

Data File : BF100515.D
Acq On : 13 Nov 2017 20:54
Operator : SJ/JU
Sample : I6300-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-B

Quant Time: Nov 14 00:54:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	74840	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	272813	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	111409	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	175570	20.00	ng	0.00
75) Chrysene-d12	14.06	240	148660	20.00	ng	0.00
86) Perylene-d12	15.54	264	112052	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	56283	12.06	ng	0.00
7) Phenol-d6	6.50	99	67674	11.75	ng	-0.01
23) Nitrobenzene-d5	7.45	82	36048	8.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	13293	11.71	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	87685	11.98	ng	0.00
78) Terphenyl-d14	13.00	244	63247	9.78	ng	0.00

Target Compounds						Qvalue
25) Isophorone	7.45	82	36048	4.16	ng	# 64
31) Naphthalene	8.19	128	44896	3.42	ng	99
37) 2-Methylnaphthalene	8.89	142	27955	3.20	ng	97
47) 2-Nitroaniline	9.59	65	391	2.96	ng	# 2
48) Acenaphthylene	9.79	152	39604	3.42	ng	98
49) Dimethylphthalate	9.64	163	17961	2.11	ng	# 99
50) 2,6-Dinitrotoluene	9.93	165	15459	9.18	ng	# 24
51) Acenaphthene	9.96	154	30868	4.38	ng	98
54) Dibenzofuran	10.13	168	28118	2.85	ng	# 96
55) 4-Nitrophenol	10.13	139	10932	6.77	ng	# 9
57) Fluorene	10.47	166	52349	7.24	ng	98
70) Phenanthrene	11.45	178	437437	47.32	ng	97
71) Anthracene	11.49	178	133719	14.26	ng	98
72) Carbazole	11.65	167	27249	3.15	ng	100
74) Fluoranthene	12.63	202	635717	64.89	ng	95
77) Pyrene	12.86	202	586242	55.32	ng	99
80) Benzo(a)anthracene	14.04	228	320075	35.75	ng	97
82) Chrysene	14.09	228	268664	30.99	ng	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	93069	13.27	ng	# 88
87) Benzo(b)fluoranthene	15.10	252	346359	52.17	ng	97
88) Benzo(k)fluoranthene	15.41	252	103152	16.45	ng	97
89) Benzo(a)pyrene	15.47	252	175735	29.86	ng	96
90) Dibenzo(a,h)anthracene	17.21	278	22668	4.71	ng	98
91) Benzo(g,h,i)perylene	17.48	276	85929	18.24	ng	# 90

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

Data File : BF100515.D

Acq On : 13 Nov 2017 20:54

Operator : SJ/JU

Sample : I6300-03 10X

Misc :

ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-B

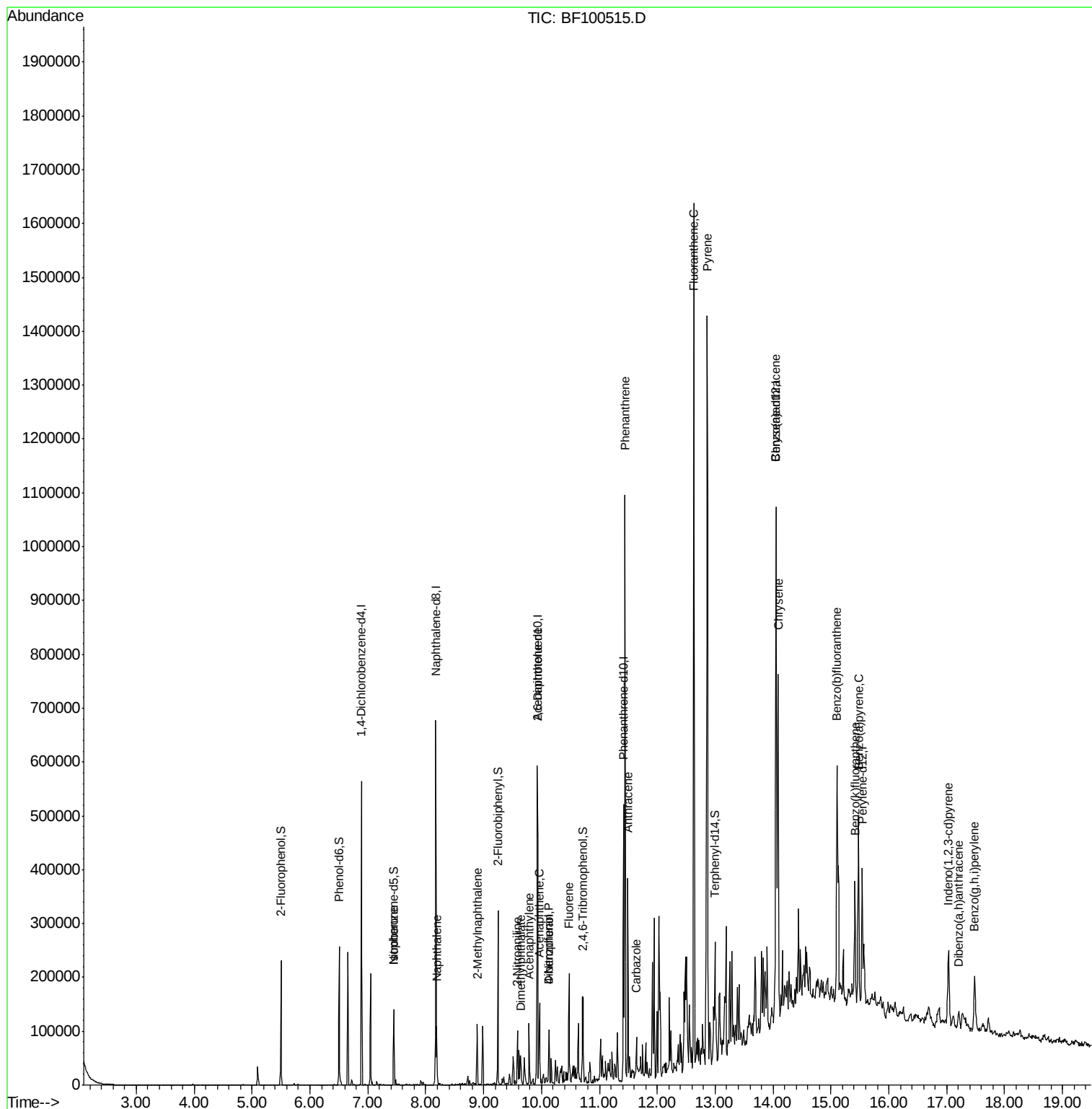
Quant Time: Nov 14 00:54:49 2017

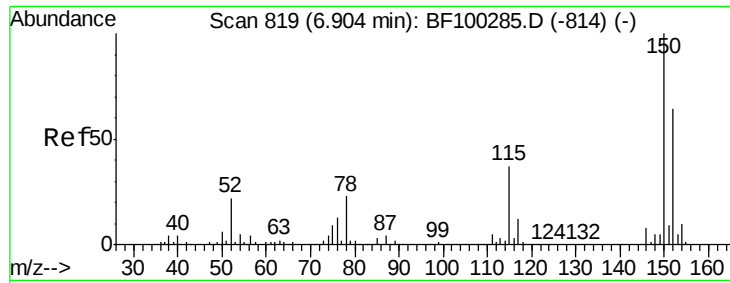
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 13 14:08:38 2017

Response via : Initial Calibration

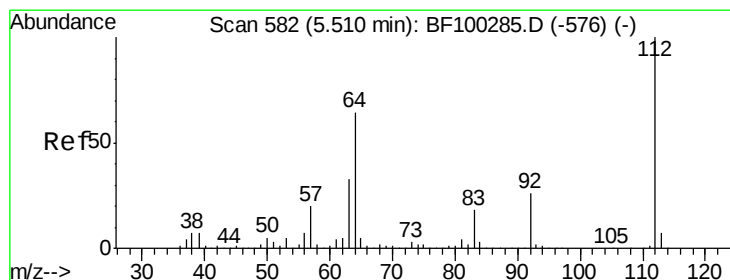
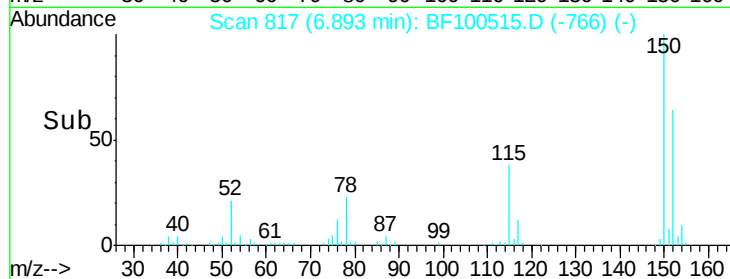
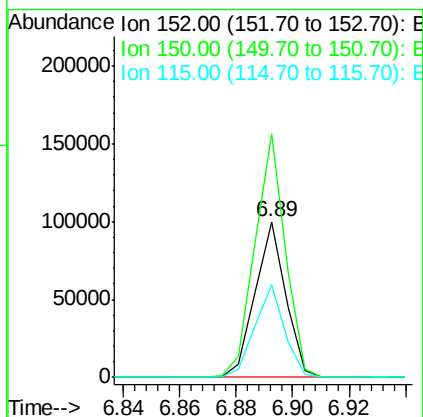
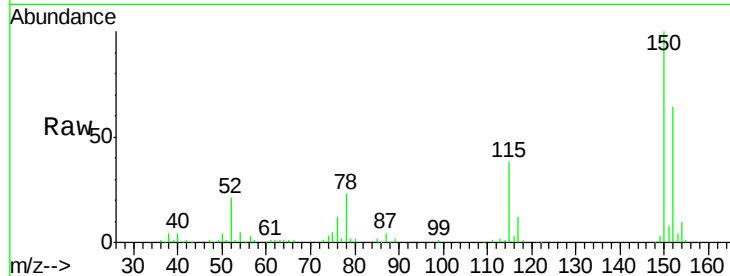




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF100515.D
 Acq: 13 Nov 2017 20:54

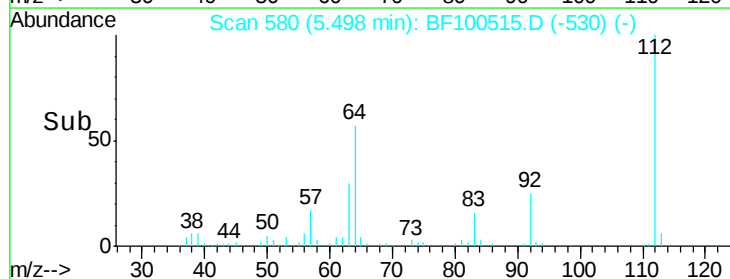
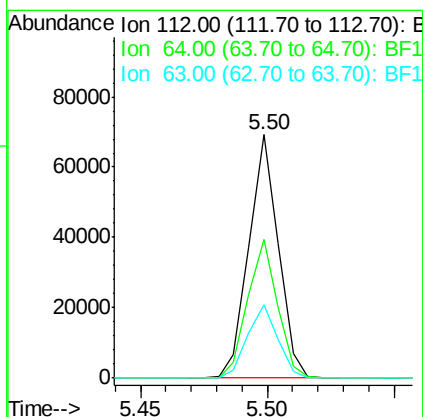
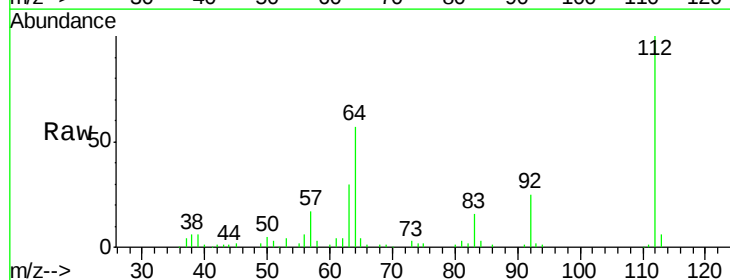
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-B

Tgt Ion:152 Resp: 74840
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 59.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 12.06 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF100515.D
 Acq: 13 Nov 2017 20:54

Tgt Ion:112 Resp: 56283
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.9 71.9
 63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 11.75 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-B

