

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118981.D
 Acq On : 21 Feb 2020 1:59
 Operator : CG/JU
 Sample : L1468-05DL 50X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 03:29:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	204837	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	792744	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	400020	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	642384	20.00	ng	0.00
76) Chrysene-d12	13.91	240	521381	20.00	ng	0.00
87) Perylene-d12	15.33	264	523020	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	19918	1.63	ng	0.00
7) Phenol-d6	6.40	99	25682	1.72	ng	0.00
23) Nitrobenzene-d5	7.32	82	15540	1.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	6477	1.24	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	38222	1.41	ng	-0.01
79) Terphenyl-d14	12.85	244	37919	1.25	ng	0.00

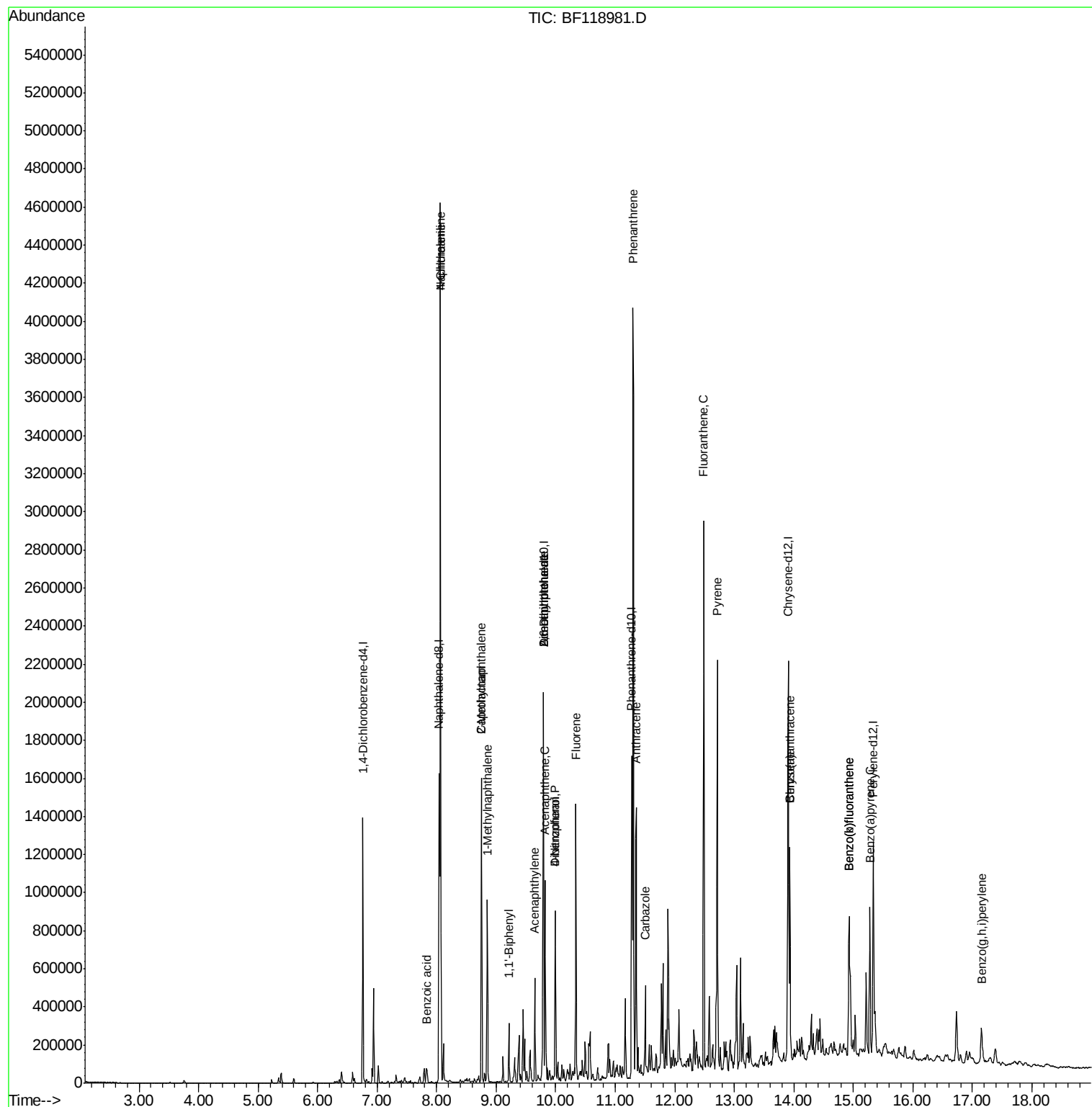
Target Compounds				Qvalue		
31) Naphthalene	8.07	128	2290074	55.702	ng	99
32) Benzoic acid	7.83	122	4258	7.151	ng	# 28
33) 4-Chloroaniline	8.07	127	319833	18.087	ng	# 37
35) Caprolactam	8.75	113	8750	2.261	ng	# 8
37) 2-Methylnaphthalene	8.75	142	410469	14.836	ng	99
38) 1-Methylnaphthalene	8.85	142	232101	8.920	ng	99
46) 1,1'-Biphenyl	9.22	154	104327	3.227	ng	99
49) Acenaphthylene	9.65	152	174240	4.631	ng	98
50) Dimethylphthalate	9.79	163	89667	2.931	ng	# 1
51) 2,6-Dinitrotoluene	9.79	165	59514	8.757	ng	# 30
52) Acenaphthene	9.82	154	206967	9.122	ng	100
55) Dibenzofuran	9.99	168	329926	9.742	ng	97
56) 4-Nitrophenol	9.99	139	121092	26.751	ng	# 12
58) Fluorene	10.34	166	423865	16.107	ng	99
71) Phenanthrene	11.30	178	1630983	46.556	ng	99
72) Anthracene	11.35	178	554632	15.845	ng	98
73) Carbazole	11.50	167	200082	6.416	ng	98
75) Fluoranthene	12.49	202	1129335	30.370	ng	99
78) Pvrene	12.72	202	959333	22.914	ng	99
81) Benzo(a)anthracene	13.93	228	399498	11.246	ng	94
83) Chrysene	13.93	228	399498	11.286	ng	98
88) Benzo(b)fluoranthene	14.93	252	580758	16.846	ng	98
89) Benzo(k)fluoranthene	14.93	252	580758	18.178	ng	99
90) Benzo(a)pyrene	15.27	252	353250	11.353	ng	98
92) Benzo(g,h,i)perylene	17.15	276	150694	5.571	ng	99

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

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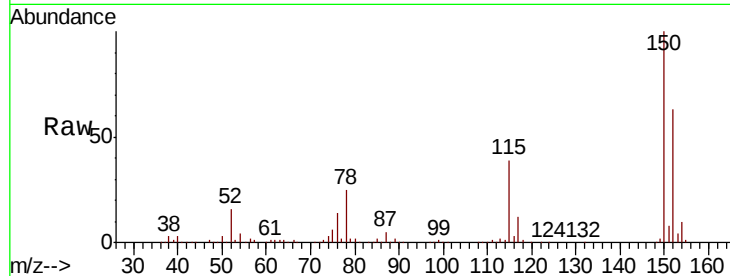


#1

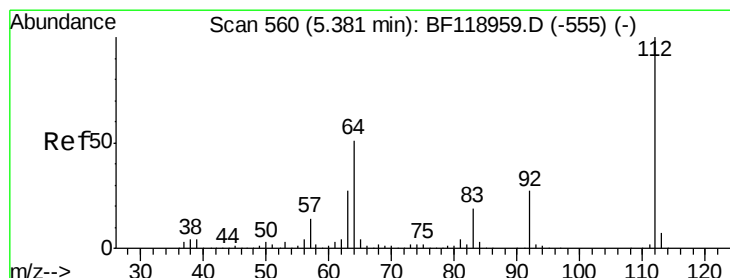
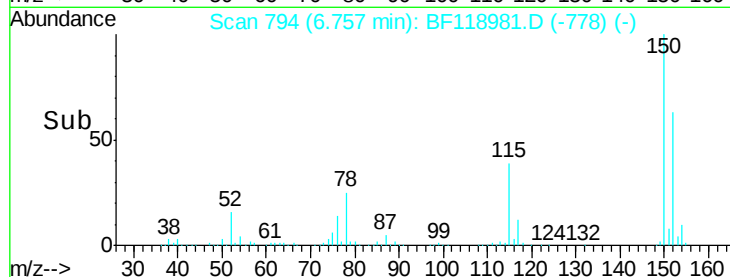
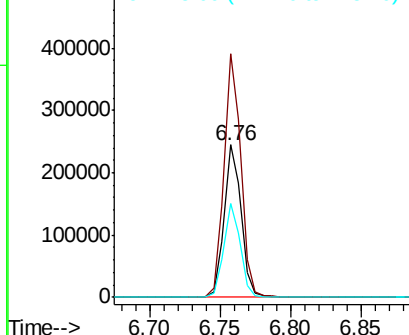
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 204837
Ion Ratio Lower Upper
152 100
150 159.9 124.3 186.5
115 61.9 44.6 67.0



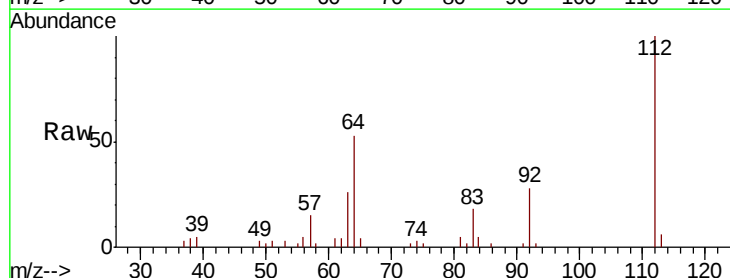
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



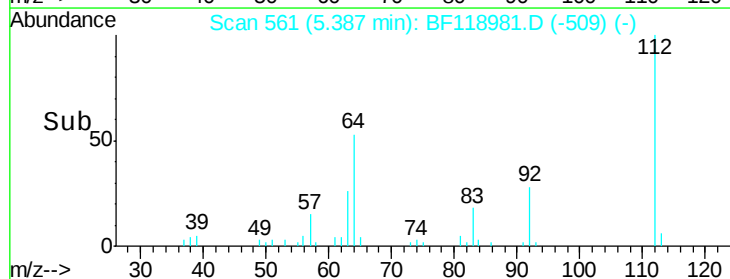
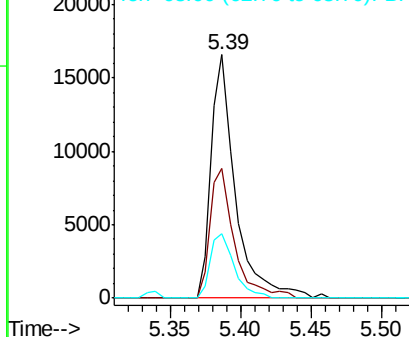
#5

2-Fluorophenol
Concen: 1.625 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

Tgt Ion:112 Resp: 19918
Ion Ratio Lower Upper
112 100
64 53.1 40.4 60.6
63 26.5 21.3 31.9



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: 1.723 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

Instrument :

BNA_F

ClientSampleId :

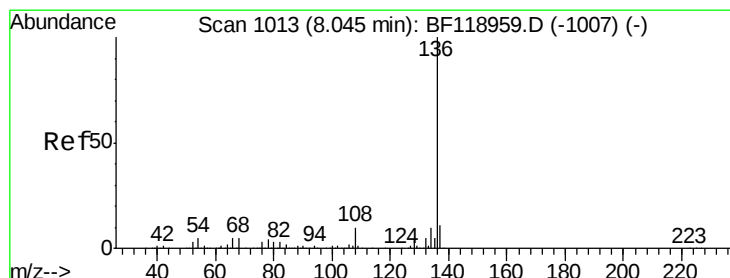
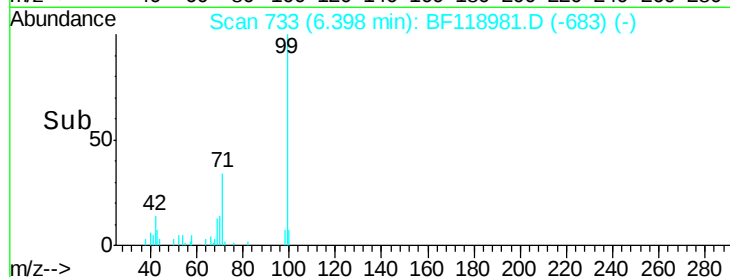
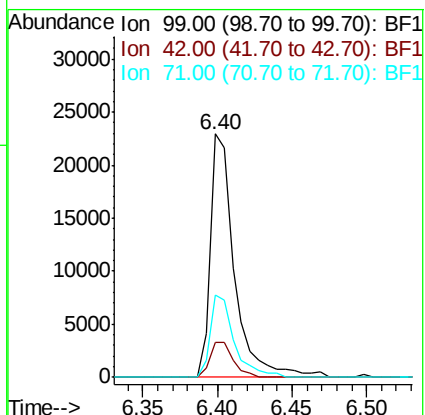
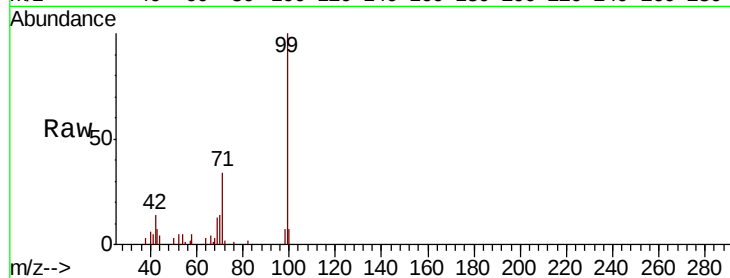
Tot Ion: 99 Resp: 25682

