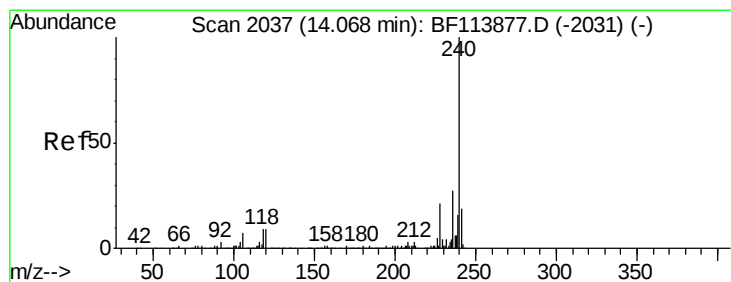
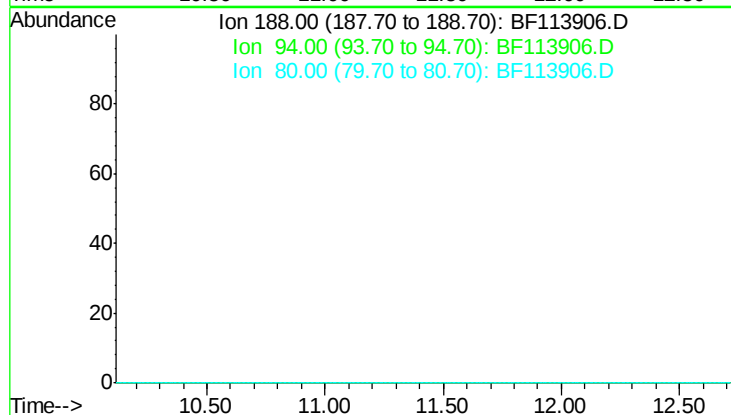




#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 11.42 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

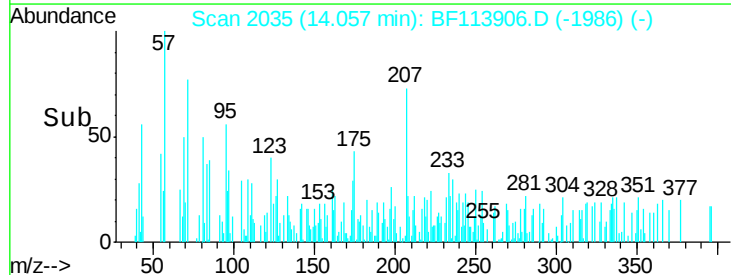
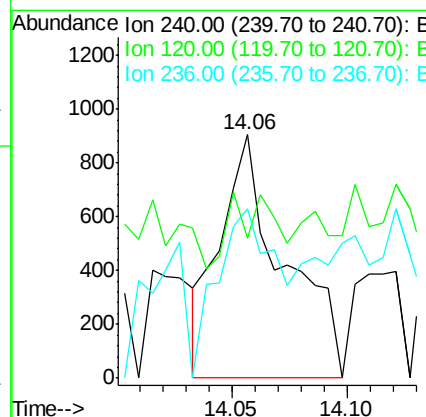
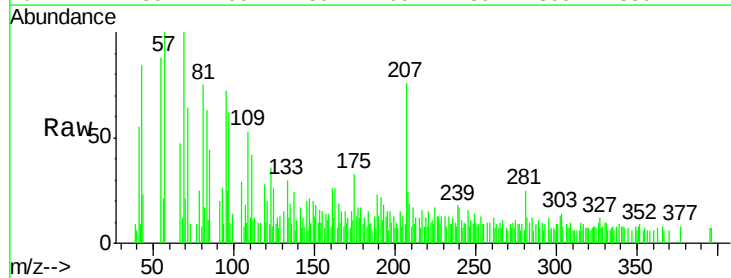
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-E

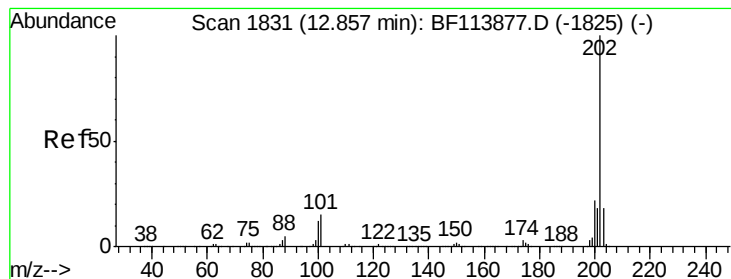
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 10.3
 80 11.3



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

Tgt Ion: 240 Resp: 1739
 Ion Ratio Lower Upper
 240 100
 120 57.6 9.3 13.9#
 236 69.8 21.2 31.8#





#78

Pyrene

Concen: 4.490 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

Instrument :

BNA_F

ClientSampleId :

