

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118310.D
 Acq On : 26 Dec 2019 12:17
 Operator : JU
 Sample : K6414-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 03:20:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	117275	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	479736	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	260395	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	491194	20.00	ng	0.00
76) Chrysene-d12	14.04	240	352427	20.00	ng	0.00
87) Perylene-d12	15.53	264	318738	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	735205	107.01	ng	0.00
7) Phenol-d6	6.48	99	933110	109.48	ng	0.00
23) Nitrobenzene-d5	7.41	82	559122	66.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	322547	100.30	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1066910	62.54	ng	0.00
79) Terphenyl-d14	12.98	244	1303669	61.37	ng	0.00

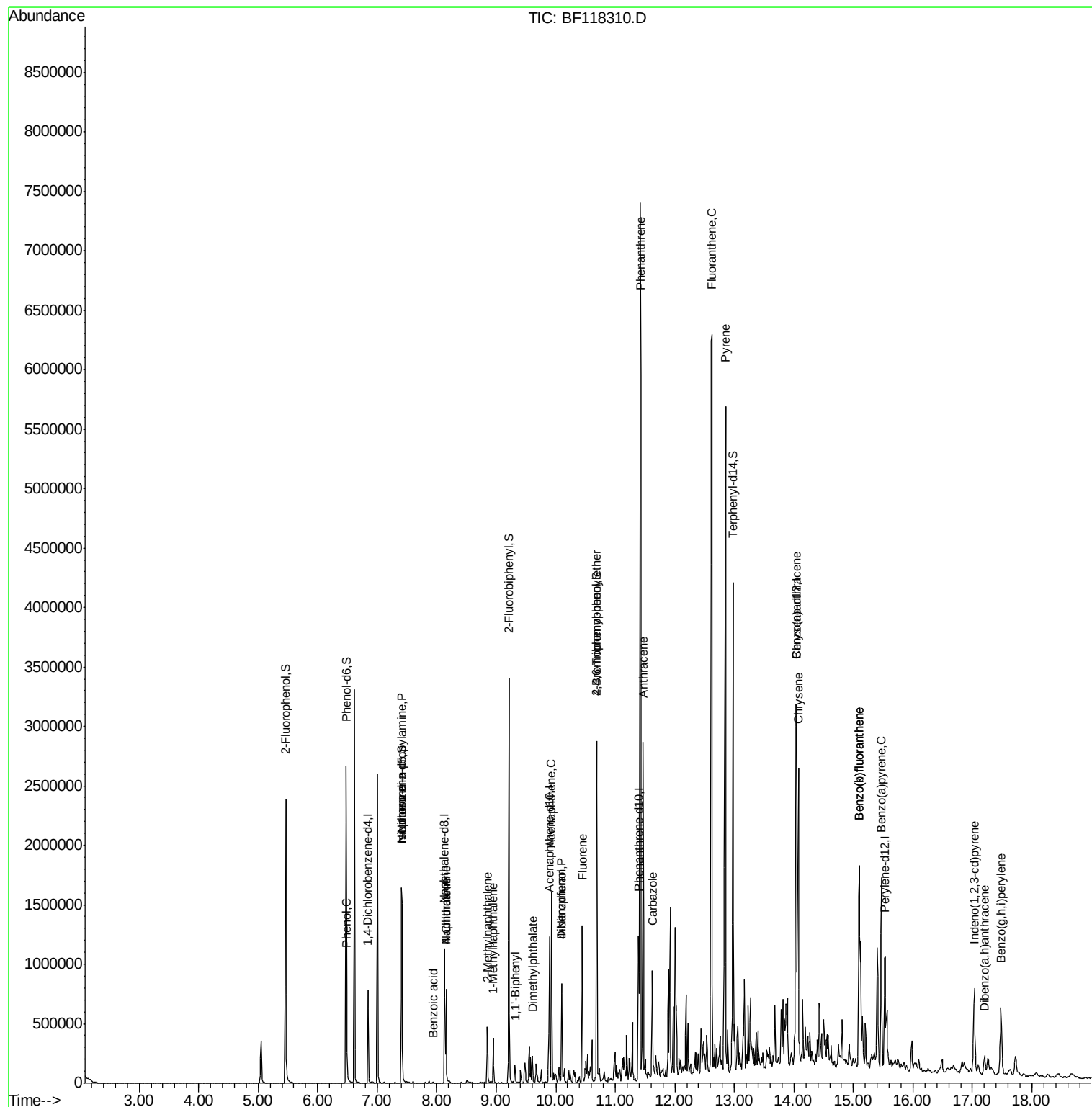
Target Compounds				Qvalue		
10) Phenol	6.49	94	37277	3.891	ng	97
19) n-Nitroso-di-n-propylamine	7.41	70	74664	14.221	ng	# 78
25) Isophorone	7.41	82	559115	38.248	ng	# 62
31) Naphthalene	8.16	128	343758	14.098	ng	99
32) Benzoic acid	7.94	122	3020	6.196	ng	# 11
33) 4-Chloroaniline	8.16	127	43217	4.134	ng	# 36
37) 2-Methylnaphthalene	8.85	142	117466	7.036	ng	98
38) 1-Methylnaphthalene	8.95	142	99649	6.336	ng	98
46) 1,1'-Biphenyl	9.32	154	45981	2.233	ng	94
50) Dimethylphthalate	9.61	163	93354	4.776	ng	98
52) Acenaphthene	9.93	154	315007	21.036	ng	99
55) Dibenzofuran	10.10	168	302857	13.688	ng	99
56) 4-Nitrophenol	10.10	139	124757	40.859	ng	# 8
58) Fluorene	10.45	166	318302	17.821	ng	98
67) 4-Bromophenyl-phenylether	10.69	248	19370	3.370	ng	# 1
71) Phenanthrene	11.42	178	3150837	117.668	ng	97
72) Anthracene	11.47	178	954316	35.605	ng	99
73) Carbazole	11.62	167	315822	13.279	ng	99
75) Fluoranthene	12.62	202	2991441	110.695	ng	97
78) Pvrene	12.85	202	2594974	90.168	ng	97
81) Benzo(a)anthracene	14.03	228	1154965	46.819	ng	99
83) Chrysene	14.07	228	951158	40.268	ng	97
86) Indeno(1,2,3-cd)pyrene	17.03	276	469718	23.338	ng	94
88) Benzo(b)fluoranthene	15.10	252	1374018	64.941	ng	98
89) Benzo(k)fluoranthene	15.10	252	1374018	67.635	ng	99
90) Benzo(a)pyrene	15.47	252	753943	40.451	ng	96
91) Dibenzo(a,h)anthracene	17.20	278	98508	6.090	ng	94
92) Benzo(g,h,i)perylene	17.48	276	453612	29.033	ng	98