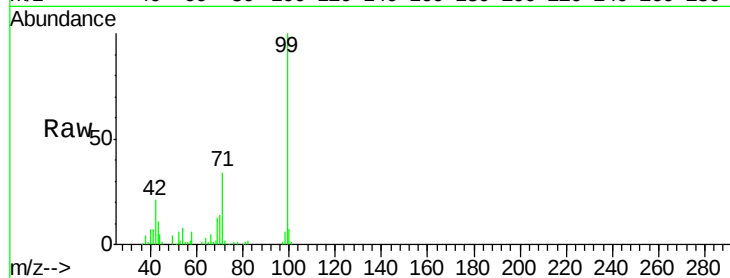
Tgt Ion: 99 Resp: 67674

Ion Ratio Lower Upper

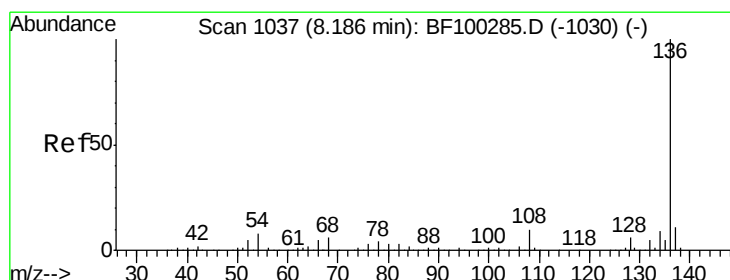
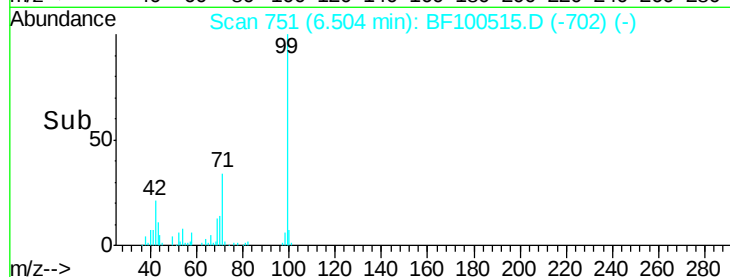
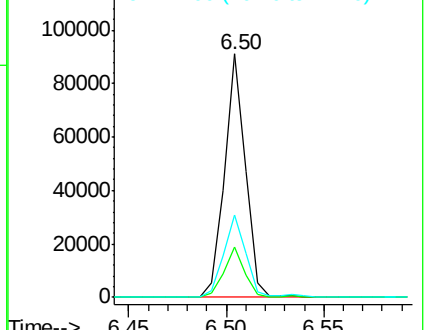
99 100

42 20.7 14.5 21.7

71 33.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

Tgt Ion: 136 Resp: 272813

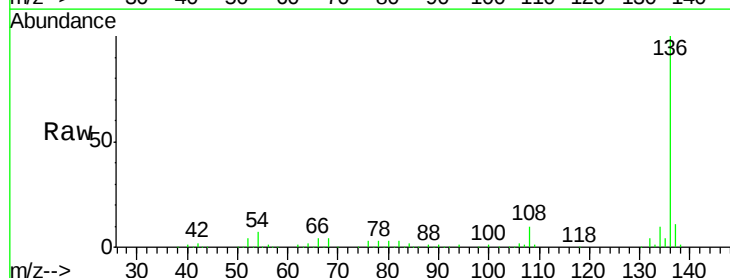
Ion Ratio Lower Upper

136 100

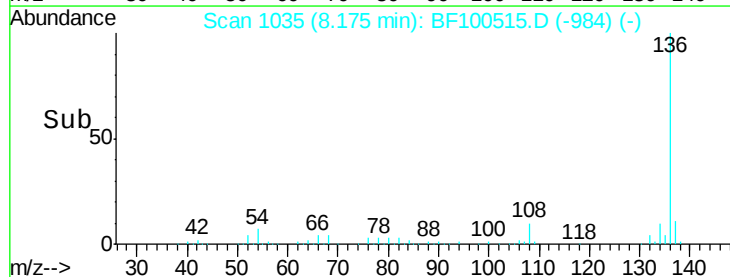
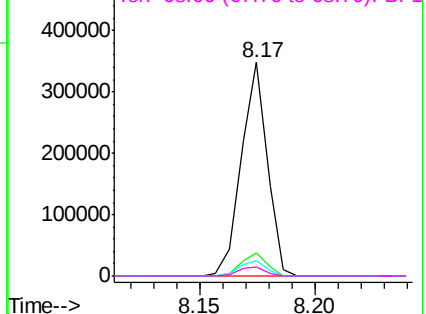
137 10.7 8.9 13.3

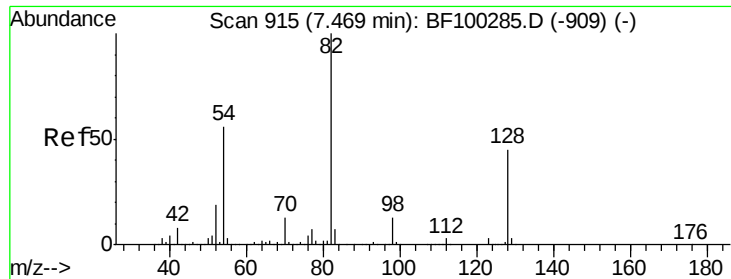
54 7.4 6.6 9.8

68 4.3 5.0 7.4#



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

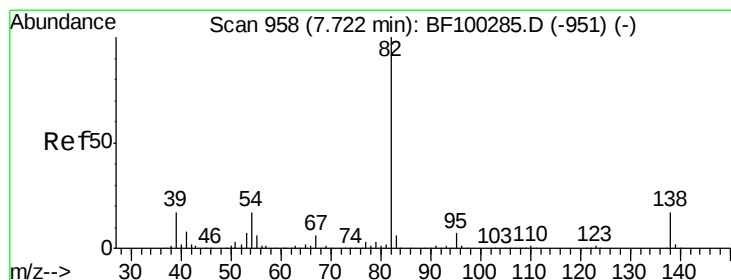
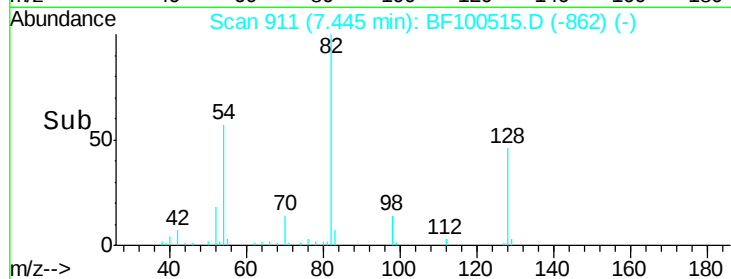
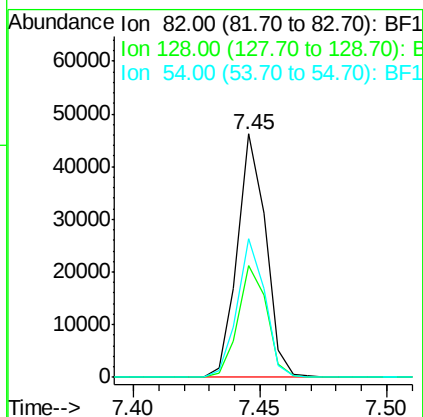
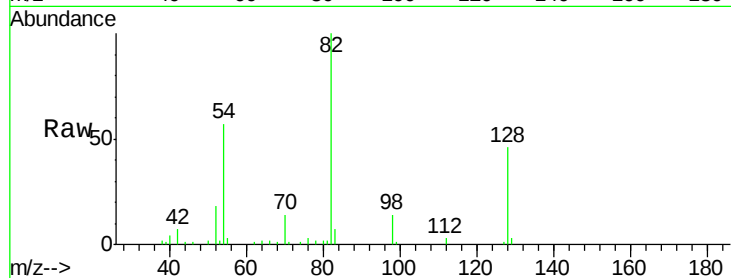




#23
 Nitrobenzene-d5
 Concen: 8.74 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100515.D
 Acq: 13 Nov 2017 20:54

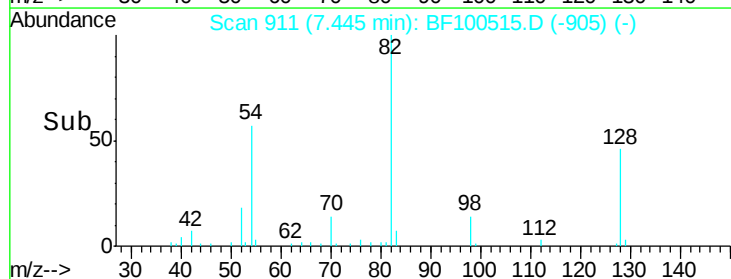
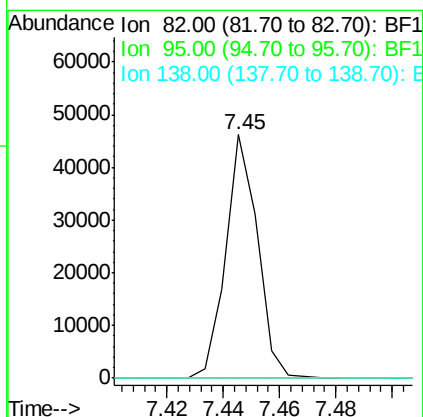
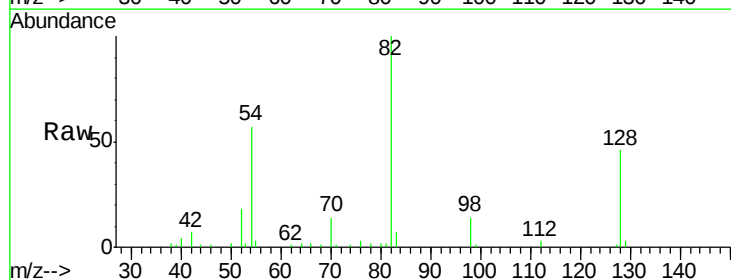
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-B

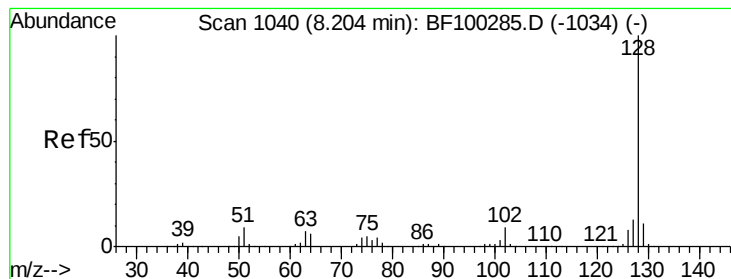
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	56.7	41.4	62.2



#25
 Isophorone
 Concen: 4.16 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF100515.D
 Acq: 13 Nov 2017 20:54

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#31

Naphthalene

Concen: 3.42 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-B

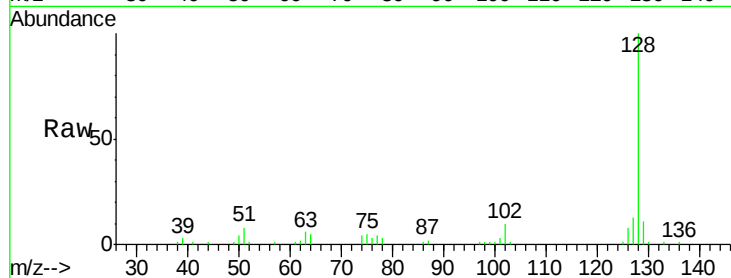
Tgt Ion:128 Resp: 44896

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

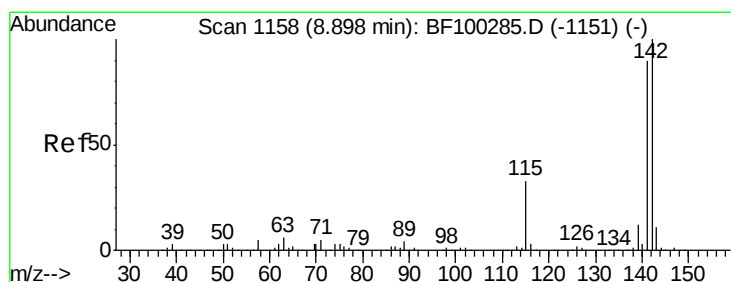
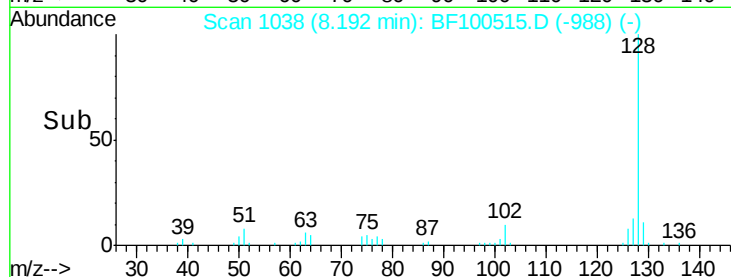
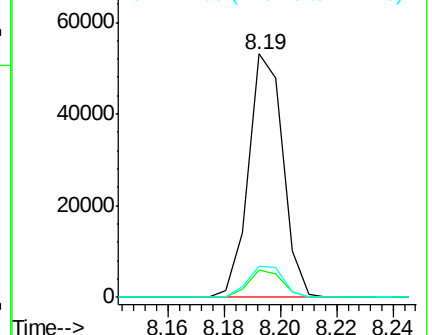
127 13.0 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 3.20 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

