

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119185.D
 Acq On : 2 Mar 2020 23:18
 Operator : CG/JU
 Sample : L1743-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:22:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	103816	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	365974	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	186987	20.00	ng	-0.02
64) Phenanthrene-d10	11.26	188	357375	20.00	ng	0.00
76) Chrysene-d12	13.91	240	250346	20.00	ng	0.00
87) Perylene-d12	15.33	264	177785	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	581839	93.66	ng	0.01
7) Phenol-d6	6.40	99	672613	89.03	ng	0.00
23) Nitrobenzene-d5	7.30	82	408607	58.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	209167	85.51	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	789427	62.19	ng	-0.02
79) Terphenyl-d14	12.84	244	996618	68.54	ng	-0.01

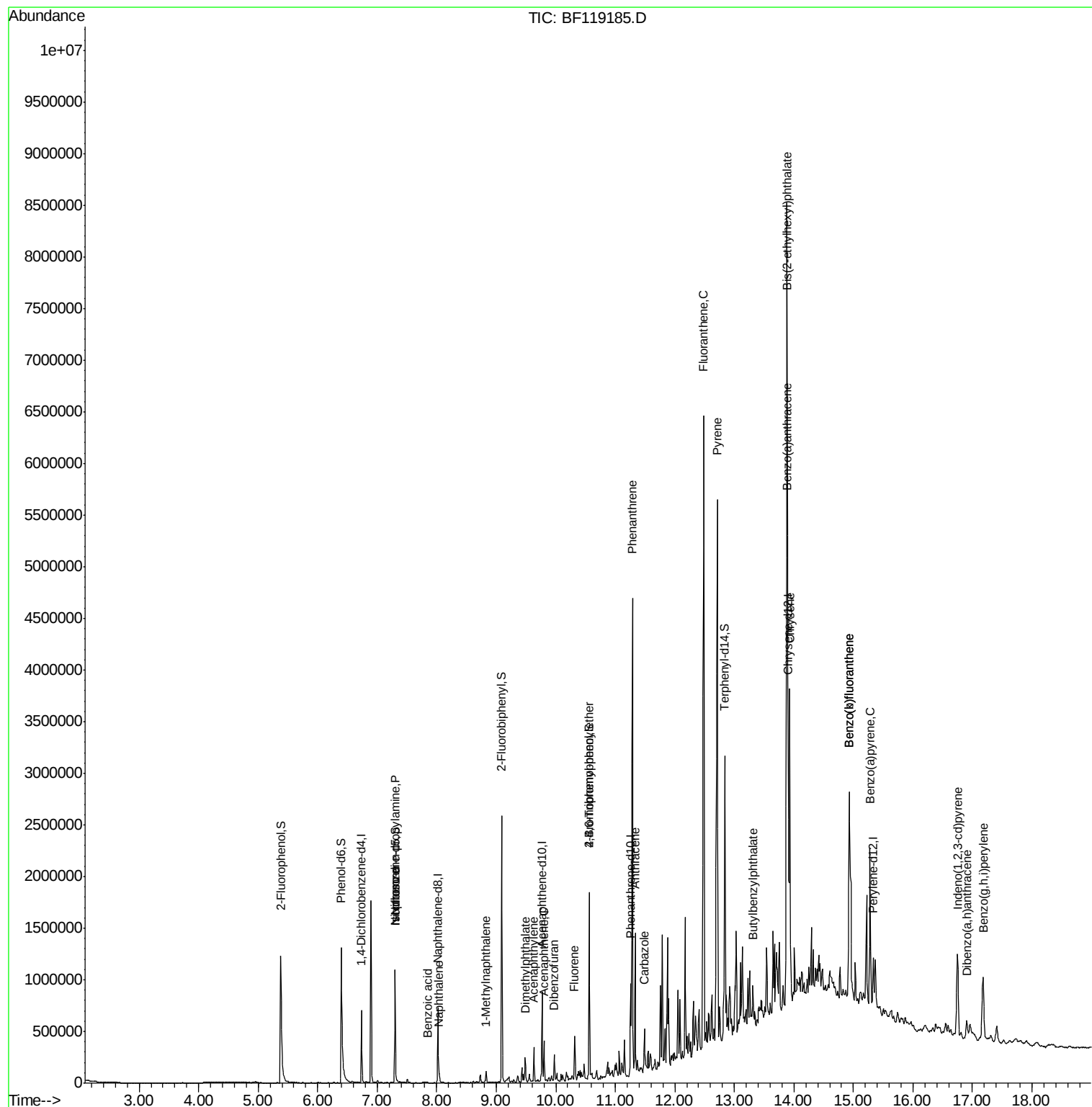
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propylamine	7.30	70	57366	13.031	ng	# 75
25) Isophorone	7.30	82	403551	33.524	ng	# 63
31) Naphthalene	8.04	128	42468	2.238	ng	# 97
32) Benzoic acid	7.85	122	864	6.887	ng	# 83
38) 1-Methylnaphthalene	8.83	142	28528	2.375	ng	# 99
49) Acenaphthylene	9.63	152	128545	7.308	ng	# 99
50) Dimethylphthalate	9.49	163	89801	6.280	ng	# 98
52) Acenaphthene	9.80	154	77672	7.323	ng	# 98
55) Dibenzofuran	9.97	168	80942	5.113	ng	# 94
58) Fluorene	10.32	166	126428	10.278	ng	# 98
67) 4-Bromophenyl-phenylether	10.56	248	13613	2.914	ng	# 1
71) Phenanthrene	11.29	178	1977961	101.489	ng	# 100
72) Anthracene	11.33	178	506516	26.011	ng	# 98
73) Carbazole	11.49	167	169136	9.749	ng	# 97
75) Fluoranthene	12.49	202	3027301	146.335	ng	# 98
78) Pyrene	12.72	202	2720132	135.313	ng	# 98
80) Butylbenzylphthalate	13.31	149	86030	10.168	ng	# 93
81) Benzo(a)anthracene	13.90	228	1370980	80.373	ng	# 99
83) Chrysene	13.93	228	1243085	73.137	ng	# 97
84) Bis(2-ethylhexyl)phthalate	13.89	149	2499138	233.811	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.75	276	519675	31.577	ng	# 95
88) Benzo(b)fluoranthene	14.93	252	1593689	135.996	ng	# 99
89) Benzo(k)fluoranthene	14.93	252	1593689	146.750	ng	# 99
90) Benzo(a)pyrene	15.28	252	791204	74.809	ng	# 98
91) Dibenzo(a,h)anthracene	16.90	278	106881	11.485	ng	# 93
92) Benzo(g,h,i)perylene	17.18	276	511381	55.617	ng	# 98

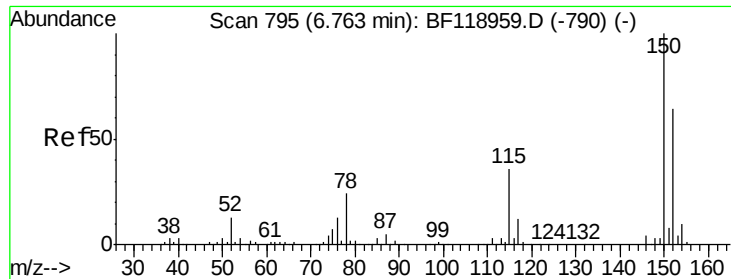
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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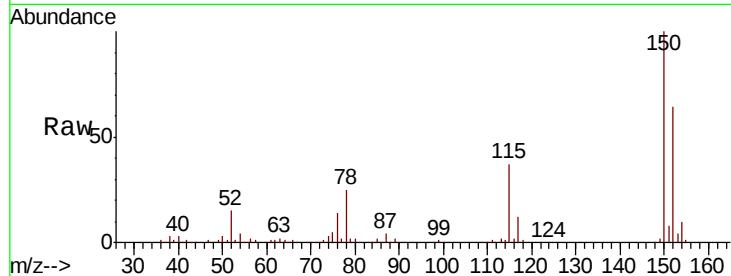


#1

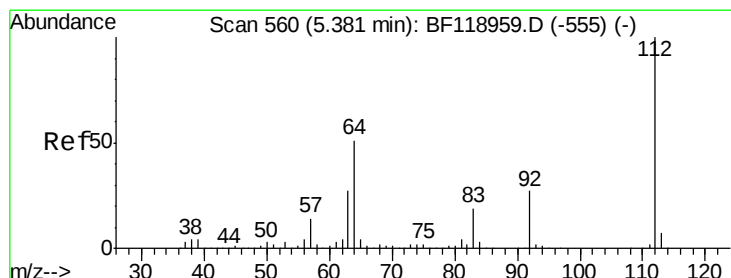
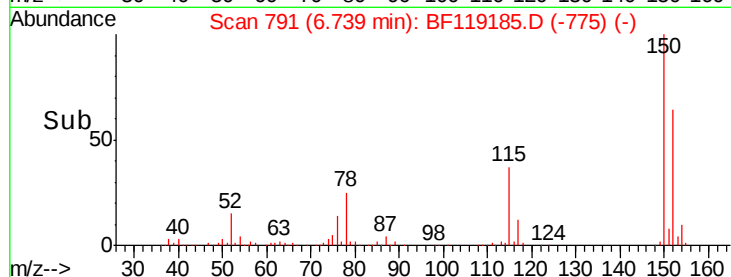
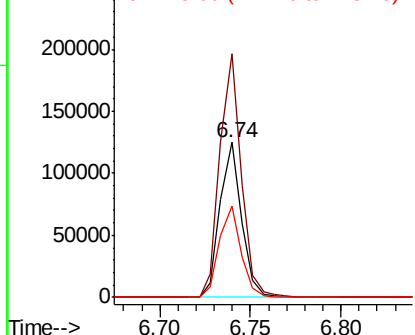
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103816
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 58.8 49.5 74.3



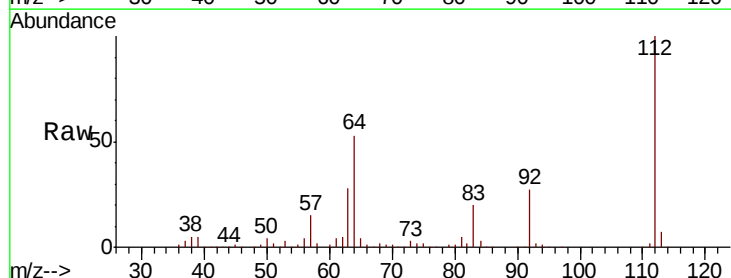
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



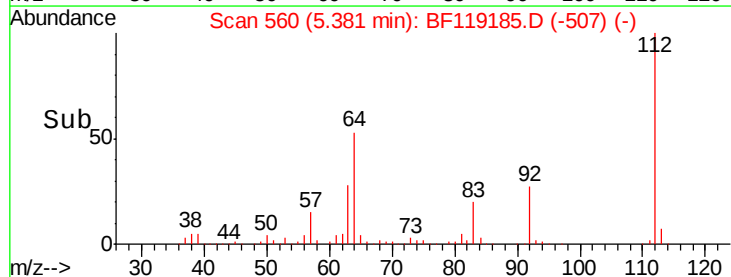
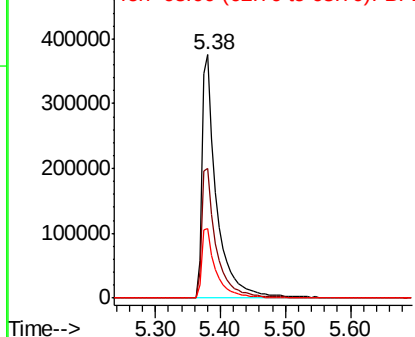
#5

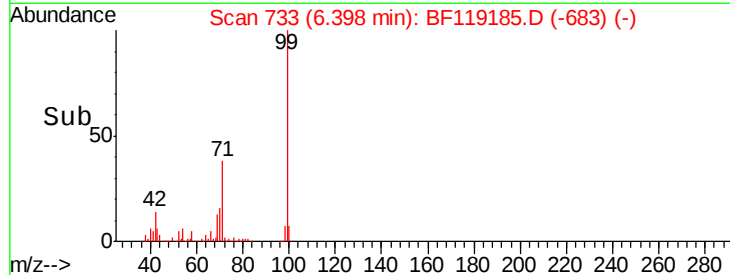
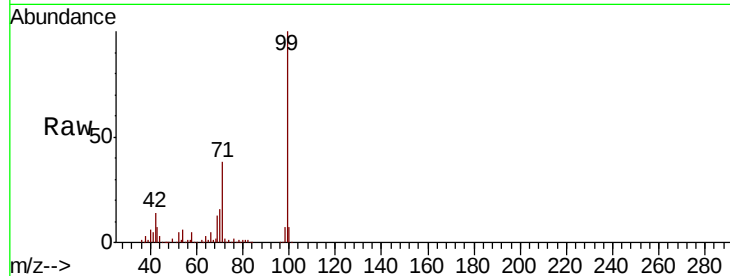
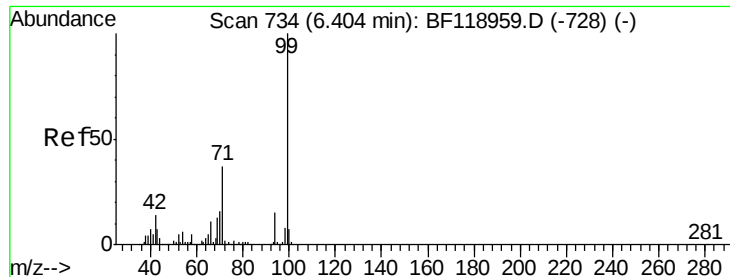
2-Fluorophenol
Concen: 93.662 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Tgt Ion:112 Resp: 581839
Ion Ratio Lower Upper
112 100
64 53.0 45.0 67.4
63 28.5 24.2 36.4