PL-01-041819-E

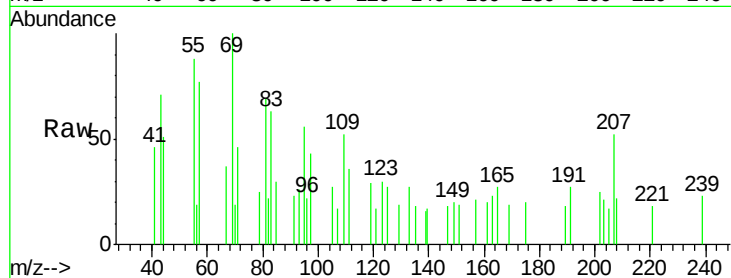
Tgt Ion: 202 Resp: 546

Ion Ratio Lower Upper

202 100

200 0.0 17.7 26.5#

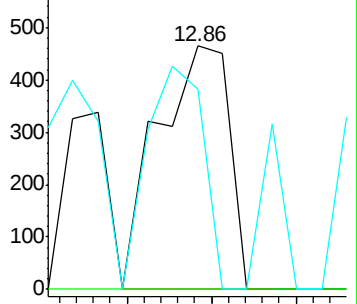
203 82.4 15.0 22.6#



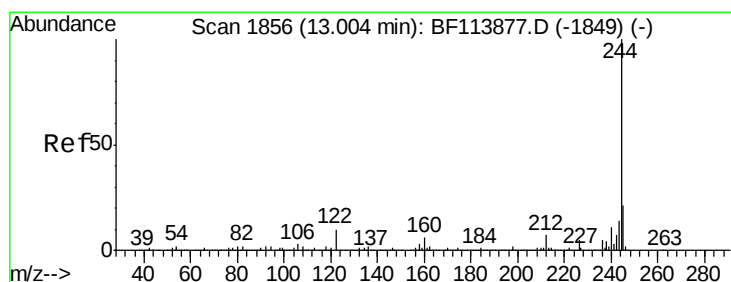
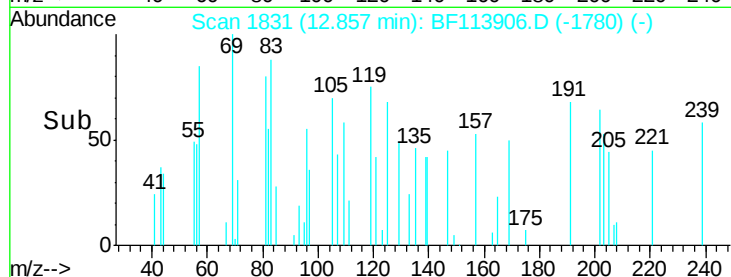
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 12.956 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

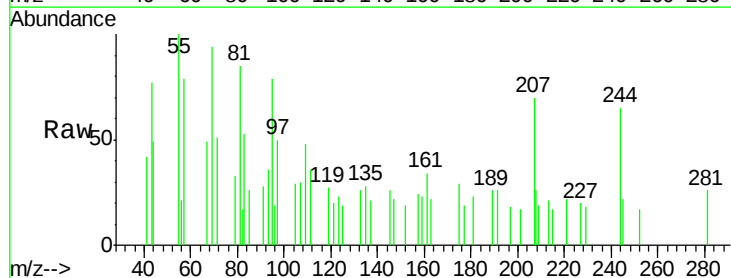
Tgt Ion: 244 Resp: 1099

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.2#

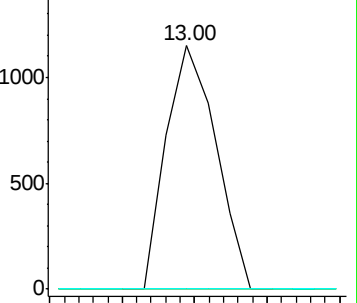
122 0.0 7.6 11.4#



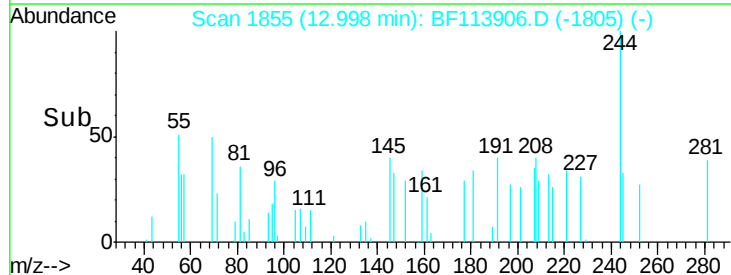
Abundance Ion 244.00 (243.70 to 244.70): E

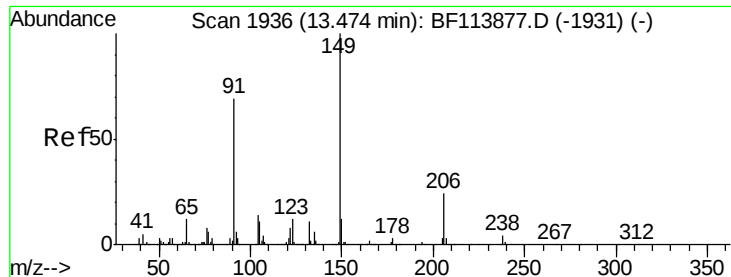
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#80

Butylbenzylphthalate

Concen: 4.870 ng

RT: 13.49 min Scan# 1939

Delta R.T. 0.02 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

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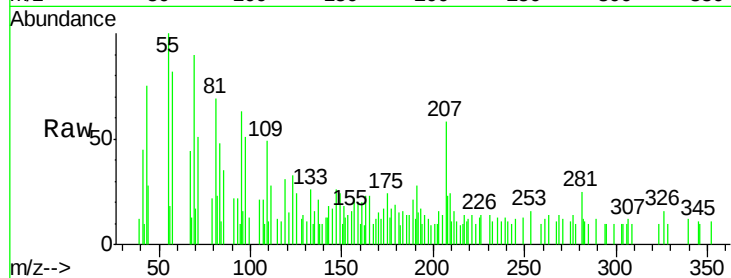
Tgt Ion:149 Resp: 233

