

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113135.D
 Acq On : 19 Mar 2019 19:43
 Operator : JU/SJ
 Sample : K1935-06 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(11-12)

Quant Time: Mar 20 02:29:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

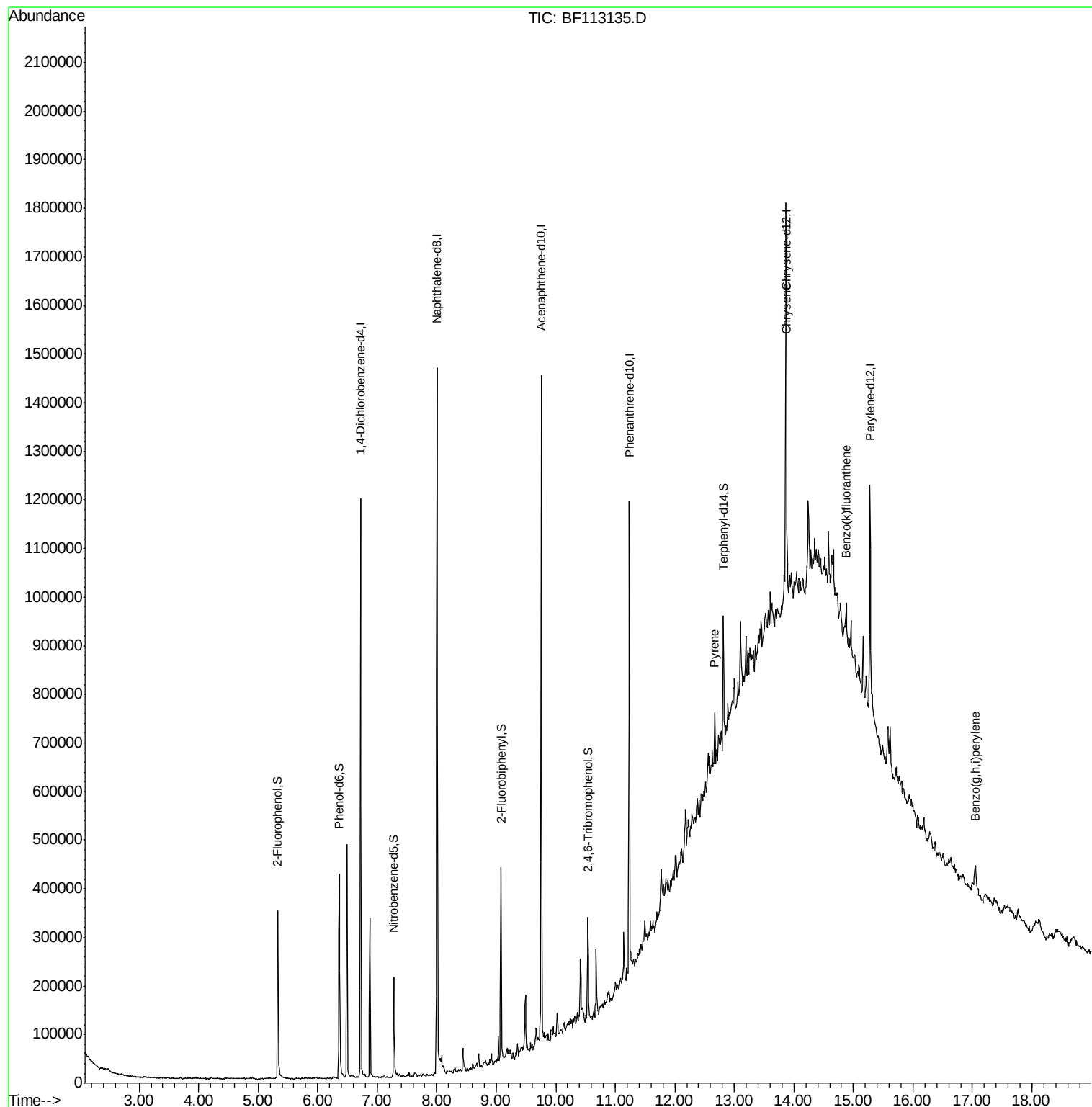
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	179386	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	677877	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	282881	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	372701	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	278244	20.00	ng	0.00
87) Perylene-d12	15.28	264	221825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	116554	10.11	ng	-0.01
7) Phenol-d6	6.36	99	159068	10.98	ng	-0.01
23) Nitrobenzene-d5	7.28	82	76371	6.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	28487	9.49	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	150922	5.78	ng	-0.01
79) Terphenyl-d14	12.82	244	82752	5.77	ng	0.00
Target Compounds						
78) Pyrene	12.67	202	55475	2.365	ng	Qvalue # 92
83) Chrysene	13.88	228	45379m	2.402	ng	
89) Benzo(k)fluoranthene	14.88	252	27820	2.141	ng	# 55
92) Benzo(g,h,i)perylene	17.04	276	32925	3.028	ng	# 92

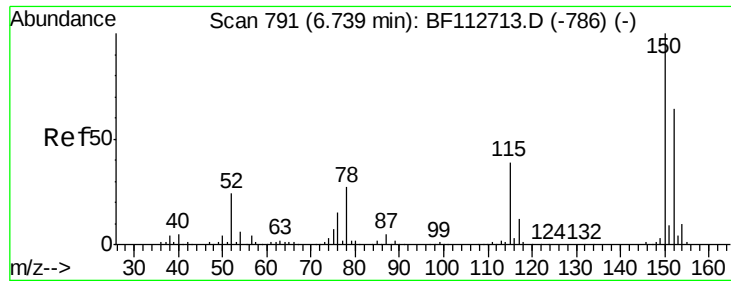
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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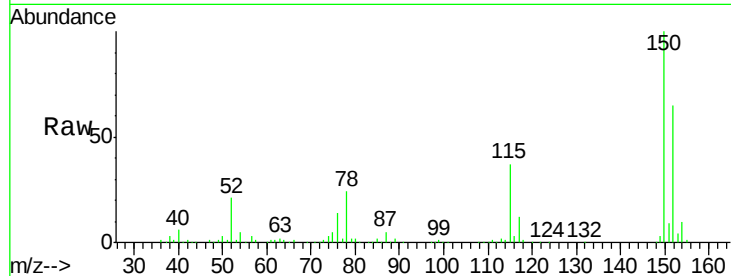


