

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
 Data File : BF110320.D
 Acq On : 30 Oct 2018 23:00
 Operator : JU/SJ
 Sample : J5685-01RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-25RE

Quant Time: Oct 31 04:35:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	72094	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	258942	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	98966	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	170456	20.00	ng	0.00
76) Chrysene-d12	14.16	240	165216	20.00	ng	0.00
87) Perylene-d12	15.70	264	115826	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	421538	95.22	ng	0.00
7) Phenol-d6	6.59	99	499896	88.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	307502	70.44	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	91020	92.85	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	524384	83.20	ng	0.00
79) Terphenyl-d14	13.09	244	469383	59.09	ng	0.00

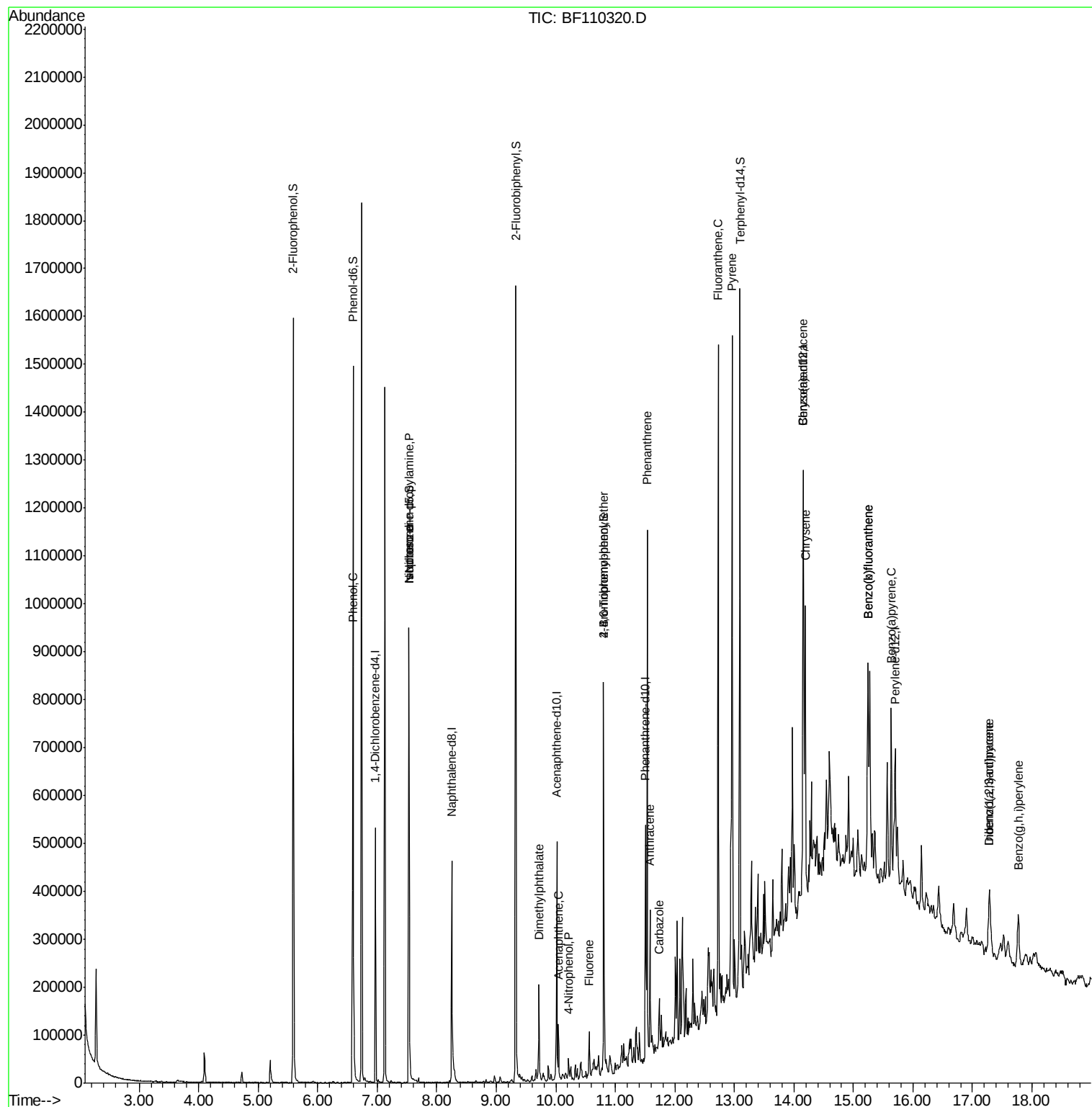
Target Compounds				Qvalue		
9) Benzaldehyde	6.59	77	1257	Below Cal	#	1
10) Phenol	6.60	94	36265	5.991 ng	#	65
19) n-Nitroso-di-n-propylamine	7.53	70	41397	11.395 ng	#	77
25) Isophorone	7.53	82	307500	41.321 ng	#	67
50) Dimethylphthalate	9.72	163	78538	10.751 ng		99
52) Acenaphthene	10.05	154	22599	3.603 ng		99
56) 4-Nitrophenol	10.22	139	7387	5.334 ng	#	11
58) Fluorene	10.56	166	25163	3.850 ng		98
67) 4-Bromophenyl-phenylether	10.81	248	5993	3.241 ng	#	1
71) Phenanthrene	11.53	178	368606	41.328 ng		99
72) Anthracene	11.59	178	111414	12.463 ng		98
73) Carbazole	11.74	167	33040	3.785 ng		96
75) Fluoranthene	12.73	202	579812	64.055 ng		98
77) Benzidine	12.76	184	352	Below Cal	#	1
78) Pyrene	12.96	202	551934	46.598 ng		99
81) Benzo(a)anthracene	14.15	228	291921	29.795 ng		97
83) Chrysene	14.19	228	250019	26.867 ng		97
86) Indeno(1,2,3-cd)pyrene	17.29	276	92052	11.924 ng		96
88) Benzo(b)fluoranthene	15.24	252	328859	49.168 ng		94
89) Benzo(k)fluoranthene	15.24	252	328859	50.013 ng	#	93
90) Benzo(a)pyrene	15.63	252	174631	28.374 ng	#	97
91) Dibenzo(a,h)anthracene	17.29	278	24291	4.574 ng	#	76
92) Benzo(g,h,i)perylene	17.77	276	93347	17.838 ng		97

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

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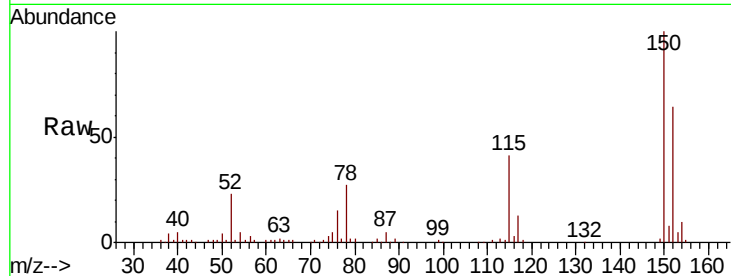




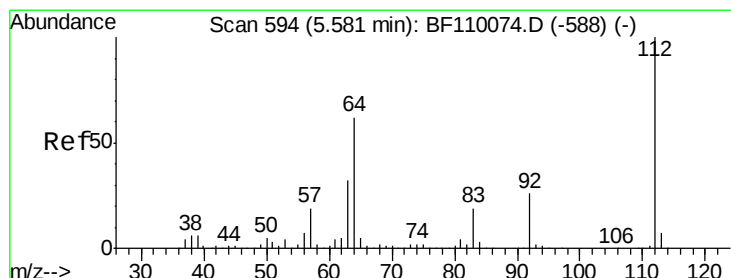
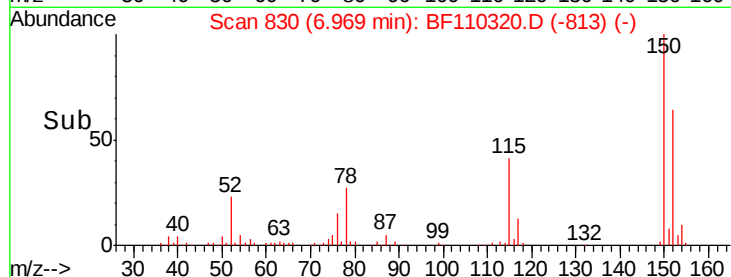
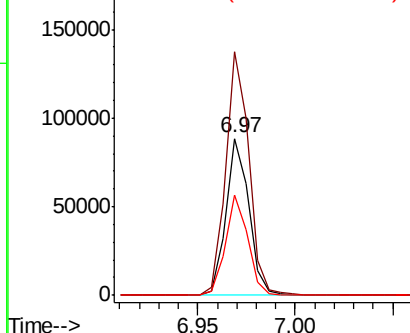
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF110320.D
 Acq: 30 Oct 2018 23:00

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-25RE

Tgt Ion:152 Resp: 72094
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.7 184.1
 115 63.8 49.1 73.7

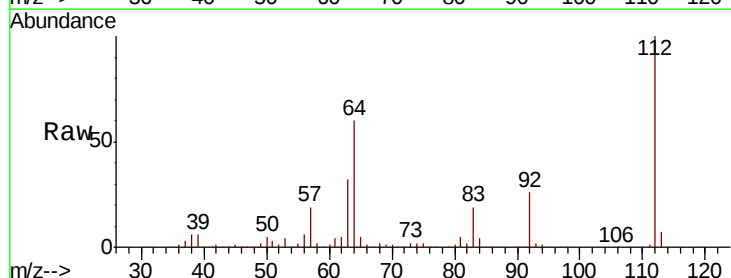


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

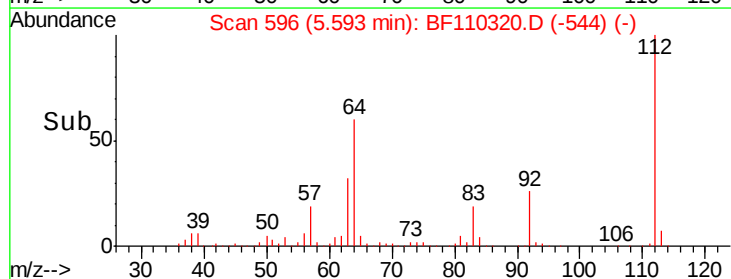
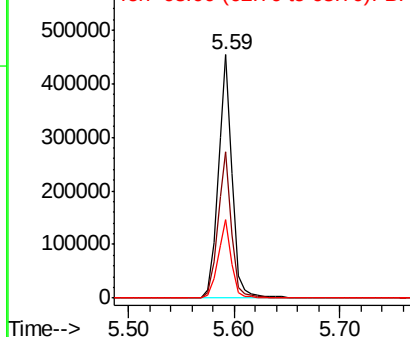


#5
 2-Fluorophenol
 Concen: 95.217 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF110320.D
 Acq: 30 Oct 2018 23:00

Tgt Ion:112 Resp: 421538
 Ion Ratio Lower Upper
 112 100
 64 60.0 44.1 66.1
 63 32.2 23.7 35.5



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: 88.279 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-25RE

