

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098701.D
 Acq On : 22 Sep 2017 15:47
 Operator : SJ/JU
 Sample : I5310-04DL 50X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-091917-BDL

Quant Time: Sep 22 16:28:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	154339	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	622135	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	252104	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	383312	20.00	ng	0.00
75) Chrysene-d12	14.09	240	336349	20.00	ng	0.00
86) Perylene-d12	15.58	264	342690	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	13613	1.34	ng	0.00
7) Phenol-d6	6.53	99	16509	1.34	ng	-0.02
23) Nitrobenzene-d5	7.48	82	7861	0.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	2293	0.99	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	18758	1.18	ng	0.00
78) Terphenyl-d14	13.03	244	13831	0.88	ng	0.00

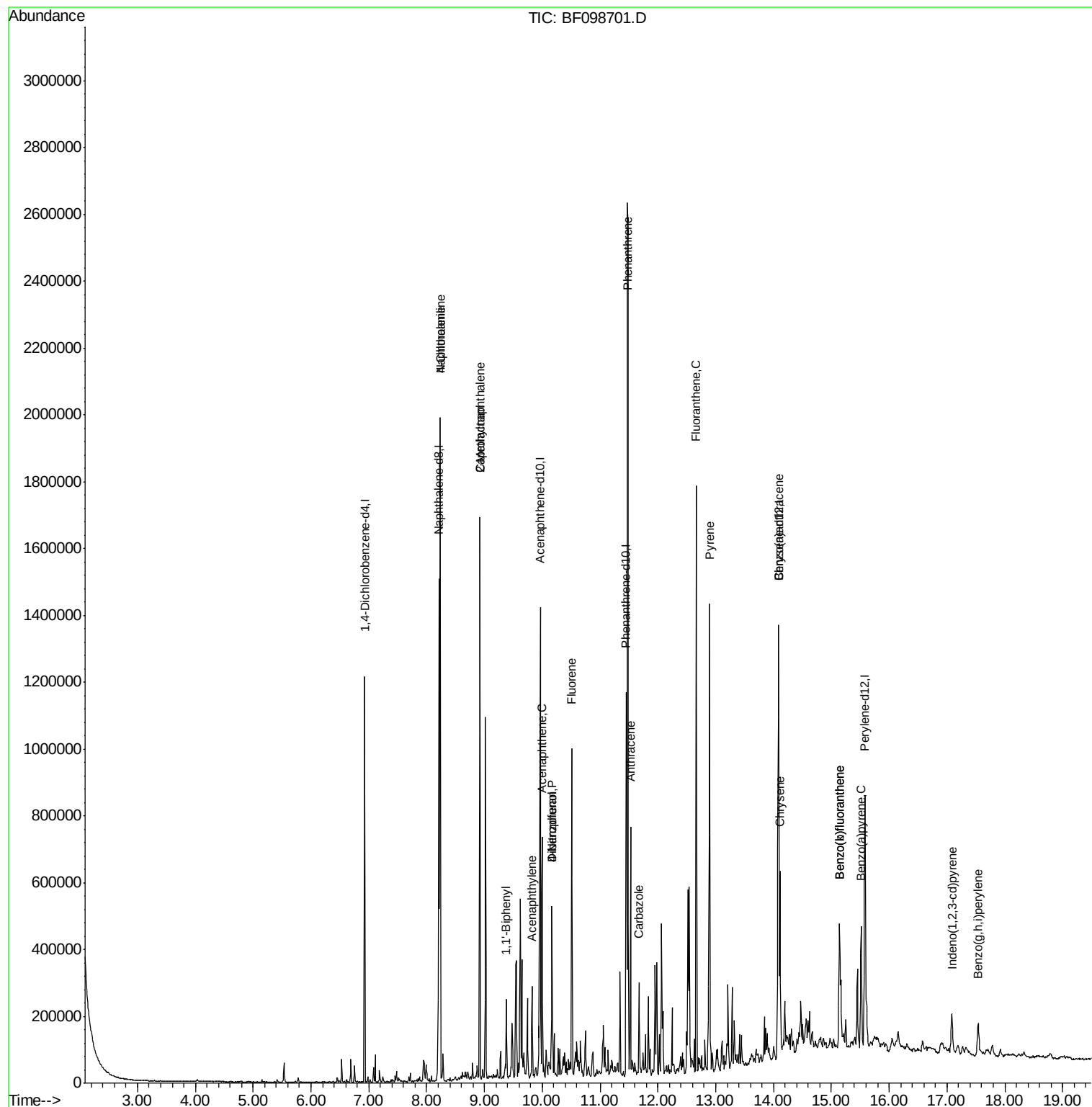
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.23	128	794961	26.922	ng	99
33) 4-Chloroaniline	8.23	127	105249	8.573	ng	# 34
35) Caprolactam	8.92	113	8262	3.135	ng	# 1
37) 2-Methylnaphthalene	8.92	142	389402	20.538	ng	99
45) 1,1'-Biphenyl	9.38	154	61337	2.832	ng	96
48) Acenaphthylene	9.82	152	54593	2.185	ng	# 94
51) Acenaphthene	10.00	154	133430	8.605	ng	99
54) Dibenzofuran	10.17	168	166920	7.884	ng	99
55) 4-Nitrophenol	10.17	139	64484	16.663	ng	# 10
57) Fluorene	10.51	166	241668	14.201	ng	97
70) Phenanthrene	11.48	178	1002647	48.219	ng	98
71) Anthracene	11.53	178	259623	12.245	ng	98
72) Carbazole	11.67	167	91201	4.402	ng	98
74) Fluoranthene	12.66	202	615225	29.689	ng	99
77) Pyrene	12.89	202	567739	22.736	ng	99
80) Benzo(a)anthracene	14.08	228	225577	11.134	ng	98
82) Chrysene	14.12	228	198636	10.152	ng	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	77405	5.100	ng	94
87) Benzo(b)fluoranthene	15.14	252	277828	13.979	ng	95
88) Benzo(k)fluoranthene	15.14	252	277828	13.989	ng	98
89) Benzo(a)pyrene	15.52	252	165705	9.181	ng	98
91) Benzo(g,h,i)perylene	17.54	276	74789	4.874	ng	98

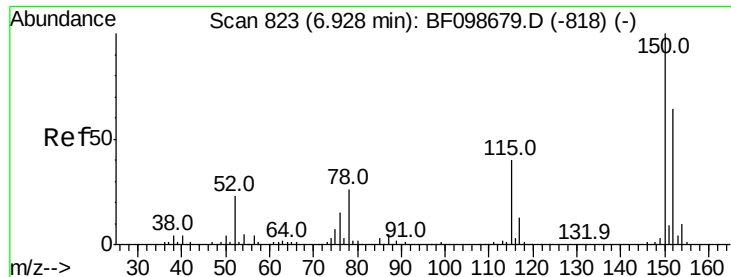
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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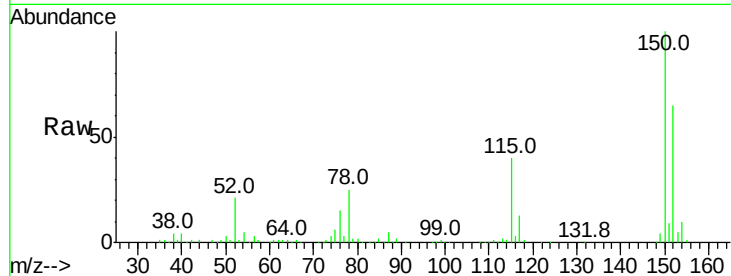


#1

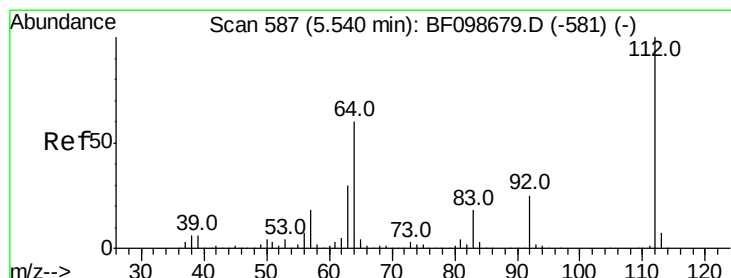
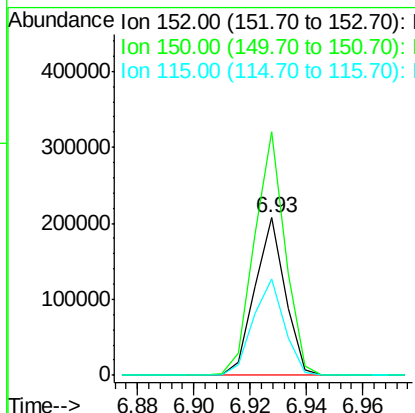
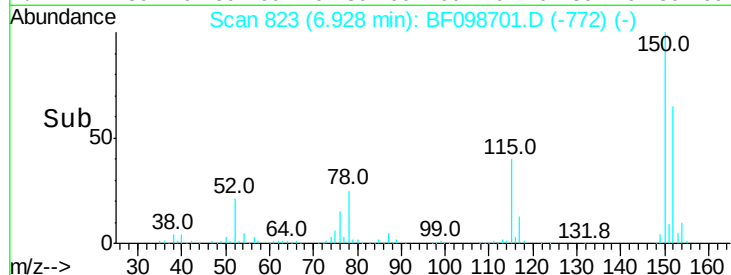
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

Instrument :
BNA_F
ClientSampleId :
NB-01-091917-BDL

Tot Ion:152 Resp: 154339
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 61.1 50.1 75.1



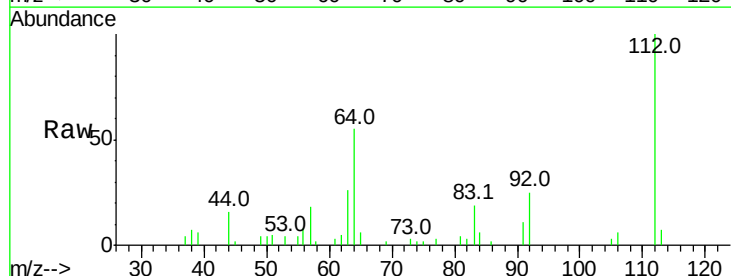
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



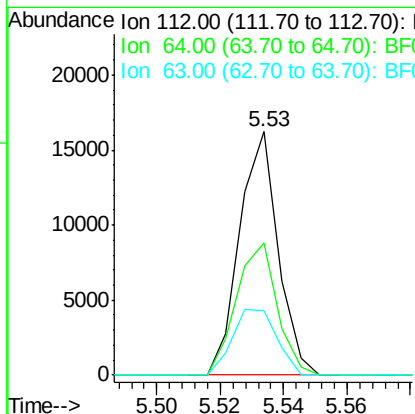
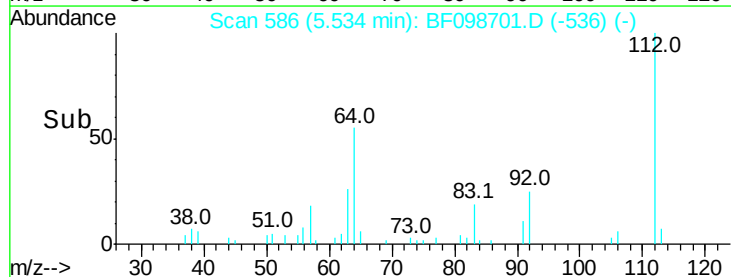
#5

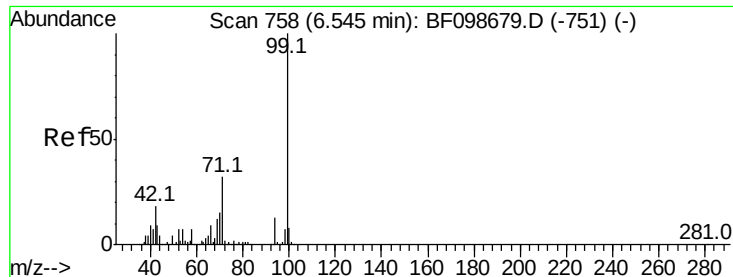
2-Fluorophenol
Concen: 1.339 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