Ion Ratio Lower Upper

149 100

91 93.9 56.3 84.5#

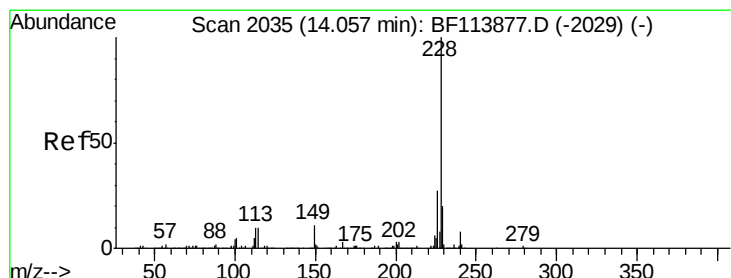
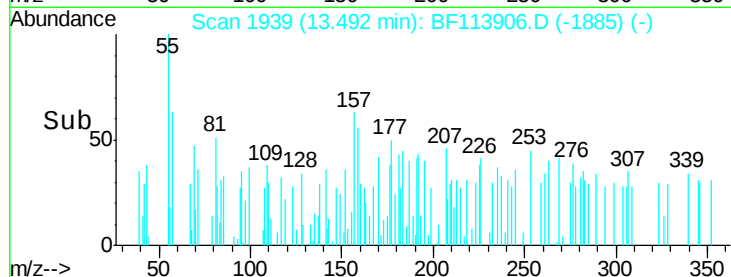
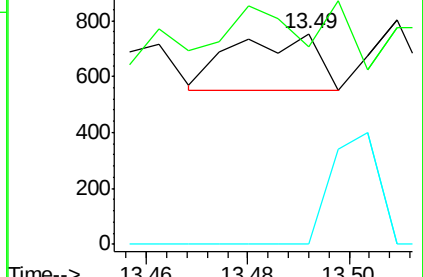
206 0.0 19.0 28.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 17.939 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

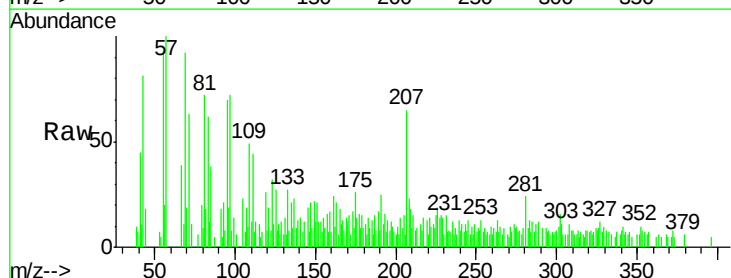
Tgt Ion:228 Resp: 1838

Ion Ratio Lower Upper

228 100

226 127.2 22.2 33.2#

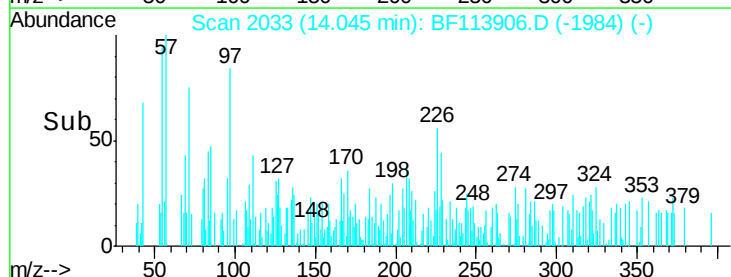
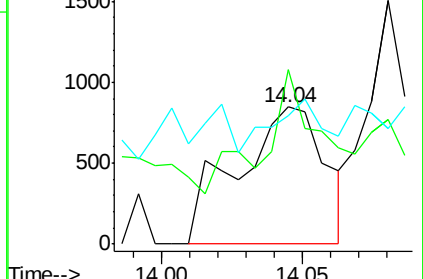
229 93.5 16.0 24.0#

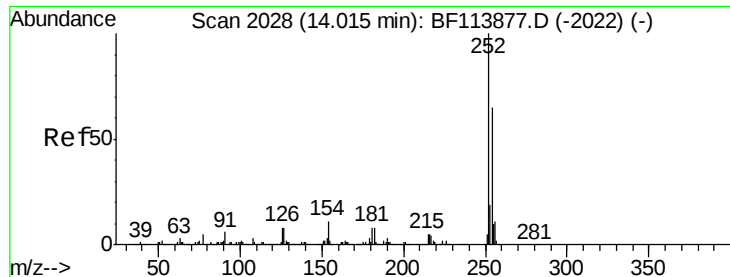


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

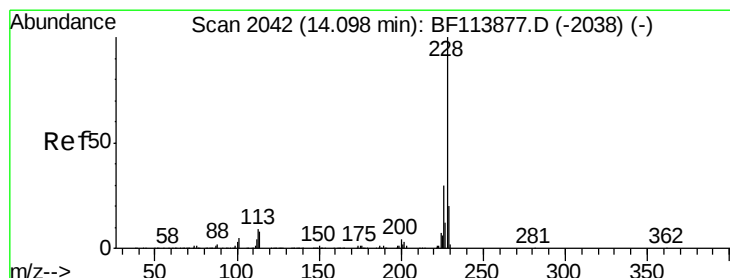
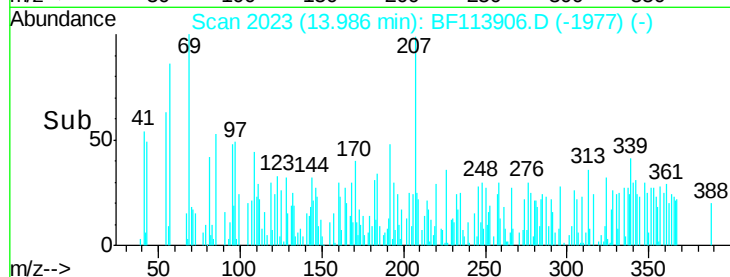
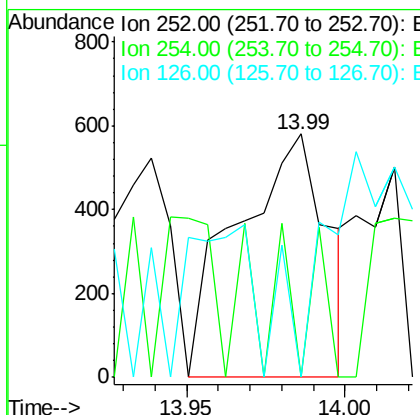
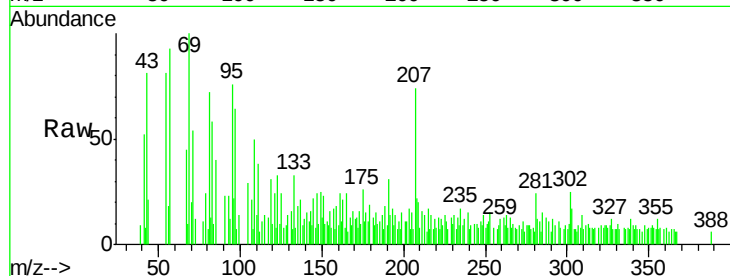