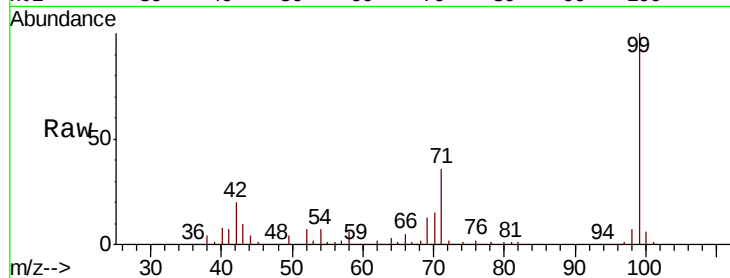
Tgt Ion: 99 Resp: 499896

Ion Ratio Lower Upper

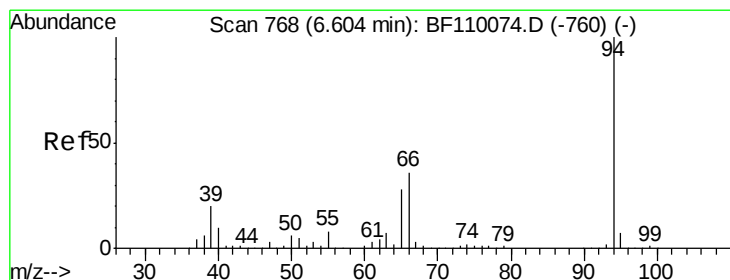
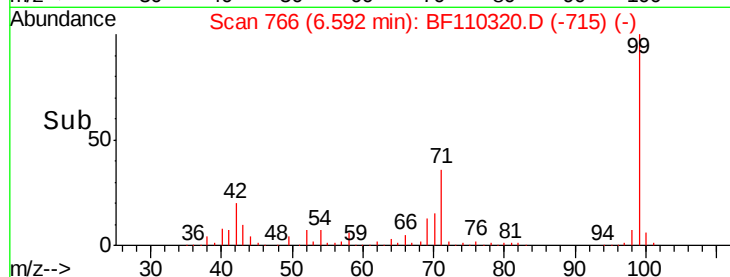
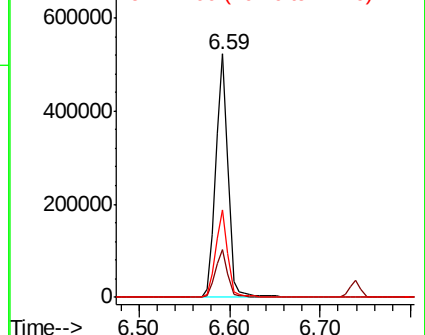
99 100

42 19.7 15.8 23.6

71 35.7 28.0 42.0



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



#10

Phenol

Concen: 5.991 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

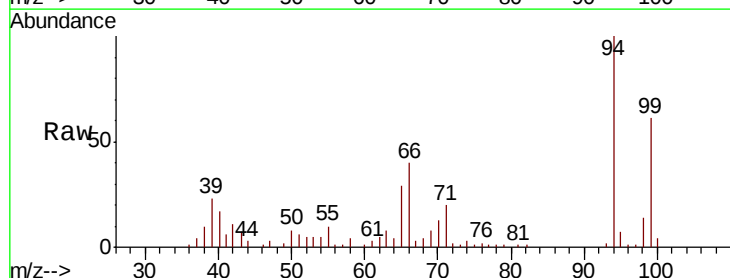
Tgt Ion: 94 Resp: 36265

Ion Ratio Lower Upper

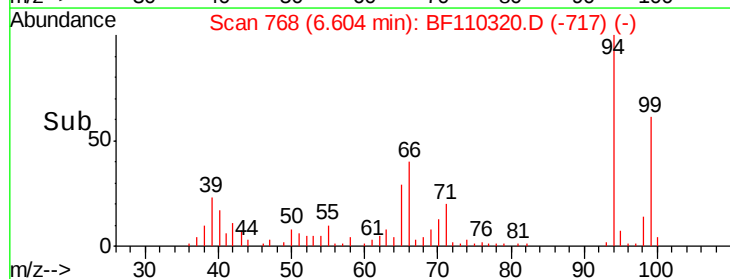
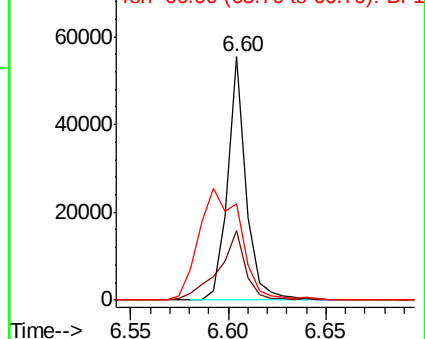
94 100

65 28.7 25.3 65.3

66 39.6 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

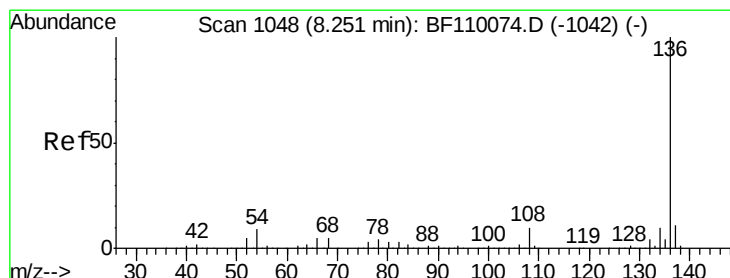
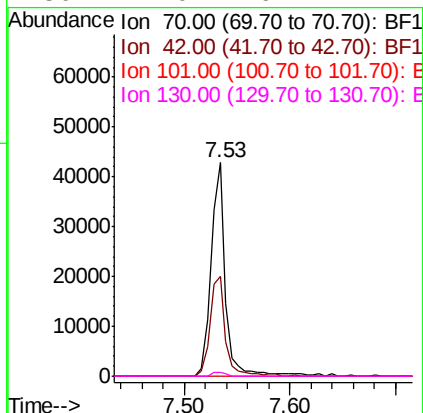
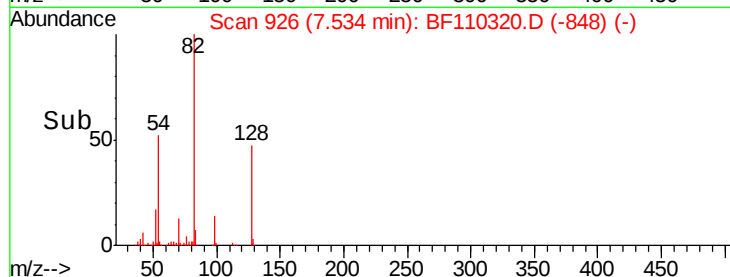
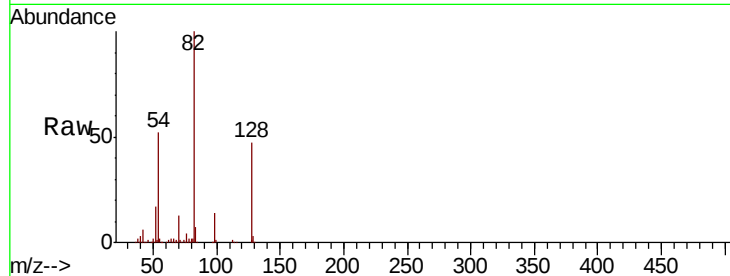




#19
n-Nitroso-di-n-propylamine
Concen: 11.395 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF110320.D
Acq: 30 Oct 2018 23:00

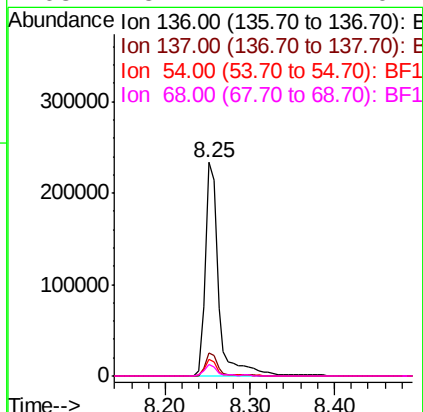
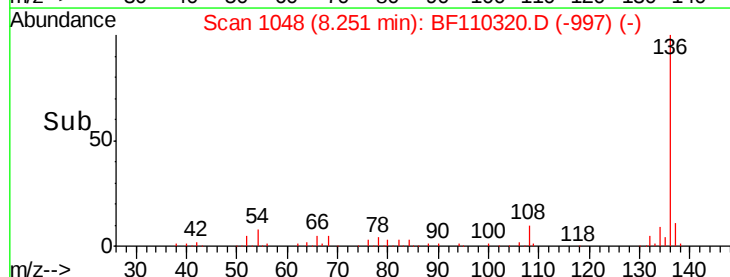
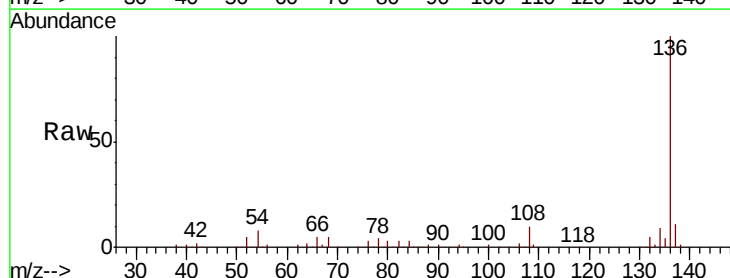
Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-25RE

Tgt Ion: 70 Resp: 41397
Ion Ratio Lower Upper
70 100
42 47.0 47.4 71.2#
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110320.D
Acq: 30 Oct 2018 23:00

Tgt Ion: 136 Resp: 258942
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 5.4 8.2
68 5.2 4.2 6.2

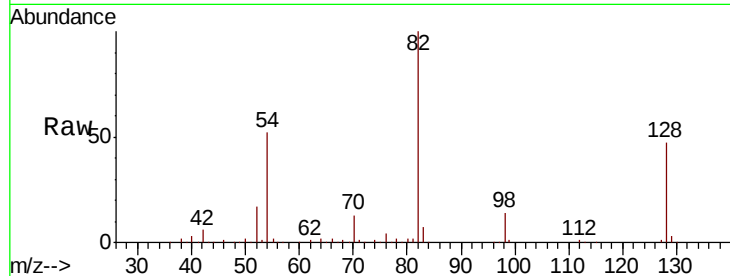




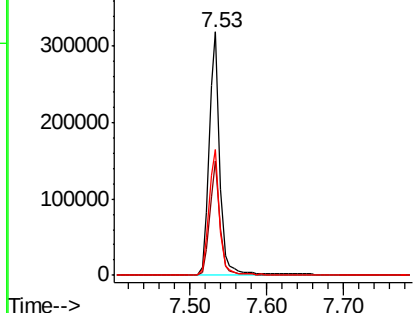
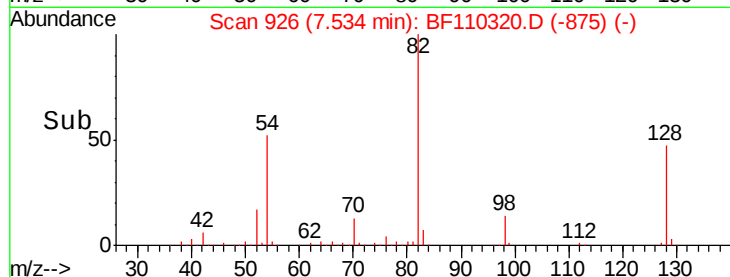
#23
Nitrobenzene-d5
Concen: 70.436 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110320.D
Acq: 30 Oct 2018 23:00

