

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110931.D
 Acq On : 21 Nov 2018 16:32
 Operator : JU/SJ
 Sample : J5765-03 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-112018

Quant Time: Nov 21 22:07:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58102	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	251875	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	114090	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	183789	20.00	ng	0.00
76) Chrysene-d12	14.13	240	130950	20.00	ng	0.00
87) Perylene-d12	15.67	264	118623	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	26715	7.47	ng	0.02
7) Phenol-d6	6.58	99	36047	7.88	ng	0.00
23) Nitrobenzene-d5	7.53	82	24567	5.62	ng	0.01
42) 2,4,6-Tribromophenol	10.79	330	7045	6.13	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	48326	6.05	ng	0.00
79) Terphenyl-d14	13.06	244	34578	4.95	ng	-0.01

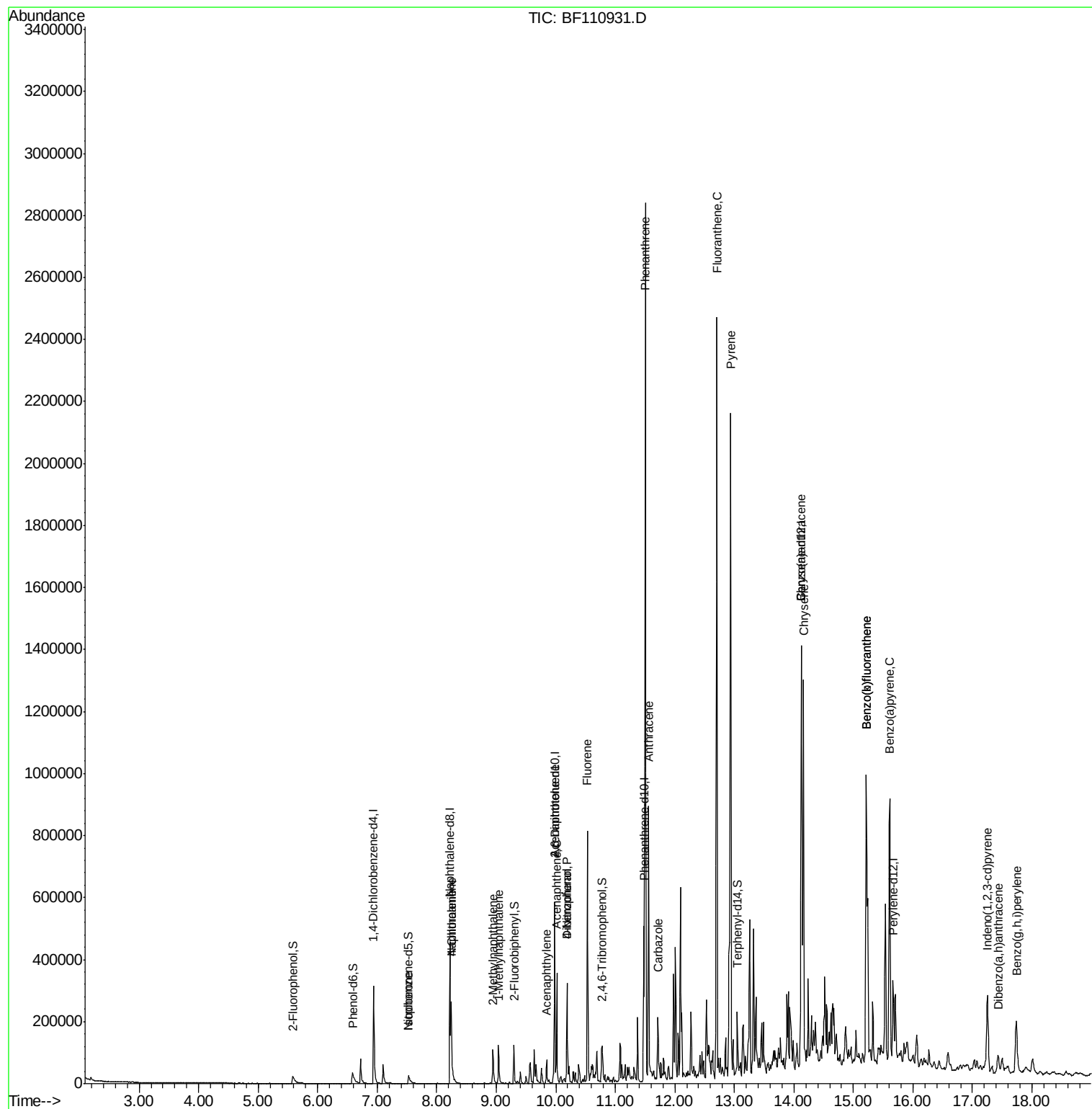
Target Compounds				Qvalue		
9) Benzaldehyde	6.72	77	536	Below Cal	#	68
25) Isophorone	7.53	82	24567	3.427 ng	#	67
31) Naphthalene	8.25	128	130586	11.044 ng		99
33) 4-Chloroaniline	8.25	127	16633	3.106 ng	#	31
37) 2-Methylnaphthalene	8.94	142	48646	6.276 ng		97
38) 1-Methylnaphthalene	9.04	142	46477	6.235 ng		99
49) Acenaphthylene	9.85	152	29970	2.714 ng		96
51) 2,6-Dinitrotoluene	9.98	165	16932	9.041 ng	#	21
52) Acenaphthene	10.02	154	75928	10.880 ng		96
55) Dibenzofuran	10.19	168	141729	13.882 ng		98
56) 4-Nitrophenol	10.19	139	58064	40.339 ng	#	7
58) Fluorene	10.53	166	219156	27.946 ng		100
71) Phenanthrene	11.51	178	1076721	109.351 ng		100
72) Anthracene	11.56	178	338406	34.070 ng		98
73) Carbazole	11.72	167	74238	7.783 ng		99
75) Fluoranthene	12.70	202	1110730	112.516 ng		99
78) Pyrene	12.94	202	918862	91.131 ng		99
81) Benzo(a)anthracene	14.13	228	512087	65.426 ng		99
83) Chrysene	14.16	228	408344	54.761 ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	159300	29.770 ng		97
88) Benzo(b)fluoranthene	15.22	252	712074	100.342 ng		97
89) Benzo(k)fluoranthene	15.22	252	712074	101.549 ng	#	97
90) Benzo(a)pyrene	15.61	252	369696	57.338 ng		99
91) Dibenzo(a,h)anthracene	17.43	278	35028	6.420 ng		96
92) Benzo(g,h,i)perylene	17.74	276	140546	25.961 ng		95

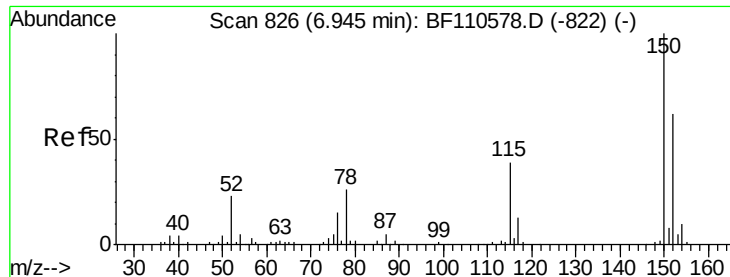
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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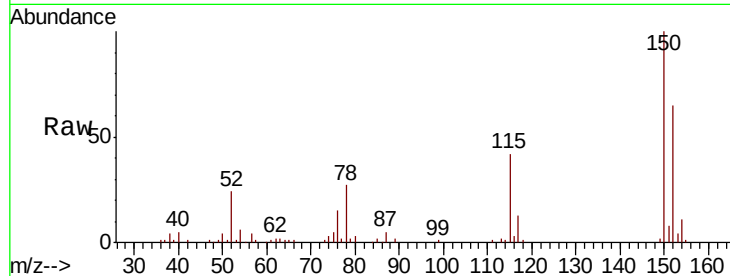


#1

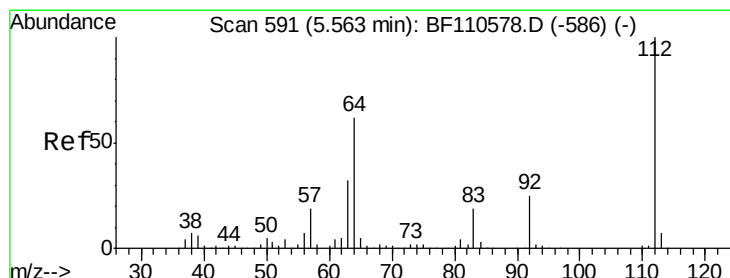
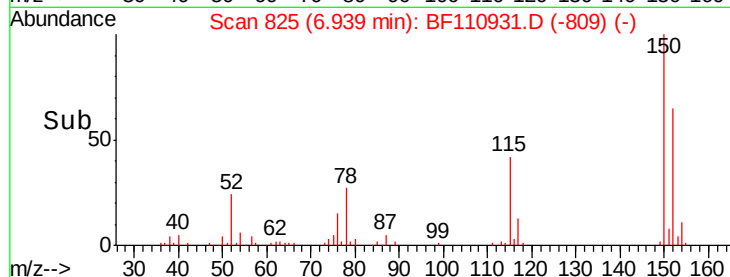
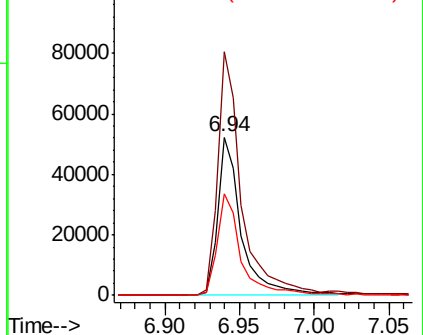
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Instrument :
BNA_F
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NB-08-112018

Tgt Ion:152 Resp: 58102
Ion Ratio Lower Upper
152 100
150 153.7 122.7 184.1
115 64.0 49.1 73.7



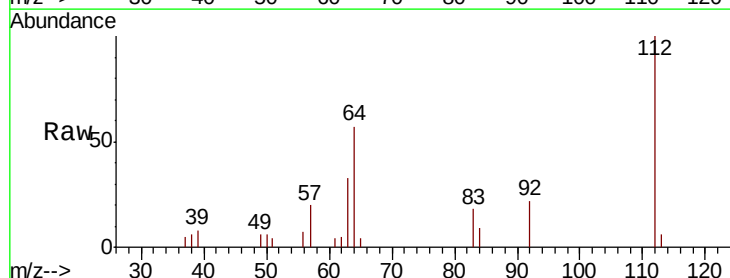
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



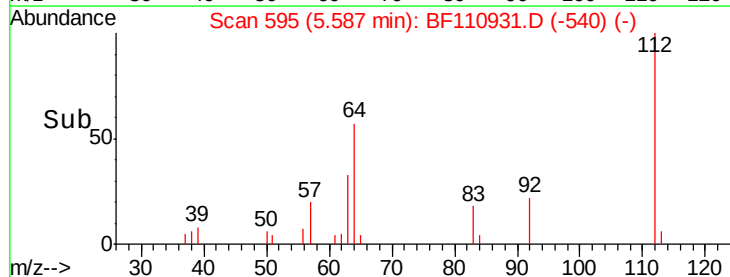
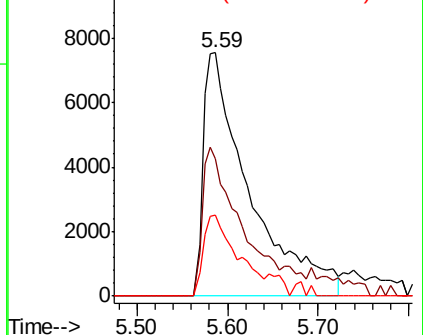
#5

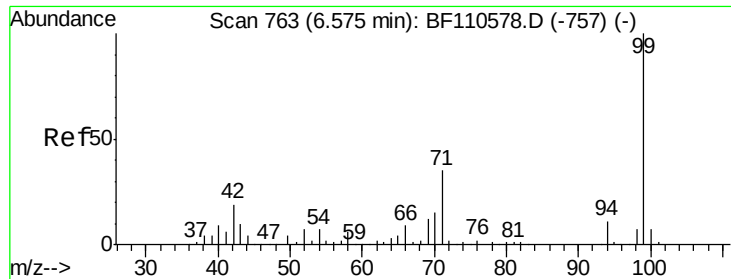
2-Fluorophenol
Concen: 7.469 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.02 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Tgt Ion:112 Resp: 26715
Ion Ratio Lower Upper
112 100
64 56.6 44.1 66.1
63 33.1 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: 7.881 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

Instrument :

BNA_F

ClientSampleId :