Tgt Ion:112 Resp: 13613
Ion Ratio Lower Upper
112 100
64 54.5 47.9 71.9
63 26.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.341 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

Instrument :

BNA_F

ClientSampleId :

NB-01-091917-BDL

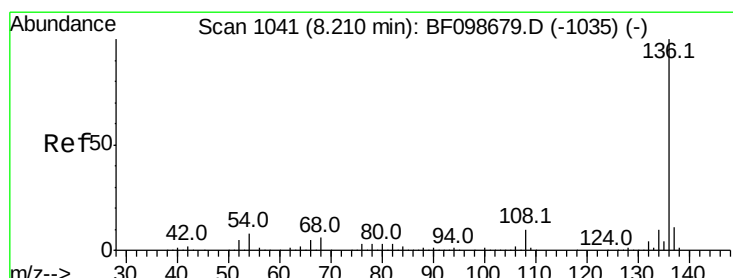
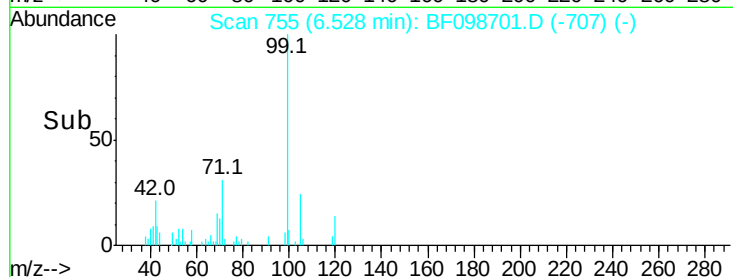
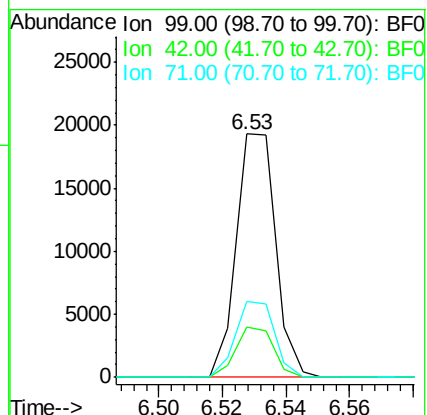
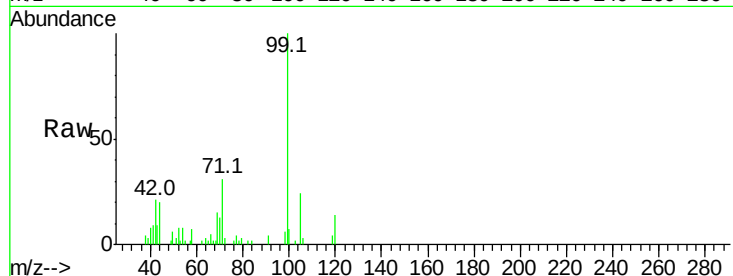
Tot Ion: 99 Resp: 16509

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 31.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

Tgt Ion: 136 Resp: 622135

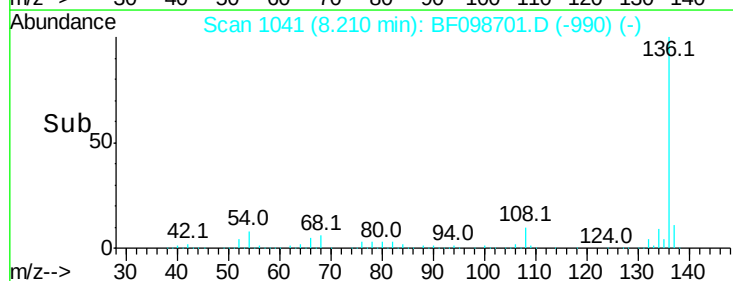
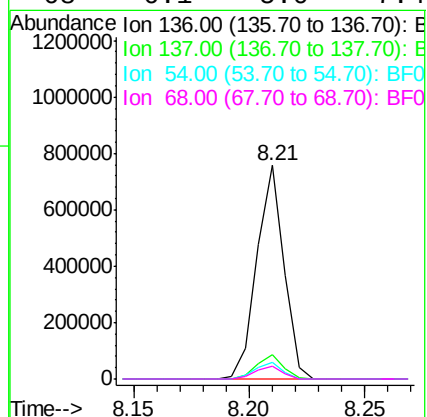
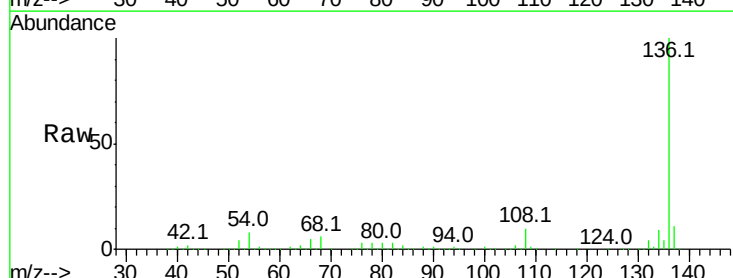
Ion Ratio Lower Upper

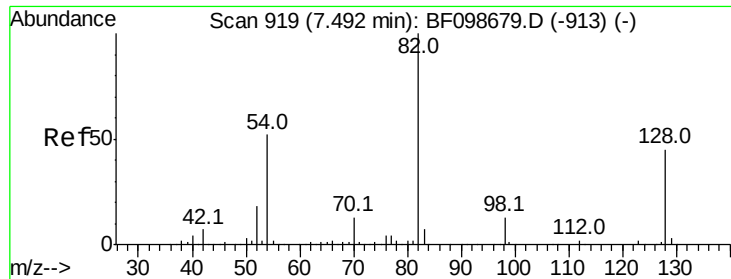
136 100

137 11.3 8.9 13.3

54 8.1 6.6 9.8

68 6.1 5.0 7.4

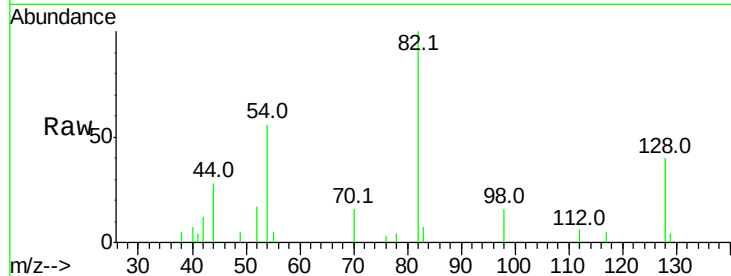




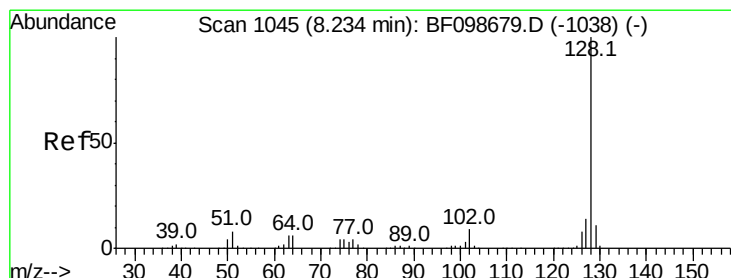
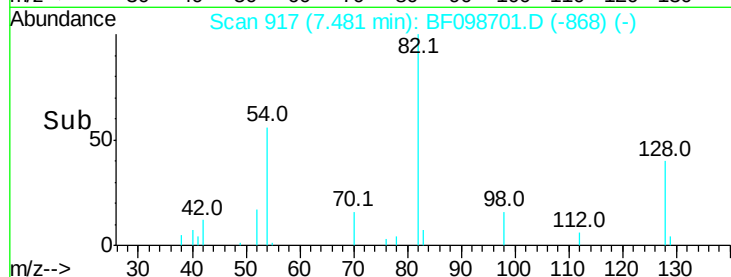
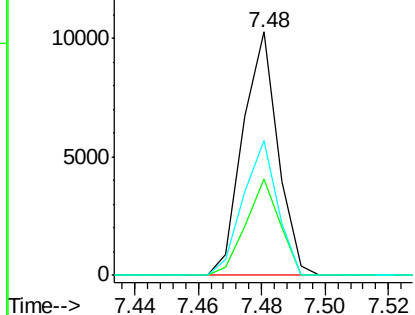
#23
 Nitrobenzene-d5
 Concen: 0.857 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098701.D
 Acq: 22 Sep 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-091917-BDL

Tot Ion: 82 Resp: 7861
 Ion Ratio Lower Upper
 82 100
 128 39.6 36.1 54.1
 54 55.5 41.4 62.2

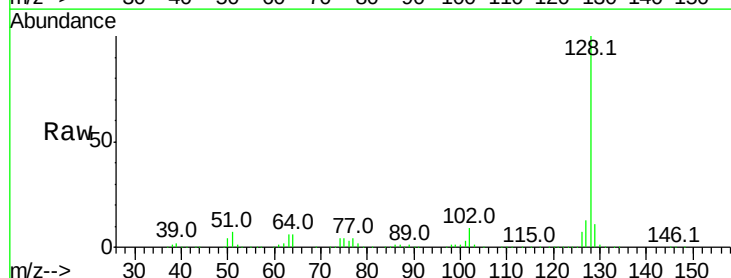


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

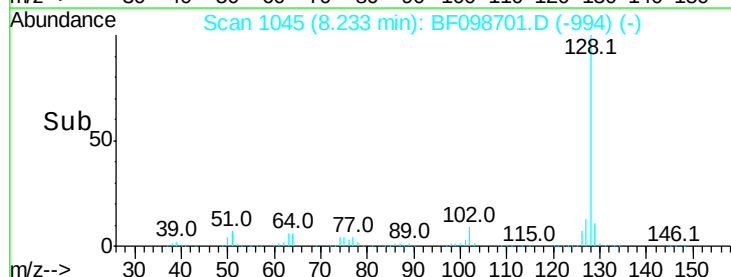
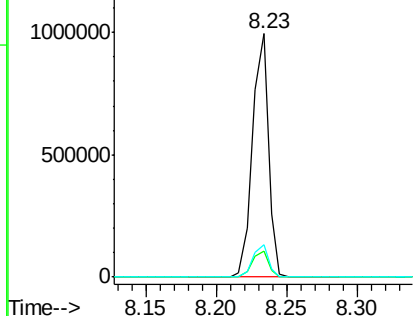


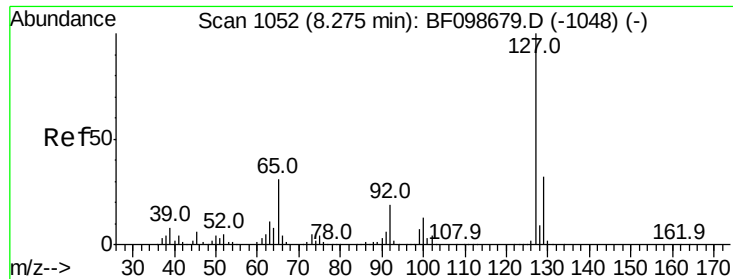
#31
 Naphthalene
 Concen: 26.922 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF098701.D
 Acq: 22 Sep 2017 15:47

Tgt Ion: 128 Resp: 794961
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.8 13.2
 127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

