

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118294.D
 Acq On : 19 Dec 2019 22:12
 Operator : JU
 Sample : K6325-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:15:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	101522	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	404533	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	219873	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	409714	20.00	ng	0.00
76) Chrysene-d12	14.05	240	278636	20.00	ng	-0.02
87) Perylene-d12	15.54	264	275369	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	506682	87.41	ng	0.00
7) Phenol-d6	6.49	99	780392	111.31	ng	0.00
23) Nitrobenzene-d5	7.42	82	470221	65.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	192183	71.95	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	922997	63.88	ng	-0.02
79) Terphenyl-d14	12.99	244	1122851	69.30	ng	-0.01

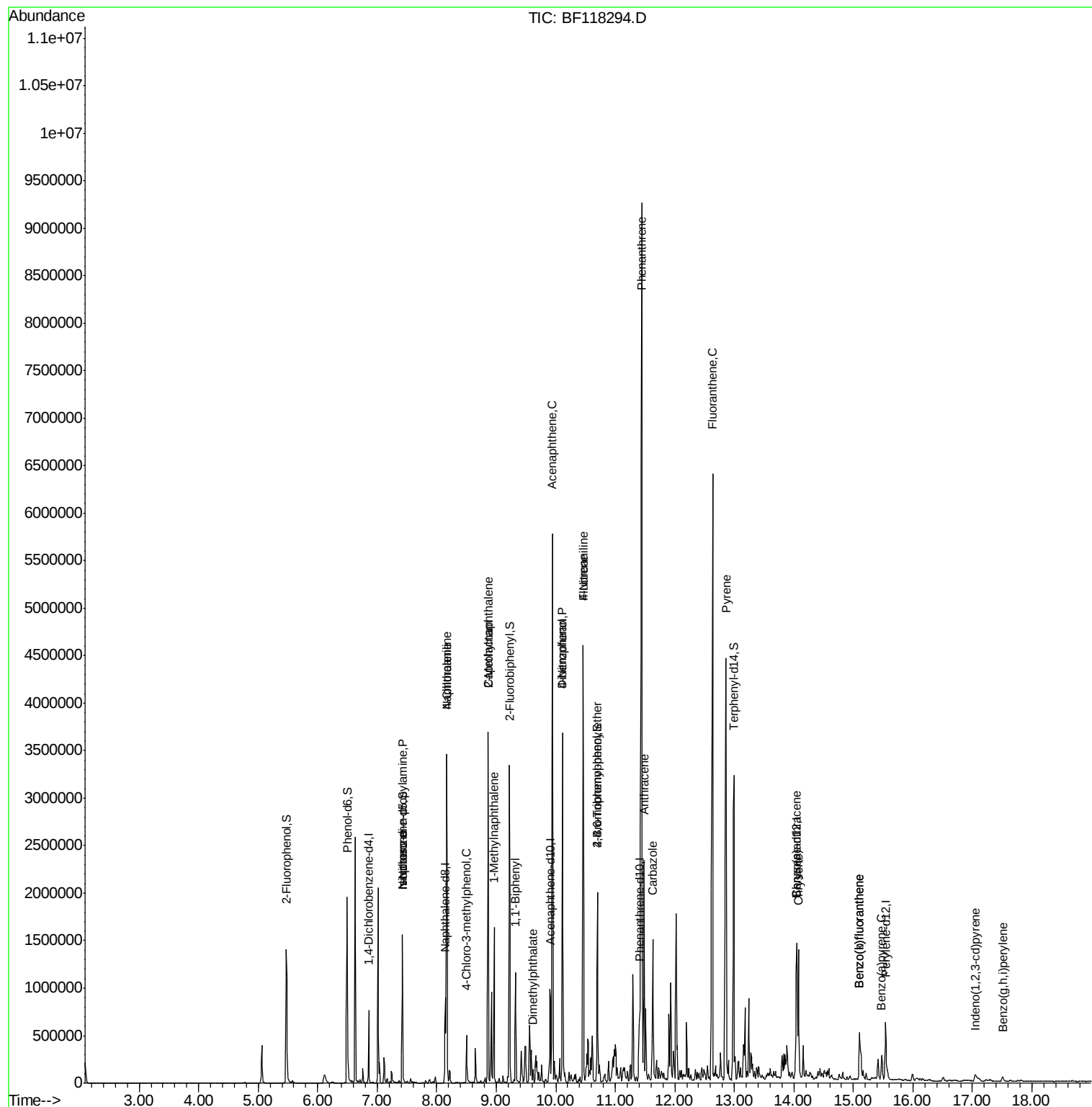
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	1397	Below Cal		# 10
19) n-Nitroso-di-n-propylamine	7.42	70	65067	15.273	ng	# 76
25) Isophorone	7.42	82	470217	38.575	ng	# 62
31) Naphthalene	8.17	128	1443456	71.048	ng	# 99
33) 4-Chloroaniline	8.17	127	195244	22.257	ng	# 36
35) Caprolactam	8.86	113	20625	11.390	ng	# 1
36) 4-Chloro-3-methylphenol	8.50	107	16863	2.729	ng	# 19
37) 2-Methylnaphthalene	8.86	142	927115	67.405	ng	99
38) 1-Methylnaphthalene	8.96	142	449522	34.807	ng	98
46) 1,1'-Biphenyl	9.32	154	336248	19.390	ng	99
50) Dimethylphthalate	9.62	163	51929	3.197	ng	99
52) Acenaphthene	9.95	154	1357376	108.089	ng	97
55) Dibenzofuran	10.12	168	1324685	71.991	ng	99
56) 4-Nitrophenol	10.12	139	550572	190.892	ng	# 9
58) Fluorene	10.46	166	1262236	86.318	ng	100
62) 4-Nitroaniline	10.46	138	15214	3.510	ng	# 20
67) 4-Bromophenyl-phenylether	10.70	248	12114	2.590	ng	# 1
71) Phenanthrene	11.45	178	4670066	214.421	ng	95
72) Anthracene	11.48	178	816044	37.559	ng	99
73) Carbazole	11.63	167	525344	26.949	ng	99
75) Fluoranthene	12.63	202	3030872	136.110	ng	96
78) Pyrene	12.86	202	2182540	99.397	ng	99
81) Benzo(a)anthracene	14.04	228	460634	23.908	ng	99
83) Chrysene	14.08	228	486836	26.453	ng	98
86) Indeno(1,2,3-cd)pyrene	17.05	276	55783	3.602	ng	96
88) Benzo(b)fluoranthene	15.10	252	370630	20.351	ng	99
89) Benzo(k)fluoranthene	15.10	252	370630	21.184	ng	97
90) Benzo(a)pyrene	15.47	252	137169	8.528	ng	97
92) Benzo(g,h,i)perylene	17.50	276	42596	3.213	ng	95

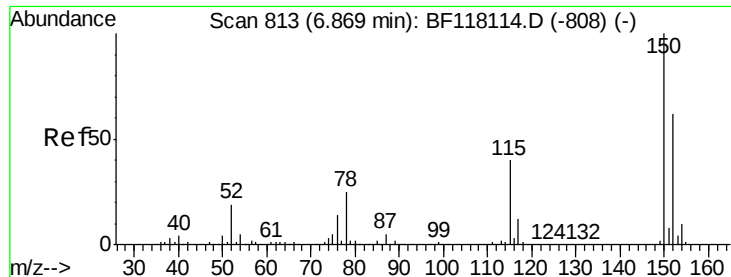
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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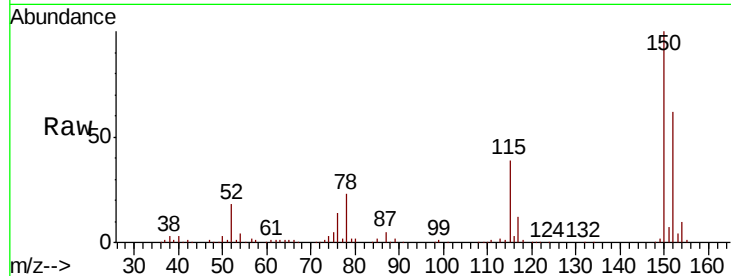


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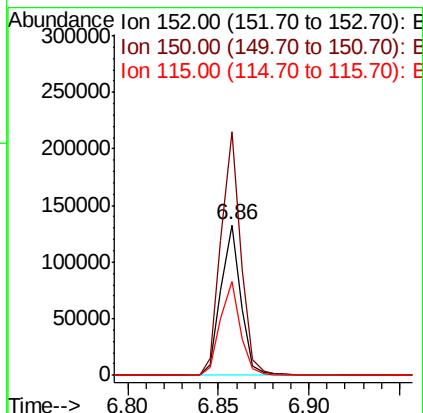
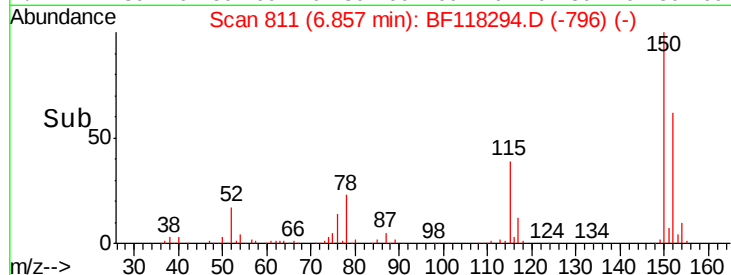
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101522
Ion Ratio Lower Upper
152 100
150 161.8 128.3 192.5
115 62.6 51.1 76.7



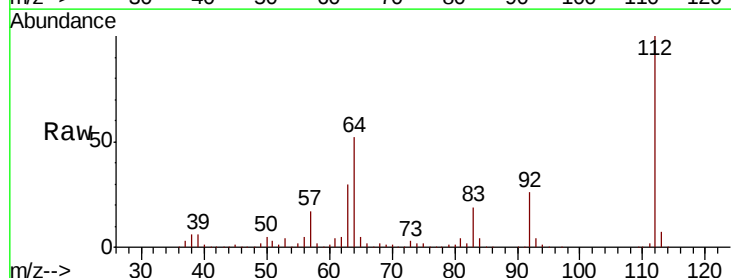
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



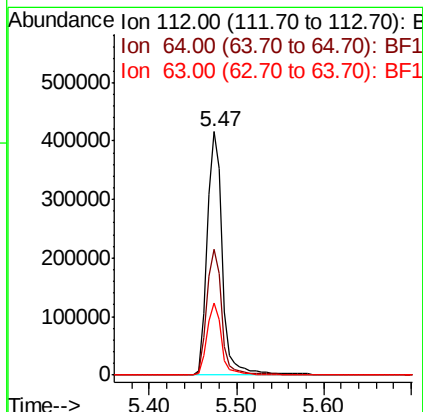
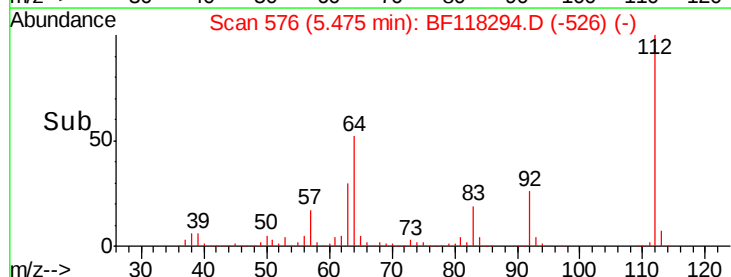
#5

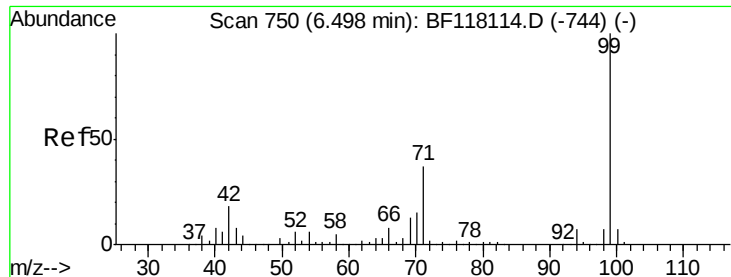
2-Fluorophenol
Concen: 87.413 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion:112 Resp: 506682
Ion Ratio Lower Upper
112 100
64 51.6 41.3 61.9
63 29.6 22.4 33.6



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: 111.311 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

Instrument :

BNA_F

ClientSampled :

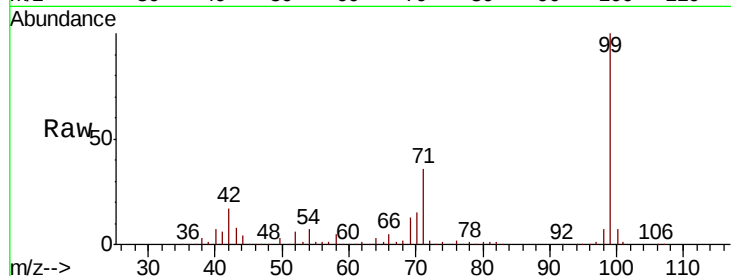
Tot Ion: 99 Resp: 780392

Ion Ratio Lower Upper

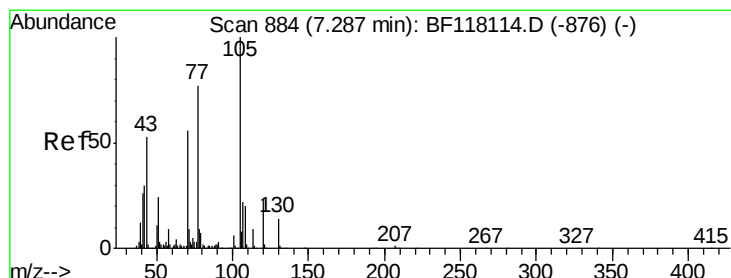
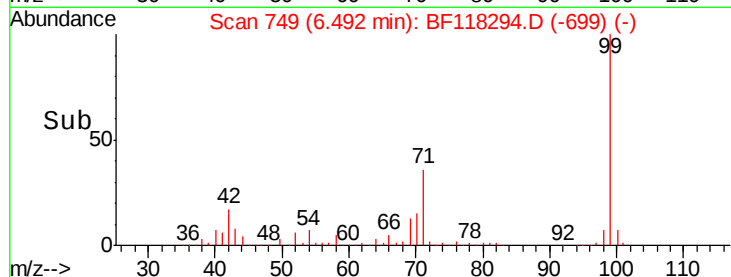
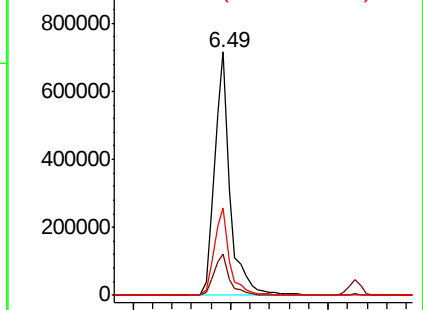
99 100