#82
 3,3'-Dichlorobenzidine
 Concen: 30.649 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.03 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

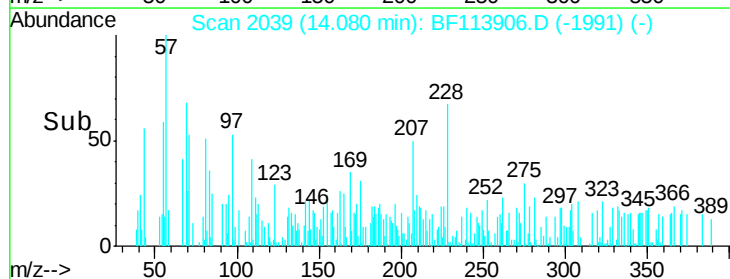
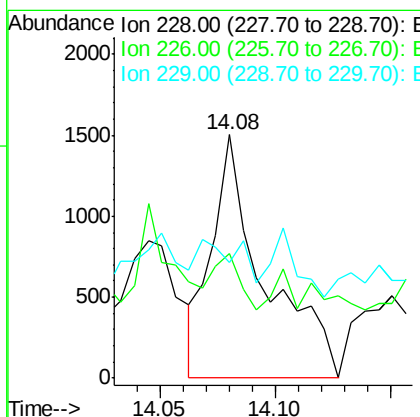
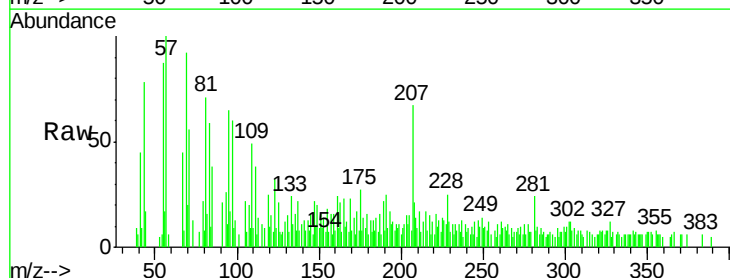
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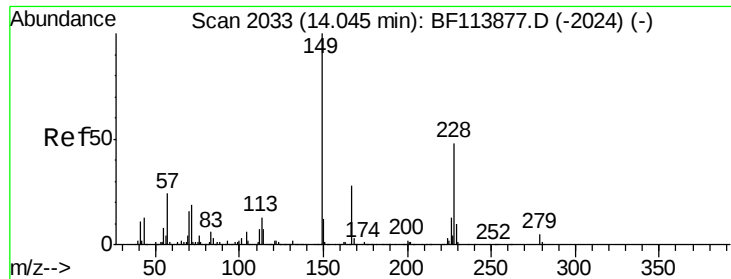
Tgt Ion: 252 Resp: 1151
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.1 78.1#
 126 0.0 9.3 13.9#



#83
 Chrysene
 Concen: 23.641 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.02 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

Tgt Ion: 228 Resp: 2359
 Ion Ratio Lower Upper
 228 100
 226 51.4 25.2 37.8#
 229 47.6 16.7 25.1#

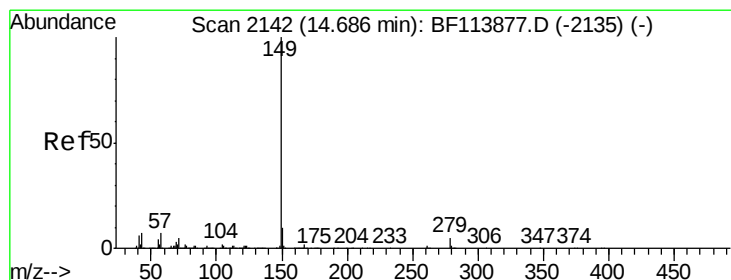
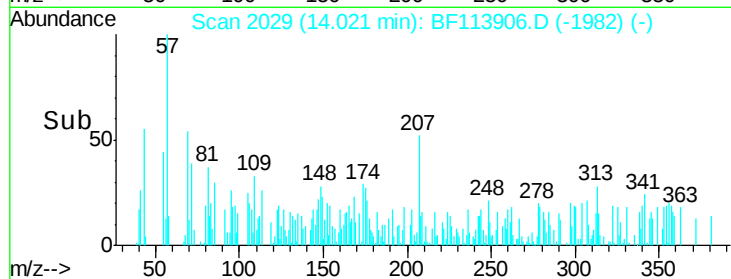
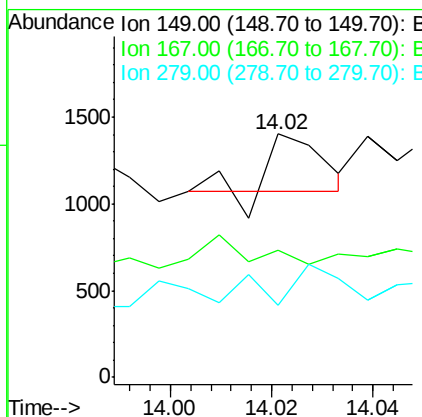
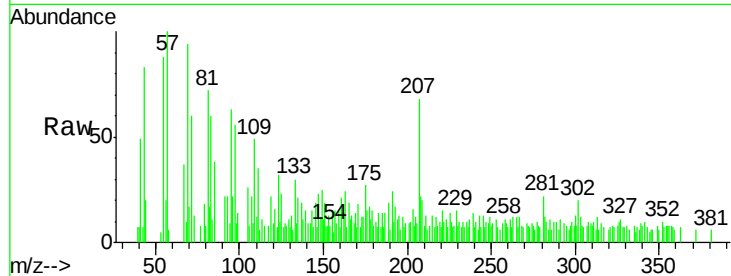