Ion Ratio Lower Upper

99 100

42 14.2 11.4 17.0

71 33.8 29.8 44.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

Tgt Ion: 136 Resp: 792744

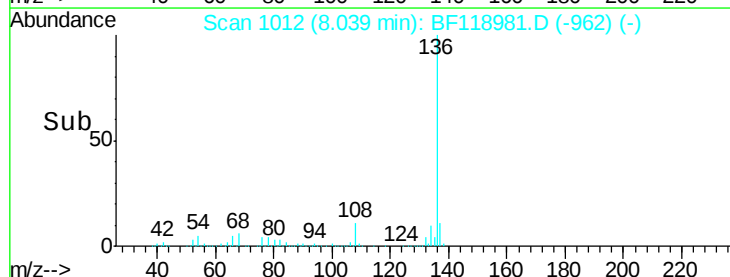
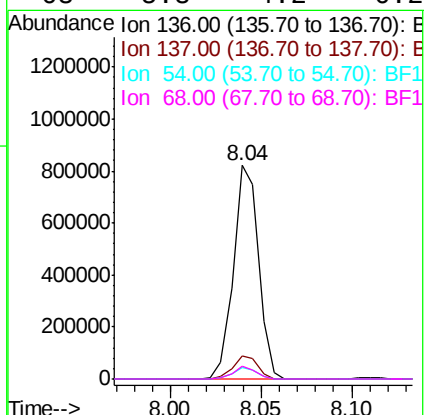
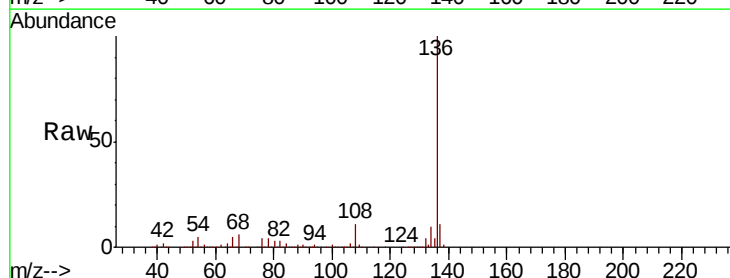
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.2 3.8 5.6

68 5.8 4.2 6.2

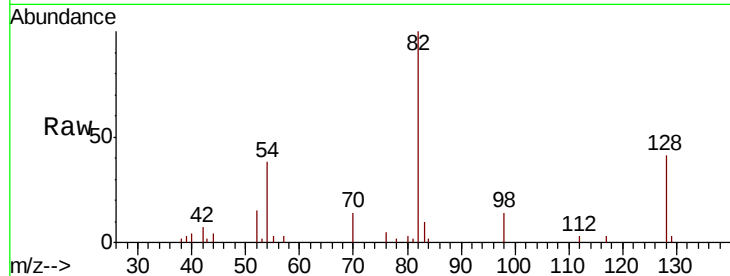




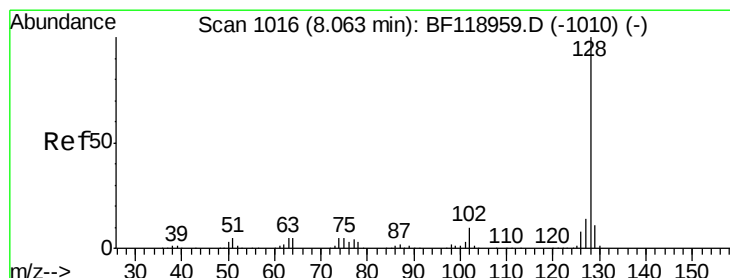
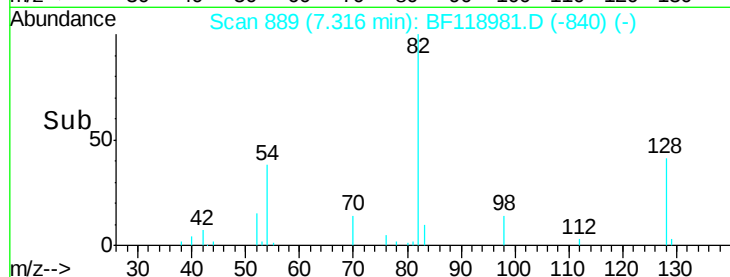
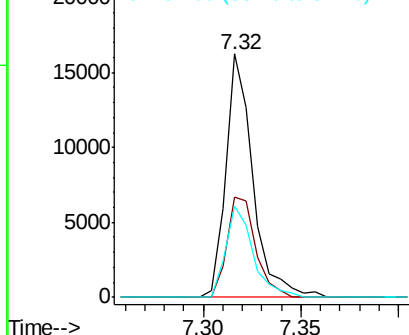
#23
 Nitrobenzene-d5
 Concen: 1.035 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF118981.D
 Acq: 21 Feb 2020 1:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	38.2	57.2
54	37.7	31.3	46.9

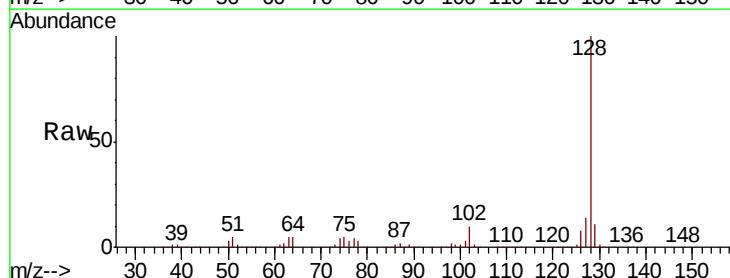


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

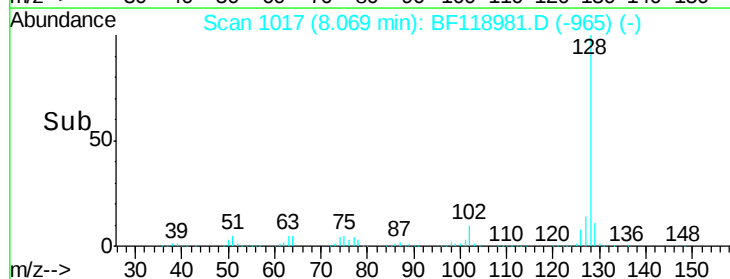
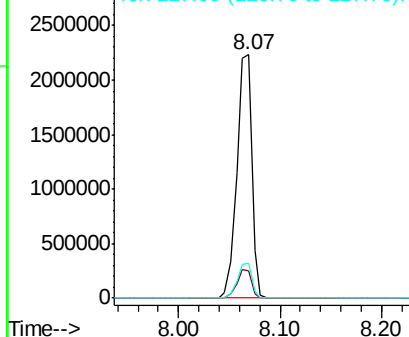


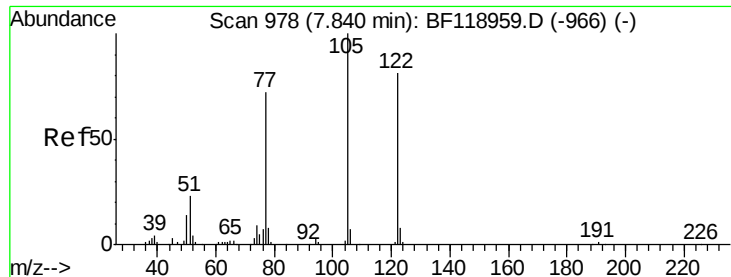
#31
 Naphthalene
 Concen: 55.702 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: BF118981.D
 Acq: 21 Feb 2020 1:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	14.4	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
 Ion 129.00 (128.70 to 129.70): BF1
 Ion 127.00 (126.70 to 127.70): BF1

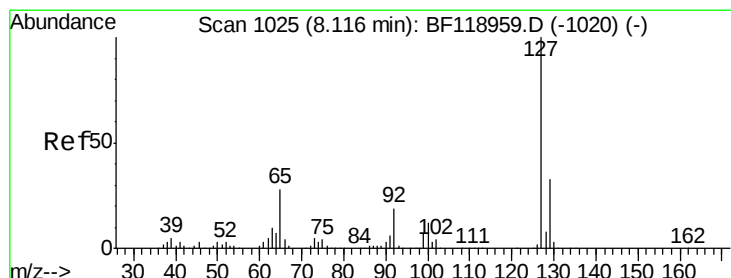
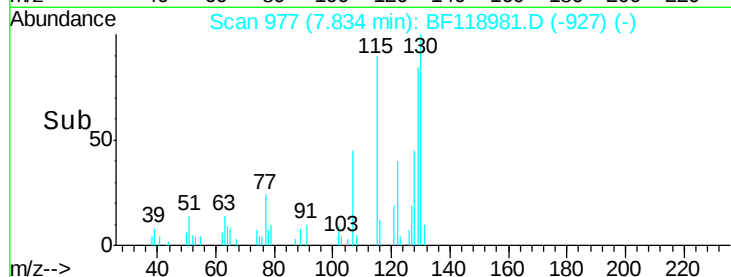
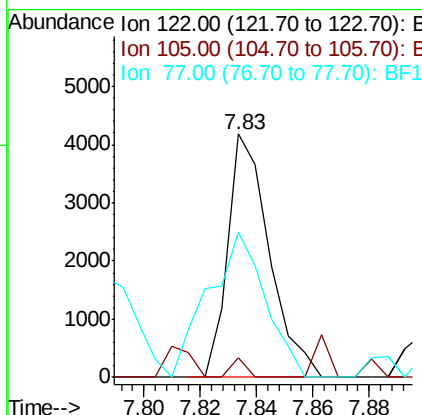
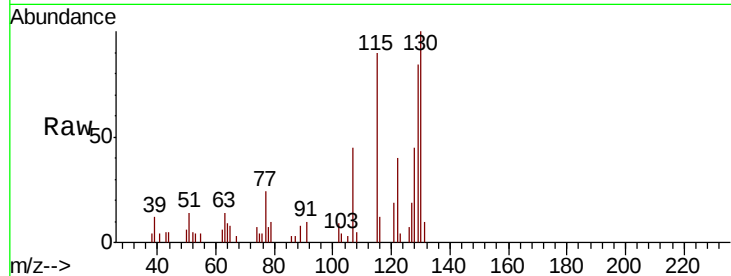




#32
Benzoic acid
Concen: 7.151 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

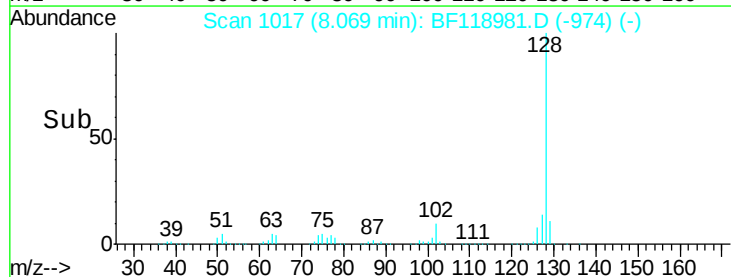
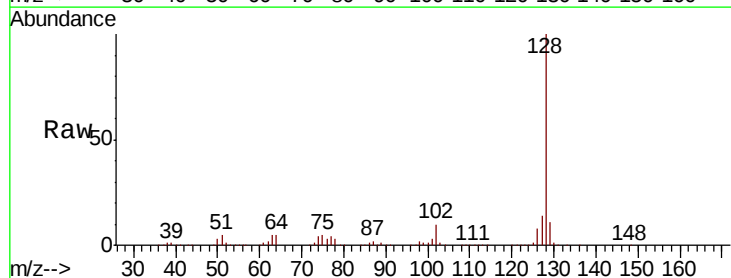
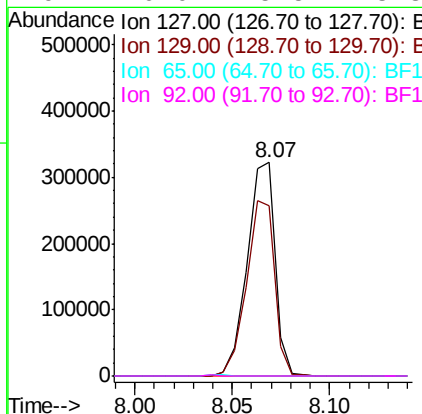
Instrument :
BNA_F
ClientSampleId :