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-25RE

Tgt Ion: 82 Resp: 307502
Ion Ratio Lower Upper
82 100
128 47.2 34.2 51.2
54 51.7 38.6 58.0

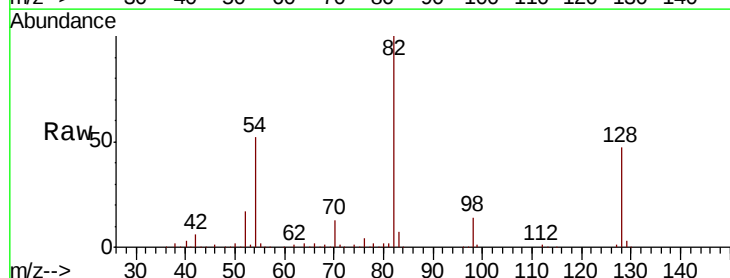


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

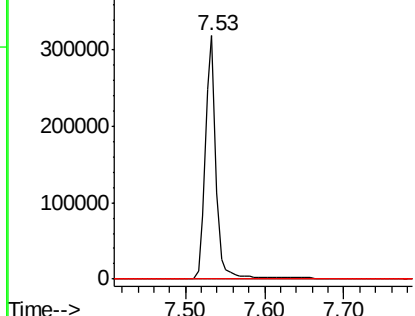
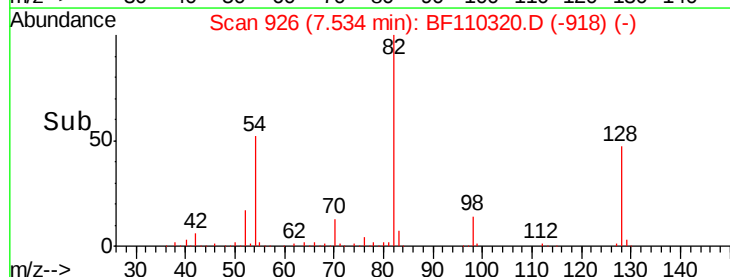


#25
Isophorone
Concen: 41.321 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110320.D
Acq: 30 Oct 2018 23:00

Tgt Ion: 82 Resp: 307500
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-25RE

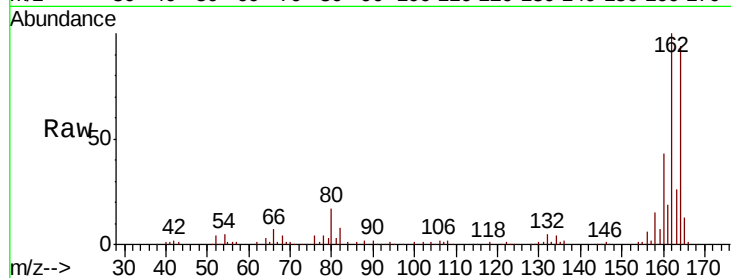
Tgt Ion:164 Resp: 98966

Ion Ratio Lower Upper

164 100

162 106.3 83.0 124.6

160 45.7 37.0 55.6

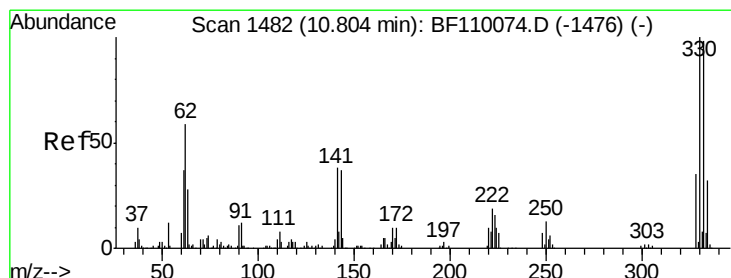
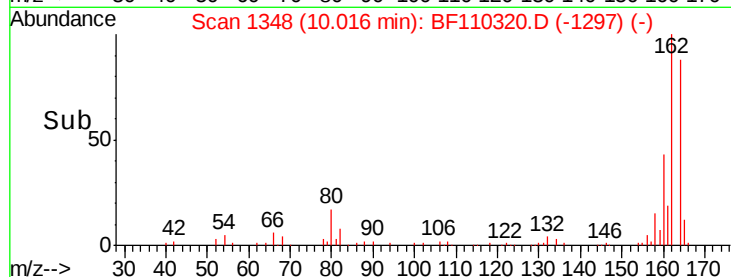
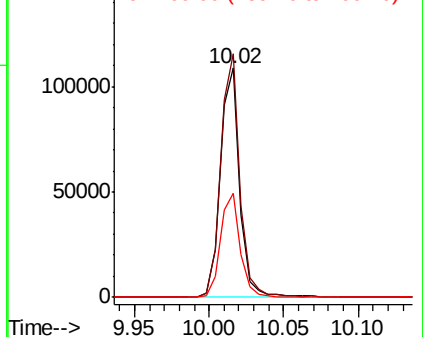


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 92.847 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

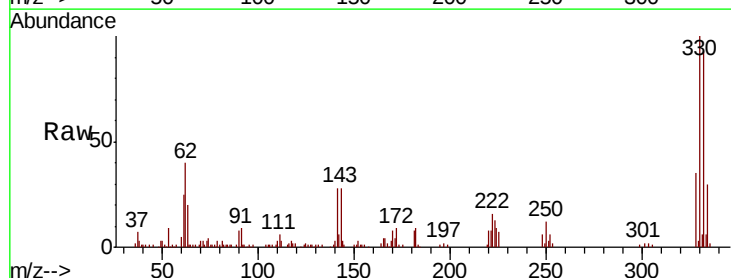
Tgt Ion:330 Resp: 91020

Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

141 39.9 27.0 40.4

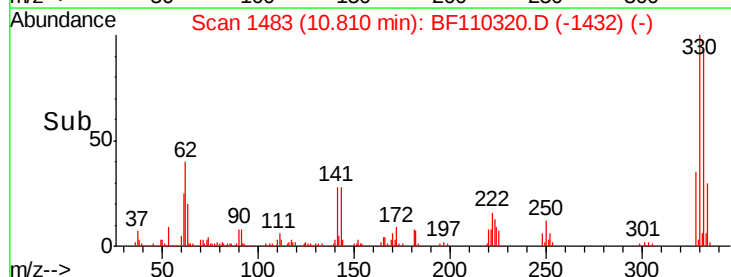
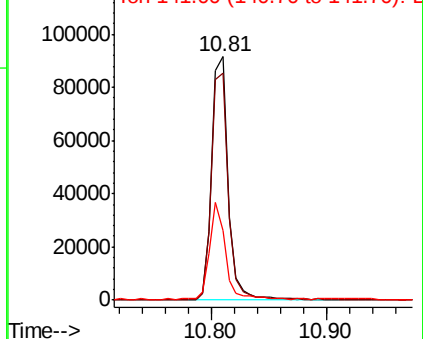


Abundance

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

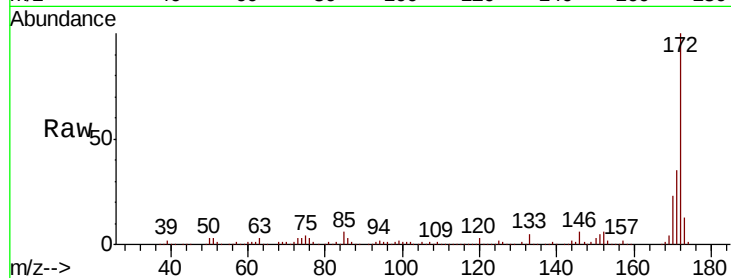




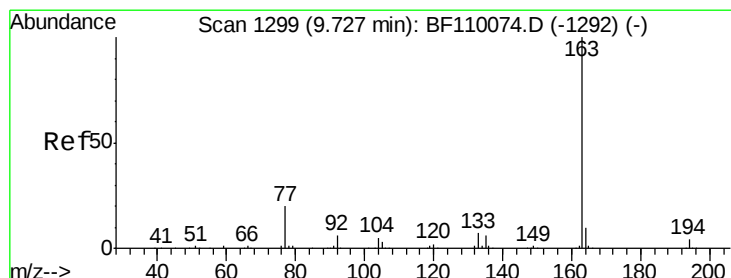
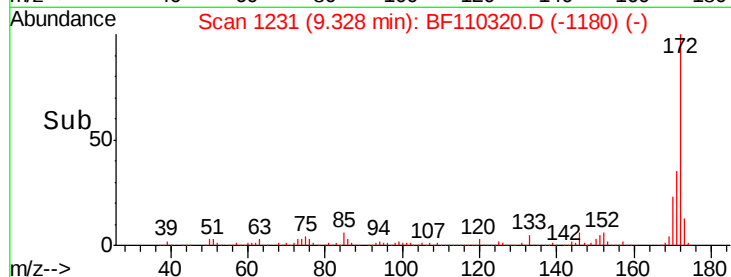
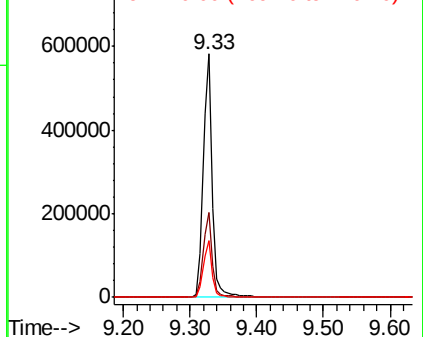
#45
2-Fluorobiphenyl
Concen: 83.202 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110320.D
Acq: 30 Oct 2018 23:00

Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 524384
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.4 19.7 29.5

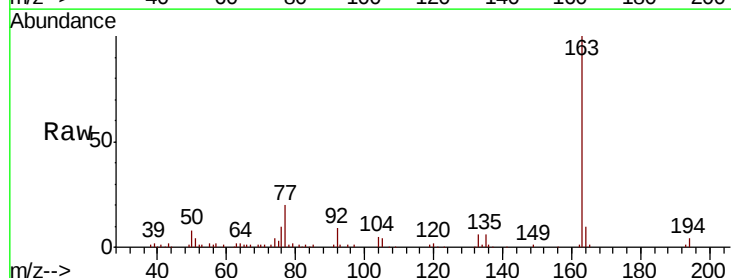


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

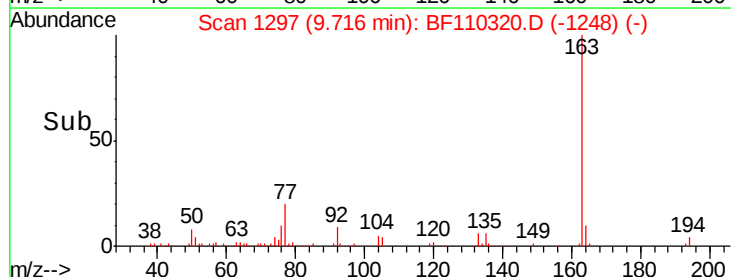
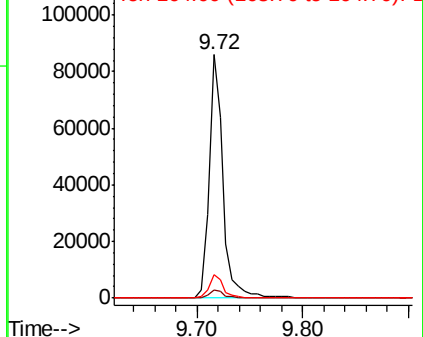