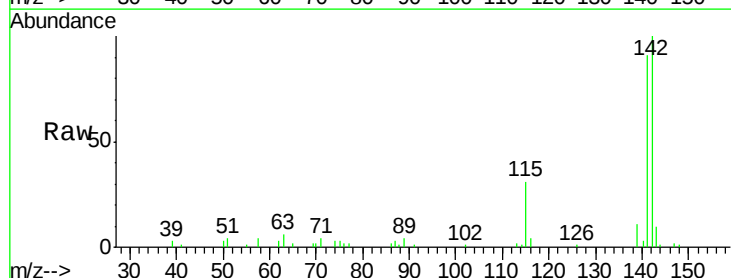
Tgt Ion:142 Resp: 27955

Ion Ratio Lower Upper

142 100

141 90.7 70.8 106.2

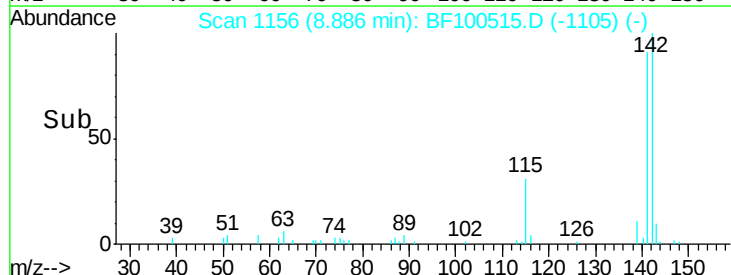
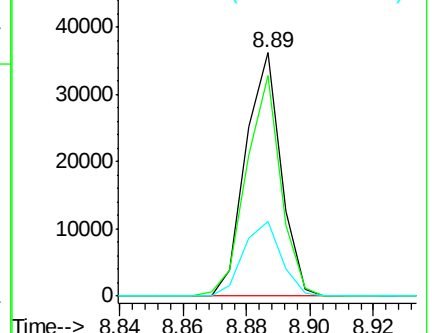
115 30.8 26.1 39.1



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

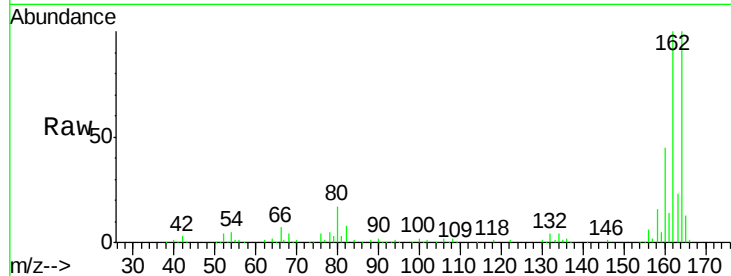




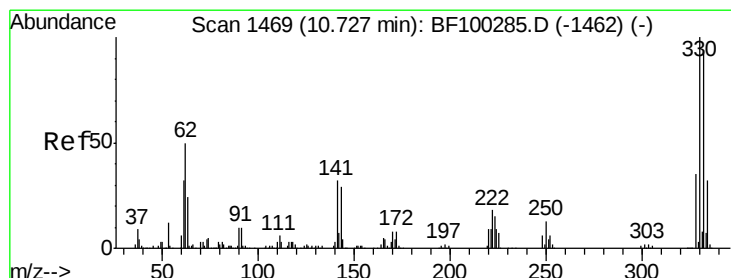
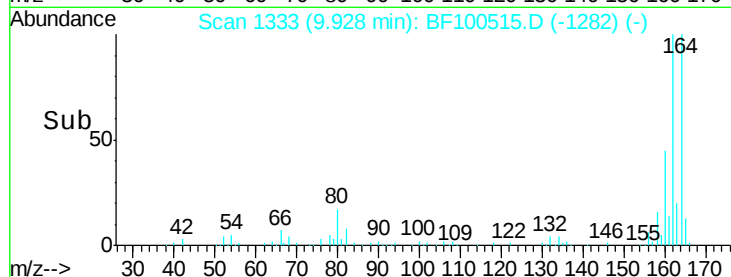
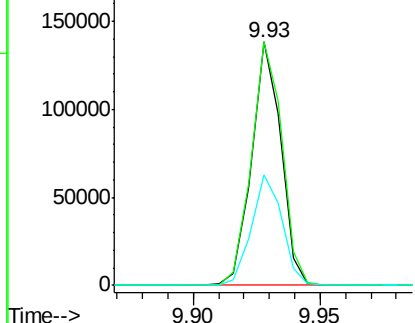
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF100515.D
 Acq: 13 Nov 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-B

Tgt Ion:164 Resp: 111409
 Ion Ratio Lower Upper
 164 100
 162 100.0 86.1 129.1
 160 45.1 38.3 57.5

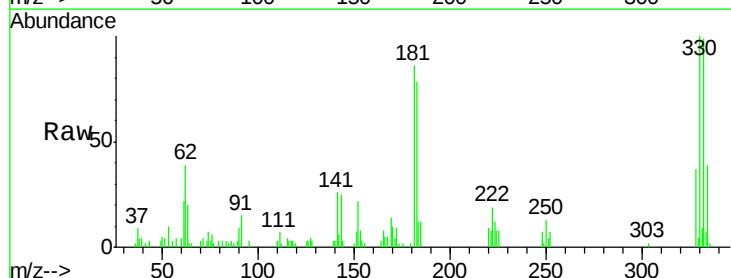


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

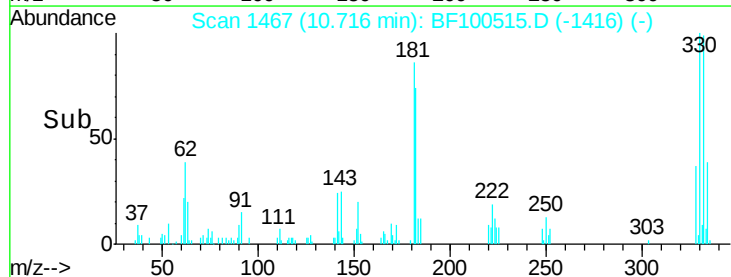
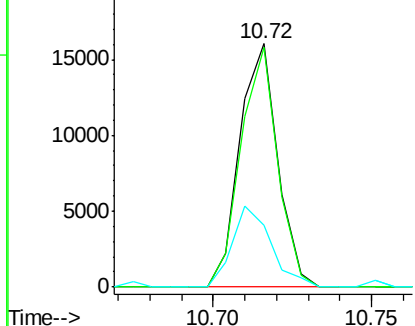


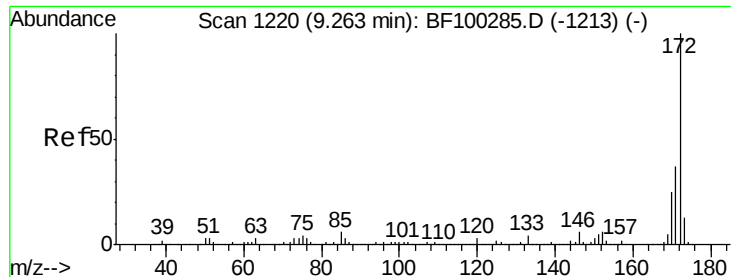
#41
 2,4,6-Tribromophenol
 Concen: 11.71 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF100515.D
 Acq: 13 Nov 2017 20:54

Tgt Ion:330 Resp: 13293
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 34.0 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

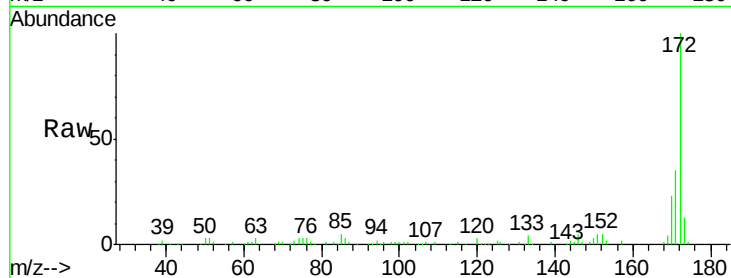




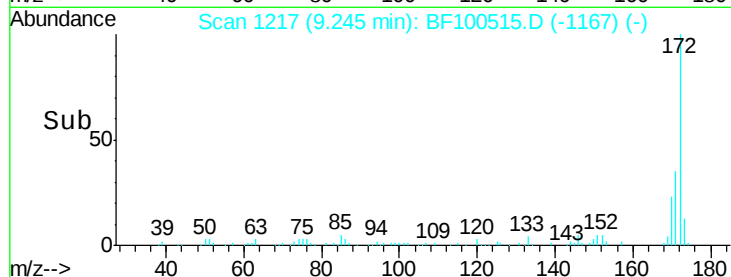
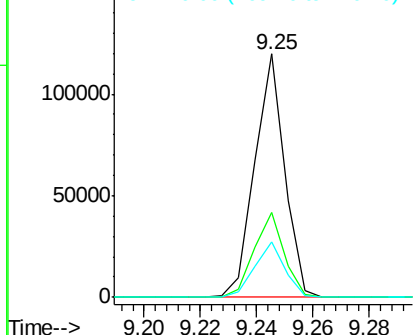
#44
2-Fluorobiphenyl
Concen: 11.98 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-B

Tgt Ion: 172 Resp: 87685
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 22.6 19.6 29.4

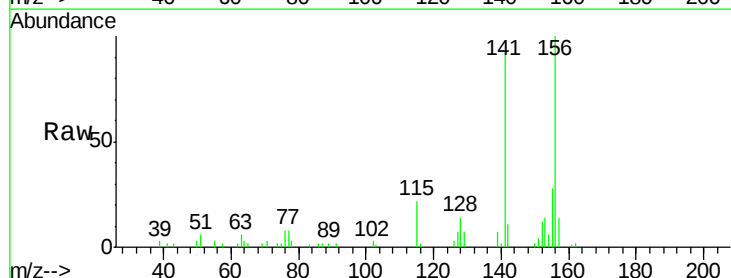


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

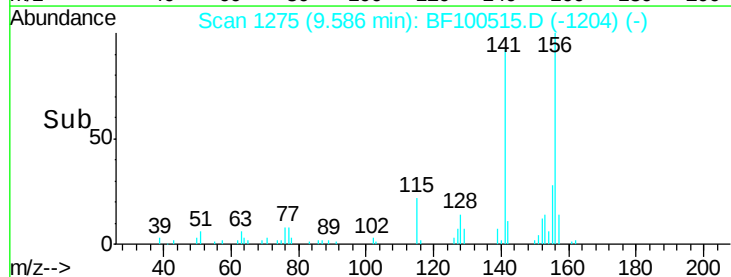
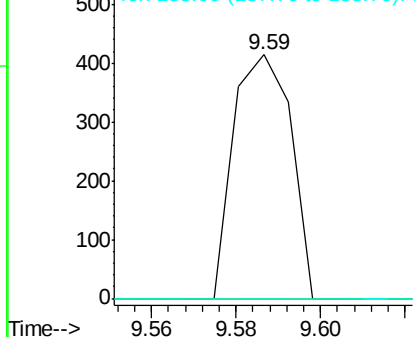


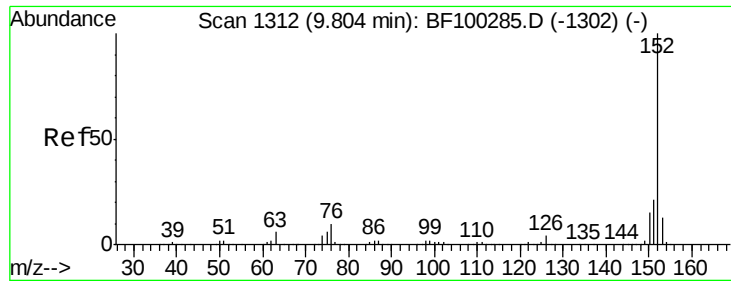
#47
2-Nitroaniline
Concen: 2.96 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.12 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