NB-08-112018

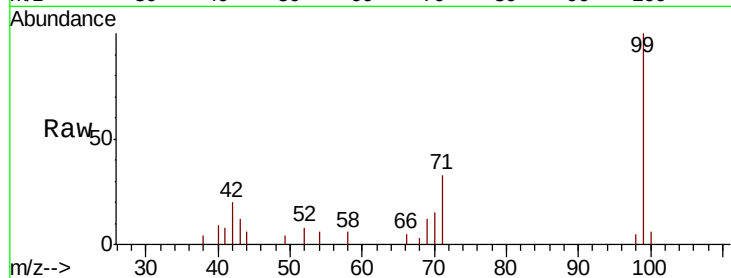
Tgt Ion: 99 Resp: 36047

Ion Ratio Lower Upper

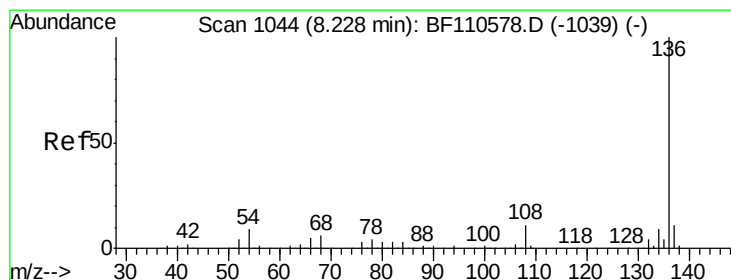
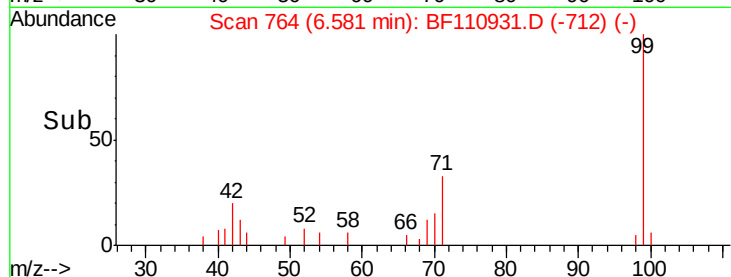
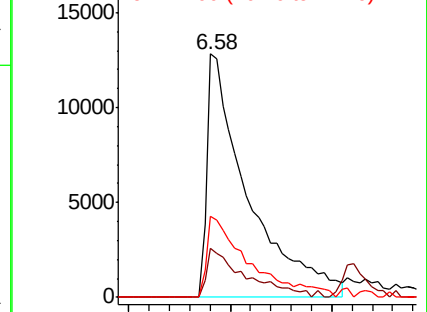
99 100

42 20.3 15.8 23.6

71 33.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

Tgt Ion: 136 Resp: 251875

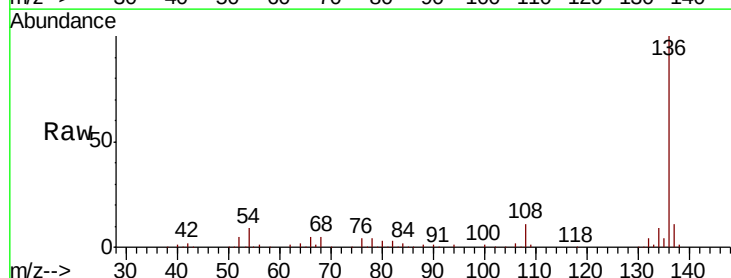
Ion Ratio Lower Upper

136 100

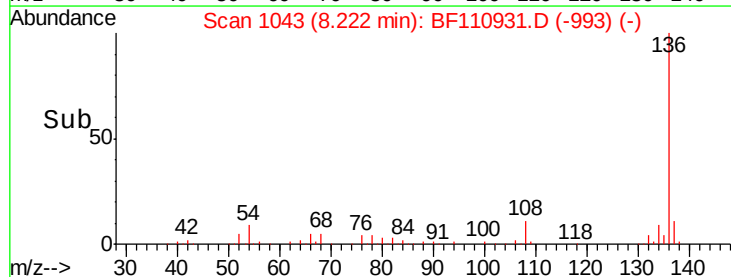
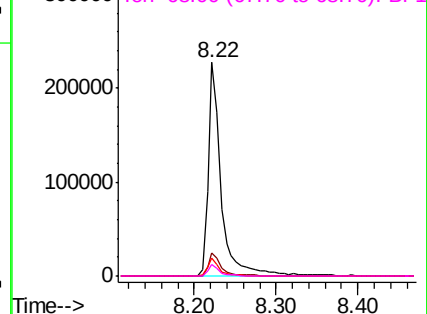
137 10.7 8.8 13.2

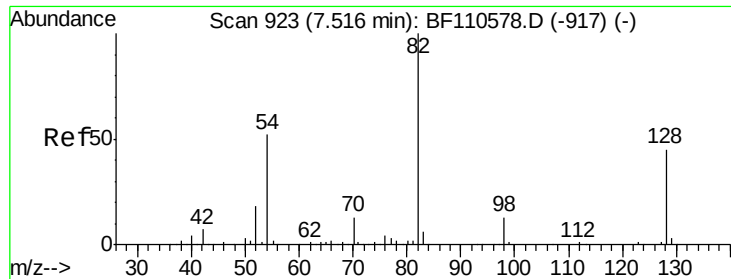
54 8.5 5.4 8.2#

68 5.2 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

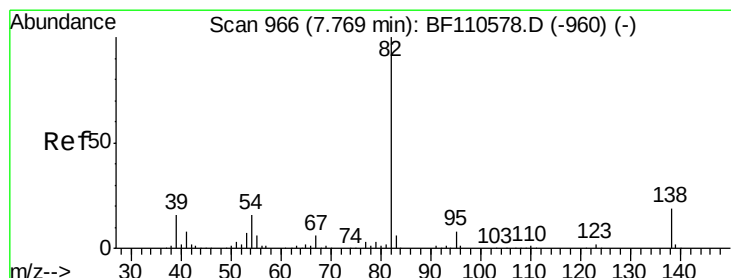
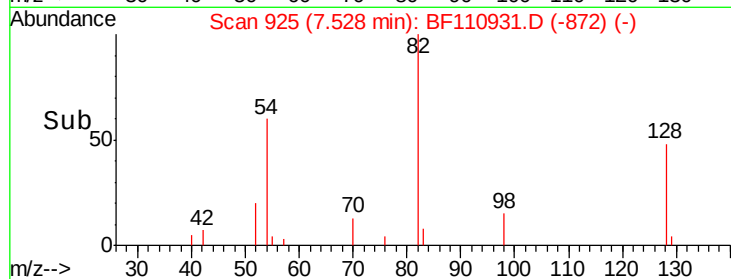
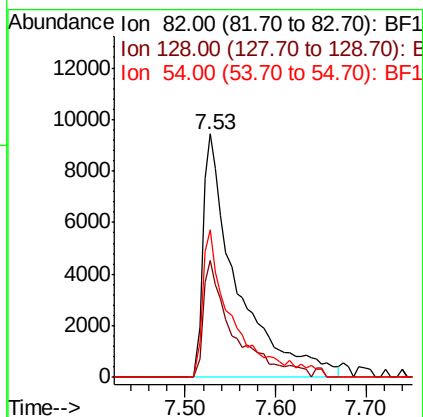
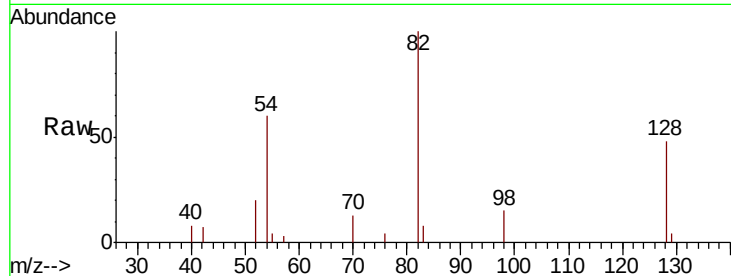




#23
 Nitrobenzene-d5
 Concen: 5.617 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF110931.D
 Acq: 21 Nov 2018 16:32

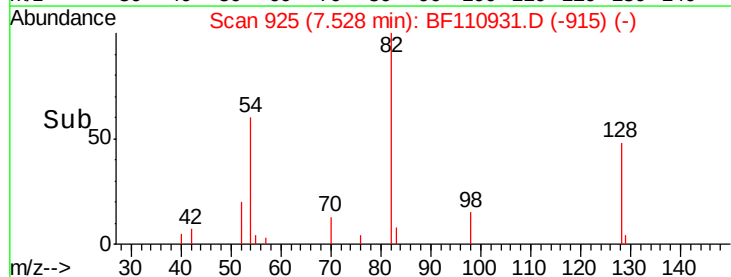
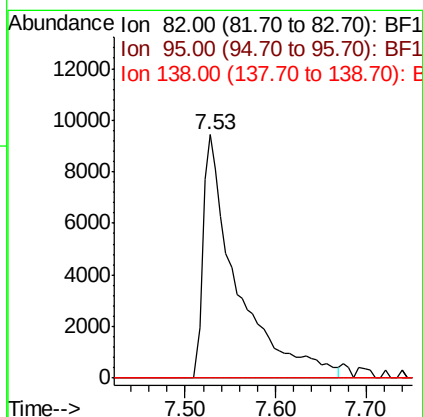
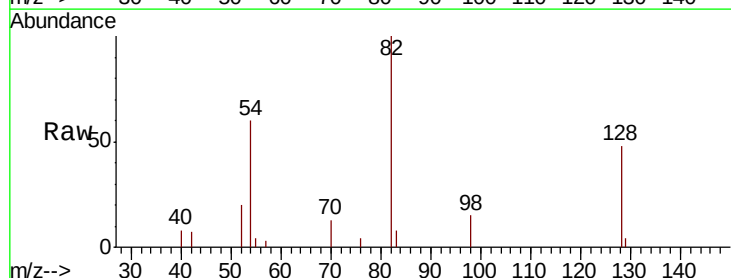
Instrument :
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 NB-08-112018

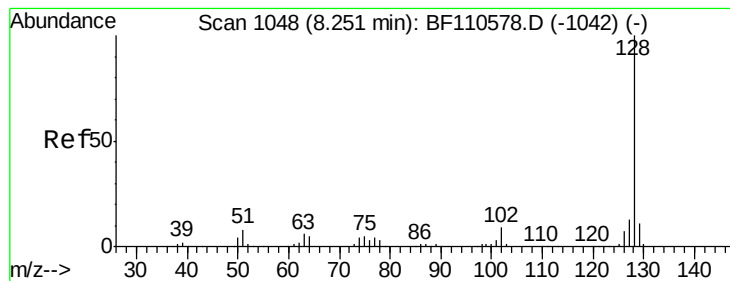
Tgt Ion: 82 Resp: 24567
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.2 51.2
 54 60.4 38.6 58.0#



#25
 Isophorone
 Concen: 3.427 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.24 min
 Lab File: BF110931.D
 Acq: 21 Nov 2018 16:32

Tgt Ion: 82 Resp: 24567
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#





#31

Naphthalene

Concen: 11.044 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

Instrument :

BNA_F

ClientSampleId :

NB-08-112018

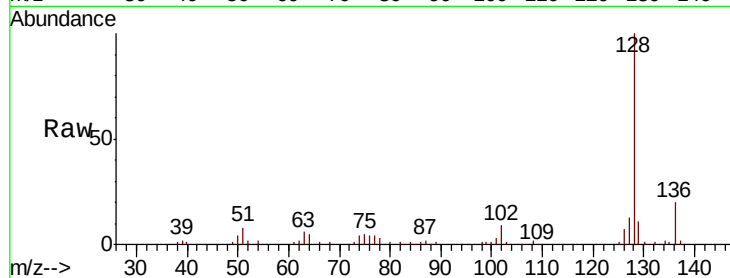
Tgt Ion:128 Resp: 130586

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

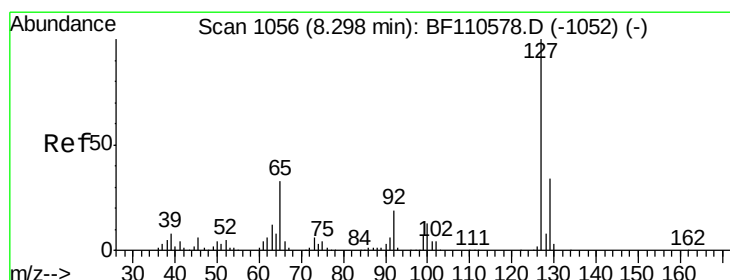
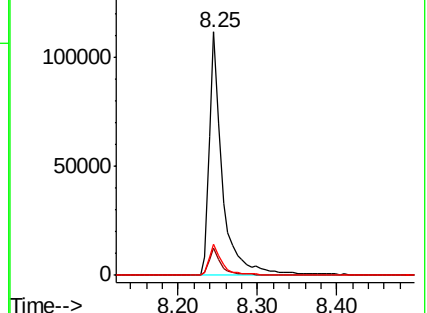
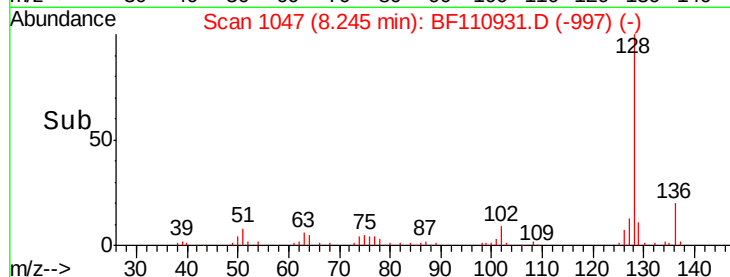
127 12.8 10.8 16.2