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: 89.028 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

Instrument :

BNA_F

ClientSampleId :

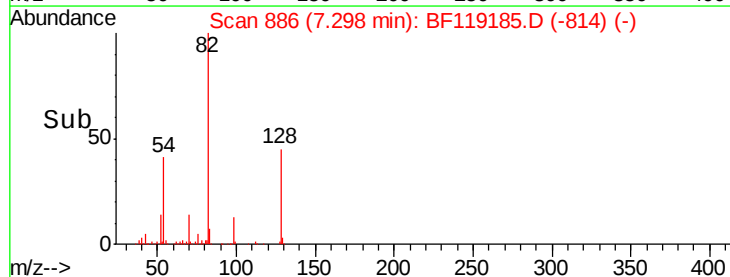
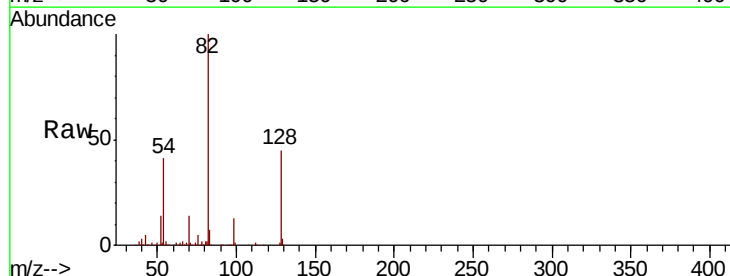
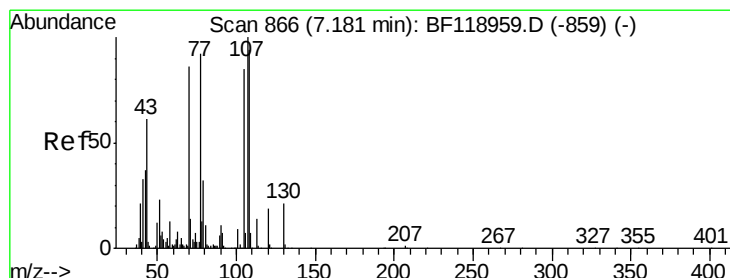
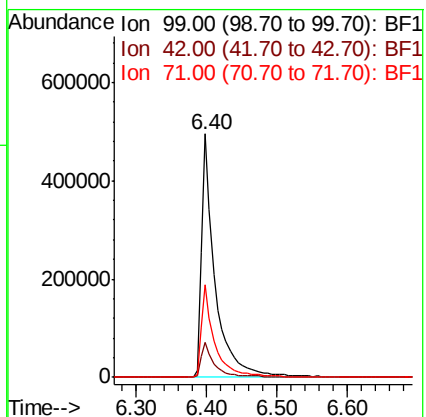
Tot Ion: 99 Resp: 672613

Ion Ratio Lower Upper

99 100

42 14.5 12.6 18.8

71 38.3 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.031 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

Tgt Ion: 70 Resp: 57366

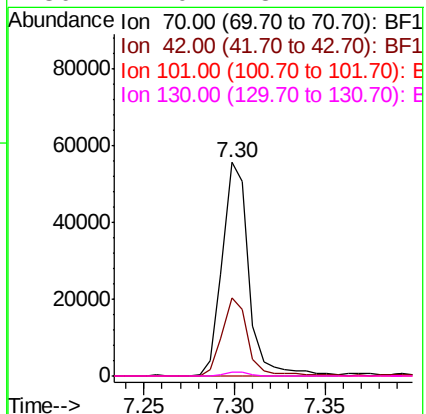
Ion Ratio Lower Upper

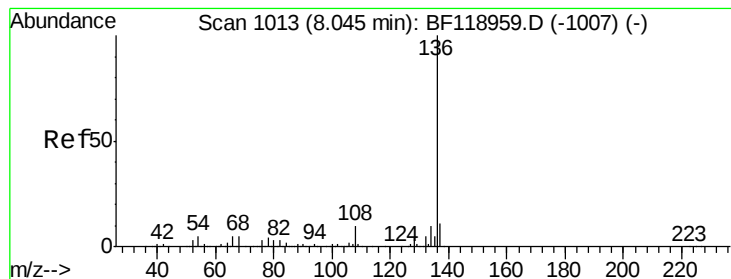
70 100

42 36.8 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 365974

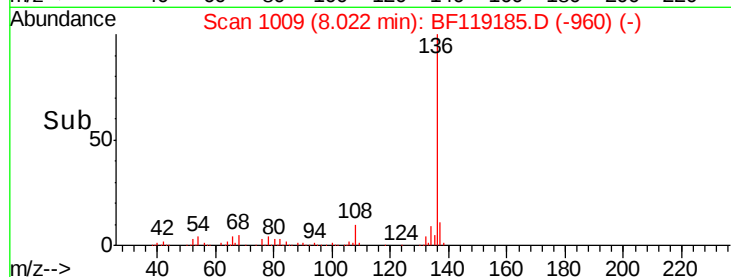
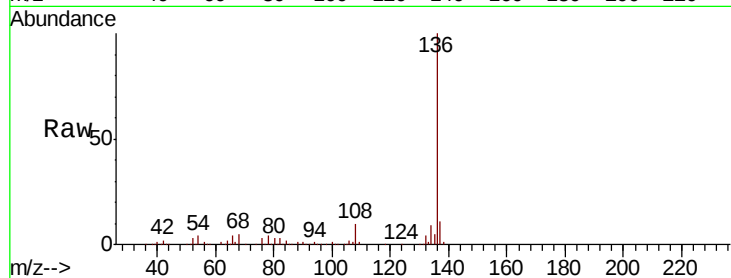
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.5 3.8 5.6

68 4.8 3.9 5.9

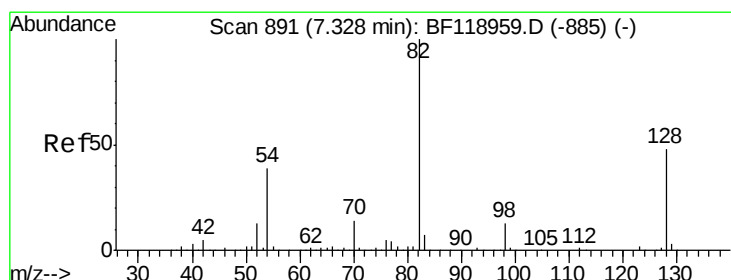
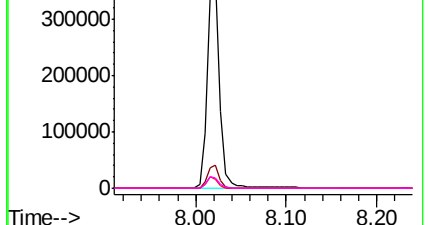


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.951 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

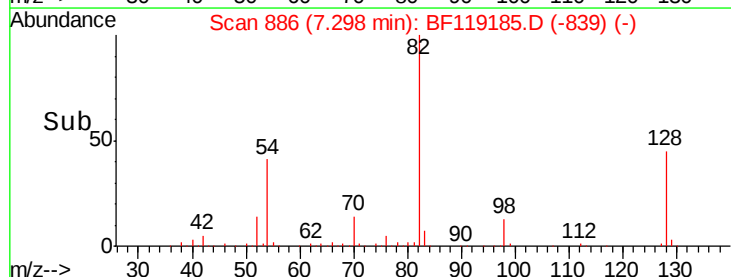
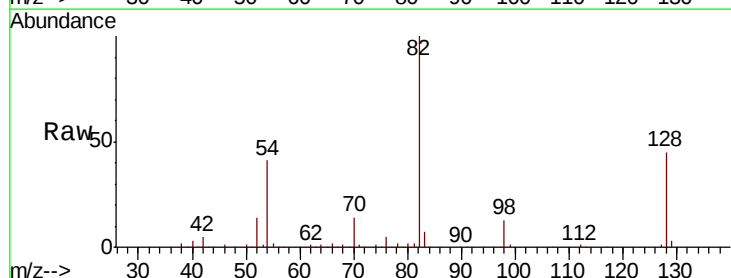
Tgt Ion: 82 Resp: 408607

Ion Ratio Lower Upper

82 100

128 45.1 37.9 56.9

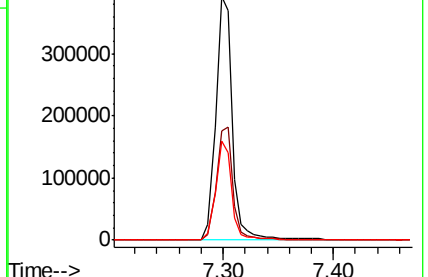
54 40.9 33.4 50.2

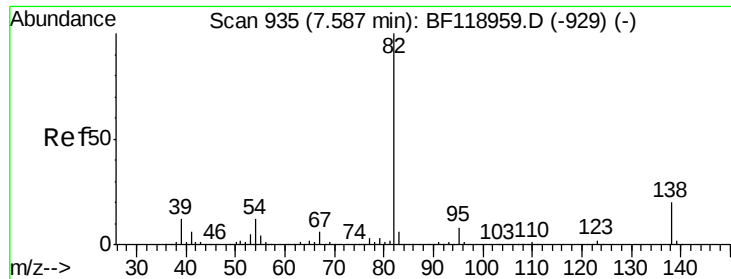


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

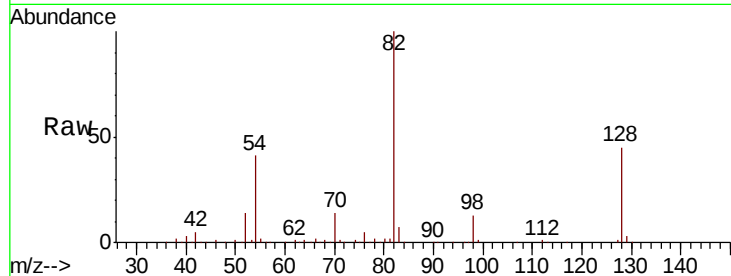




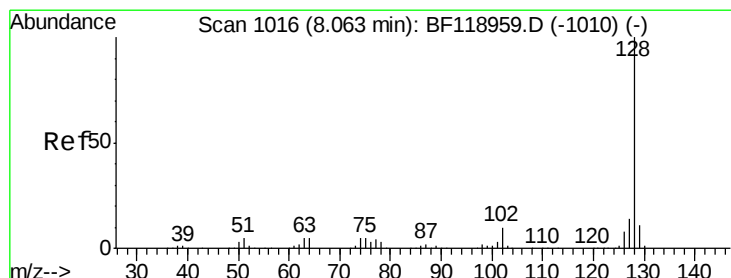
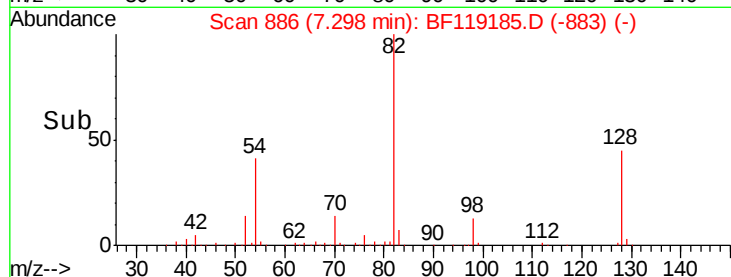
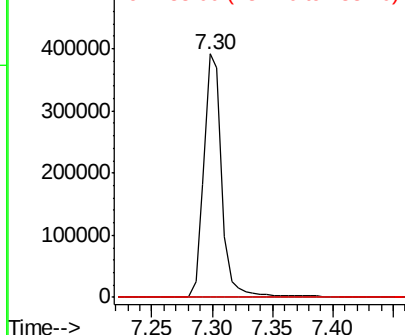
#25
Isophorone
Concen: 33.524 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 403551
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#

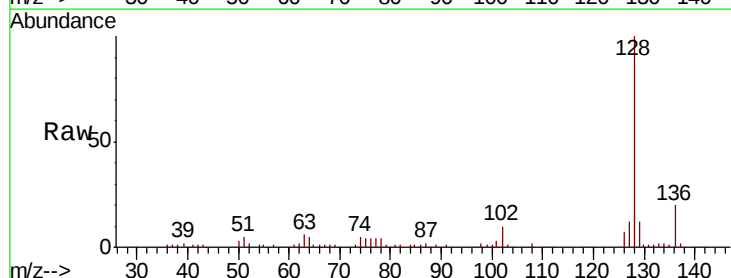


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

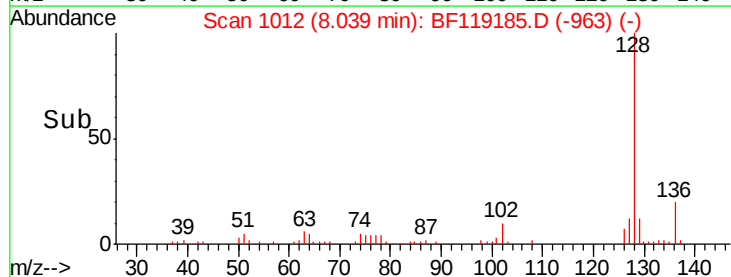
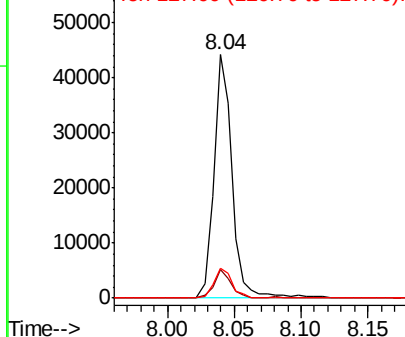