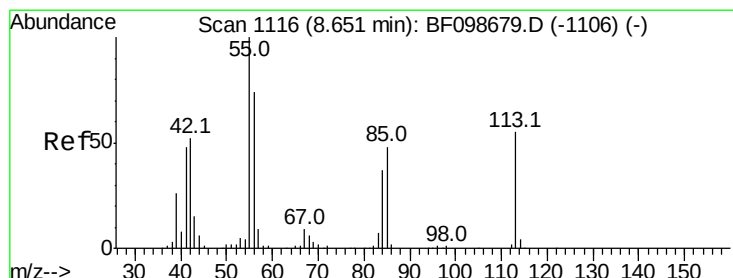
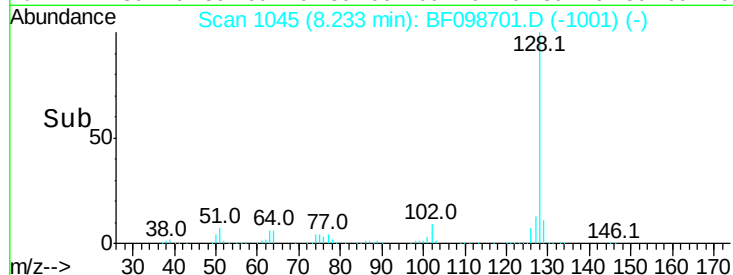
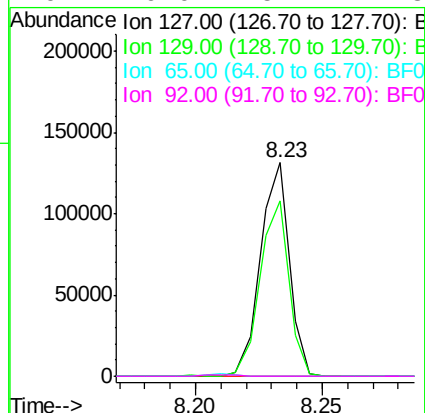
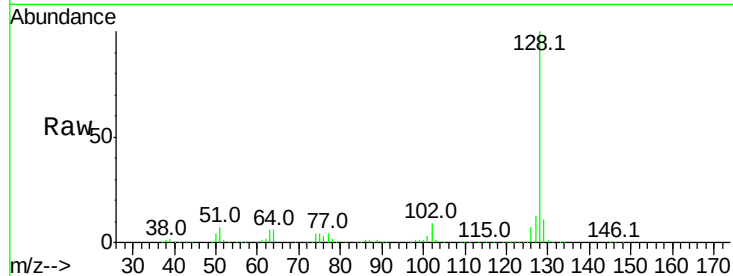




#33
4-Chloroaniline
Concen: 8.573 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

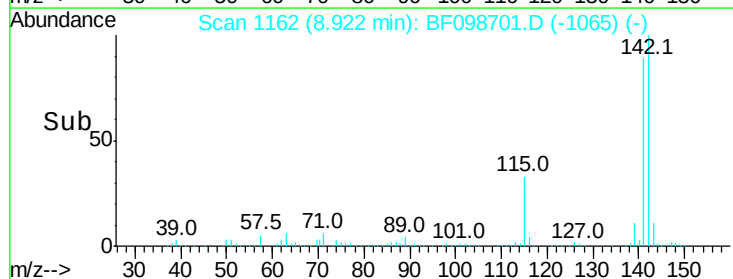
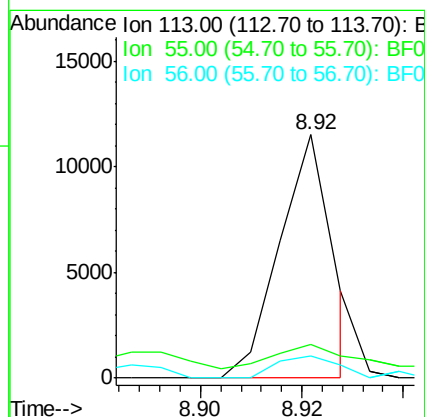
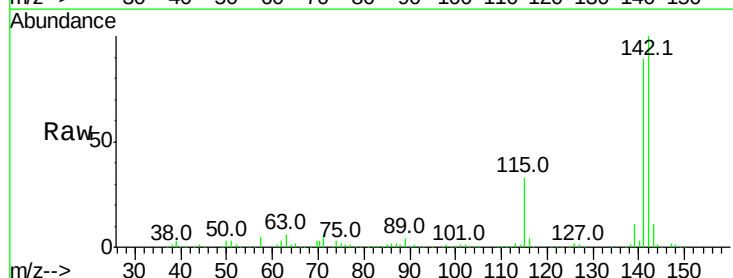
Instrument :
BNA_F
ClientSampleId :
NB-01-091917-BDL

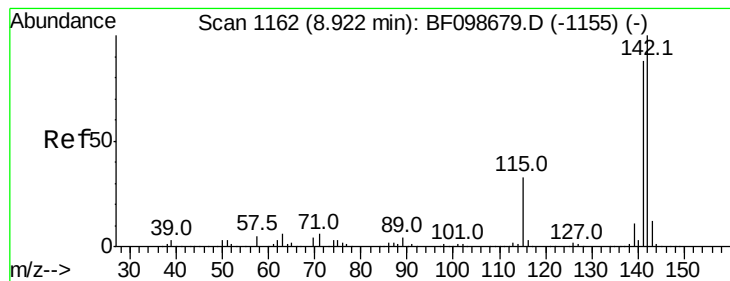
Tot Ion:	127	Resp:	105249
Ion	Ratio	Lower	Upper
127	100		
129	81.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#35
Caprolactam
Concen: 3.135 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.27 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

Tgt Ion:	113	Resp:	8262
Ion	Ratio	Lower	Upper
113	100		
55	13.7	163.3	203.3#
56	9.3	115.7	155.7#





#37

2-Methylnaphthalene

Concen: 20.538 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

Instrument :

BNA_F

ClientSampleId :

NB-01-091917-BDL

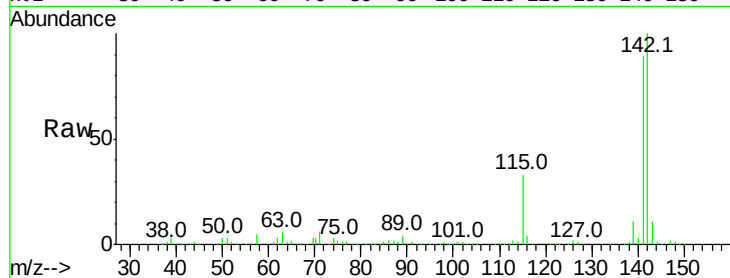
Tot Ion:142 Resp: 389402

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

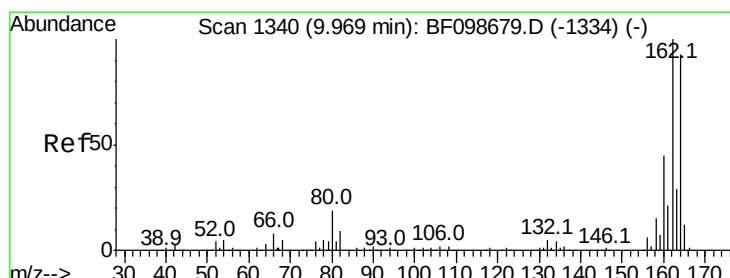
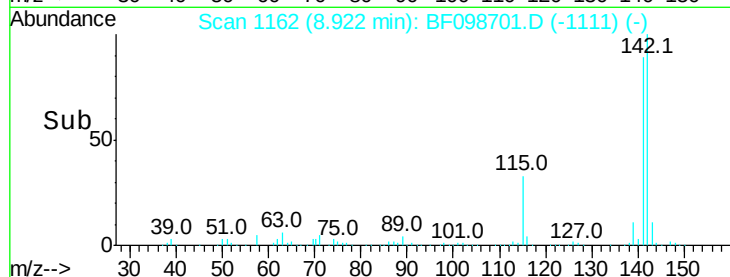
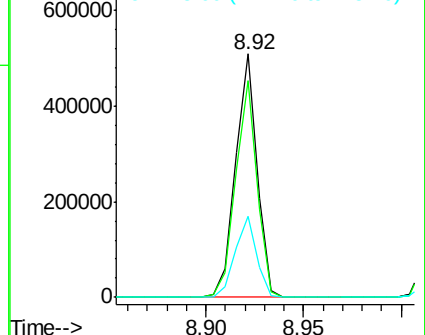
115 33.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

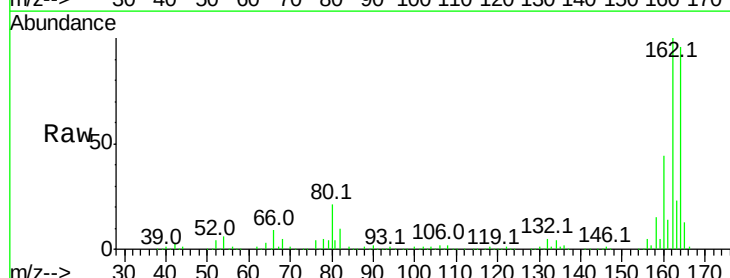
Tgt Ion:164 Resp: 252104

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

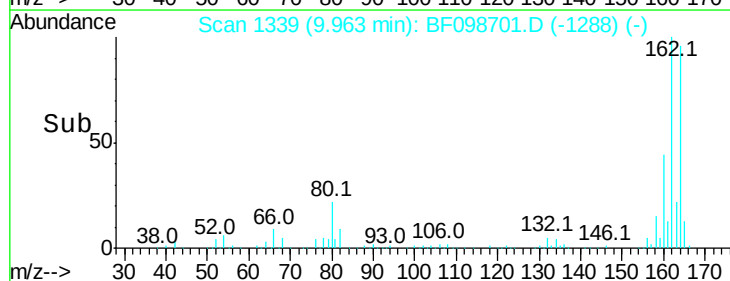
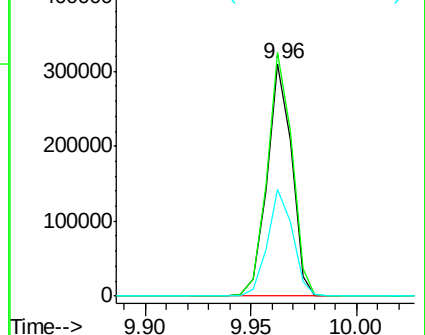
160 45.7 38.3 57.5

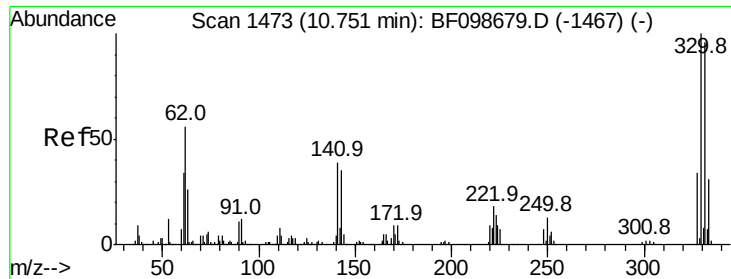


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

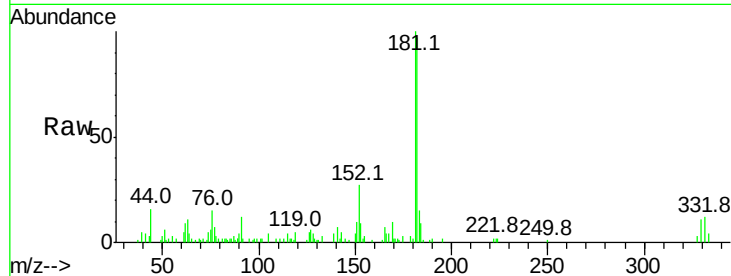




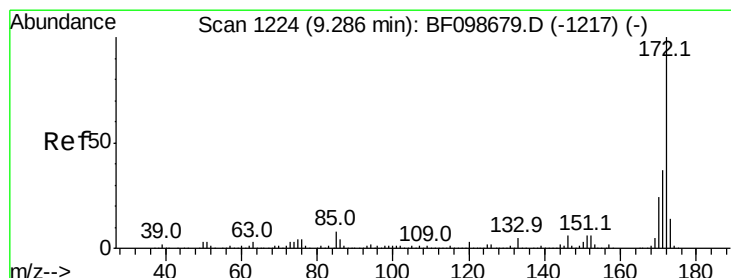
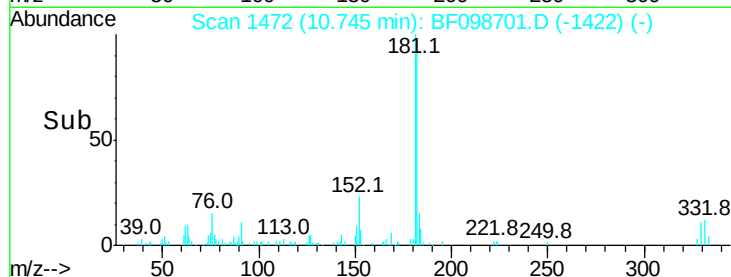
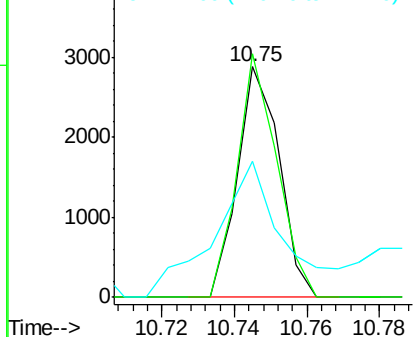
#41
 2,4,6-Tribromophenol
 Concen: 0.995 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098701.D
 Acq: 22 Sep 2017 15:47

