

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
 Data File : BF118841.D
 Acq On : 6 Feb 2020 17:09
 Operator : CG/JU
 Sample : L1408-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

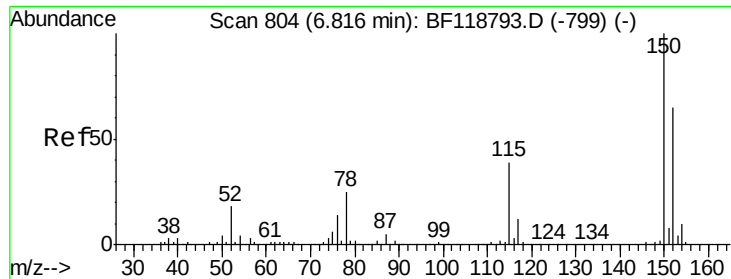
Quant Time: Feb 06 21:06:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	199309	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	746564	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	403778	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	691840	20.00	ng	0.00
76) Chrysene-d12	13.97	240	531444	20.00	ng	0.00
87) Perylene-d12	15.42	264	693358	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	973408	92.45	ng	0.00
7) Phenol-d6	6.45	99	1148876	87.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	746990	59.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	412634	85.41	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	1591032	70.44	ng	-0.01
79) Terphenyl-d14	12.92	244	1651253	63.82	ng	-0.01

Target Compounds				Qvalue		
9) Benzaldehyde	6.36	77	839	Below Cal	#	81
19) n-Nitroso-di-n-propylamine	7.37	70	102872	12.864 ng	#	77
25) Isophorone	7.37	82	746979	33.184 ng	#	63
31) Naphthalene	8.12	128	223404	6.543 ng		97
37) 2-Methylnaphthalene	8.80	142	47846	2.020 ng		97
38) 1-Methylnaphthalene	8.80	142	47846	2.148 ng		92
49) Acenaphthylene	9.71	152	94927	2.831 ng		98
50) Dimethylphthalate	9.56	163	109477	3.982 ng		99
51) 2,6-Dinitrotoluene	9.85	165	54497	8.663 ng	#	31
55) Dibenzofuran	10.05	168	87604	2.744 ng		95
56) 4-Nitrophenol	10.05	139	30472	6.035 ng	#	12
58) Fluorene	10.39	166	107892	4.492 ng		99
67) 4-Bromophenyl-phenylether	10.63	248	25798	3.152 ng	#	1
71) Phenanthrene	11.36	178	1340450	39.379 ng		99
72) Anthracene	11.40	178	368517	10.882 ng		96
73) Carbazole	11.56	167	118613	3.991 ng		98
75) Fluoranthene	12.55	202	2125559	57.192 ng		99
78) Pyrene	12.78	202	2185412	59.943 ng		99
81) Benzo(a)anthracene	13.96	228	1321539	41.789 ng		98
83) Chrysene	14.00	228	1265660	39.876 ng		98
86) Indeno(1,2,3-cd)pyrene	16.85	276	726003	22.766 ng		96
88) Benzo(b)fluoranthene	15.00	252	1962620	45.617 ng		100
89) Benzo(k)fluoranthene	15.00	252	1962620	52.385 ng		98
90) Benzo(a)pyrene	15.36	252	1160474	31.517 ng		99
91) Dibenzo(a,h)anthracene	16.86	278	189967	5.812 ng		95
92) Benzo(g,h,i)perylene	17.29	276	705419	22.440 ng		100

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

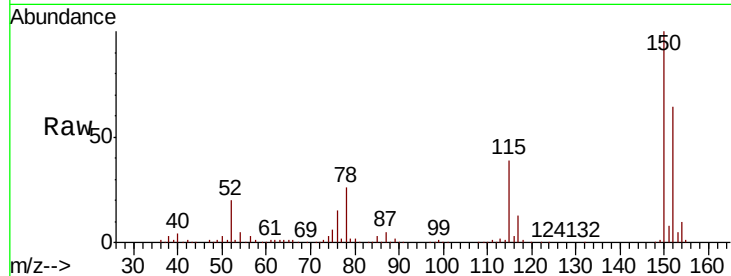


#1

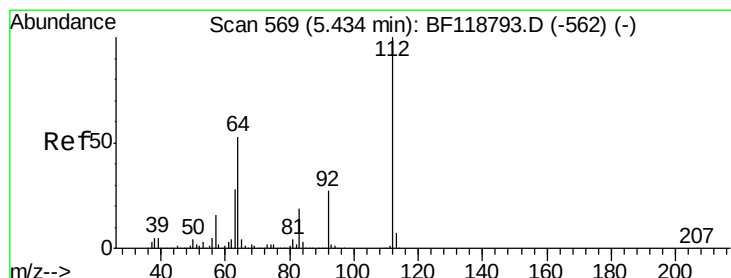
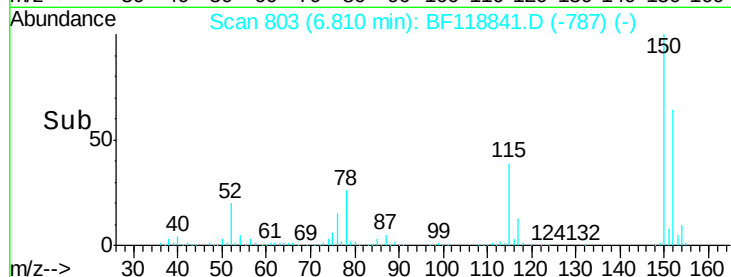
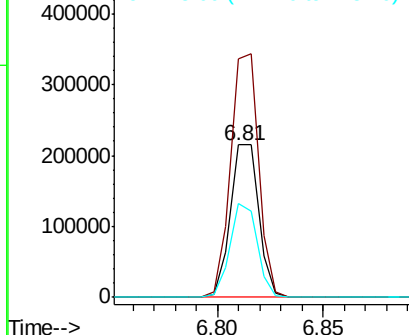
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 199309
Ion Ratio Lower Upper
152 100
150 156.6 123.6 185.4
115 61.4 48.2 72.2



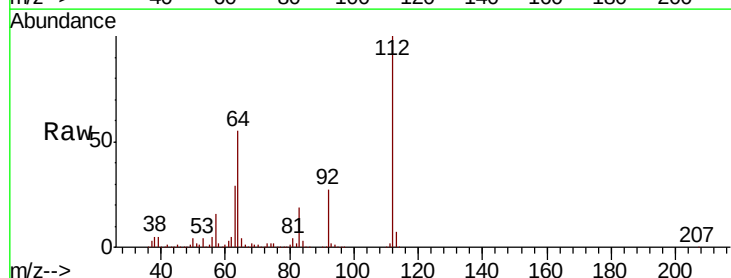
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



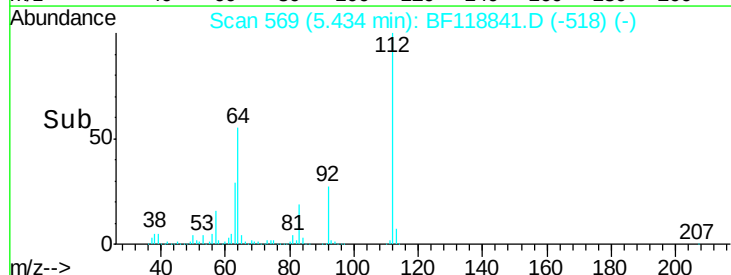
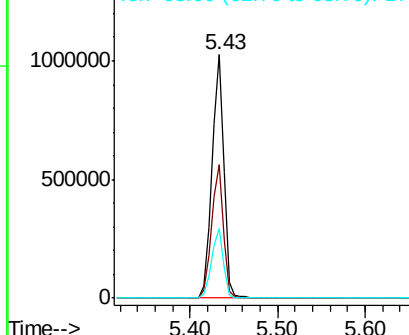
#5

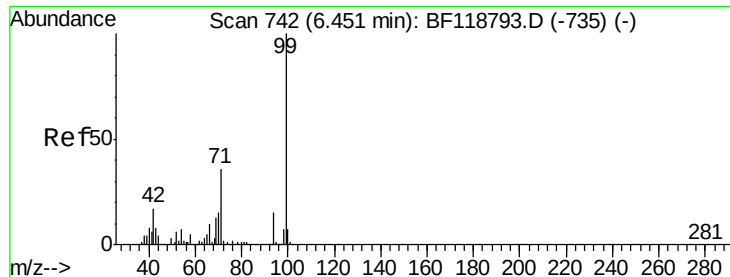
2-Fluorophenol
Concen: 92.449 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

Tgt Ion:112 Resp: 973408
Ion Ratio Lower Upper
112 100
64 55.0 42.6 63.8
63 28.6 22.2 33.4



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: 87.899 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

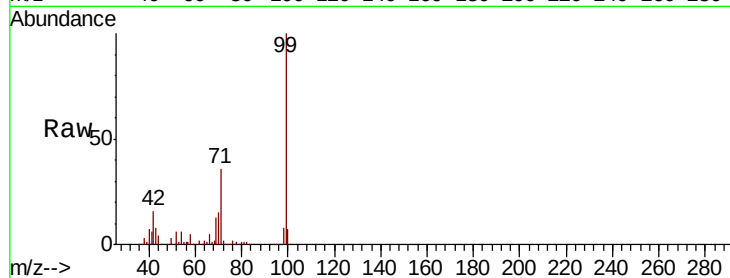
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1148876

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.4	20.0
71	35.8	29.0	43.6

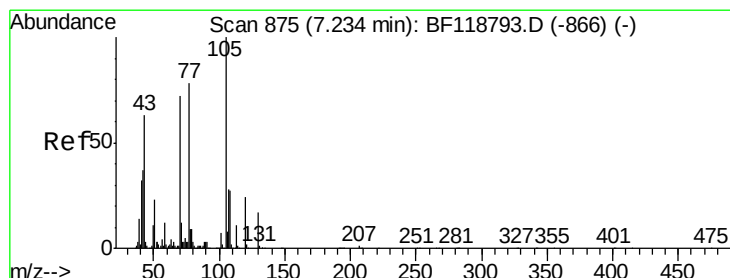
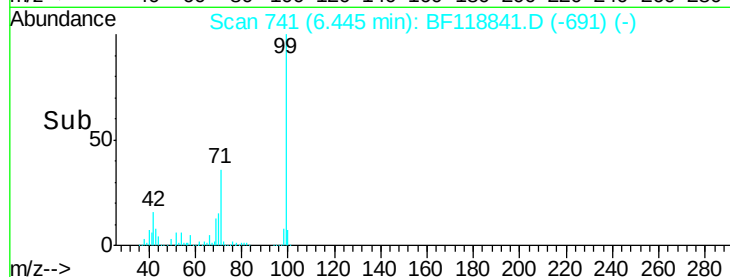
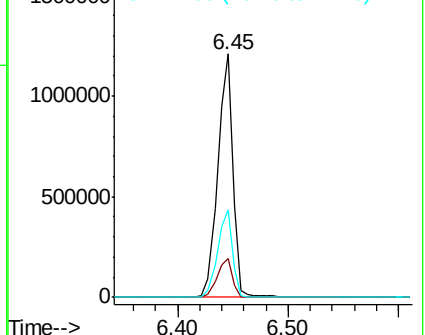


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 12.864 ng

RT: 7.37 min Scan# 898

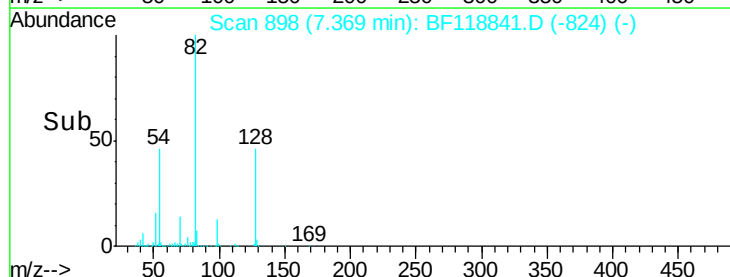
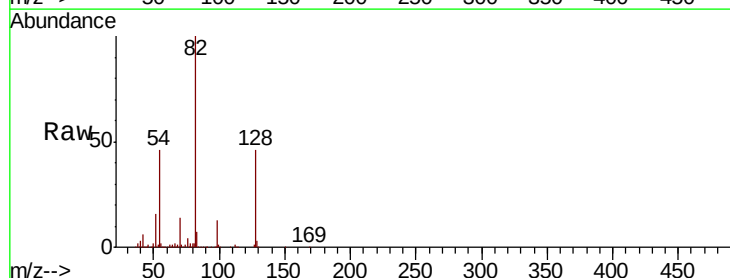
Delta R.T. 0.14 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