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: 3.106 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

Tgt Ion:127 Resp: 16633

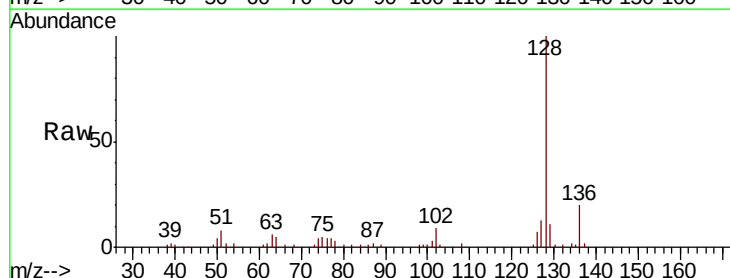
Ion Ratio Lower Upper

127 100

129 87.0 26.0 39.0#

65 0.0 25.1 37.7#

92 0.0 15.0 22.6#

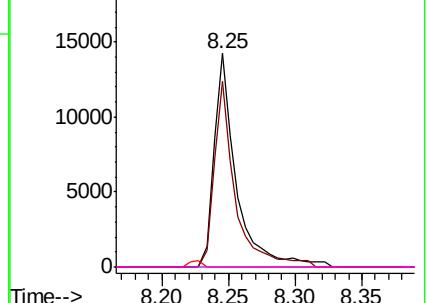
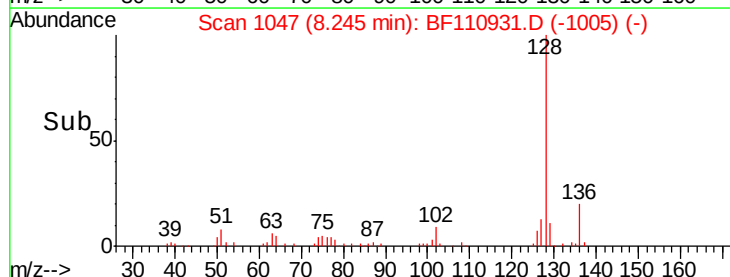


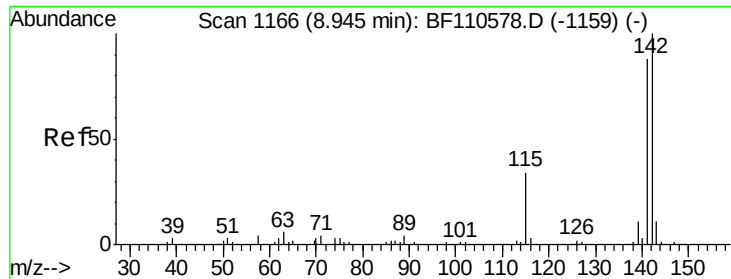
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

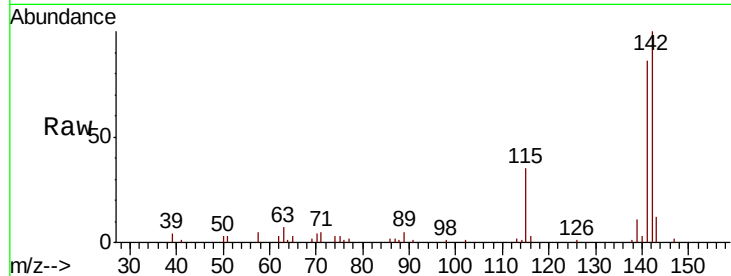




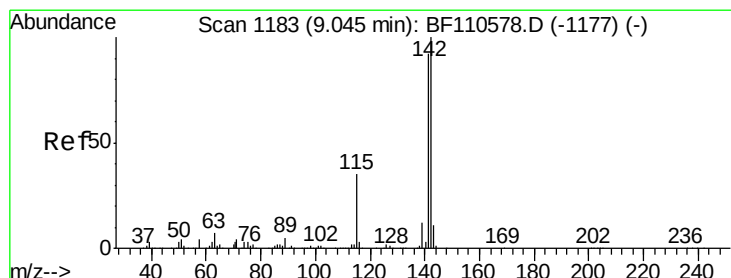
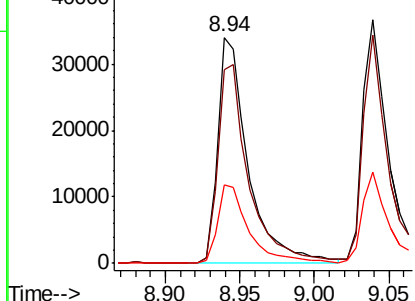
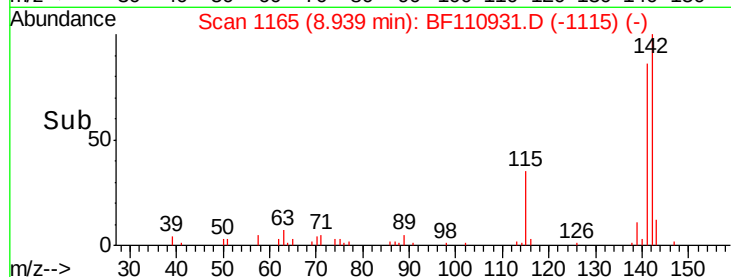
#37
2-Methylnaphthalene
Concen: 6.276 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Instrument :
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Tgt Ion:142 Resp: 48646
Ion Ratio Lower Upper
142 100
141 85.8 71.4 107.2
115 34.8 28.7 43.1

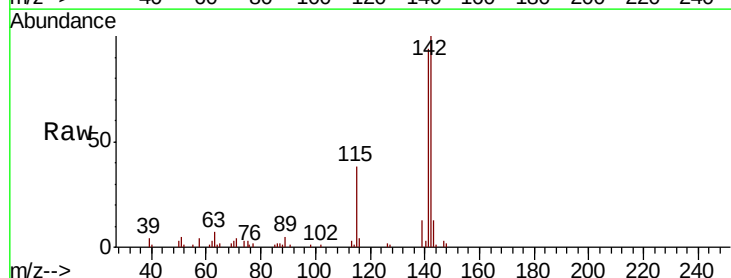


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

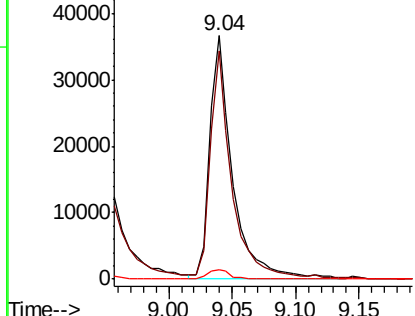
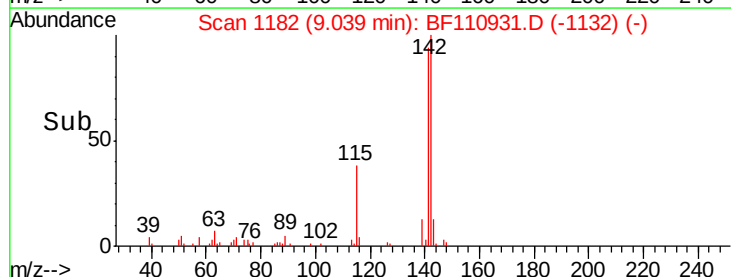


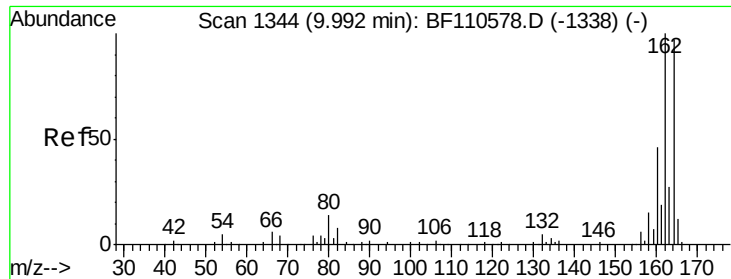
#38
1-Methylnaphthalene
Concen: 6.235 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Tgt Ion:142 Resp: 46477
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4
116 3.6 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

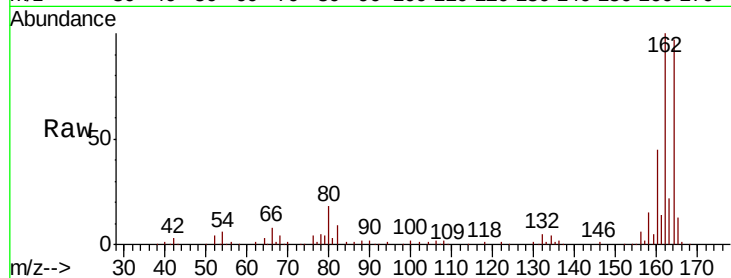




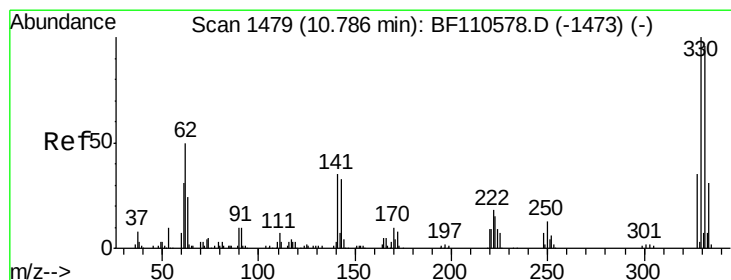
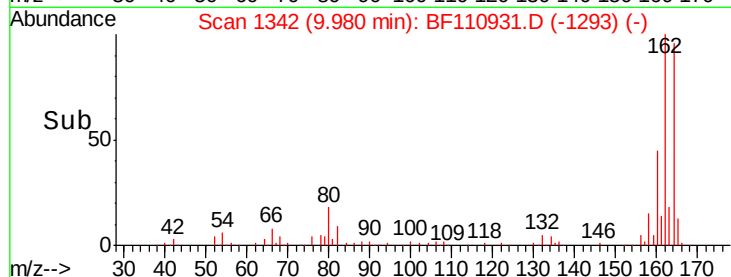
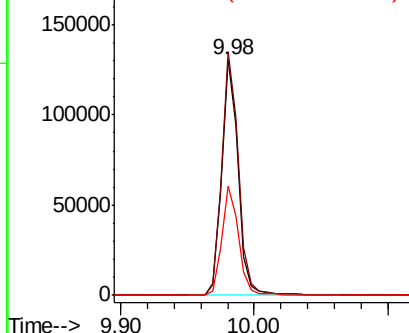
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Instrument :
BNA_F
ClientSampleId :
NB-08-112018

Tgt Ion:164 Resp: 114090
Ion Ratio Lower Upper
164 100
162 103.3 83.0 124.6
160 46.3 37.0 55.6

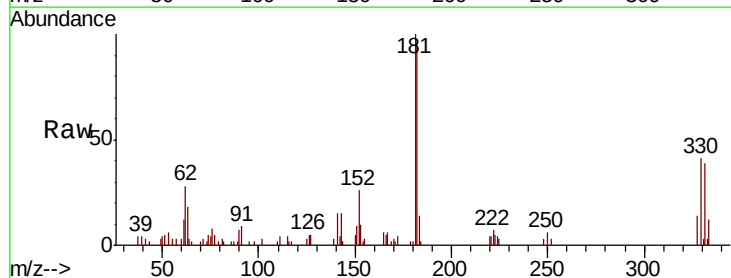


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

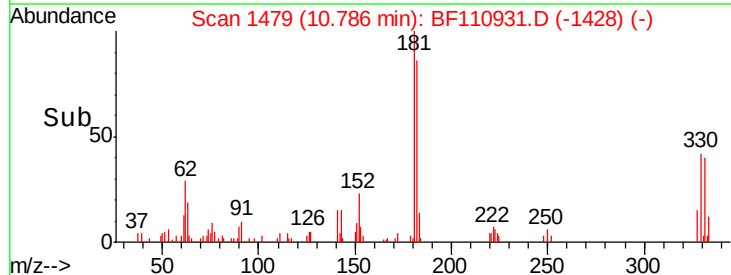
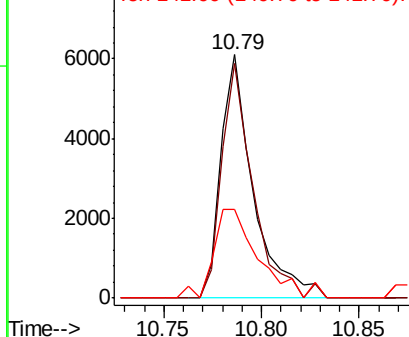