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.860 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

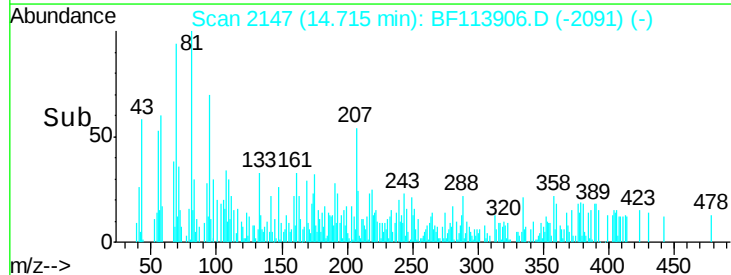
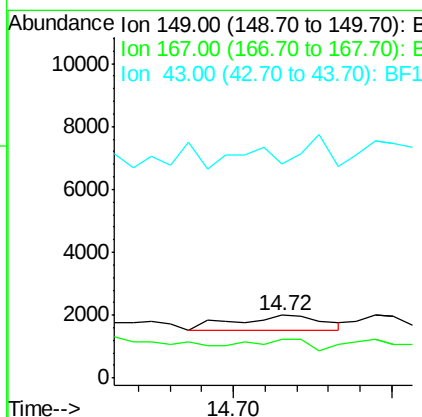
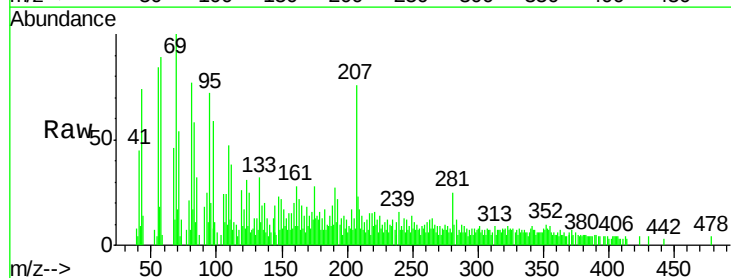
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 PL-01-041819-E

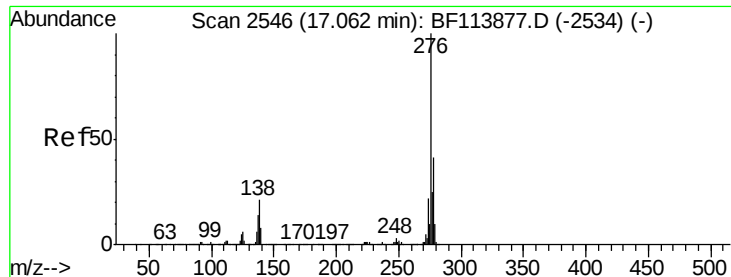
Tgt Ion:149 Resp: 235
 Ion Ratio Lower Upper
 149 100
 167 52.0 22.9 34.3#
 279 29.9 4.2 6.2#



#85
 Di-n-octyl phthalate
 Concen: 9.907 ng
 RT: 14.72 min Scan# 2147
 Delta R.T. 0.03 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

Tgt Ion:149 Resp: 944
 Ion Ratio Lower Upper
 149 100
 167 44.2 1.3 1.9#
 43 0.0 6.6 10.0#