Tgt Ion: 65 Resp: 391
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 3.42 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-B

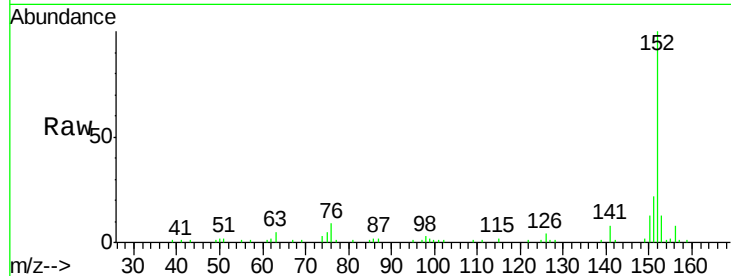
Tgt Ion:152 Resp: 39604

Ion Ratio Lower Upper

152 100

151 21.9 16.3 24.5

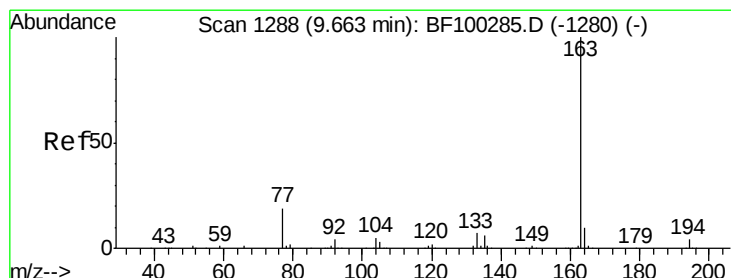
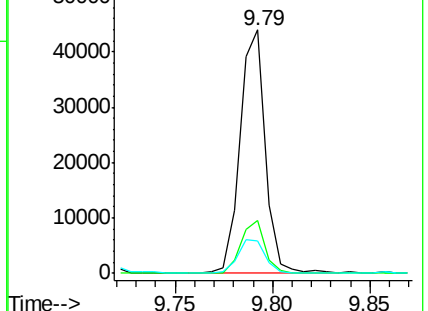
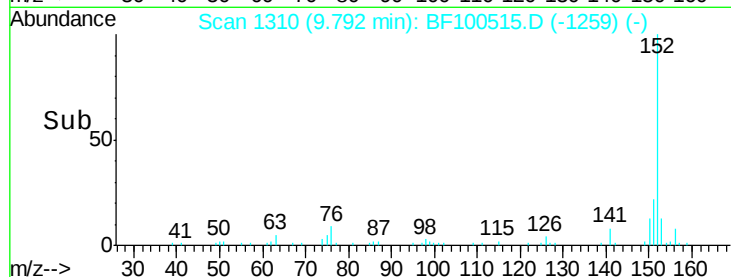
153 13.1 10.7 16.1



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



#49

Dimethylphthalate

Concen: 2.11 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

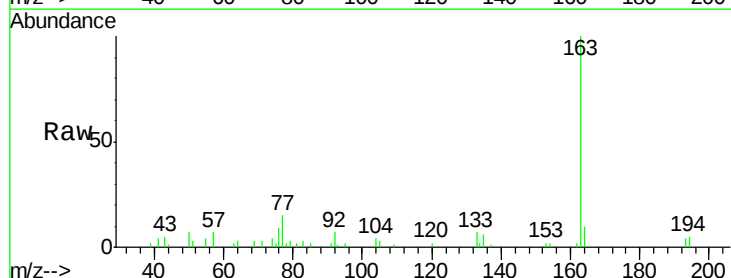
Tgt Ion:163 Resp: 17961

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

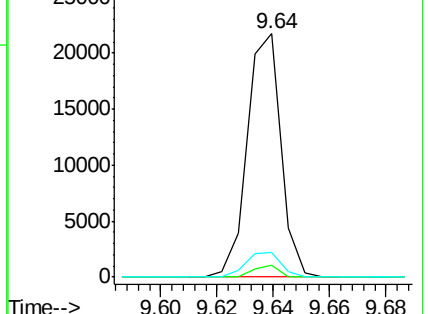
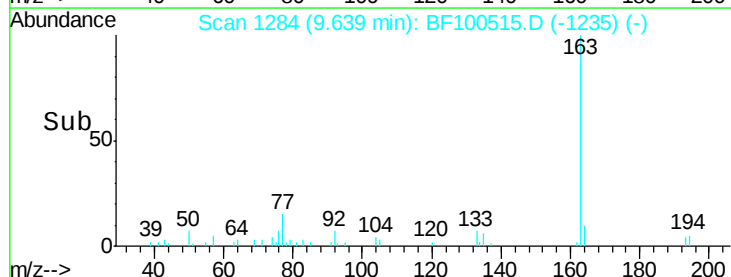
164 10.3 8.2 12.2

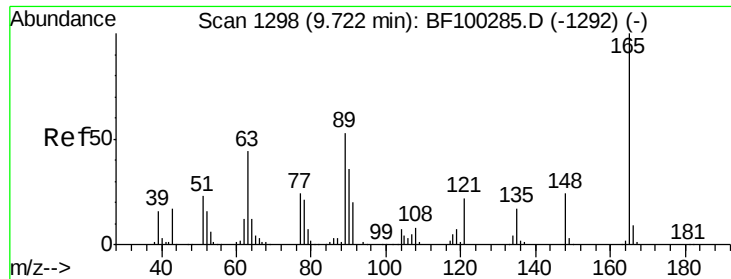


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

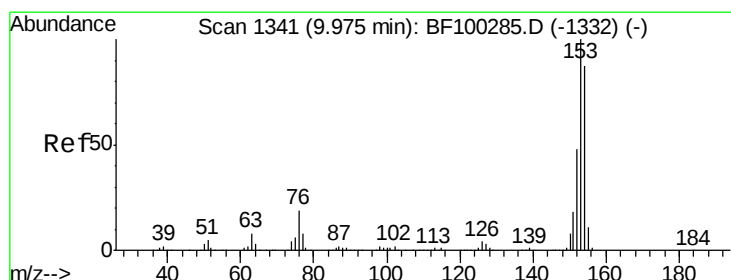
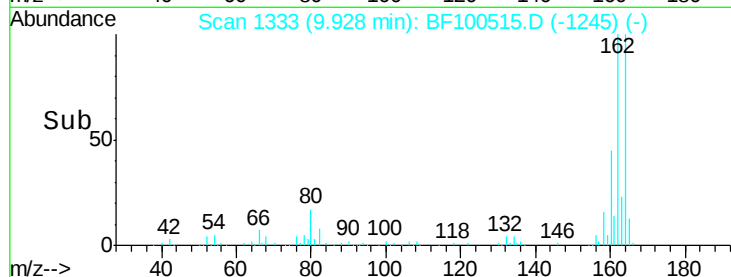
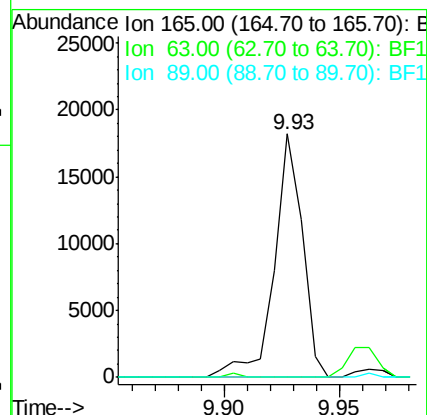
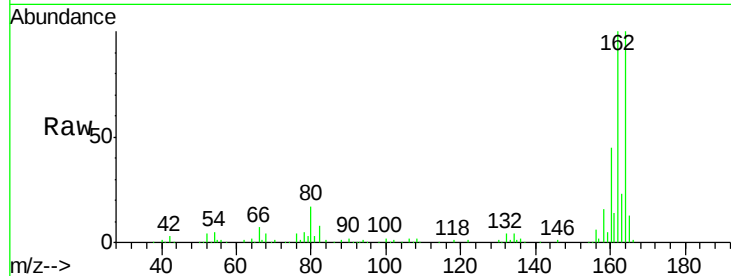




#50
2,6-Dinitrotoluene
Concen: 9.18 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

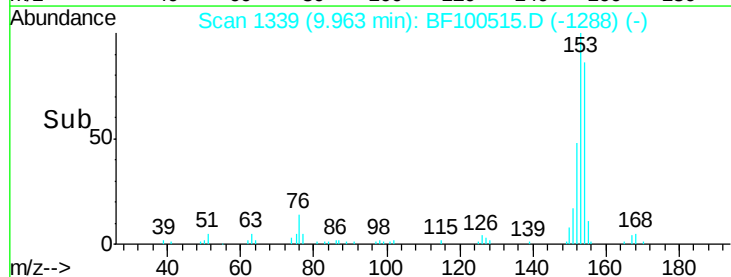
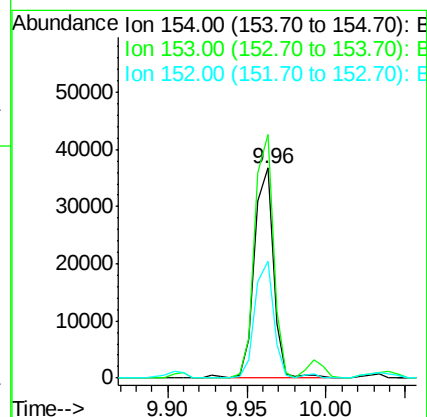
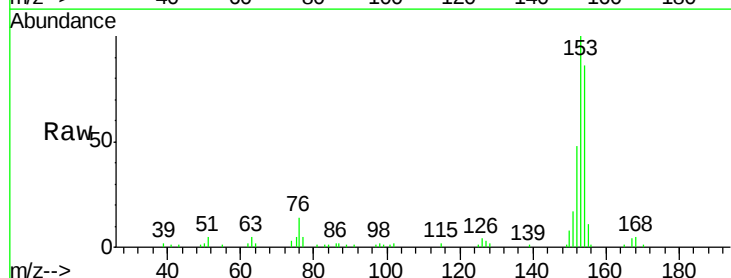
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-B

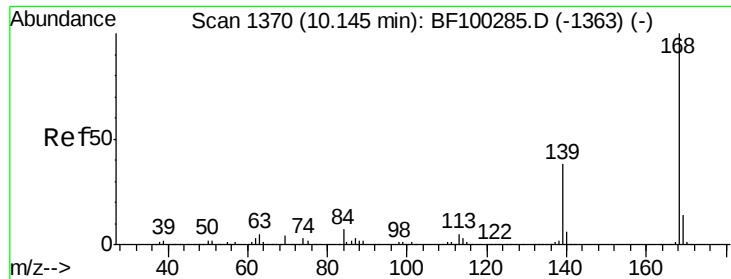
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#51
Acenaphthene
Concen: 4.38 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.2	136.8
152	55.6	43.8	65.8

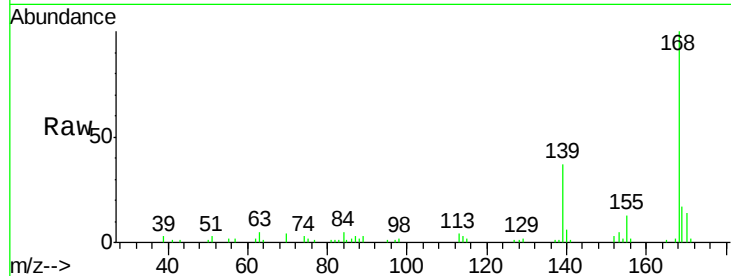




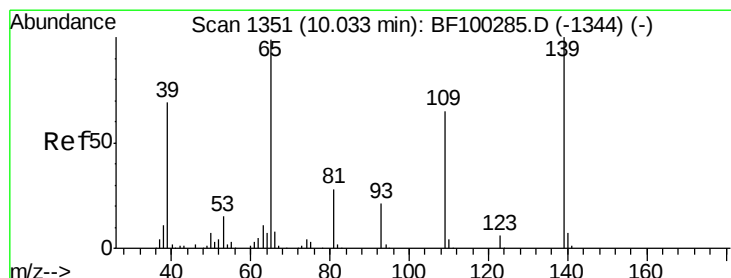
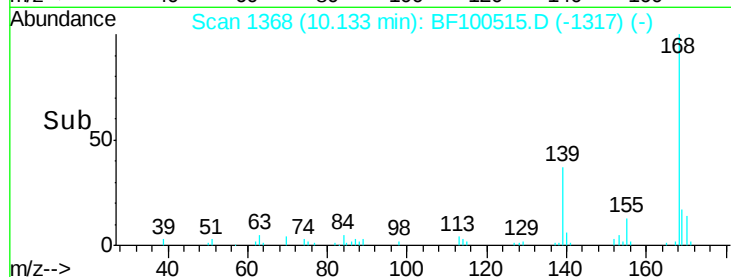
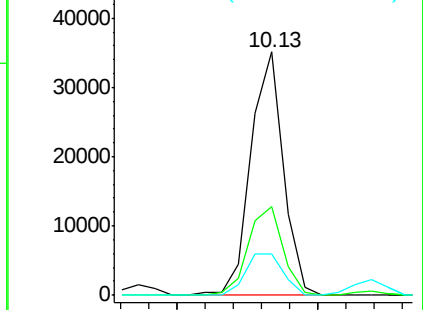
#54
Dibenzenofuran
Concen: 2.85 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-B