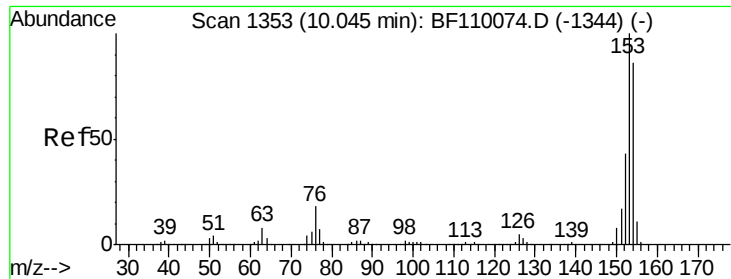
#50
Dimethylphthalate
Concen: 10.751 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110320.D
Acq: 30 Oct 2018 23:00

Tgt Ion:163 Resp: 78538
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 3.603 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

Instrument :

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DOCUMENTATION-25RE

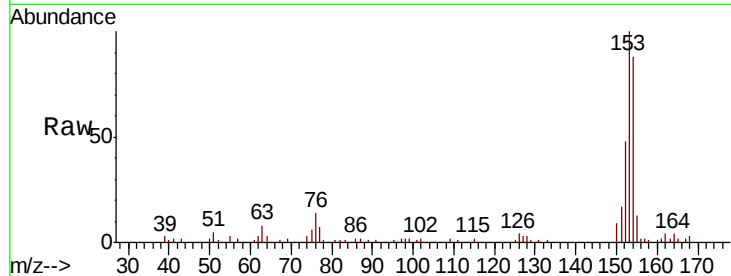
Tgt Ion:154 Resp: 22599

Ion Ratio Lower Upper

154 100

153 114.3 90.1 135.1

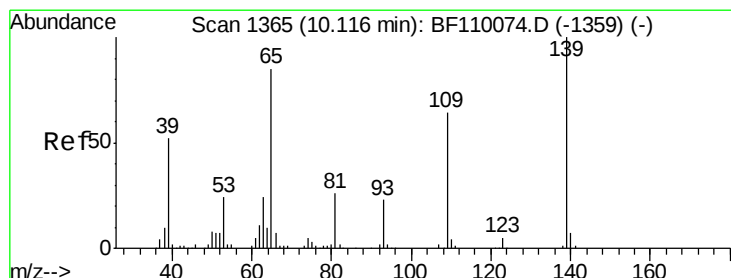
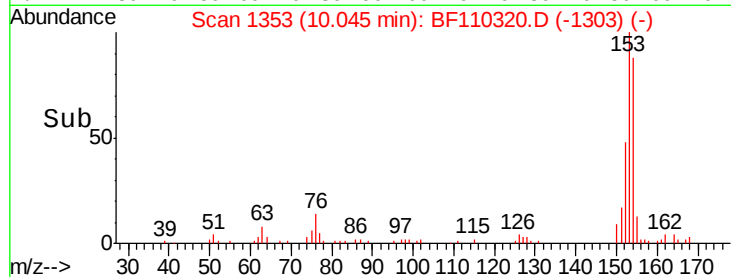
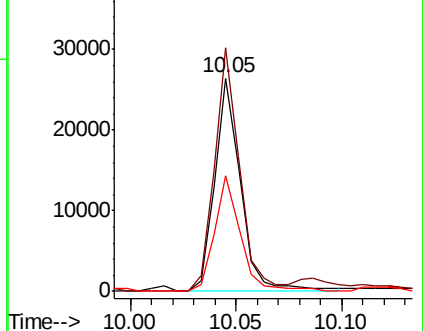
152 54.3 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

4-Nitrophenol

Concen: 5.334 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.10 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

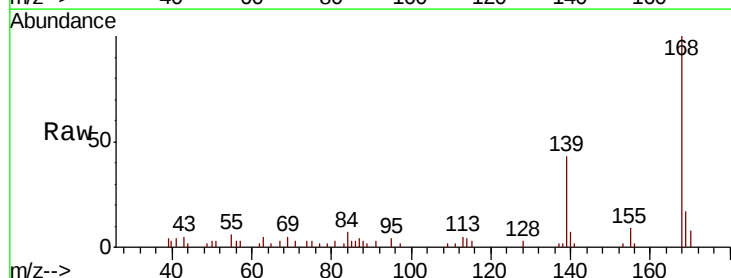
Tgt Ion:139 Resp: 7387

Ion Ratio Lower Upper

139 100

109 5.6 55.8 95.8#

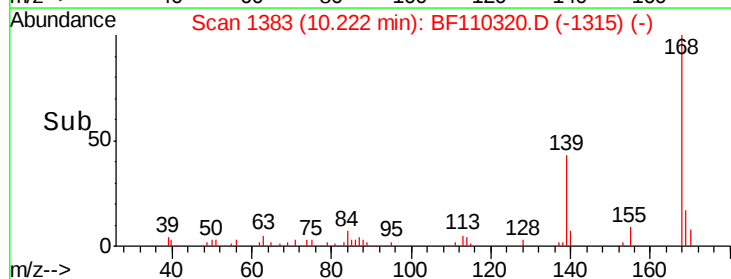
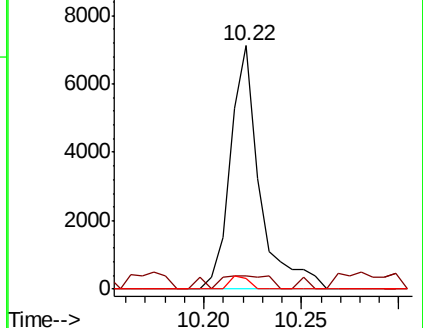
65 4.5 77.9 117.9#

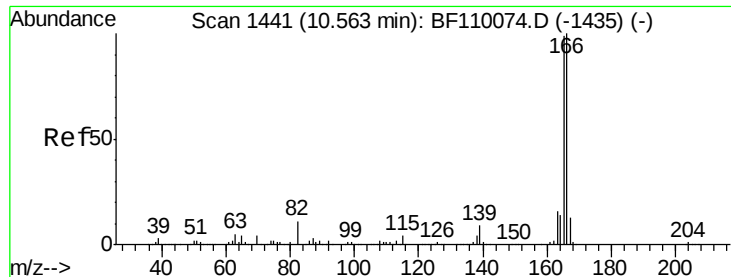


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#58

Fluorene

Concen: 3.850 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-25RE

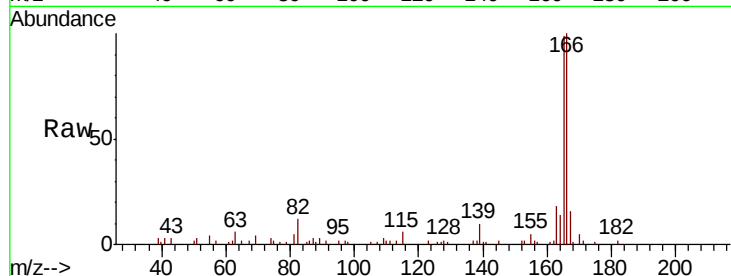
Tgt Ion:166 Resp: 25163

Ion Ratio Lower Upper

166 100

165 99.1 78.6 117.8

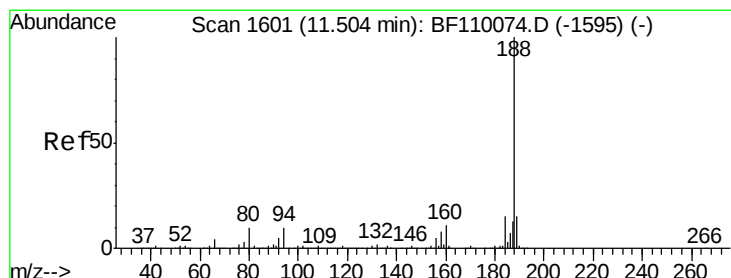
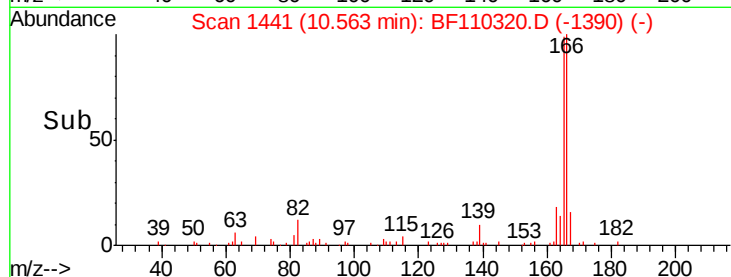
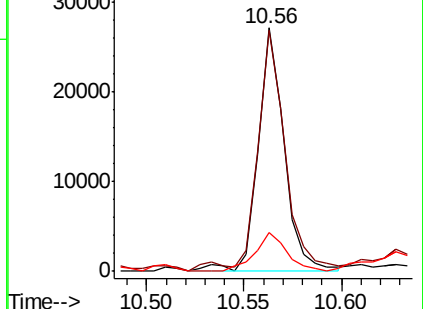
167 15.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

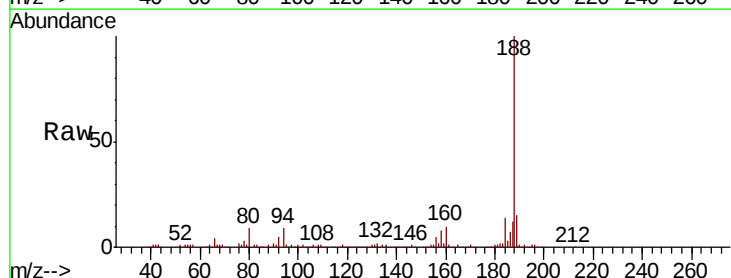
Tgt Ion:188 Resp: 170456

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

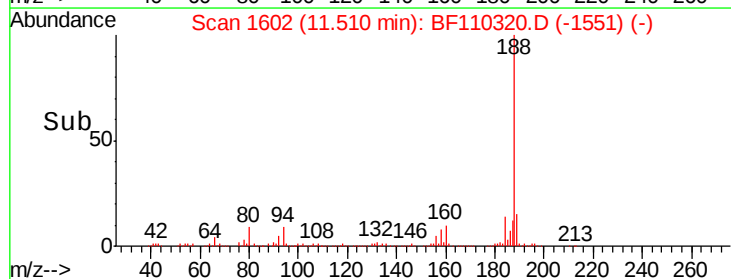
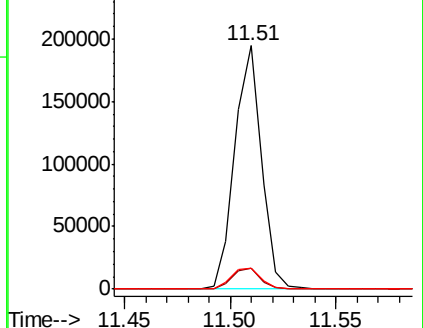
80 8.7 7.9 11.9