Tgt Ion: 70 Resp: 102872

Ion	Ratio	Lower	Upper
70	100		
42	43.2	41.5	62.3
101	0.0	8.3	12.5#
130	2.2	19.2	28.8#



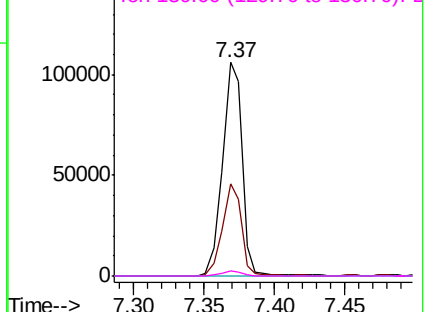
Abundance

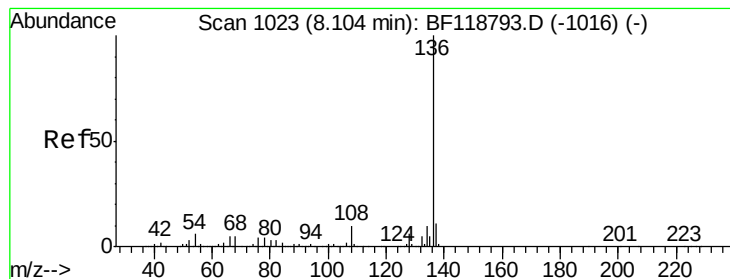
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 746564

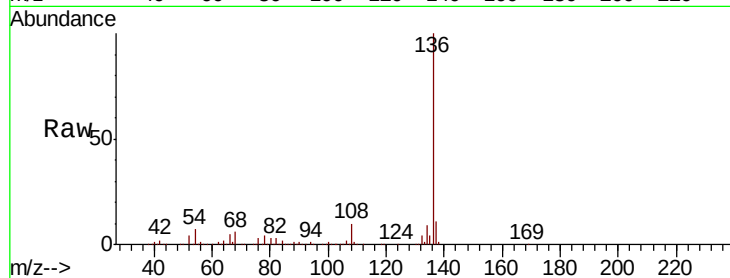
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.7 5.0 7.6

68 5.6 4.2 6.4

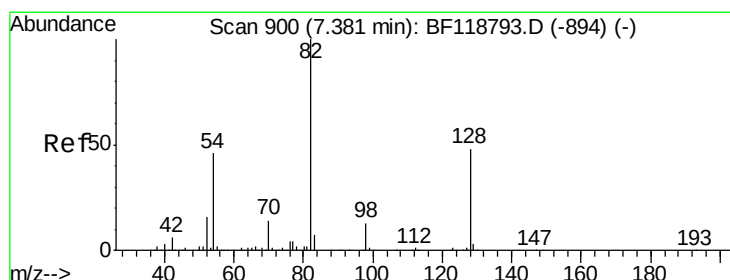
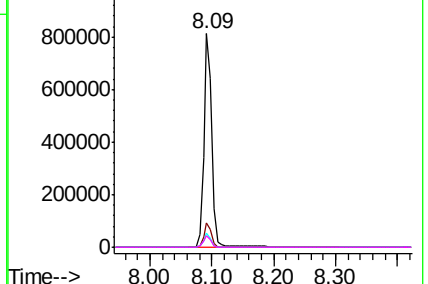
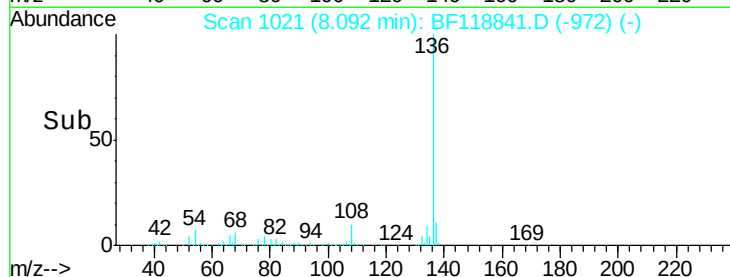


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 59.639 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

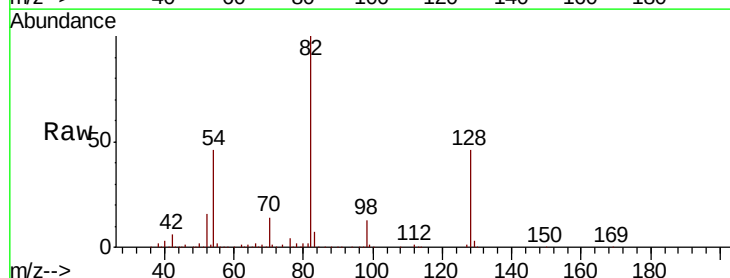
Tgt Ion: 82 Resp: 746990

Ion Ratio Lower Upper

82 100

128 45.9 38.5 57.7

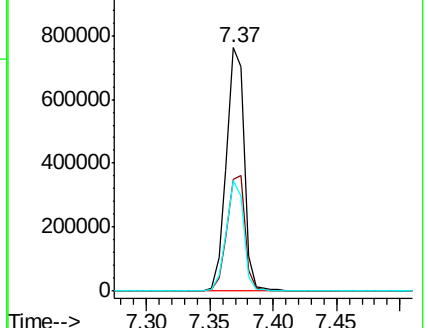
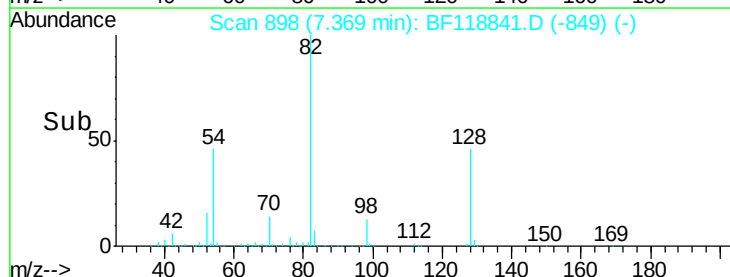
54 45.5 36.7 55.1

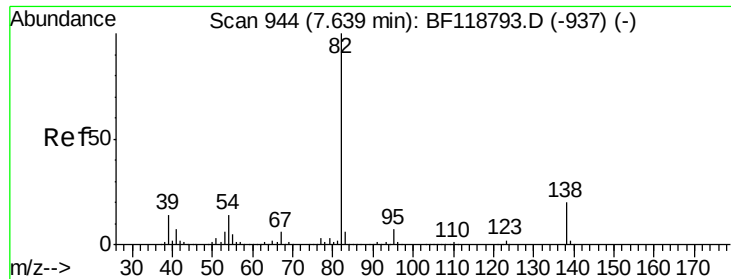


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.184 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

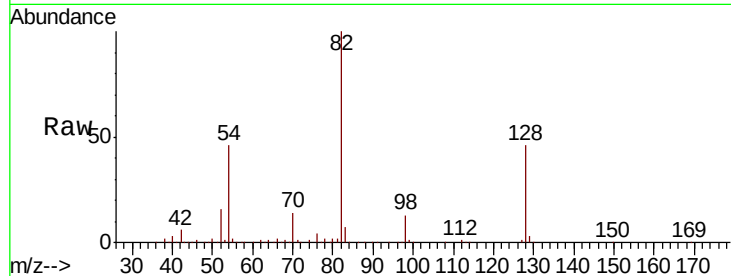
Tot Ion: 82 Resp: 746979

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

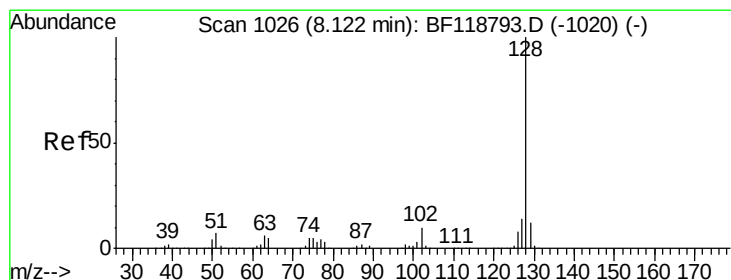
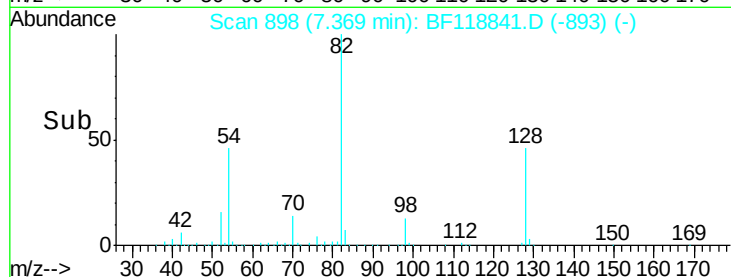
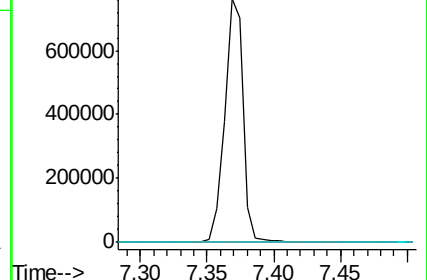
138 0.0 15.7 23.5#



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: 6.543 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

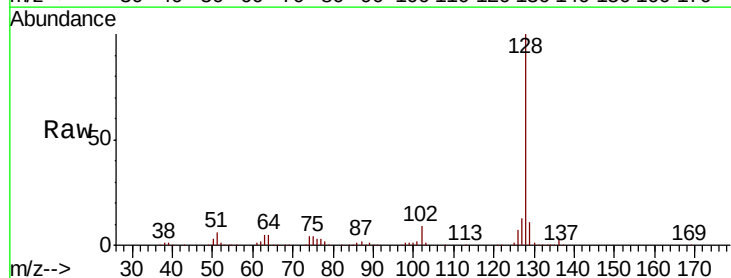
Tgt Ion: 128 Resp: 223404

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

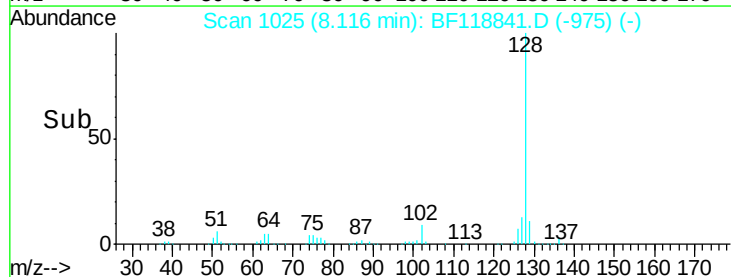
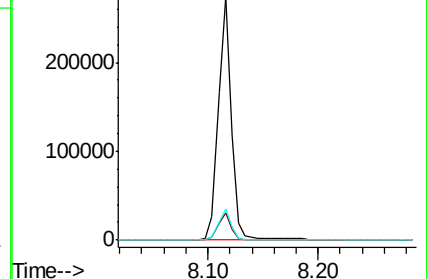
127 12.7 11.3 16.9