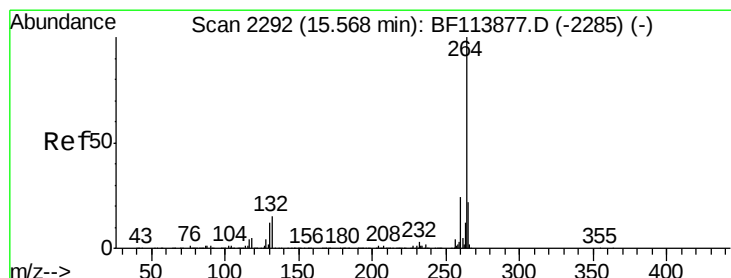
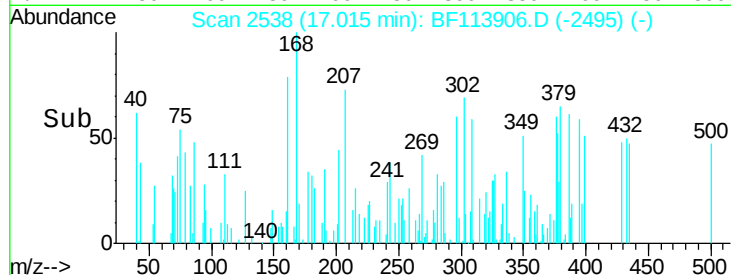
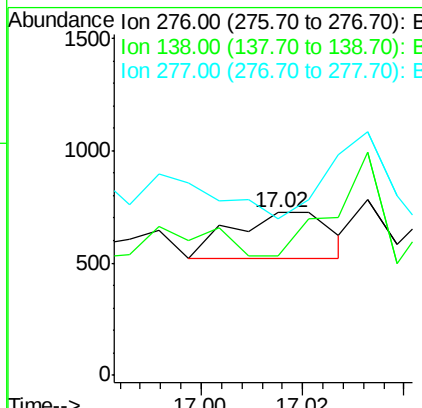
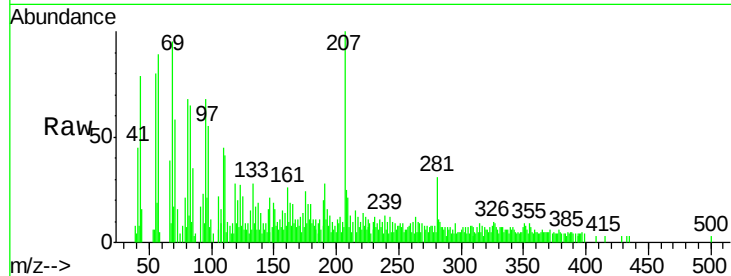




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.931 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. -0.05 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

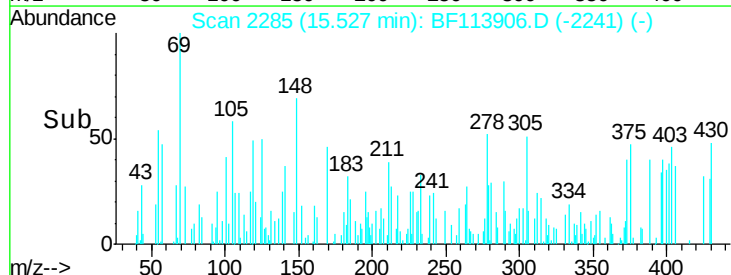
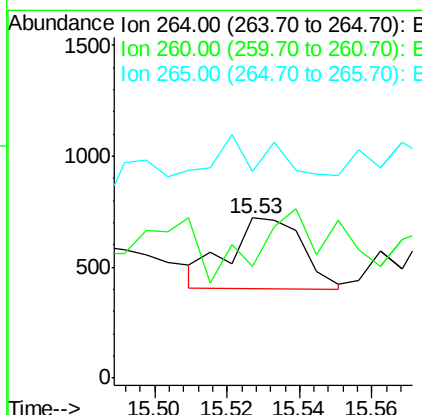
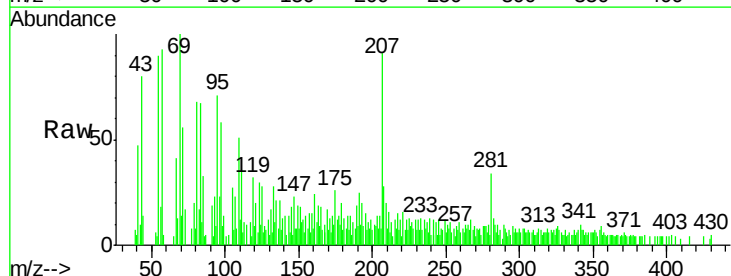
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-041819-E

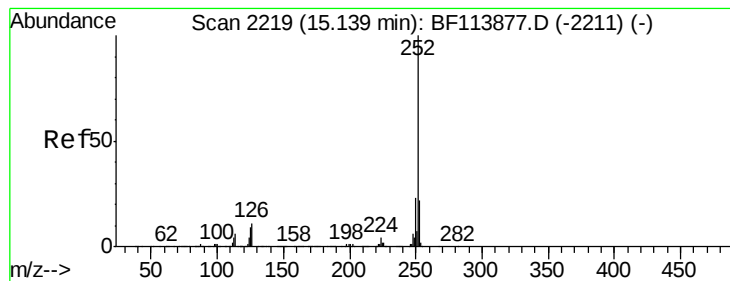
Tgt Ion: 276 Resp: 277
 Ion Ratio Lower Upper
 276 100
 138 134.3 19.6 29.4#
 277 151.6 20.2 30.4#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: BF113906.D
 Acq: 23 Apr 2019 3:58

Tgt Ion: 264 Resp: 452
 Ion Ratio Lower Upper
 264 100
 260 69.8 18.9 28.3#
 265 129.2 17.3 25.9#





#88

Benzo(b)fluoranthene

Concen: 26.401 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.04 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

Instrument :

BNA_F

ClientSampleId :