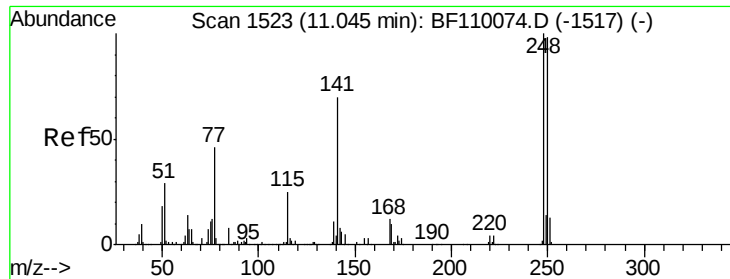


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

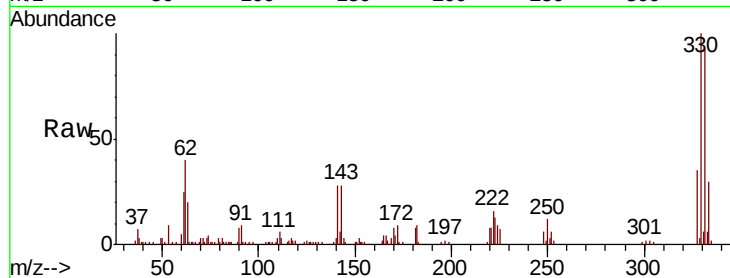




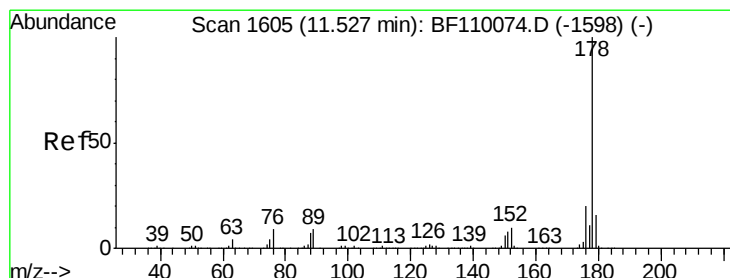
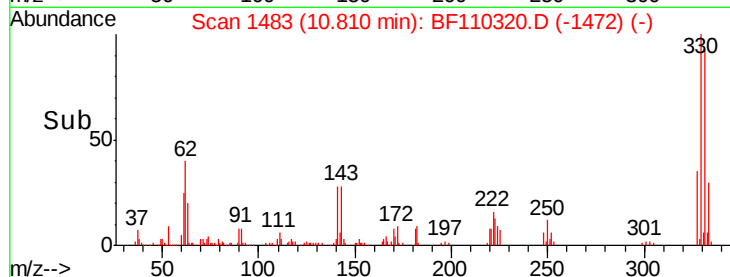
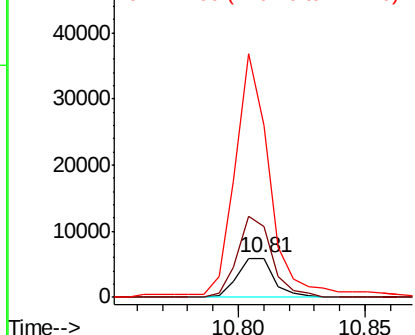
#67
 4-Bromophenyl-phenylether
 Concen: 3.241 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.24 min
 Lab File: BF110320.D
 Acq: 30 Oct 2018 23:00

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-25RE

Tgt Ion:248 Resp: 5993
 Ion Ratio Lower Upper
 248 100
 250 181.0 79.4 119.2#
 141 436.9 55.9 83.9#

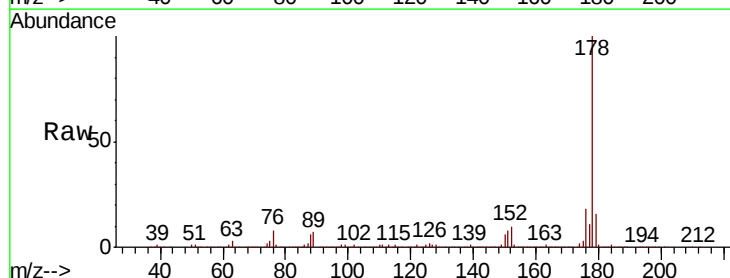


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

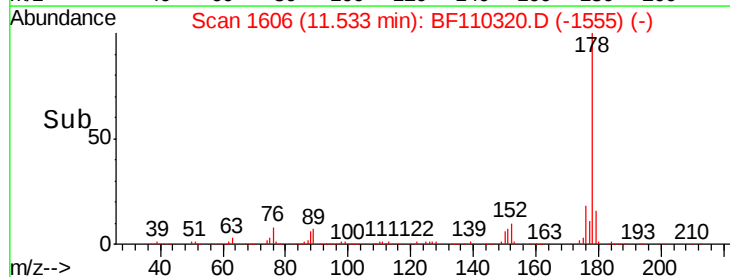
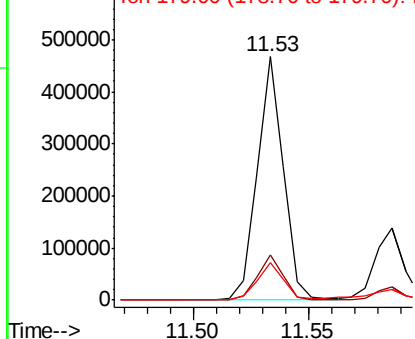


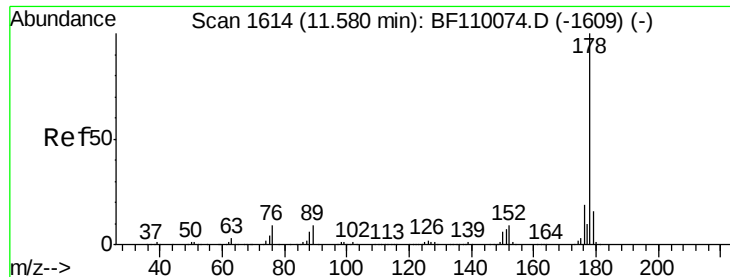
#71
 Phenanthrene
 Concen: 41.328 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF110320.D
 Acq: 30 Oct 2018 23:00

Tgt Ion:178 Resp: 368606
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.5 23.3
 179 15.7 12.5 18.7



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





#72

Anthracene

Concen: 12.463 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-25RE

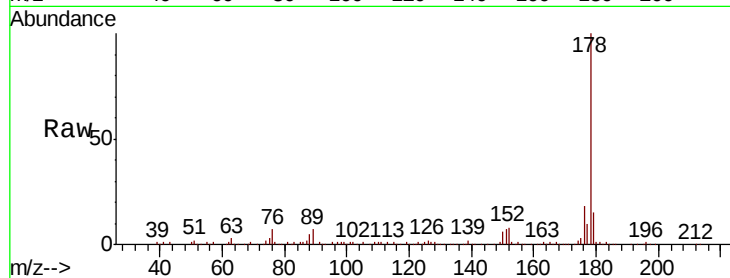
Tgt Ion:178 Resp: 111414

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

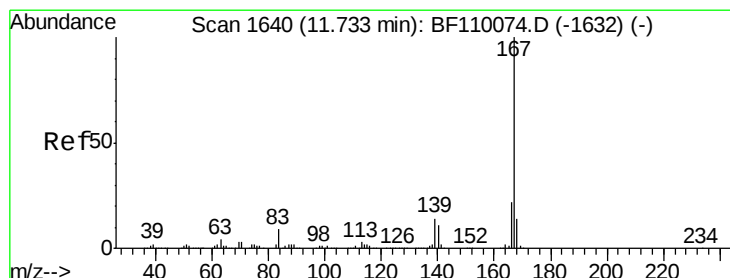
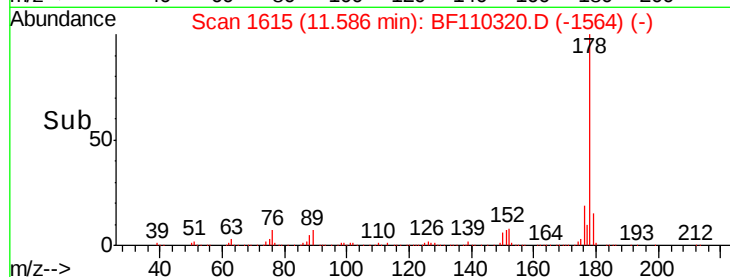
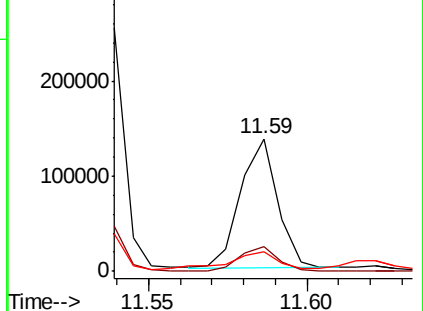
179 15.1 12.6 18.8



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



#73

Carbazole

Concen: 3.785 ng

RT: 11.74 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

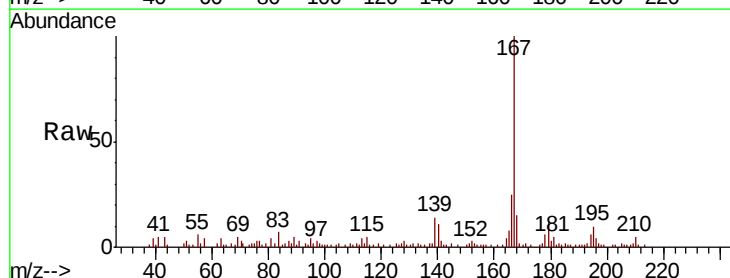
Tgt Ion:167 Resp: 33040

Ion Ratio Lower Upper

167 100

166 24.6 17.4 26.0

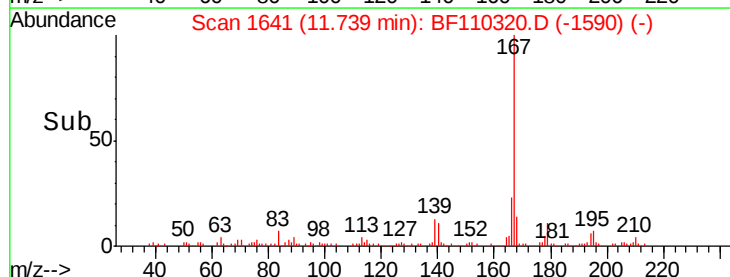
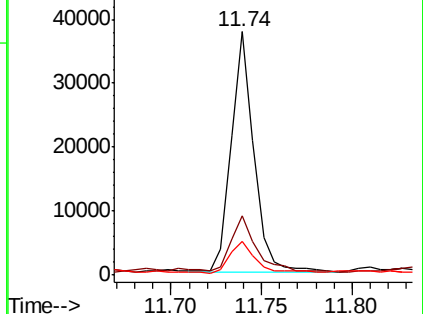
139 13.9 10.9 16.3