Instrument :
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 NB-01-091917-BDL

Tot Ion:330 Resp: 2293
 Ion Ratio Lower Upper
 330 100
 332 100.7 77.0 115.6
 141 98.9 29.9 44.9#

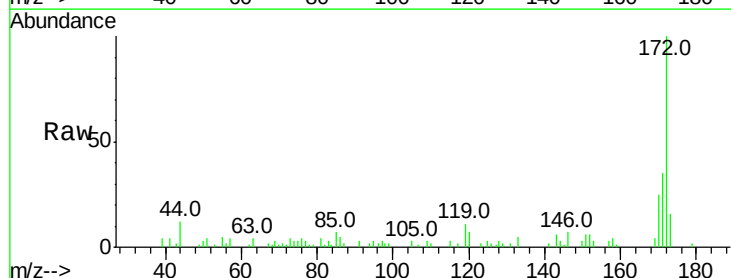


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

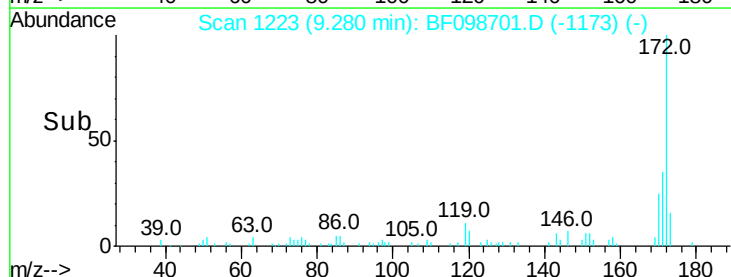
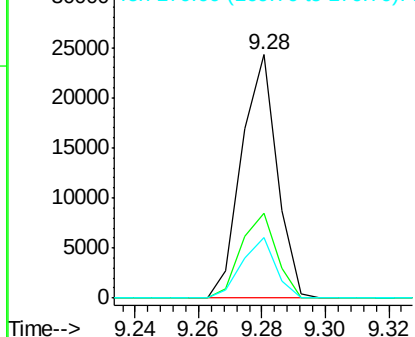


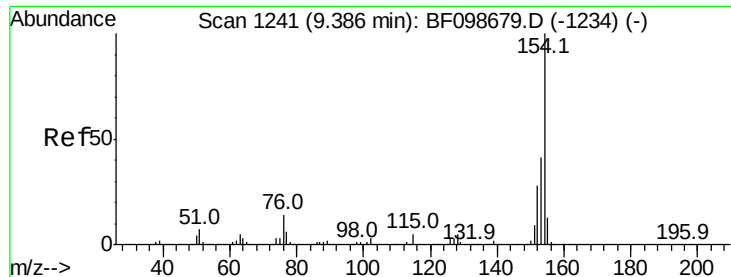
#44
 2-Fluorobiphenyl
 Concen: 1.184 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098701.D
 Acq: 22 Sep 2017 15:47

Tgt Ion:172 Resp: 18758
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.7 44.5
 170 24.7 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 2.832 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

Instrument :

BNA_F

ClientSampleId :

NB-01-091917-BDL

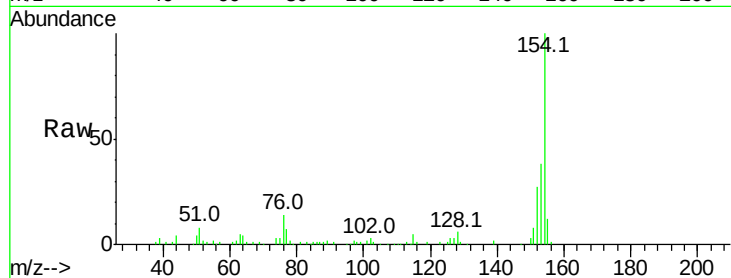
Tot Ion:154 Resp: 61337

Ion Ratio Lower Upper

154 100

153 38.1 21.3 61.3

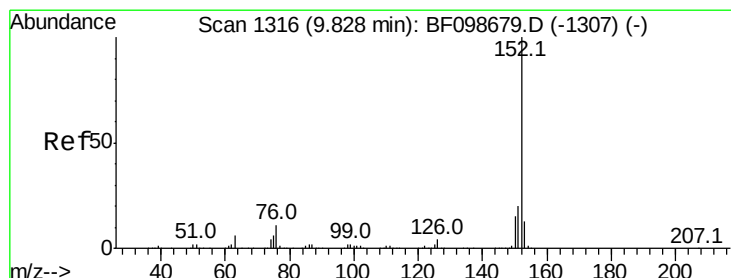
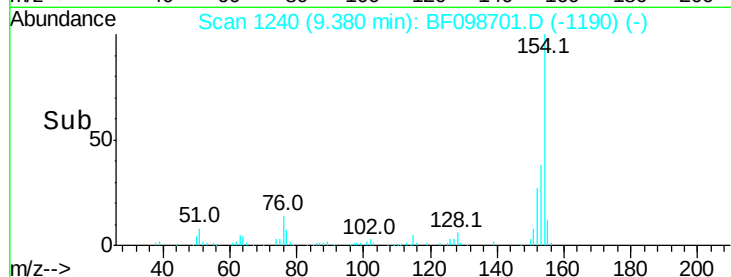
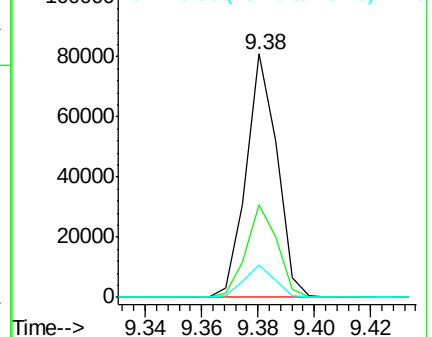
76 13.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 2.185 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

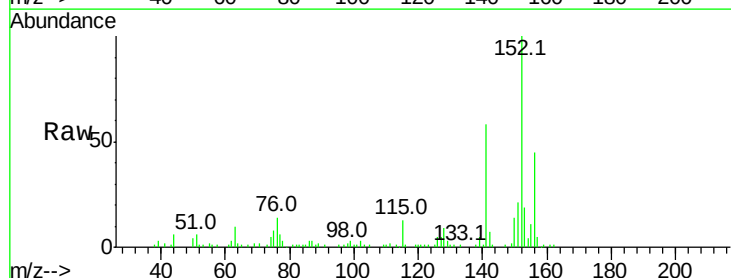
Tgt Ion:152 Resp: 54593

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

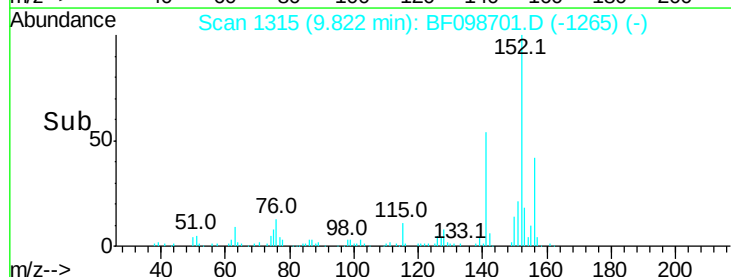
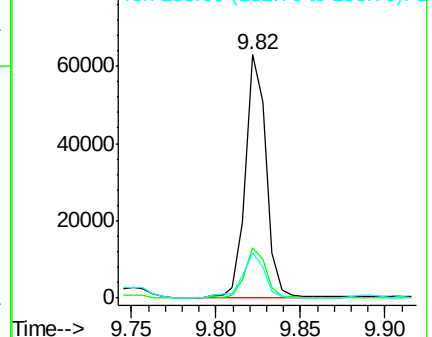
153 18.8 10.7 16.1#

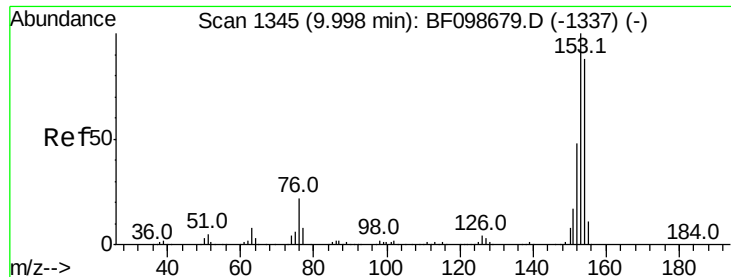


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 8.605 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

Instrument :

BNA_F

ClientSampleId :

NB-01-091917-BDL

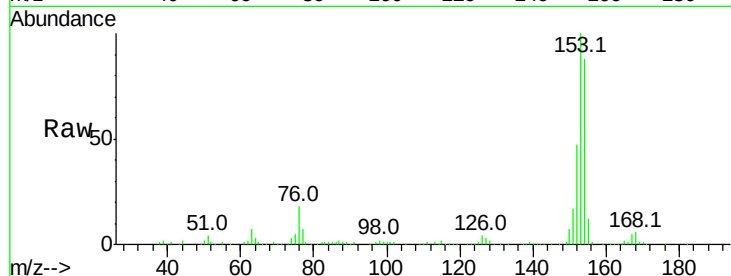
Tot Ion:154 Resp: 133430

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	53.7	43.8	65.8

154 100

153 113.8 91.2 136.8

152 53.7 43.8 65.8



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

10.00

250000

200000

150000

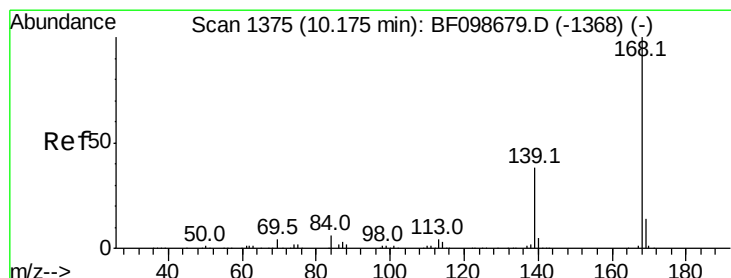
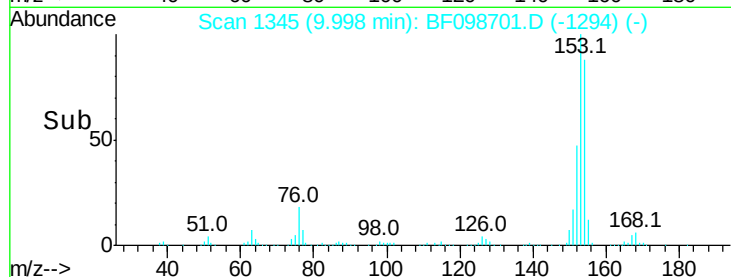
100000