#1

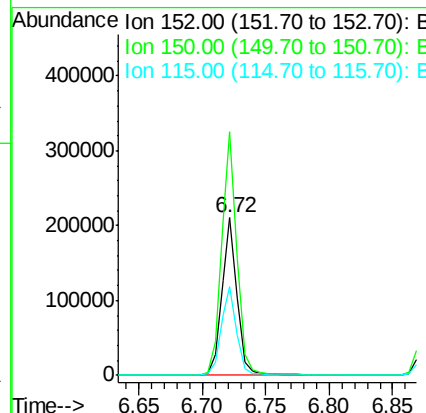
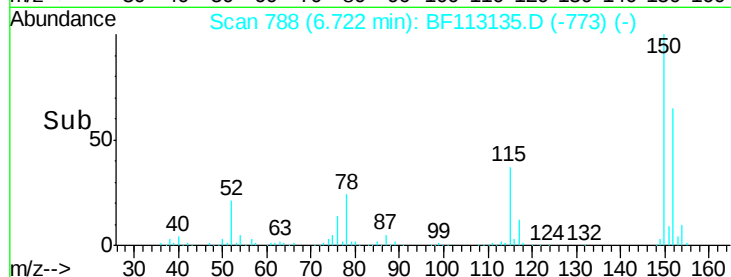
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113135.D
Acq: 19 Mar 2019 19:43

Instrument :
BNA_F
ClientSampleId :
SB-18(11-12)

Tgt Ion:152 Resp: 179386
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 56.6 48.2 72.4



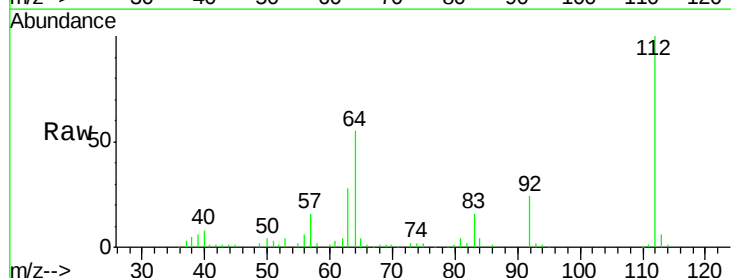
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



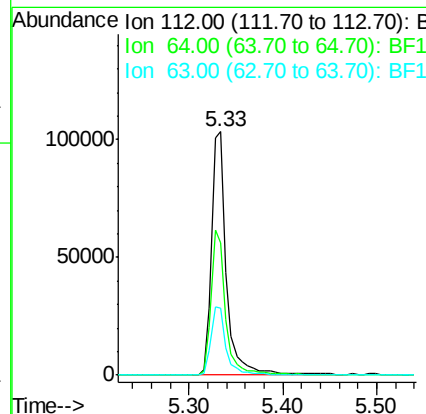
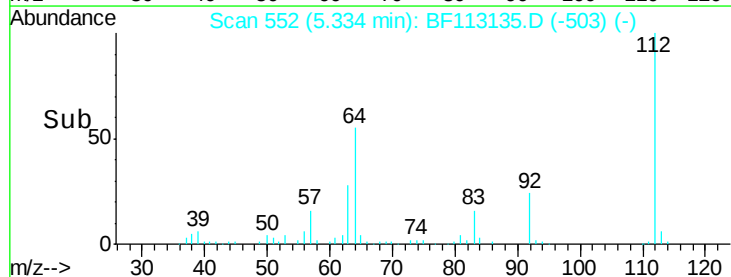
#5

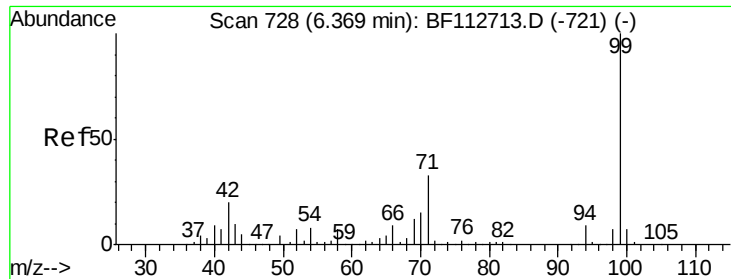
2-Fluorophenol
Concen: 10.107 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113135.D
Acq: 19 Mar 2019 19:43

Tgt Ion:112 Resp: 116554
Ion Ratio Lower Upper
112 100
64 54.5 47.6 71.4
63 27.5 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 10.981 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113135.D

Acq: 19 Mar 2019 19:43

Instrument :

BNA_F

ClientSampleId :

SB-18(11-12)