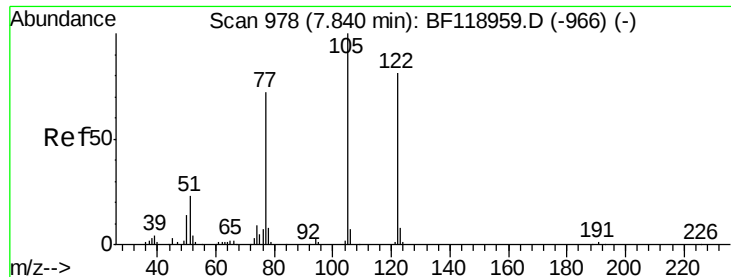
#31
Naphthalene
Concen: 2.238 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Tgt Ion: 128 Resp: 42468
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 12.3 11.4 17.2



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

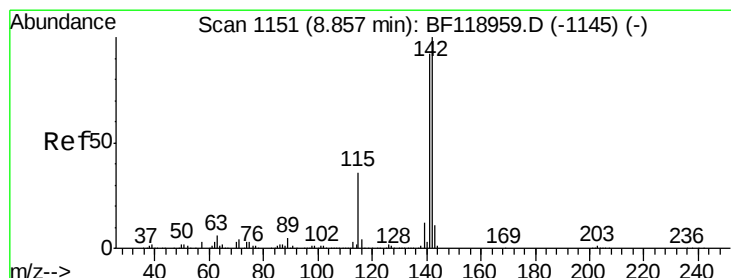
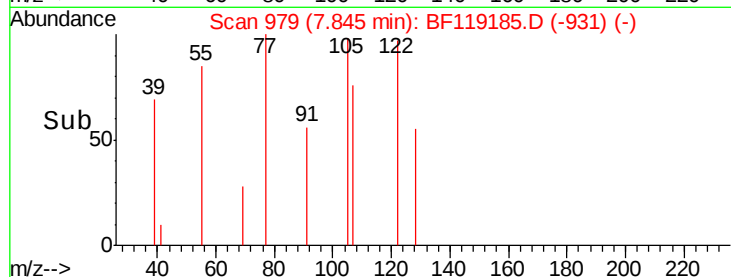
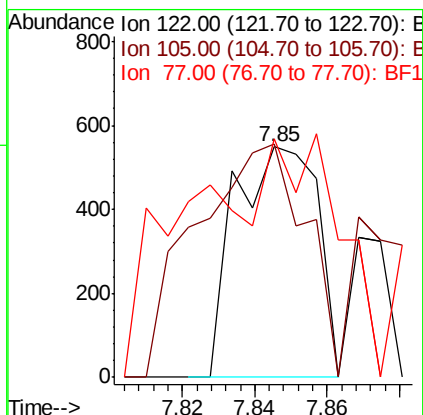
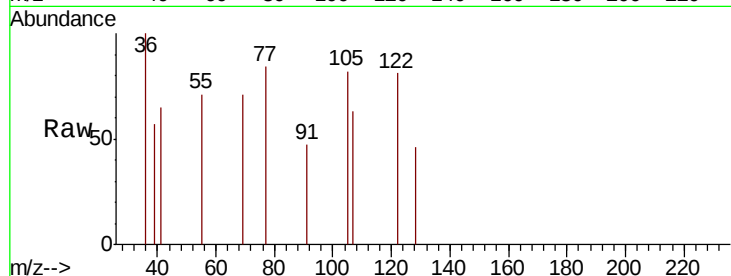




#32
Benzoic acid
Concen: 6.887 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

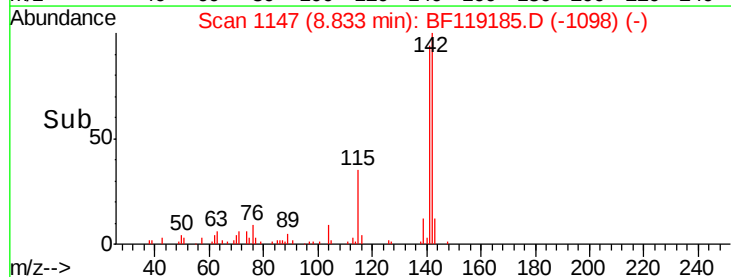
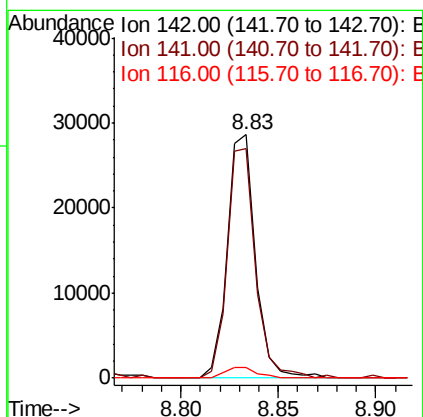
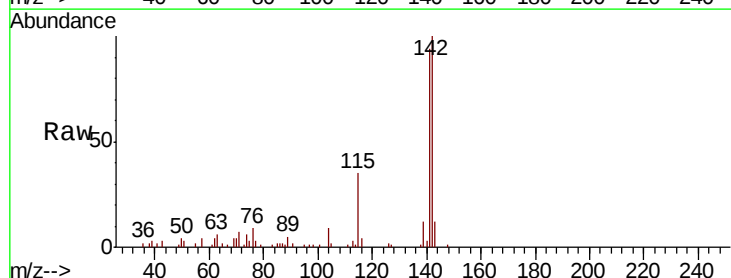
Instrument :
BNA_F
ClientSampleId :

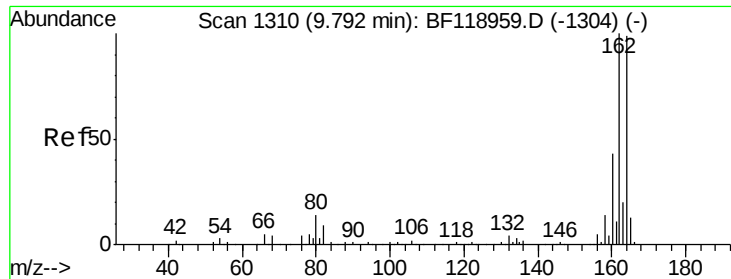
Tot Ion:122 Resp: 864
Ion Ratio Lower Upper
122 100
105 101.1 106.3 146.3#
77 103.3 73.1 113.1



#38
1-Methylnaphthalene
Concen: 2.375 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Tgt Ion:142 Resp: 28528
Ion Ratio Lower Upper
142 100
141 94.1 75.8 113.6
116 4.4 3.1 4.7

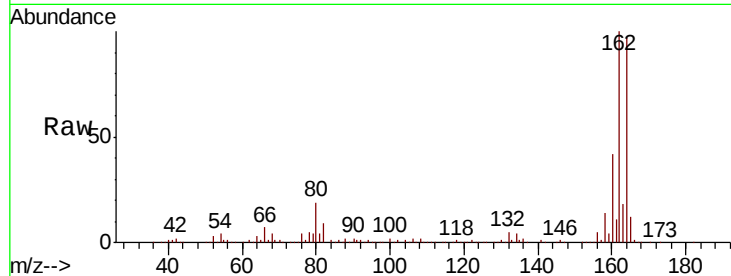




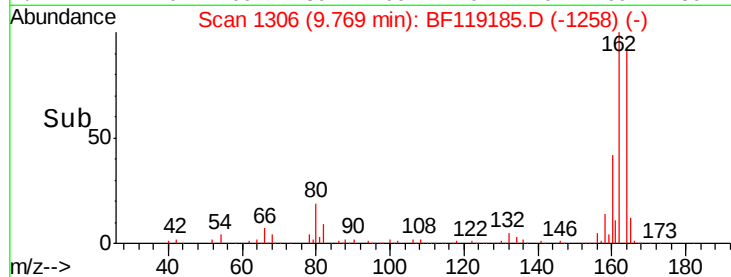
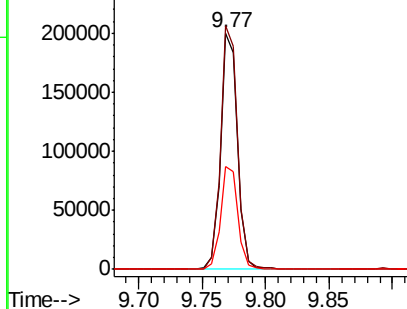
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF119185.D
 Acq: 2 Mar 2020 23:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 186987
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.8 122.8
 160 43.5 36.0 54.0

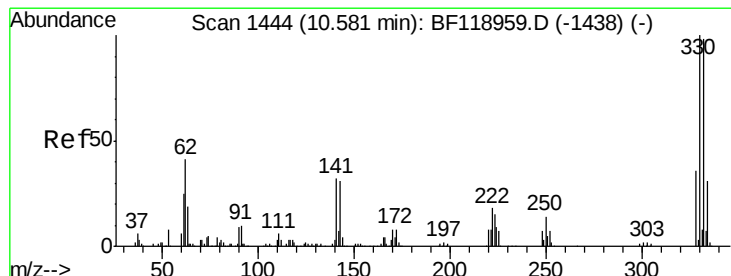


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

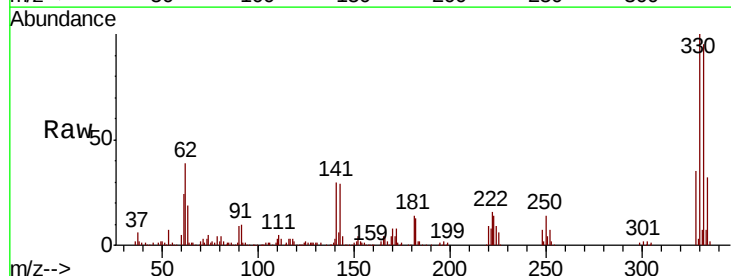
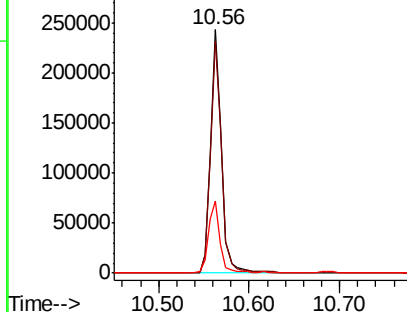


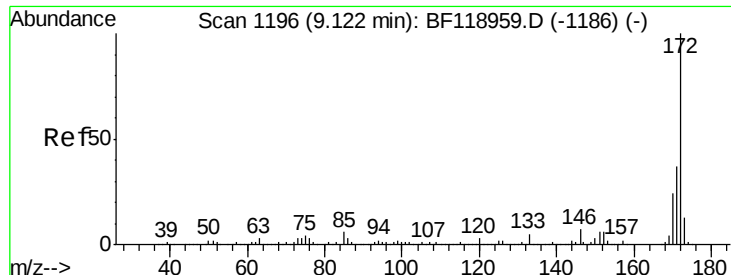
#42
 2,4,6-Tribromophenol
 Concen: 85.510 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119185.D
 Acq: 2 Mar 2020 23:18

Tgt Ion:330 Resp: 209167
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.0 114.0
 141 30.9 22.9 34.3



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

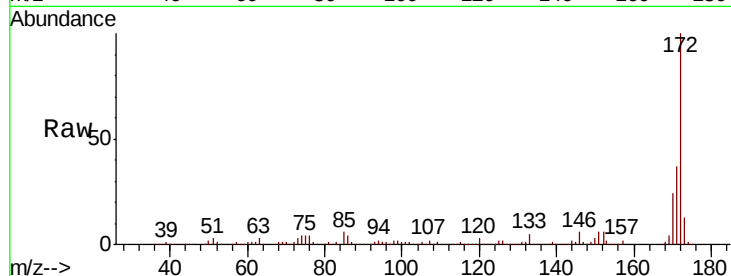




#45
2-Fluorobiphenyl
Concen: 62.195 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.2	20.2	30.2

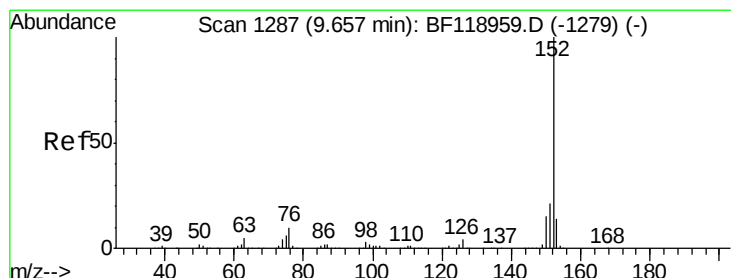
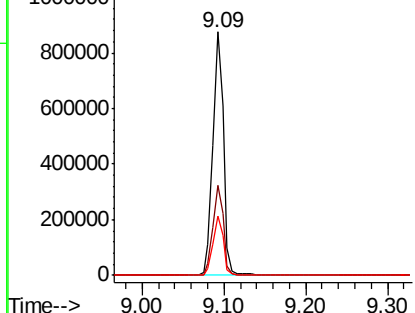
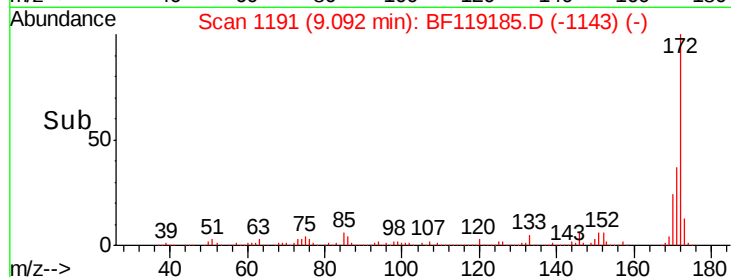