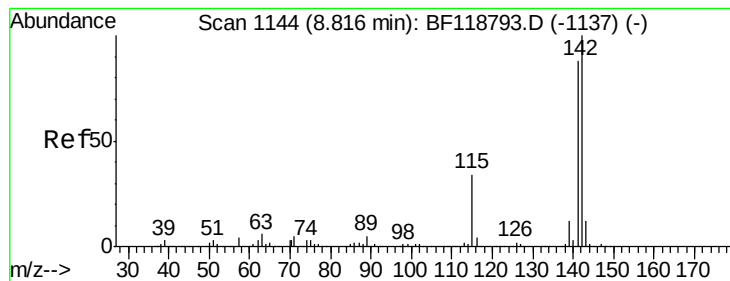


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

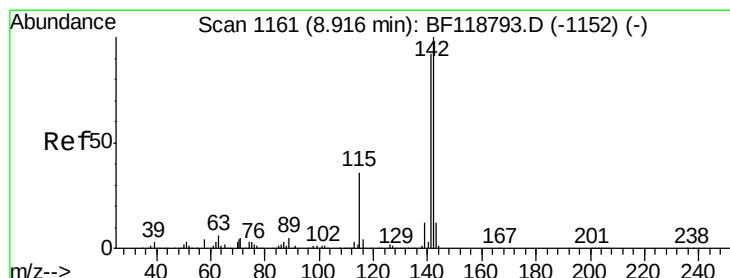
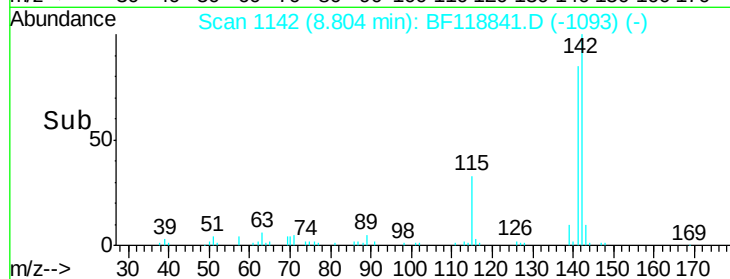
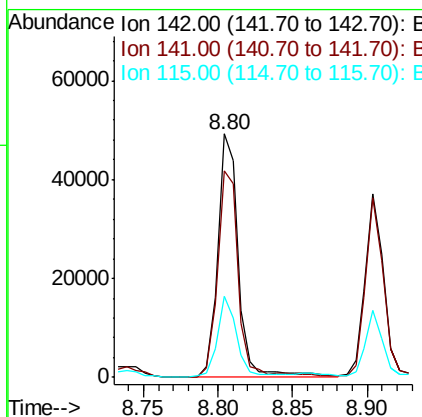
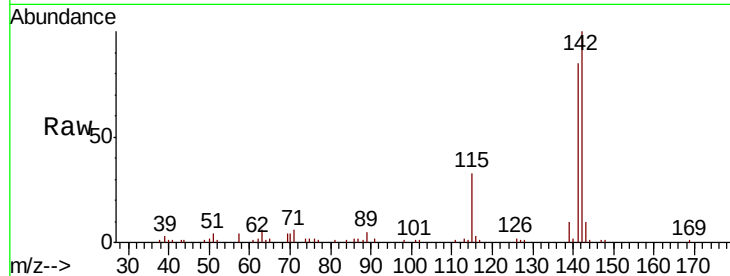




#37
 2-Methylnaphthalene
 Concen: 2.020 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF118841.D
 Acq: 6 Feb 2020 17:09

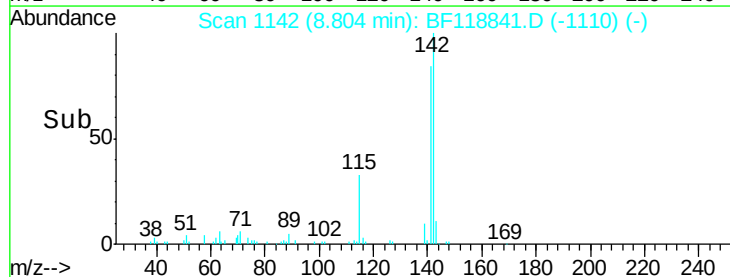
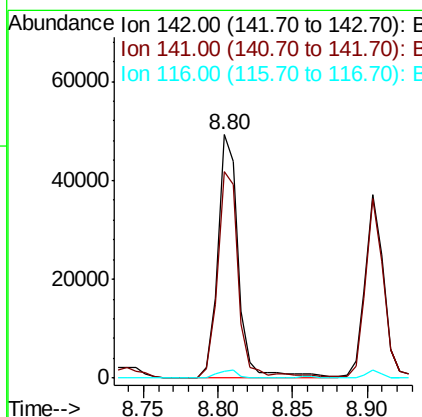
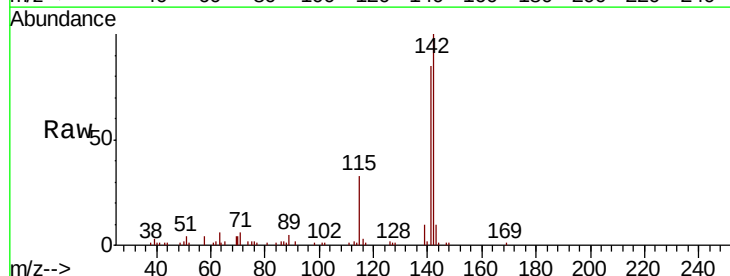
Instrument :
 BNA_F
 ClientSampleId :

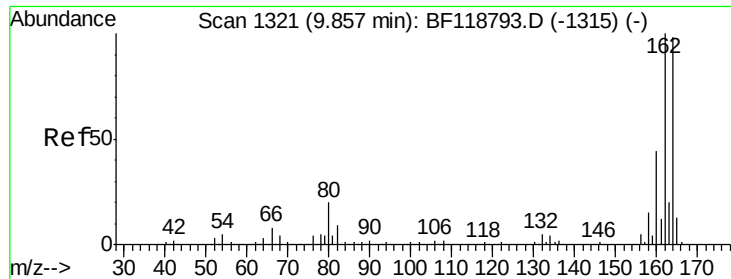
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.8	70.1	105.1
115	33.4	27.3	40.9



#38
 1-Methylnaphthalene
 Concen: 2.148 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.11 min
 Lab File: BF118841.D
 Acq: 6 Feb 2020 17:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.8	73.8	110.6
116	3.0	3.0	4.4

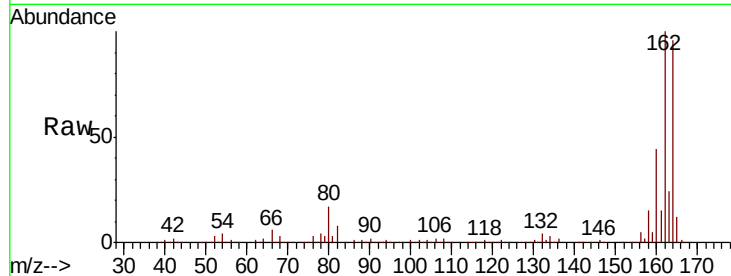




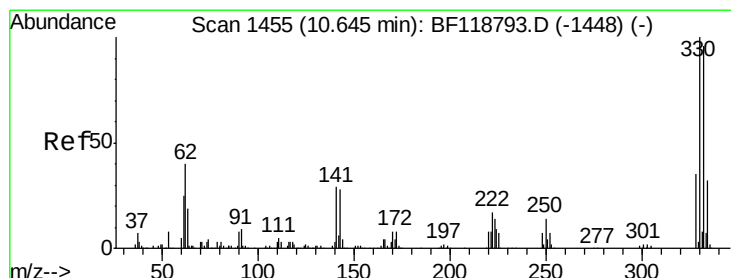
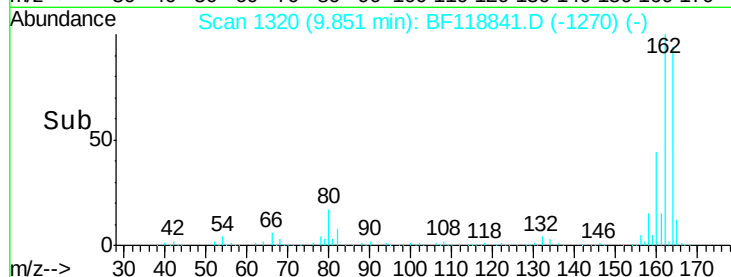
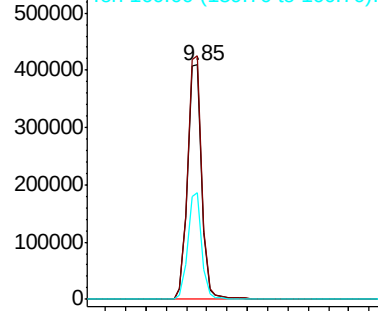
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 403778
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.2
160 45.3 35.6 53.4

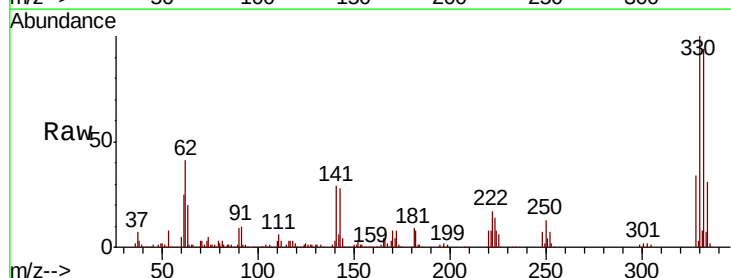


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

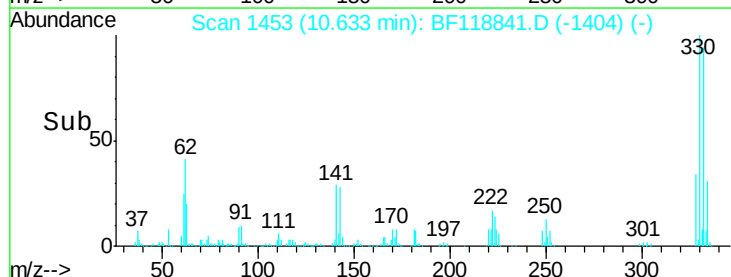
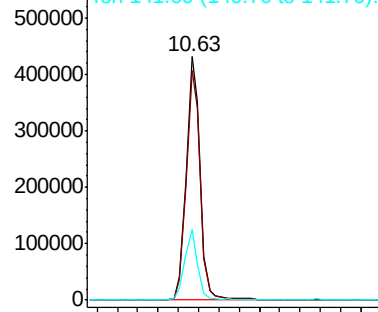


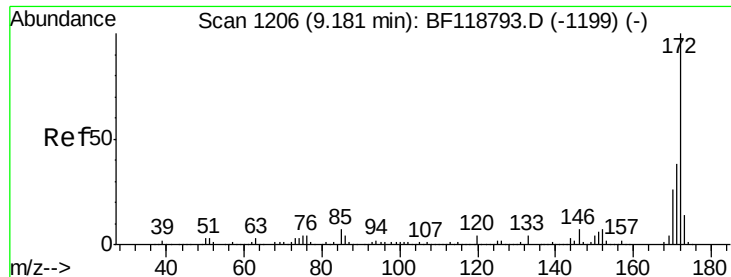
#42
2,4,6-Tribromophenol
Concen: 85.408 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

Tgt Ion:330 Resp: 412634
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 27.0 22.4 33.6



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



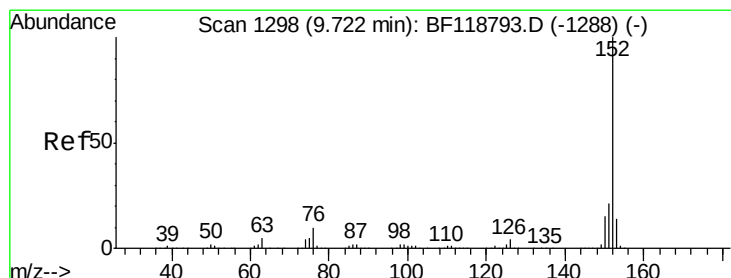
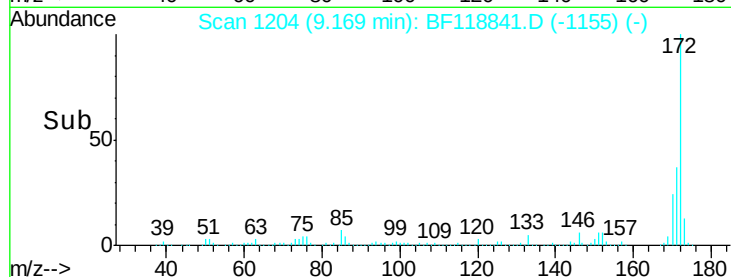
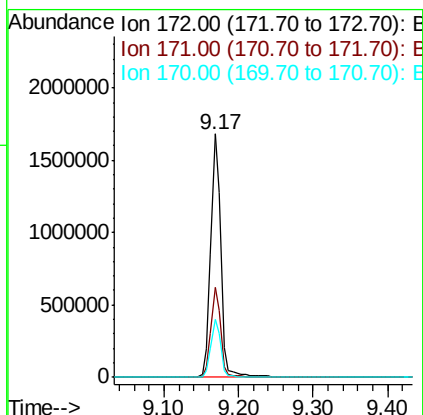
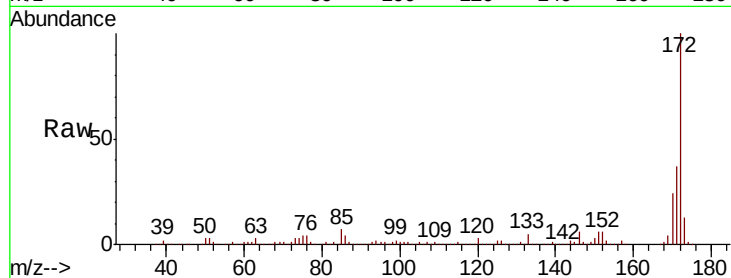