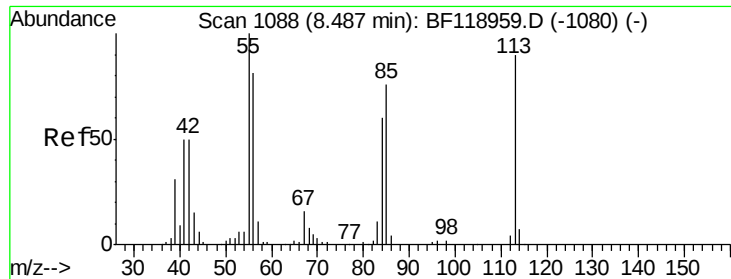
Tot Ion	Ratio	Lower	Upper
122	100		
105	8.2	102.2	142.2#
77	59.3	68.6	108.6#



#33
4-Chloroaniline
Concen: 18.087 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.05 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

Tgt Ion	Ratio	Lower	Upper
127	100		
129	79.5	26.2	39.2#
65	0.0	22.0	33.0#
92	0.0	15.5	23.3#

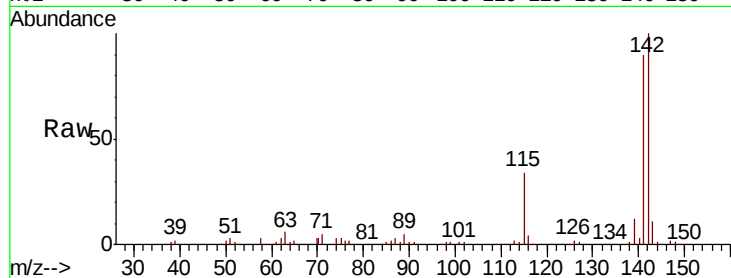




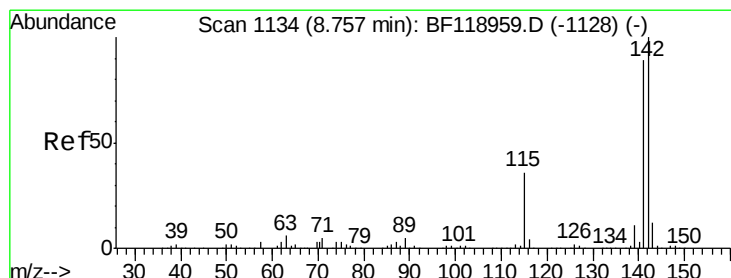
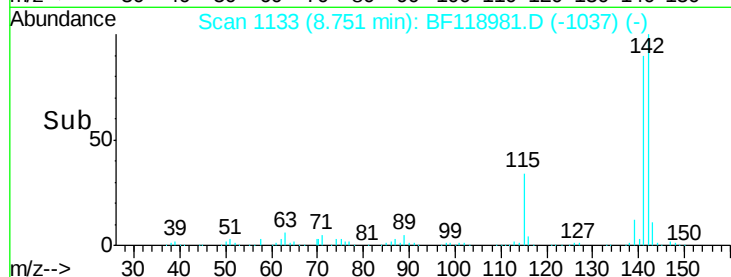
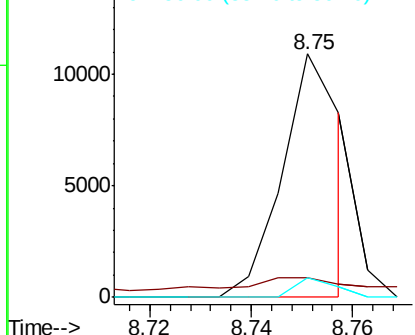
#35
 Caprolactam
 Concen: 2.261 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.26 min
 Lab File: BF118981.D
 Acq: 21 Feb 2020 1:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 8750
 Ion Ratio Lower Upper
 113 100
 55 8.1 90.8 130.8#
 56 8.0 70.0 110.0#

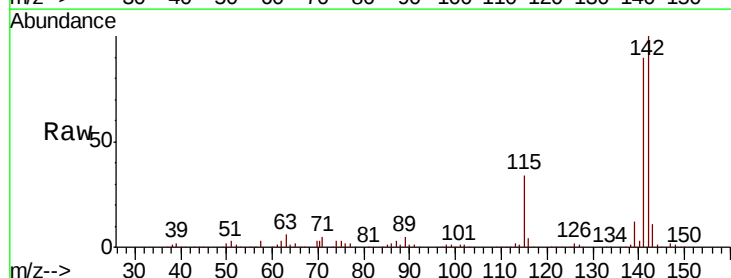


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

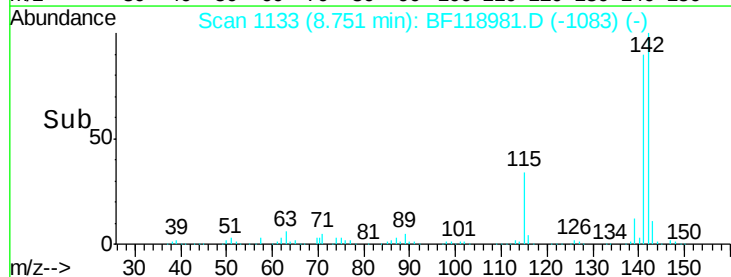
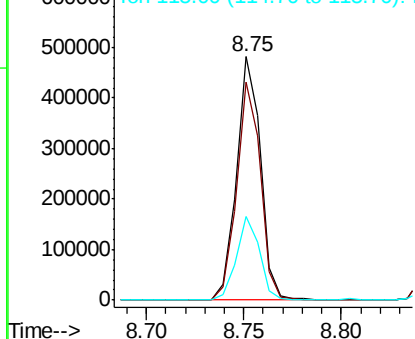


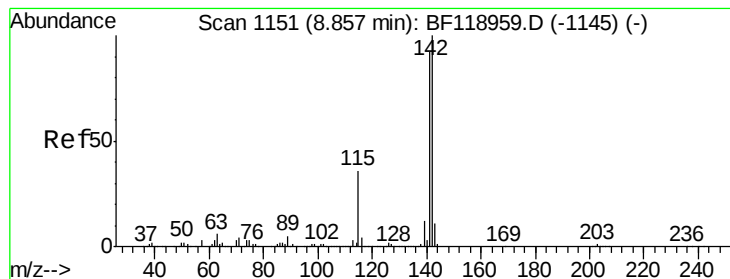
#37
 2-Methylnaphthalene
 Concen: 14.836 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF118981.D
 Acq: 21 Feb 2020 1:59

Tgt Ion:142 Resp: 410469
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.4
 115 34.5 28.6 42.8



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: 8.920 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

Instrument :

BNA_F

ClientSampleId :

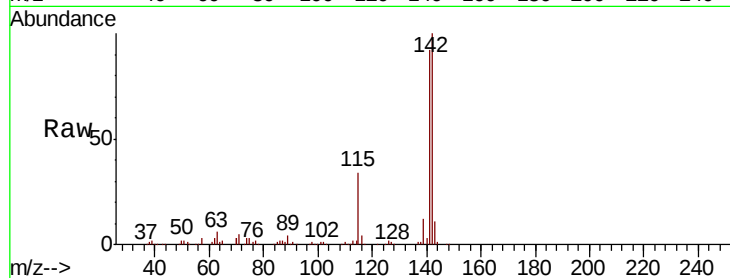
Tot Ion:142 Resp: 232101

Ion Ratio Lower Upper

142 100

141 91.6 73.7 110.5

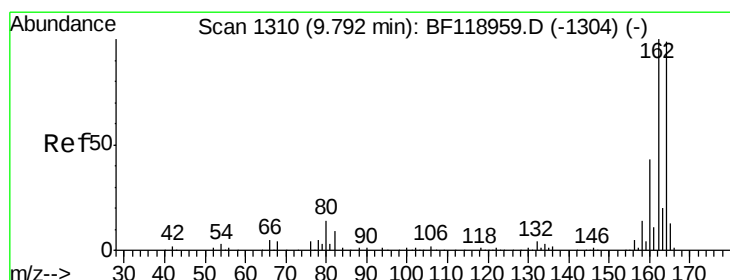
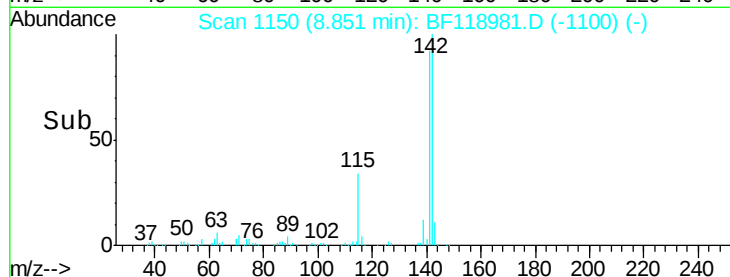
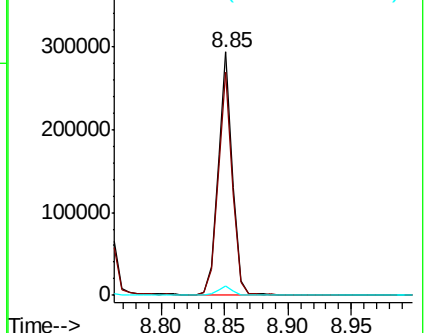
116 3.6 3.0 4.6



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: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

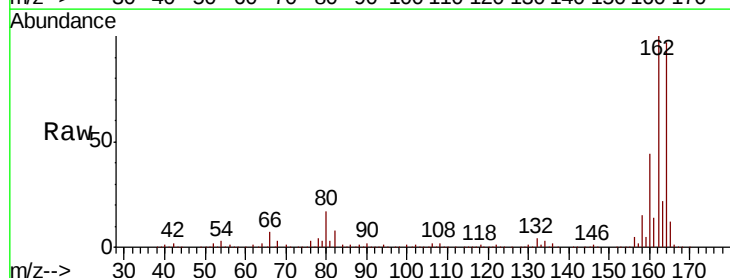
Tgt Ion:164 Resp: 400020

Ion Ratio Lower Upper

164 100

162 103.2 81.2 121.8

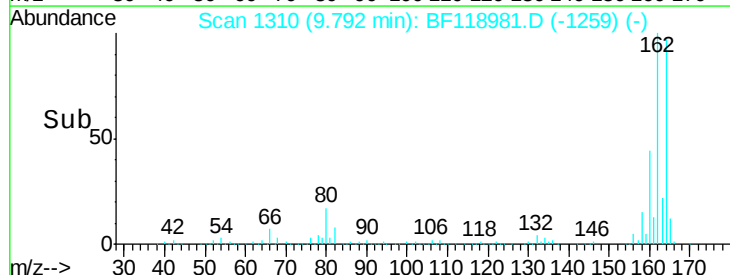
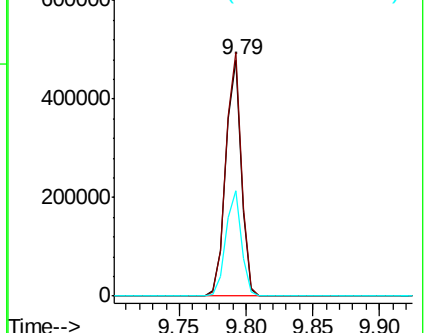
160 44.9 35.2 52.8