Tgt Ion:168 Resp: 28118
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 17.2 10.9 16.3#

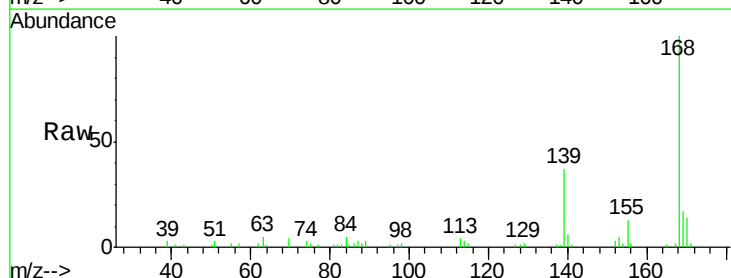


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

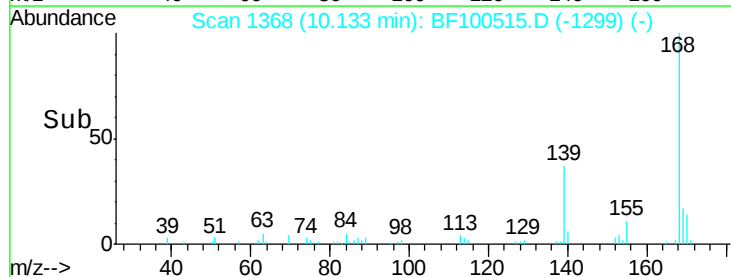
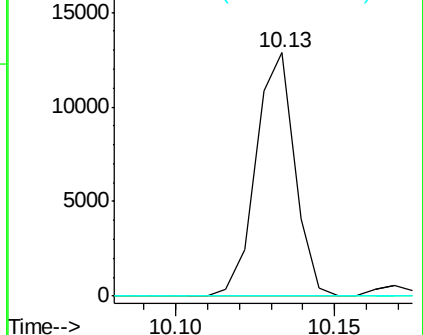


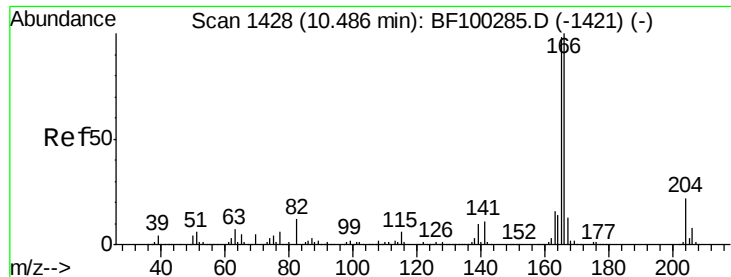
#55
4-Nitrophenol
Concen: 6.77 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.11 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

Tgt Ion:139 Resp: 10932
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 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): BF1

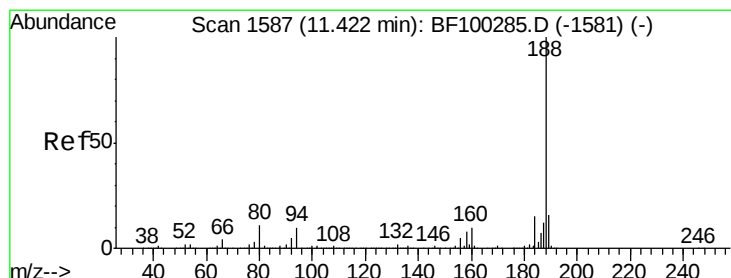
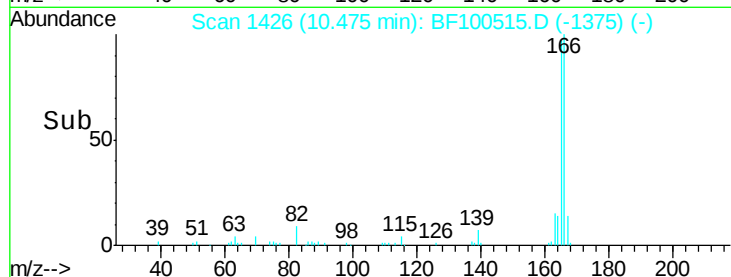
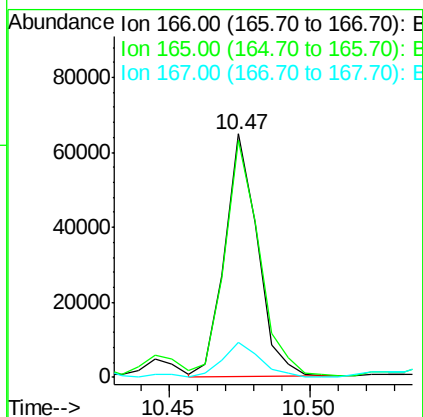
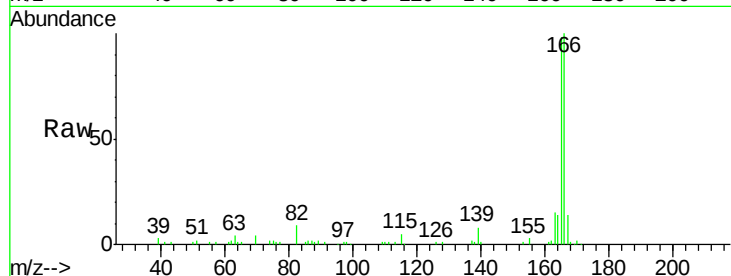




#57
Fluorene
 Concen: 7.24 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF100515.D
 Acq: 13 Nov 2017 20:54

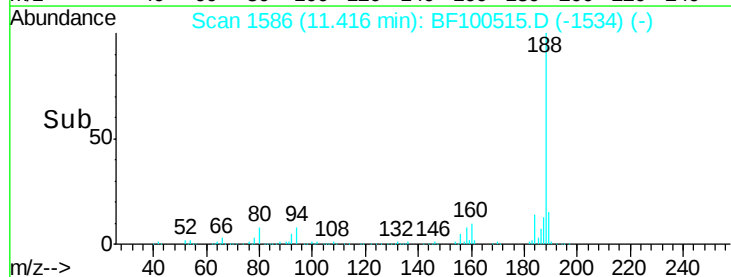
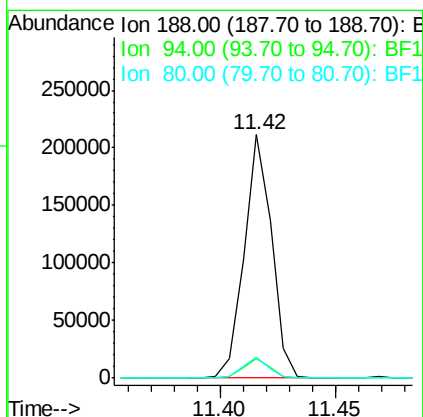
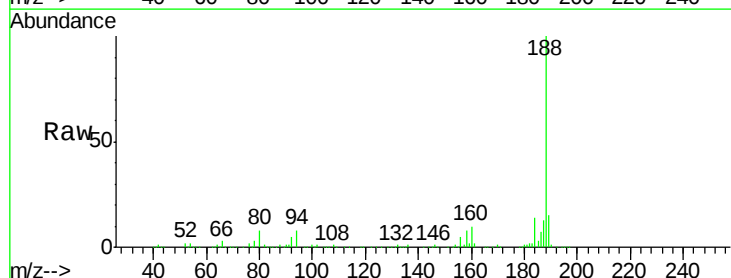
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-B

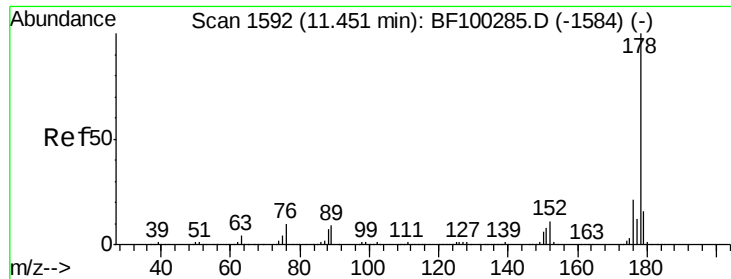
Tgt Ion:166 Resp: 52349
 Ion Ratio Lower Upper
 166 100
 165 97.6 79.8 119.8
 167 14.1 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF100515.D
 Acq: 13 Nov 2017 20:54

Tgt Ion:188 Resp: 175570
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.5 12.7#
 80 8.4 9.2 13.8#

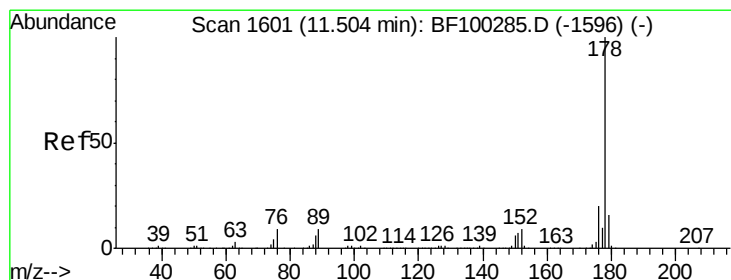
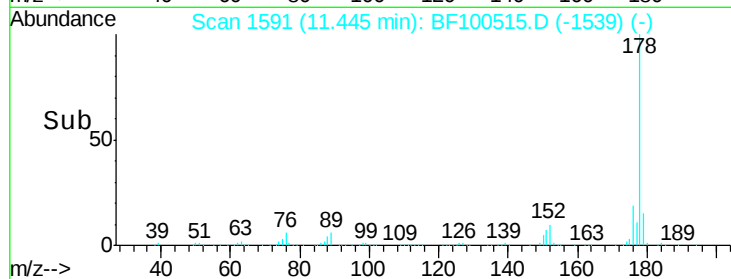
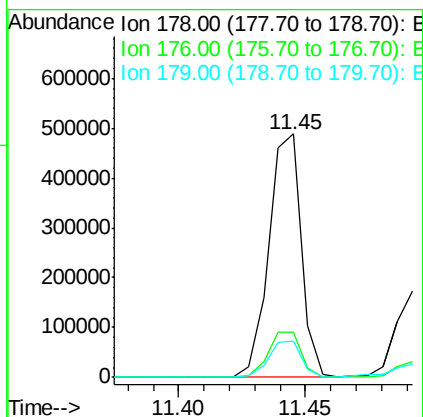
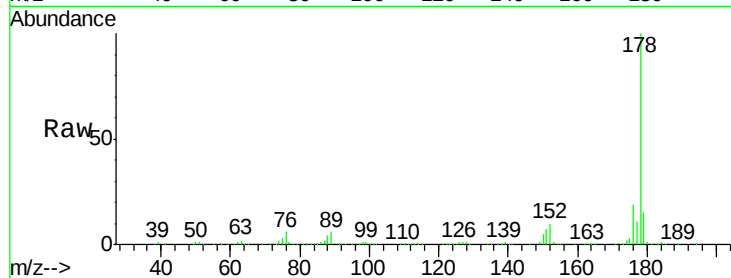




#70
Phenanthrene
Concen: 47.32 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