42 17.1 14.1 21.1

71 35.7 29.7 44.5



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: 15.273 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

Tgt Ion: 70 Resp: 65067

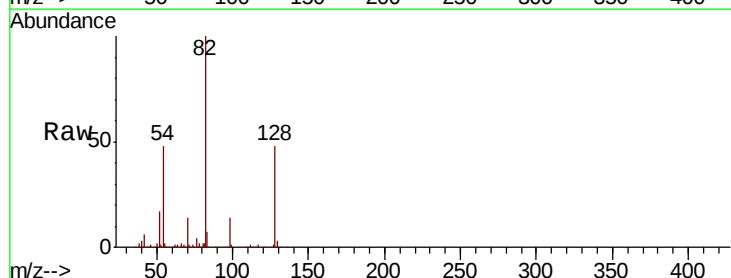
Ion Ratio Lower Upper

70 100

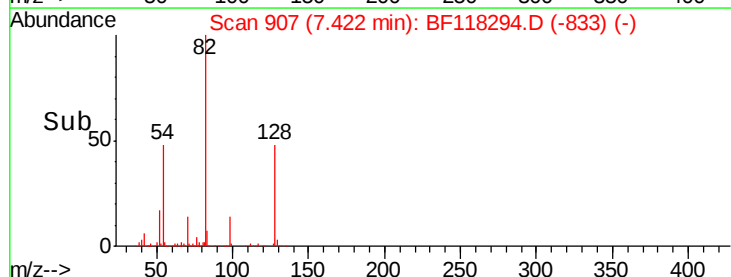
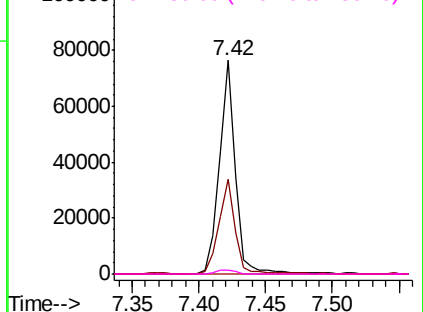
42 44.5 43.2 64.8

101 0.0 8.1 12.1#

130 1.9 19.8 29.8#



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

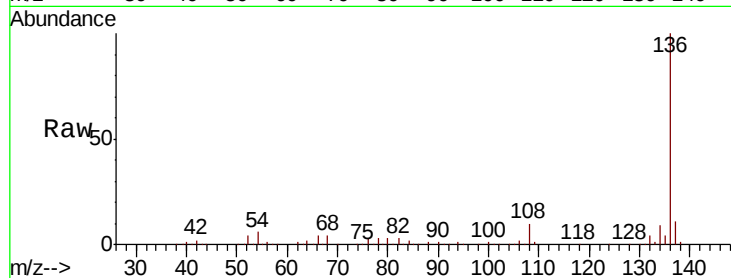




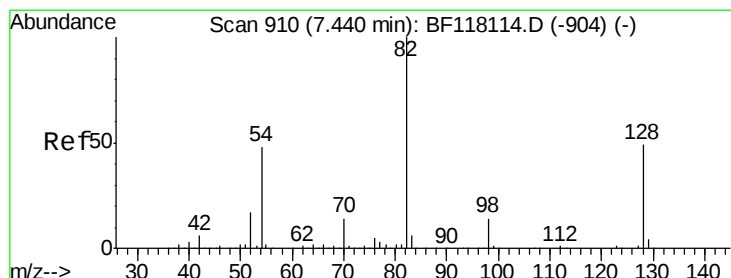
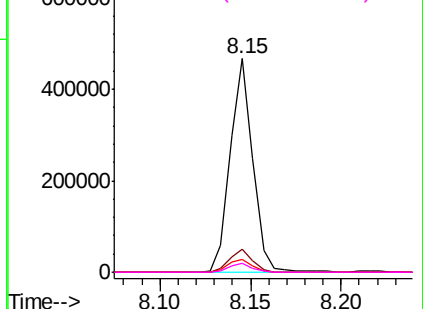
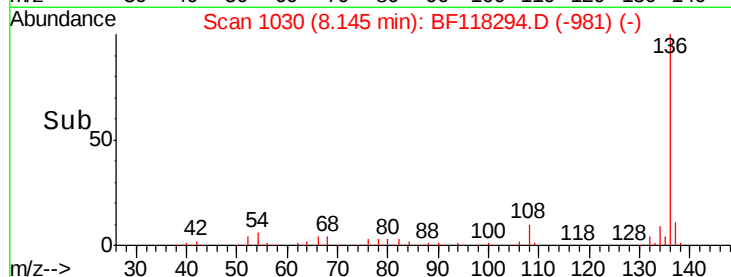
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	404533
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	6.2	5.0 7.6
68	4.3	3.8 5.8

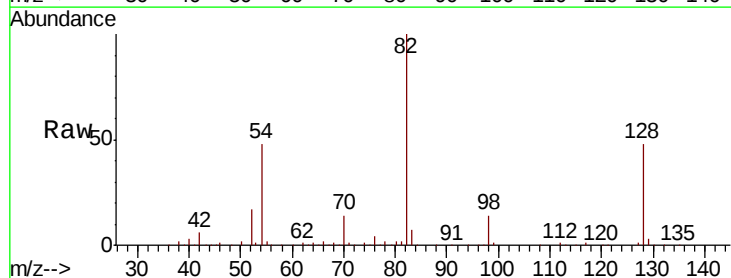


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

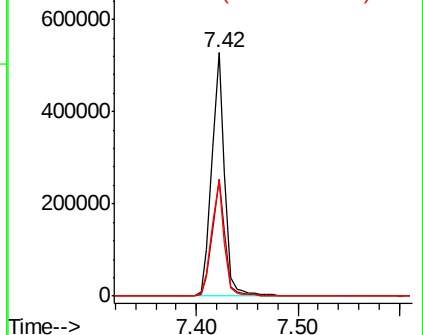
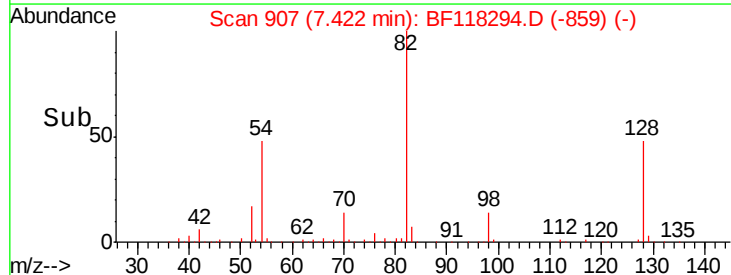


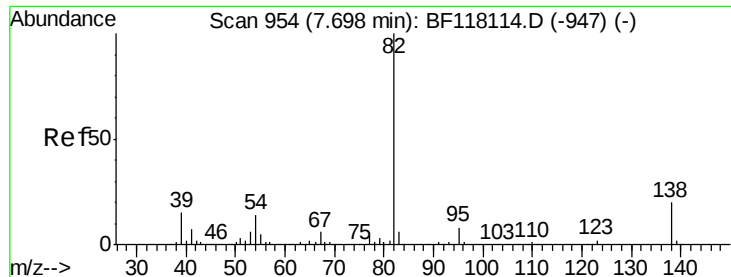
#23
Nitrobenzene-d5
Concen: 65.393 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion: 82	Resp:	470221
Ion Ratio	Lower	Upper
82	100	
128	48.2	39.1 58.7
54	47.5	38.2 57.2



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

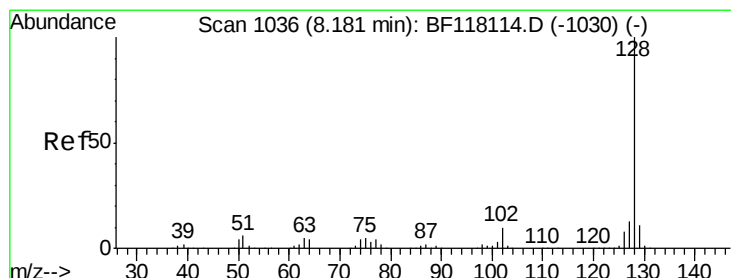
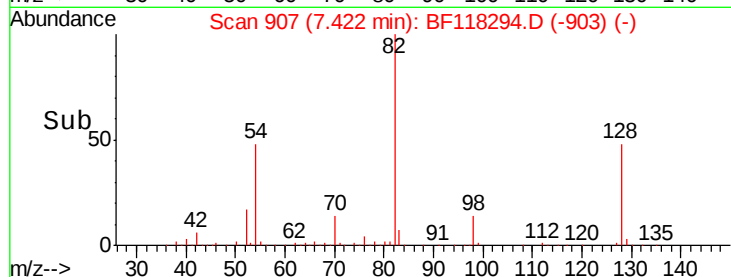
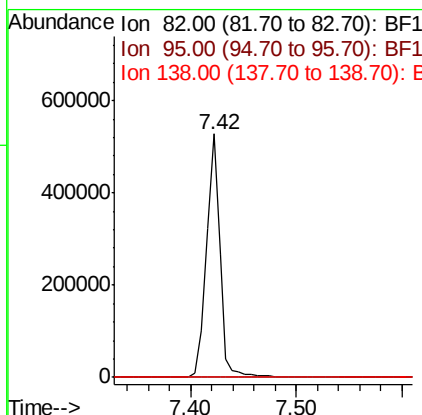
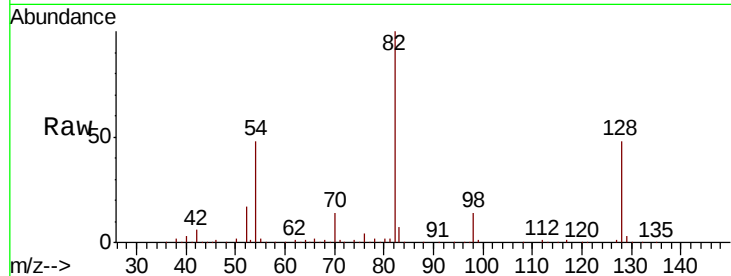




#25
Isophorone
Concen: 38.575 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

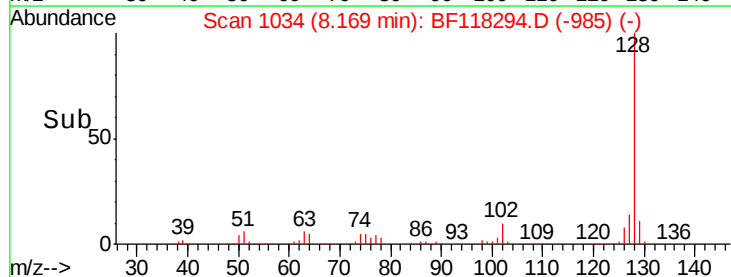
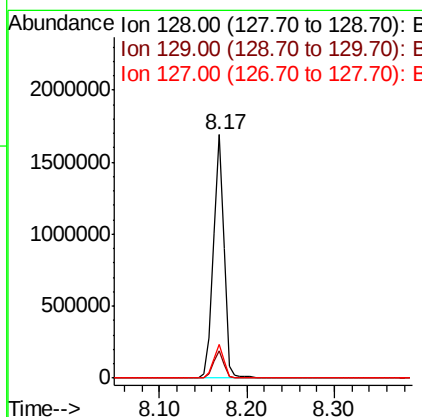
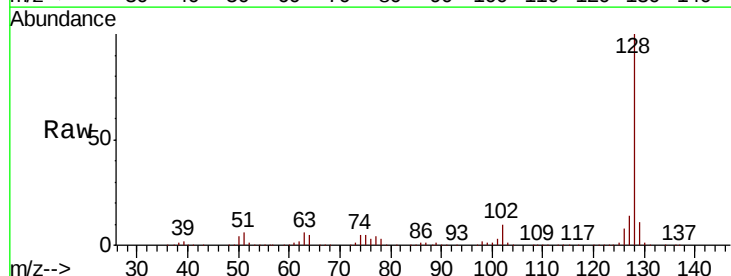
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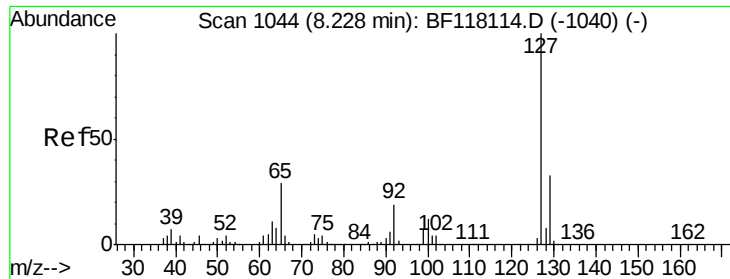
Tot Ion: 82 Resp: 470217
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.3 24.5#



#31
Naphthalene
Concen: 71.048 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion: 128 Resp: 1443456
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.9 10.6 16.0