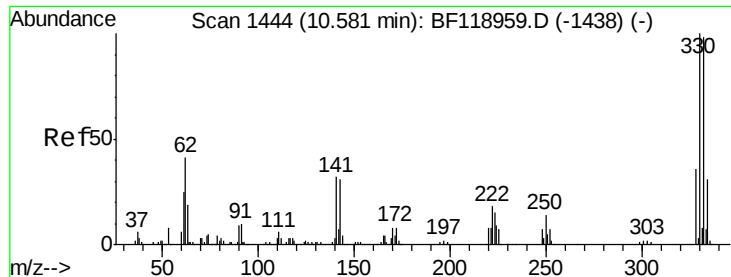


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

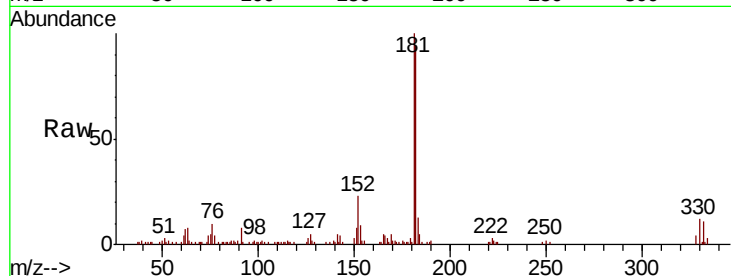




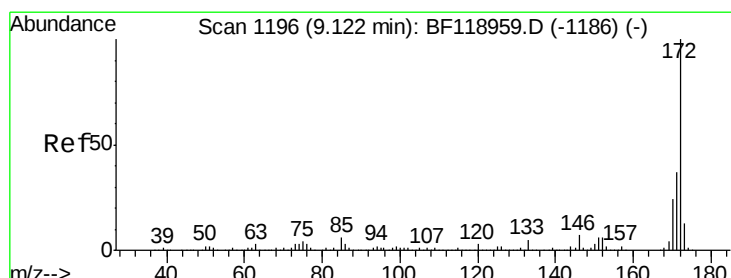
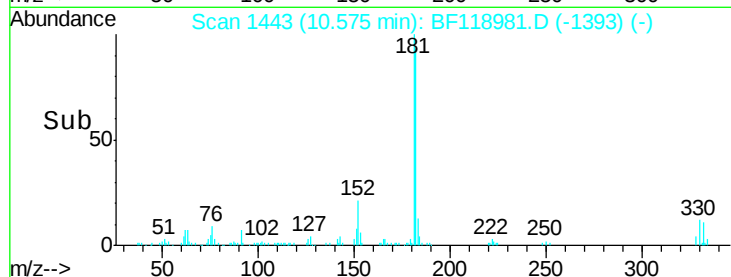
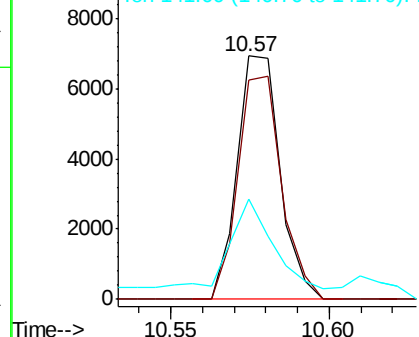
#42
 2,4,6-Tribromophenol
 Concen: 1.238 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118981.D
 Acq: 21 Feb 2020 1:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 6477
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.1 115.7
 141 49.2 23.0 34.6#

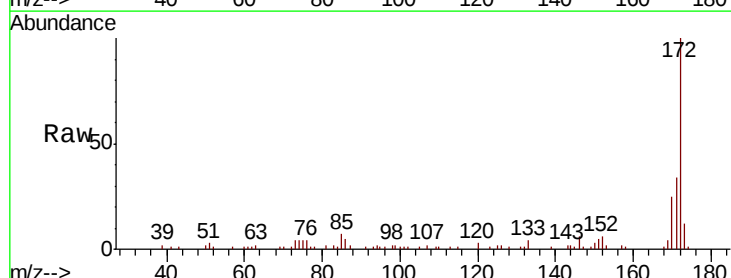


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

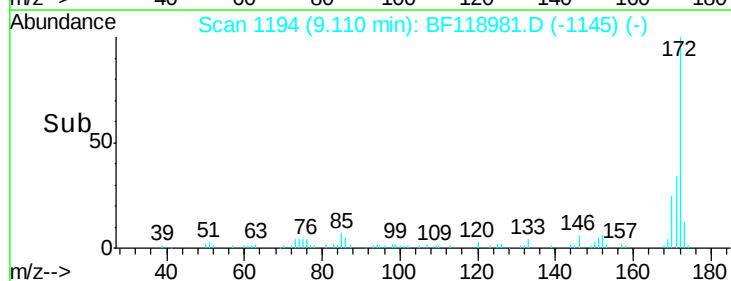
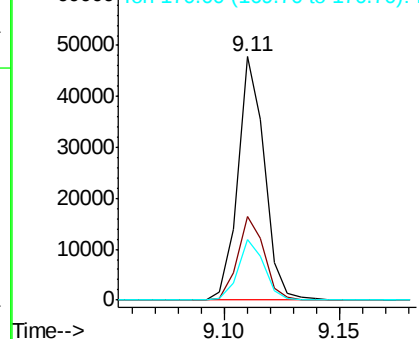


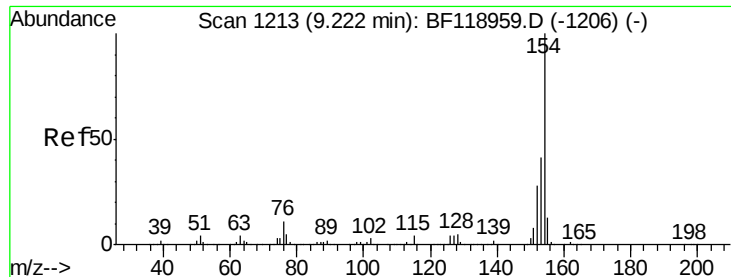
#45
 2-Fluorobiphenyl
 Concen: 1.408 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF118981.D
 Acq: 21 Feb 2020 1:59

Tgt Ion:172 Resp: 38222
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.4 44.2
 170 24.9 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

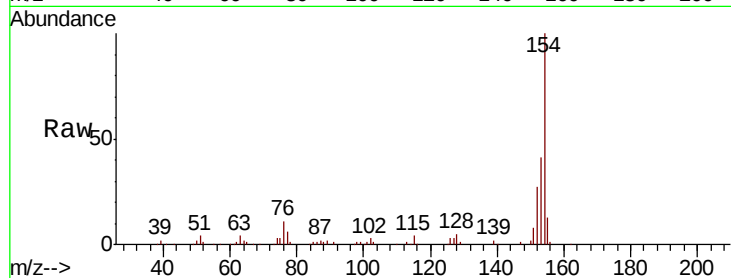




#46
1,1'-Biphenyl
Concen: 3.227 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	10.7	0.0	31.1

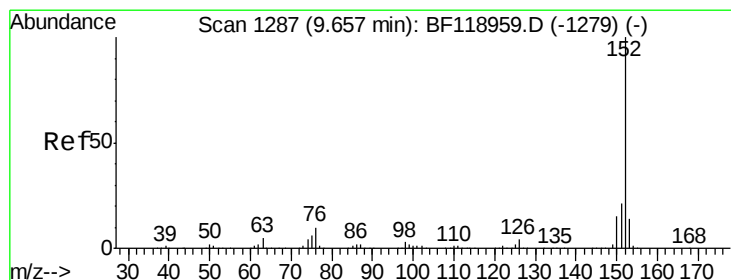
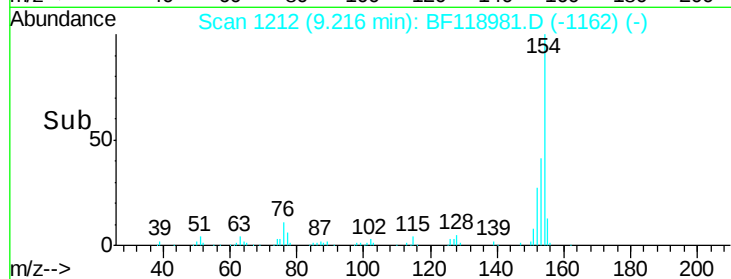
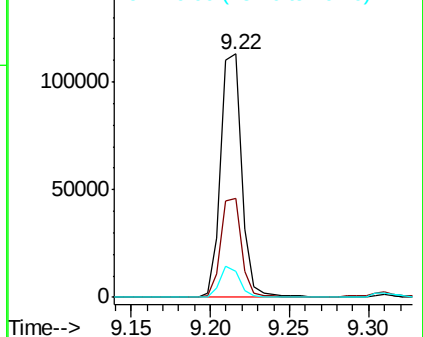


Abundance

Ion 154.00 (153.70 to 154.70): E

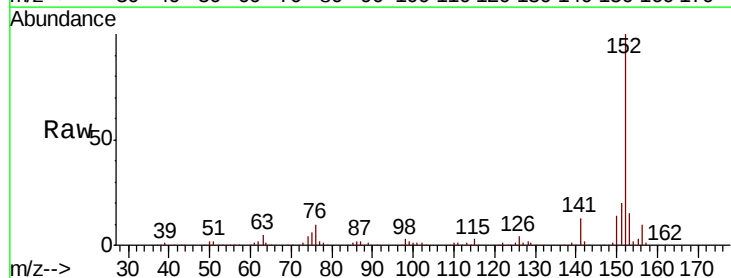
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#49
Acenaphthylene
Concen: 4.631 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.7	25.1
153	14.5	10.9	16.3

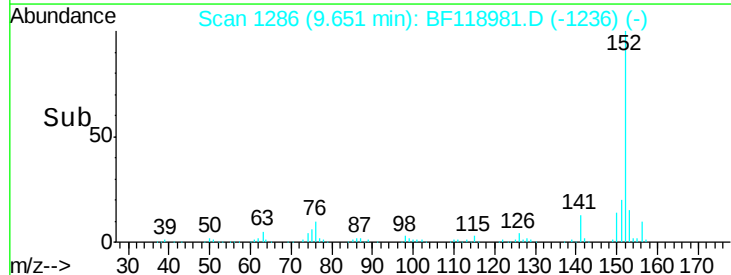
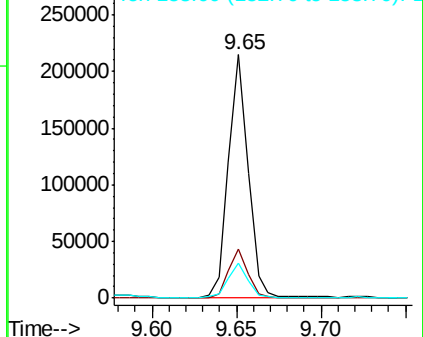


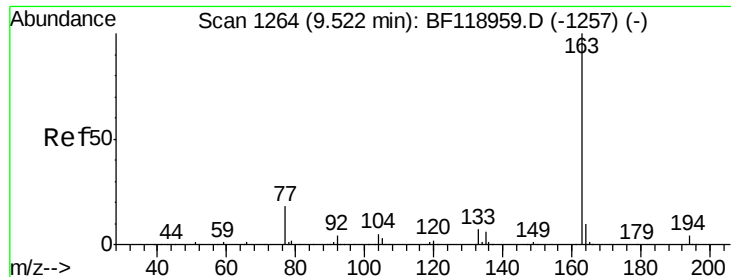
Abundance

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





#50

Dimethylphthalate

Concen: 2.931 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.27 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

Instrument :

BNA_F

ClientSampleId :

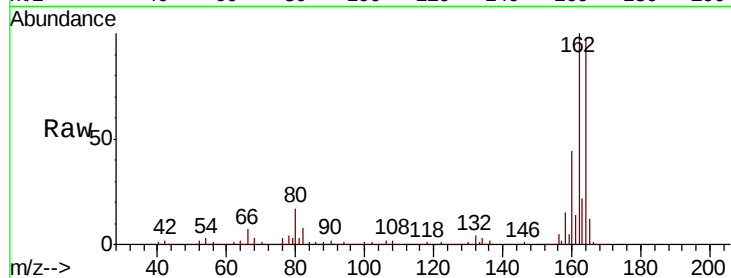
Tot Ion:163 Resp: 89667

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

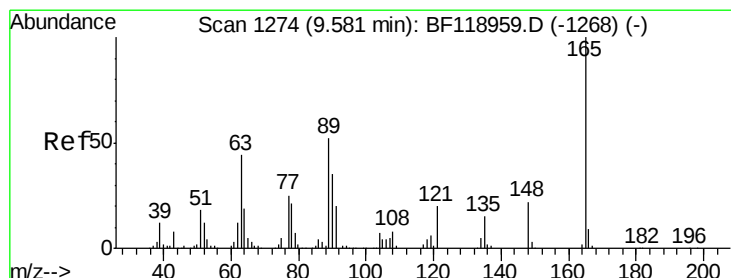
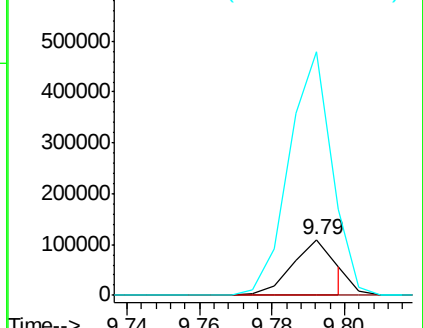
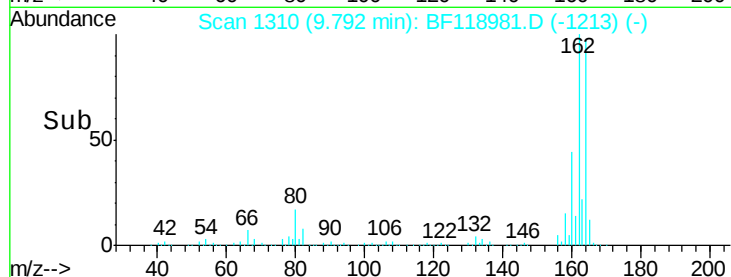
164 438.3 8.2 12.2#