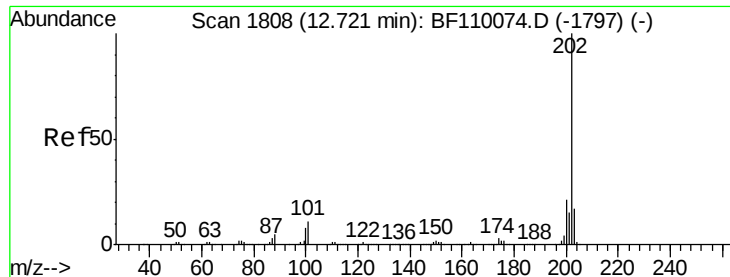


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 64.055 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-25RE

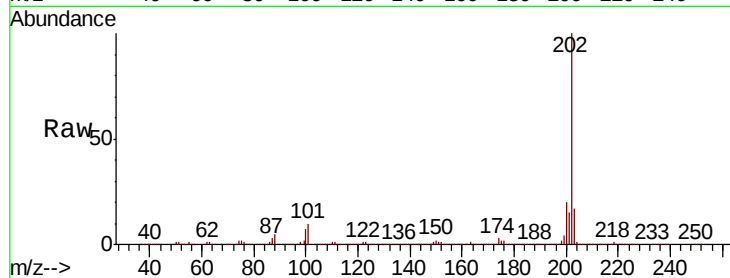
Tgt Ion: 202 Resp: 579812

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.4

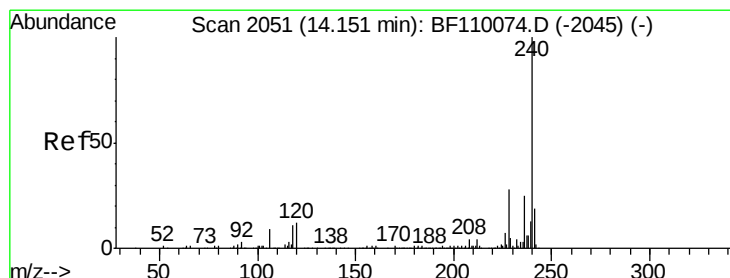
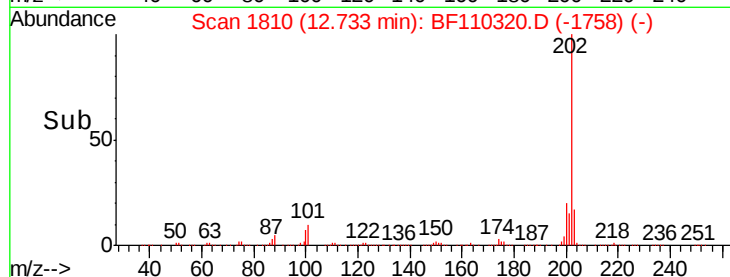
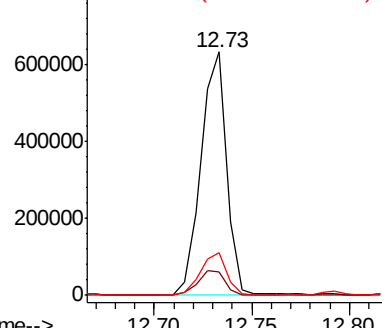
203 17.4 0.0 37.7



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: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

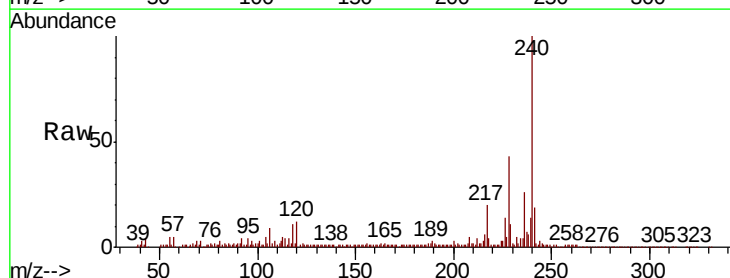
Tgt Ion: 240 Resp: 165216

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

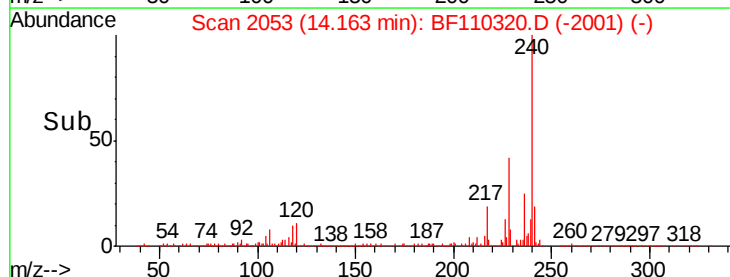
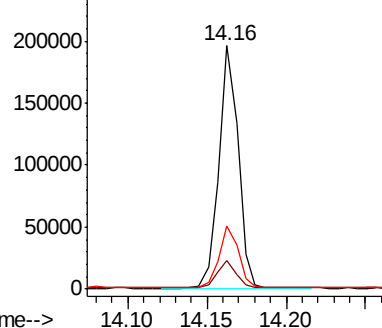
236 25.7 21.2 31.8

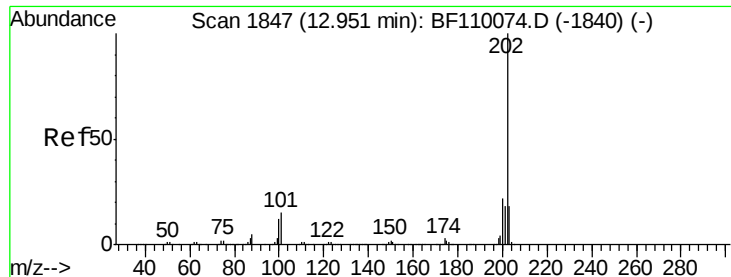


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 46.598 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-25RE

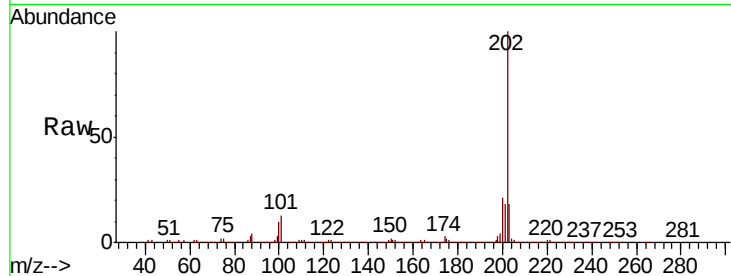
Tgt Ion:202 Resp: 551934

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

203 17.9 14.2 21.4

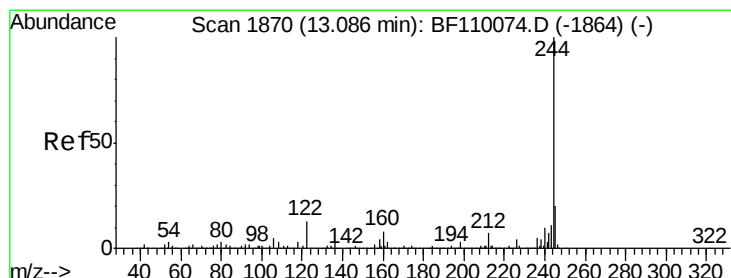
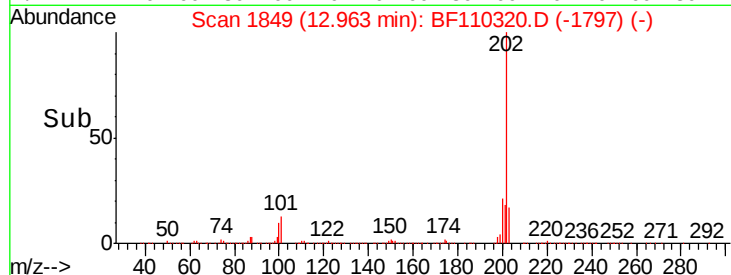
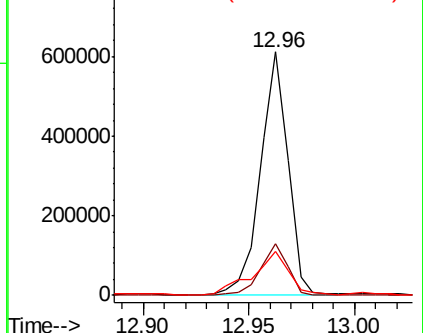


Abundance

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



#79

Terphenyl-d14

Concen: 59.085 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

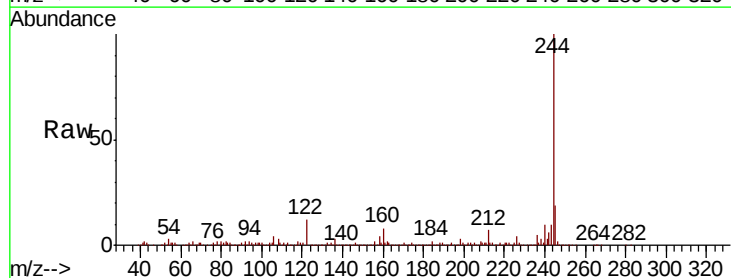
Tgt Ion:244 Resp: 469383

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 11.8 8.7 13.1

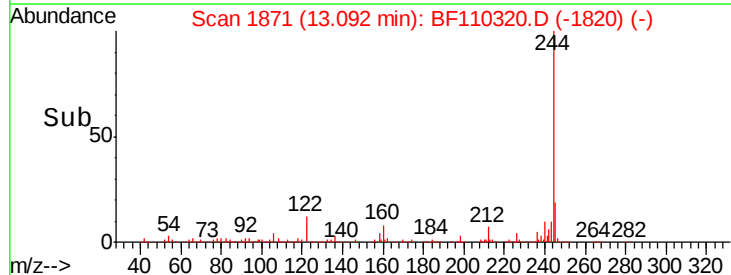
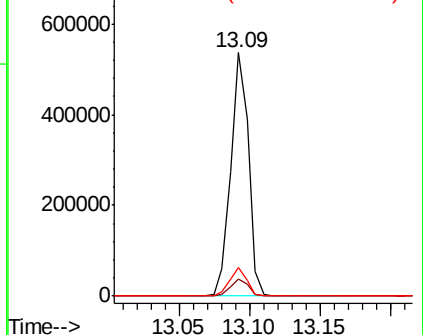