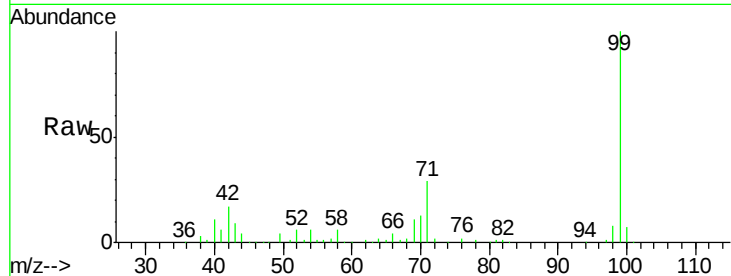
Tgt Ion: 99 Resp: 159068

Ion Ratio Lower Upper

99 100

42 16.7 16.3 24.5

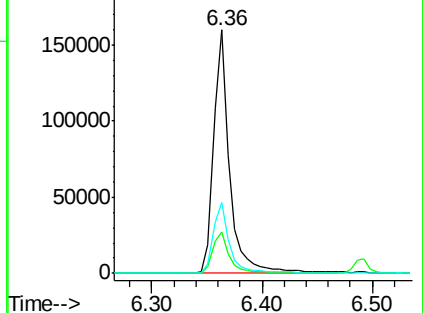
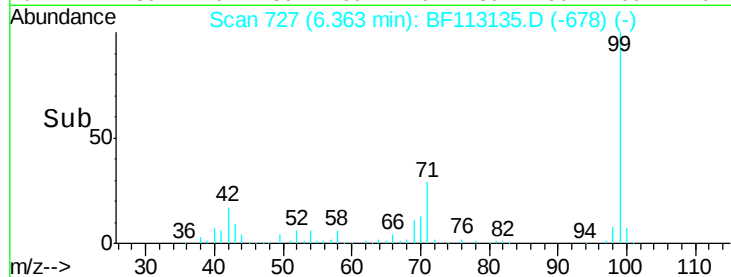
71 29.2 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113135.D

Acq: 19 Mar 2019 19:43

Tgt Ion: 136 Resp: 677877

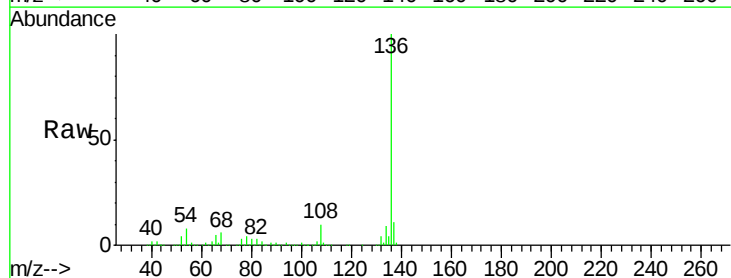
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.8 7.3 10.9

68 5.7 5.4 8.2

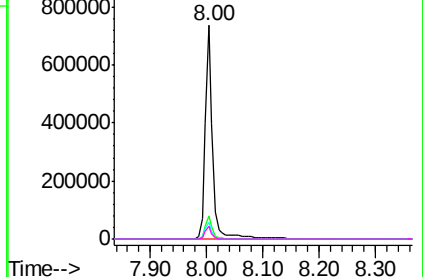
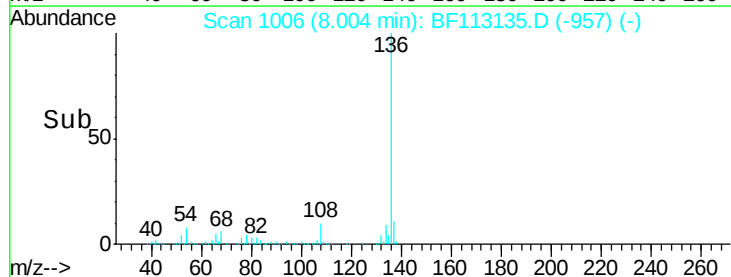


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

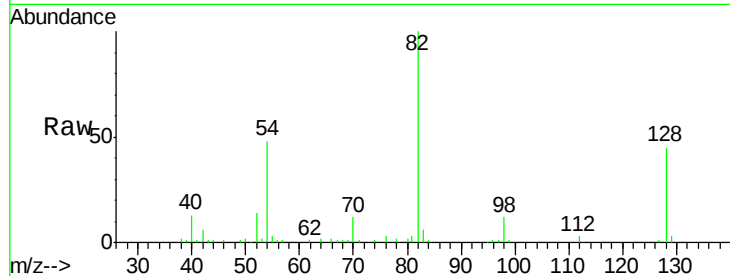




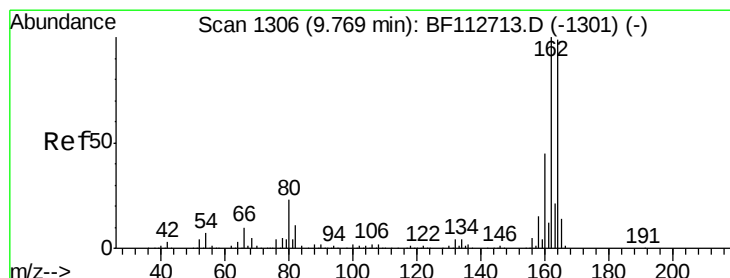
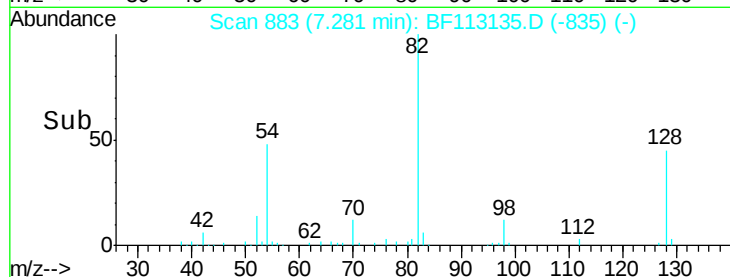
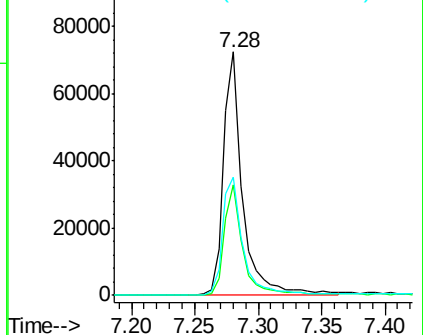
#23
 Nitrobenzene-d5
 Concen: 6.741 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113135.D
 Acq: 19 Mar 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(11-12)

Tgt Ion: 82 Resp: 76371
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.3 54.5
 54 48.4 43.7 65.5