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



#51

2,6-Dinitrotoluene

Concen: 8.757 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

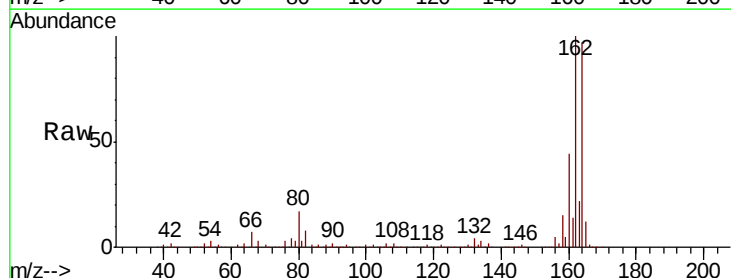
Tgt Ion:165 Resp: 59514

Ion Ratio Lower Upper

165 100

63 1.3 37.9 56.9#

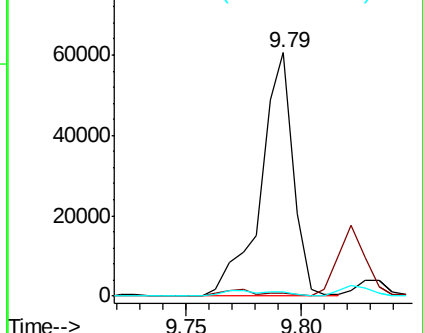
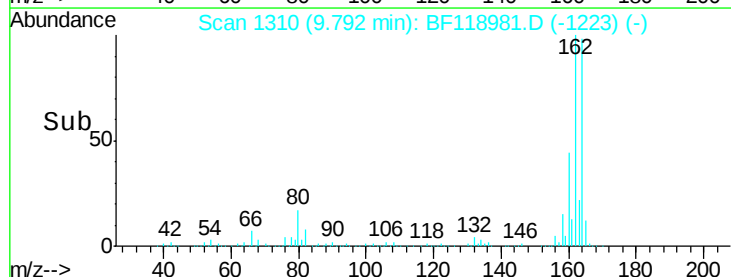
89 1.5 41.4 62.0#

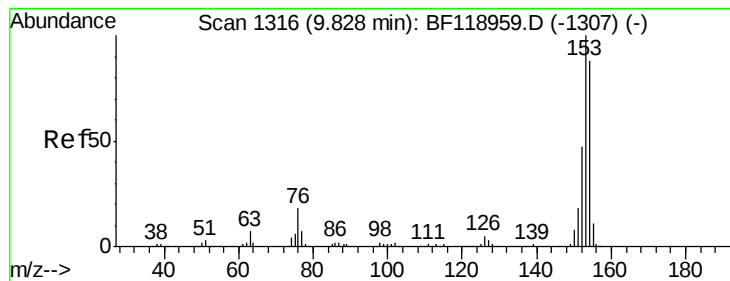


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 9.122 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

Instrument :

BNA_F

ClientSampleId :

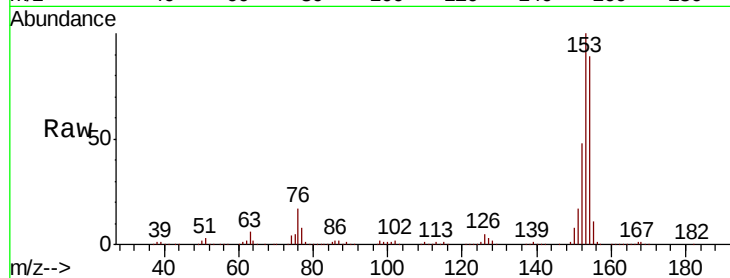
Tot Ion:154 Resp: 206967

Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

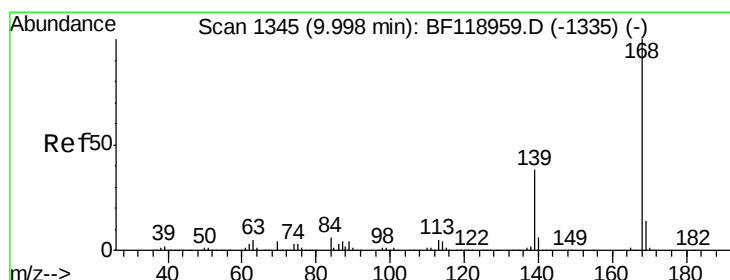
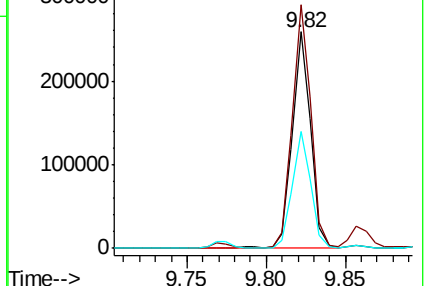
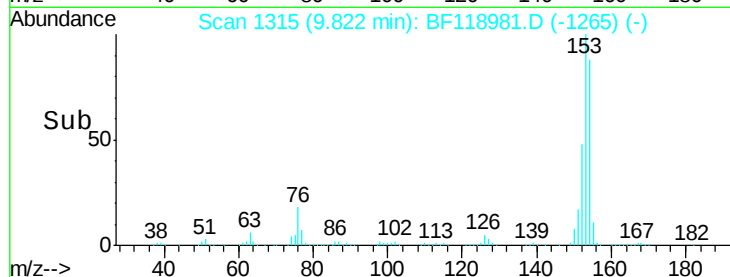
152 54.0 42.9 64.3



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

Dibenzofuran

Concen: 9.742 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

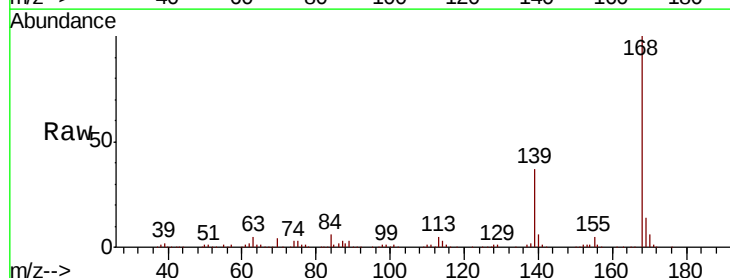
Tgt Ion:168 Resp: 329926

Ion Ratio Lower Upper

168 100

139 37.3 31.7 47.5

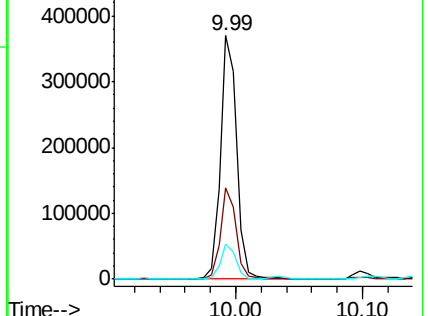
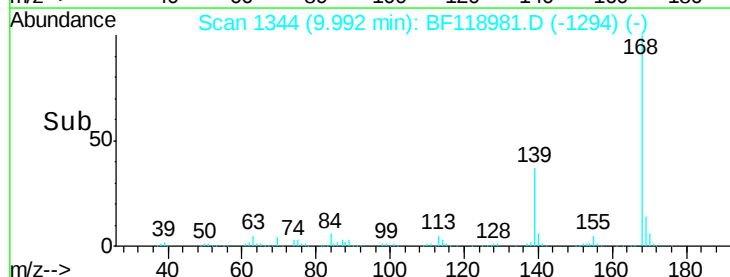
169 14.5 11.0 16.4

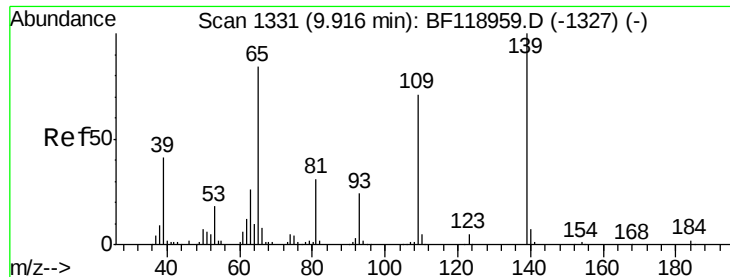


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

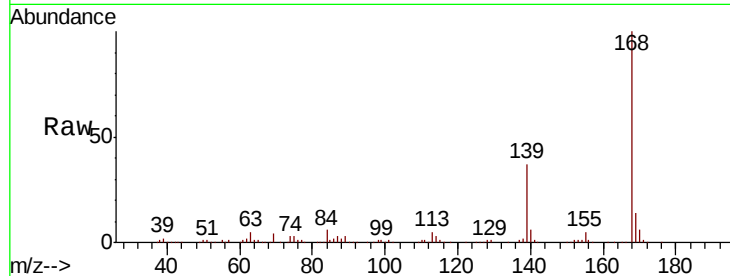




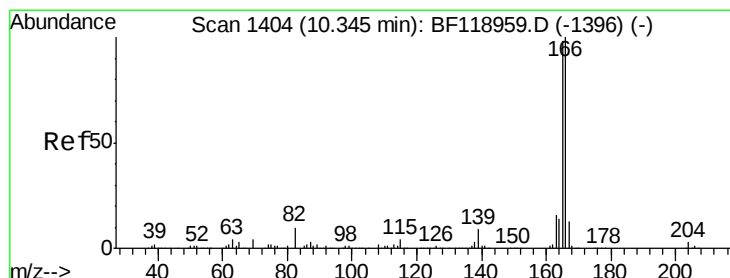
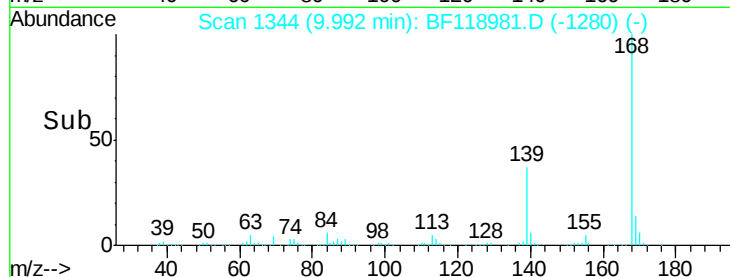
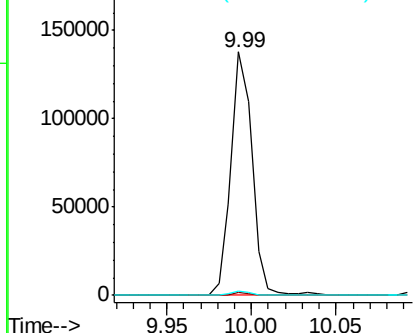
#56
4-Nitrophenol
Concen: 26.751 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.08 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.0	51.1	91.1#
65	1.6	64.7	104.7#

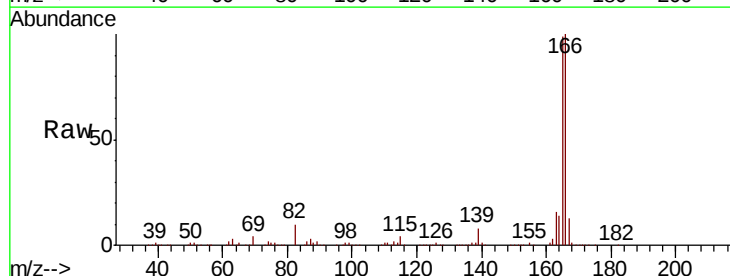


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

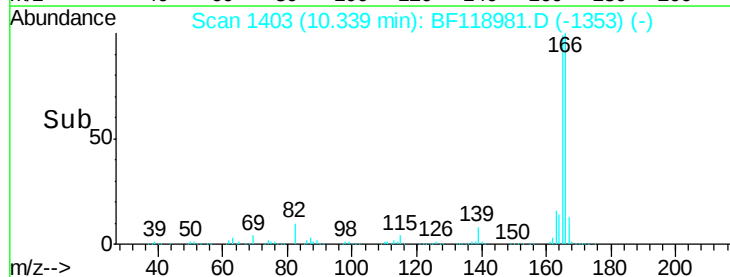
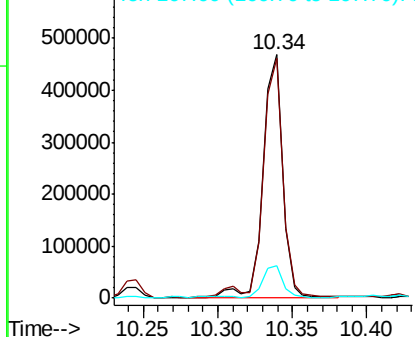