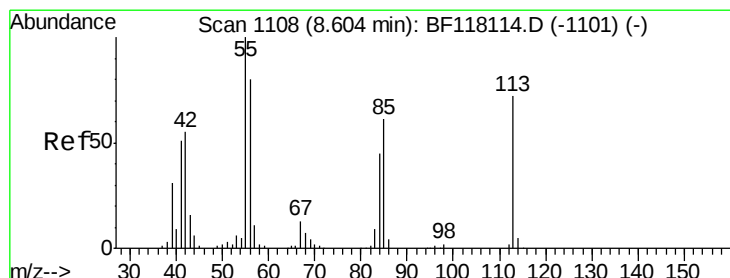
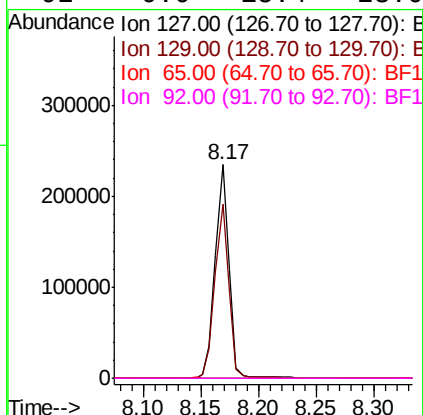
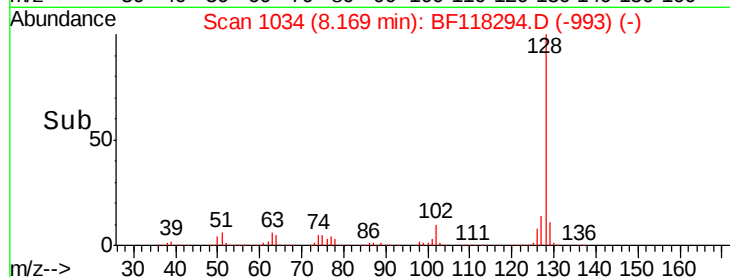
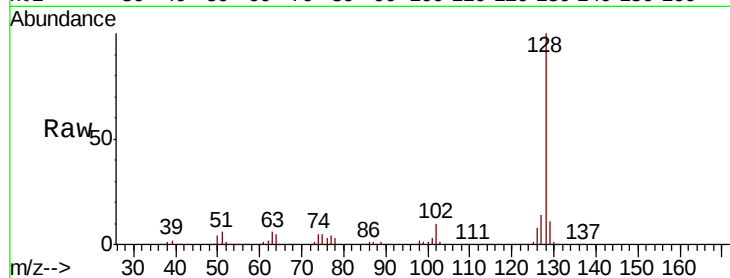




#33
4-Chloroaniline
Concen: 22.257 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

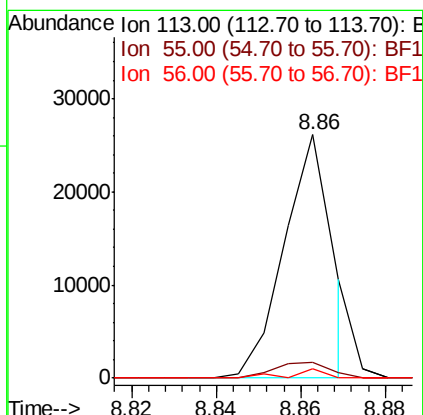
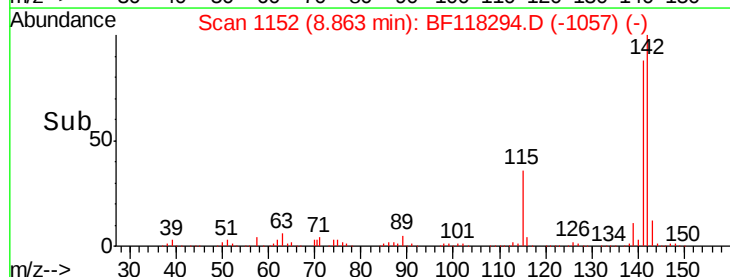
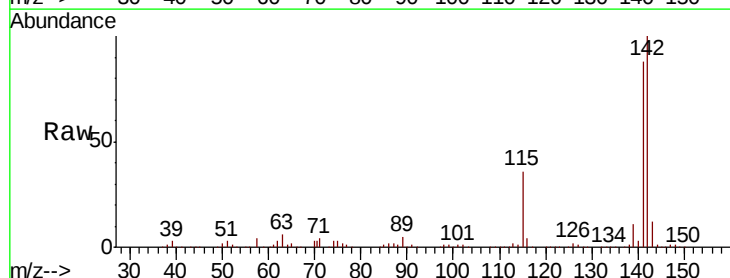
Instrument :
BNA_F
ClientSampleId :

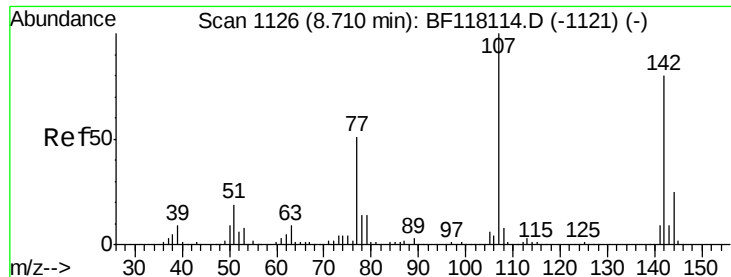
Tot Ion:	127	Resp:	195244
Ion	Ratio	Lower	Upper
127	100		
129	81.5	26.6	40.0#
65	0.0	23.2	34.8#
92	0.0	15.4	23.0#



#35
Caprolactam
Concen: 11.390 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.26 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion:	113	Resp:	20625
Ion	Ratio	Lower	Upper
113	100		
55	6.7	118.9	158.9#
56	3.8	91.4	131.4#

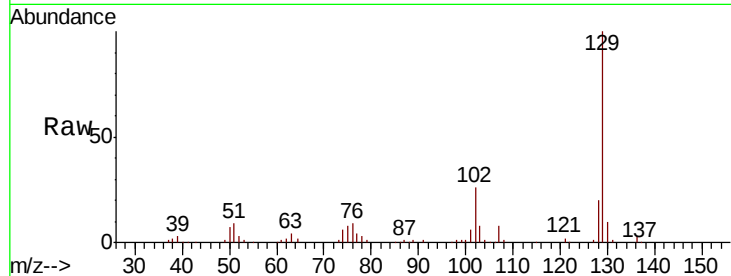




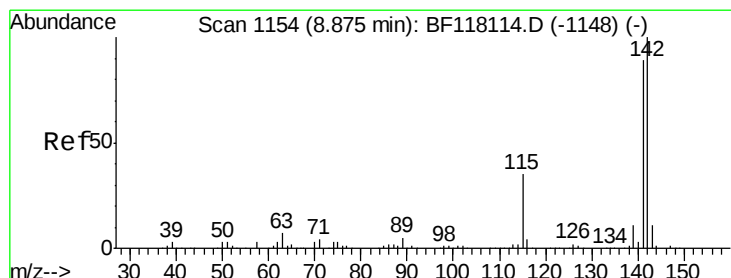
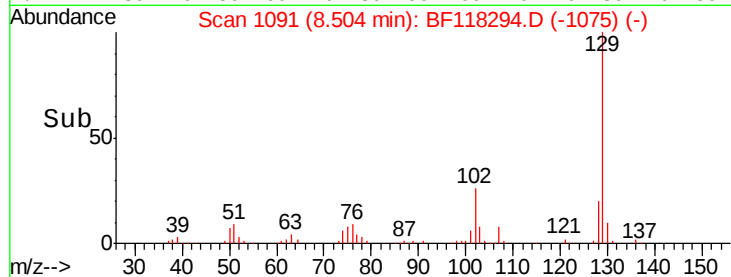
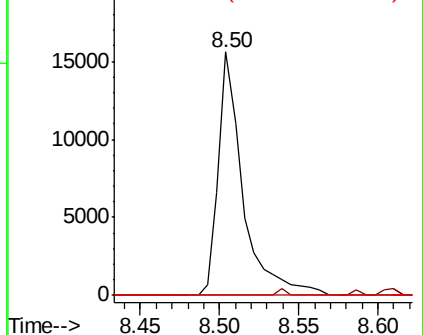
#36
 4-Chloro-3-methylphenol
 Concen: 2.729 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.21 min
 Lab File: BF118294.D
 Acq: 19 Dec 2019 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 16863
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.3 30.5#
 142 0.0 63.7 95.5#

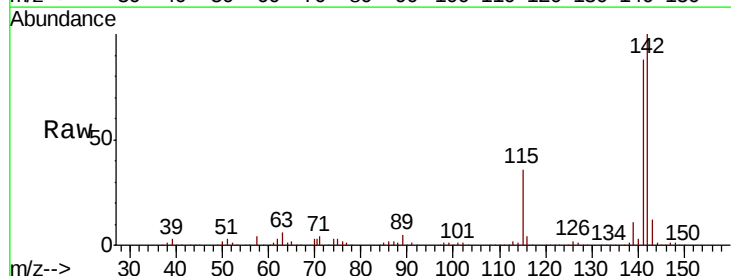


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

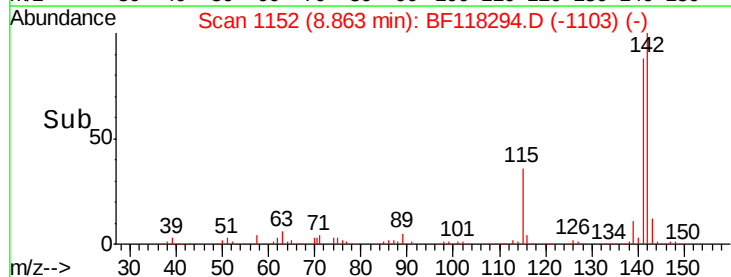
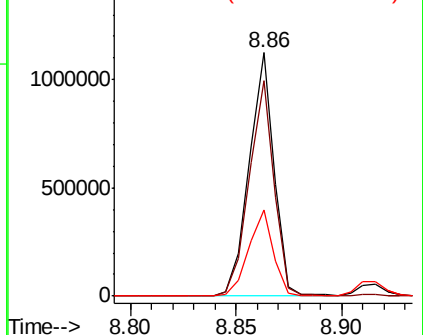


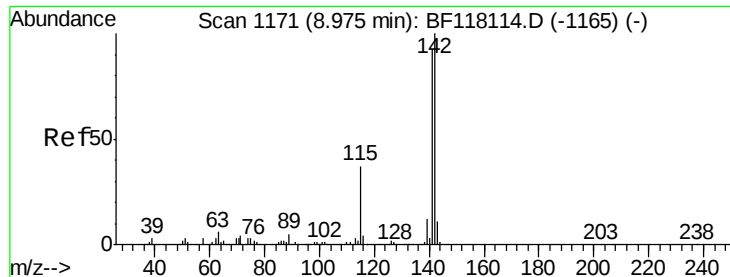
#37
 2-Methylnaphthalene
 Concen: 67.405 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF118294.D
 Acq: 19 Dec 2019 22:12

Tgt Ion:142 Resp: 927115
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.4 107.0
 115 35.6 28.2 42.4



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

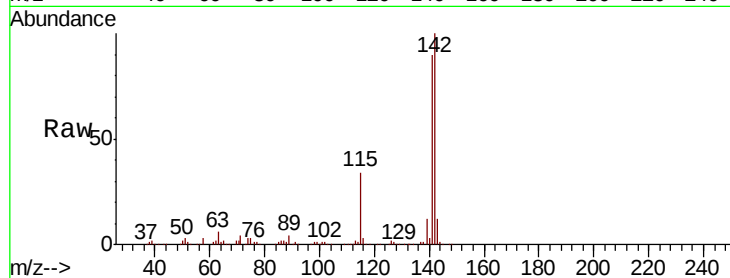




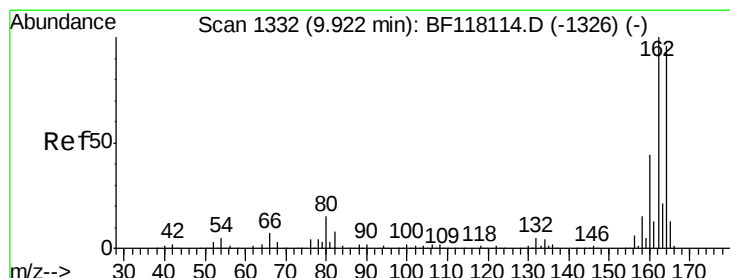
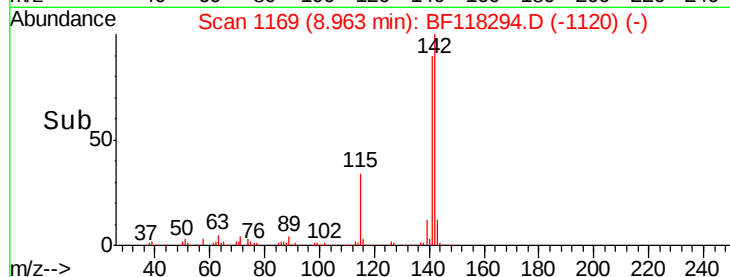
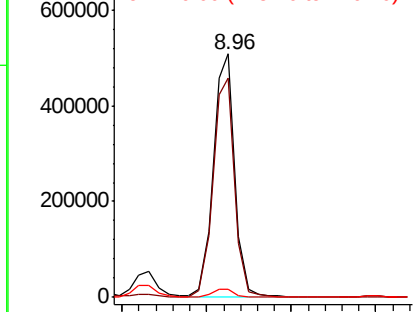
#38
1-Methylnaphthalene
Concen: 34.807 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 449522
Ion Ratio Lower Upper
142 100
141 90.2 74.0 111.0
116 3.5 3.2 4.8