50000

0

Time-->

9.95 10.00 10.05



#54

Dibenzofuran

Concen: 7.884 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

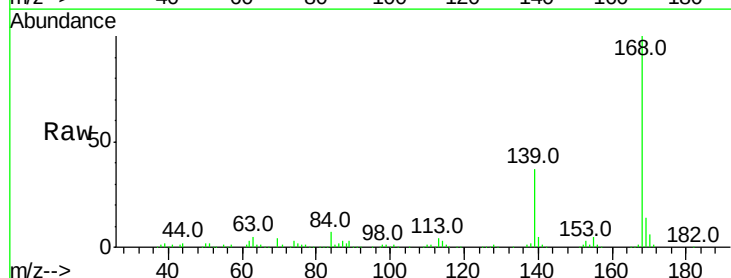
Tgt Ion:168 Resp: 166920

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.8	10.9	16.3

168 100

139 37.1 30.1 45.1

169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

10.17

250000

200000

150000

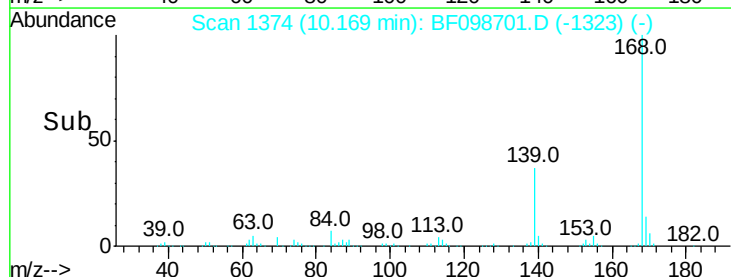
100000

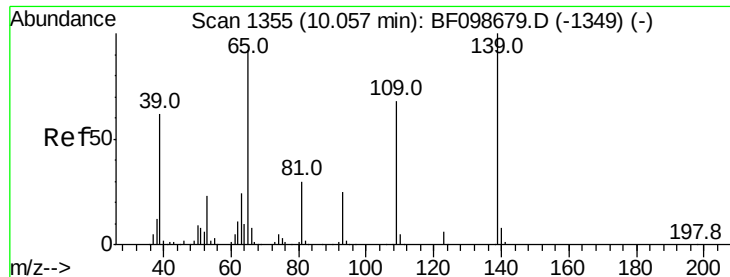
50000

0

Time-->

10.15 10.20





#55

4-Nitrophenol

Concen: 16.663 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.11 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

Instrument :

BNA_F

ClientSampleId :

NB-01-091917-BDL

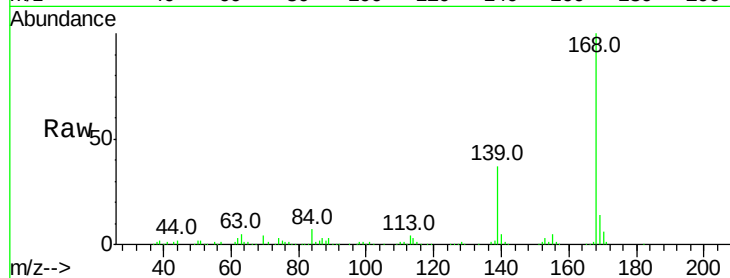
Tot Ion:139 Resp: 64484

Ion Ratio Lower Upper

139 100

109 1.1 48.4 88.4#

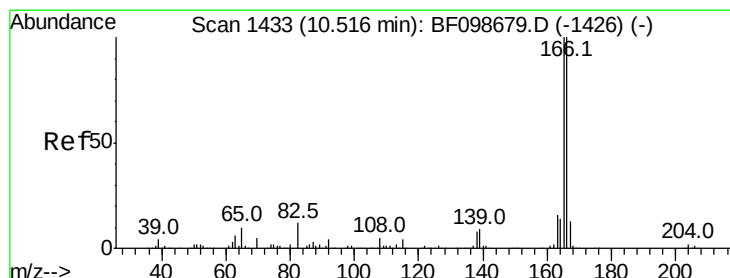
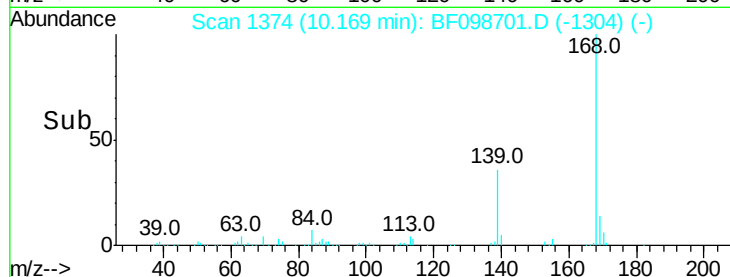
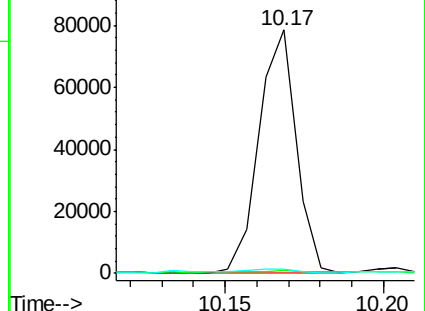
65 1.8 72.6 112.6#



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): BF0



#57

Fluorene

Concen: 14.201 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

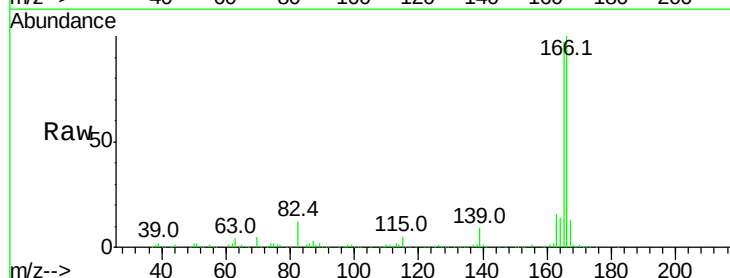
Tgt Ion:166 Resp: 241668

Ion Ratio Lower Upper

166 100

165 96.8 79.8 119.8

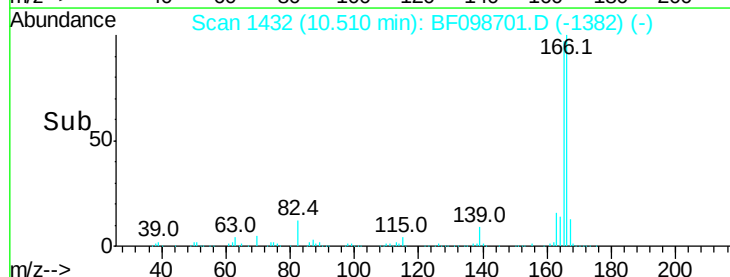
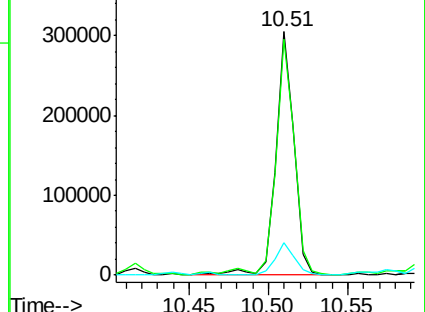
167 13.4 10.6 16.0

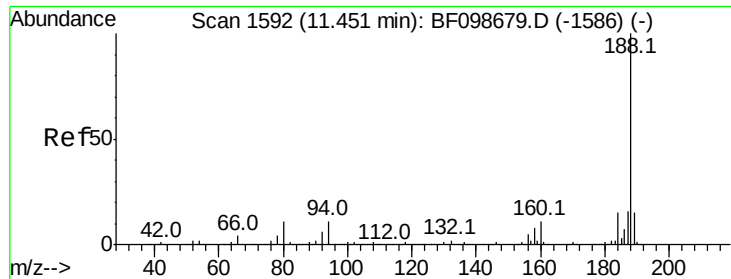


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

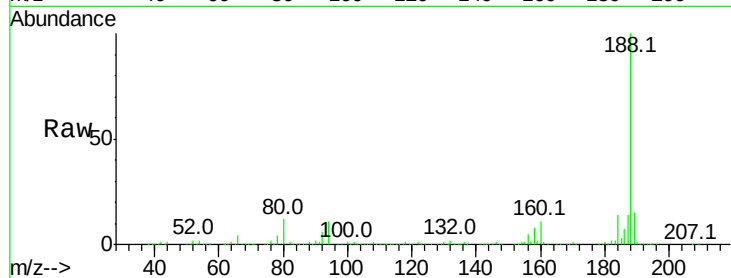




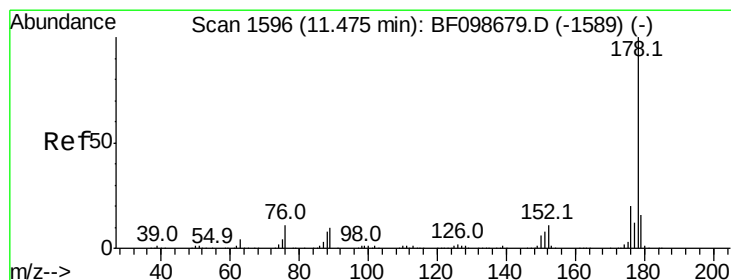
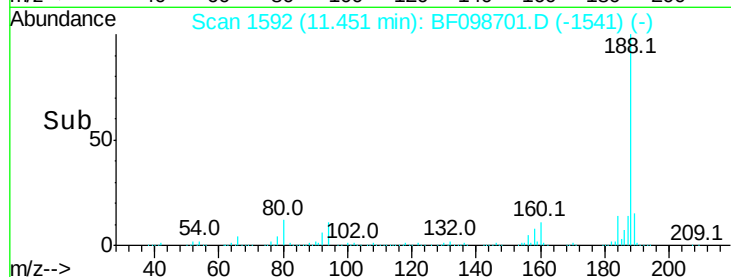
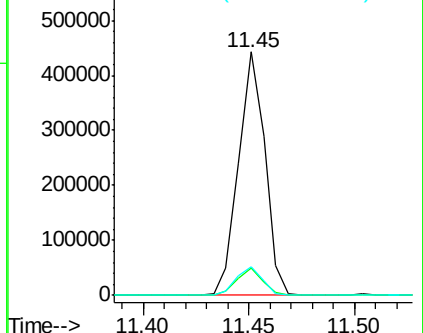
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

Instrument :
BNA_F
ClientSampleId :
NB-01-091917-BDL

Tot Ion:188 Resp: 383312
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.7 9.2 13.8

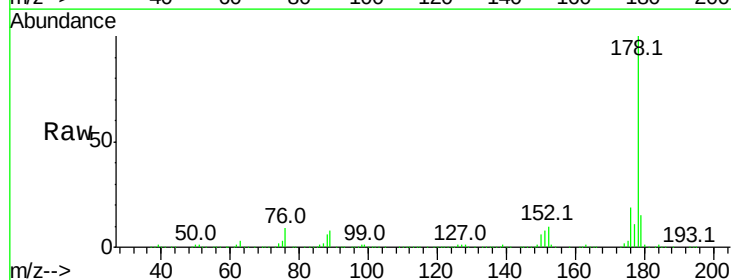


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

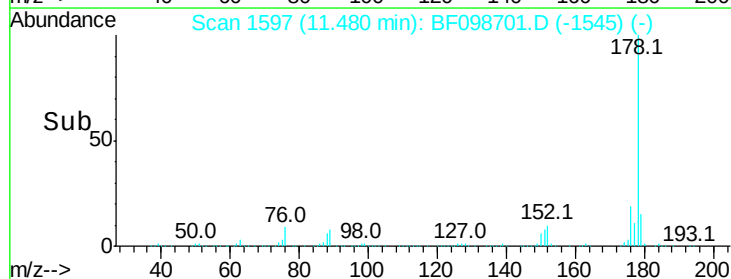
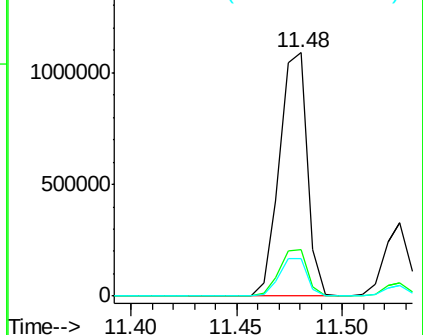


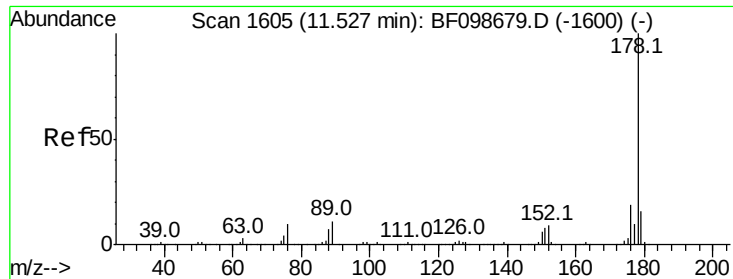
#70
Phenanthrene
Concen: 48.219 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

Tgt Ion:178 Resp: 1002647
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.3 13.0 19.6