#45
 2-Fluorobiphenyl
 Concen: 70.442 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118841.D
 Acq: 6 Feb 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1591032

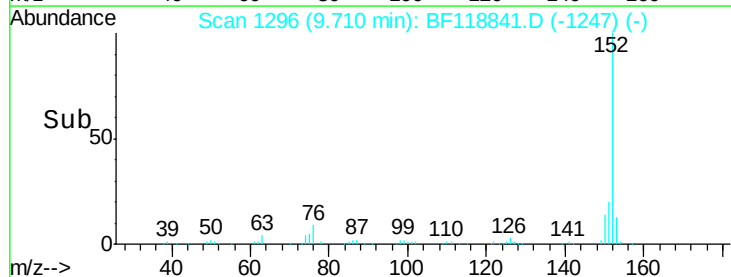
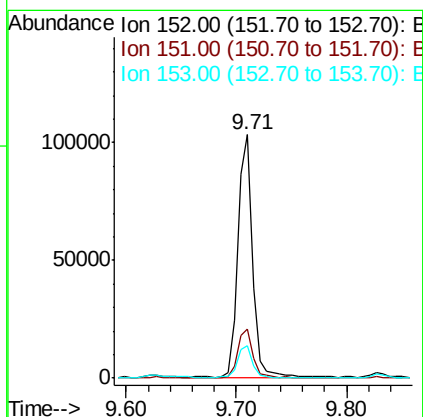
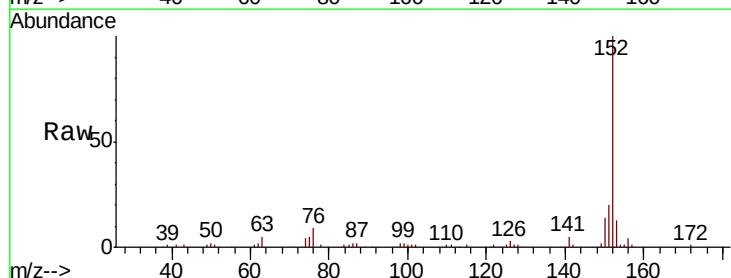
Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	24.0	20.5	30.7

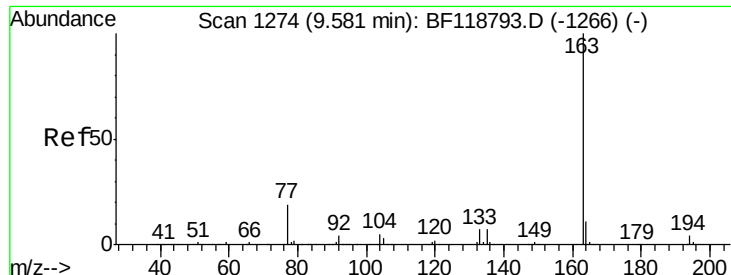


#49
 Acenaphthylene
 Concen: 2.831 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF118841.D
 Acq: 6 Feb 2020 17:09

Tgt Ion:152 Resp: 94927

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.1	25.7
153	13.3	11.0	16.4

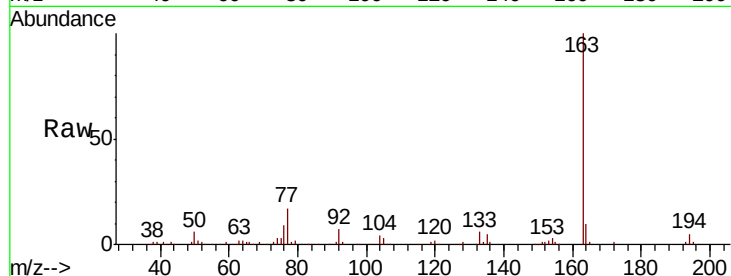




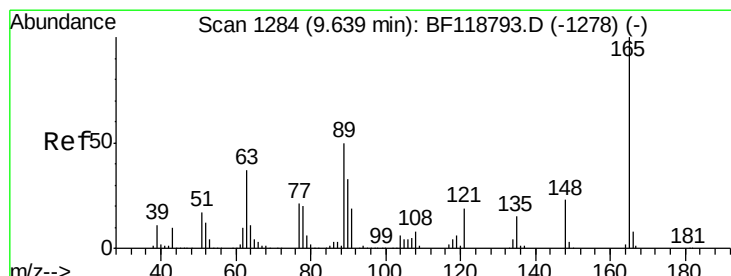
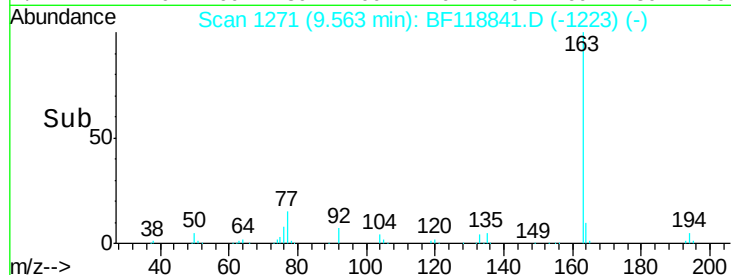
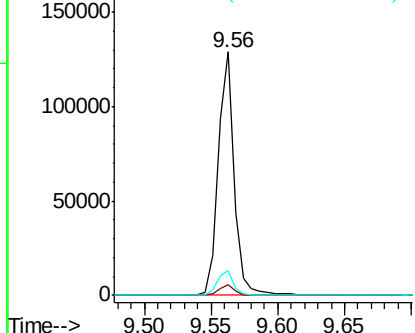
#50
Dimethylphthalate
Concen: 3.982 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 109477
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 10.2 8.7 13.1

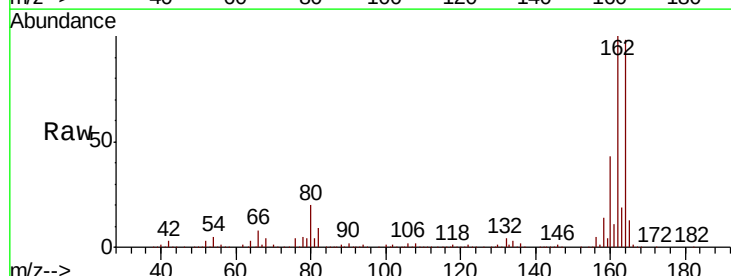


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

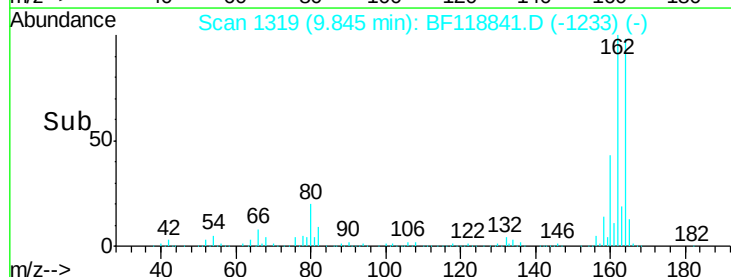
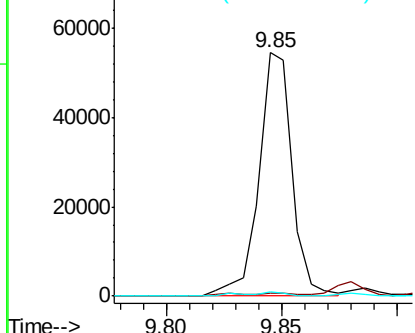


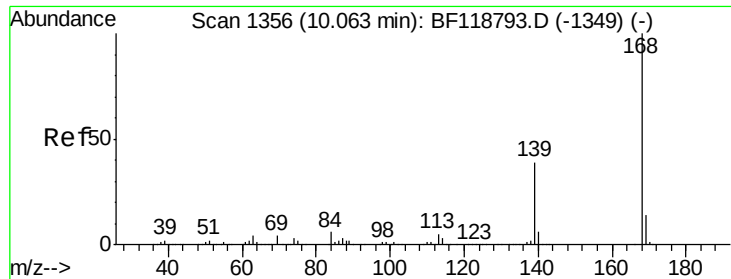
#51
2,6-Dinitrotoluene
Concen: 8.663 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

Tgt Ion:165 Resp: 54497
Ion Ratio Lower Upper
165 100
63 1.1 37.4 56.0#
89 1.7 39.7 59.5#



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

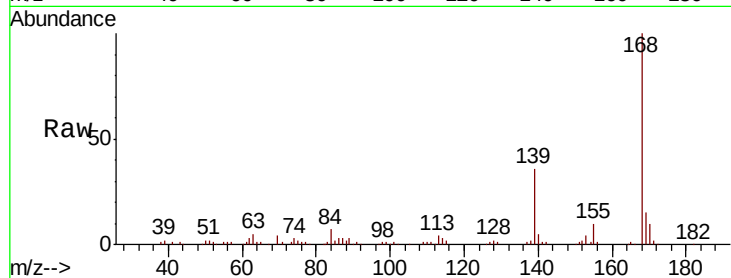




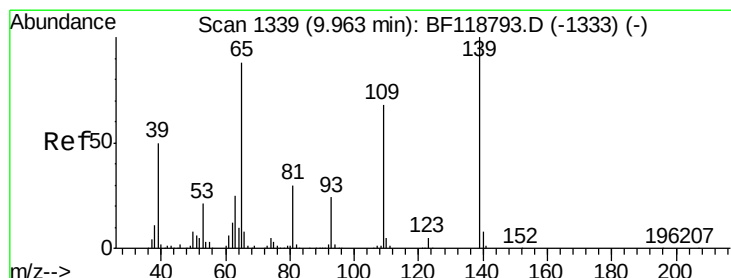
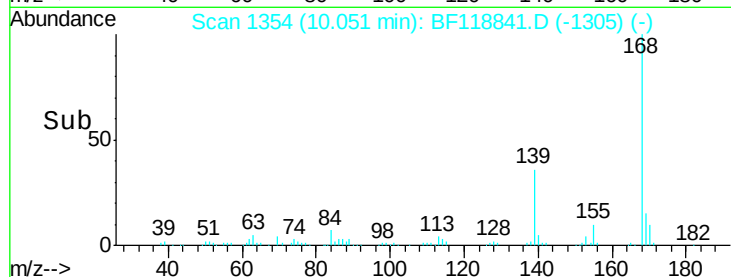
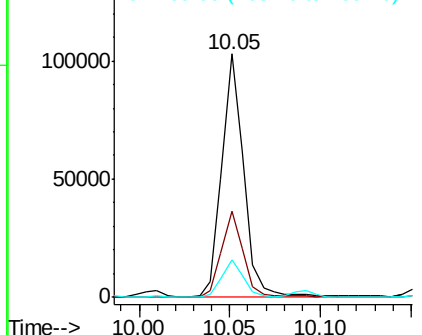
#55
Dibenzofuran
Concen: 2.744 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 87604
Ion Ratio Lower Upper
168 100
139 35.5 31.6 47.4
169 15.3 11.4 17.2

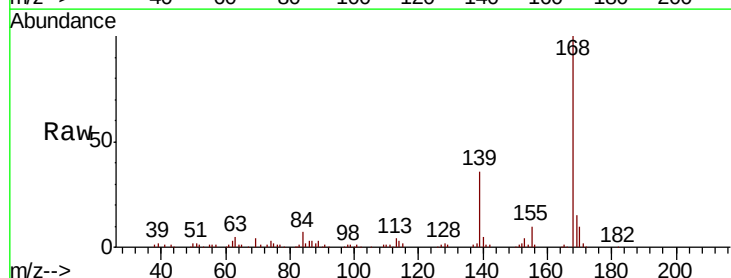


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

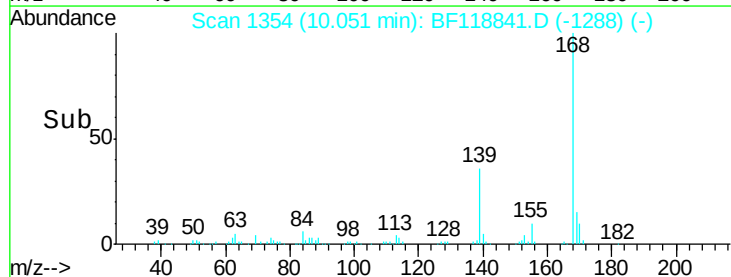
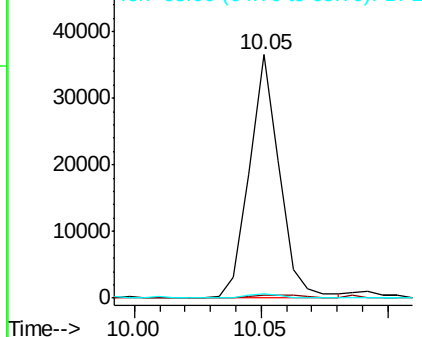