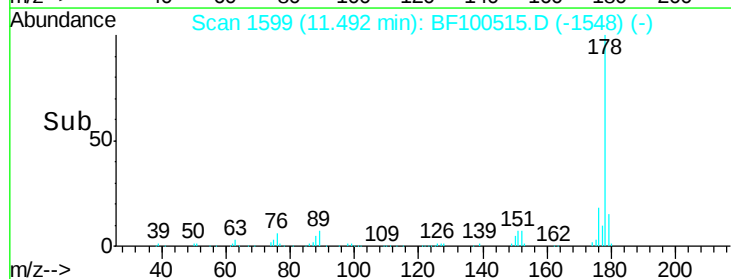
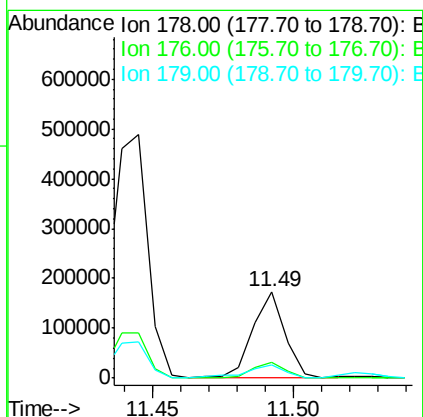
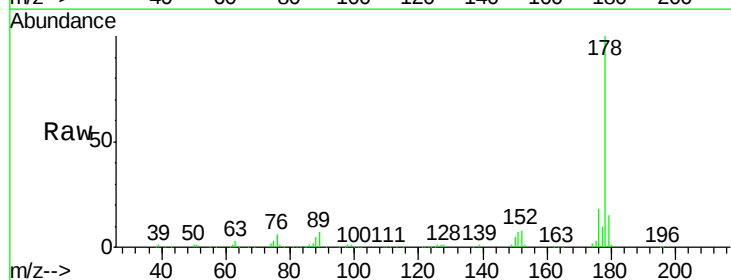
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-B

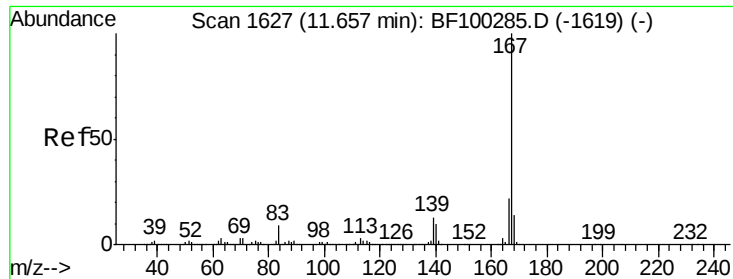
Tgt Ion:178 Resp: 437437
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 14.9 13.0 19.6



#71
Anthracene
Concen: 14.26 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

Tgt Ion:178 Resp: 133719
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.2 12.6 19.0





#72

Carbazole

Concen: 3.15 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-B

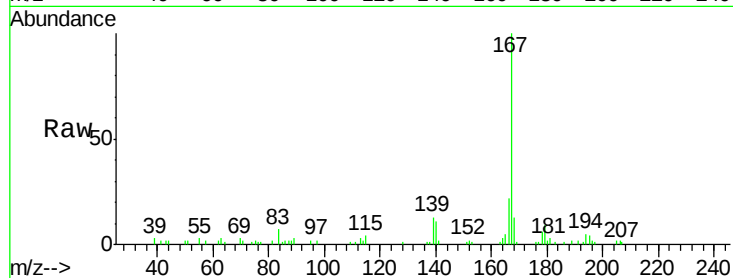
Tgt Ion:167 Resp: 27249

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

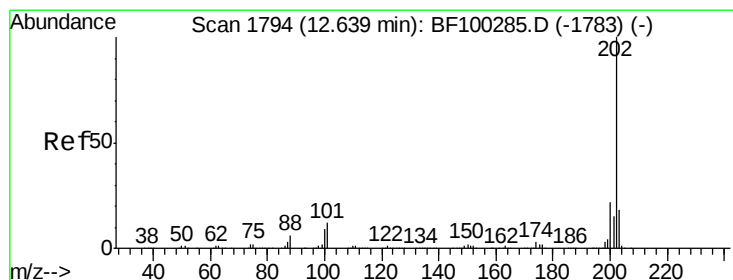
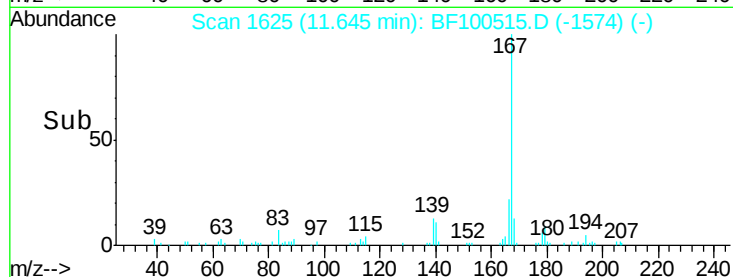
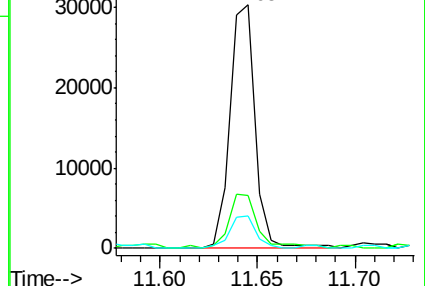
139 13.4 10.9 16.3



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: 64.89 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

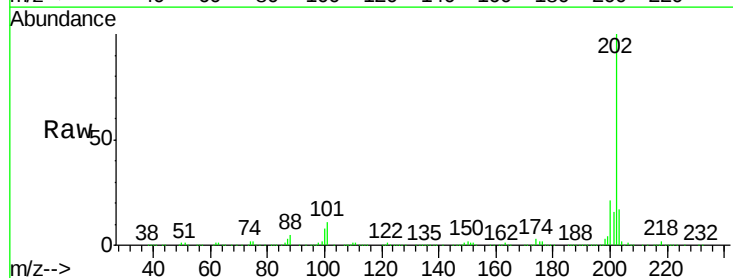
Tgt Ion:202 Resp: 635717

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

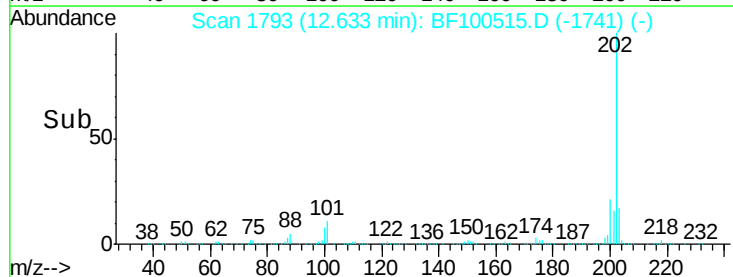
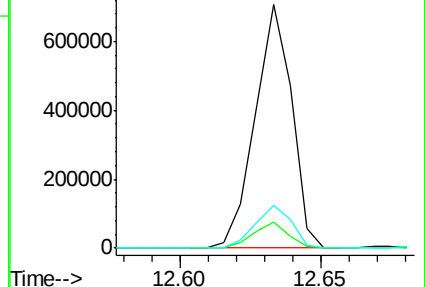
203 17.4 0.0 38.1

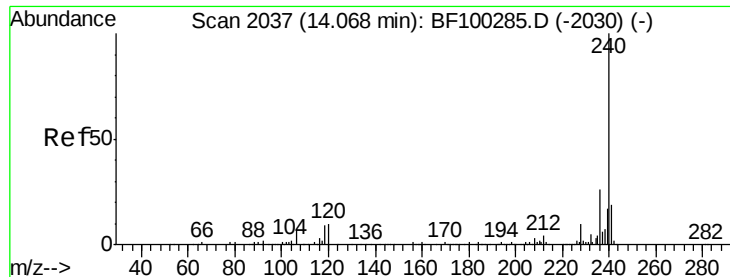


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

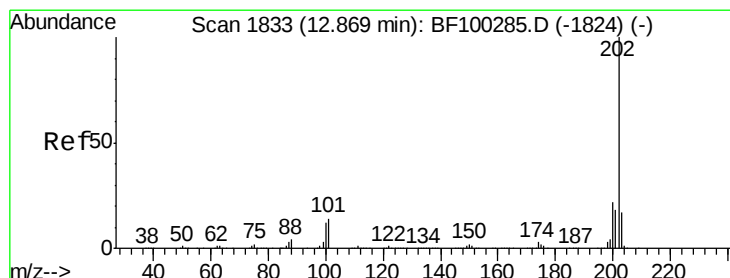
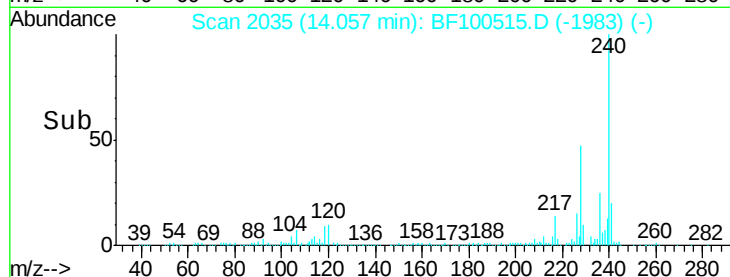
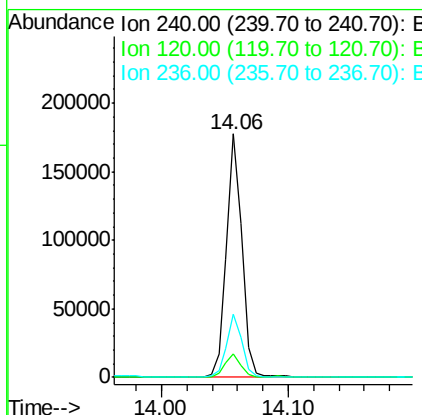
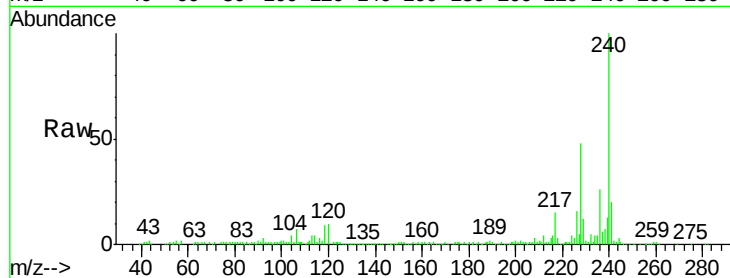




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

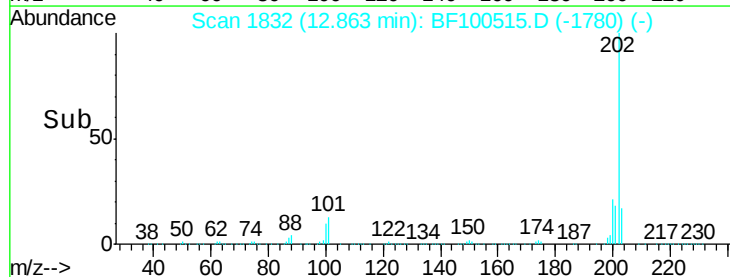
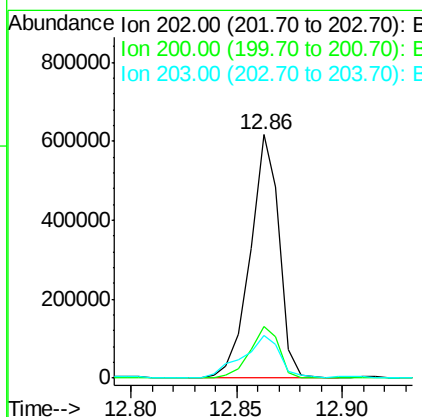
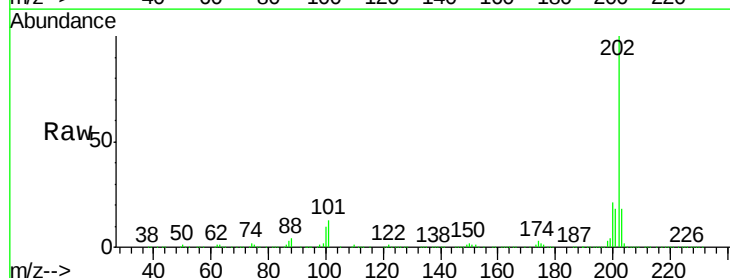
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-B

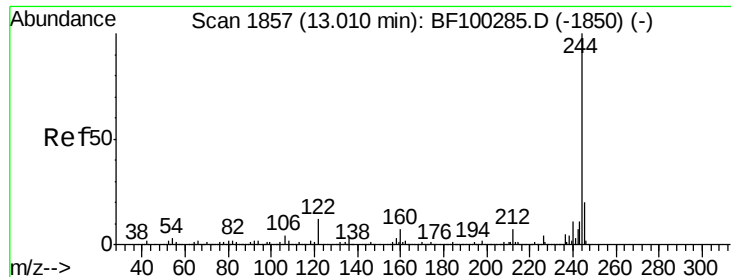
Tgt Ion:240 Resp: 148660
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 25.8 20.7 31.1