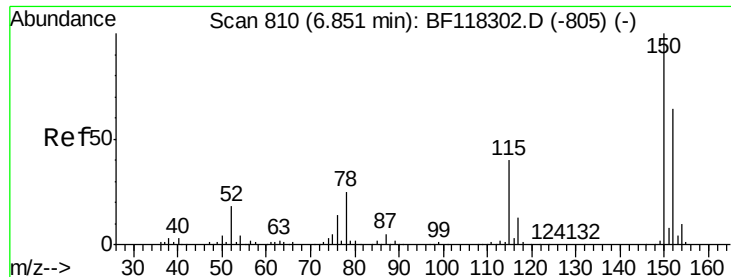
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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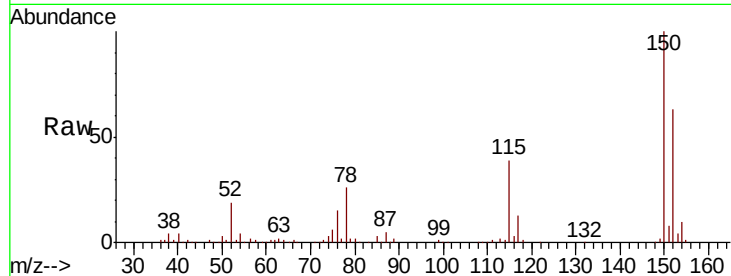