Abundance

Ion 172.00 (171.70 to 172.70): E

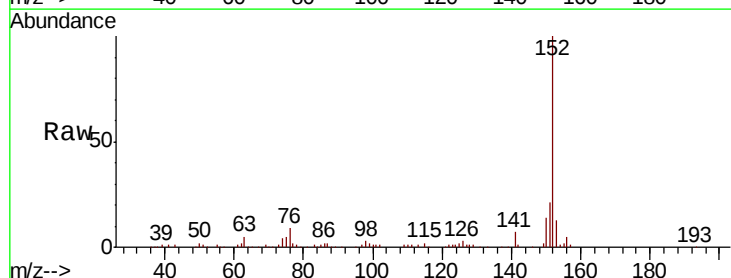
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Acenaphthylene
Concen: 7.308 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.1	11.0	16.6

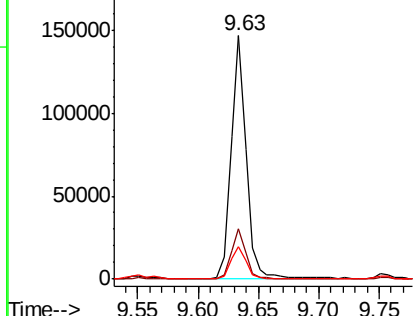
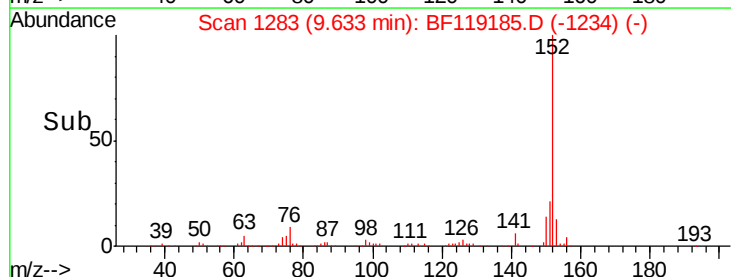


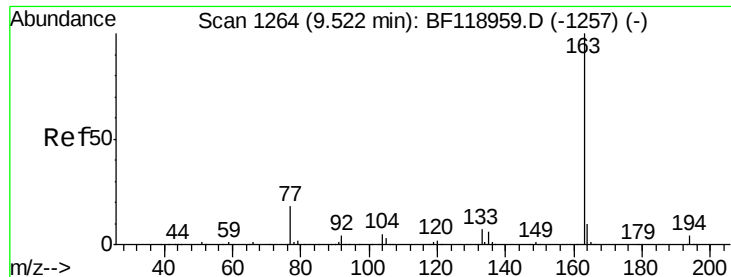
Abundance

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

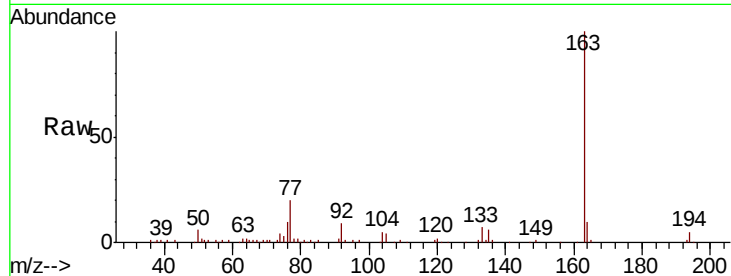




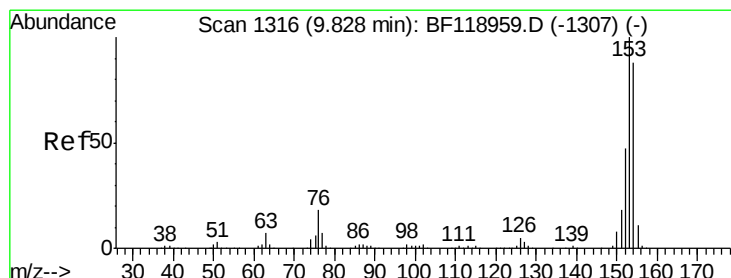
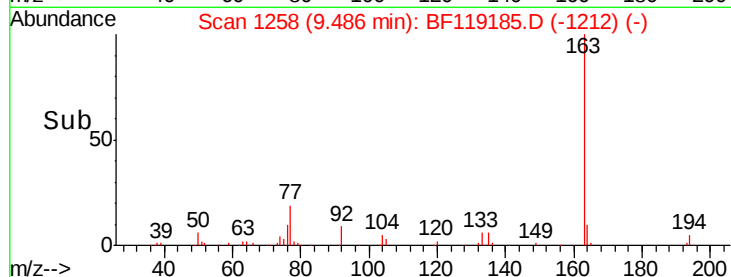
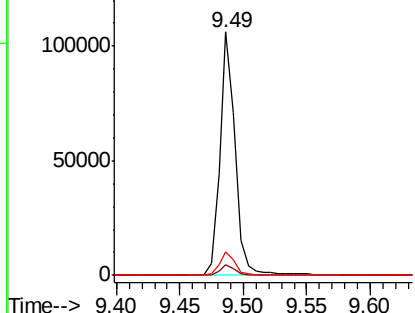
#50
Dimethylphthalate
Concen: 6.280 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 89801
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 9.7 8.4 12.6

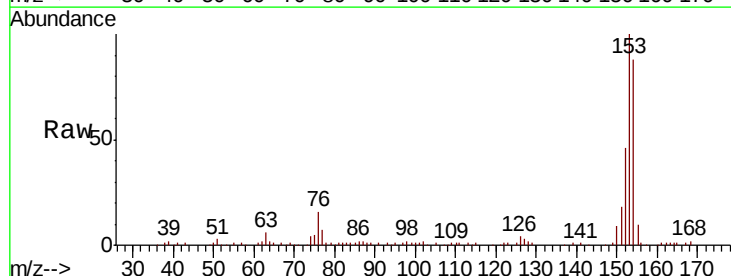


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

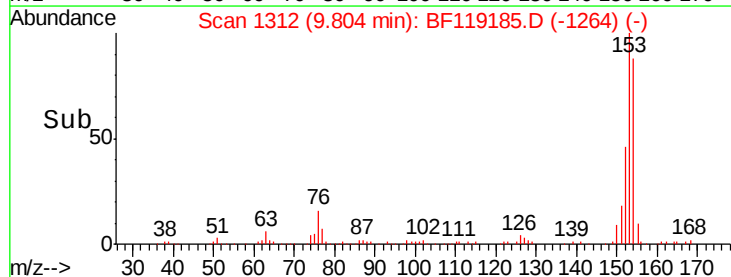
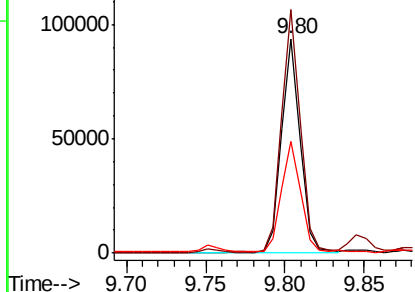


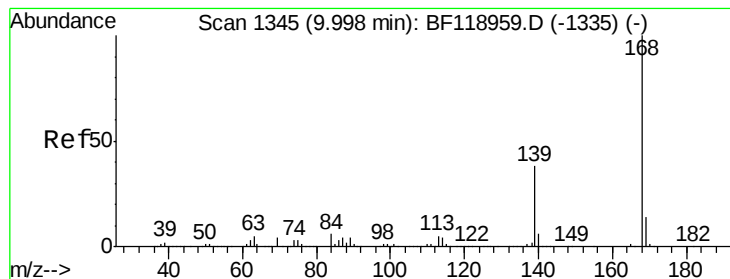
#52
Acenaphthene
Concen: 7.323 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Tgt Ion:154 Resp: 77672
Ion Ratio Lower Upper
154 100
153 113.5 90.3 135.5
152 52.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#55

Dibenzenofuran

Concen: 5.113 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

Instrument :

BNA_F

ClientSampled :

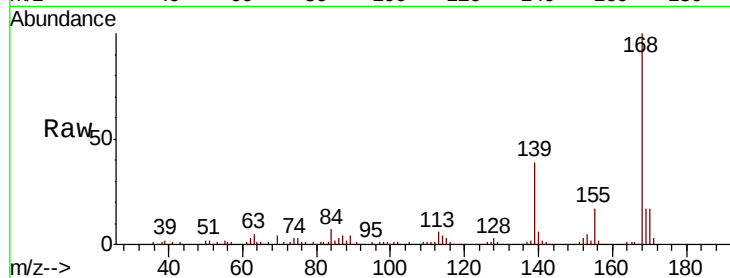
Tot Ion:168 Resp: 80942

Ion Ratio Lower Upper

168 100

139 38.8 34.0 51.0

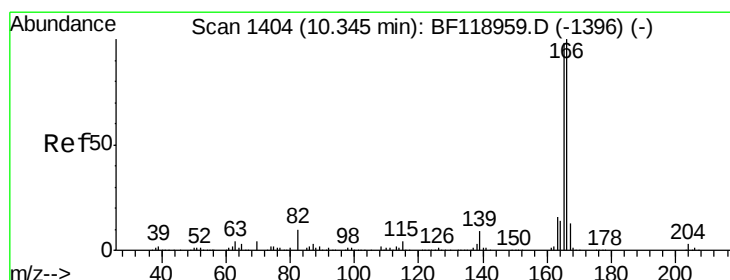
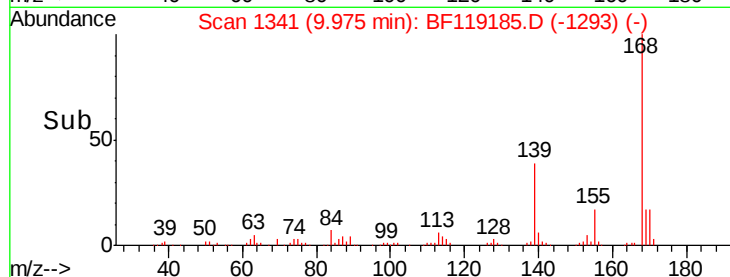
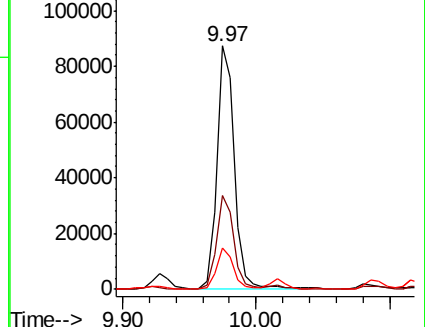
169 16.8 11.0 16.4#



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



#58

Fluorene

Concen: 10.278 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

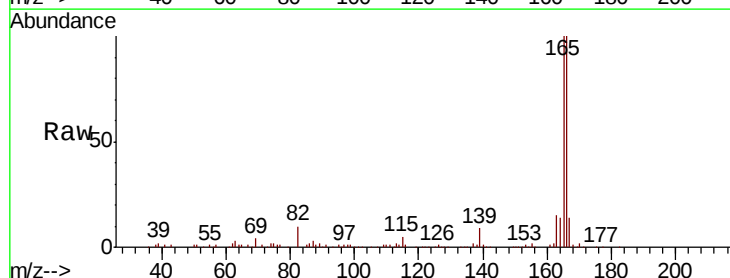
Tgt Ion:166 Resp: 126428

Ion Ratio Lower Upper

166 100

165 99.8 78.5 117.7

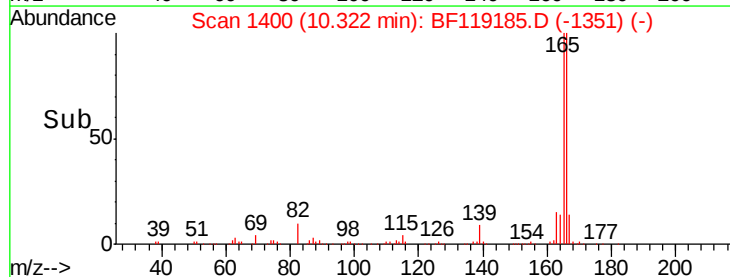
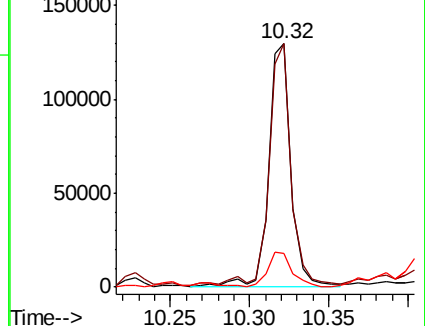
167 14.1 11.0 16.4