#77
Pyrene
Concen: 55.32 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

Tgt Ion:202 Resp: 586242
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.5 14.3 21.5

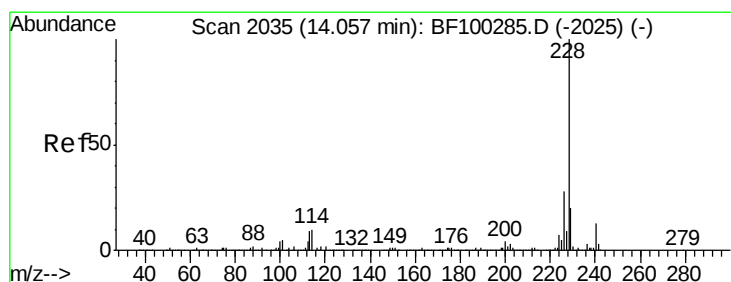
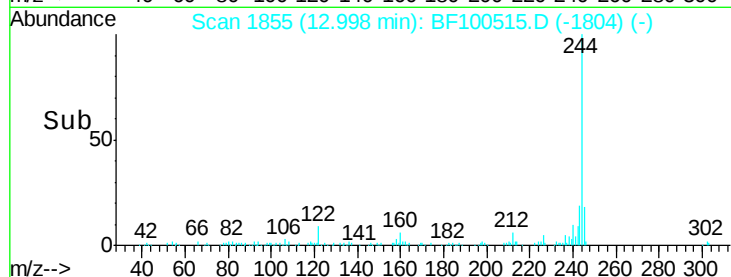
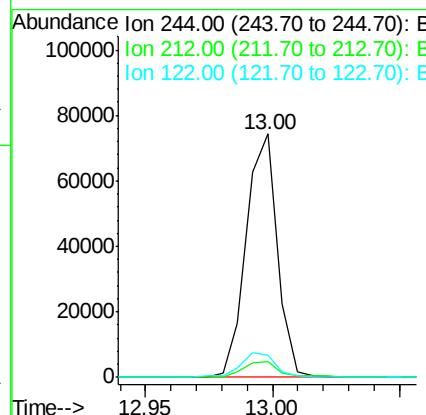
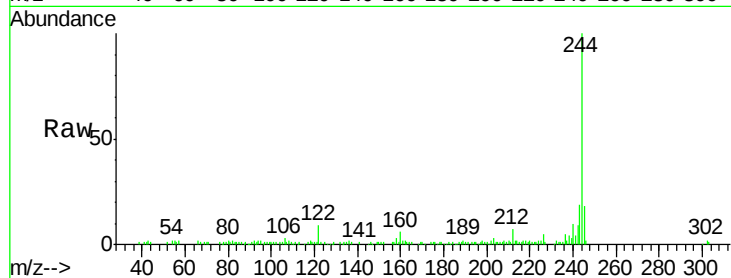




#78
 Terphenyl-d14
 Concen: 9.78 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF100515.D
 Acq: 13 Nov 2017 20:54

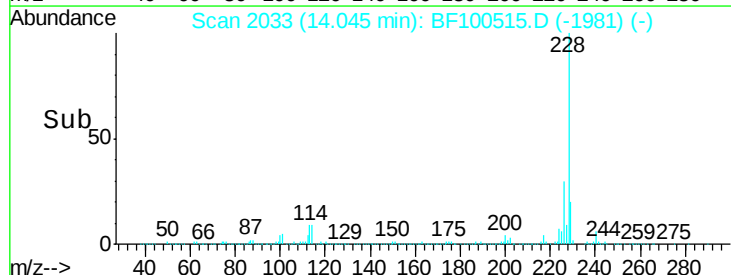
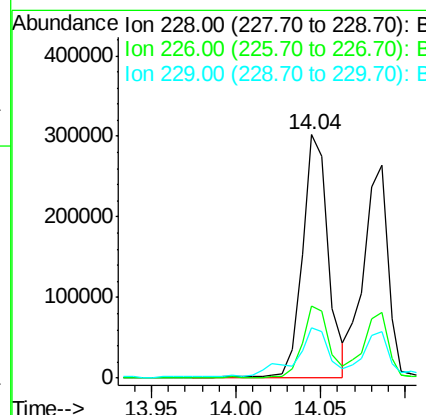
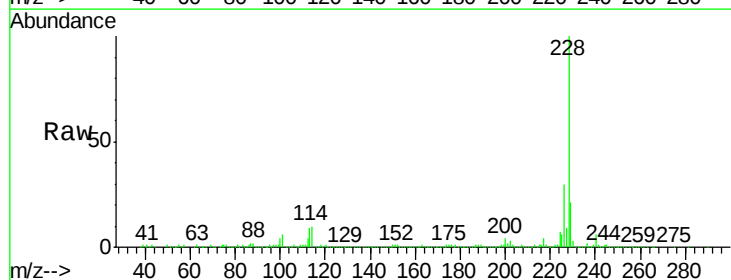
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-B

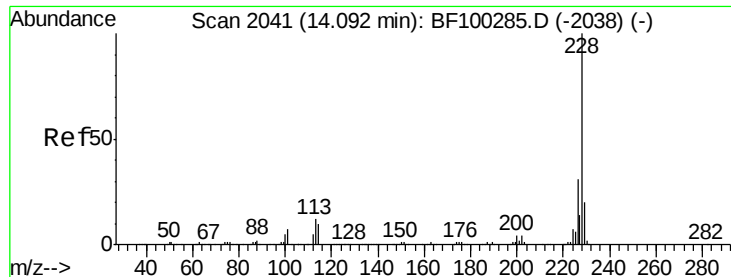
Tgt Ion:244 Resp: 63247
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 8.9 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 35.75 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF100515.D
 Acq: 13 Nov 2017 20:54

Tgt Ion:228 Resp: 320075
 Ion Ratio Lower Upper
 228 100
 226 29.8 22.6 33.8
 229 20.7 15.8 23.6





#82

Chrysene

Concen: 30.99 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-B

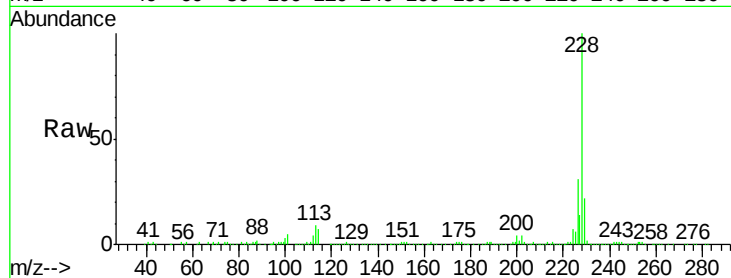
Tgt Ion:228 Resp: 268664

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

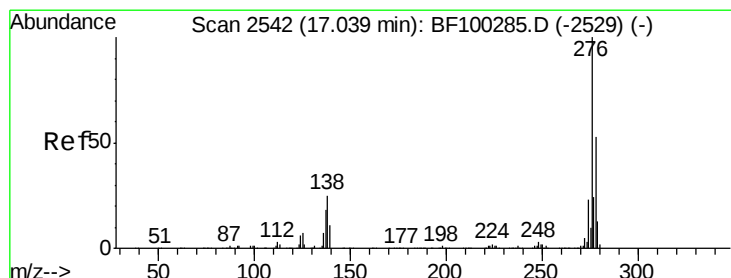
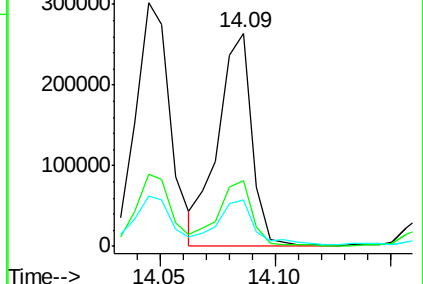
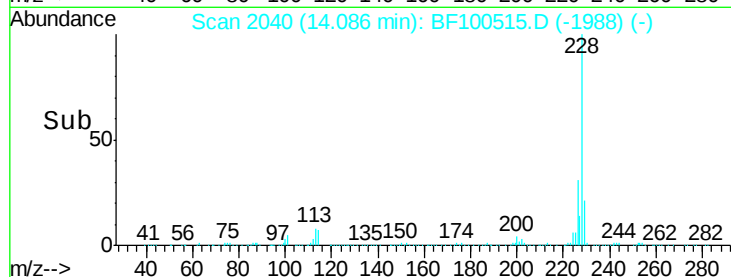
229 21.7 16.2 24.4



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: 13.27 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

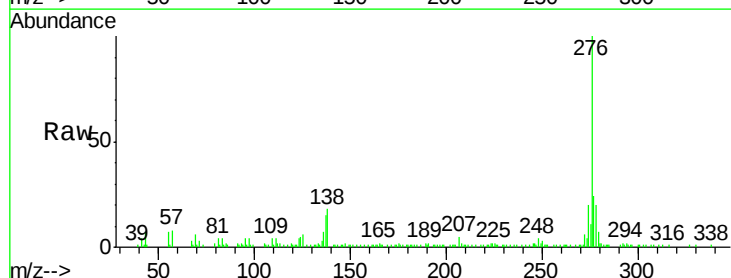
Tgt Ion:276 Resp: 93069

Ion Ratio Lower Upper

276 100

138 19.7 25.0 37.6#

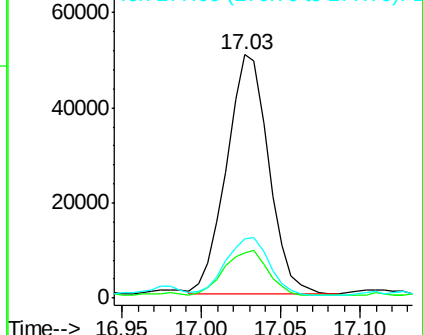
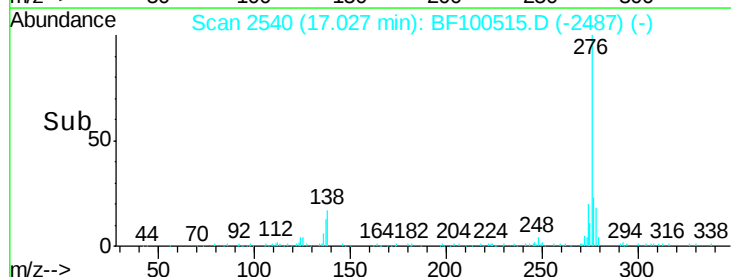
277 25.4 20.1 30.1

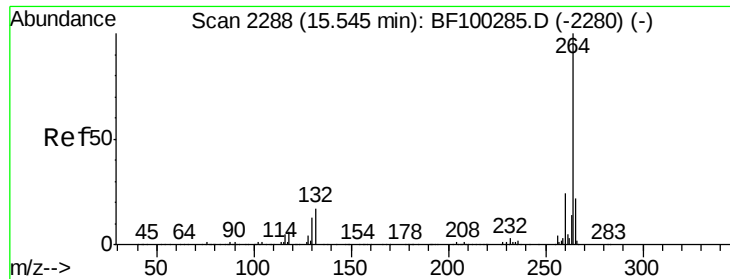


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

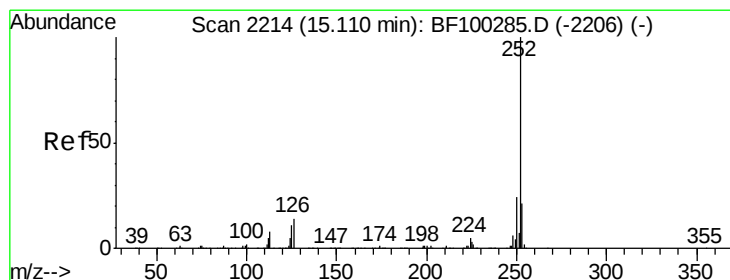
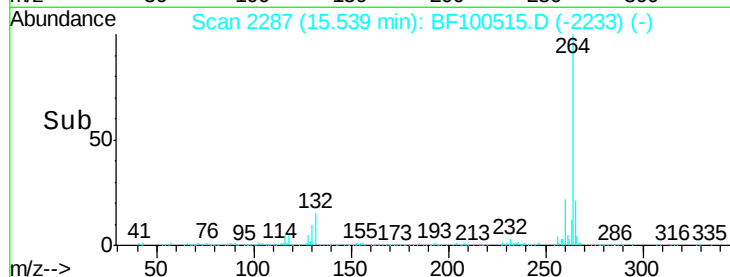
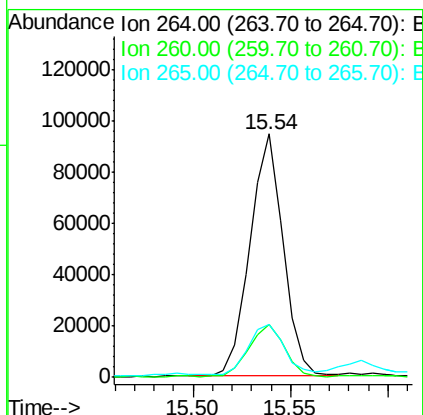
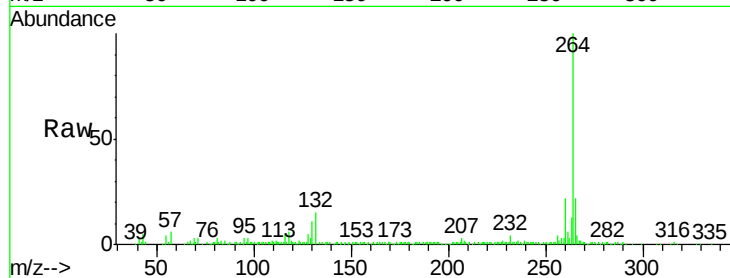