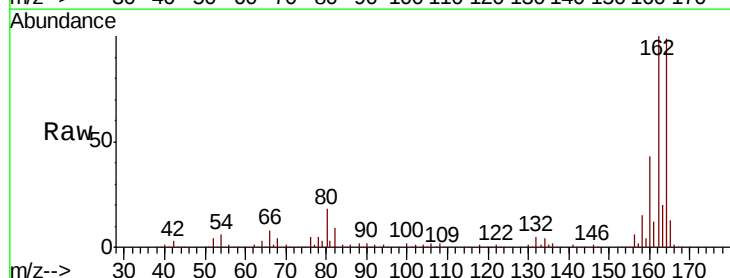


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

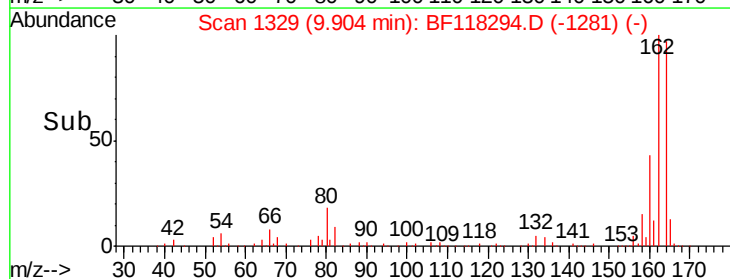
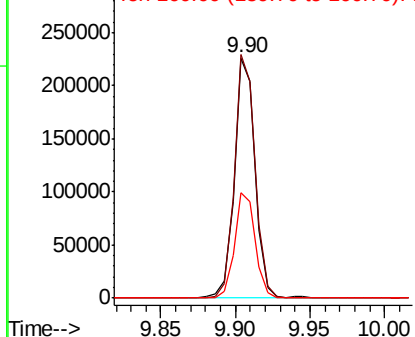


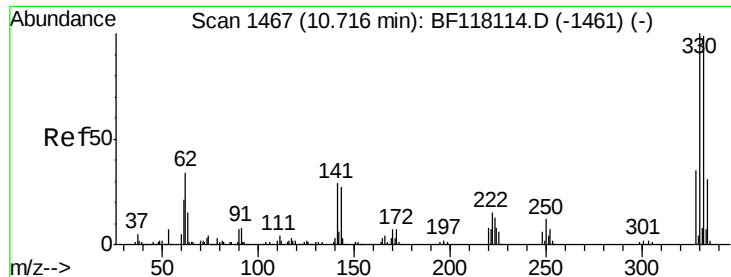
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion:164 Resp: 219873
Ion Ratio Lower Upper
164 100
162 101.4 83.4 125.0
160 43.7 36.6 54.8



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: 71.950 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

Instrument :

BNA_F

ClientSampleId :

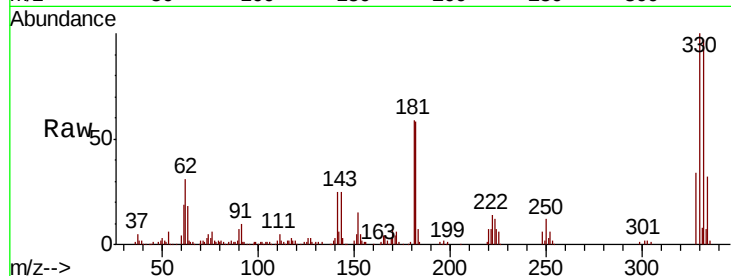
Tot Ion:330 Resp: 192183

Ion Ratio Lower Upper

330 100

332 97.4 78.1 117.1

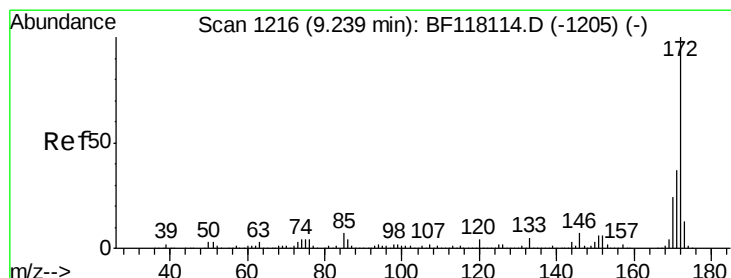
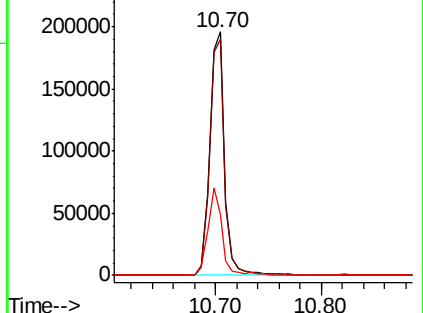
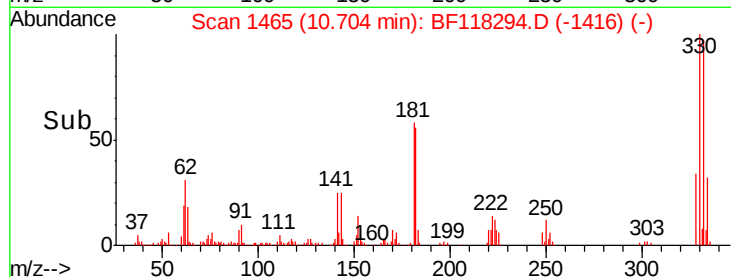
141 34.8 26.9 40.3



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: 63.877 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

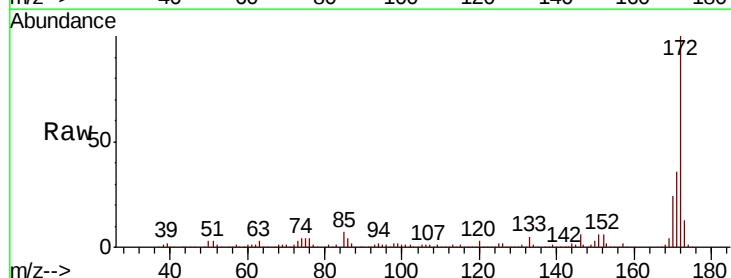
Tgt Ion:172 Resp: 922997

Ion Ratio Lower Upper

172 100

171 35.6 29.2 43.8

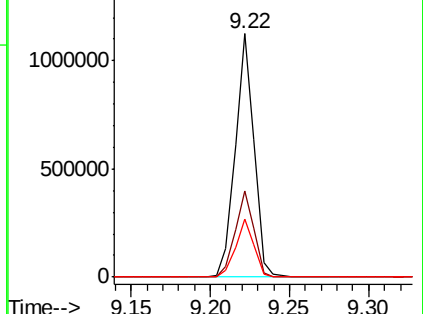
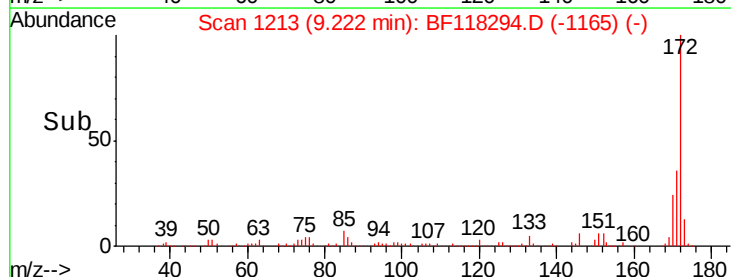
170 23.8 19.4 29.2

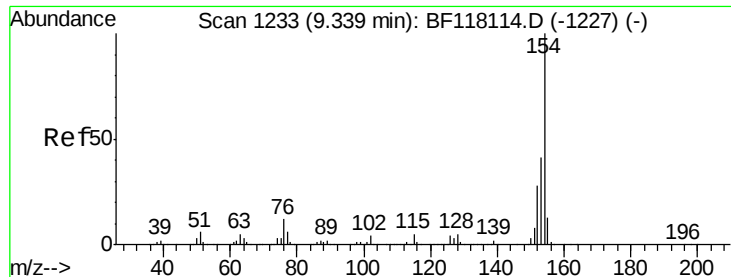


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

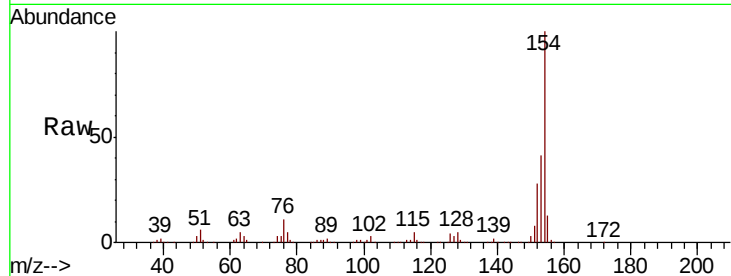




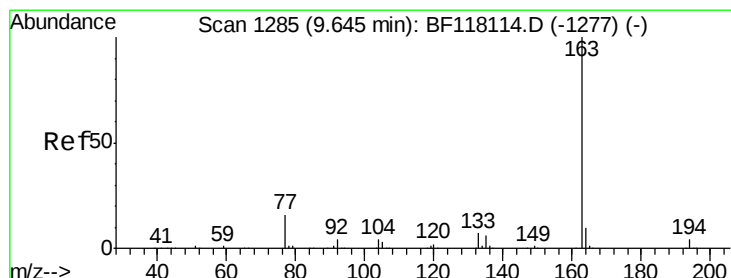
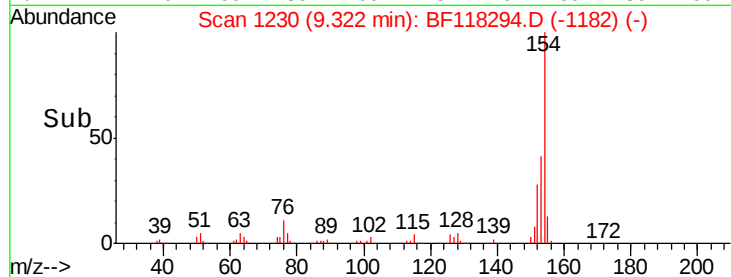
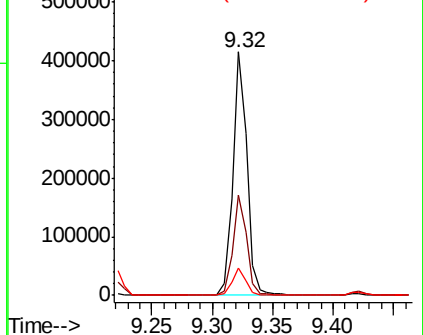
#46
 1,1'-Biphenyl
 Concen: 19.390 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF118294.D
 Acq: 19 Dec 2019 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 336248
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.7 60.7
 76 11.3 0.0 31.9

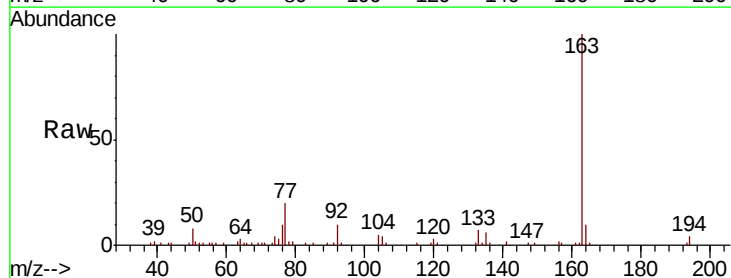


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

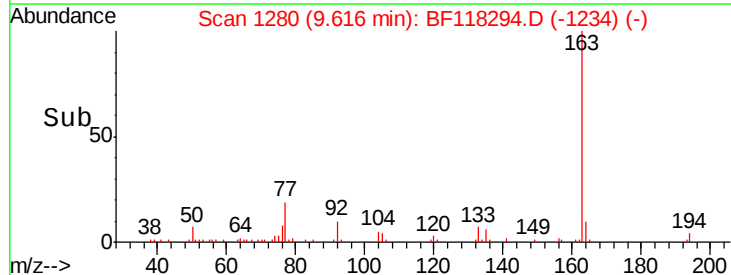
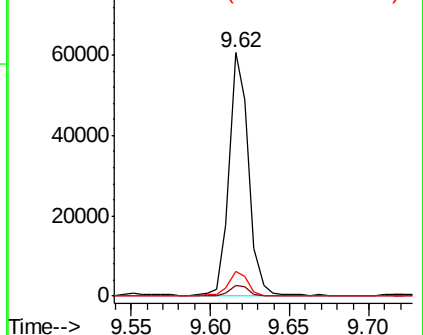


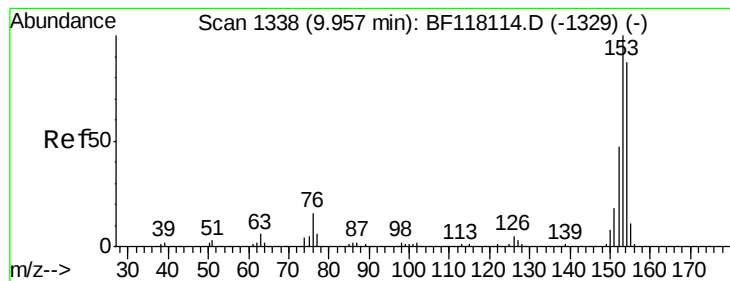
#50
 Dimethylphthalate
 Concen: 3.197 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.03 min
 Lab File: BF118294.D
 Acq: 19 Dec 2019 22:12

Tgt Ion:163 Resp: 51929
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.1 4.7
 164 10.0 7.7 11.5



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: 108.089 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

Instrument :

BNA_F

ClientSampleId :