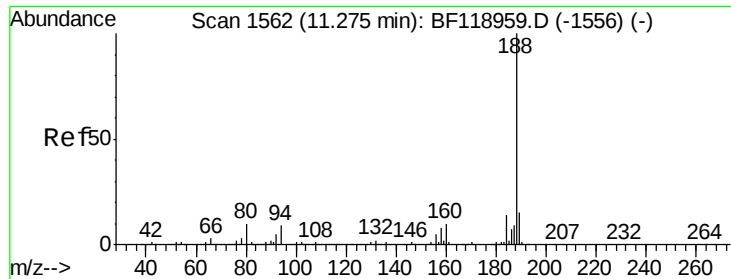
#58
Fluorene
Concen: 16.107 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.4
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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

Instrument :

BNA_F

ClientSampled :

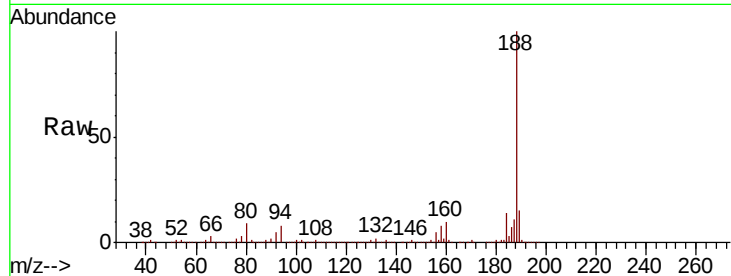
Tot Ion:188 Resp: 642384

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

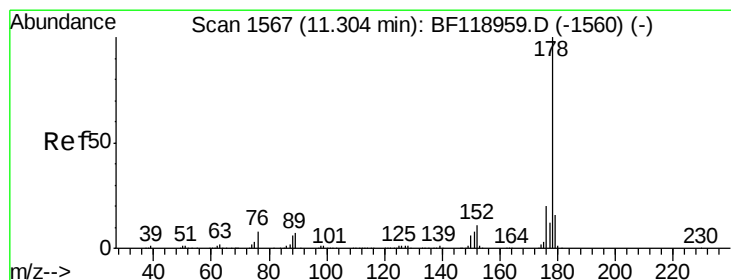
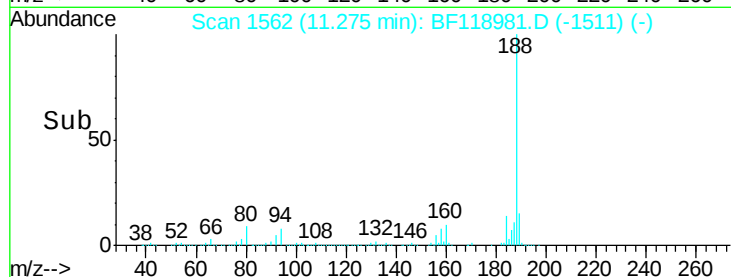
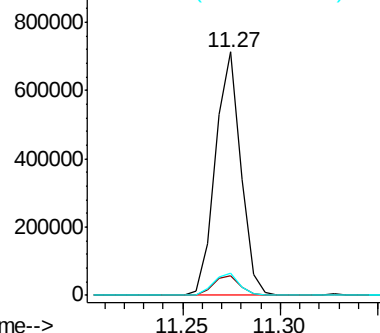
80 9.2 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 46.556 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

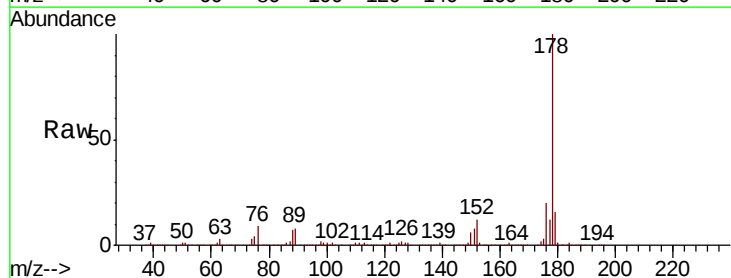
Tgt Ion:178 Resp: 1630983

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

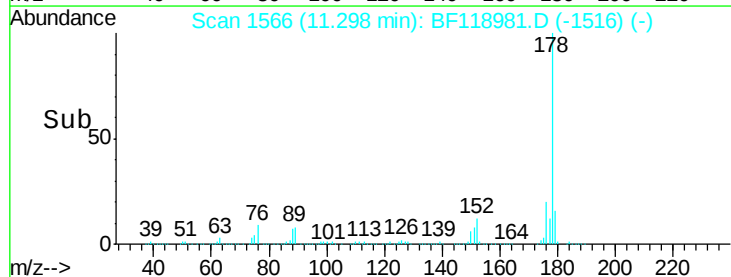
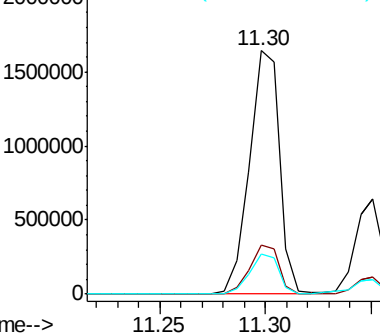
179 16.3 12.6 18.8

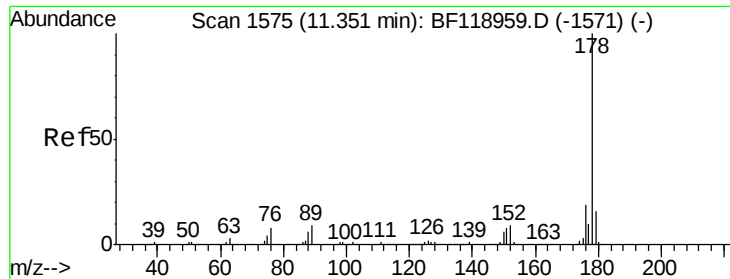


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 15.845 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

Instrument :

BNA_F

ClientSampleId :

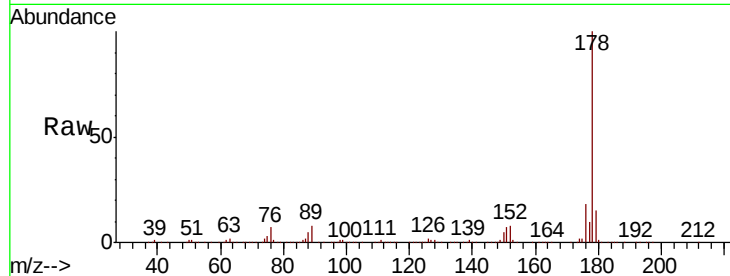
Tot Ion:178 Resp: 554632

Ion Ratio Lower Upper

178 100

176 18.0 15.4 23.2

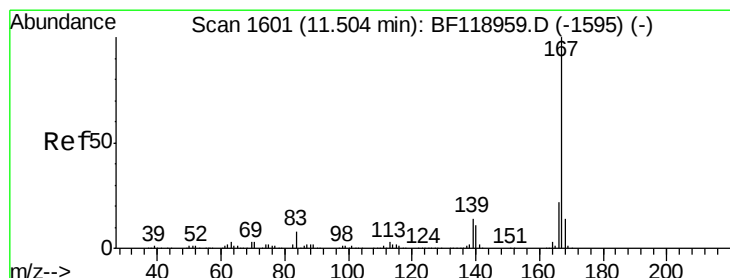
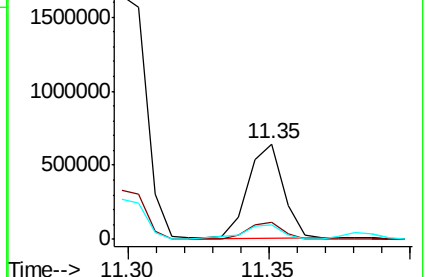
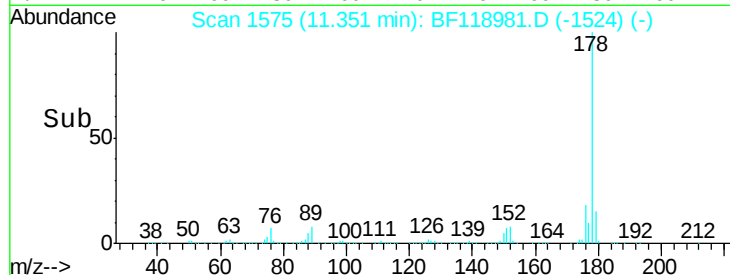
179 15.3 12.8 19.2



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: 6.416 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

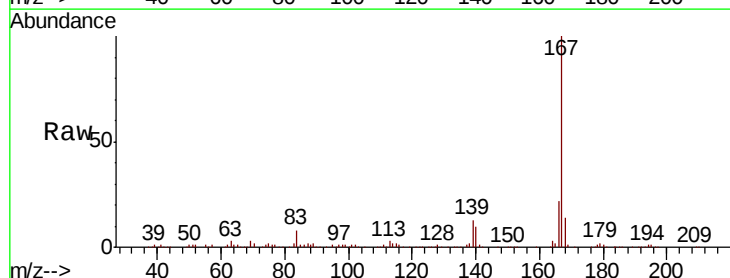
Tgt Ion:167 Resp: 200082

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

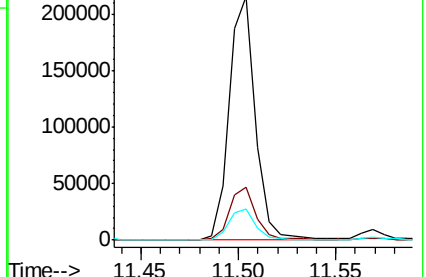
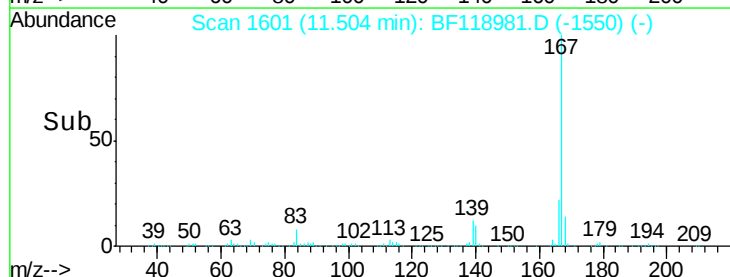
139 12.6 11.2 16.8

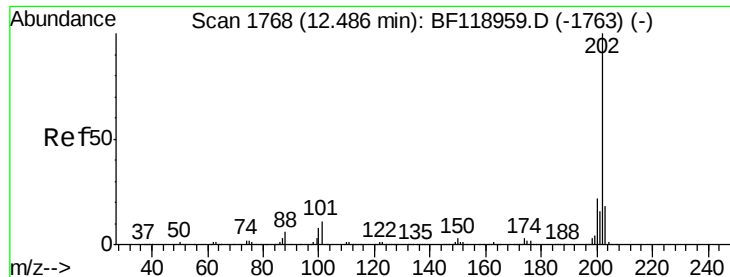


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 30.370 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

Instrument :

BNA_F

ClientSampleId :

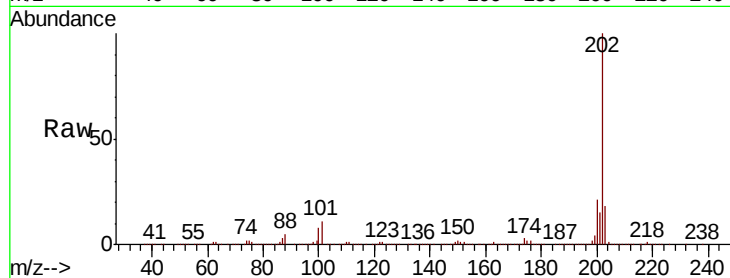
Tot Ion:202 Resp: 1129335

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.1

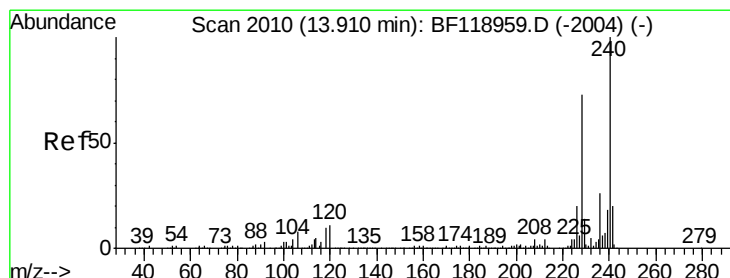
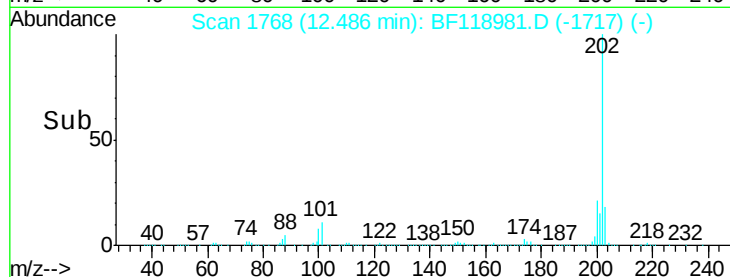
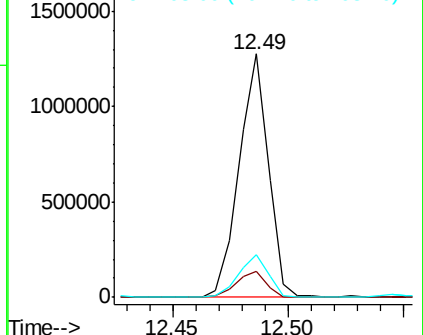
203 17.7 0.0 38.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF118981.D