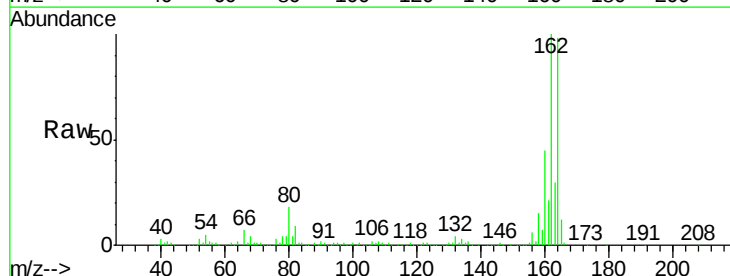


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

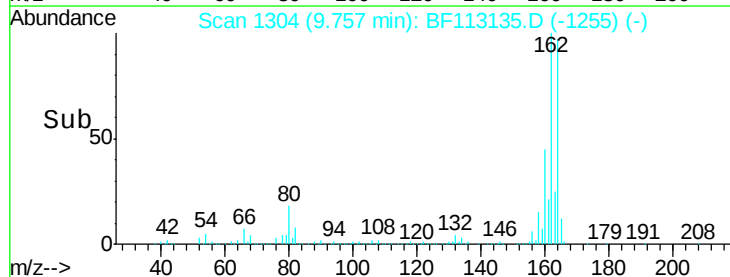
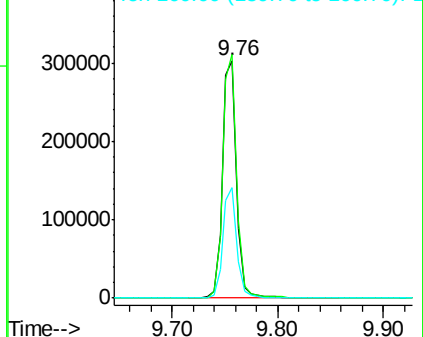


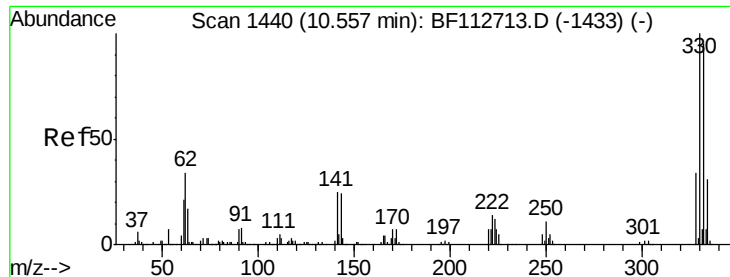
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113135.D
 Acq: 19 Mar 2019 19:43

Tgt Ion: 164 Resp: 282881
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.6 120.8
 160 46.6 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 9.486 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113135.D

Acq: 19 Mar 2019 19:43

Instrument :

BNA_F

ClientSampleId :

SB-18(11-12)

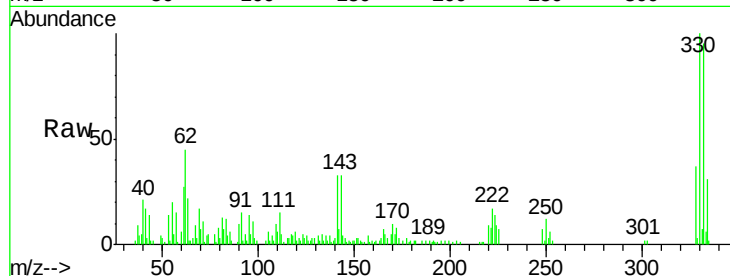
Tgt Ion:330 Resp: 28487

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

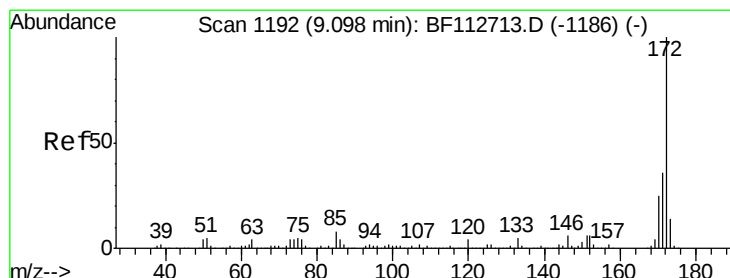
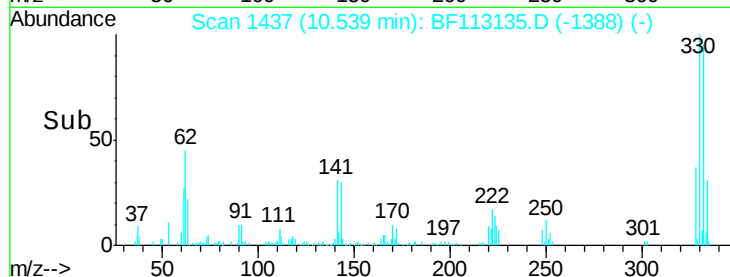
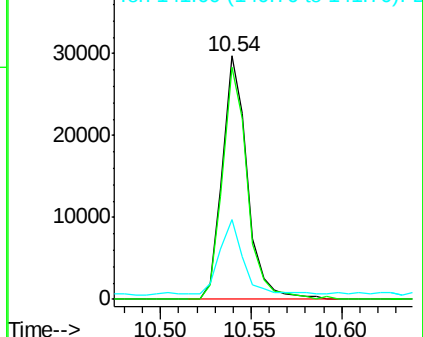
141 29.0 27.0 40.6