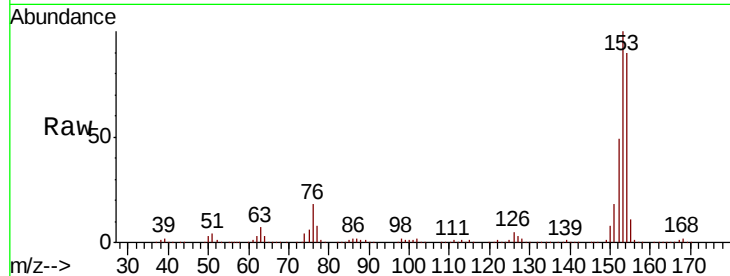
Tot Ion:154 Resp: 1357376

Ion Ratio Lower Upper

154 100

153 110.8 91.8 137.6

152 54.0 43.3 64.9

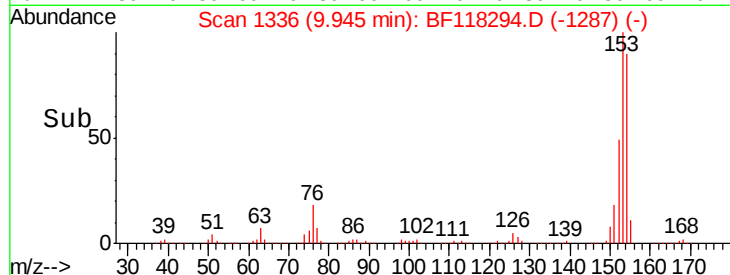


Abundance Ion 154.00 (153.70 to 154.70): E

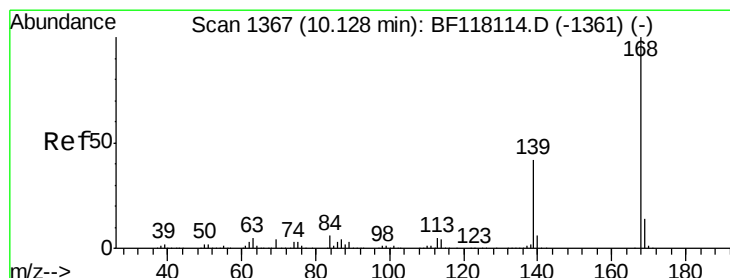
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#55

Dibenzofuran

Concen: 71.991 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

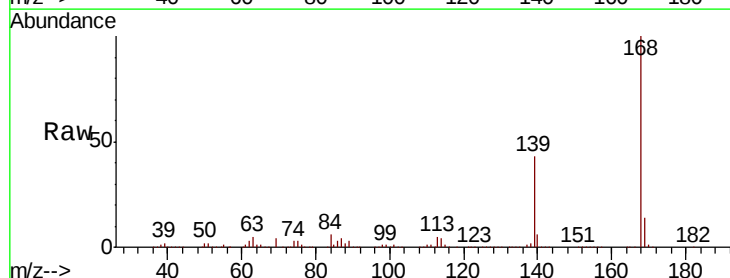
Tgt Ion:168 Resp: 1324685

Ion Ratio Lower Upper

168 100

139 42.7 33.4 50.0

169 13.9 11.0 16.6

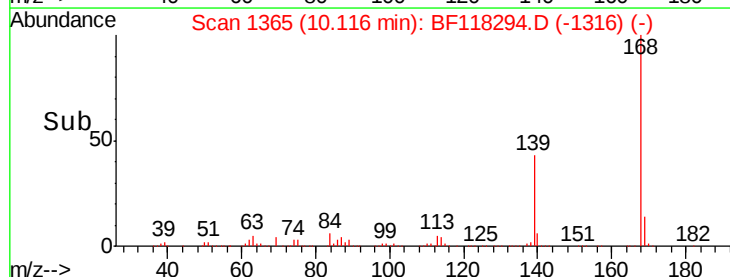


Abundance Ion 168.00 (167.70 to 168.70): E

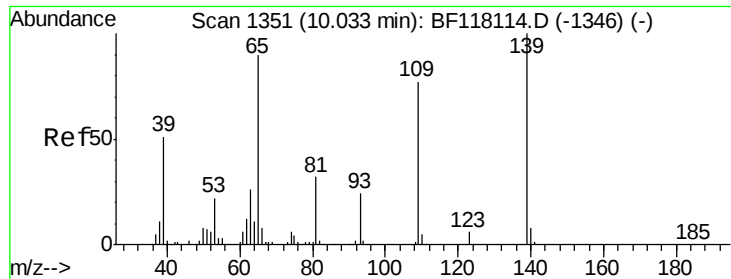
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



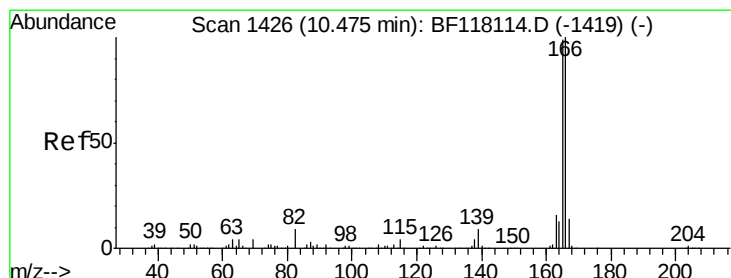
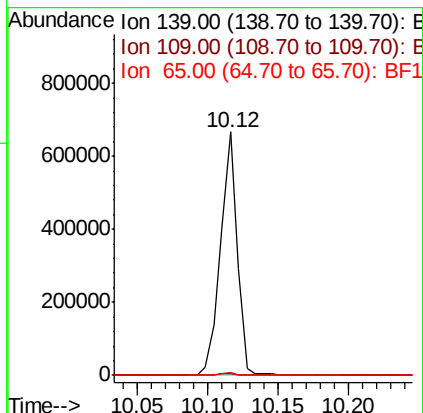
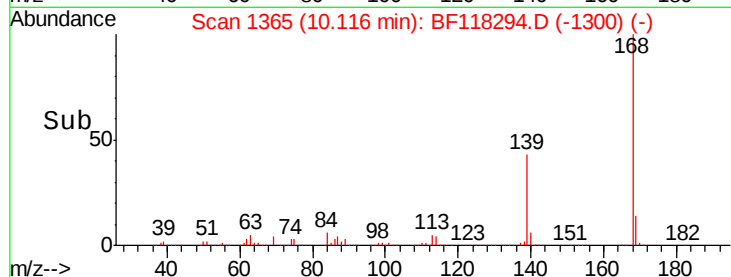
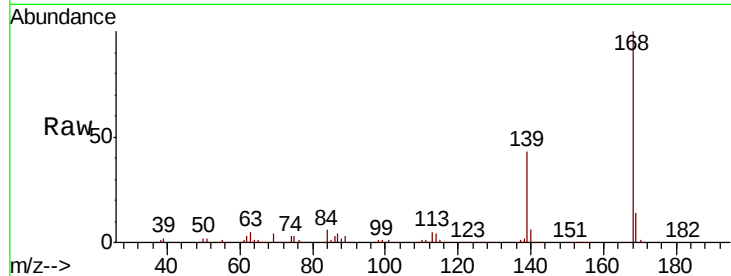
Time-->



#56
4-Nitrophenol
Concen: 190.892 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.08 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

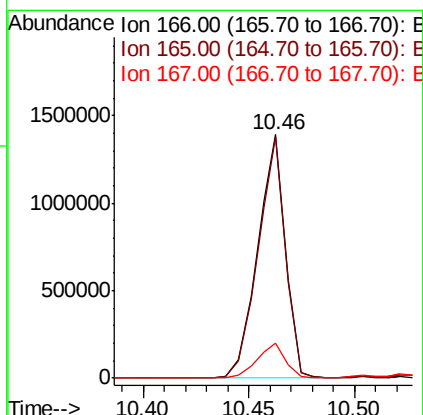
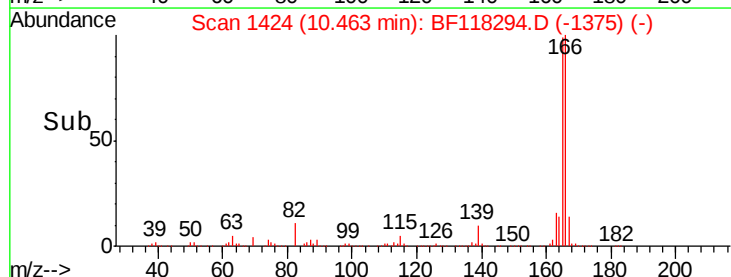
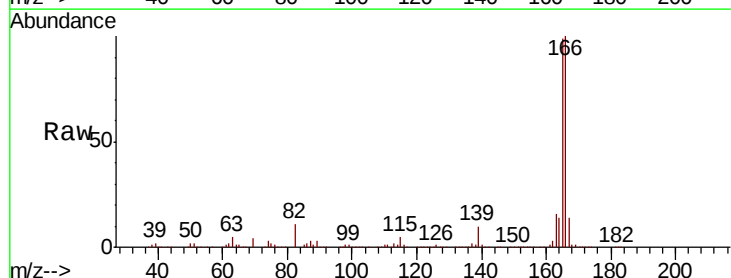
Instrument :
BNA_F
ClientSampleId :

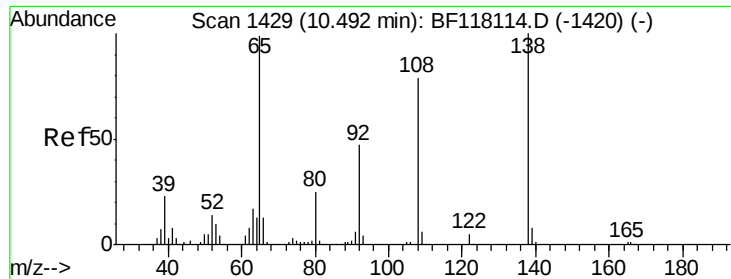
Tot Ion	Ratio	Lower	Upper
139	100		
109	1.0	57.3	97.3#
65	1.3	70.2	110.2#



#58
Fluorene
Concen: 86.318 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.4
167	14.3	10.9	16.3

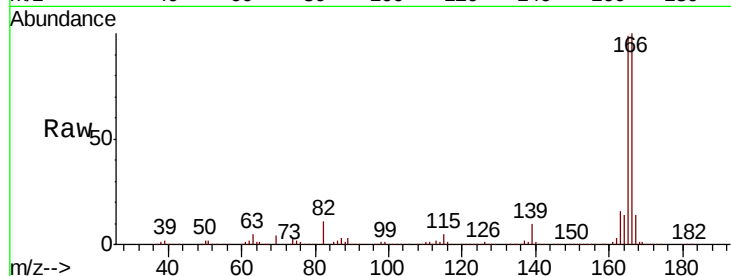




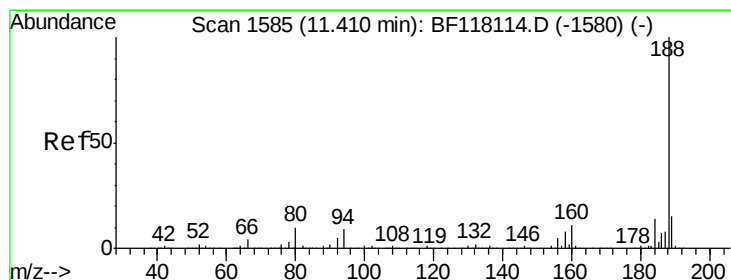
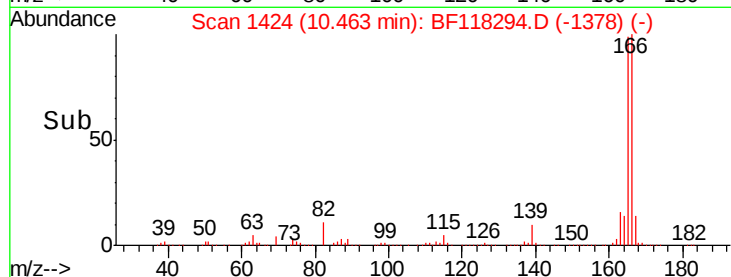
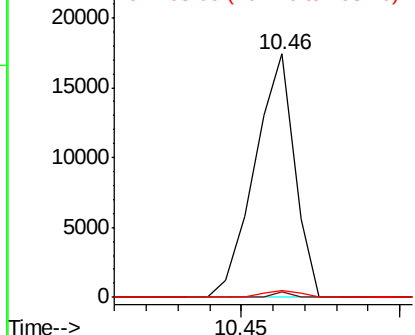
#62
4-Nitroaniline
Concen: 3.510 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.03 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 15214
Ion Ratio Lower Upper
138 100
92 2.5 27.1 67.1#
108 2.6 59.0 99.0#

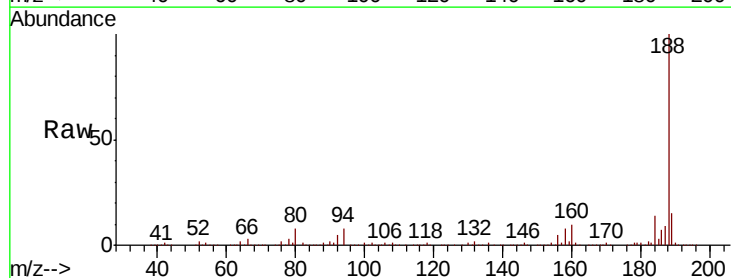


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

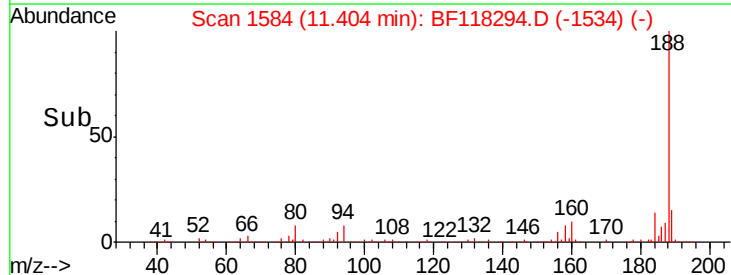
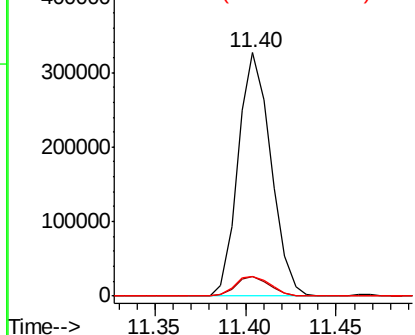


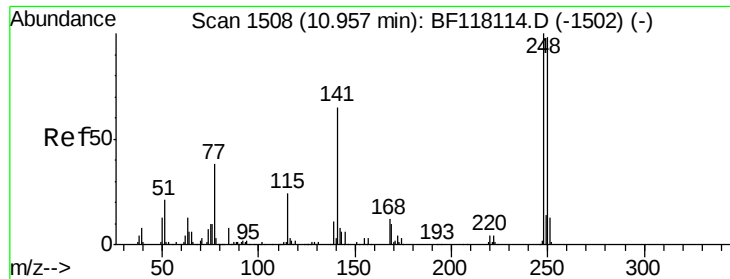
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion:188 Resp: 409714
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 8.3 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