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

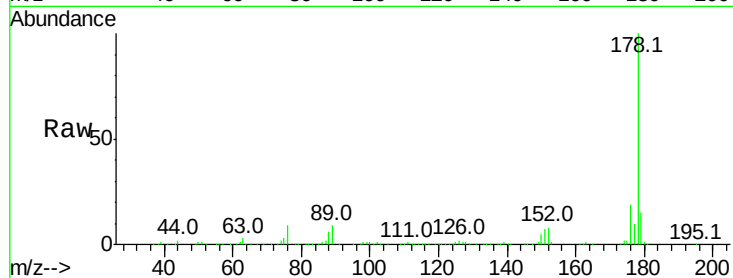




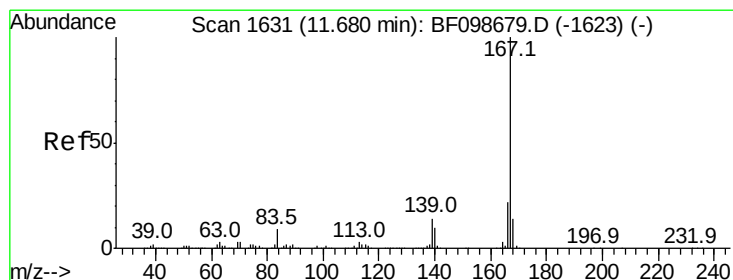
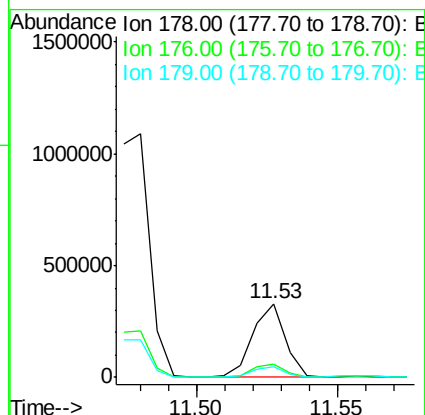
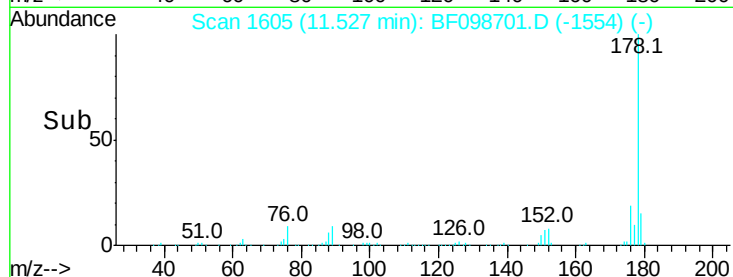
#71
 Anthracene
 Concen: 12.245 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF098701.D
 Acq: 22 Sep 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-091917-BDL

Tot Ion:178 Resp: 259623
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.2 12.6 19.0

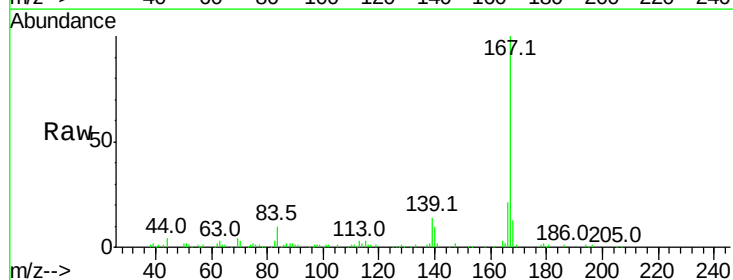


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

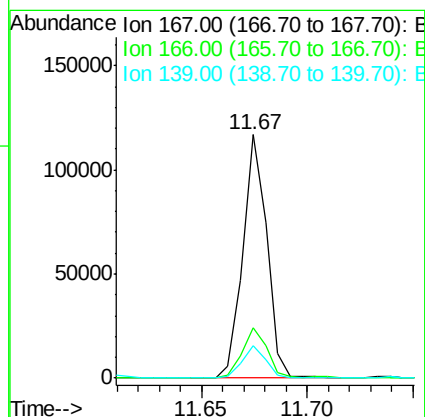
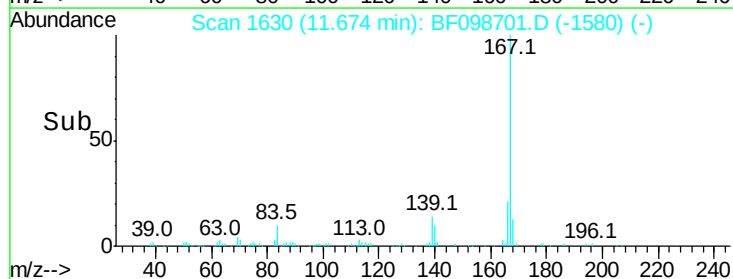


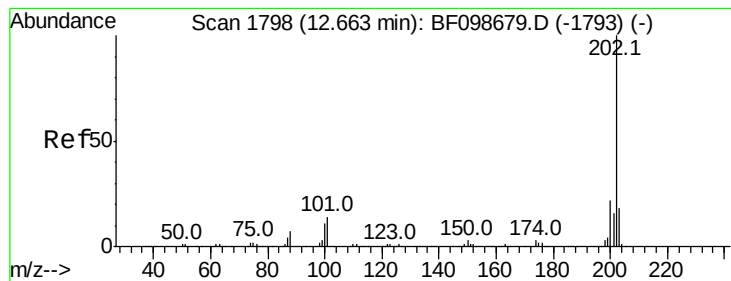
#72
 Carbazole
 Concen: 4.402 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF098701.D
 Acq: 22 Sep 2017 15:47

Tgt Ion:167 Resp: 91201
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.6 26.4
 139 13.6 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





#74

Fluoranthene

Concen: 29.689 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

Instrument :

BNA_F

ClientSampleId :

NB-01-091917-BDL

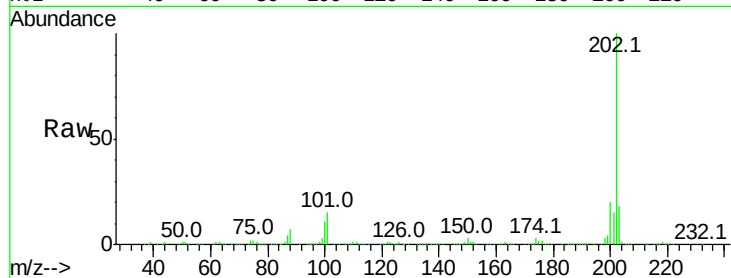
Tot Ion:202 Resp: 615225

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

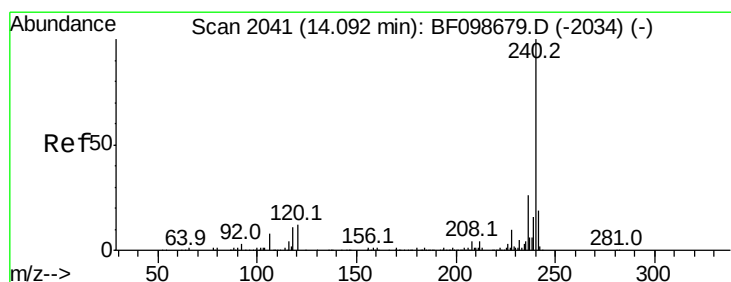
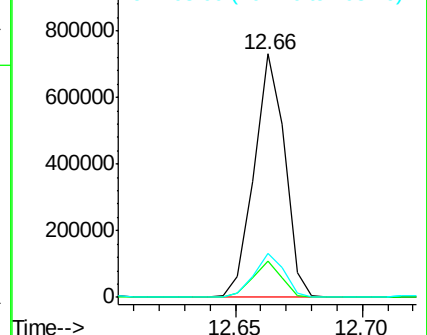
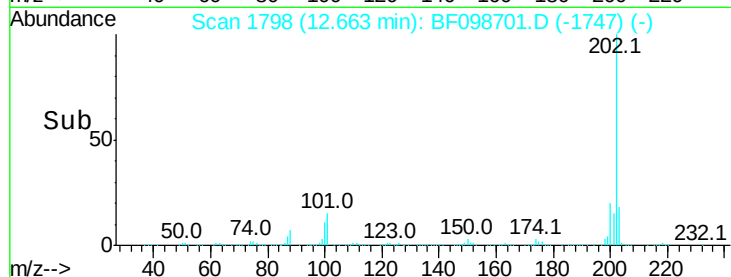
203 18.0 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

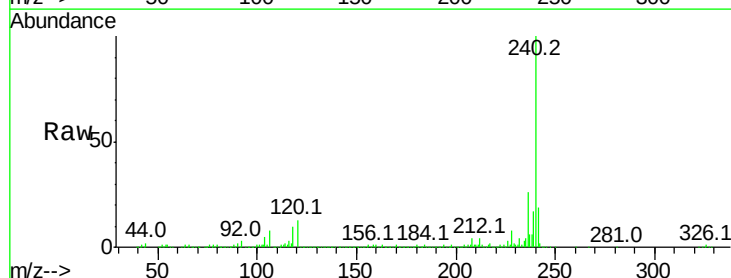
Tgt Ion:240 Resp: 336349

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

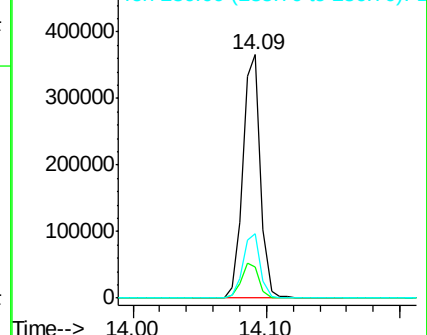
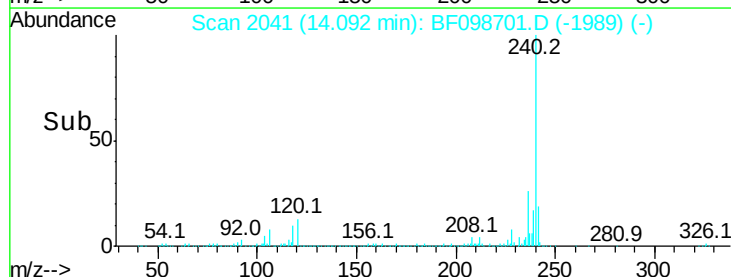
236 26.5 20.7 31.1

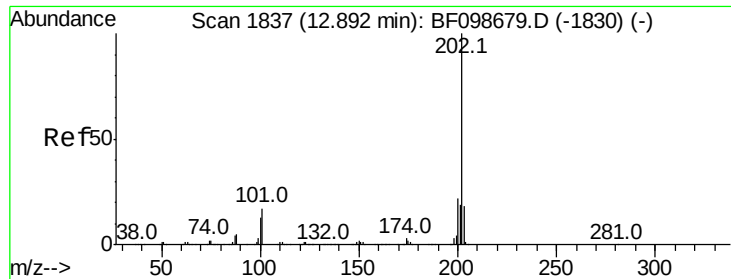


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

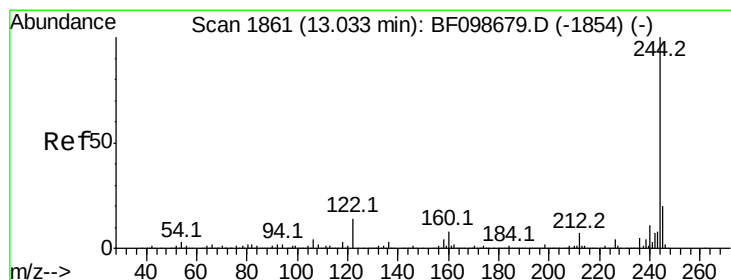
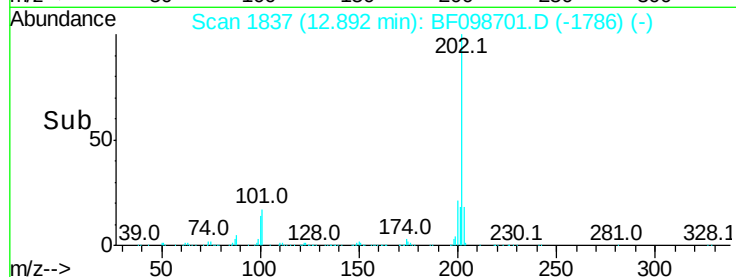
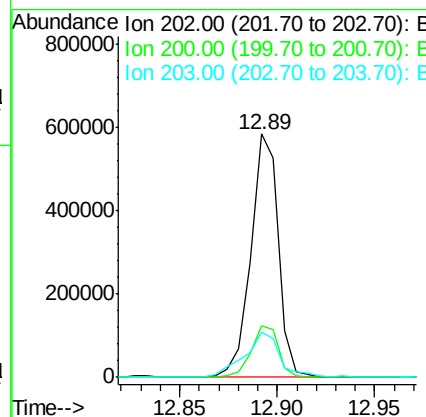
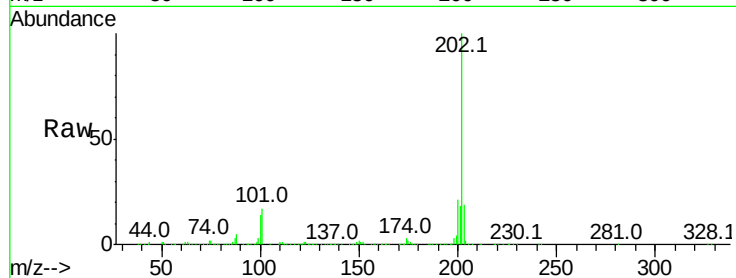