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



#45

2-Fluorobiphenyl

Concen: 5.785 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113135.D

Acq: 19 Mar 2019 19:43

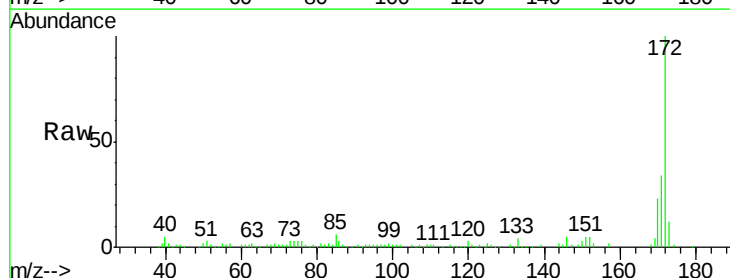
Tgt Ion:172 Resp: 150922

Ion Ratio Lower Upper

172 100

171 34.2 29.0 43.4

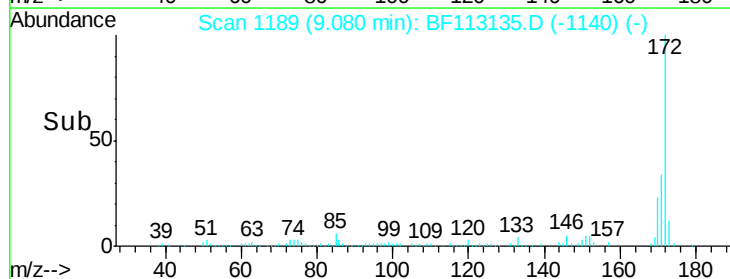
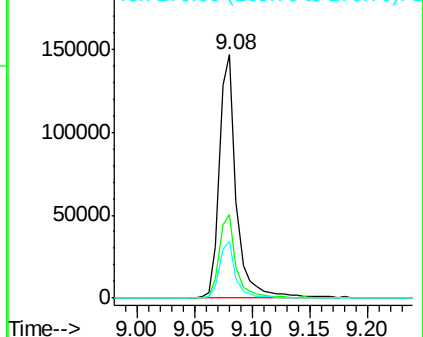
170 23.2 20.0 30.0

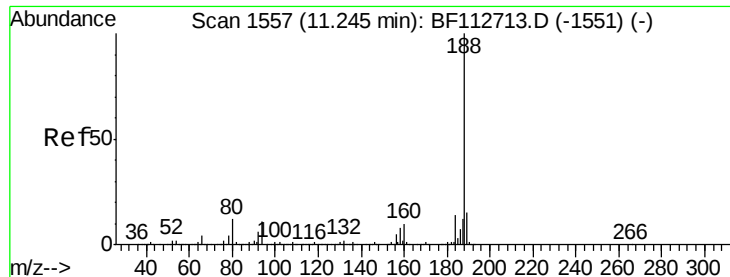


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

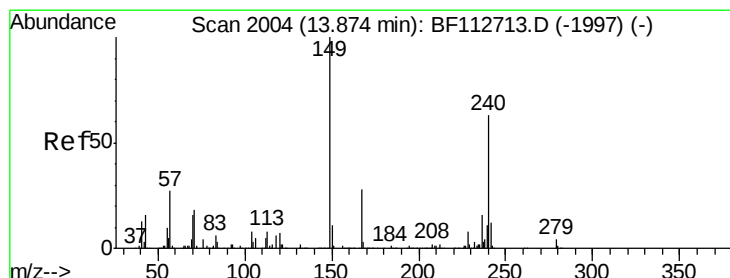
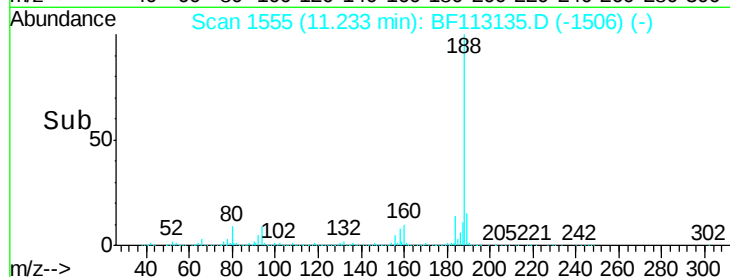
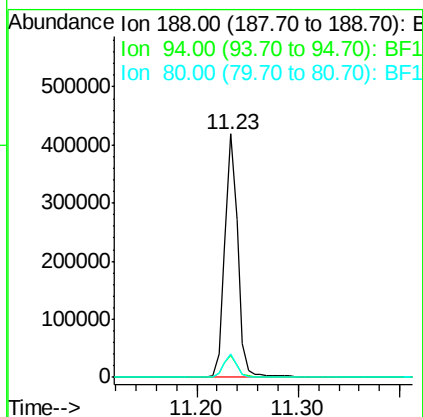
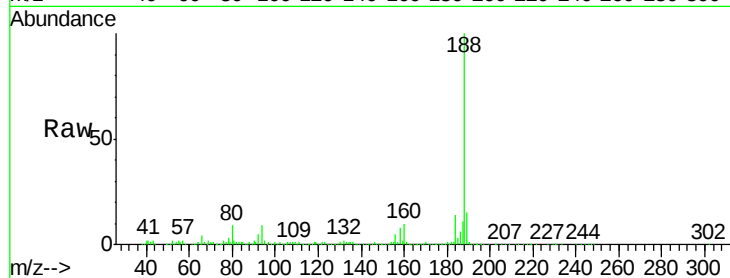




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113135.D
Acq: 19 Mar 2019 19:43