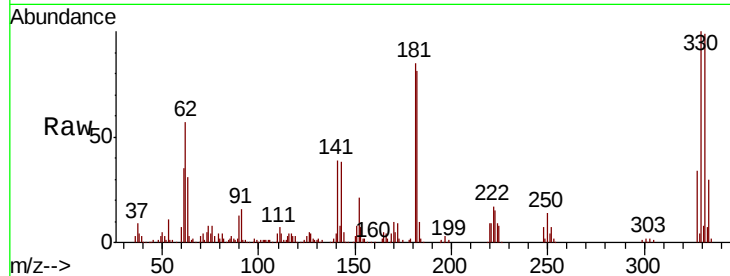




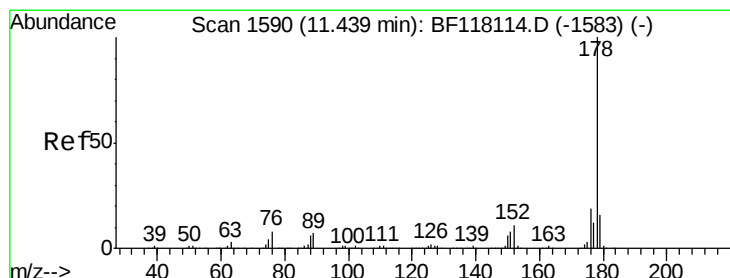
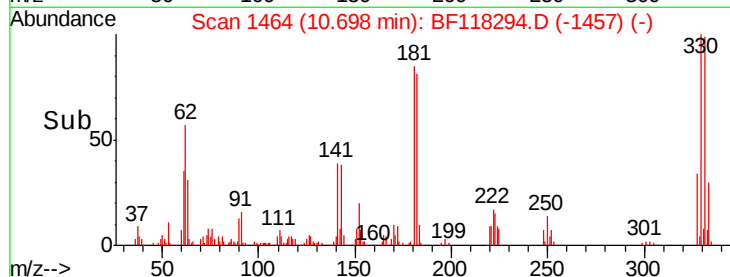
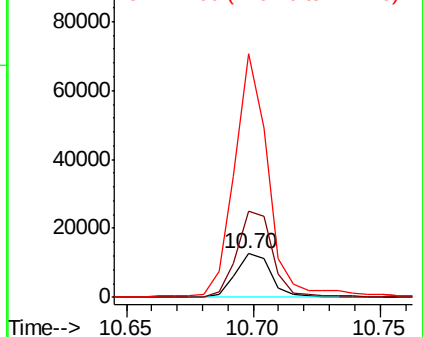
#67
4-Bromophenyl-phenylether
Concen: 2.590 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12114
Ion Ratio Lower Upper
248 100
250 198.2 78.3 117.5#
141 556.0 52.2 78.4#

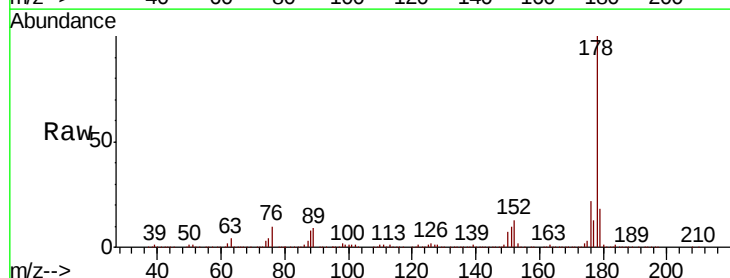


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

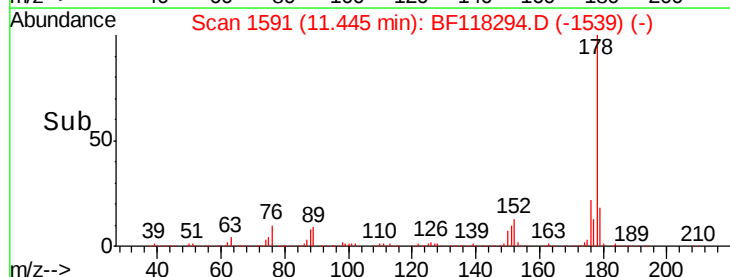
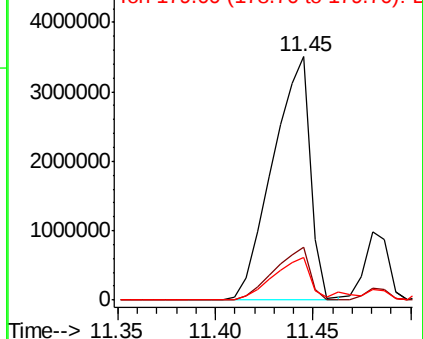


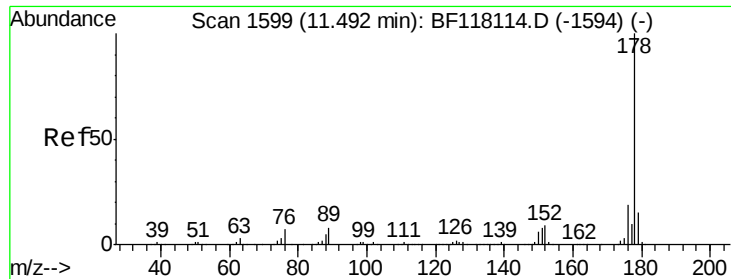
#71
Phenanthrene
Concen: 214.421 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion:178 Resp: 4670066
Ion Ratio Lower Upper
178 100
176 21.7 15.5 23.3
179 17.7 12.6 18.8



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





#72

Anthracene

Concen: 37.559 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

Instrument :

BNA_F

ClientSampleId :

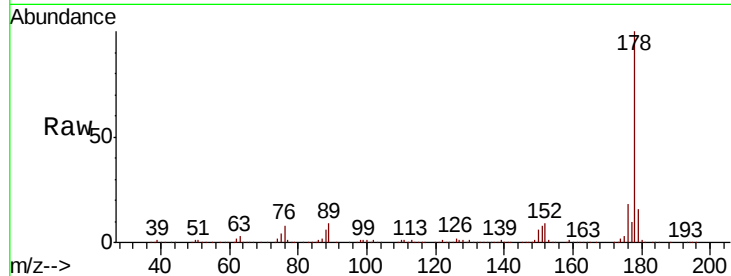
Tot Ion:178 Resp: 816044

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

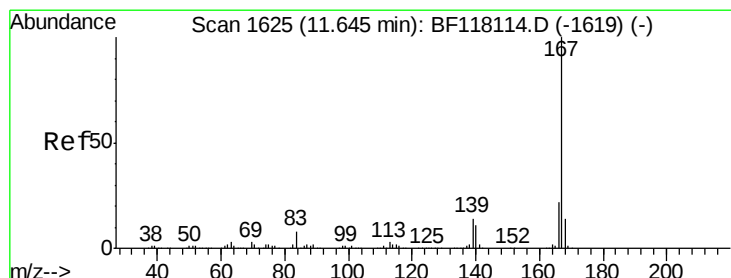
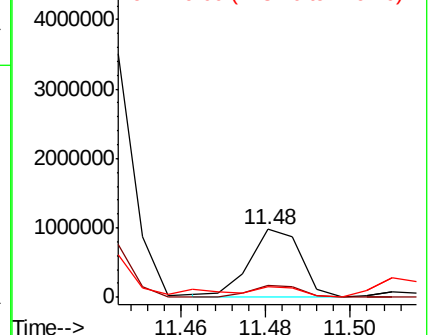
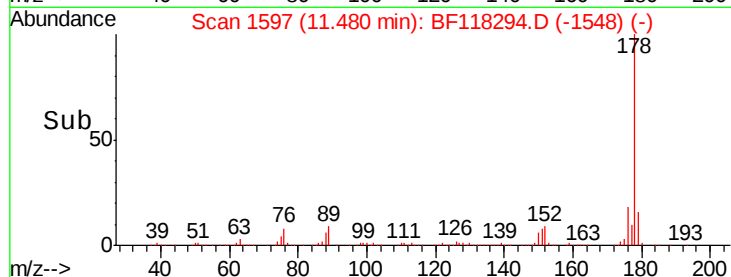
179 15.8 12.2 18.4



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: 26.949 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

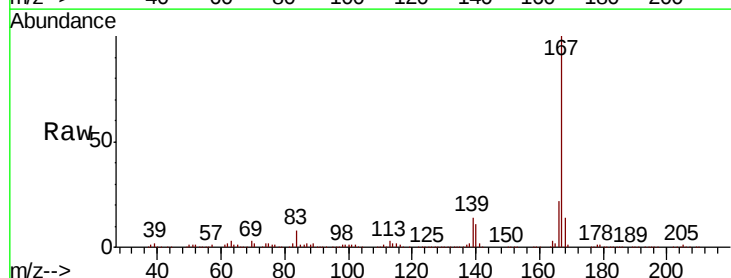
Tgt Ion:167 Resp: 525344

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.2

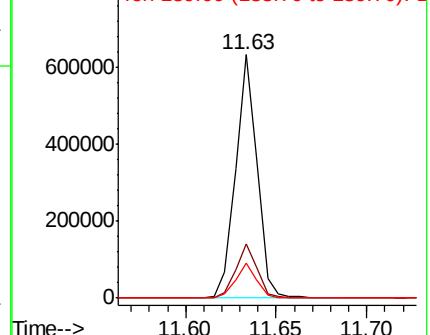
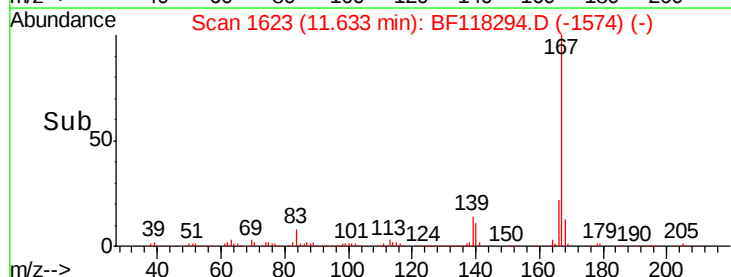
139 14.1 11.4 17.0

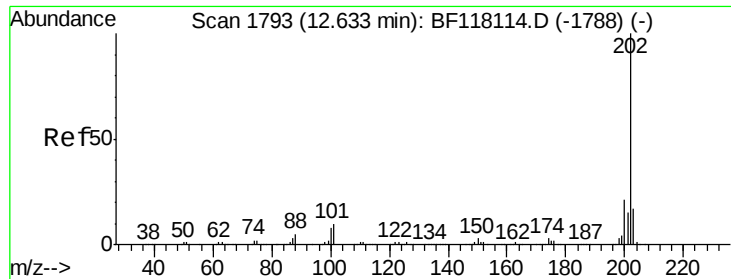


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 136.110 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

Instrument :

BNA_F

ClientSampleId :

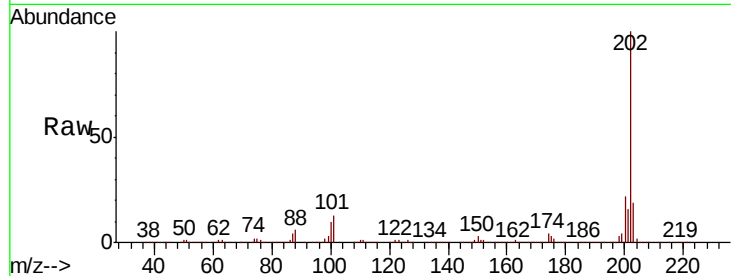
Tot Ion:202 Resp: 3030872

Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.4

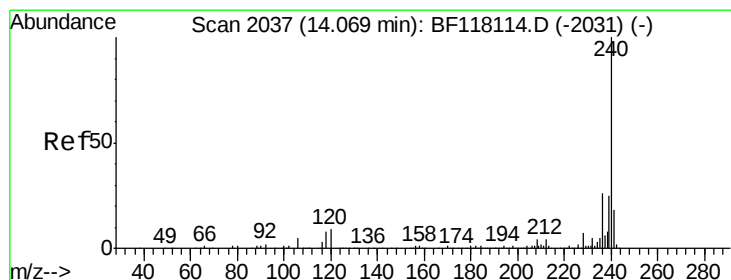
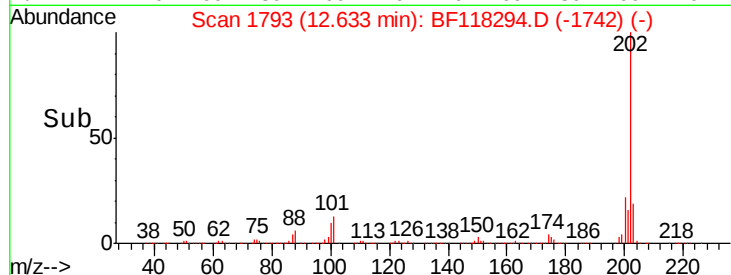
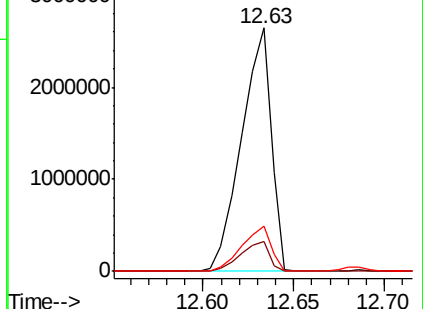
203 18.8 0.0 37.2