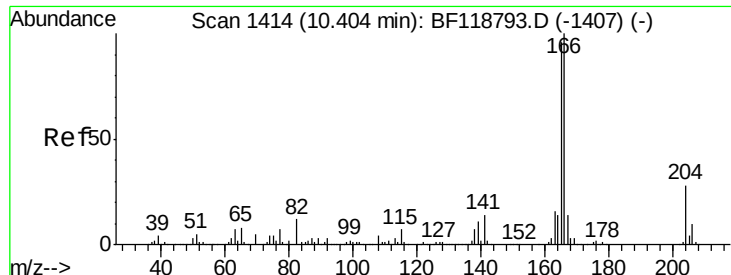
#56
4-Nitrophenol
Concen: 6.035 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.09 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

Tgt Ion:139 Resp: 30472
Ion Ratio Lower Upper
139 100
109 1.5 48.0 88.0#
65 2.0 68.3 108.3#



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

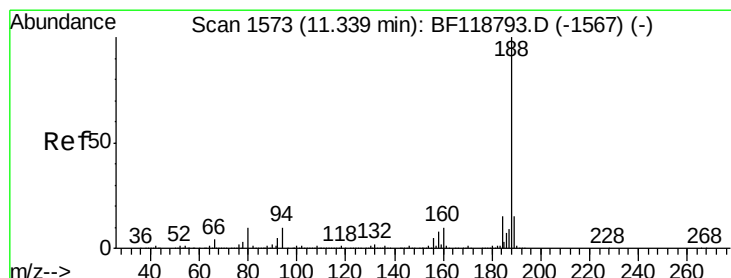
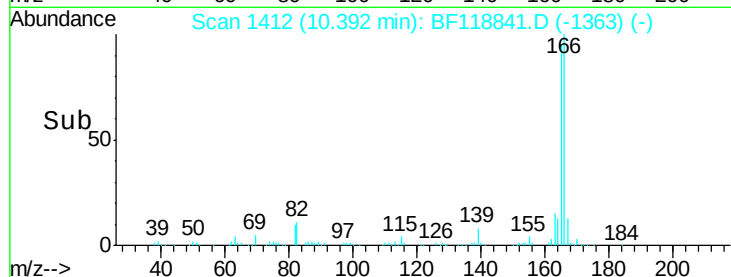
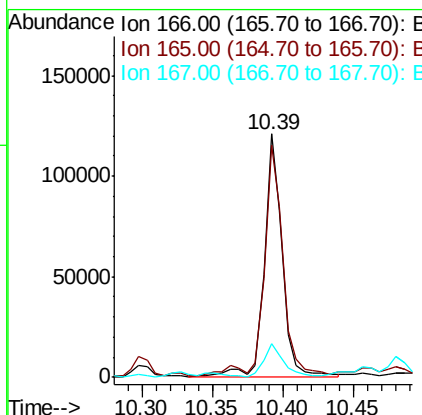
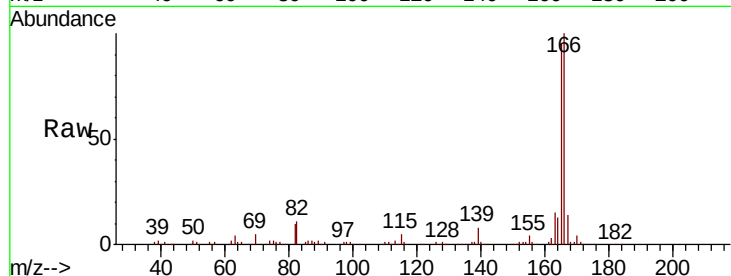




#58
 Fluorene
 Concen: 4.492 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF118841.D
 Acq: 6 Feb 2020 17:09

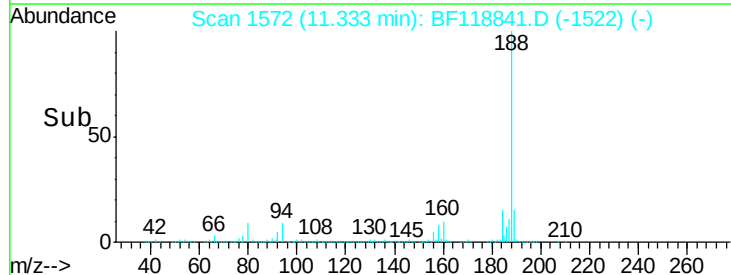
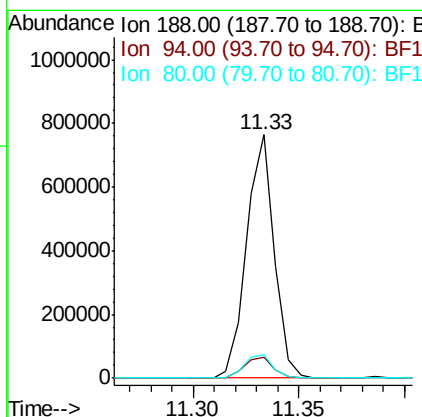
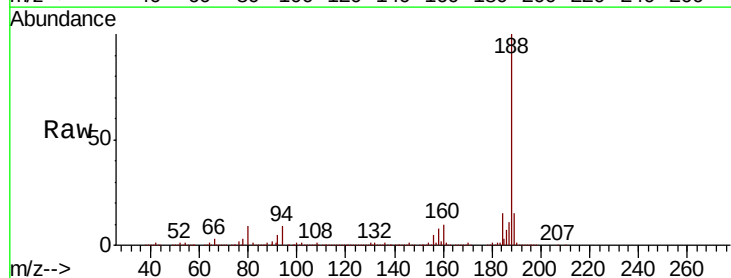
Instrument :
 BNA_F
 ClientSampleId :

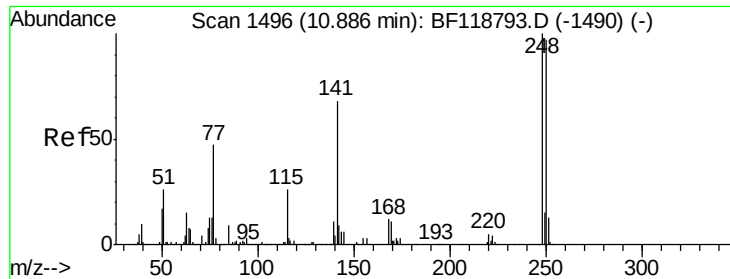
Tot Ion:166 Resp: 107892
 Ion Ratio Lower Upper
 166 100
 165 95.4 77.0 115.6
 167 13.9 11.1 16.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF118841.D
 Acq: 6 Feb 2020 17:09

Tgt Ion:188 Resp: 691840
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.9 11.9
 80 9.4 8.4 12.6

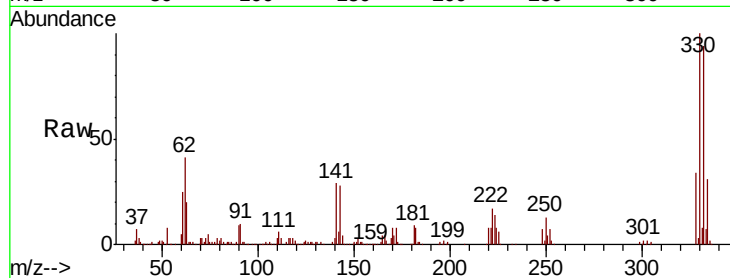




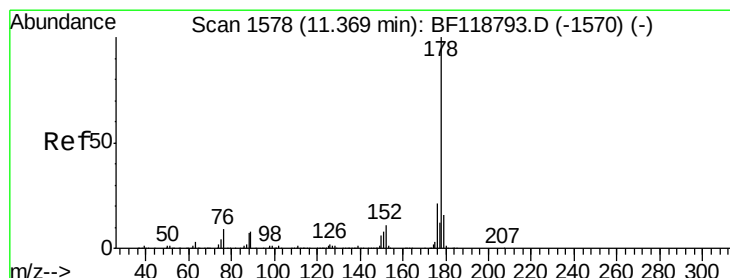
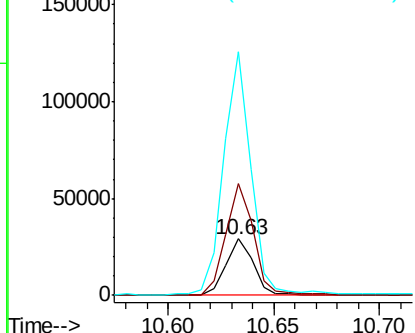
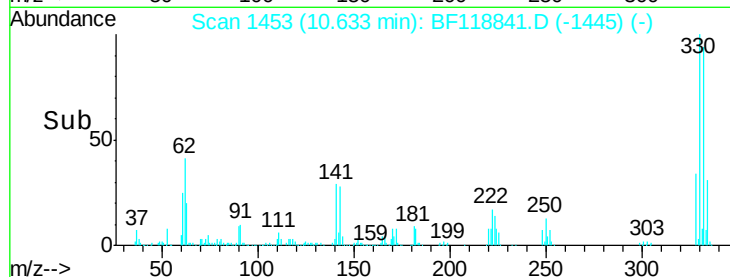
#67
 4-Bromophenyl-phenylether
 Concen: 3.152 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF118841.D
 Acq: 6 Feb 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 25798
 Ion Ratio Lower Upper
 248 100
 250 199.8 77.6 116.4#
 141 432.7 54.4 81.6#

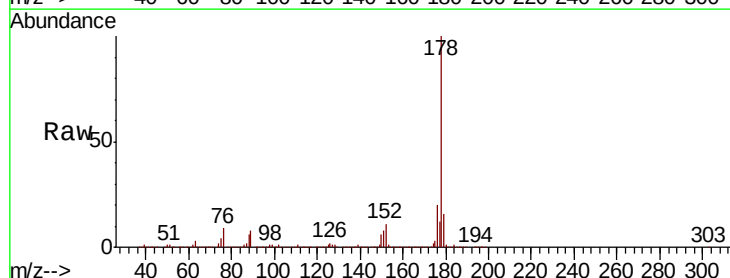


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

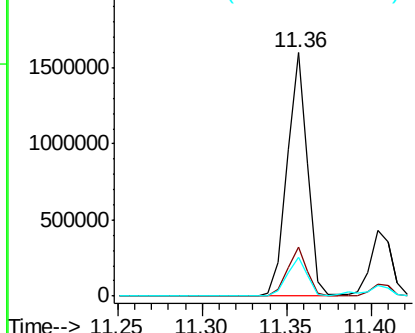
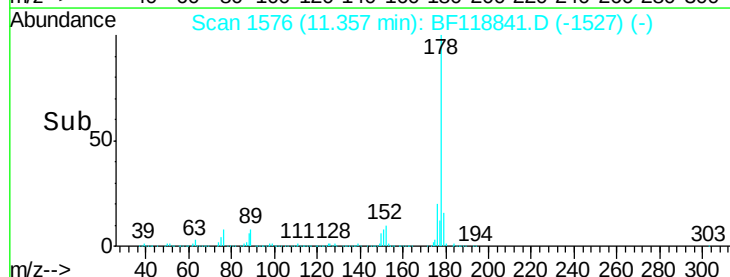


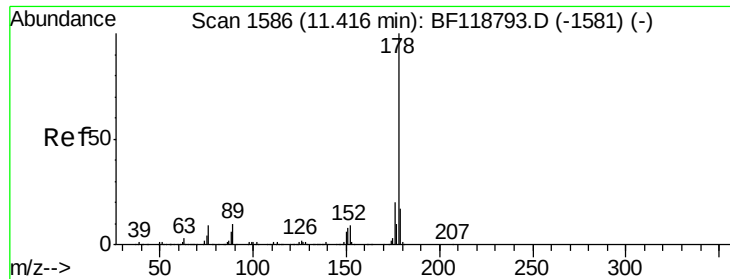
#71
 Phenanthrene
 Concen: 39.379 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF118841.D
 Acq: 6 Feb 2020 17:09

Tgt Ion:178 Resp: 1340450
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 24.8
 179 16.0 13.2 19.8



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: 10.882 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