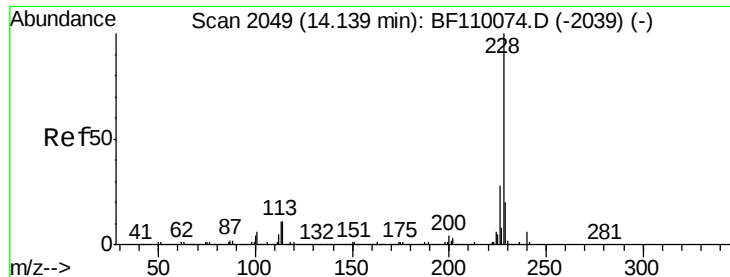
Abundance

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

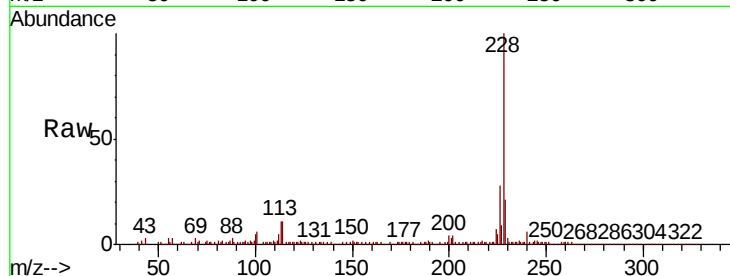




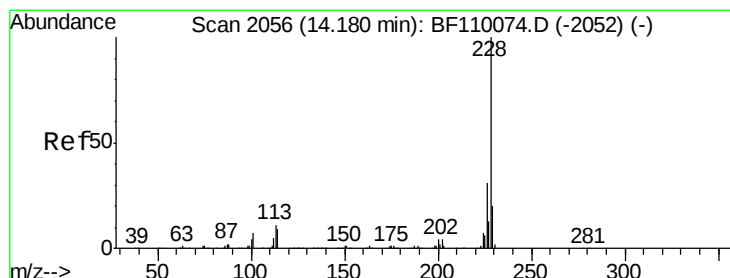
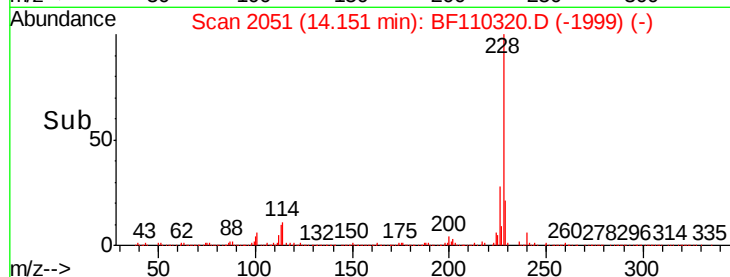
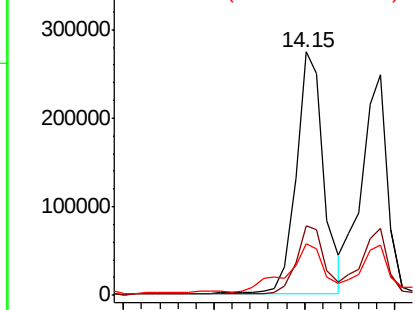
#81
Benzo(a)anthracene
Concen: 29.795 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF110320.D
Acq: 30 Oct 2018 23:00

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-25RE

Tgt Ion:228 Resp: 291921
Ion Ratio Lower Upper
228 100
226 28.5 22.1 33.1
229 21.4 15.6 23.4

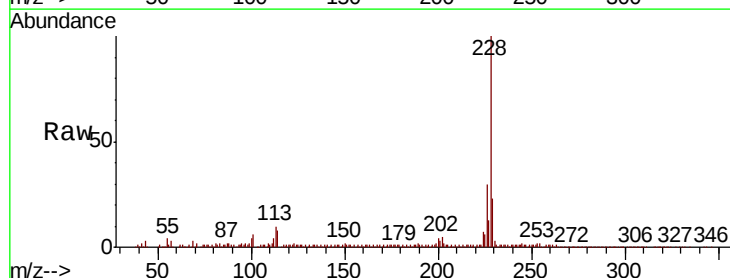


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

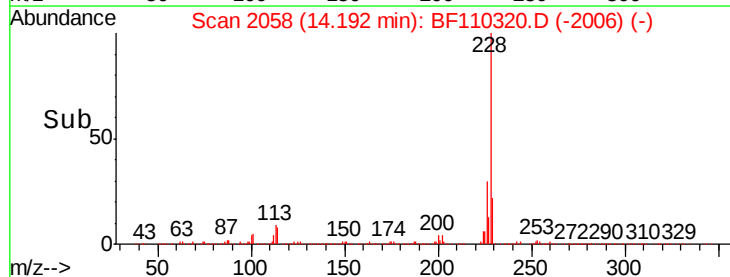
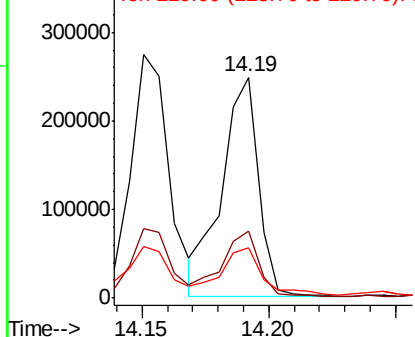


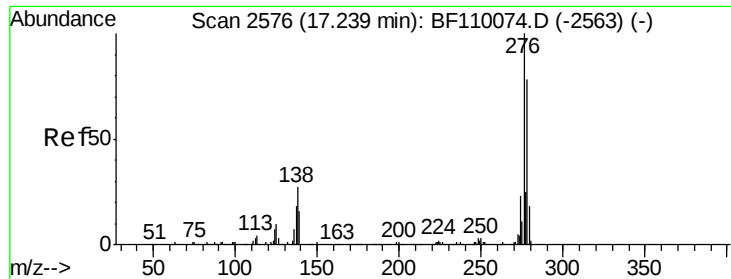
#83
Chrysene
Concen: 26.867 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF110320.D
Acq: 30 Oct 2018 23:00

Tgt Ion:228 Resp: 250019
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 22.7 15.9 23.9



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





#86

Indeno(1,2,3-cd)pyrene

Concen: 11.924 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.02 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-25RE

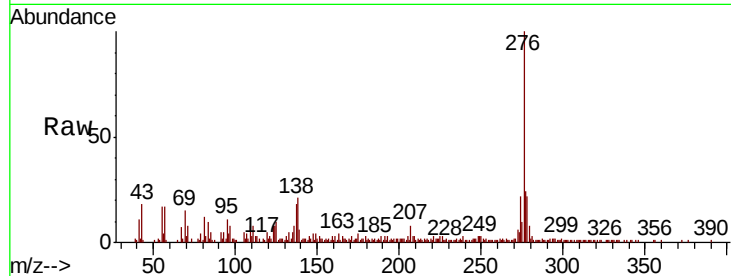
Tgt Ion:276 Resp: 92052

Ion Ratio Lower Upper

276 100

138 20.9 18.5 27.7

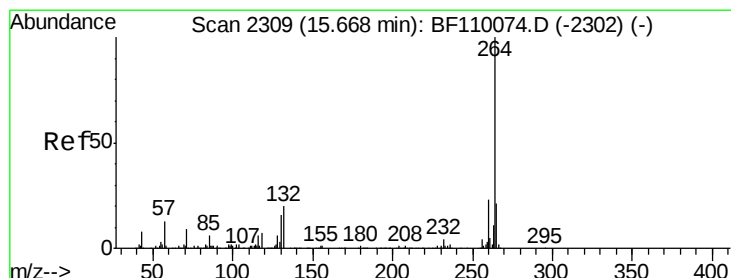
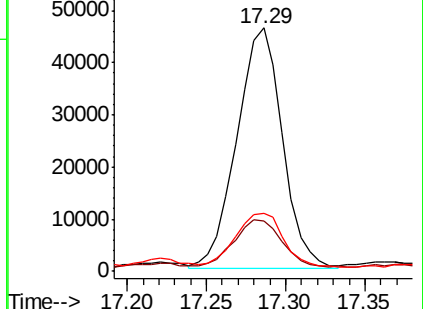
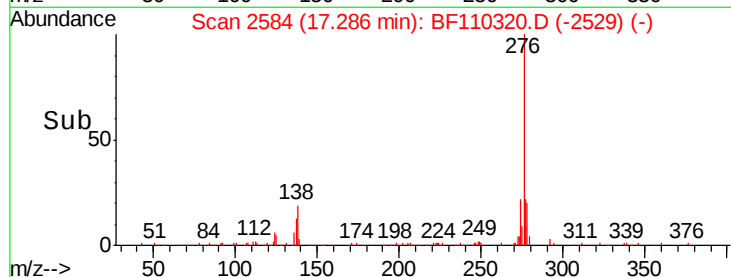
277 23.7 20.0 30.0



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: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. 0.02 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

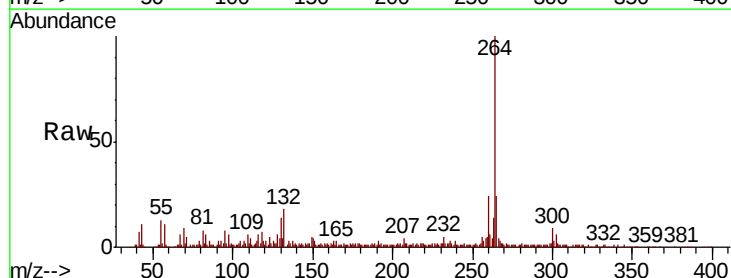
Tgt Ion:264 Resp: 115826

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

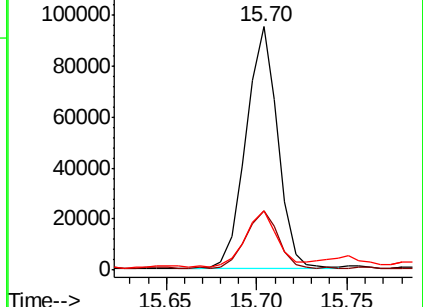
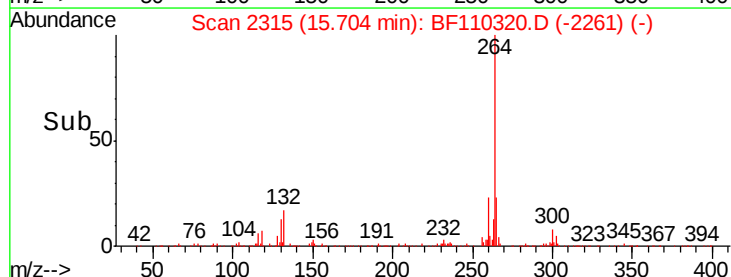
265 24.2 16.7 25.1