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

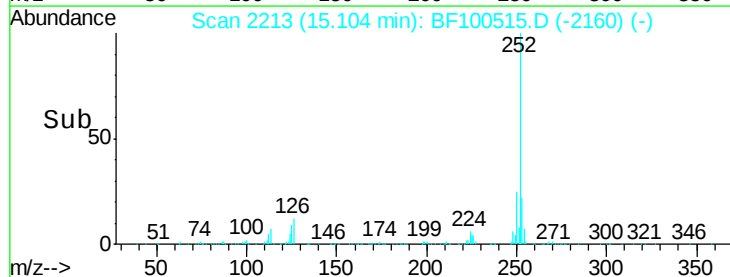
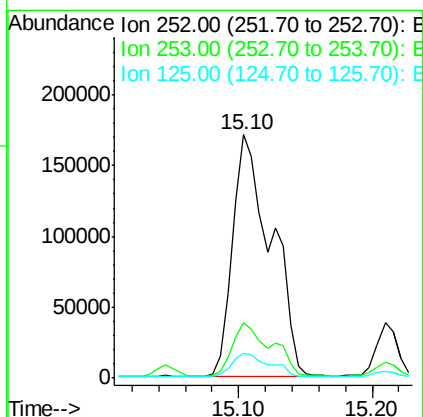
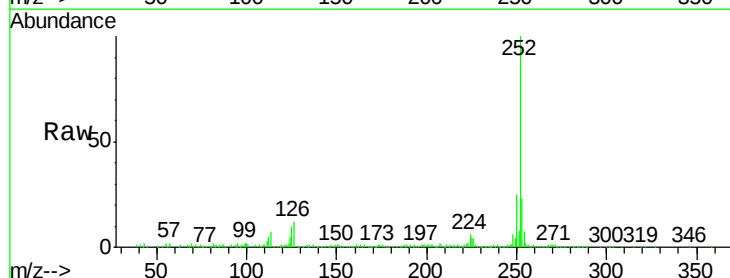
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-B

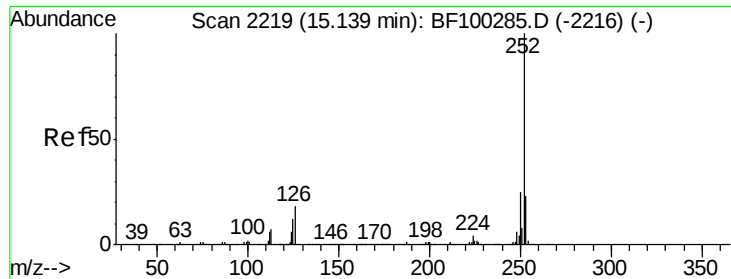
Tgt Ion:264 Resp: 112052
Ion Ratio Lower Upper
264 100
260 21.9 19.2 28.8
265 21.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 52.17 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

Tgt Ion:252 Resp: 346359
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 9.9 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 16.45 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.28 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-B

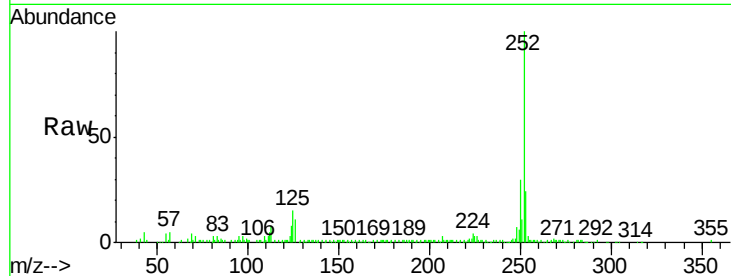
Tgt Ion:252 Resp: 103152

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

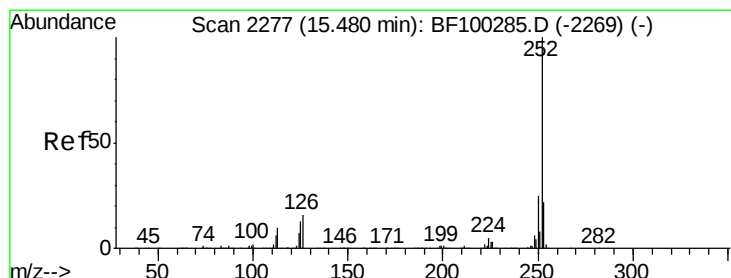
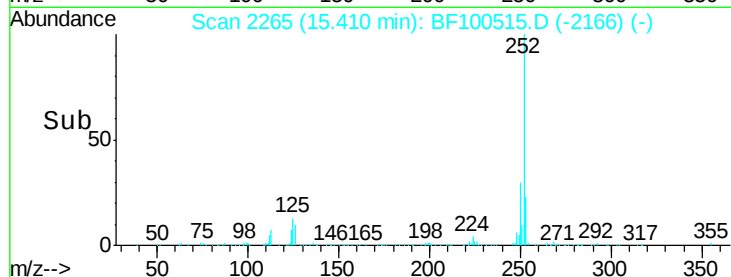
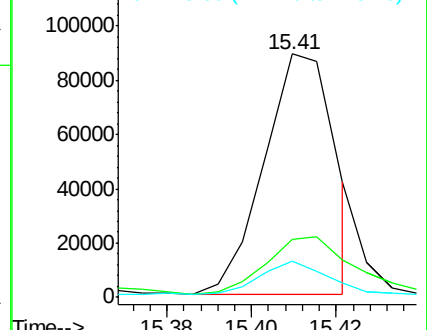
125 14.7 10.2 15.2



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



#89

Benzo(a)pyrene

Concen: 29.86 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF100515.D

Acq: 13 Nov 2017 20:54

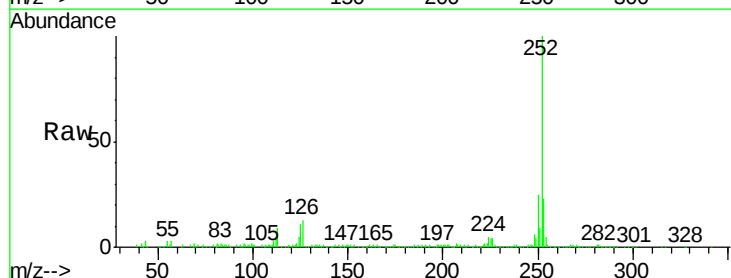
Tgt Ion:252 Resp: 175735

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

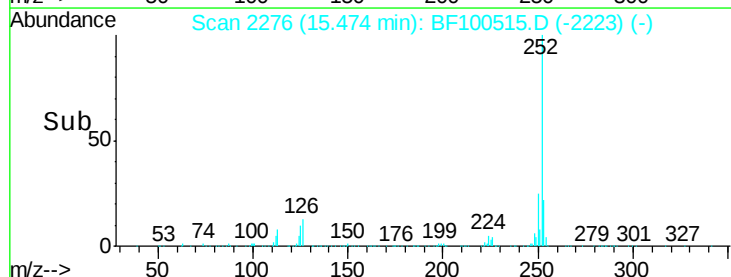
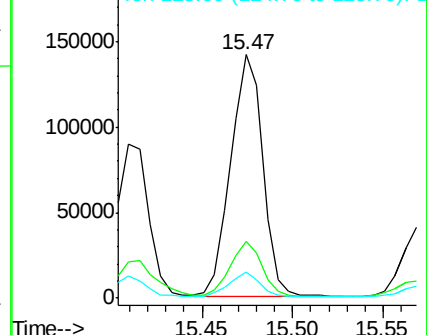
125 10.7 9.8 14.6

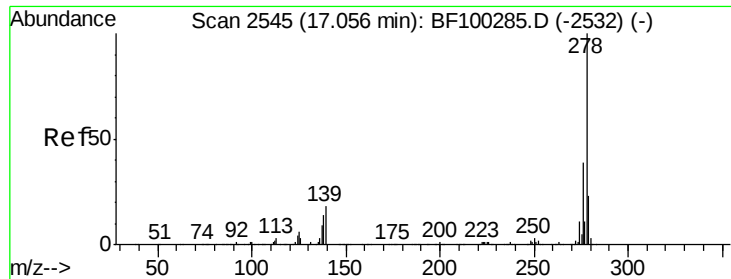


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

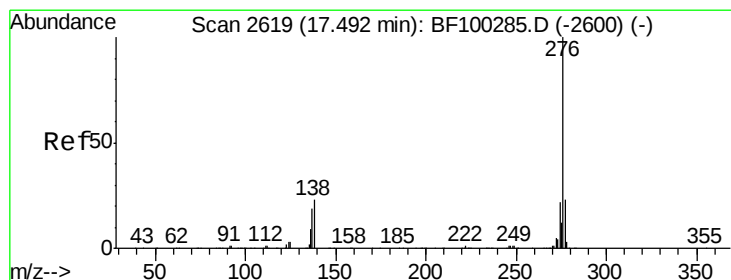
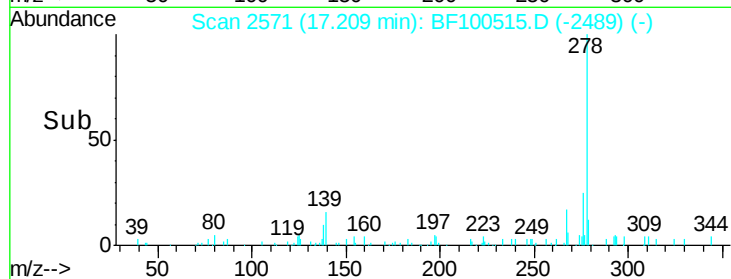
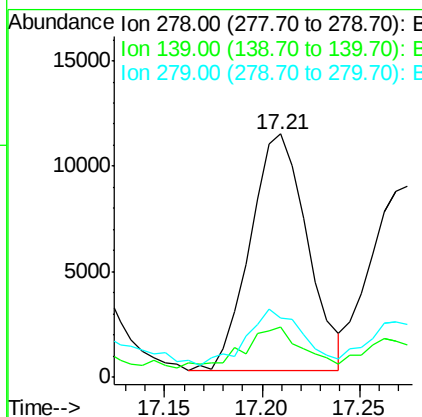
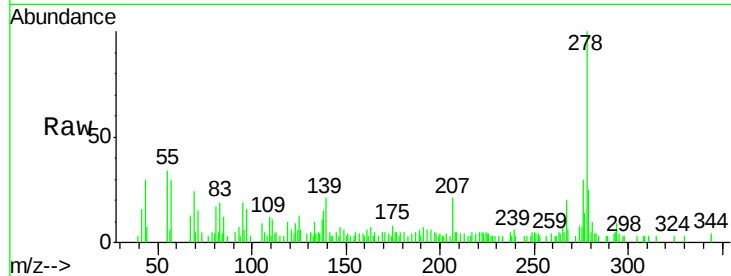




#90
Dibenzo(a,h)anthracene
Concen: 4.71 ng
RT: 17.21 min Scan# 2571
Delta R.T. 0.18 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-B

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.9	23.9
279	24.6	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 18.24 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.02 min
Lab File: BF100515.D
Acq: 13 Nov 2017 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	19.9	21.8	32.8#