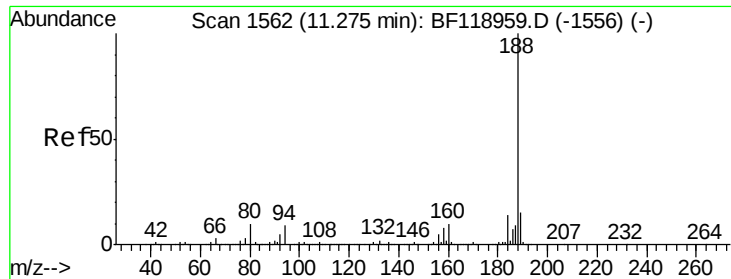


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

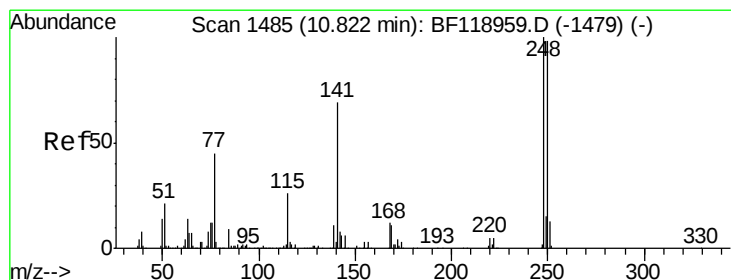
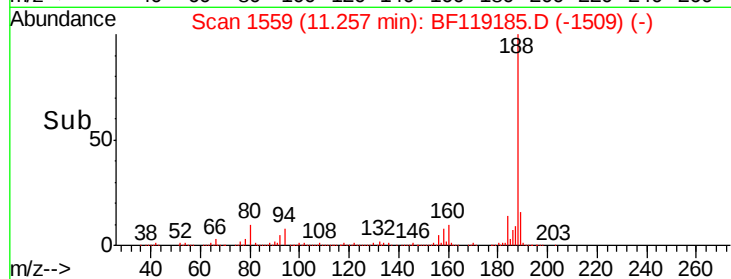
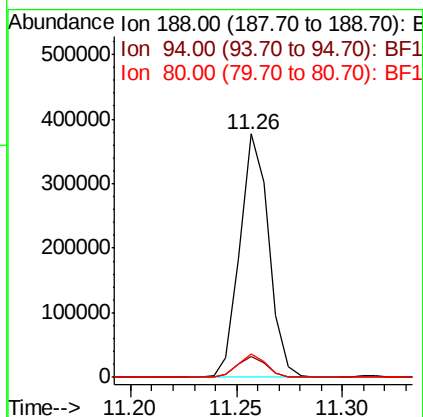
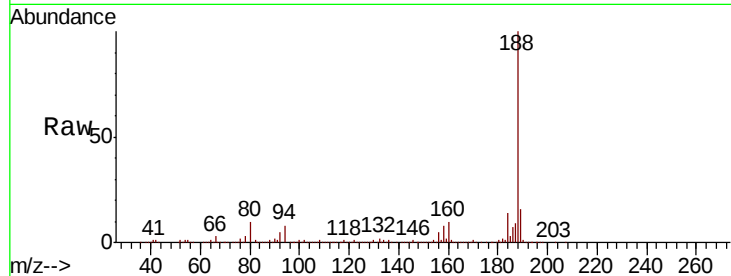




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119185.D
 Acq: 2 Mar 2020 23:18

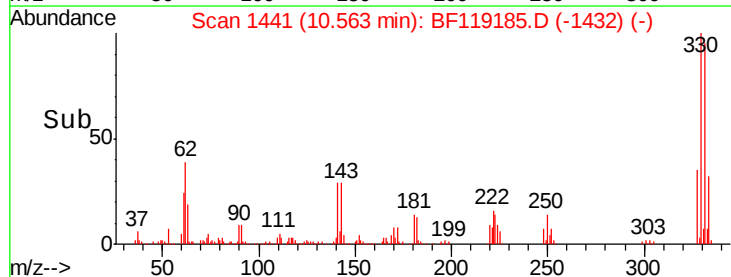
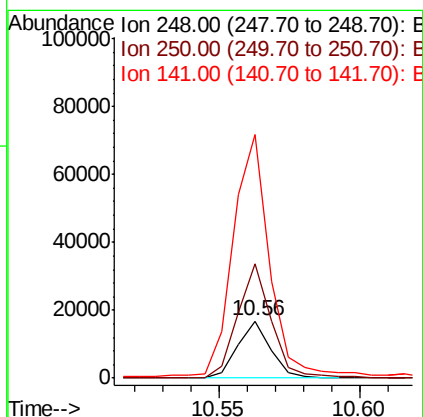
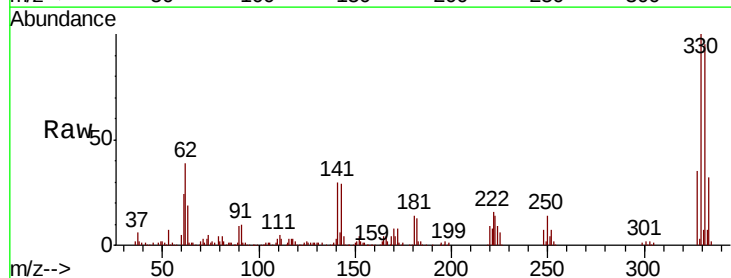
Instrument :
 BNA_F
 ClientSampled :

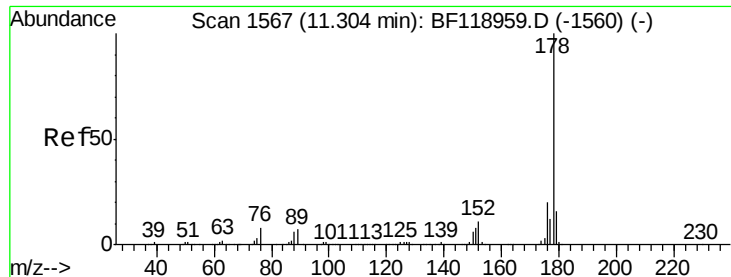
Tot Ion:188 Resp: 357375
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.1 10.7
 80 9.7 7.8 11.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.914 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF119185.D
 Acq: 2 Mar 2020 23:18

Tgt Ion:248 Resp: 13613
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.7 115.1#
 141 427.3 60.7 91.1#

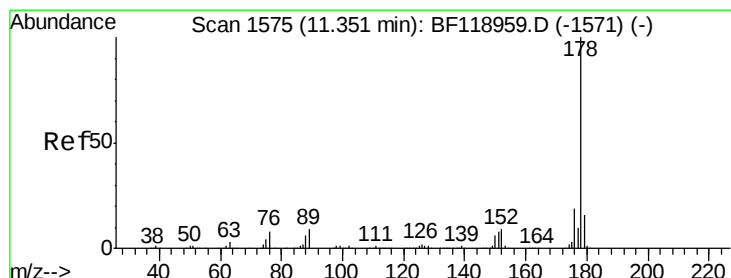
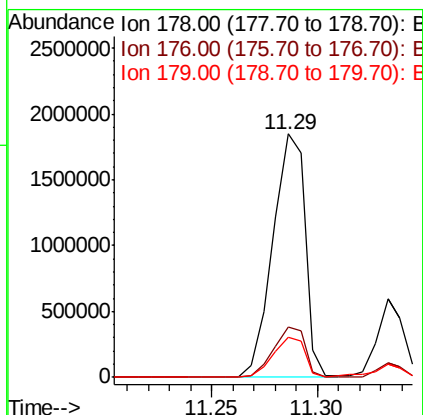
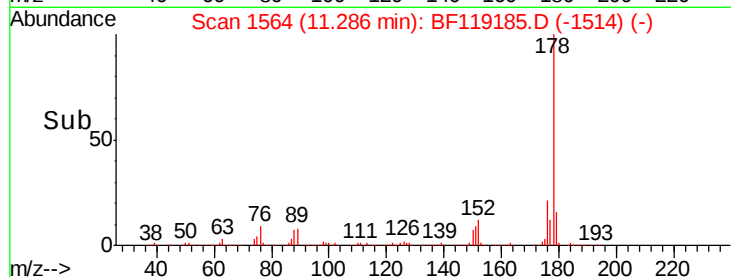
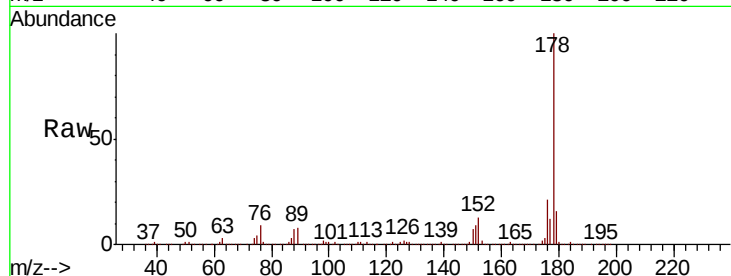




#71
Phenanthrene
Concen: 101.489 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

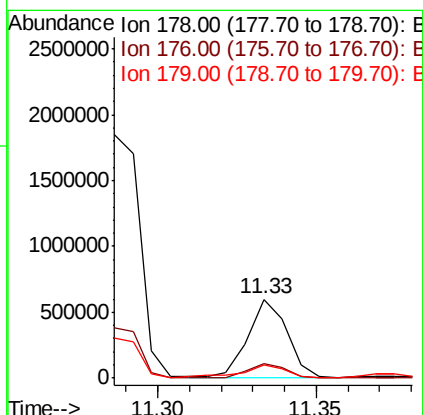
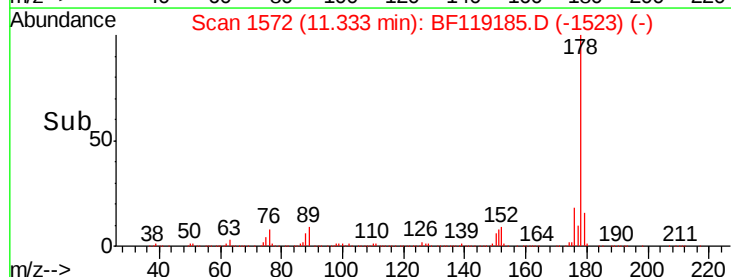
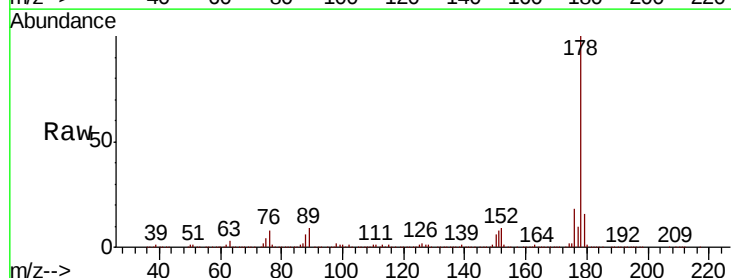
Instrument :
BNA_F
ClientSampleId :

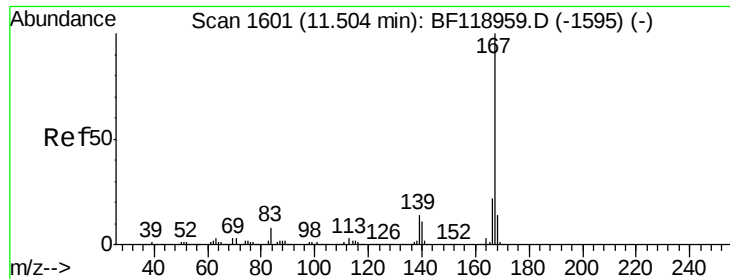
Tot Ion:178 Resp: 1977961
Ion Ratio Lower Upper
178 100
176 20.5 16.5 24.7
179 16.3 13.0 19.6



#72
Anthracene
Concen: 26.011 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Tgt Ion:178 Resp: 506516
Ion Ratio Lower Upper
178 100
176 18.2 16.0 24.0
179 16.1 13.1 19.7

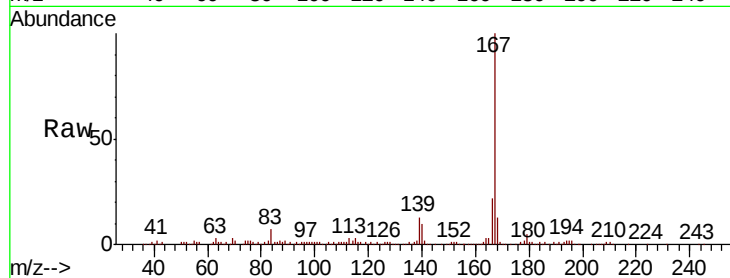




#73
 Carbazole
 Concen: 9.749 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF119185.D
 Acq: 2 Mar 2020 23:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	12.7	11.7	17.5