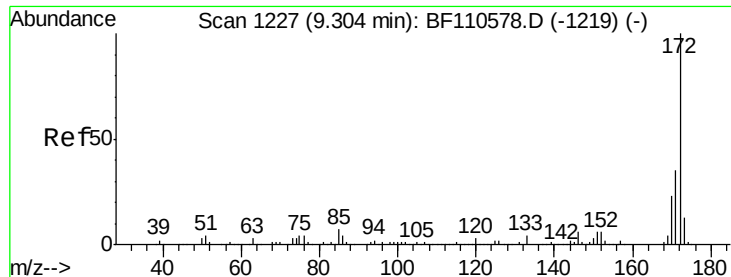
#42
2,4,6-Tribromophenol
Concen: 6.128 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Tgt Ion:330 Resp: 7045
Ion Ratio Lower Upper
330 100
332 93.2 77.1 115.7
141 50.9 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

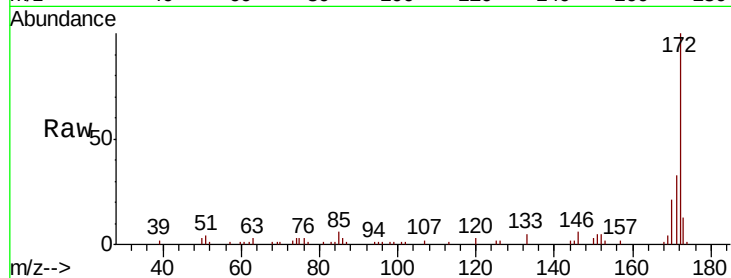




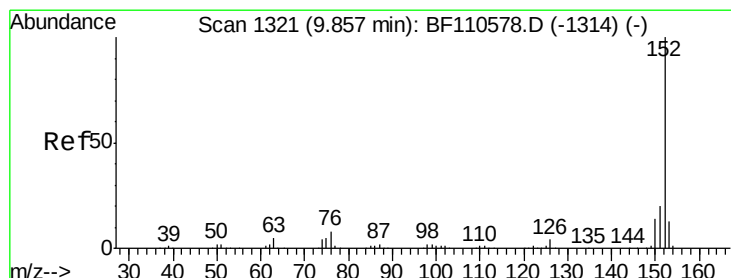
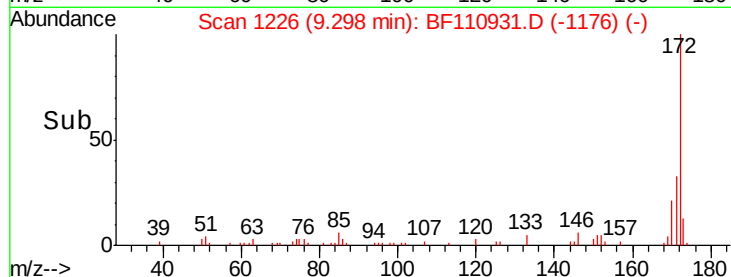
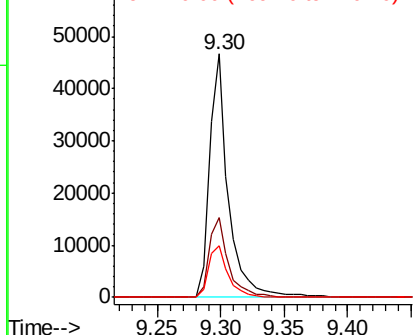
#45
2-Fluorobiphenyl
Concen: 6.049 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Instrument :
BNA_F
ClientSampleId :
NB-08-112018

Tgt Ion:172 Resp: 48326
Ion Ratio Lower Upper
172 100
171 32.6 28.6 43.0
170 21.2 19.7 29.5

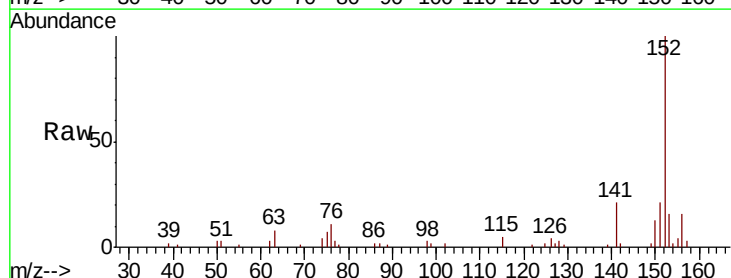


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

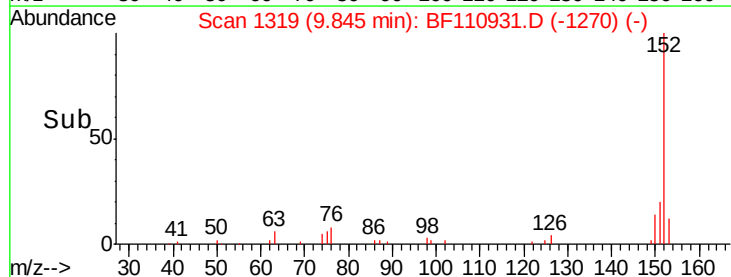
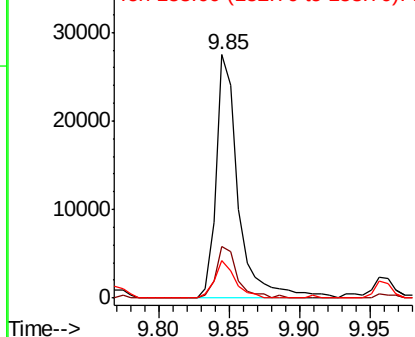


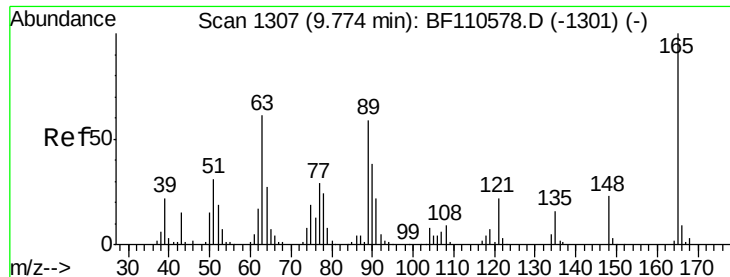
#49
Acenaphthylene
Concen: 2.714 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Tgt Ion:152 Resp: 29970
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.8
153 15.6 10.4 15.6



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

2,6-Dinitrotoluene

Concen: 9.041 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.21 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

Instrument :

BNA_F

ClientSampleId :

NB-08-112018

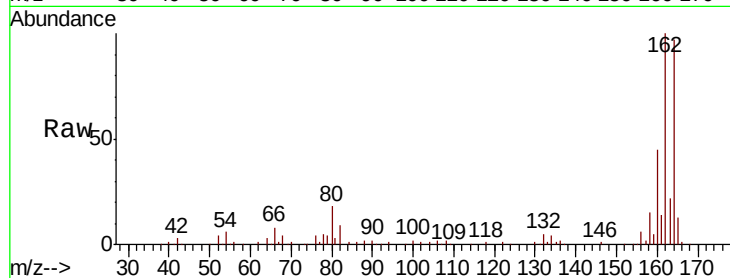
Tgt Ion:165 Resp: 16932

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

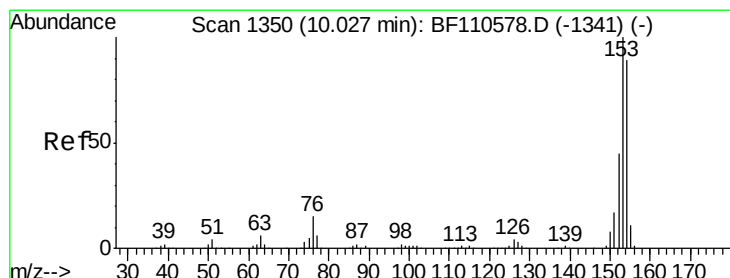
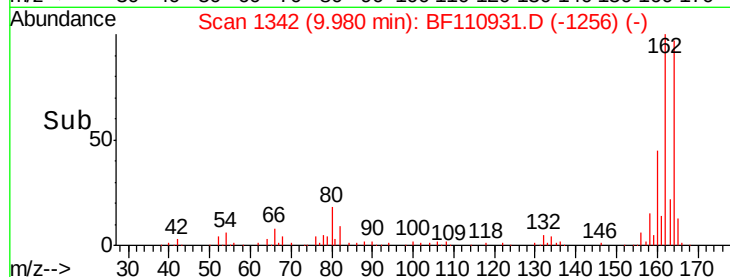
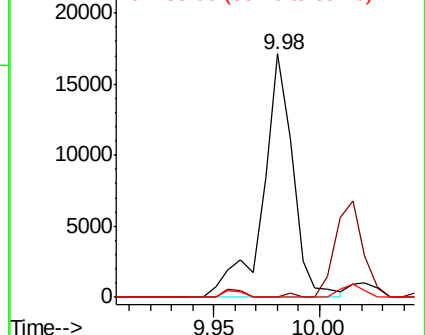
89 0.0 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 10.880 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

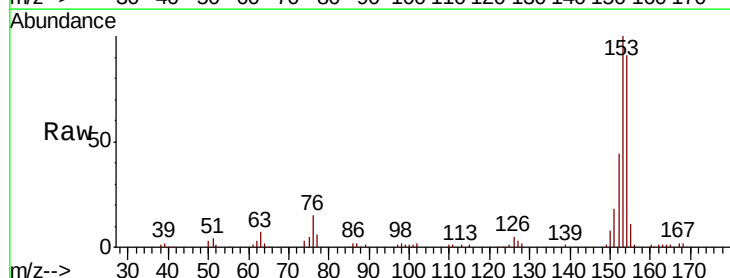
Tgt Ion:154 Resp: 75928

Ion Ratio Lower Upper

154 100

153 110.2 90.1 135.1

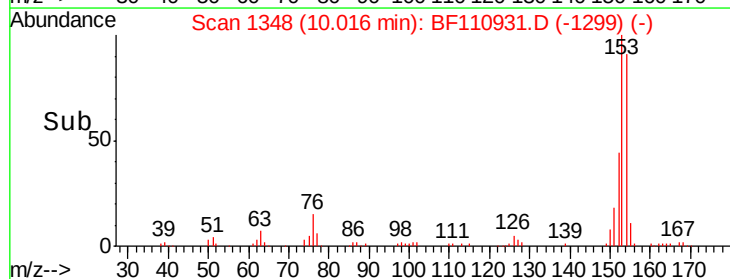
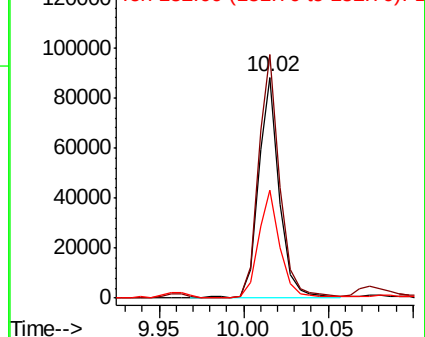
152 48.9 43.4 65.2