#77
Pvrene
Concen: 22.736 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

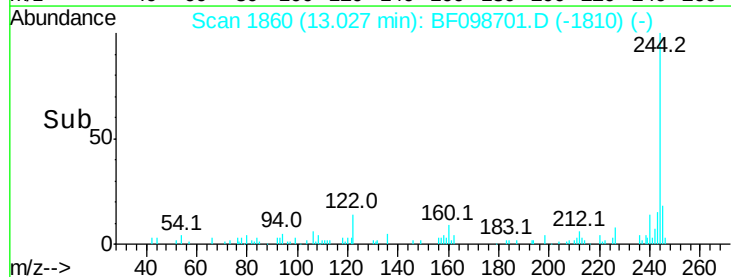
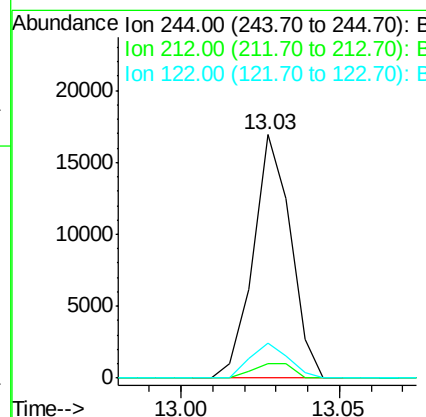
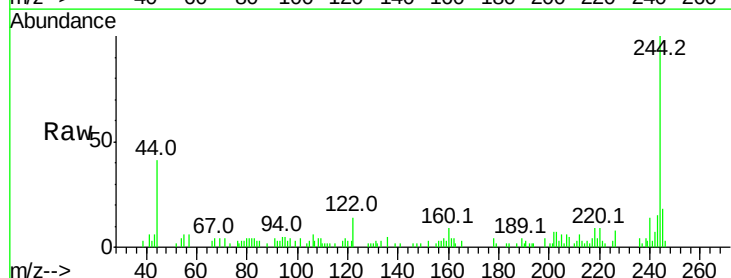
Instrument :
BNA_F
ClientSampleId :
NB-01-091917-BDL

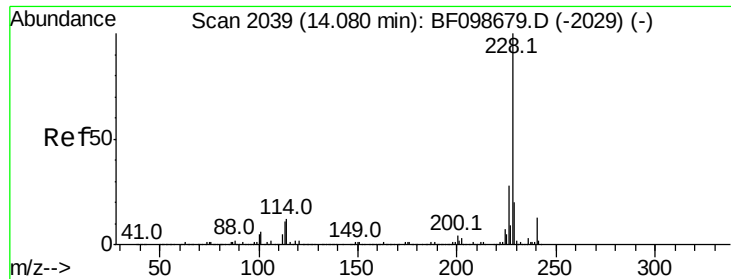
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	18.7	14.3	21.5



#78
Terphenyl-d14
Concen: 0.883 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	14.4	11.0	16.4





#80

Benzo(a)anthracene

Concen: 11.134 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

Instrument :

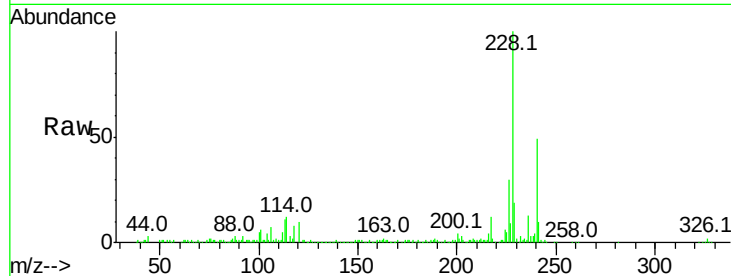
BNA_F

ClientSampleId :

NB-01-091917-BDL

Tot Ion:228 Resp: 225577

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	19.5	15.8	23.6

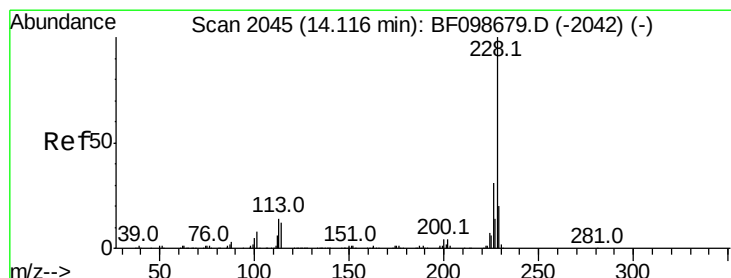
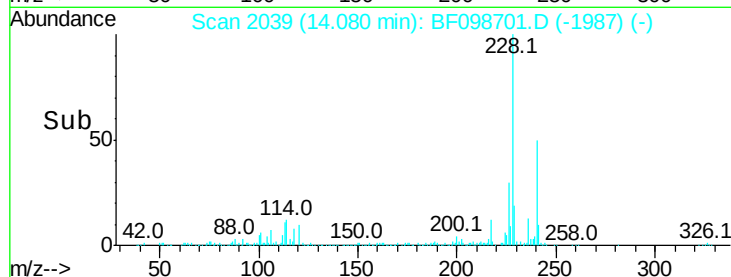
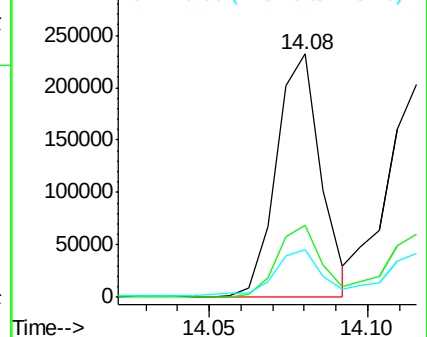


Abundance

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



#82

Chrysene

Concen: 10.152 ng

RT: 14.12 min Scan# 2045

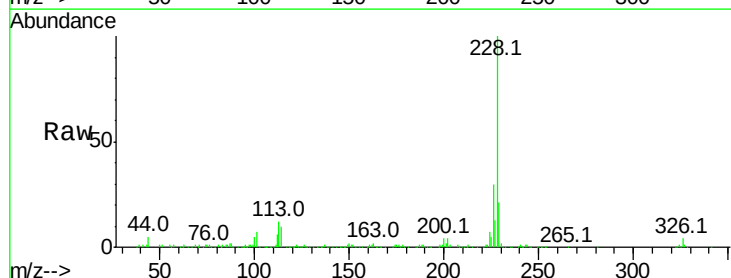
Delta R.T. 0.00 min

Lab File: BF098701.D

Acq: 22 Sep 2017 15:47

Tgt Ion:228 Resp: 198636

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	20.6	16.2	24.4

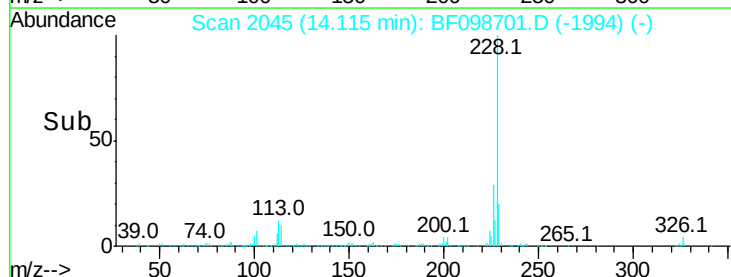
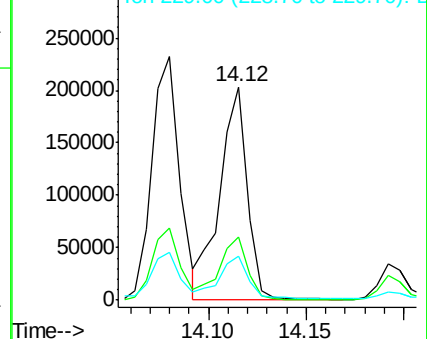


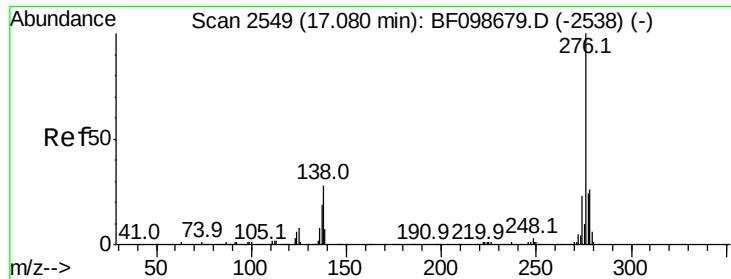
Abundance

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

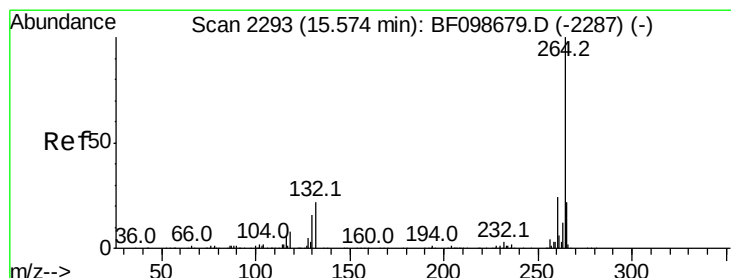
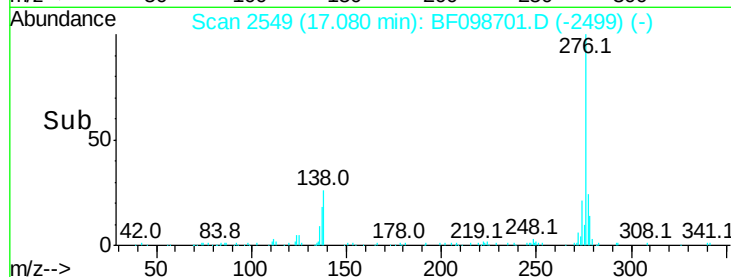
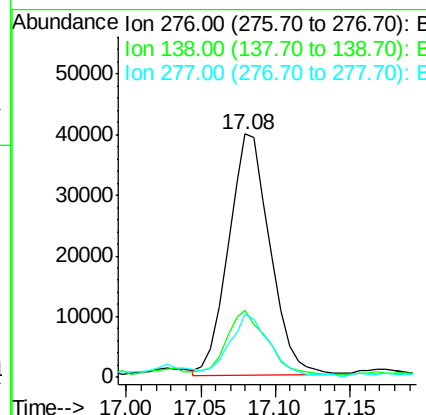
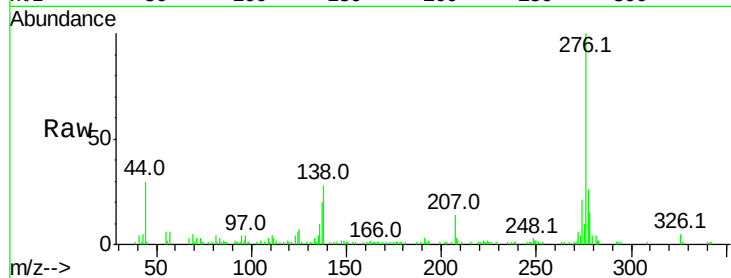