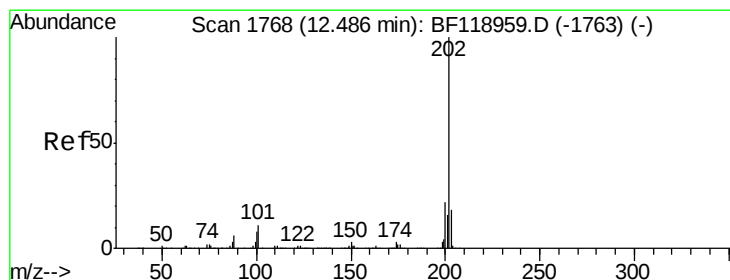
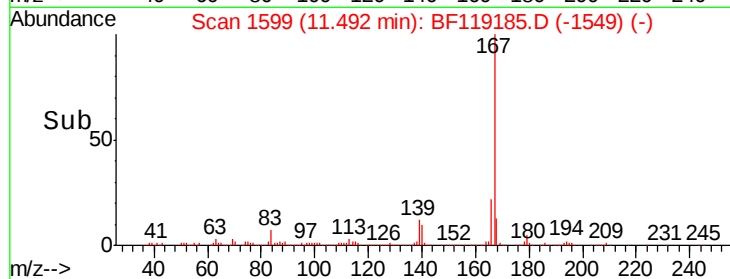
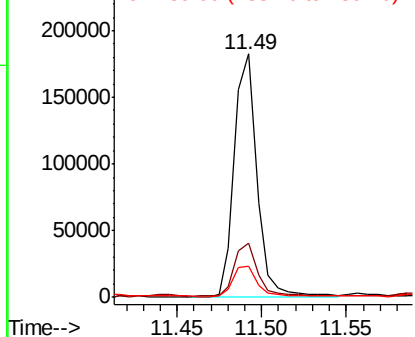


Abundance

Ion 167.00 (166.70 to 167.70): E

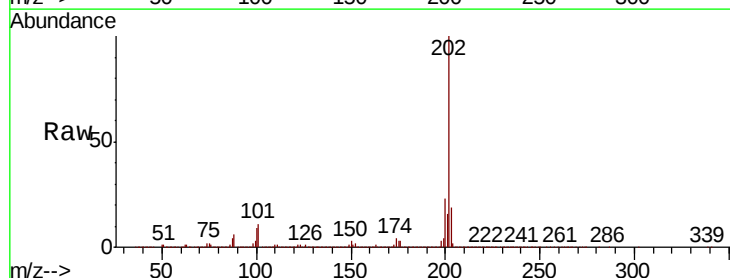
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75
 Fluoranthene
 Concen: 146.335 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BF119185.D
 Acq: 2 Mar 2020 23:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
203	19.0	0.0	38.4

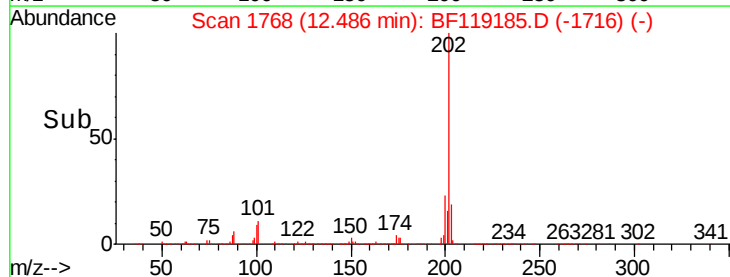
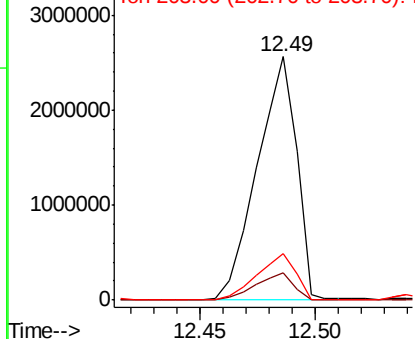


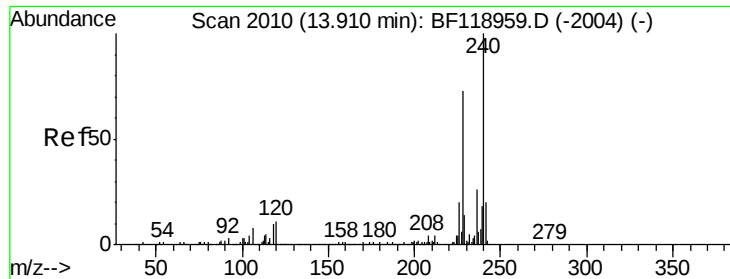
Abundance

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

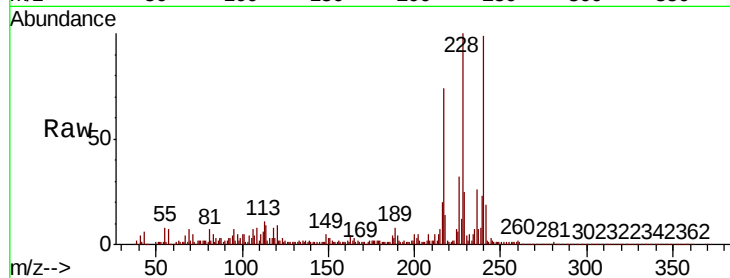




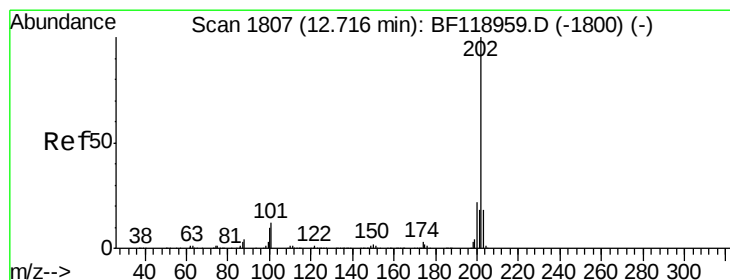
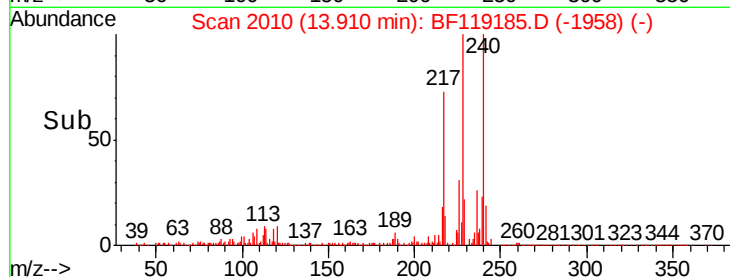
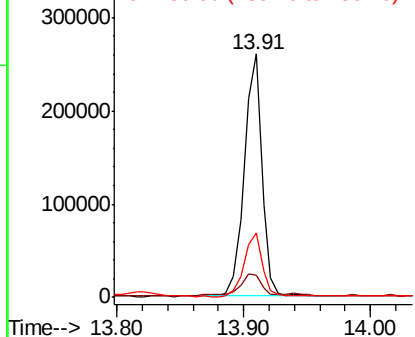
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 250346
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 26.5 21.0 31.4

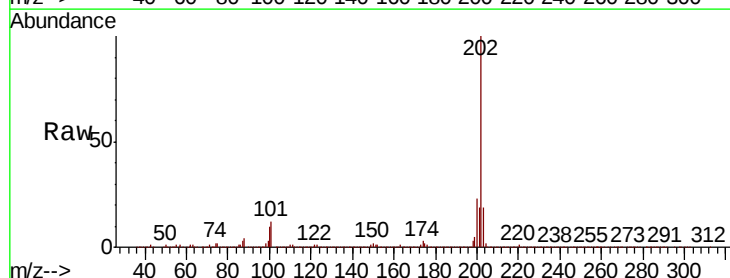


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

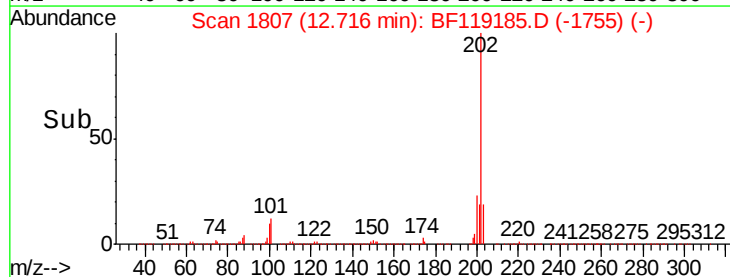
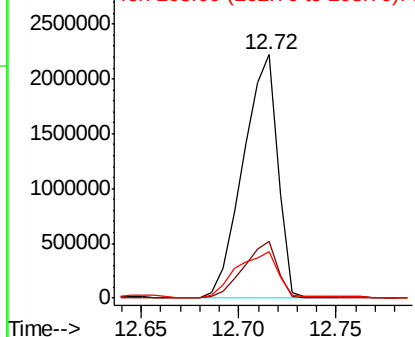


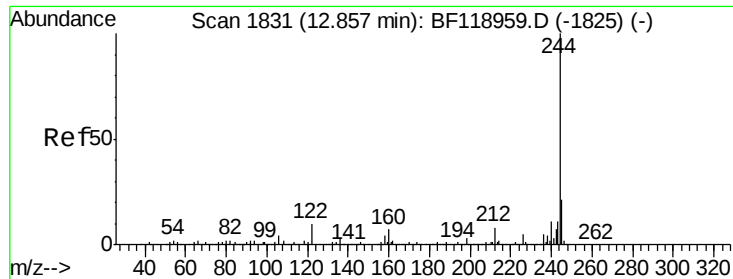
#78
Pyrene
Concen: 135.313 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Tgt Ion:202 Resp: 2720132
Ion Ratio Lower Upper
202 100
200 23.2 18.0 27.0
203 19.3 14.6 22.0



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

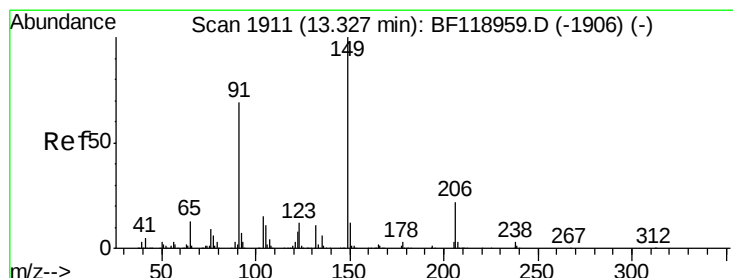
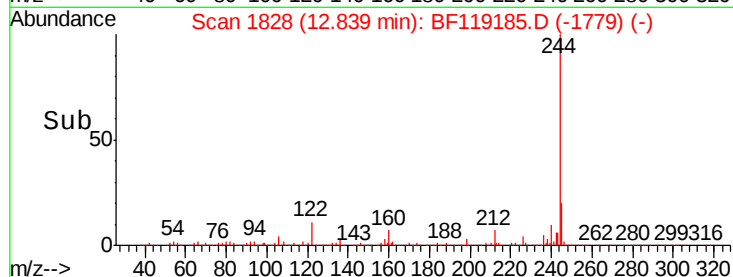
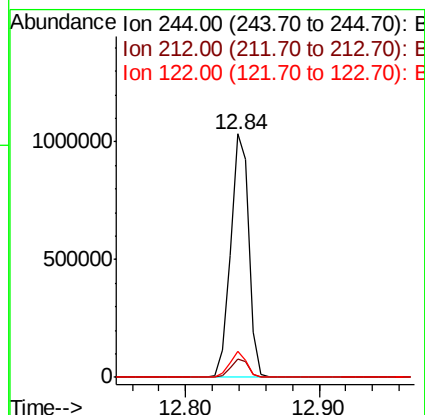
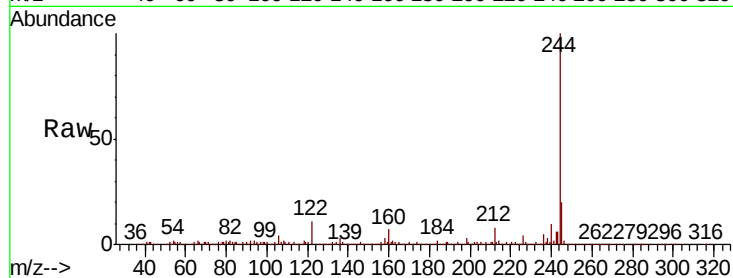




#79
 Terphenyl-d14
 Concen: 68.539 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119185.D
 Acq: 2 Mar 2020 23:18

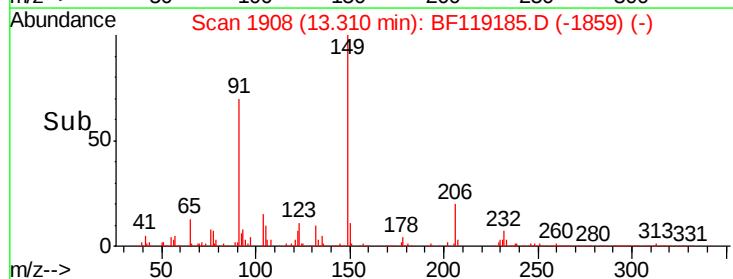
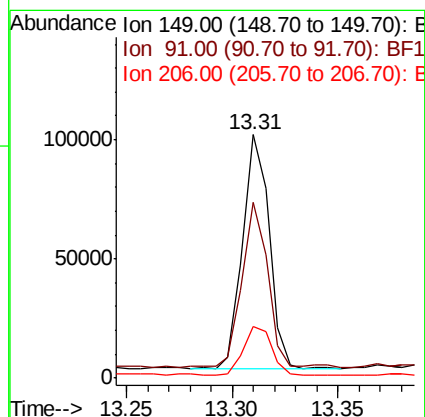
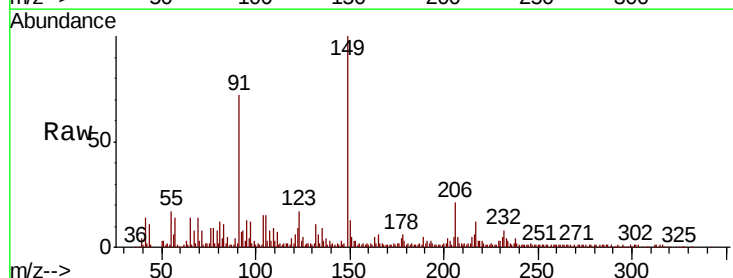
Instrument :
 BNA_F
 ClientSampleId :