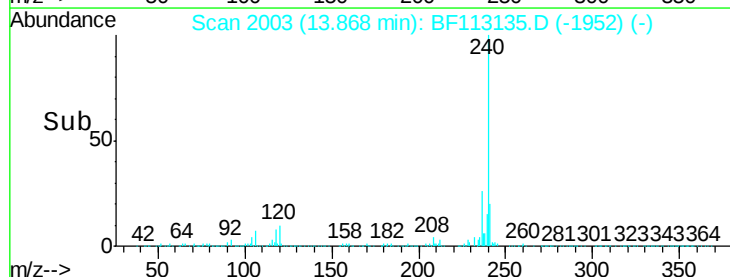
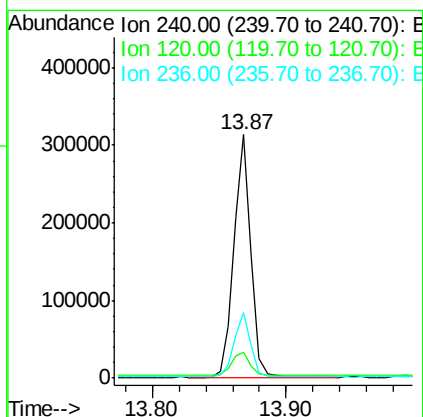
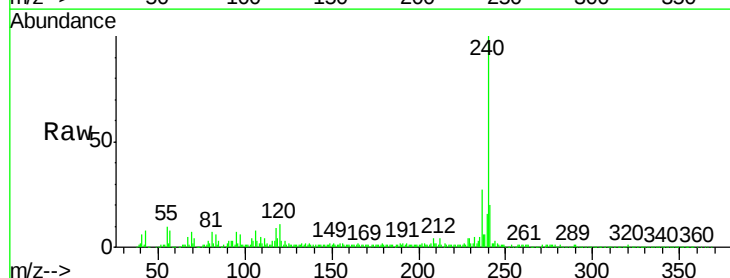
Instrument :
BNA_F
ClientSampled :
SB-18(11-12)

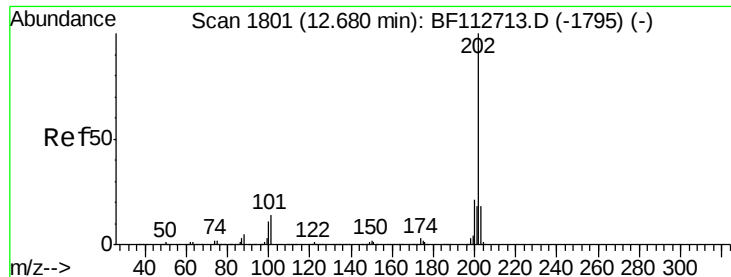
Tgt Ion:188 Resp: 372701
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.4 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113135.D
Acq: 19 Mar 2019 19:43

Tgt Ion:240 Resp: 278244
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.9 20.7 31.1





#78

Pyrene

Concen: 2.365 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF113135.D

Acq: 19 Mar 2019 19:43

Instrument :

BNA_F

ClientSampleId :

SB-18(11-12)

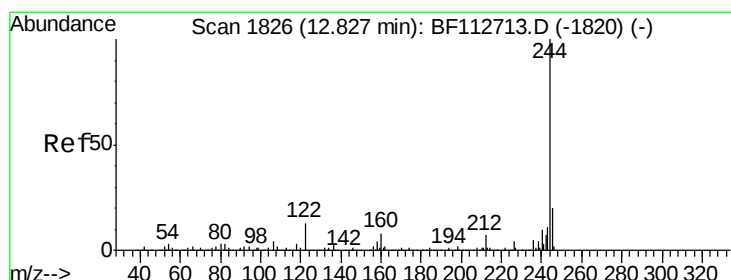
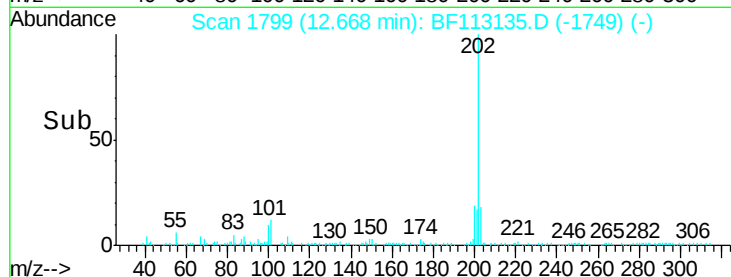
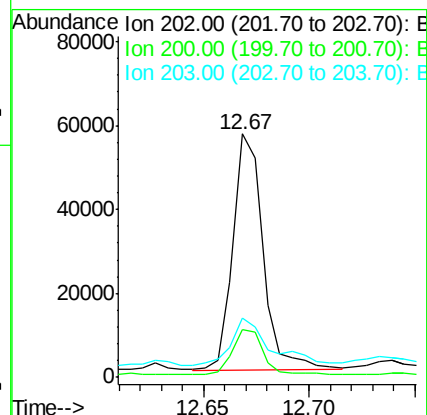
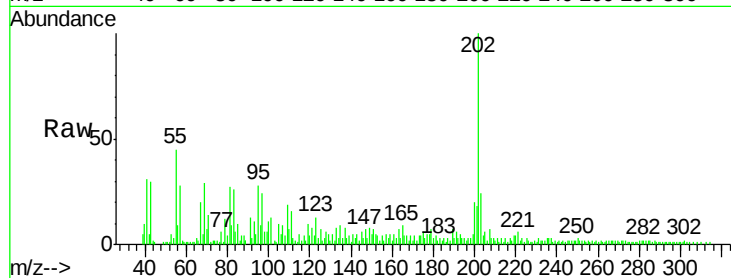
Tgt Ion:202 Resp: 55475