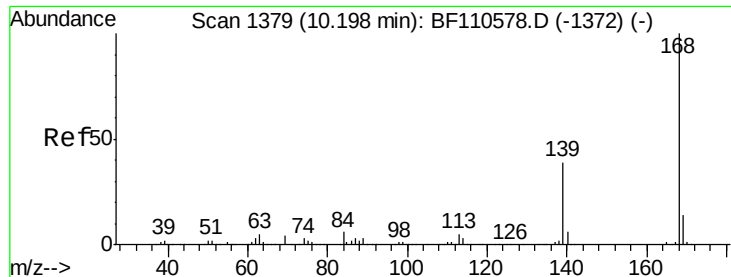


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

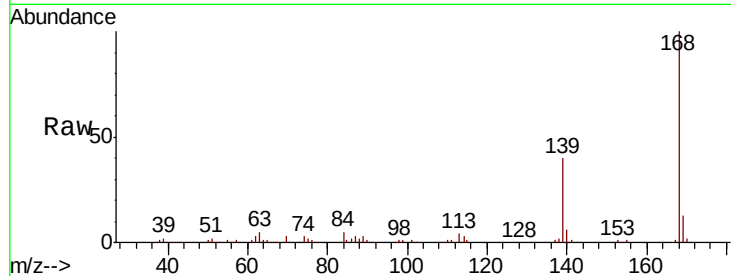




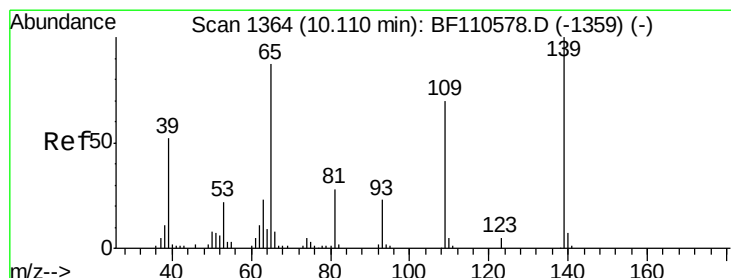
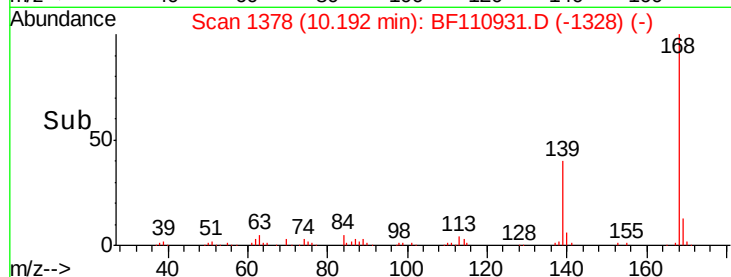
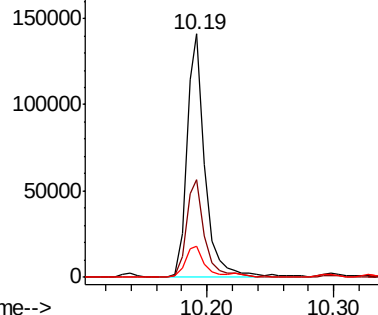
#55
Dibenzenofuran
Concen: 13.882 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Instrument :
BNA_F
ClientSampleId :
NB-08-112018

Tgt Ion:168 Resp: 141729
Ion Ratio Lower Upper
168 100
139 40.2 33.0 49.6
169 12.6 11.3 16.9

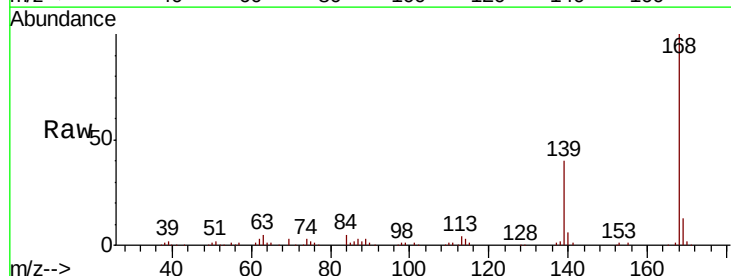


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

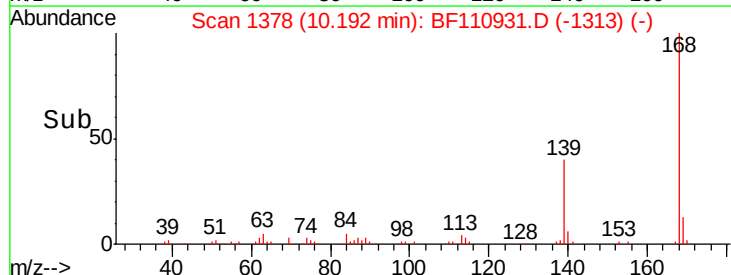
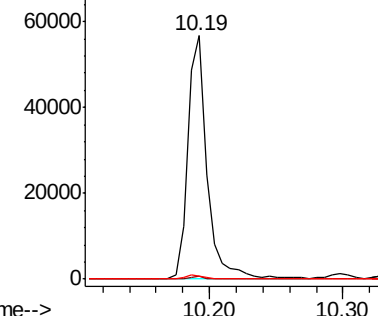


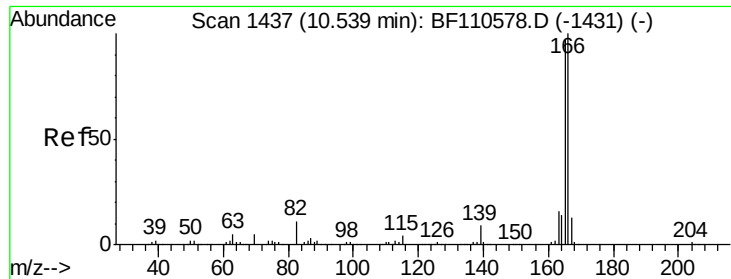
#56
4-Nitrophenol
Concen: 40.339 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Tgt Ion:139 Resp: 58064
Ion Ratio Lower Upper
139 100
109 1.0 55.8 95.8#
65 1.5 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: 27.946 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

Instrument :

BNA_F

ClientSampleId :

NB-08-112018

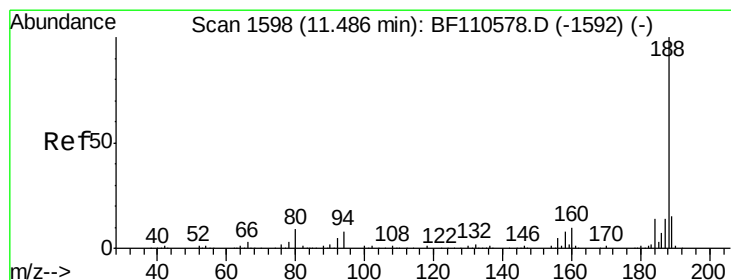
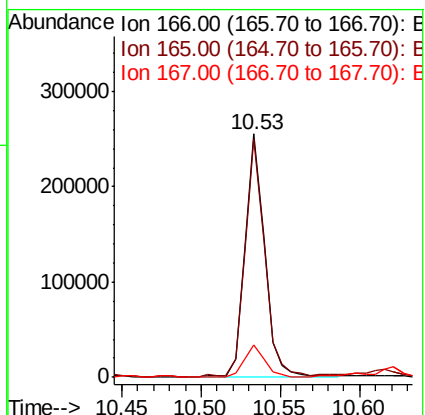
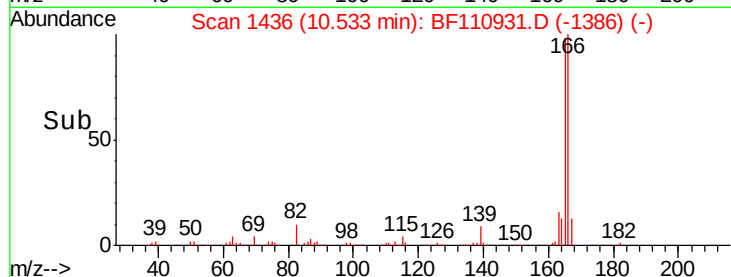
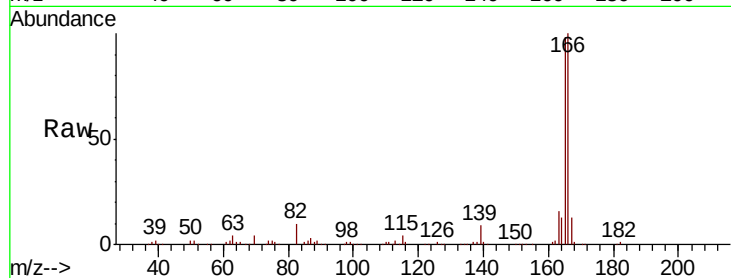
Tgt Ion:166 Resp: 219156

Ion Ratio Lower Upper

166 100

165 98.1 78.6 117.8

167 13.4 10.8 16.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

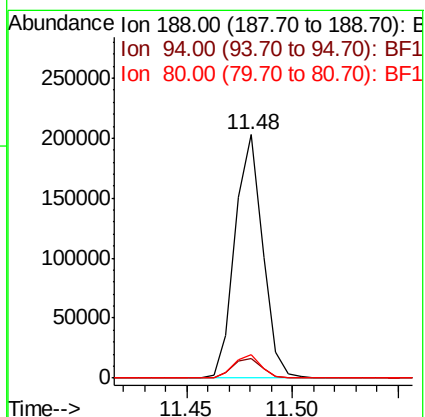
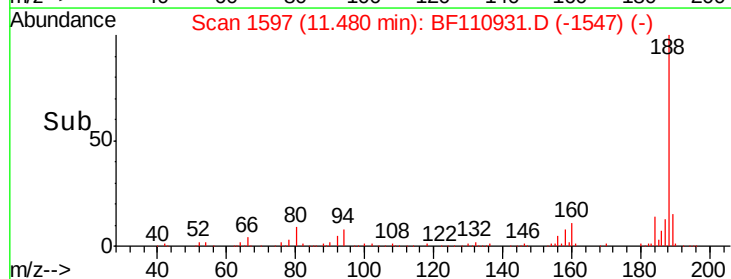
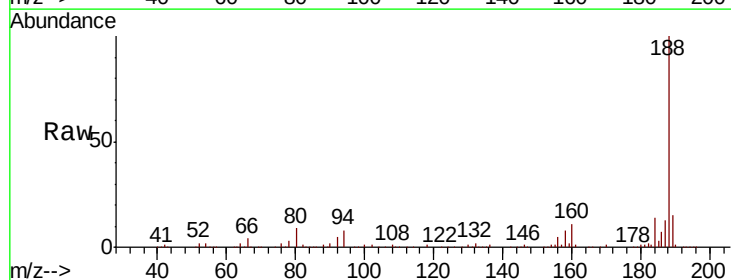
Tgt Ion:188 Resp: 183789

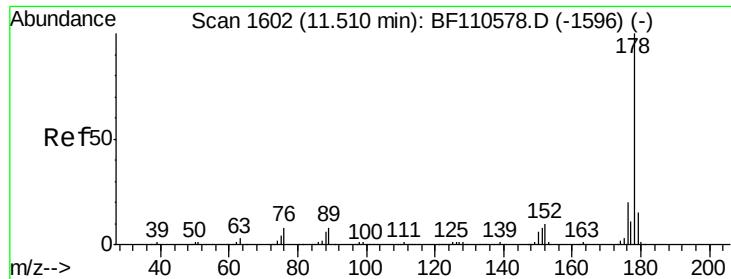
Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

80 9.5 7.9 11.9

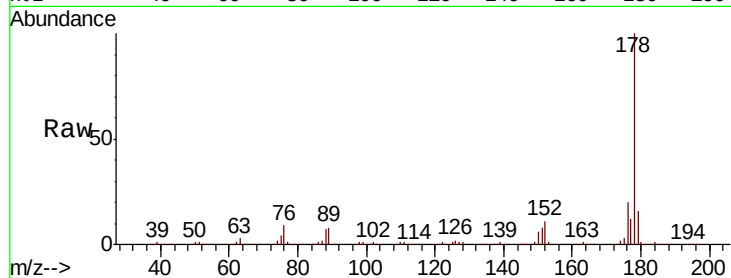




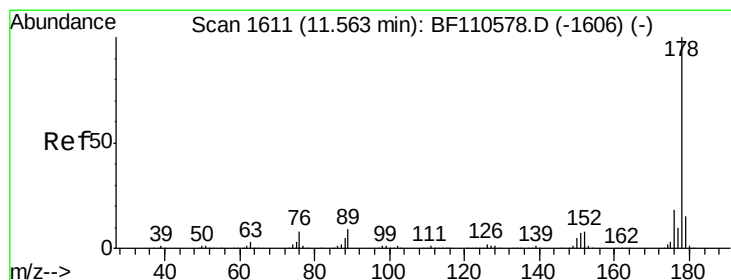
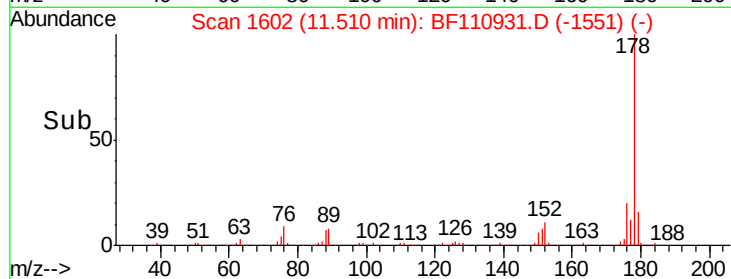
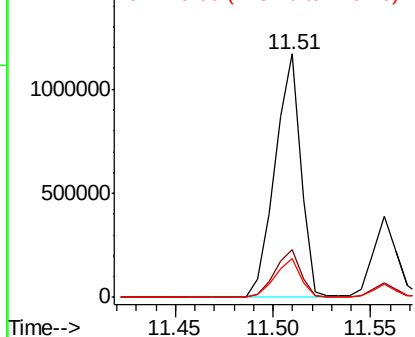
#71
Phenanthrene
Concen: 109.351 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Instrument :
BNA_F
ClientSampleId :
NB-08-112018