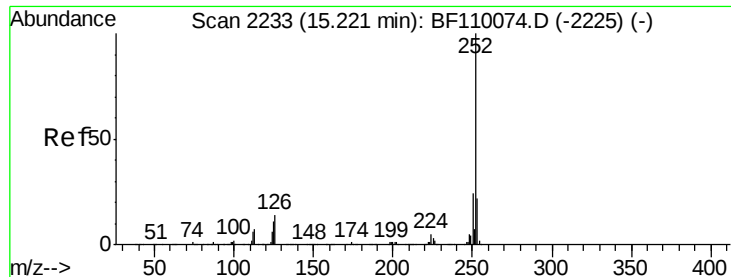


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

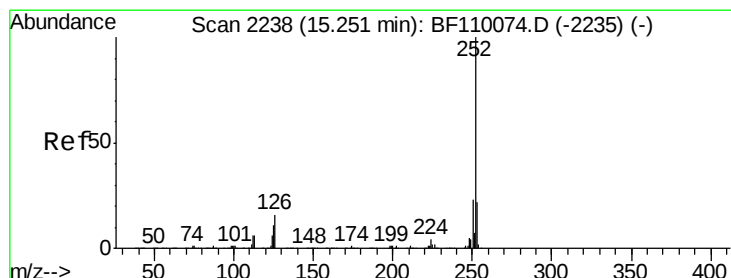
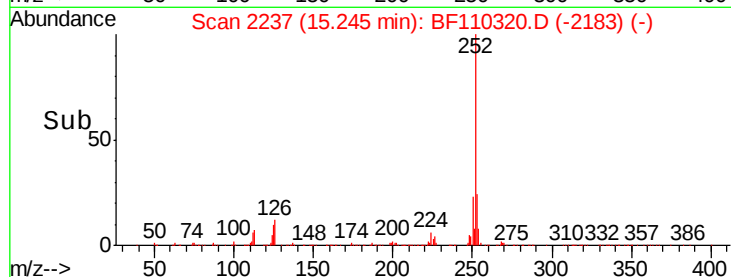
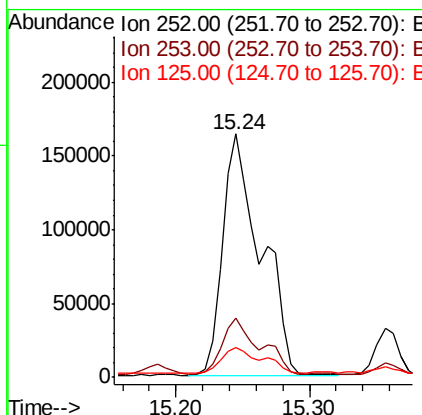
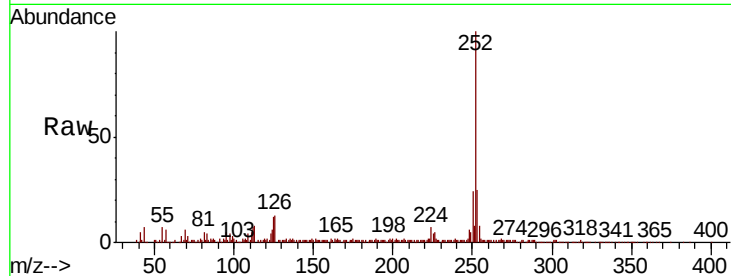




#88
Benzo(b)fluoranthene
Concen: 49.168 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF110320.D
Acq: 30 Oct 2018 23:00

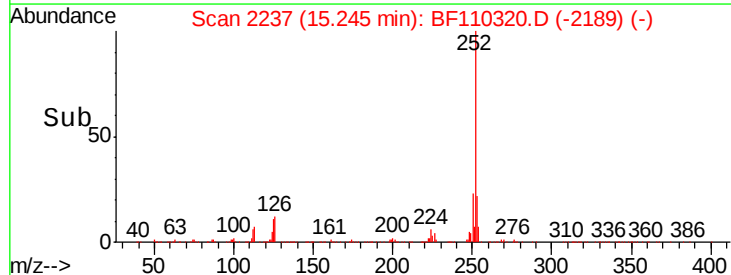
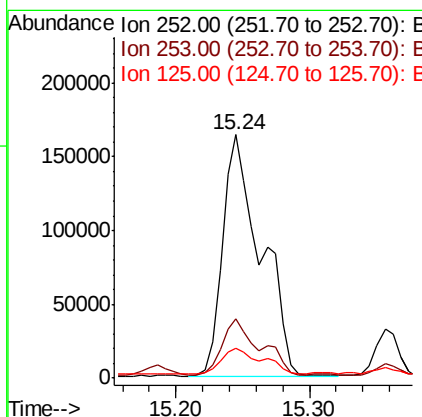
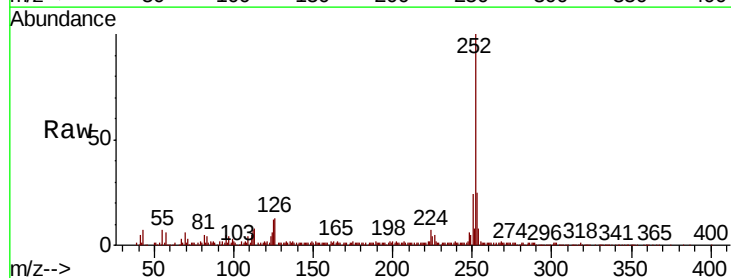
Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-25RE

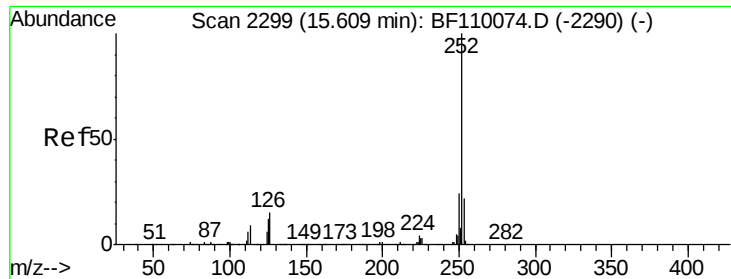
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	12.1	8.2	12.4



#89
Benzo(k)fluoranthene
Concen: 50.013 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110320.D
Acq: 30 Oct 2018 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	12.1	7.4	11.0#





#90

Benzo(a)pyrene

Concen: 28.374 ng

RT: 15.63 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-25RE

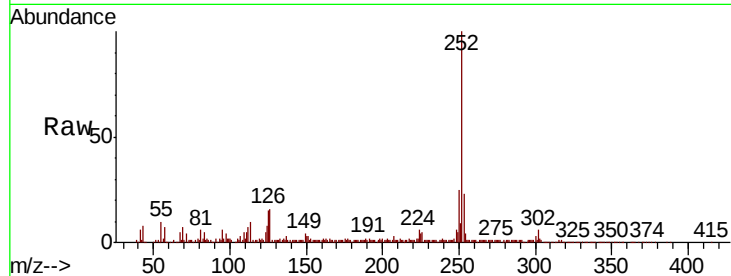
Tgt Ion:252 Resp: 174631

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.4

125 14.5 9.0 13.6#

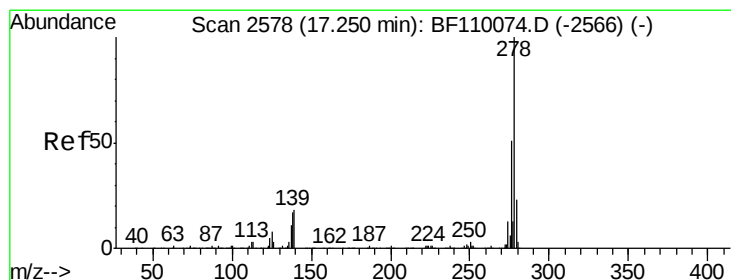
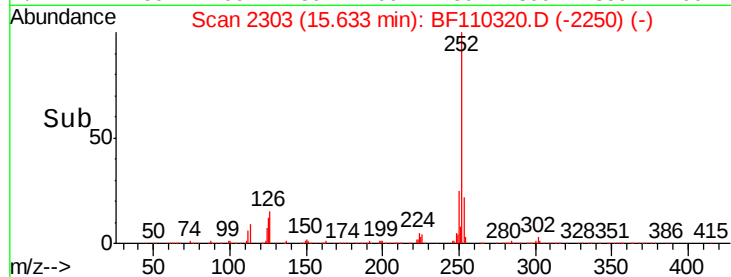
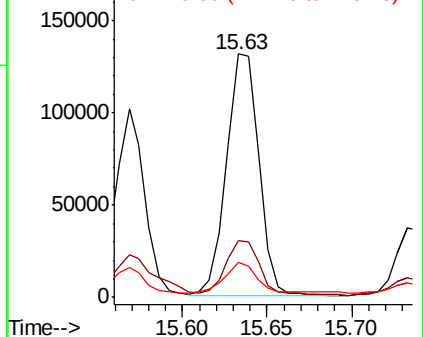


Abundance

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



#91

Dibenzo(a,h)anthracene

Concen: 4.574 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.02 min

Lab File: BF110320.D

Acq: 30 Oct 2018 23:00

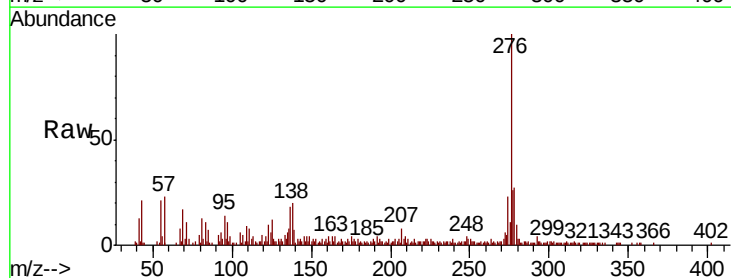
Tgt Ion:278 Resp: 24291

Ion Ratio Lower Upper

278 100

139 26.4 12.7 19.1#

279 35.6 19.0 28.4#

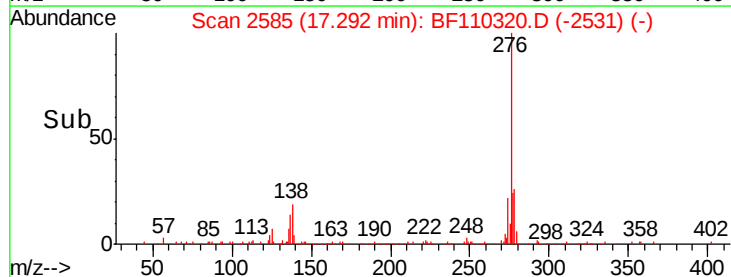
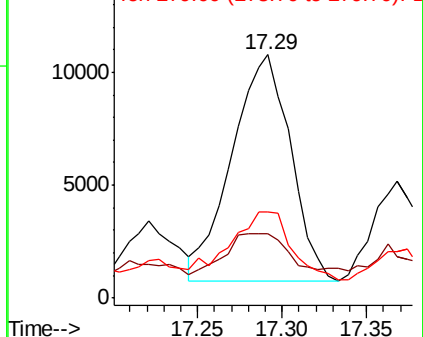


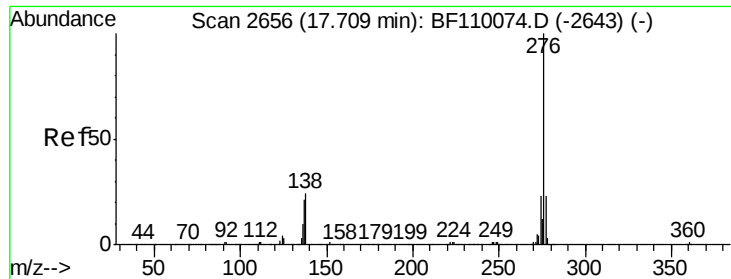
Abundance

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

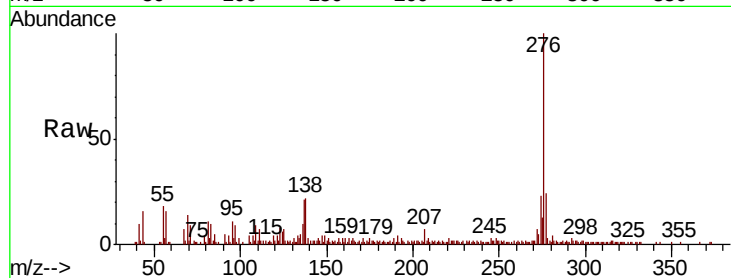




#92
 Benzo(g,h,i)perylene
 Concen: 17.838 ng
 RT: 17.77 min Scan# 2666
 Delta R.T. 0.03 min
 Lab File: BF110320.D
 Acq: 30 Oct 2018 23:00

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-25RE

Tgt Ion:	276	Resp:	93347
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	22.2	16.0	24.0



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