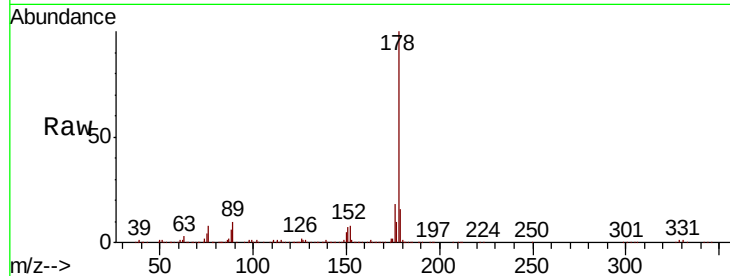
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 368517

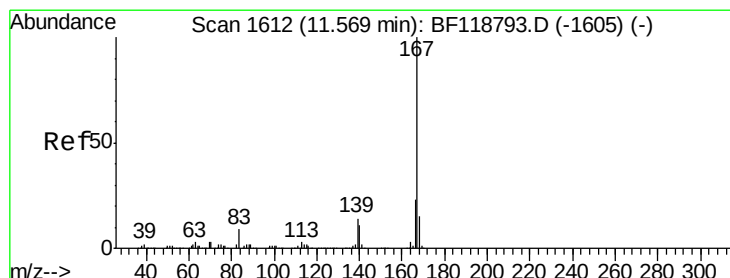
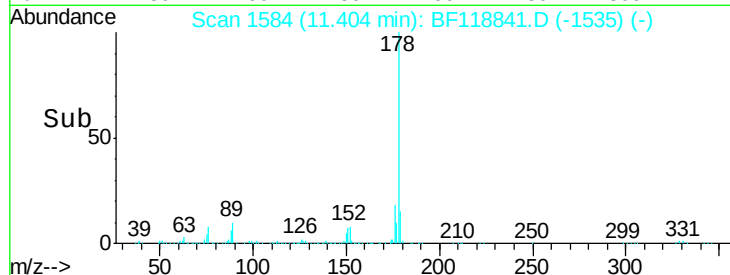
Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.2
179	15.5	13.4	20.2



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: 3.991 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

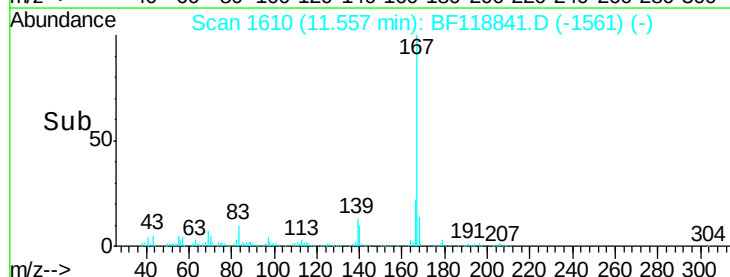
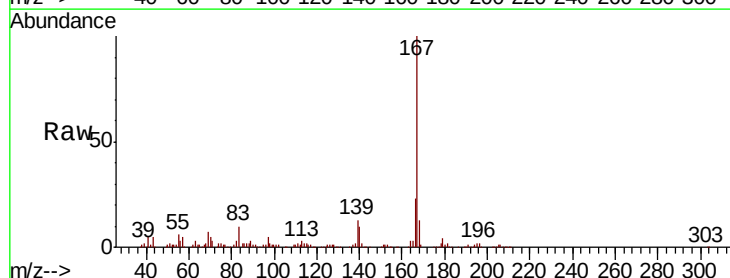
Tgt Ion:167 Resp: 118613

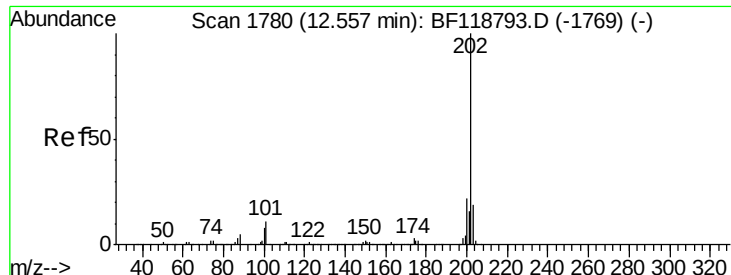
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.4	27.6
139	12.8	11.1	16.7

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: 57.192 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

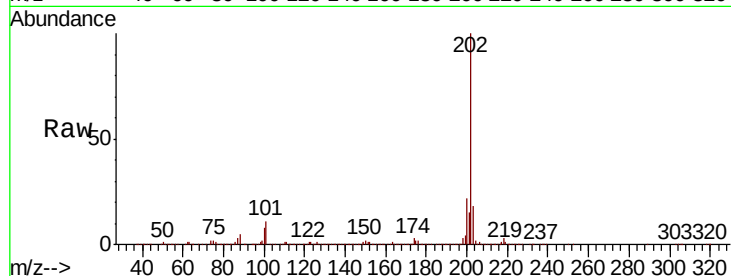
Tot Ion:202 Resp: 2125559

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.0

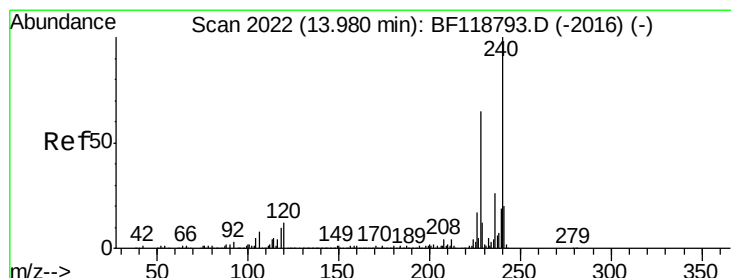
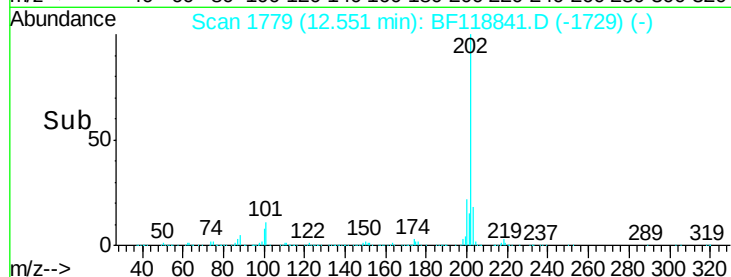
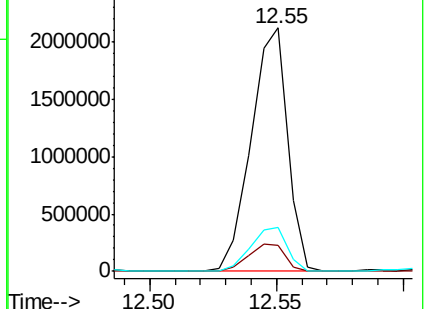
203 18.2 0.0 38.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

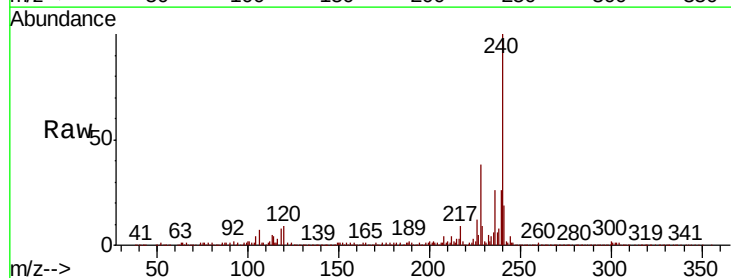
Tgt Ion:240 Resp: 531444

Ion Ratio Lower Upper

240 100

120 9.0 9.4 14.0#

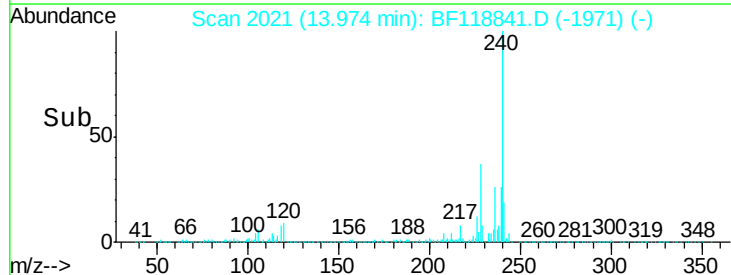
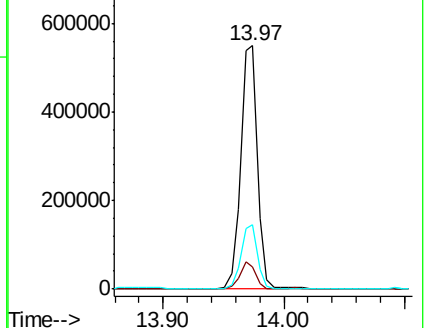
236 26.3 21.0 31.6

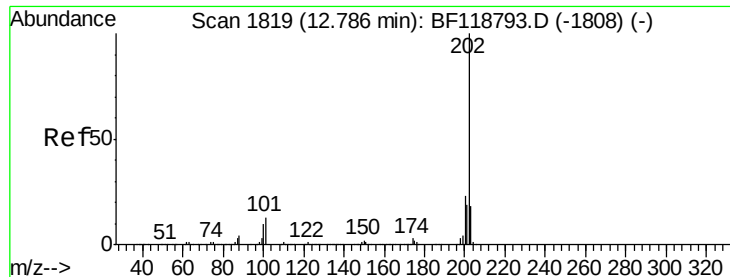


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 59.943 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

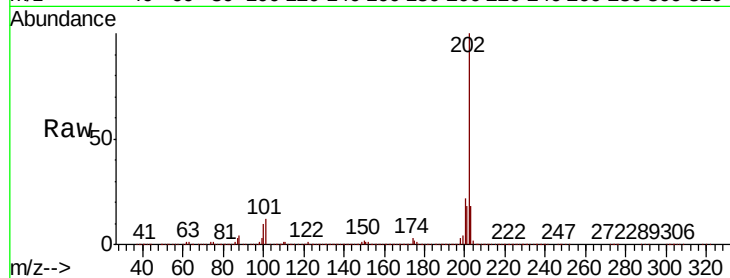
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 2185412

Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.2	27.2
203	18.5	14.8	22.2

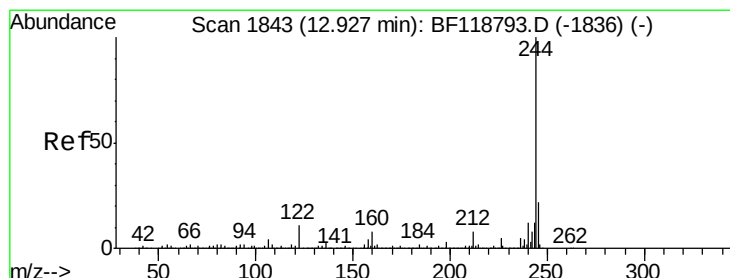
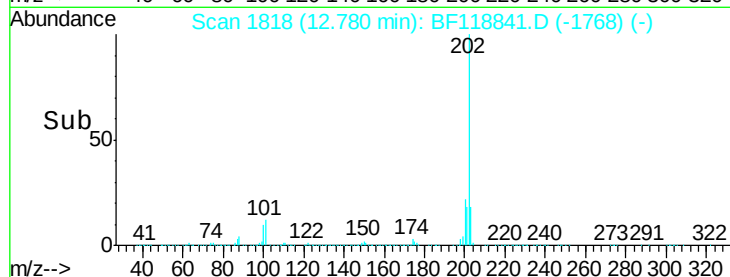
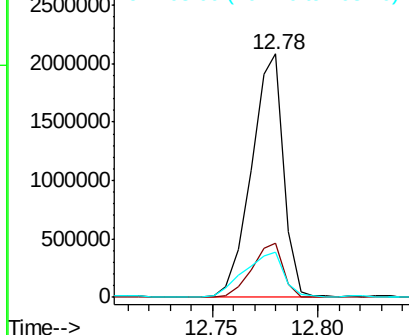


Abundance

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: 63.821 ng

RT: 12.92 min Scan# 1841

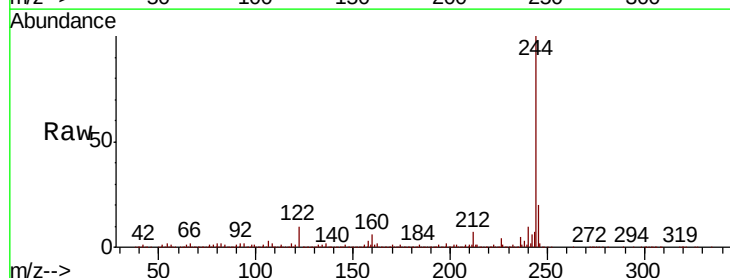
Delta R.T. -0.01 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