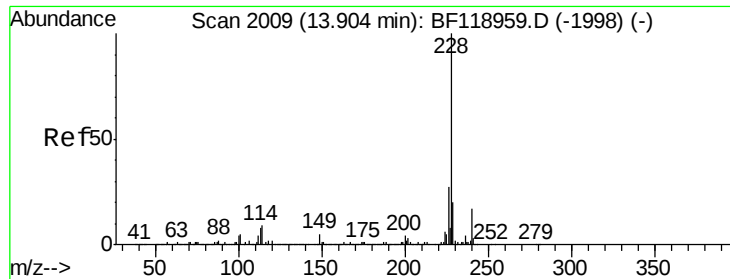
Tot Ion:244 Resp: 996618
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 10.6 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 10.168 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BF119185.D
 Acq: 2 Mar 2020 23:18

Tgt Ion:149 Resp: 86030
 Ion Ratio Lower Upper
 149 100
 91 72.0 52.3 78.5
 206 21.3 18.5 27.7





#81

Benzo(a)anthracene

Concen: 80.373 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

Instrument :

BNA_F

ClientSampleId :

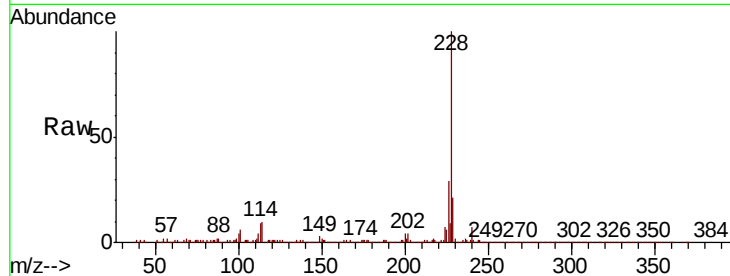
Tot Ion:228 Resp: 1370980

Ion Ratio Lower Upper

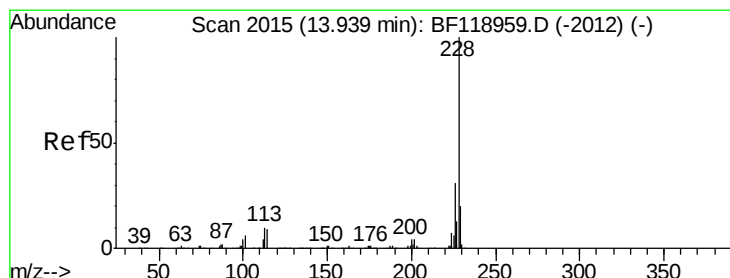
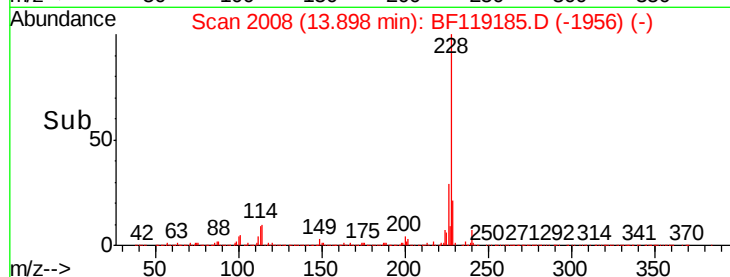
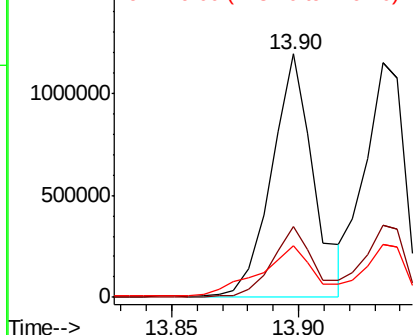
228 100

226 29.0 22.6 33.8

229 21.1 16.6 24.8



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: 73.137 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

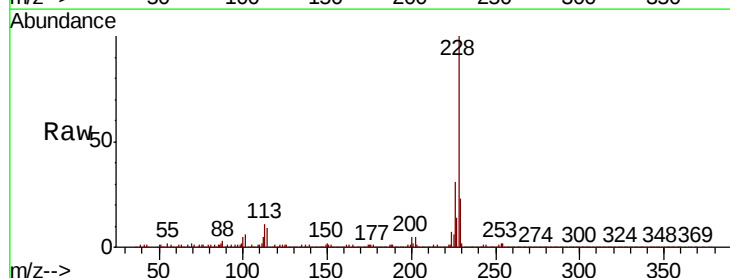
Tgt Ion:228 Resp: 1243085

Ion Ratio Lower Upper

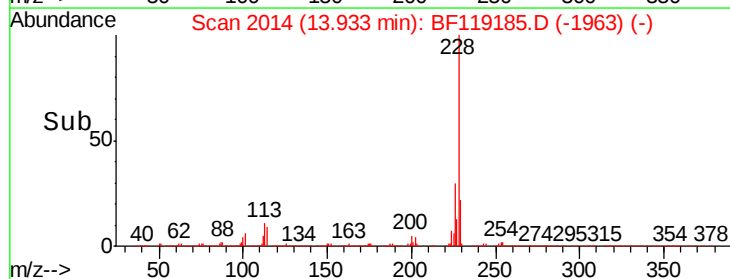
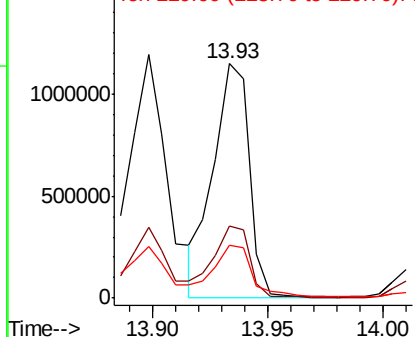
228 100

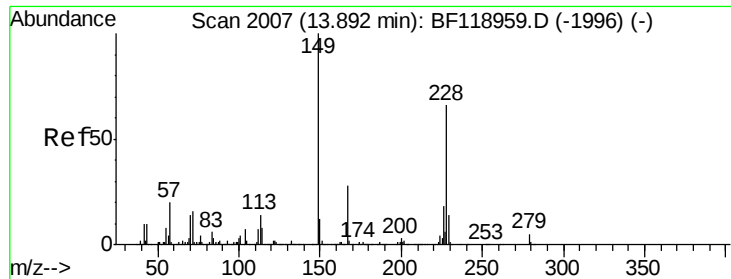
226 30.7 25.1 37.7

229 22.8 16.3 24.5



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 233.811 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

Instrument :

BNA_F

ClientSampleId :

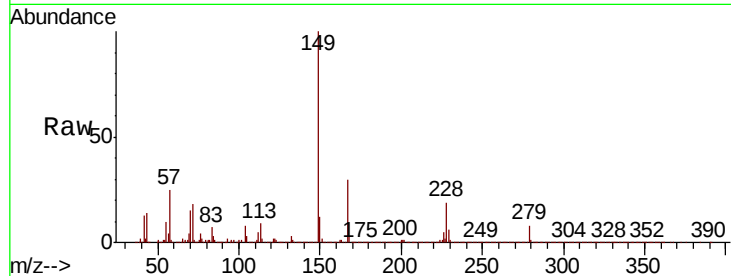
Tot Ion:149 Resp: 2499138

Ion Ratio Lower Upper

149 100

167 30.0 22.8 34.2

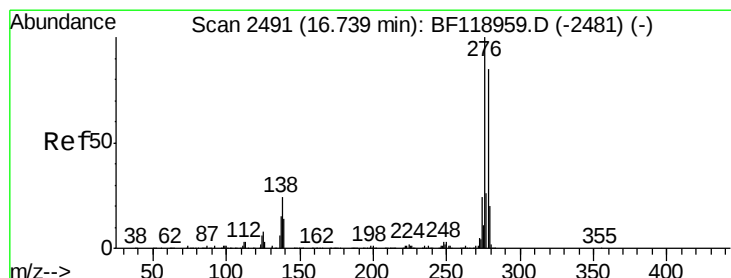
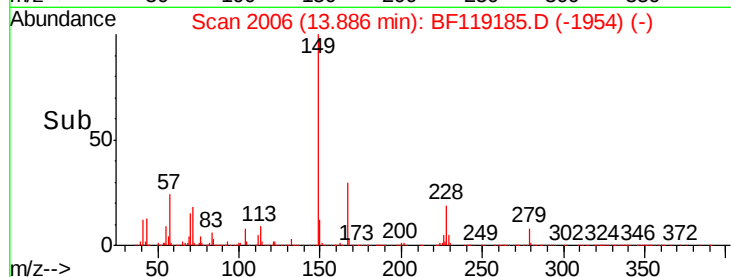
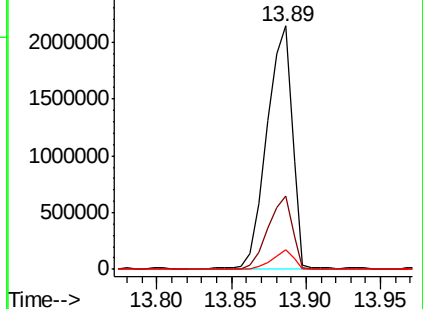
279 7.9 4.6 6.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.577 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

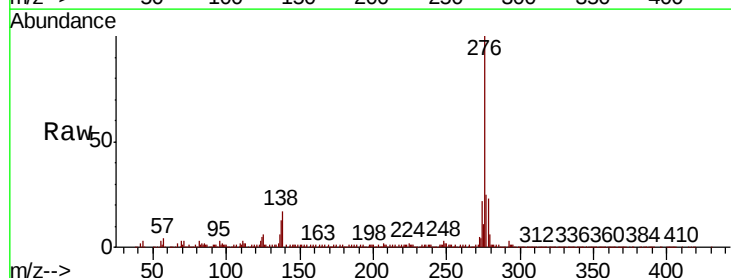
Tgt Ion:276 Resp: 519675

Ion Ratio Lower Upper

276 100

138 17.9 17.4 26.0

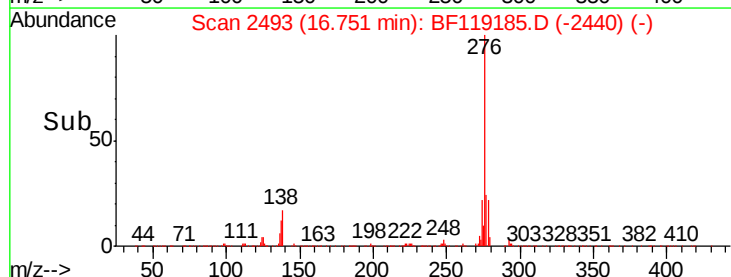
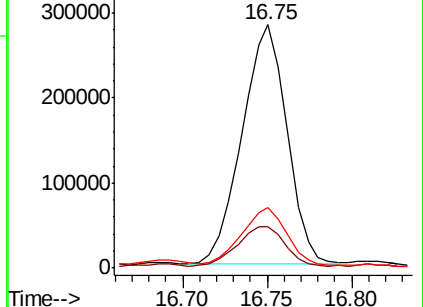
277 24.6 20.3 30.5

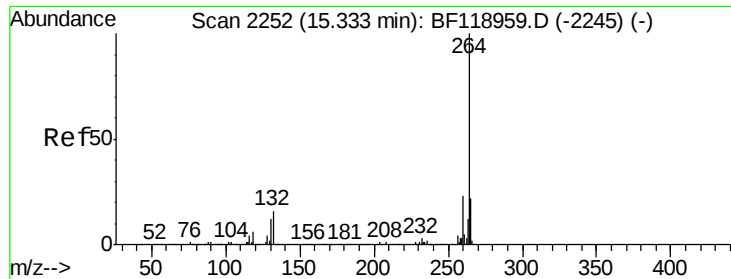


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

Instrument :

BNA_F

ClientSampleId :