PL-01-041819-E

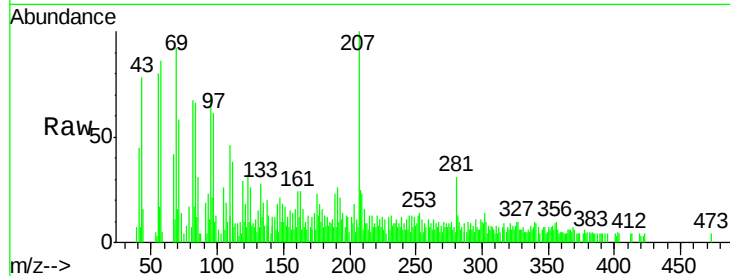
Tgt Ion:252 Resp: 755

Ion Ratio Lower Upper

252 100

253 106.9 17.8 26.6#

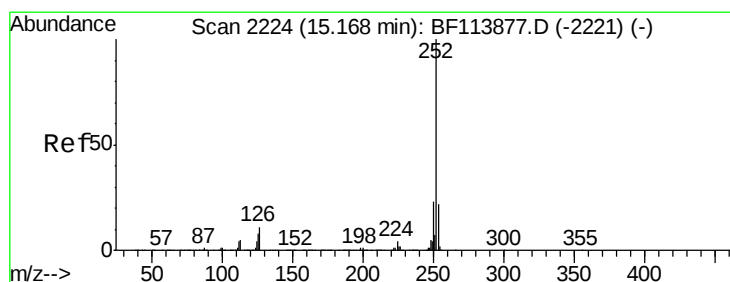
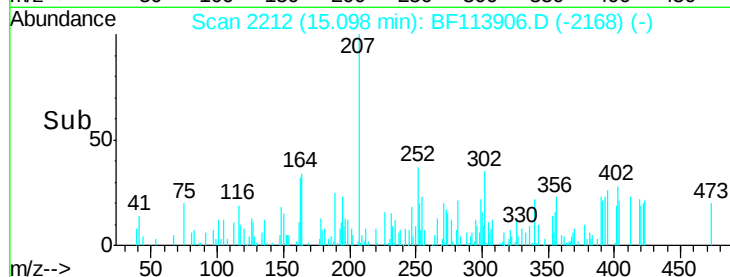
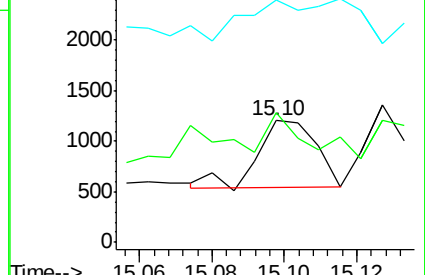
125 198.5 7.0 10.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 34.026 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.04 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

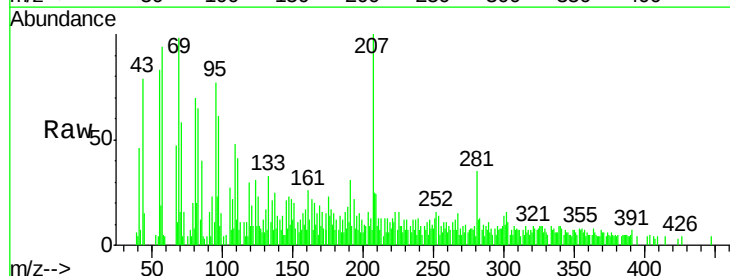
Tgt Ion:252 Resp: 837

Ion Ratio Lower Upper

252 100

253 89.1 18.2 27.2#

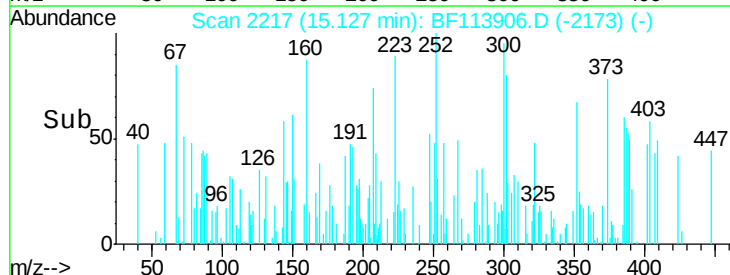
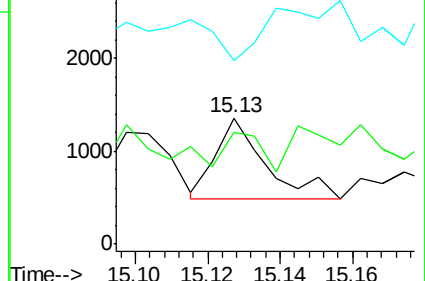
125 145.2 7.4 11.2#

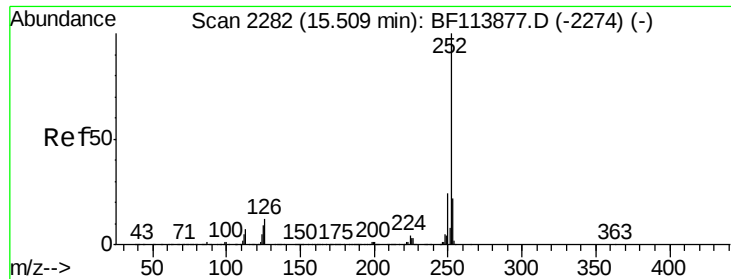


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 18.111 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

Instrument :

BNA_F

ClientSampleId :