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

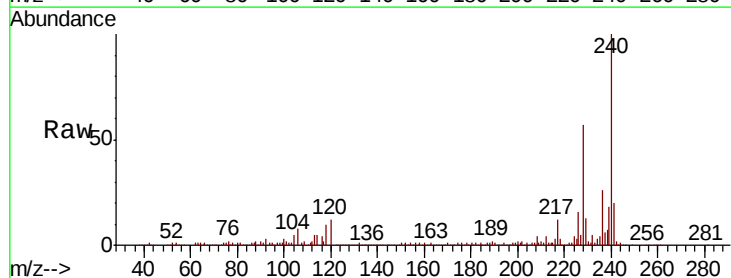
Tgt Ion:240 Resp: 278636

Ion Ratio Lower Upper

240 100

120 11.6 7.1 10.7#

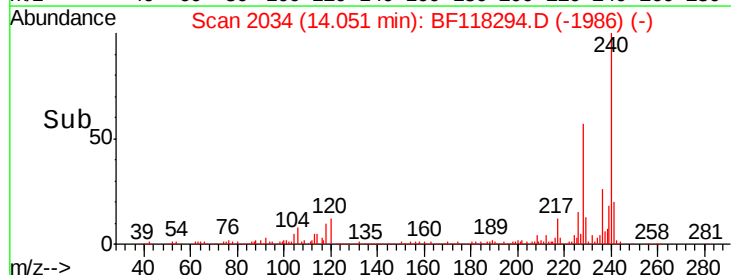
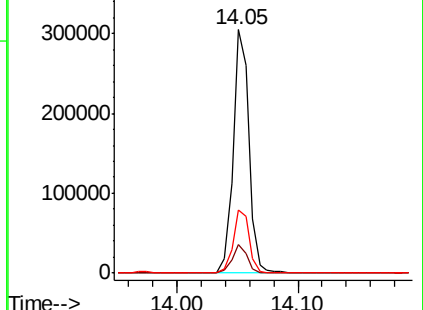
236 26.1 21.0 31.6

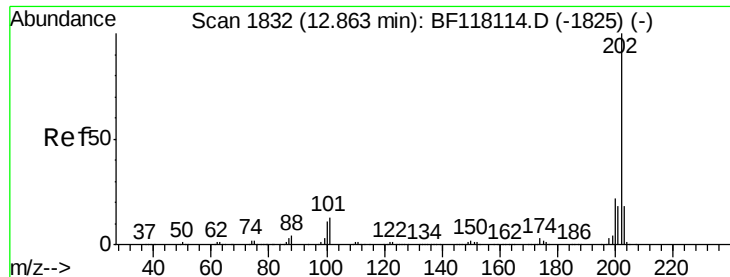


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

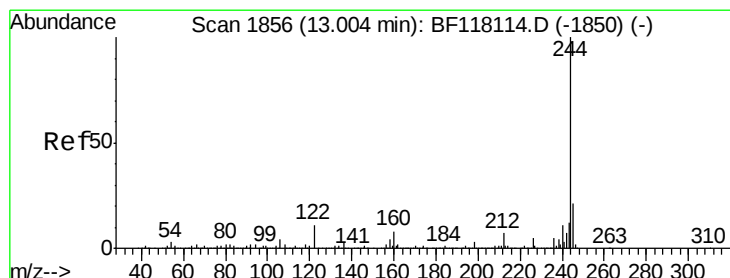
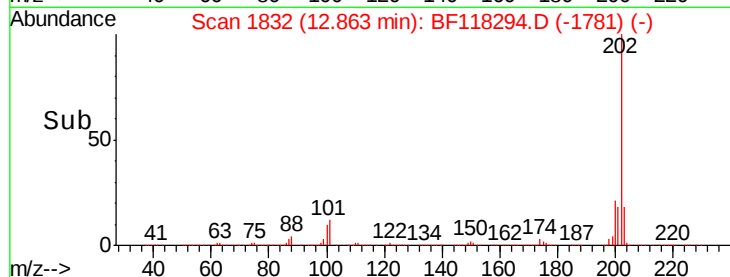
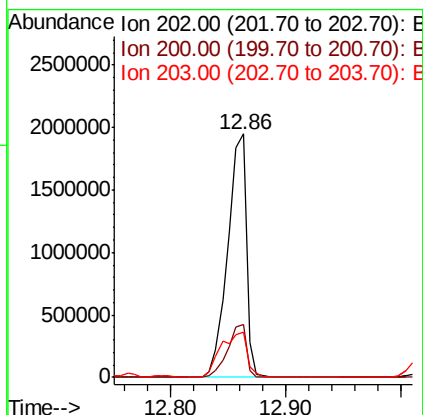
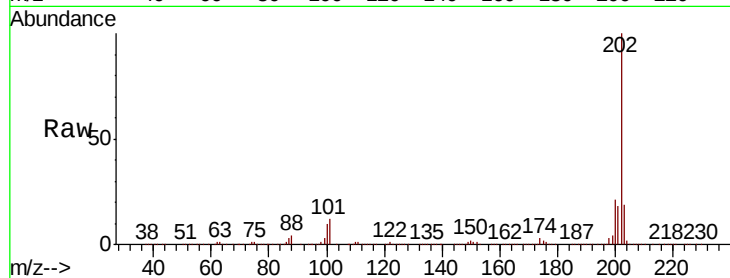




#78
Pvrene
Concen: 99.397 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

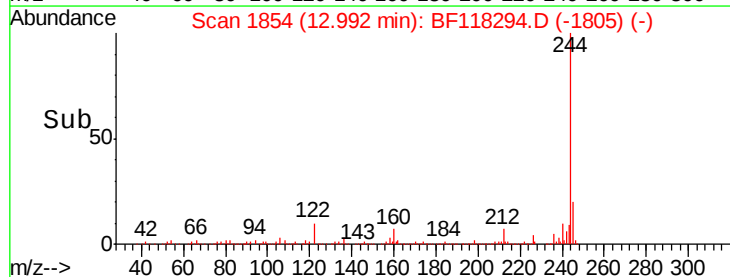
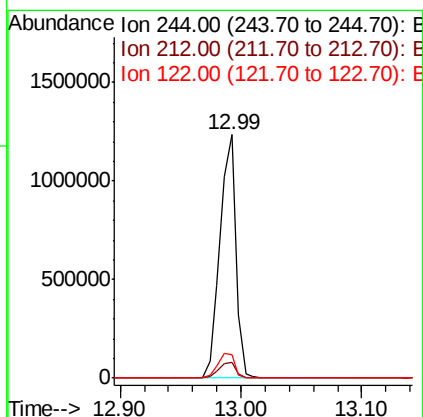
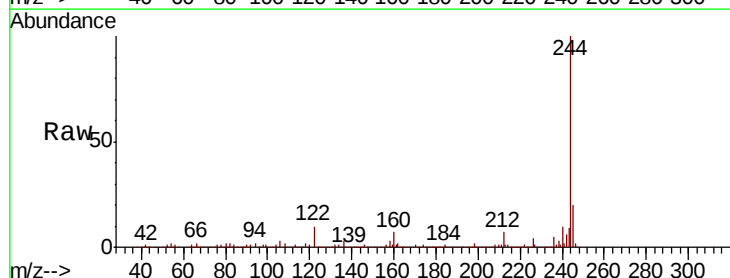
Instrument :
BNA_F
ClientSampled :

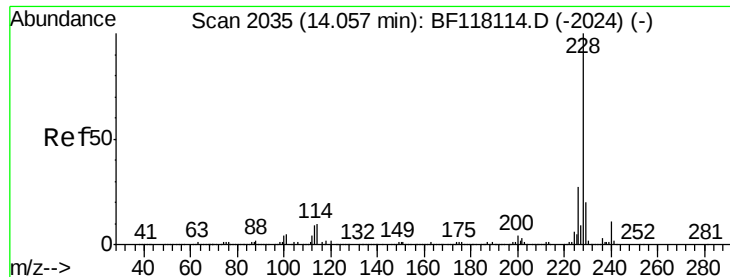
Tot Ion:202 Resp: 2182540
Ion Ratio Lower Upper
202 100
200 21.5 17.5 26.3
203 18.6 14.6 21.8



#79
Terphenyl-d14
Concen: 69.298 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion:244 Resp: 1122851
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.8 9.0 13.6

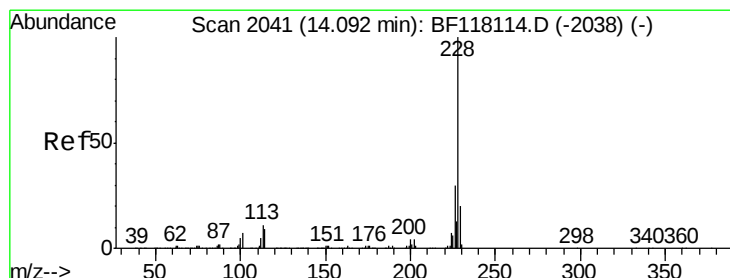
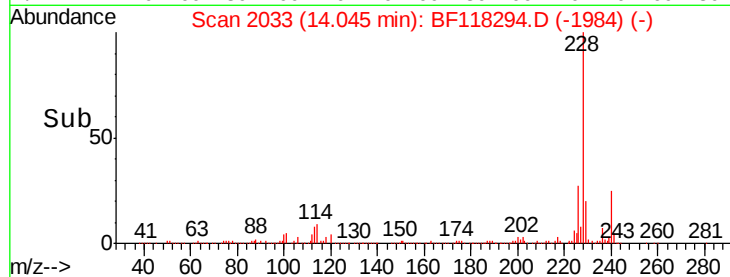
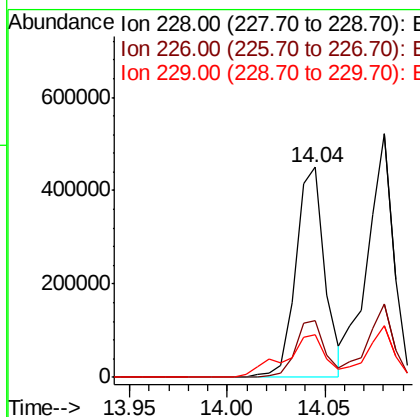
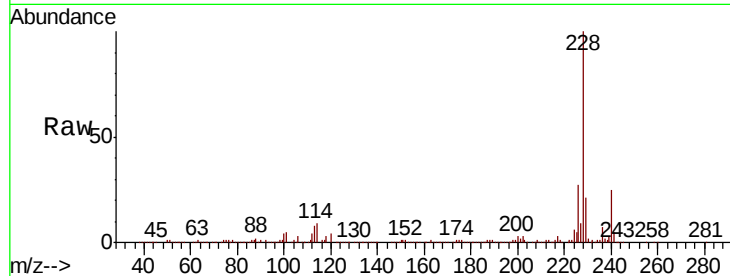




#81
Benzo(a)anthracene
Concen: 23.908 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

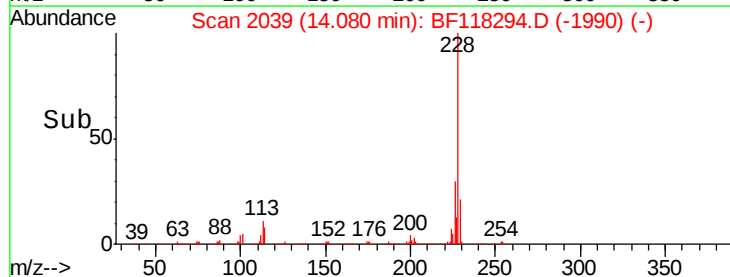
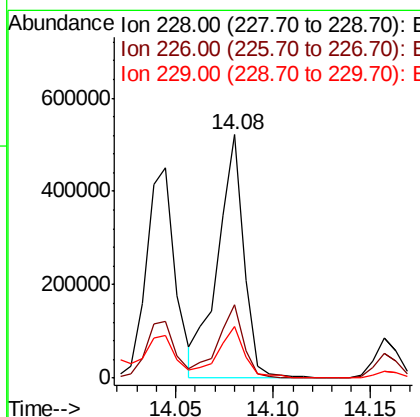
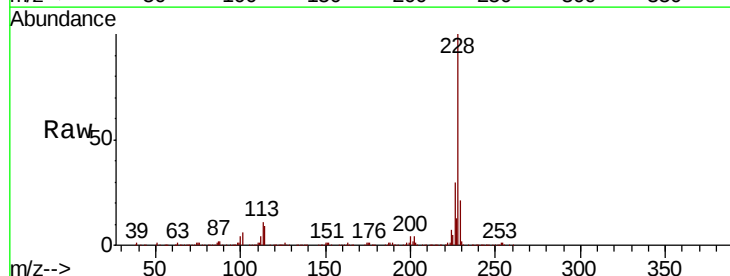
Instrument :
BNA_F
ClientSampleId :

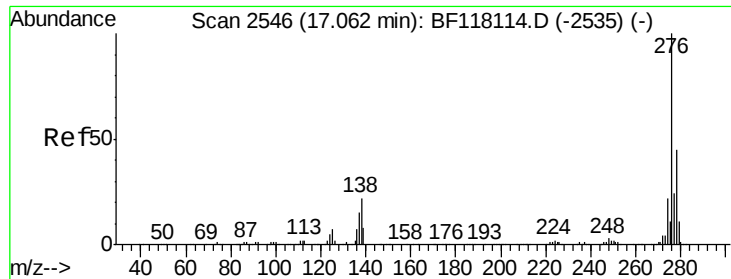
Tot Ion:228 Resp: 460634
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.6 15.8 23.8



#83
Chrysene
Concen: 26.453 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion:228 Resp: 486836
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 21.2 15.7 23.5