Ion Ratio Lower Upper

202 100

200 19.6 17.0 25.4

203 24.2 14.4 21.6#



#79

Terphenyl-d14

Concen: 5.765 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113135.D

Acq: 19 Mar 2019 19:43

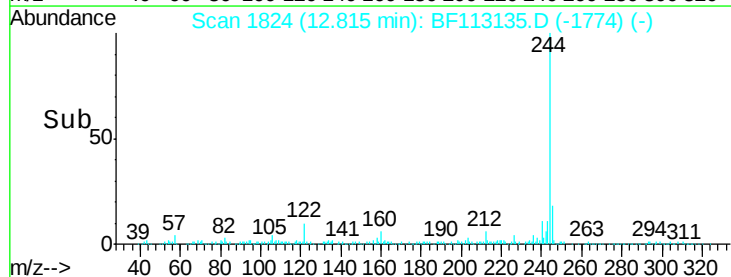
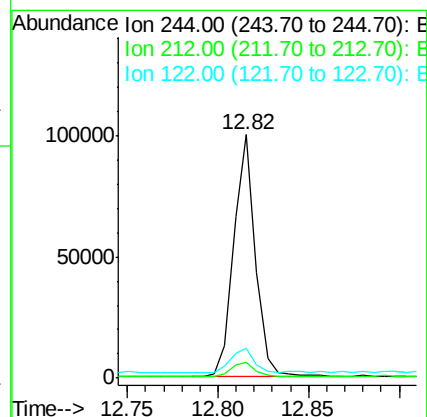
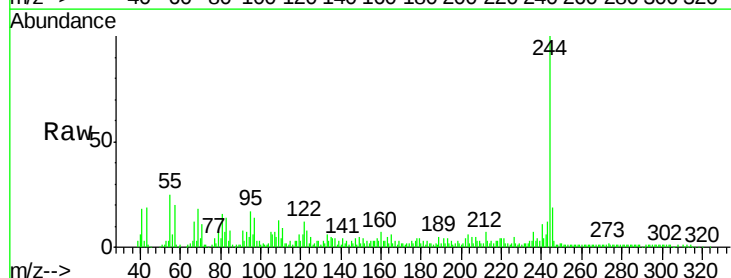
Tgt Ion:244 Resp: 82752

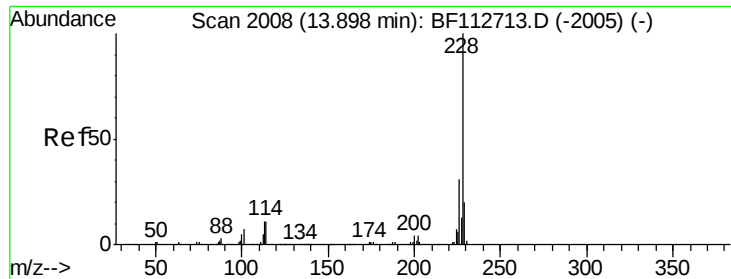
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 12.2 10.5 15.7





#83

Chrysene

Concen: 2.402 ng m

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF113135.D

Acq: 19 Mar 2019 19:43

Instrument :

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ClientSampleId :

SB-18(11-12)

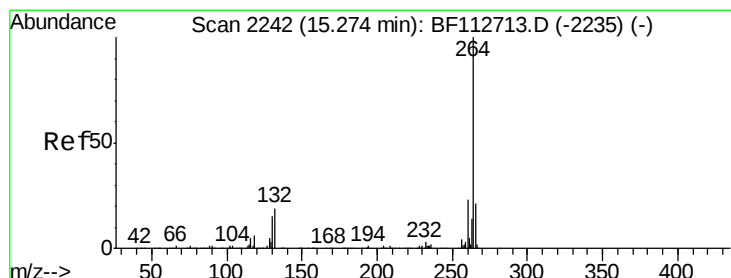
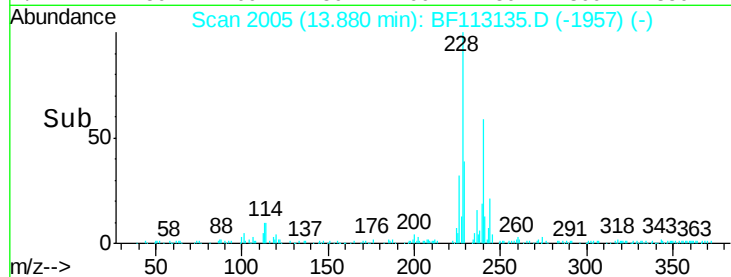
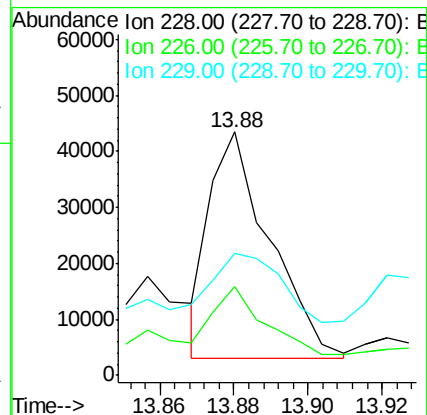
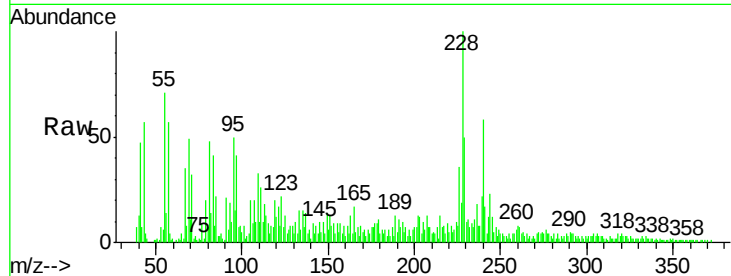
Tgt Ion:228 Resp: 45379