PL-01-041819-E

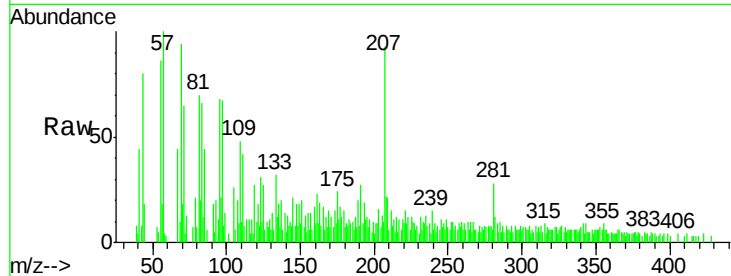
Tgt Ion:252 Resp: 448

Ion Ratio Lower Upper

252 100

253 105.9 17.5 26.3#

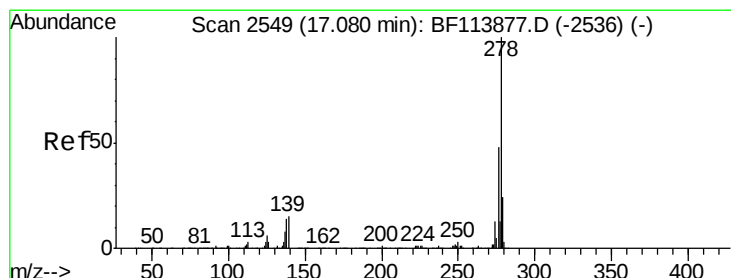
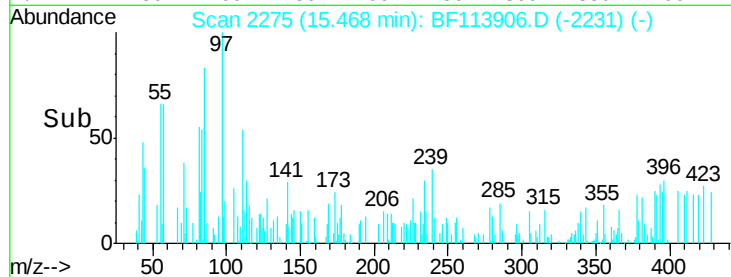
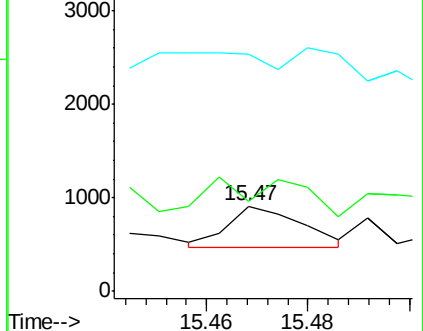
125 279.1 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 13.652 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.04 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

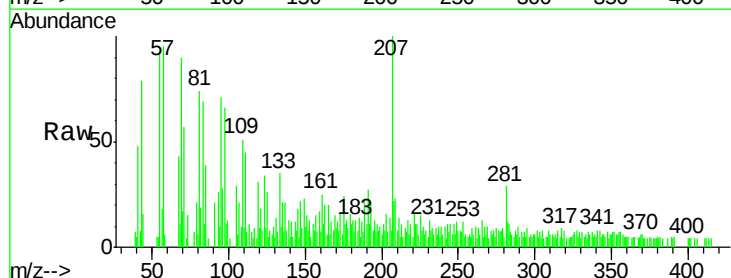
Tgt Ion:278 Resp: 317

Ion Ratio Lower Upper

278 100

139 165.0 11.6 17.4#

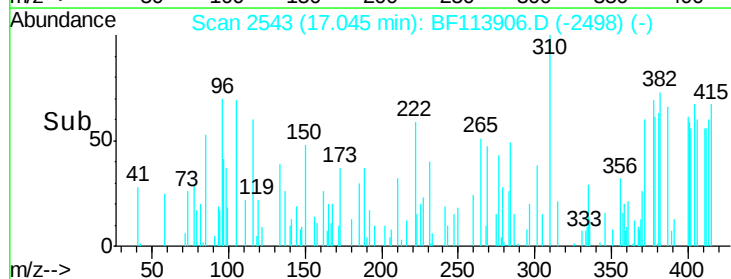
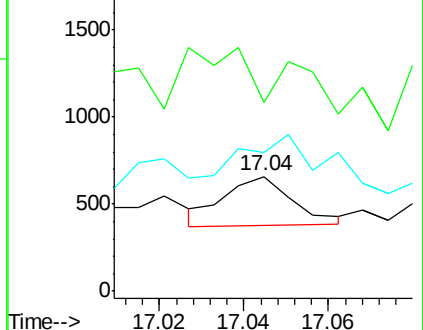
279 121.0 19.0 28.6#

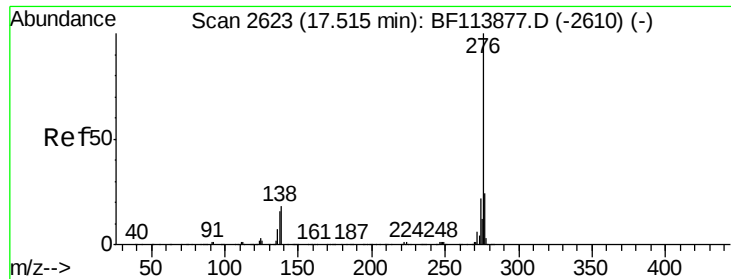


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 22.831 ng

RT: 17.46 min Scan# 2613

Delta R.T. -0.06 min

Lab File: BF113906.D

Acq: 23 Apr 2019 3:58

Instrument :

BNA_F

ClientSampleId :

PL-01-041819-E

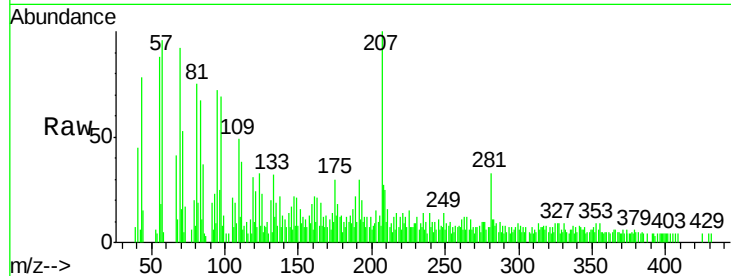
Tgt Ion: 276 Resp: 535

Ion Ratio Lower Upper

276 100

277 103.9 19.0 28.4#

138 77.8 16.6 25.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