Tgt Ion:178 Resp: 1076721
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.7 12.5 18.7

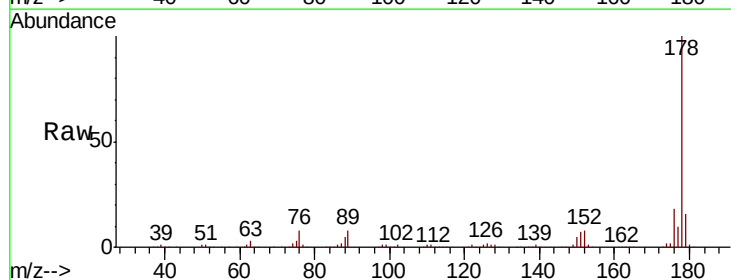


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

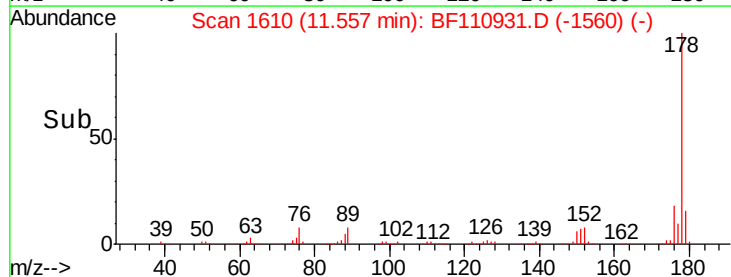
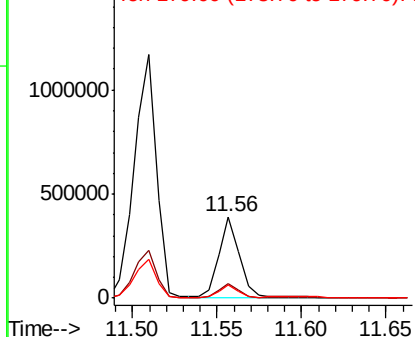


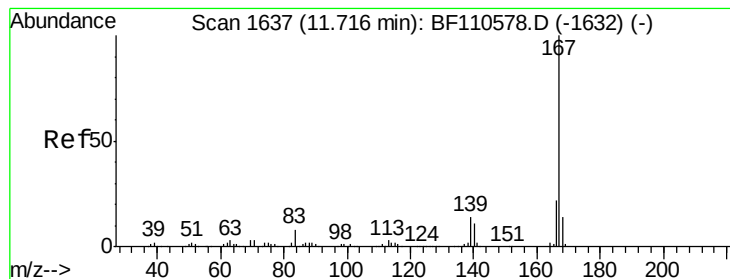
#72
Anthracene
Concen: 34.070 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Tgt Ion:178 Resp: 338406
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.2
179 15.7 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: 7.783 ng

RT: 11.72 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

Instrument :

BNA_F

ClientSampleId :

NB-08-112018

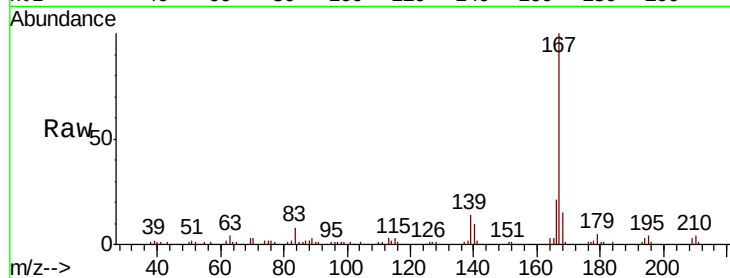
Tgt Ion:167 Resp: 74238

Ion Ratio Lower Upper

167 100

166 20.9 17.4 26.0

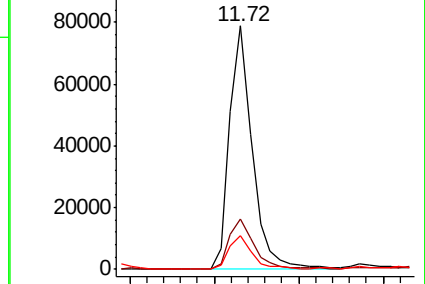
139 13.8 10.9 16.3



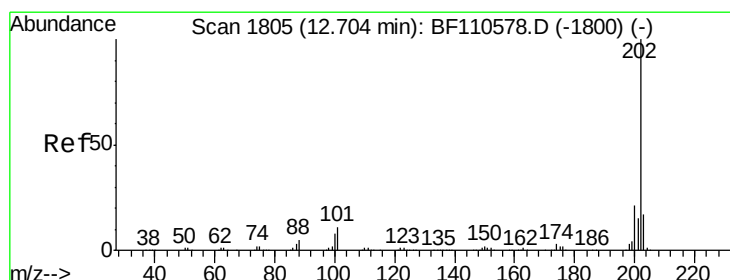
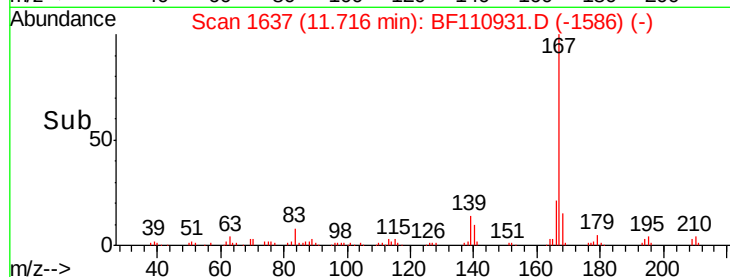
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 11.65 11.70 11.75 11.80



#75

Fluoranthene

Concen: 112.516 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

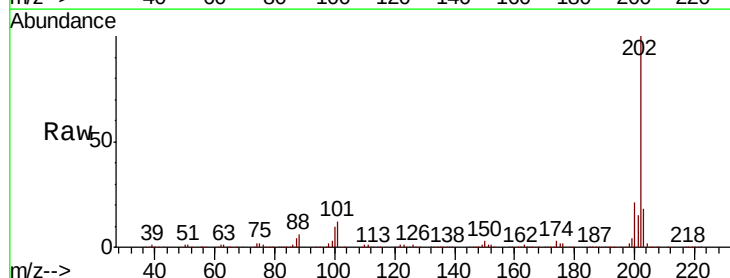
Tgt Ion:202 Resp: 1110730

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.4

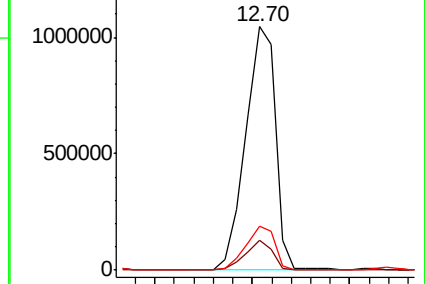
203 17.9 0.0 37.7



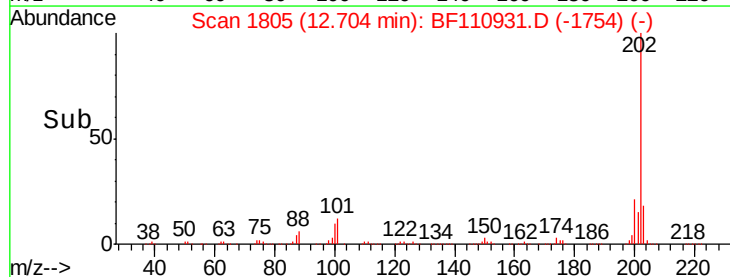
Abundance Ion 202.00 (201.70 to 202.70): E

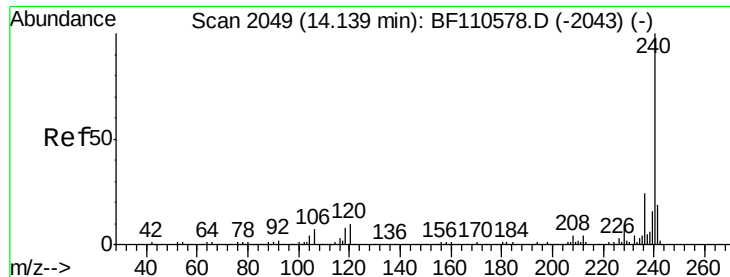
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.65 12.70 12.75

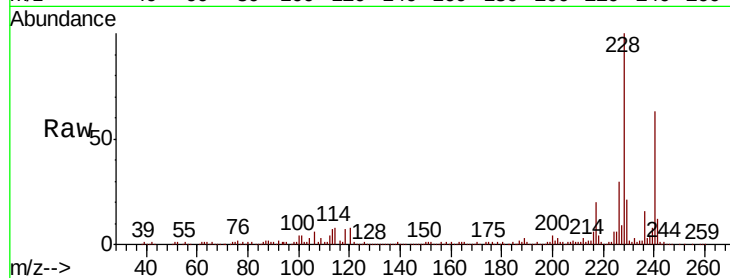




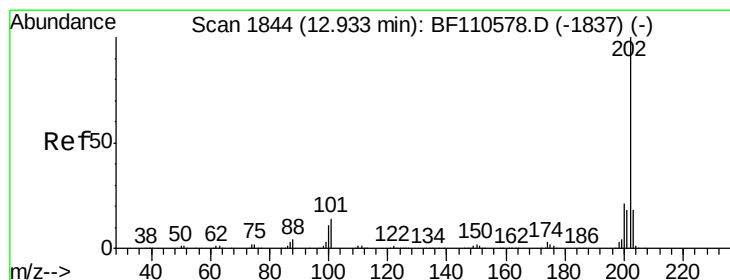
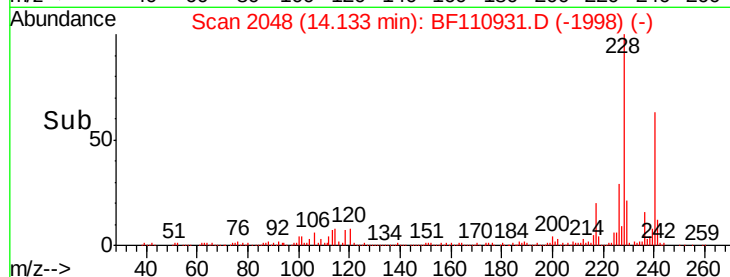
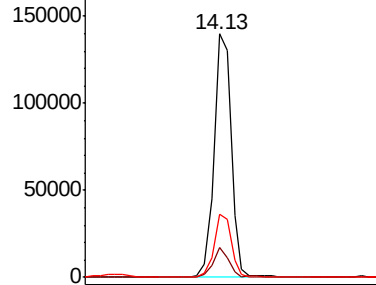
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Instrument :
BNA_F
ClientSampleId :
NB-08-112018

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.9	21.2	31.8

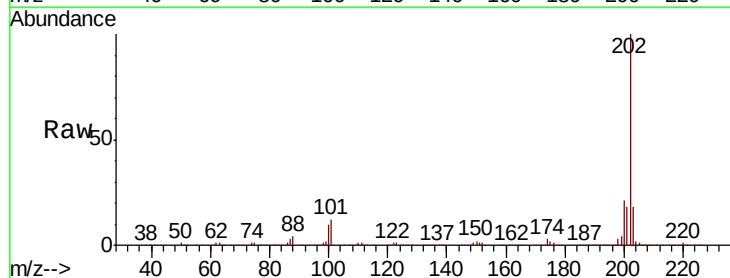


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

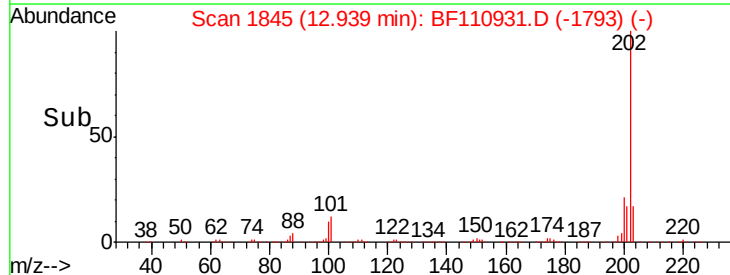
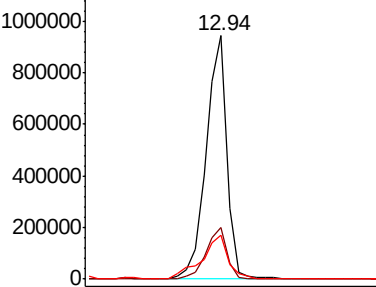