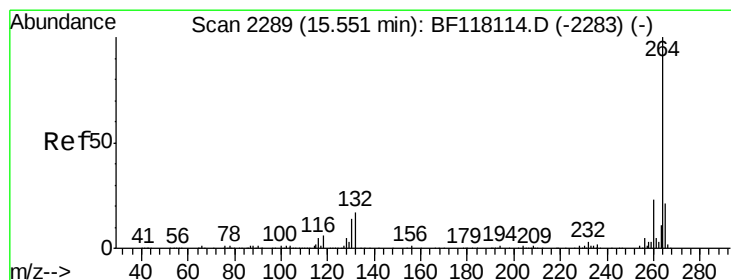
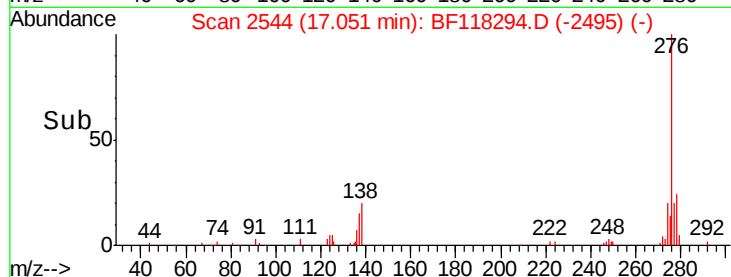
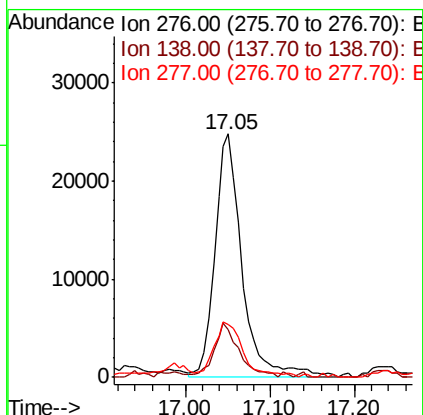
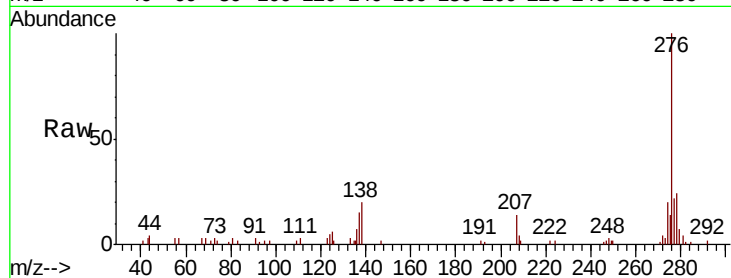




#86
Indeno(1,2,3-cd)pyrene
Concen: 3.602 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

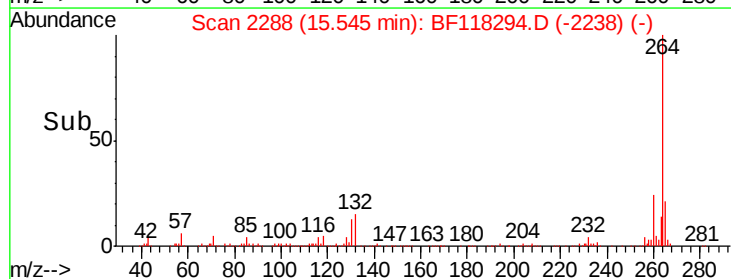
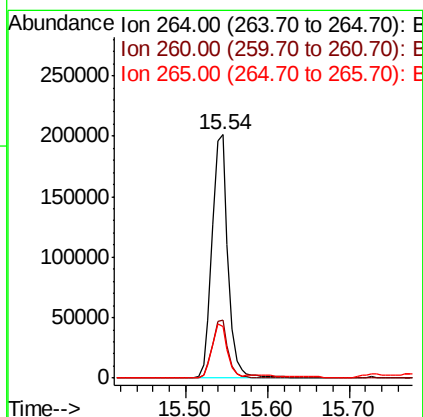
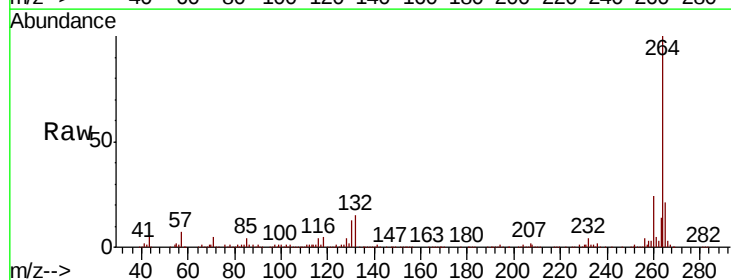
Instrument :
BNA_F
ClientSampleId :

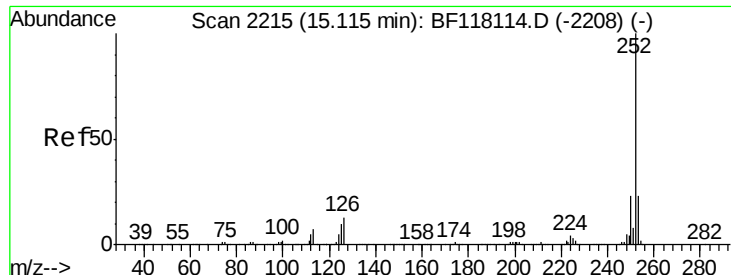
Tot Ion:276 Resp: 55783
Ion Ratio Lower Upper
276 100
138 20.5 18.9 28.3
277 24.7 20.4 30.6



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion:264 Resp: 275369
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.1 16.8 25.2

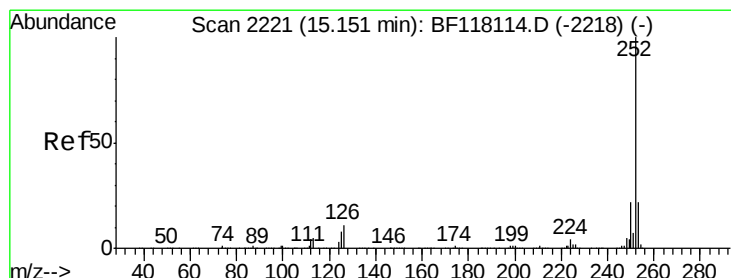
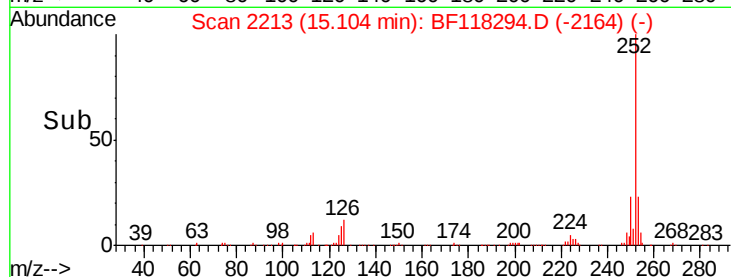
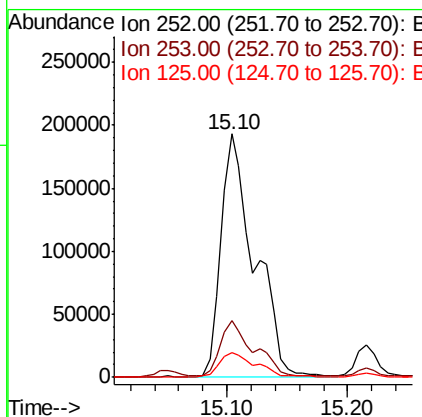
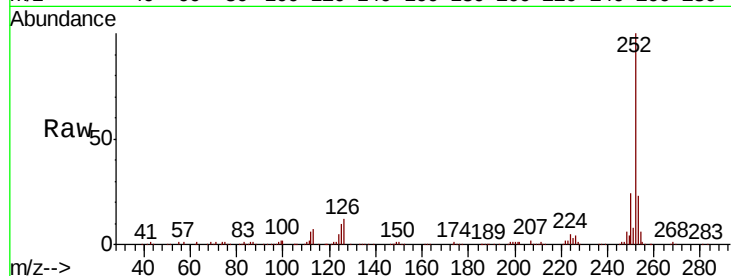




#88
Benzo(b)fluoranthene
Concen: 20.351 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

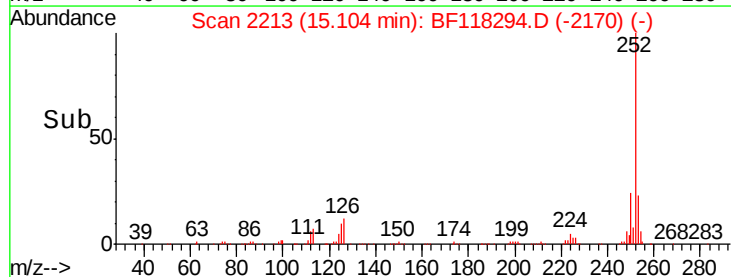
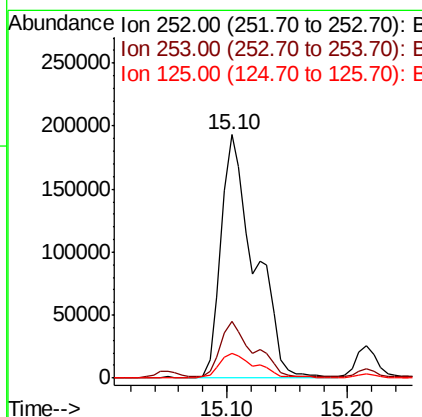
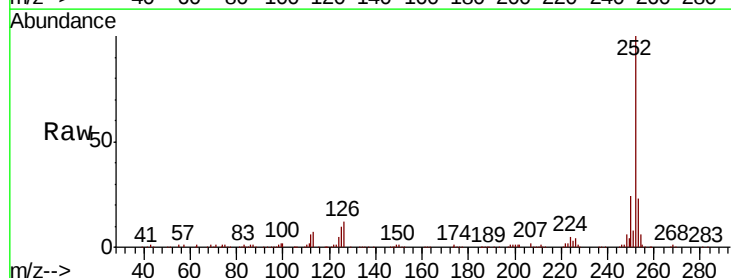
Instrument :
BNA_F
ClientSampleId :

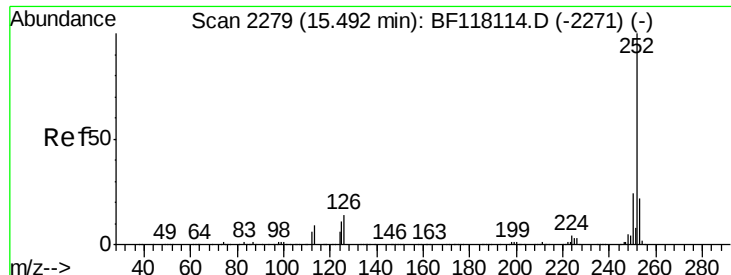
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	9.9	8.3	12.5



#89
Benzo(k)fluoranthene
Concen: 21.184 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.05 min
Lab File: BF118294.D
Acq: 19 Dec 2019 22:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	9.9	6.7	10.1





#90

Benzo(a)pyrene

Concen: 8.528 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

Instrument :

BNA_F

ClientSampleId :

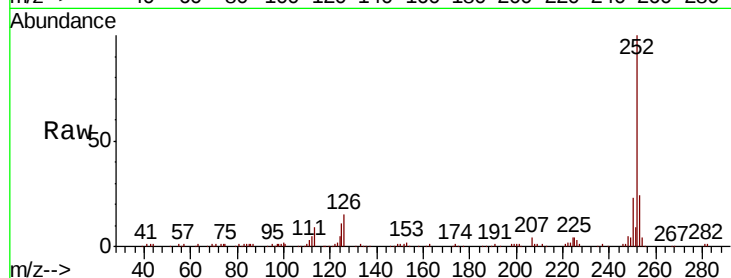
Tot Ion:252 Resp: 137169

Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

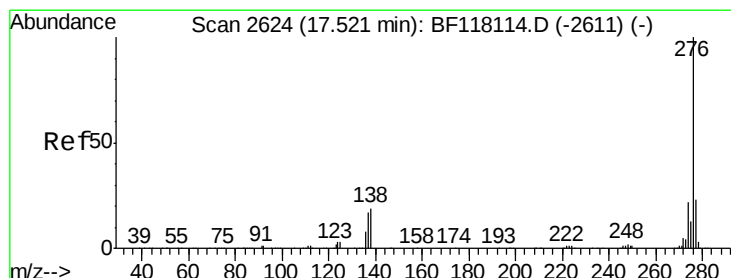
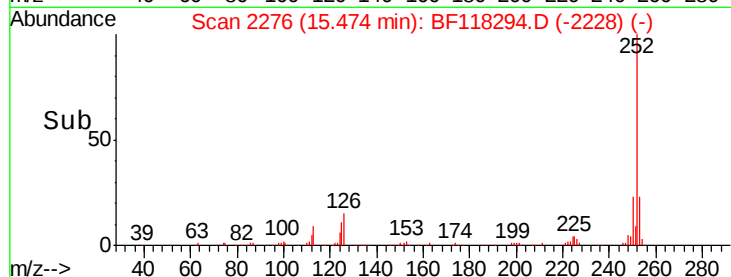
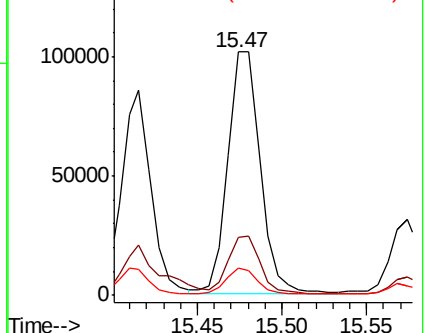
125 11.5 9.1 13.7



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



#92

Benzo(g,h,i)perylene

Concen: 3.213 ng

RT: 17.50 min Scan# 2621

Delta R.T. -0.02 min

Lab File: BF118294.D

Acq: 19 Dec 2019 22:12

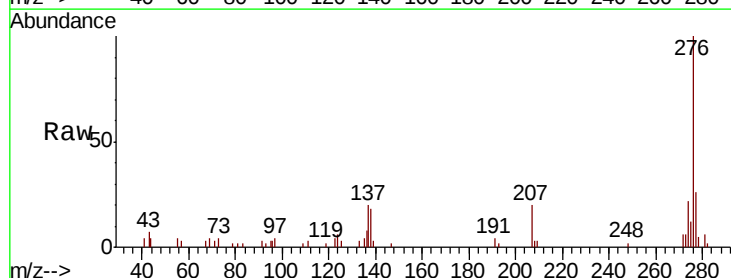
Tgt Ion:276 Resp: 42596

Ion Ratio Lower Upper

276 100

277 26.2 18.2 27.4

138 18.3 15.5 23.3



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