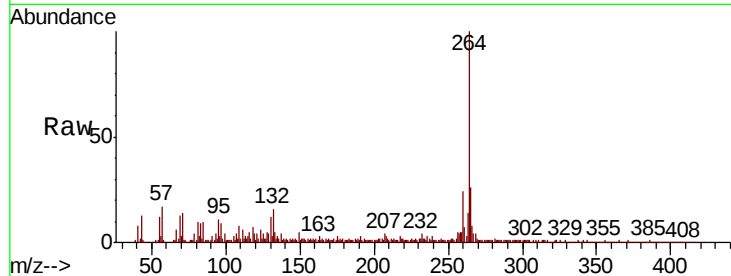
Tot Ion:264 Resp: 177785

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 25.5 17.7 26.5

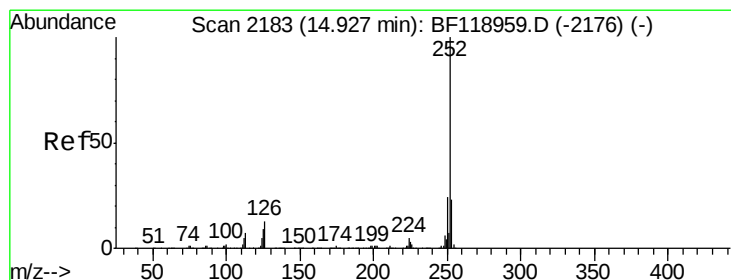
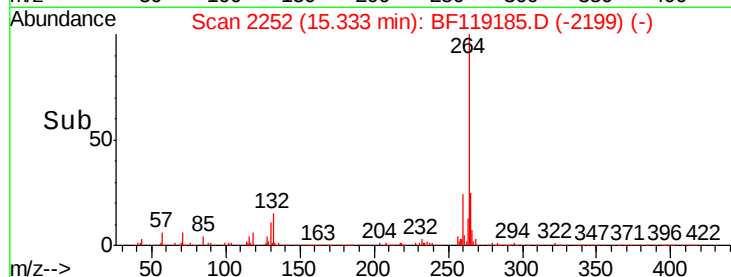
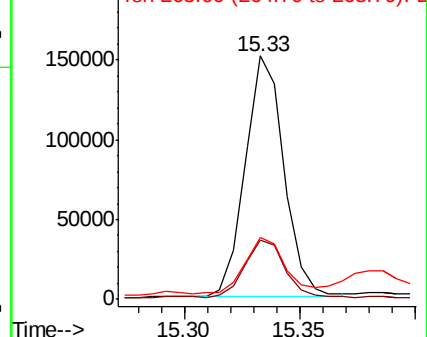


Abundance

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: 135.996 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

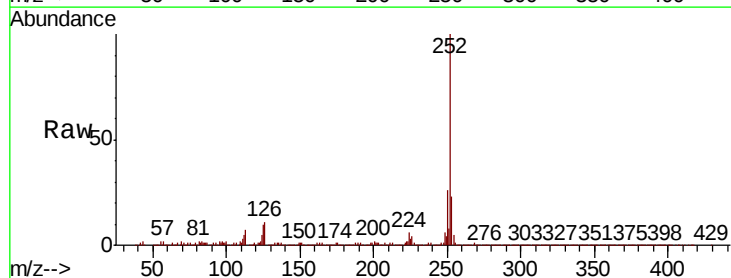
Tgt Ion:252 Resp: 1593689

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

125 9.8 7.4 11.0

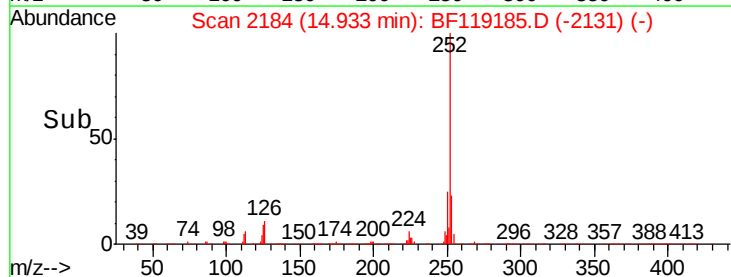
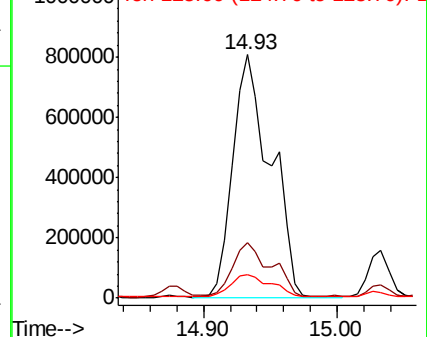


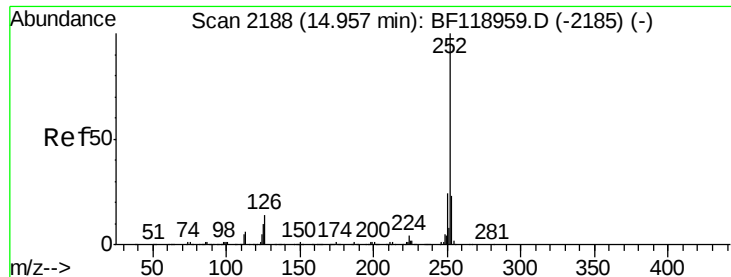
Abundance

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

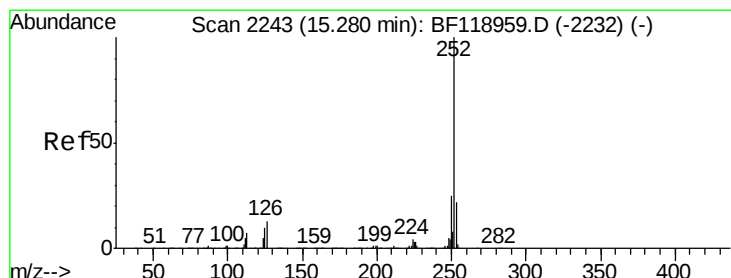
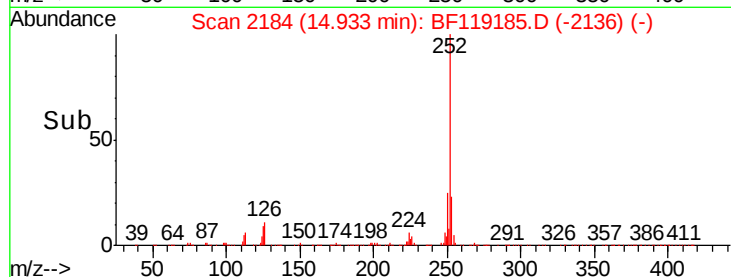
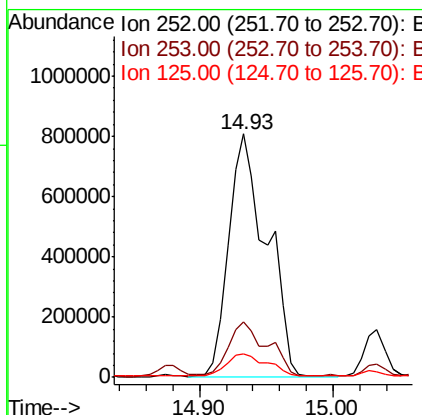
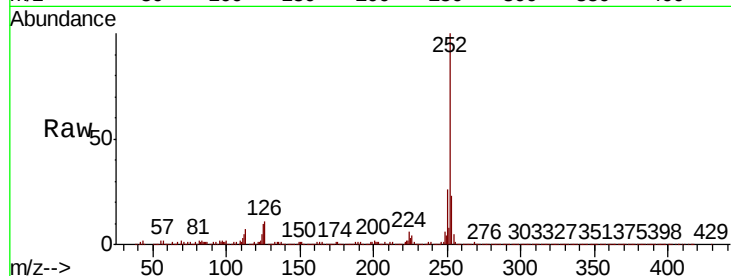




#89
Benzo(k)fluoranthene
Concen: 146.750 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

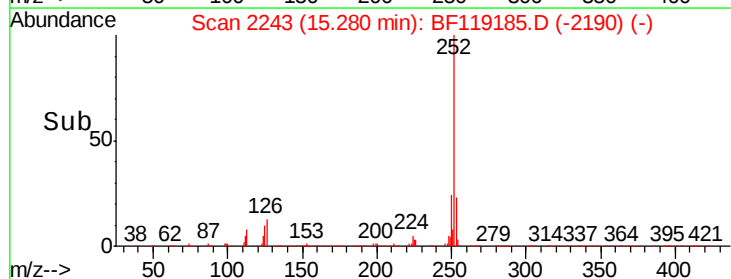
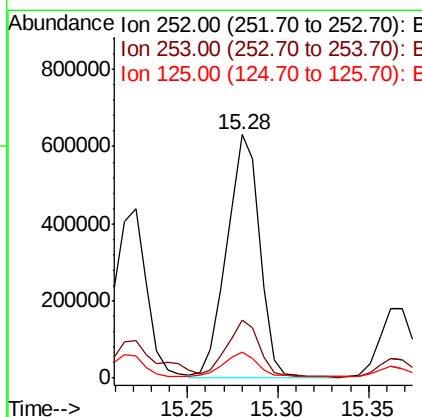
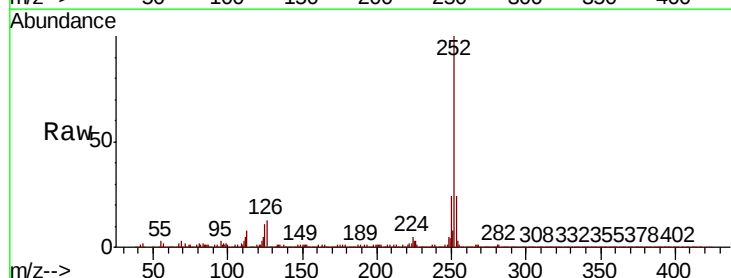
Instrument :
BNA_F
ClientSampled :

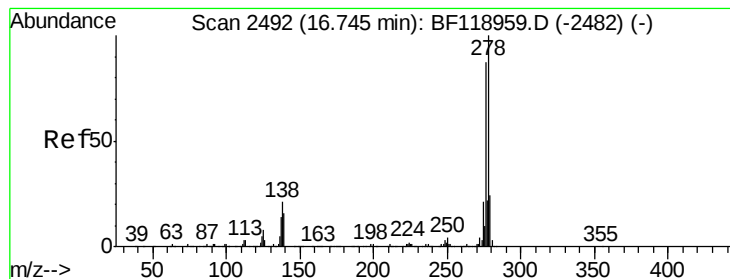
Tot Ion:252 Resp: 1593689
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 9.8 7.5 11.3



#90
Benzo(a)pyrene
Concen: 74.809 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF119185.D
Acq: 2 Mar 2020 23:18

Tgt Ion:252 Resp: 791204
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 10.6 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 11.485 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.16 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

Instrument :

BNA_F

ClientSampleId :

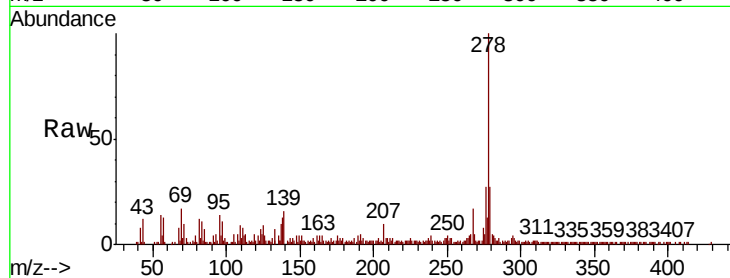
Tot Ion:278 Resp: 106881

Ion Ratio Lower Upper

278 100

139 16.1 11.0 16.4

279 27.3 18.6 28.0

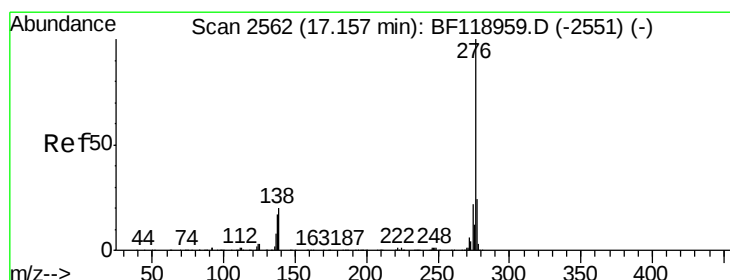
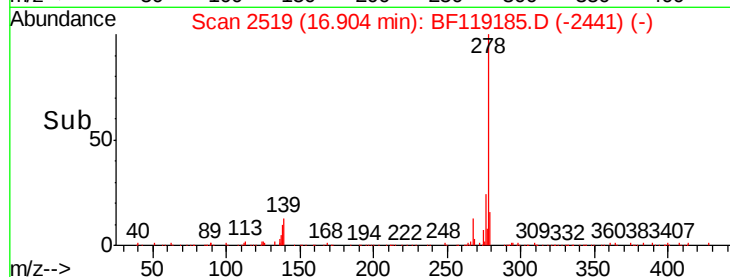
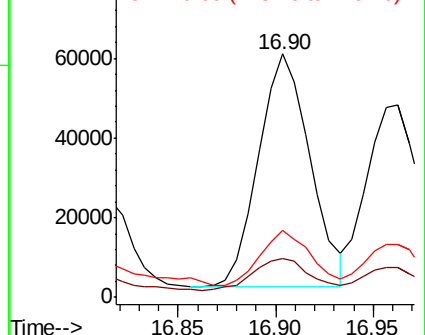


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.617 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.02 min

Lab File: BF119185.D

Acq: 2 Mar 2020 23:18

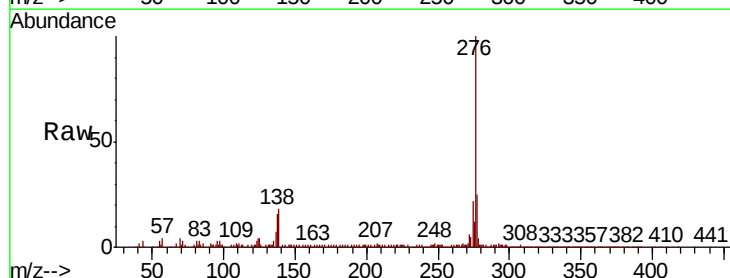
Tgt Ion:276 Resp: 511381

Ion Ratio Lower Upper

276 100

277 24.7 18.7 28.1

138 18.3 14.3 21.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