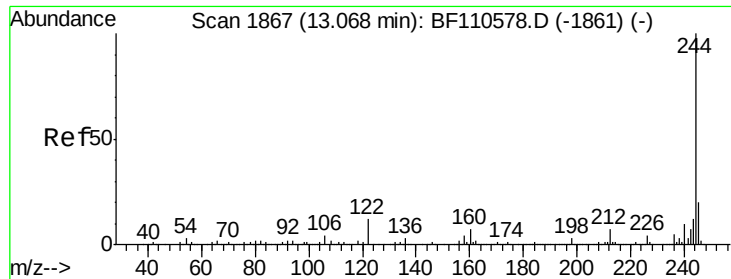
#78
Pyrene
Concen: 91.131 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Tgt 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

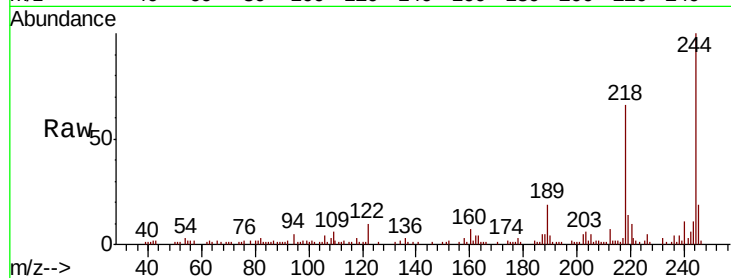




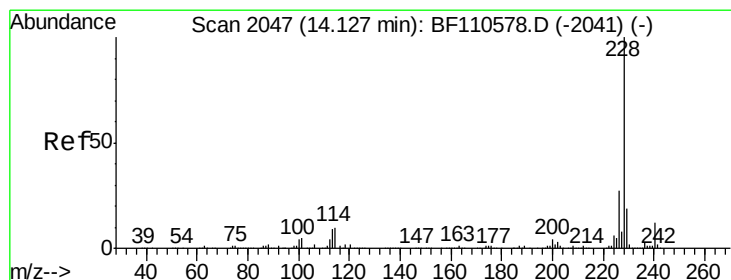
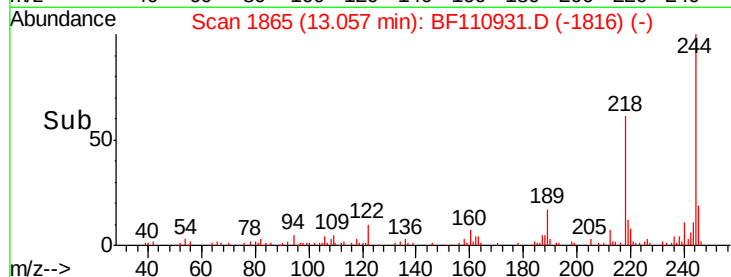
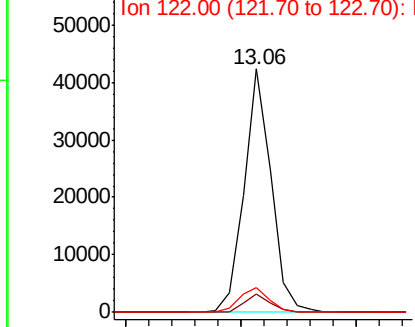
#79
 Terphenyl-d14
 Concen: 4.945 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110931.D
 Acq: 21 Nov 2018 16:32

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-112018

Tgt Ion: 244 Resp: 34578
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 9.9 8.7 13.1

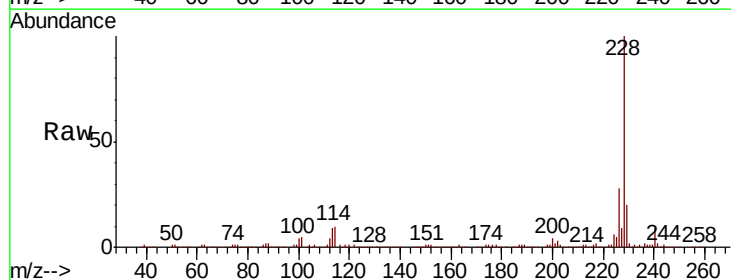


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

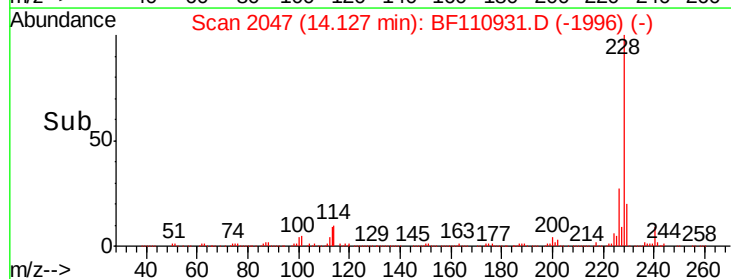
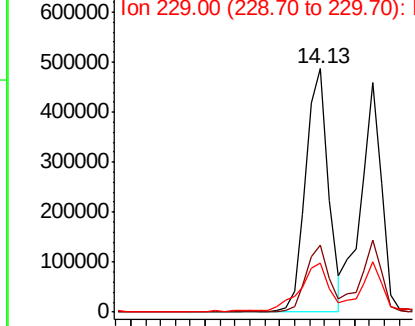


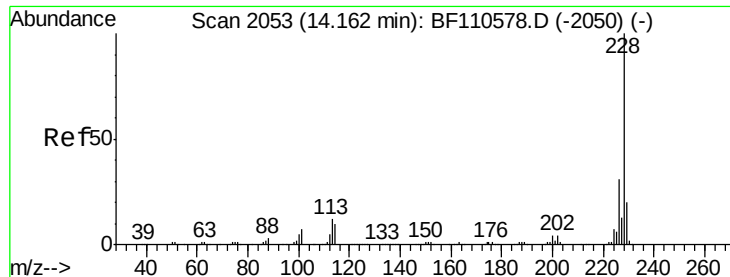
#81
 Benzo(a)anthracene
 Concen: 65.426 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: BF110931.D
 Acq: 21 Nov 2018 16:32

Tgt Ion: 228 Resp: 512087
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.1 33.1
 229 20.4 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: 54.761 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

Instrument :

BNA_F

ClientSampleId :

NB-08-112018

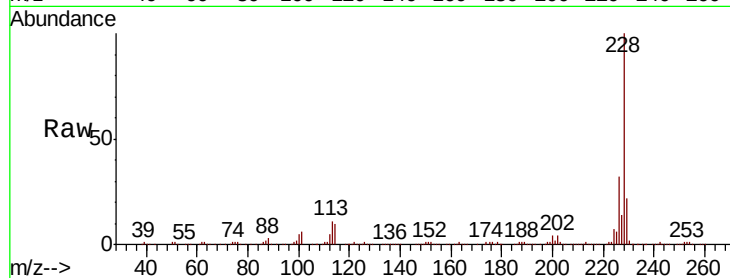
Tgt Ion:228 Resp: 408344

Ion Ratio Lower Upper

228 100

226 31.7 24.7 37.1

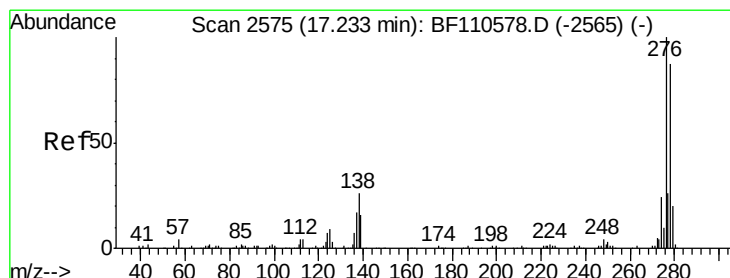
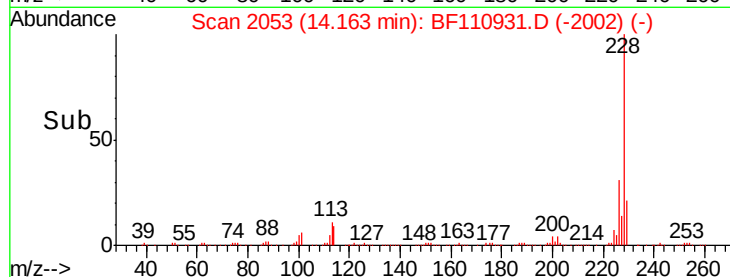
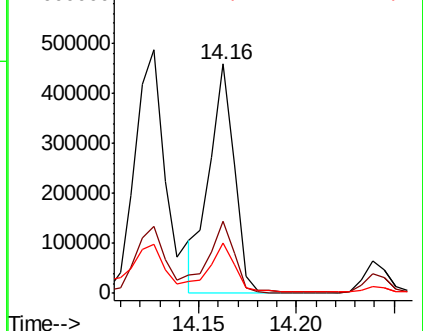
229 21.7 15.9 23.9



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: 29.770 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.02 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

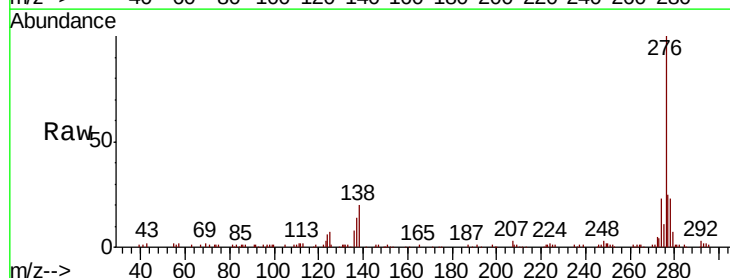
Tgt Ion:276 Resp: 159300

Ion Ratio Lower Upper

276 100

138 19.9 18.5 27.7

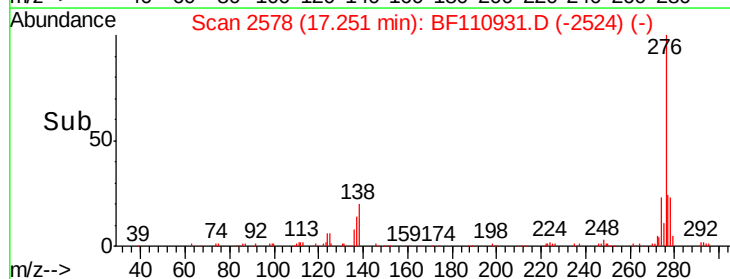
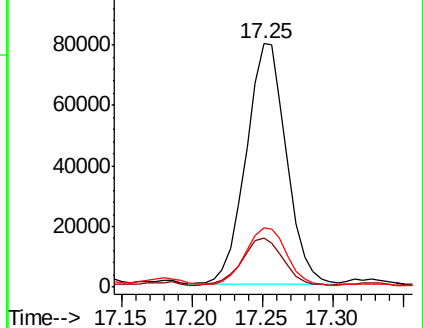
277 25.1 20.0 30.0

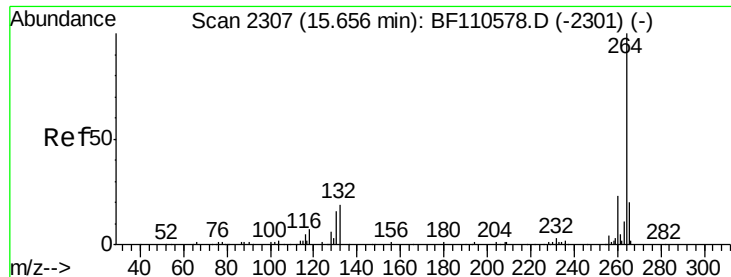


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

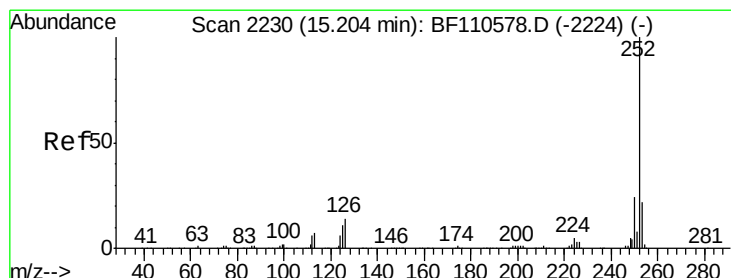
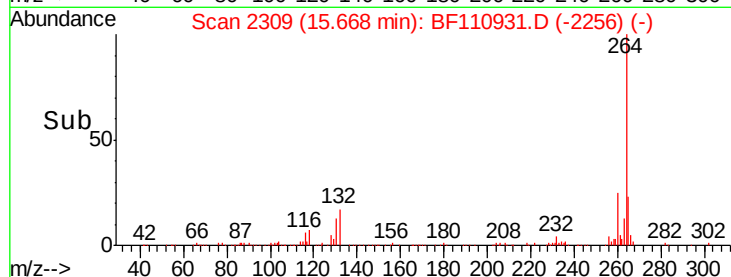
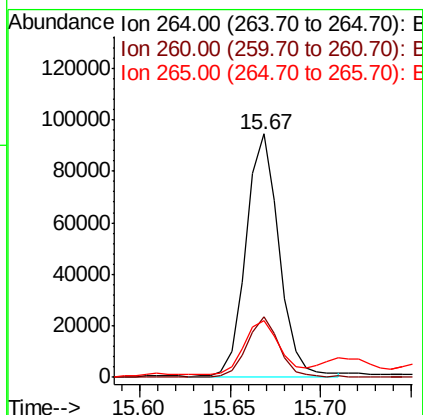
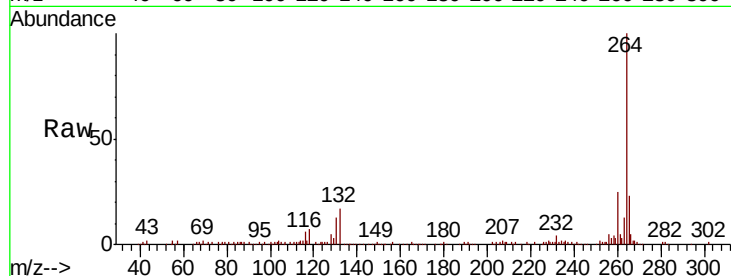