Tgt Ion:244 Resp: 1651253

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	9.9	8.9	13.3

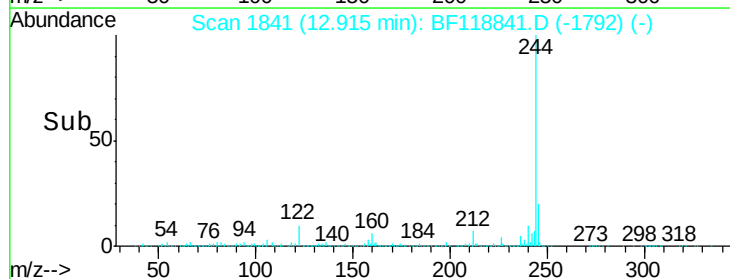
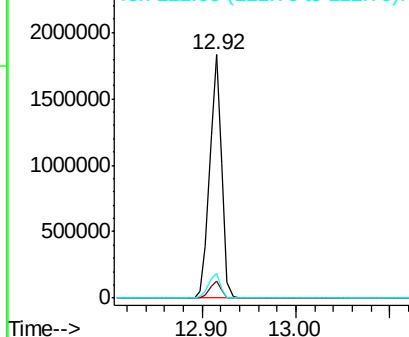


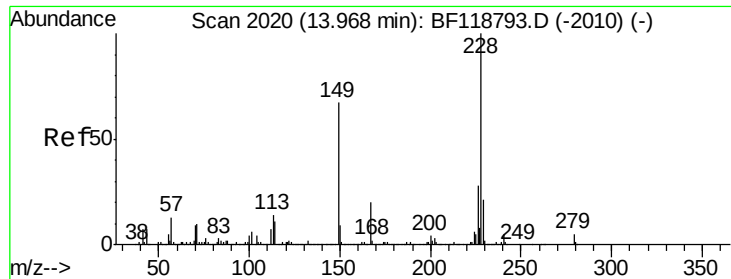
Abundance

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

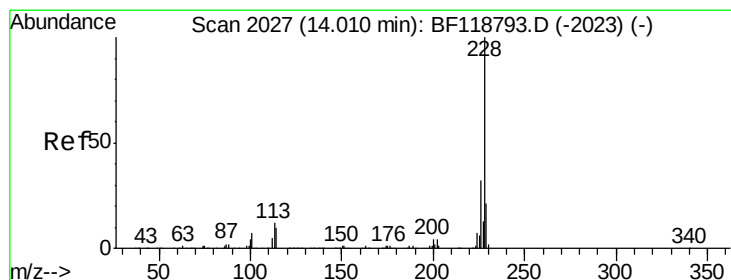
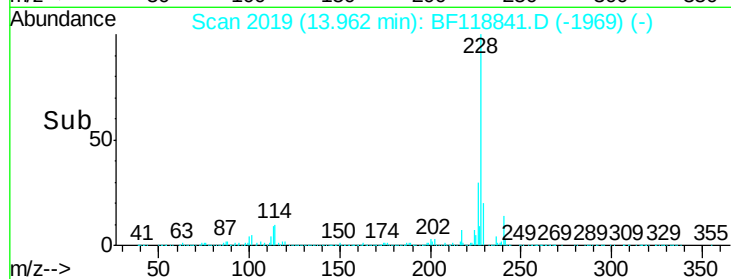
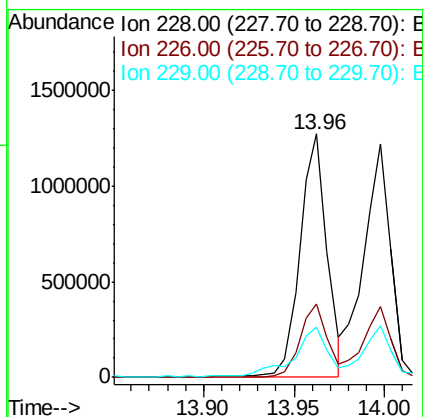
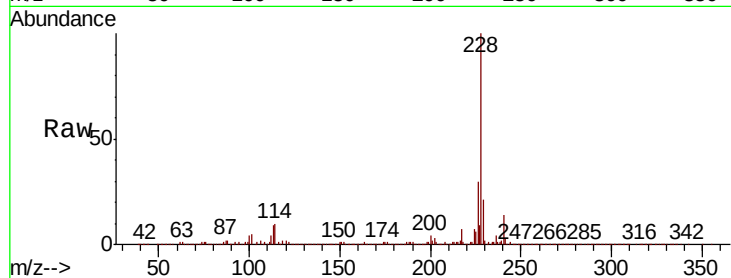




#81
Benzo(a)anthracene
Concen: 41.789 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

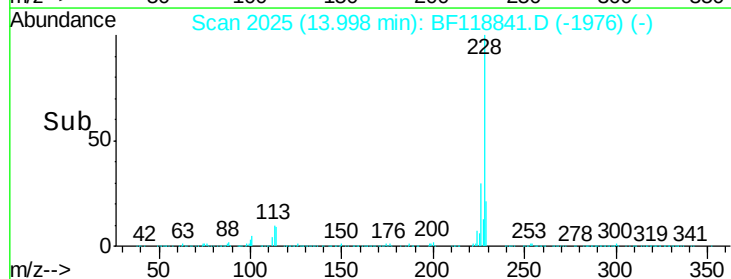
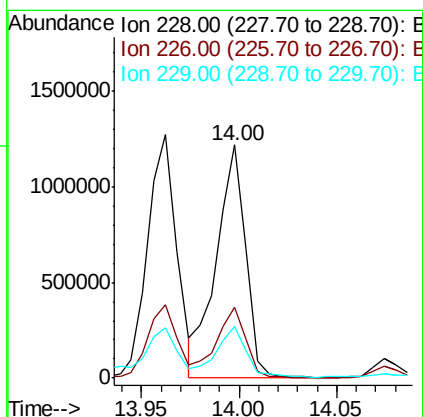
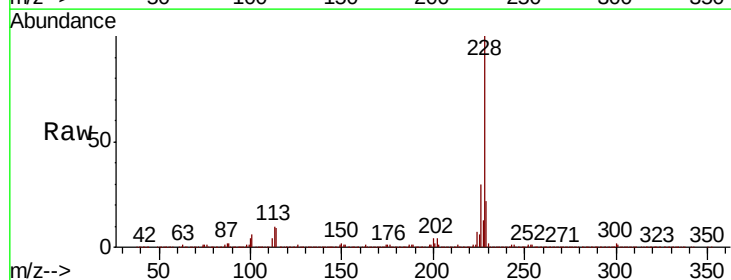
Instrument :
BNA_F
ClientSampleId :

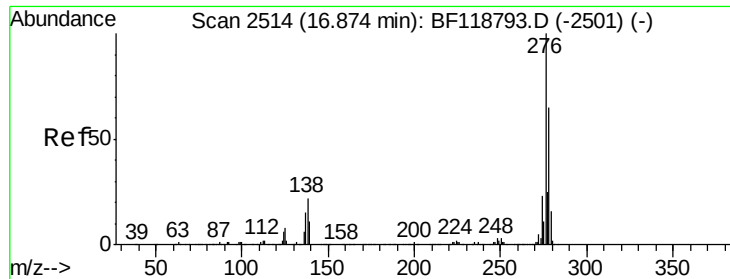
Tot Ion:228 Resp: 1321539
Ion Ratio Lower Upper
228 100
226 30.3 22.7 34.1
229 20.7 16.6 25.0



#83
Chrysene
Concen: 39.876 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

Tgt Ion:228 Resp: 1265660
Ion Ratio Lower Upper
228 100
226 30.3 25.4 38.0
229 22.1 16.9 25.3

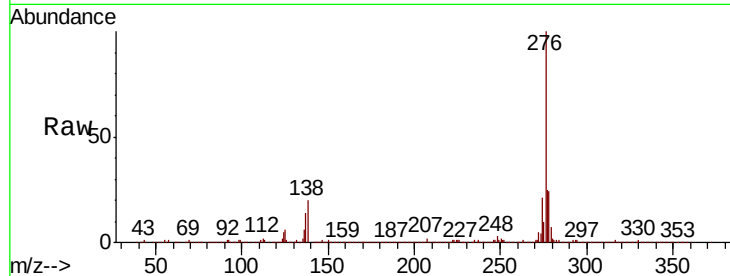




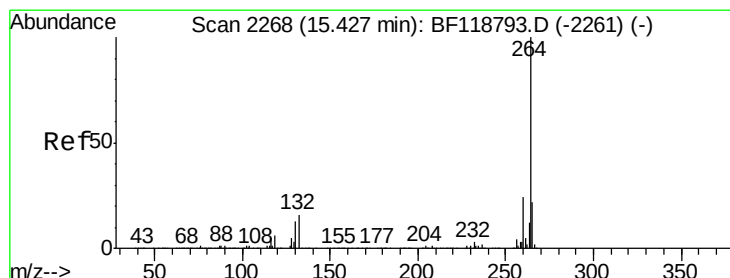
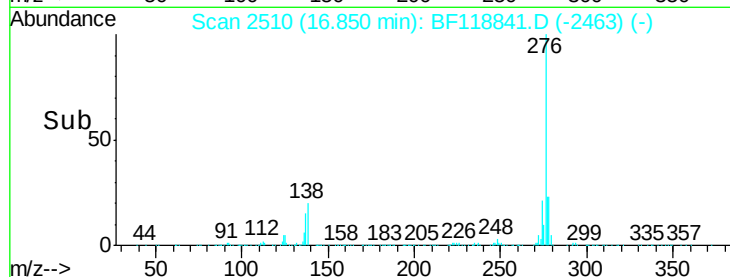
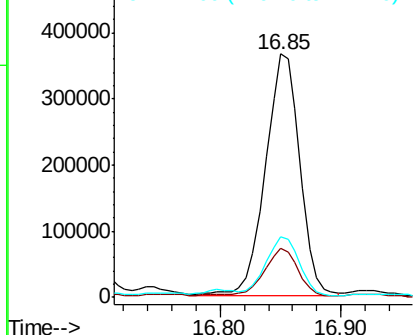
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 22.766 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BF118841.D
 Acq: 6 Feb 2020 17:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.3	27.5
277	23.9	20.2	30.4

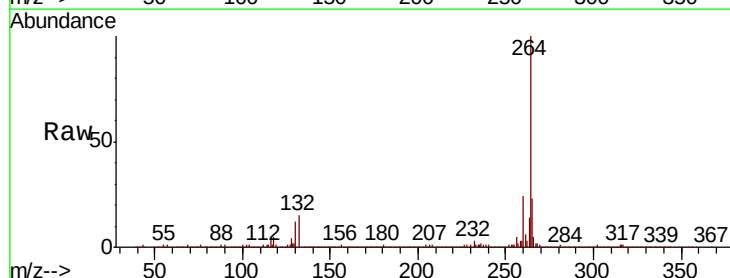


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

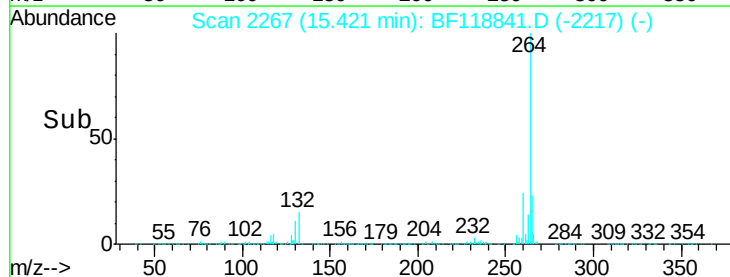
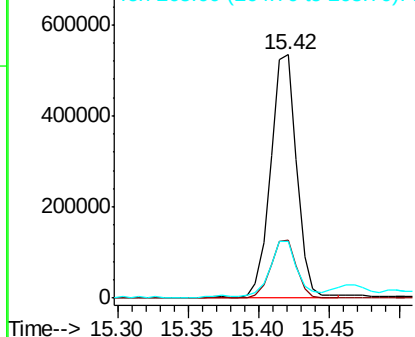


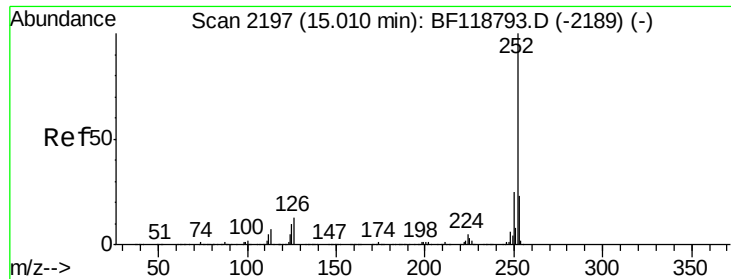
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF118841.D
 Acq: 6 Feb 2020 17:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	23.4	17.2	25.8