Acq: 21 Feb 2020 1:59

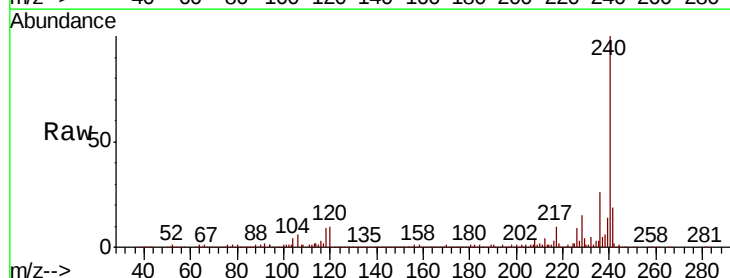
Tgt Ion:240 Resp: 521381

Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

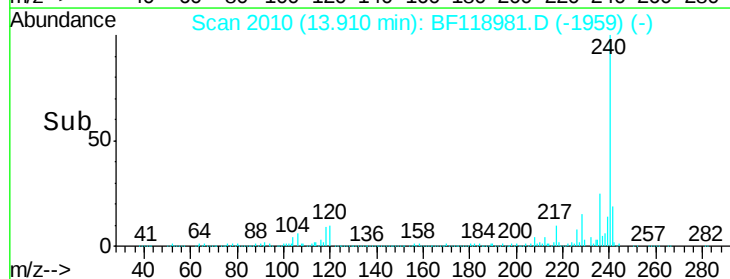
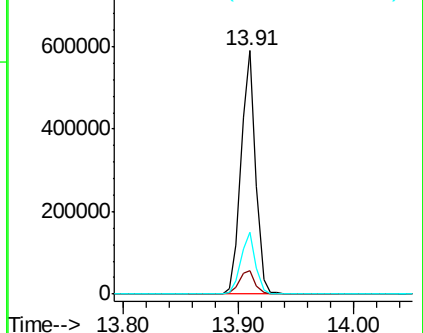
236 25.6 20.6 30.8

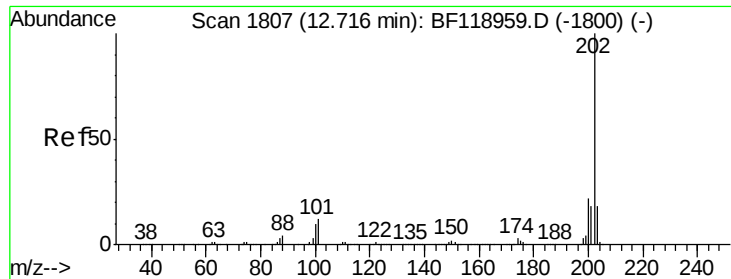


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

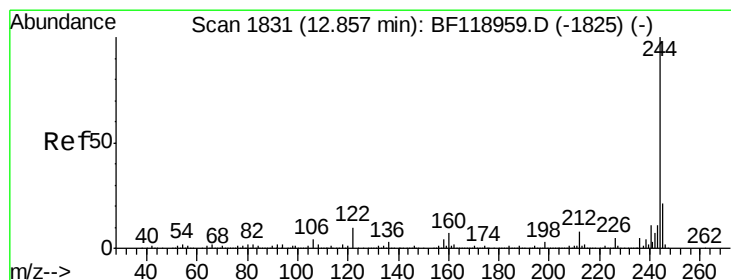
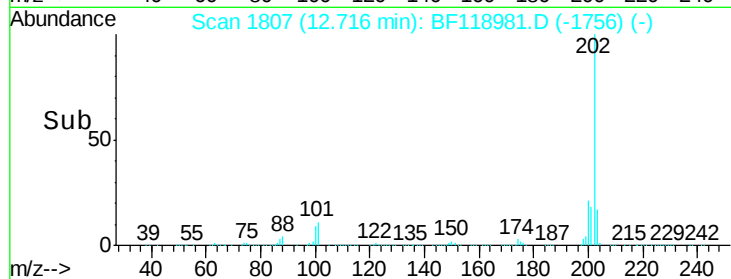
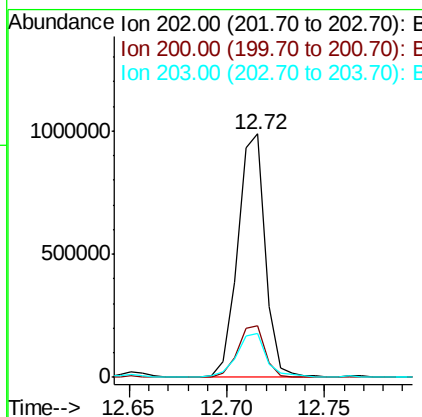
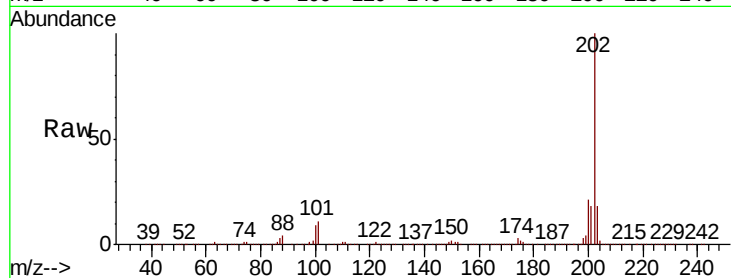




#78
Pvrene
Concen: 22.914 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

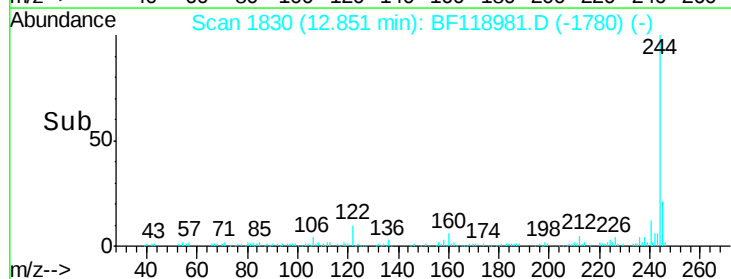
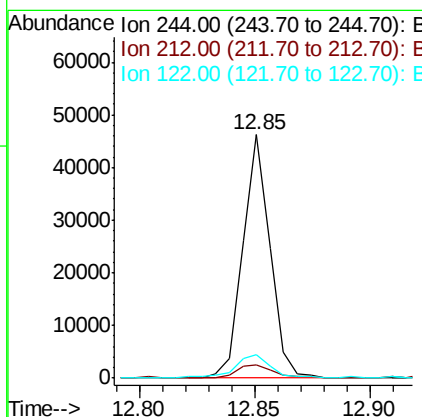
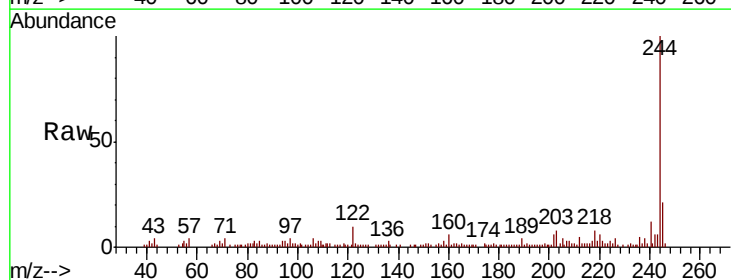
Instrument :
BNA_F
ClientSampleId :

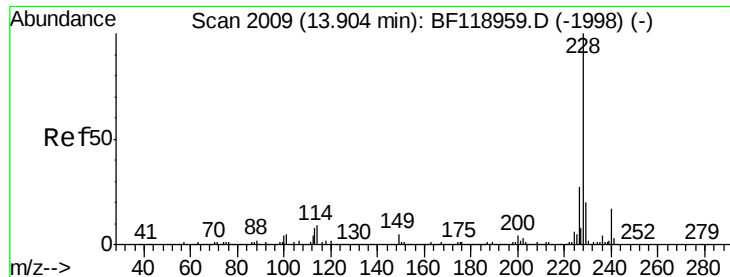
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.0
203	17.9	14.5	21.7



#79
Terphenyl-d14
Concen: 1.252 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.5	6.3	9.5#
122	9.9	8.4	12.6

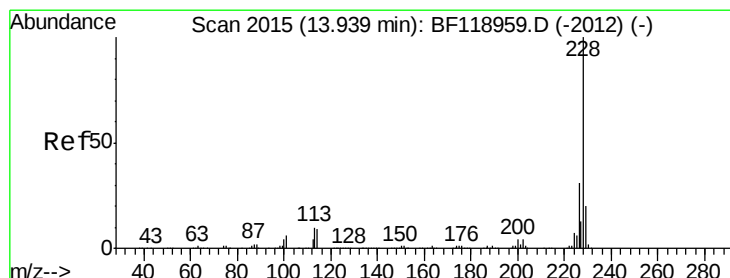
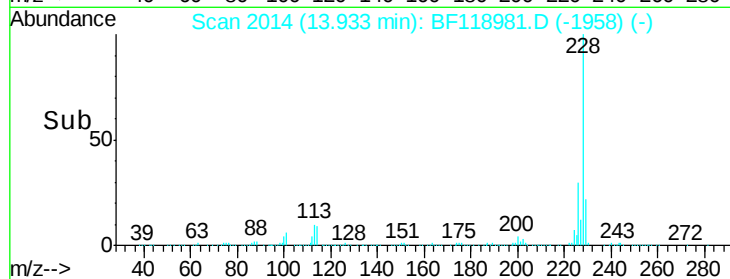
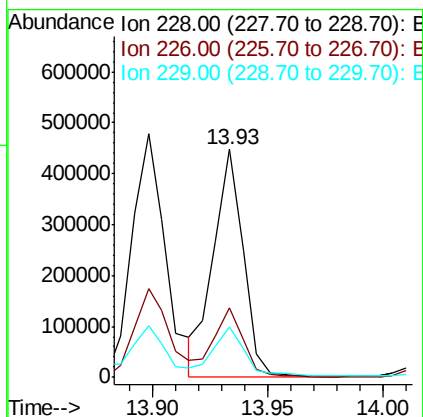
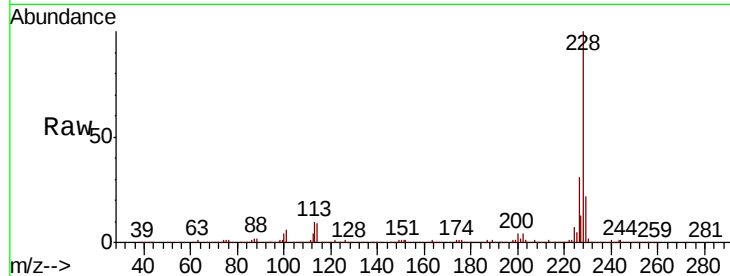




#81
Benzo(a)anthracene
Concen: 11.246 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.03 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