Ion Ratio Lower Upper

228 100

226 36.2 24.9 37.3

229 50.1 16.3 24.5#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113135.D

Acq: 19 Mar 2019 19:43

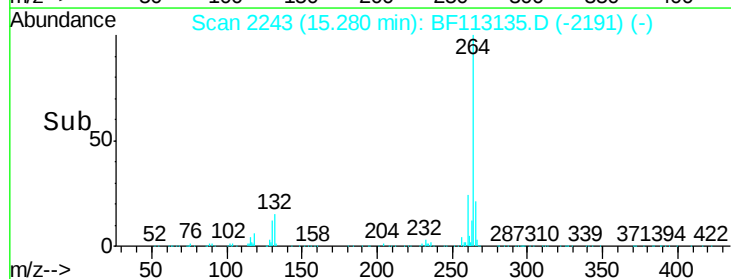
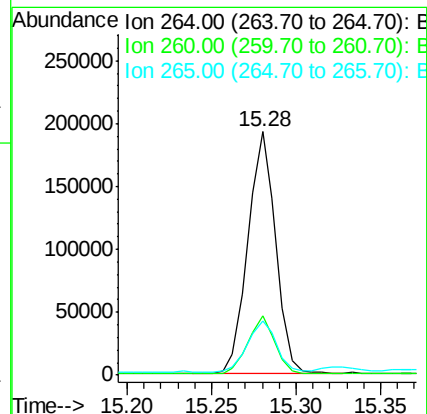
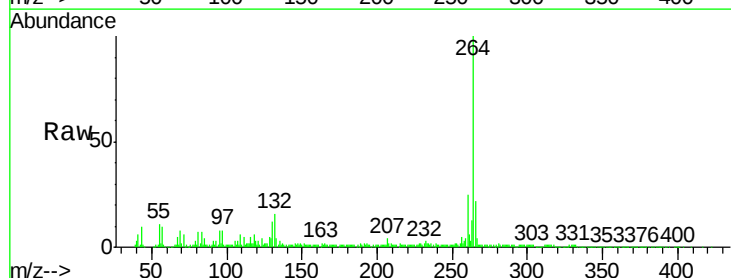
Tgt Ion:264 Resp: 221825

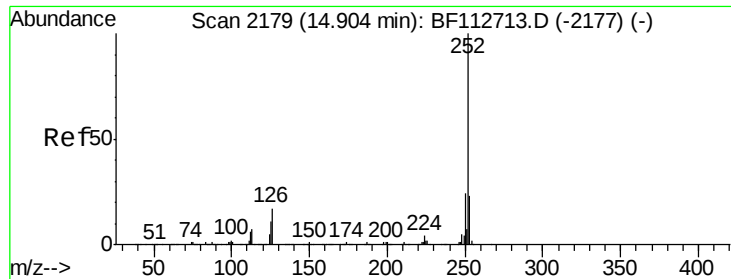
Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 22.2 17.2 25.8





#89

Benzo(k)fluoranthene

Concen: 2.141 ng

RT: 14.88 min Scan# 2175

Delta R.T. -0.02 min

Lab File: BF113135.D

Acq: 19 Mar 2019 19:43

Instrument :

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SB-18(11-12)

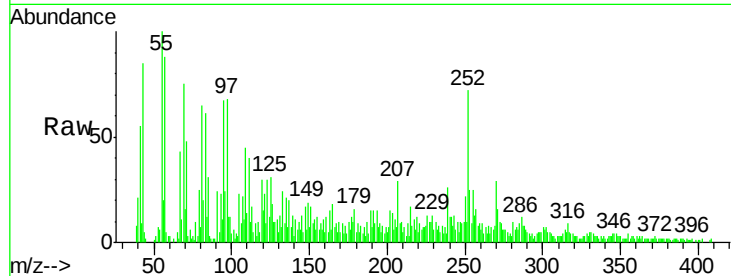
Tgt Ion:252 Resp: 27820

Ion Ratio Lower Upper

252 100

253 35.3 18.2 27.2#

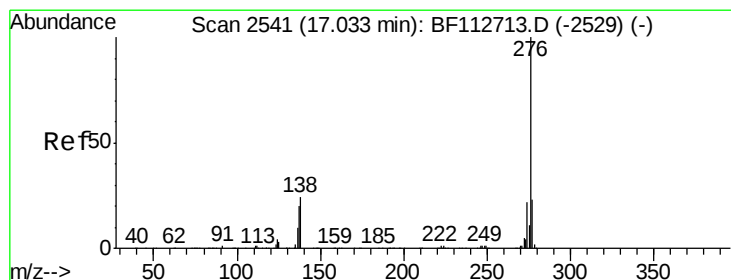
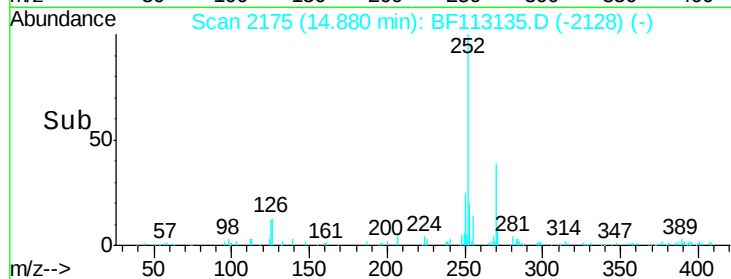
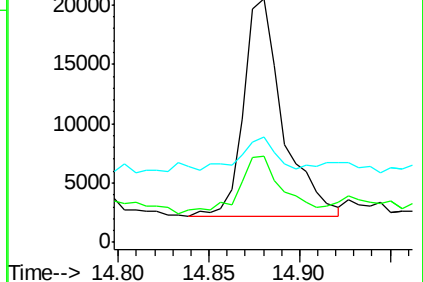
125 43.5 9.8 14.6#



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



#92

Benzo(g,h,i)perylene

Concen: 3.028 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BF113135.D

Acq: 19 Mar 2019 19:43

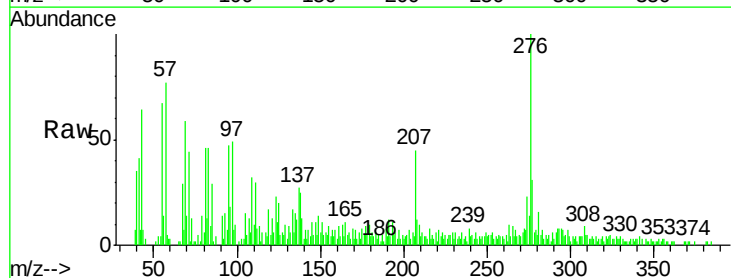
Tgt Ion:276 Resp: 32925

Ion Ratio Lower Upper

276 100

277 30.7 18.6 27.8#

138 25.1 19.4 29.0



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