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

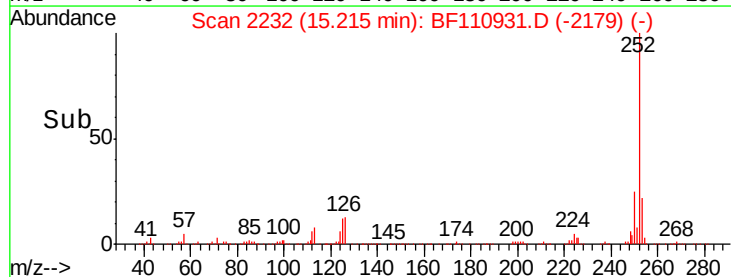
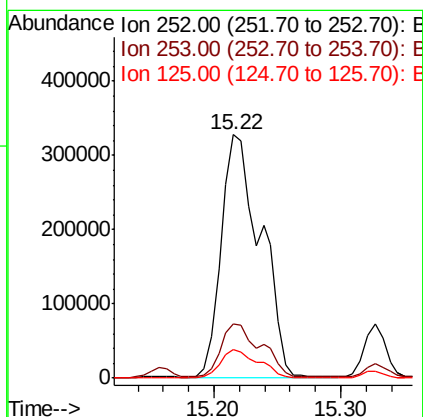
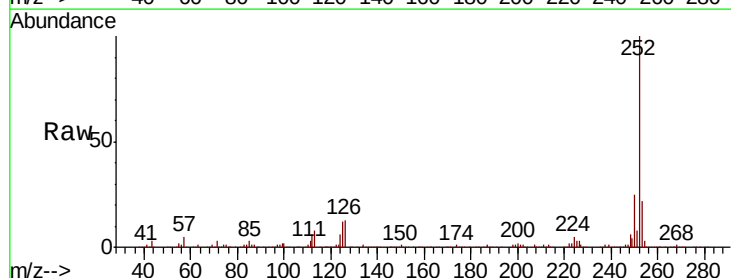
Instrument :
BNA_F
ClientSampleId :
NB-08-112018

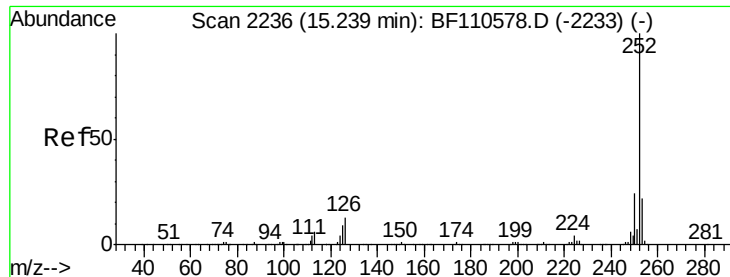
Tgt Ion:264 Resp: 118623
Ion Ratio Lower Upper
264 100
260 24.8 18.7 28.1
265 23.2 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 100.342 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Tgt Ion:252 Resp: 712074
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 101.549 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

Instrument :

BNA_F

ClientSampleId :

NB-08-112018

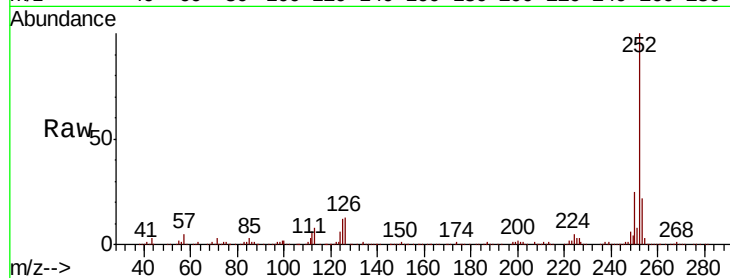
Tgt Ion:252 Resp: 712074

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

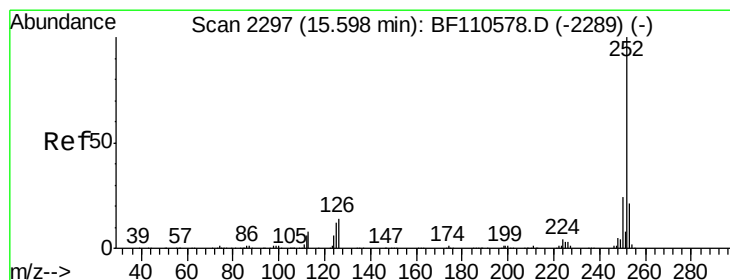
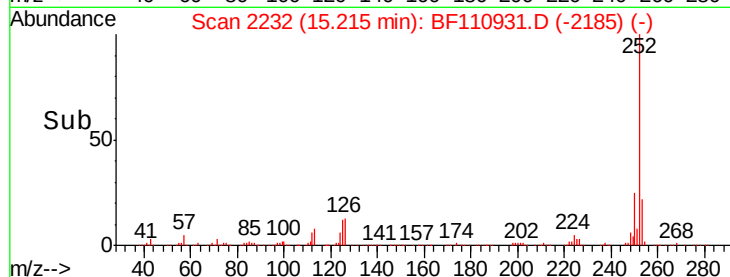
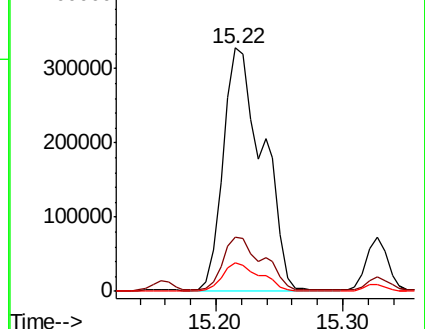
125 11.7 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 57.338 ng

RT: 15.61 min Scan# 2299

Delta R.T. 0.01 min

Lab File: BF110931.D

Acq: 21 Nov 2018 16:32

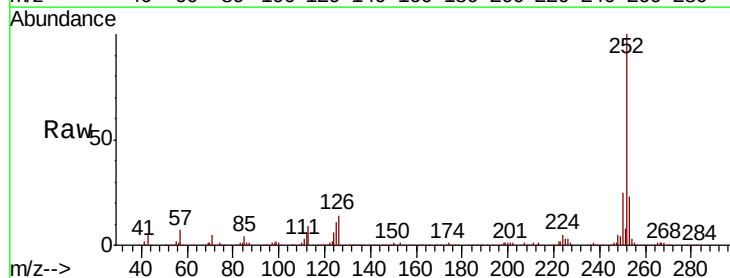
Tgt Ion:252 Resp: 369696

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

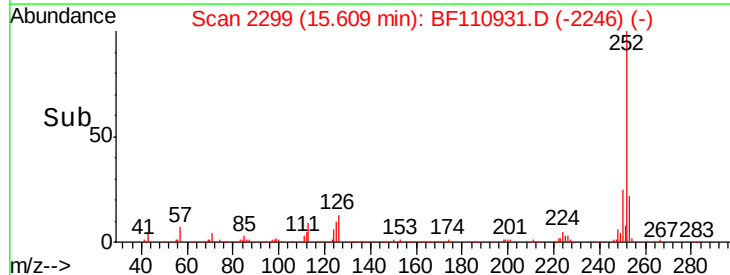
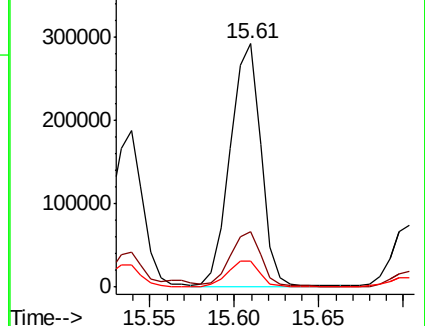
125 10.5 9.0 13.6

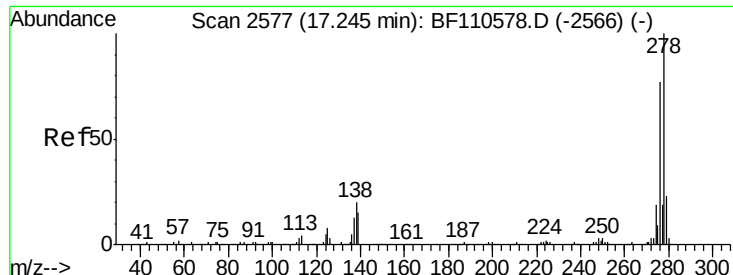


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

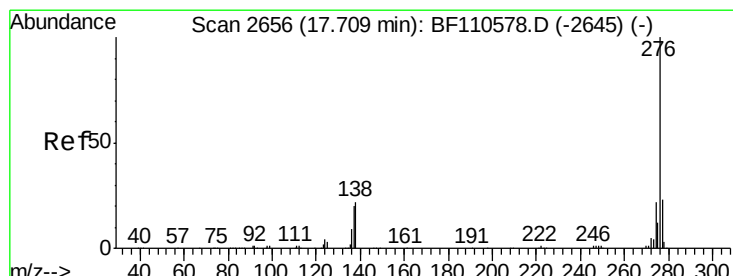
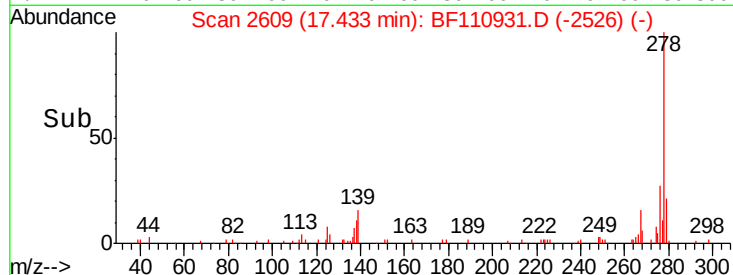
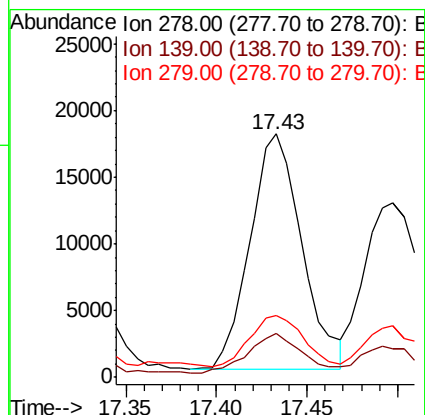
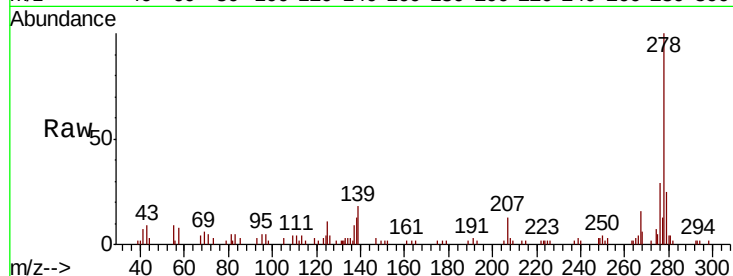




#91
Dibenzo(a,h)anthracene
Concen: 6.420 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.19 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Instrument :
BNA_F
ClientSampleId :
NB-08-112018

Tgt Ion: 278 Resp: 35028
Ion Ratio Lower Upper
278 100
139 17.9 12.7 19.1
279 25.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 25.961 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.03 min
Lab File: BF110931.D
Acq: 21 Nov 2018 16:32

Tgt Ion: 276 Resp: 140546
Ion Ratio Lower Upper
276 100
277 25.6 18.8 28.2
138 22.3 16.0 24.0