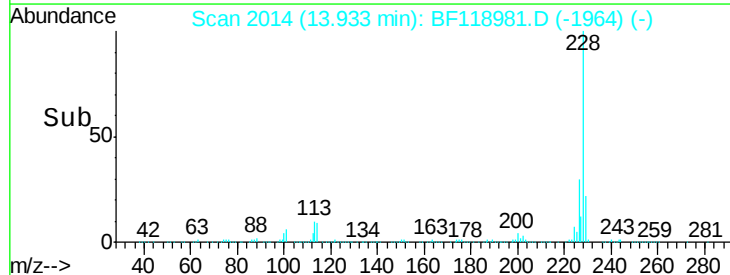
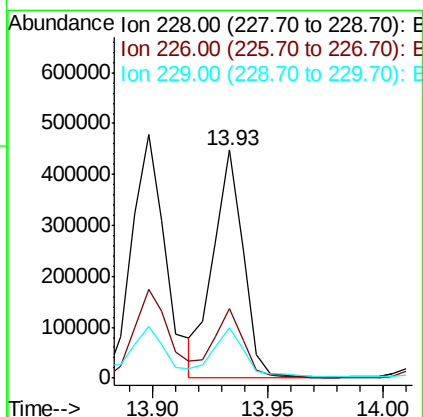
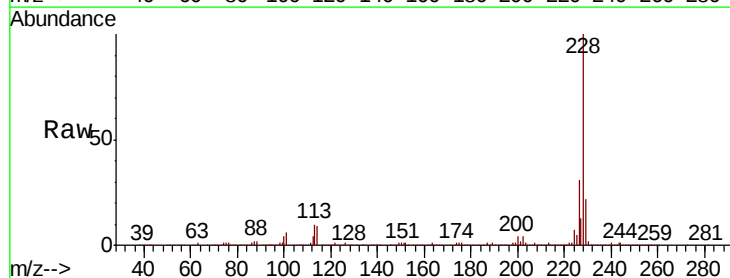
Instrument :
BNA_F
ClientSampleId :

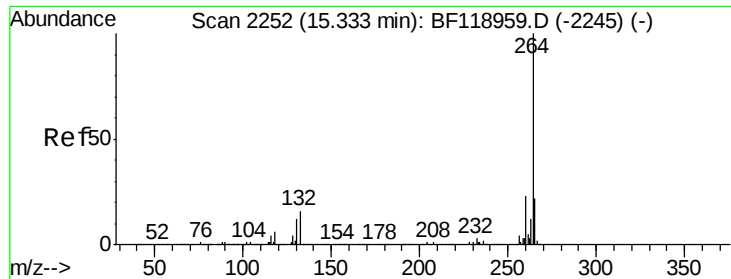
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.8	32.8
229	22.2	16.0	24.0



#83
Chrysene
Concen: 11.286 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	22.2	16.2	24.2



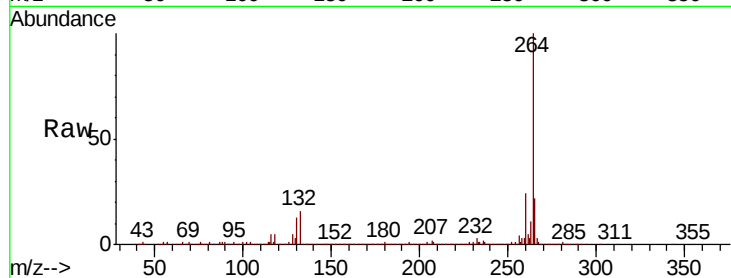


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

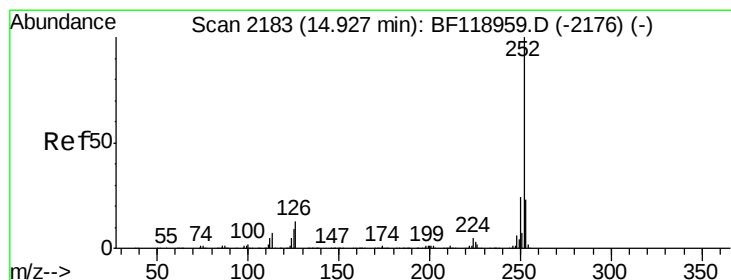
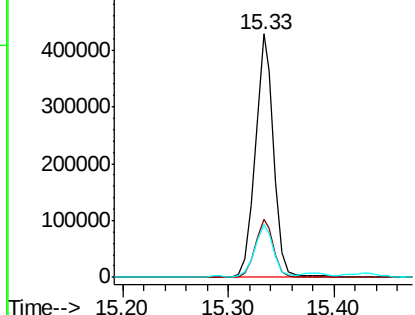
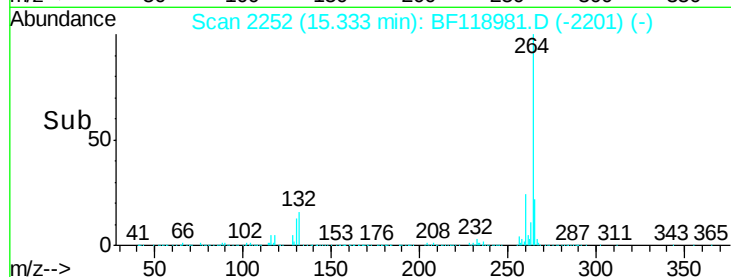
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 523020

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.9	17.3	25.9



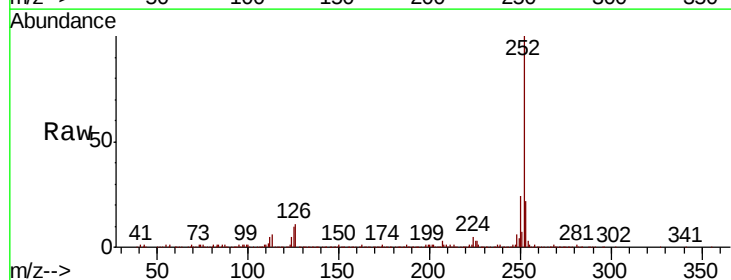
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



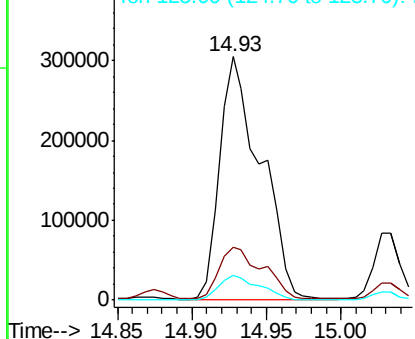
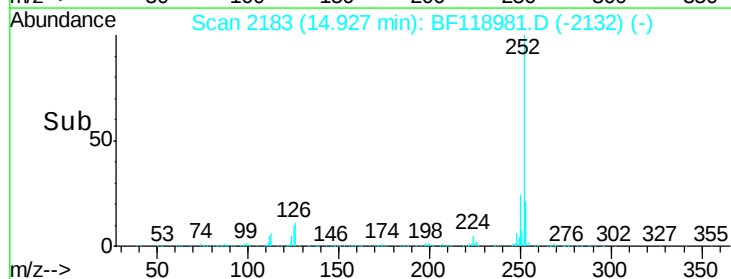
#88
Benzo(b)fluoranthene
Concen: 16.846 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

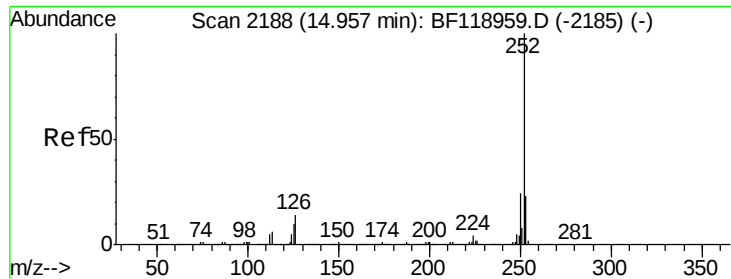
Tgt Ion:252 Resp: 580758

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.9	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

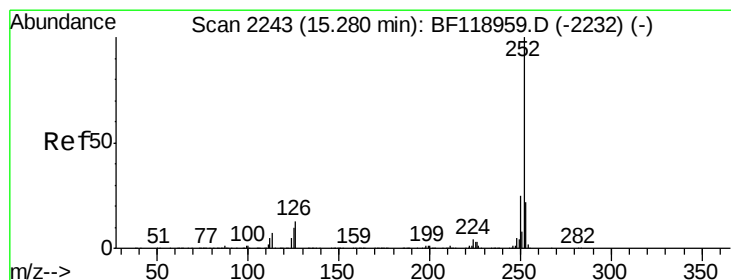
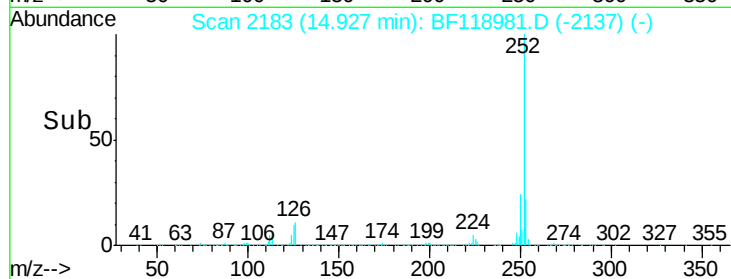
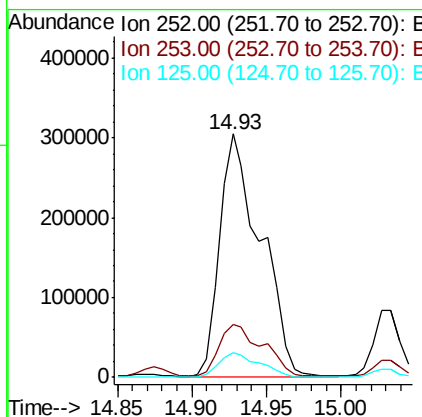
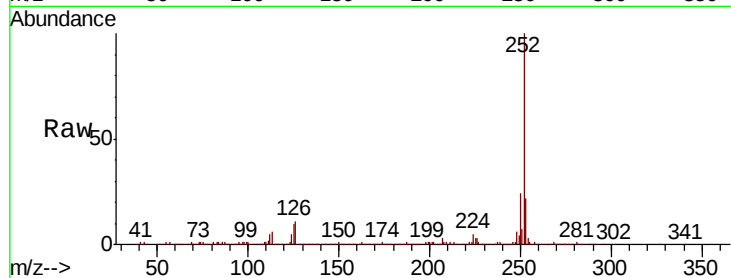




#89
Benzo(k)fluoranthene
Concen: 18.178 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

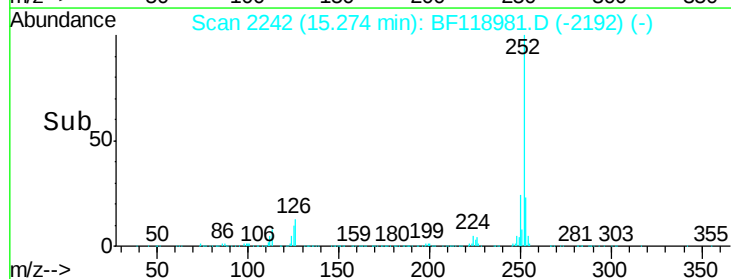
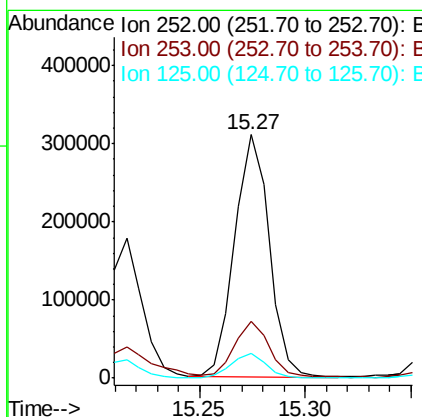
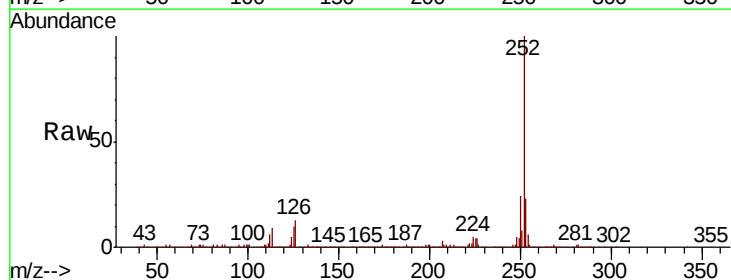
Instrument :
BNA_F
ClientSampleId :

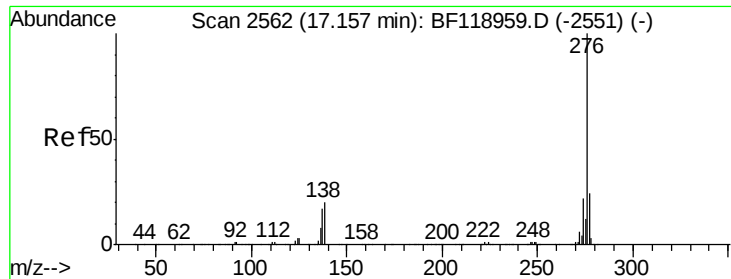
Tot Ion:252 Resp: 580758
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.9 7.3 10.9



#90
Benzo(a)pyrene
Concen: 11.353 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF118981.D
Acq: 21 Feb 2020 1:59

Tgt Ion:252 Resp: 353250
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 10.2 7.8 11.6





#92
 Benzo(a,h,i)perylene
 Concen: 5.571 ng
 RT: 17.15 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BF118981.D
 Acq: 21 Feb 2020 1:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	150694
Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	19.8	16.2	24.4