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.100 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF098701.D
 Acq: 22 Sep 2017 15:47

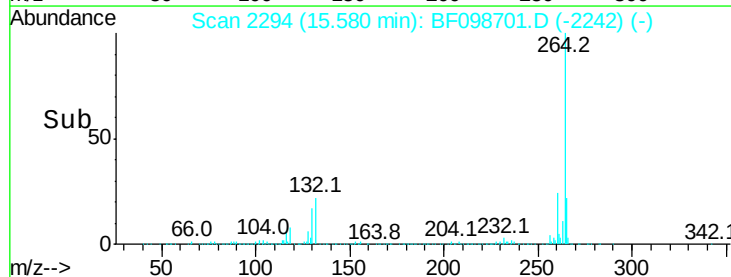
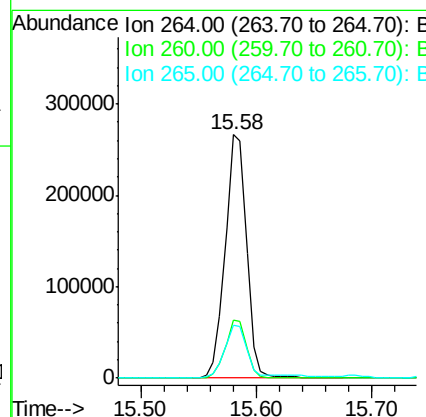
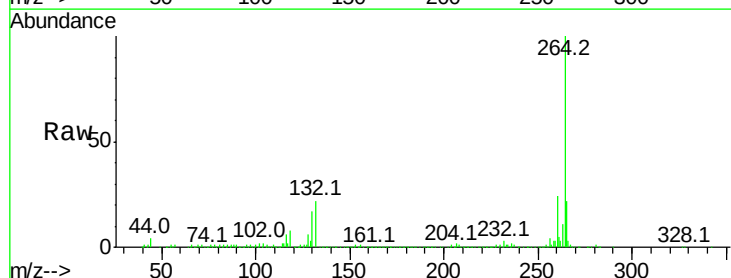
Instrument :
 BNA_F
 ClientSampleId :
 NB-01-091917-BDL

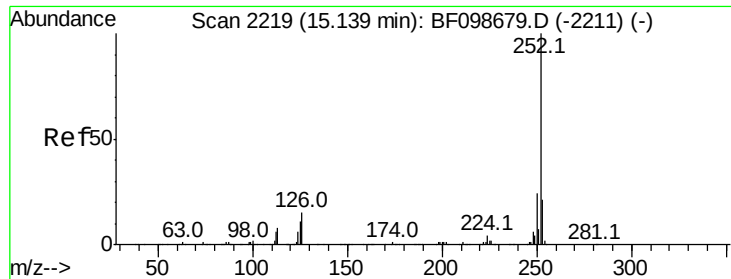
Tot Ion:276 Resp: 77405
 Ion Ratio Lower Upper
 276 100
 138 25.8 25.0 37.6
 277 26.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098701.D
 Acq: 22 Sep 2017 15:47

Tgt Ion:264 Resp: 342690
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 17.5 26.3

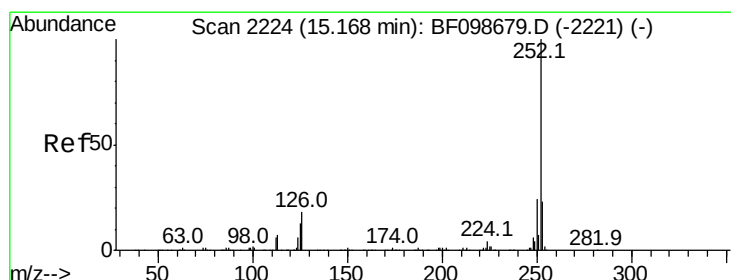
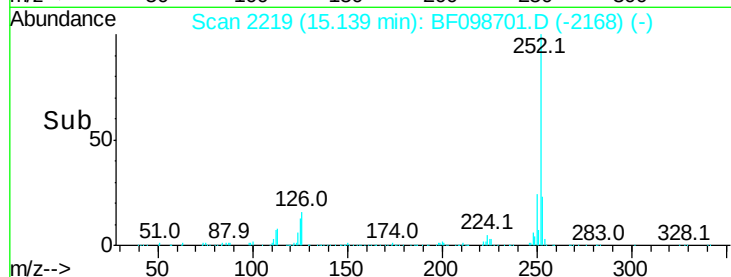
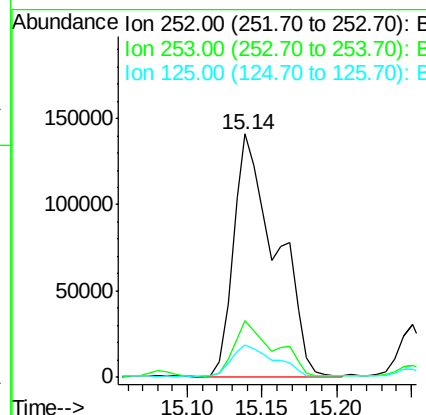
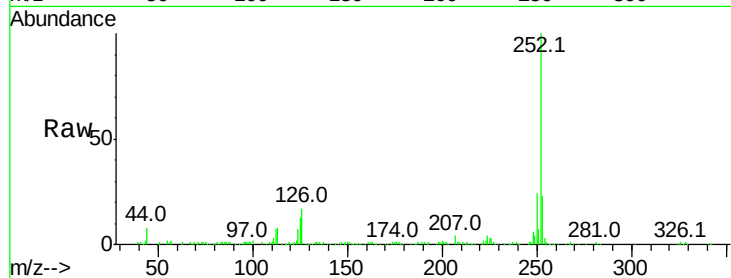




#87
Benzo(b)fluoranthene
Concen: 13.979 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

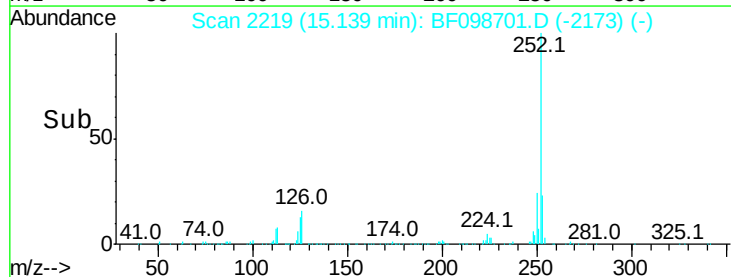
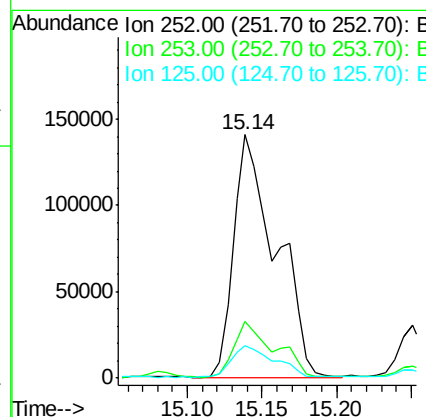
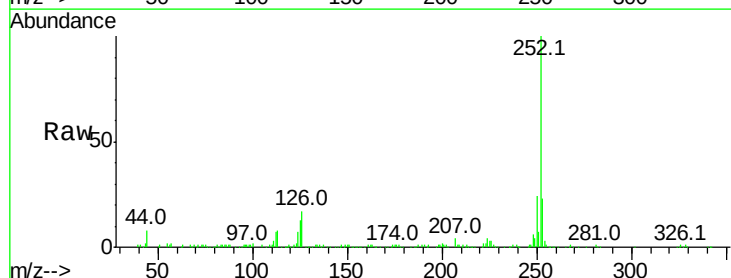
Instrument :
BNA_F
ClientSampleId :
NB-01-091917-BDL

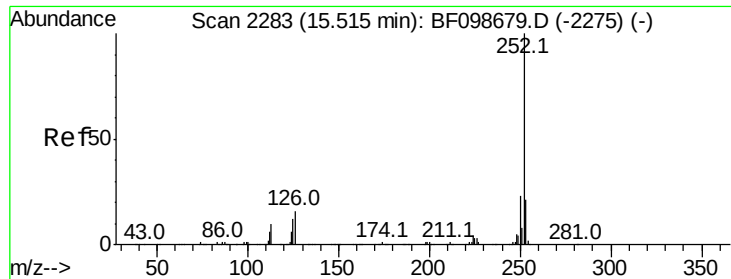
Tot Ion:252 Resp: 277828
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 13.989 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

Tgt Ion:252 Resp: 277828
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 13.2 10.2 15.2

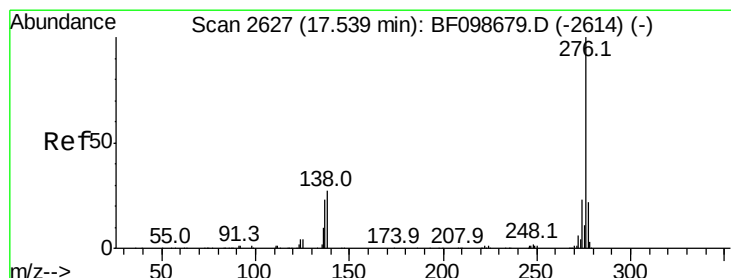
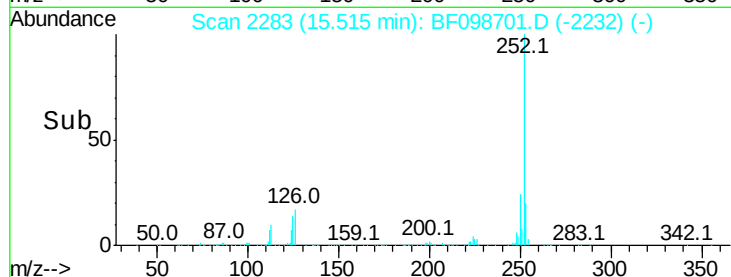
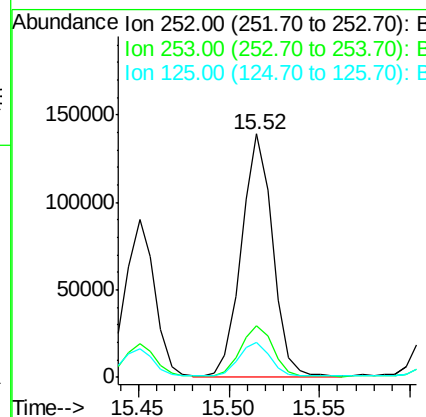
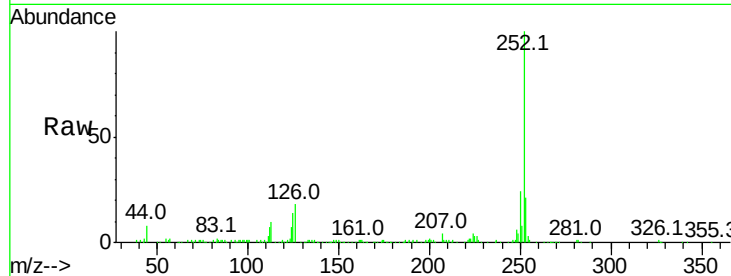




#89
Benzo(a)pyrene
Concen: 9.181 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

Instrument :
BNA_F
ClientSampleId :
NB-01-091917-BDL

Tot Ion:252 Resp: 165705
Ion Ratio Lower Upper
252 100
253 21.0 17.1 25.7
125 14.3 9.8 14.6



#91
Benzo(g,h,i)perylene
Concen: 4.874 ng
RT: 17.54 min Scan# 2627
Delta R.T. -0.01 min
Lab File: BF098701.D
Acq: 22 Sep 2017 15:47

Tgt Ion:276 Resp: 74789
Ion Ratio Lower Upper
276 100
277 24.3 17.9 26.9
138 27.5 21.8 32.8