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

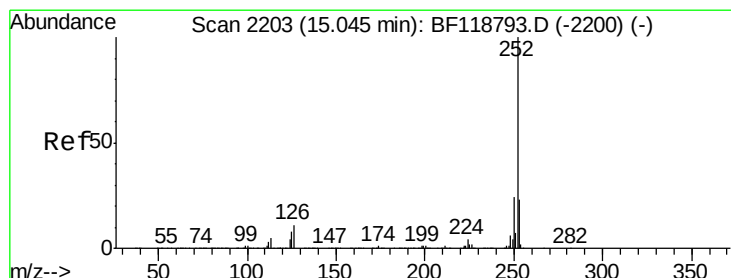
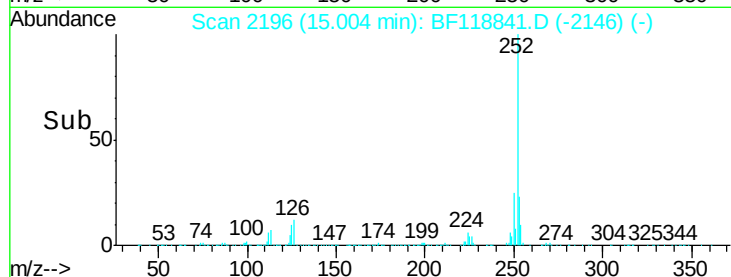
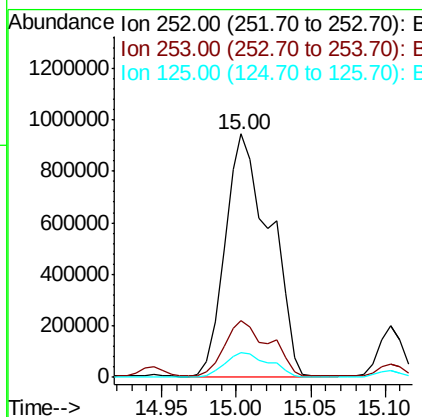
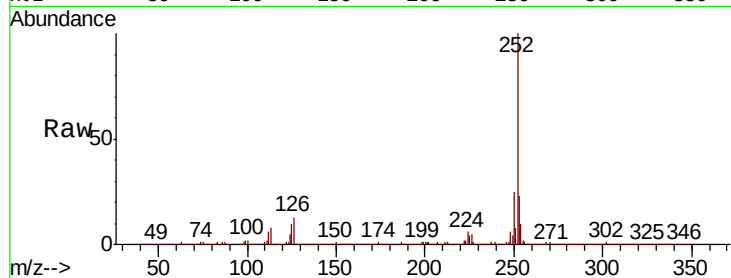




#88
Benzo(b)fluoranthene
Concen: 45.617 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

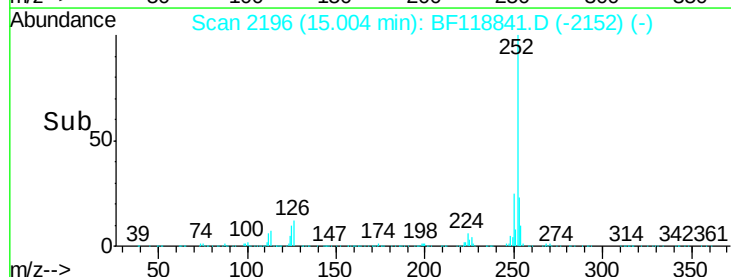
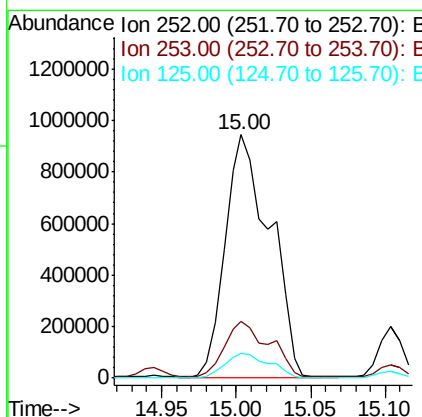
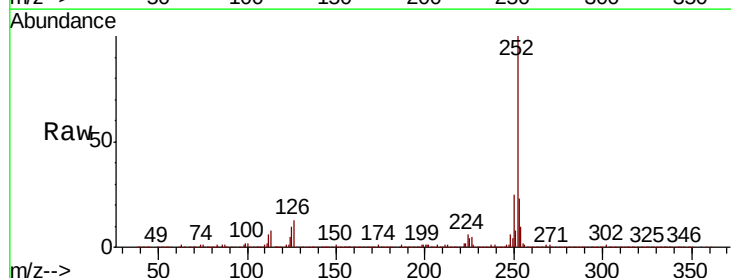
Instrument :
BNA_F
ClientSampleId :

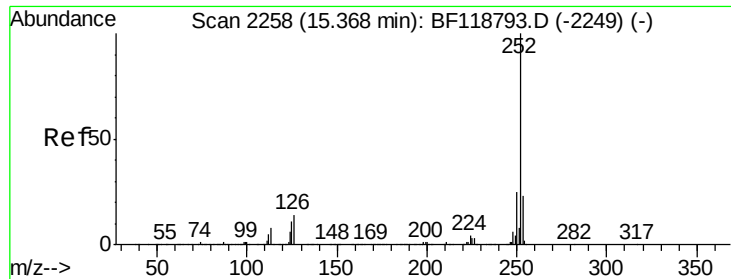
Tot Ion:252 Resp: 1962620
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 10.2 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 52.385 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF118841.D
Acq: 6 Feb 2020 17:09

Tgt Ion:252 Resp: 1962620
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 10.2 7.0 10.6





#90

Benzo(a)pyrene

Concen: 31.517 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

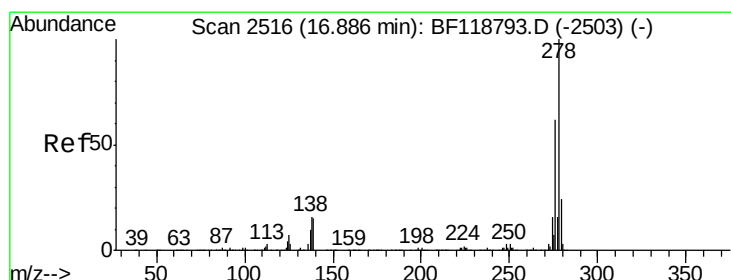
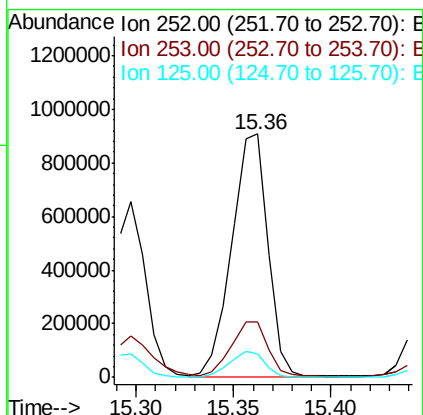
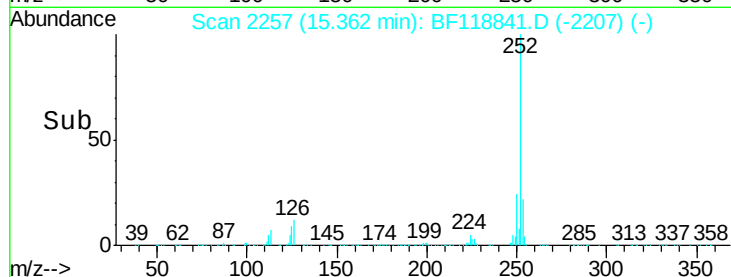
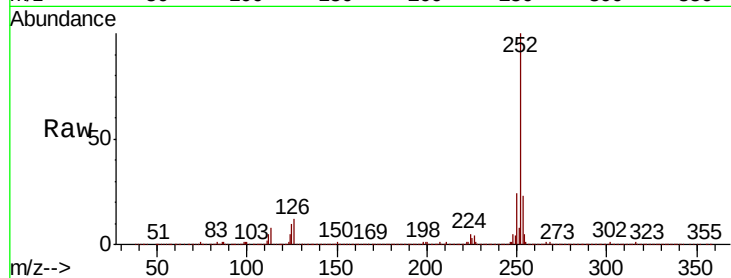
Tot Ion:252 Resp: 1160474

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

125 9.6 8.7 13.1



#91

Dibenzo(a,h)anthracene

Concen: 5.812 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.03 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

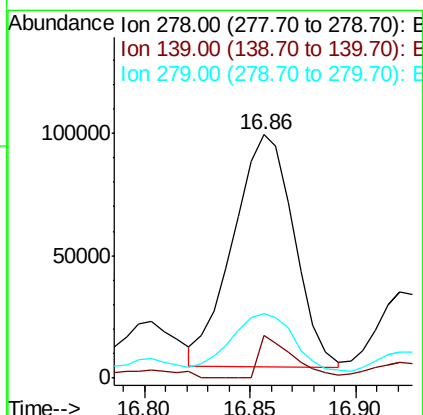
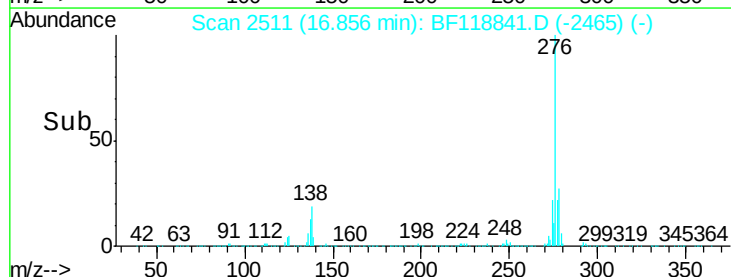
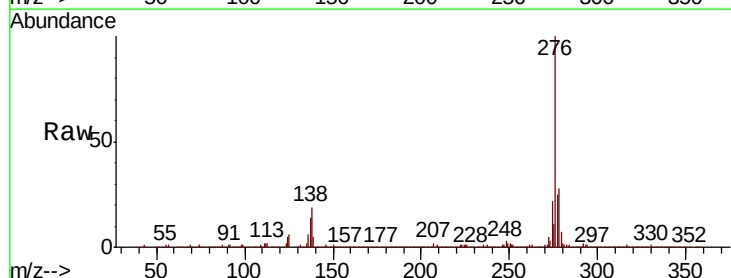
Tgt Ion:278 Resp: 189967

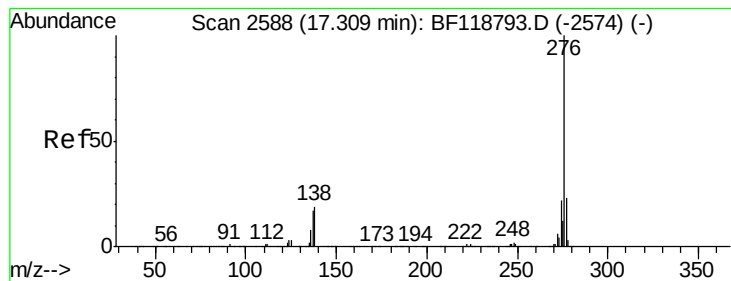
Ion Ratio Lower Upper

278 100

139 17.4 12.3 18.5

279 26.6 19.1 28.7





#92

Benzo(a,h,i)perylene

Concen: 22.440 ng

RT: 17.29 min Scan# 2584

Delta R.T. -0.02 min

Lab File: BF118841.D

Acq: 6 Feb 2020 17:09

Instrument :

BNA_F

ClientSampleId :

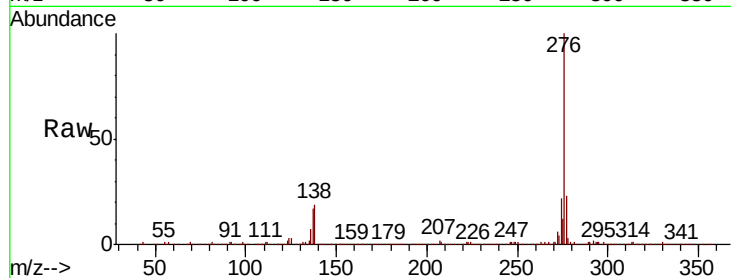
Tot Ion:276 Resp: 705419

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 19.4 15.4 23.2



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