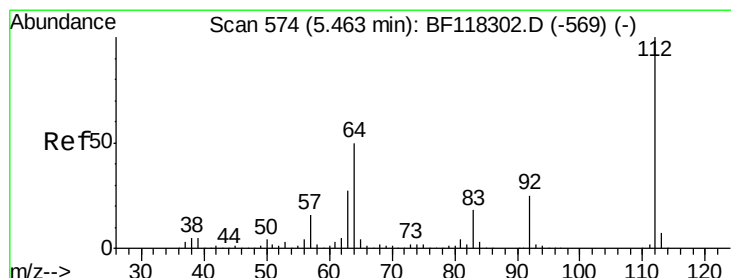
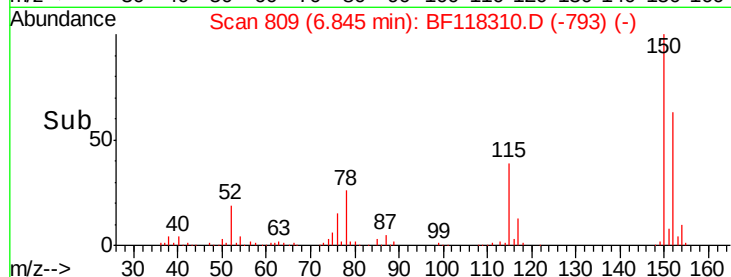
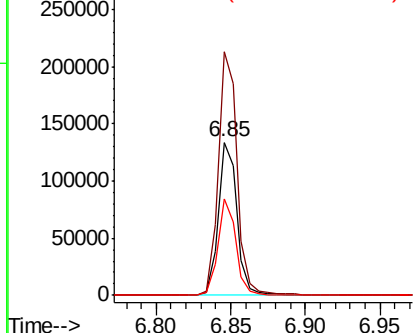
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 117275
 Ion Ratio Lower Upper
 152 100
 150 159.0 125.4 188.2
 115 62.6 50.2 75.4

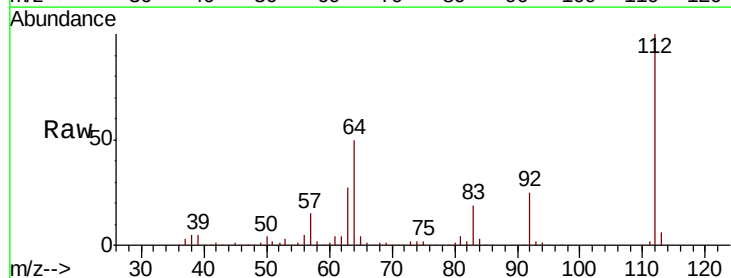


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

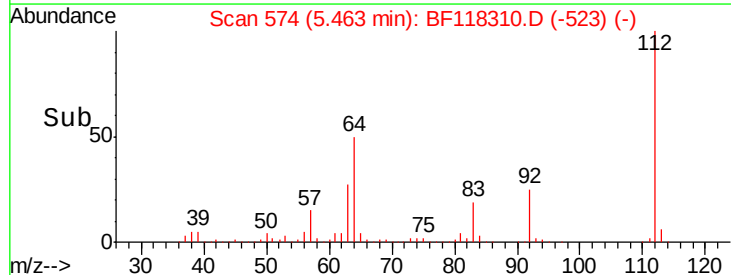
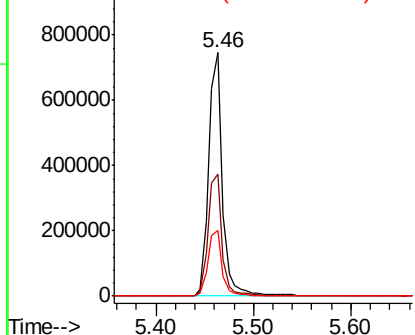


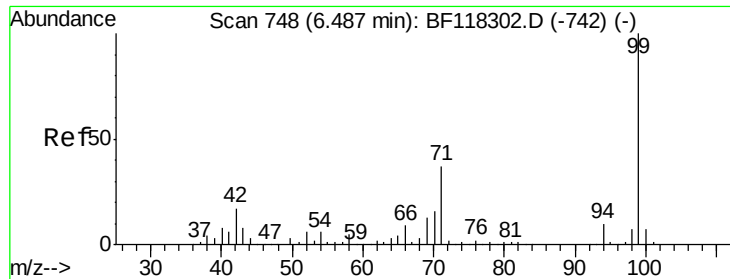
#5
 2-Fluorophenol
 Concen: 107.012 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

Tgt Ion:112 Resp: 735205
 Ion Ratio Lower Upper
 112 100
 64 49.9 39.7 59.5
 63 27.1 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 109.484 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

Instrument :

BNA_F

ClientSampled :

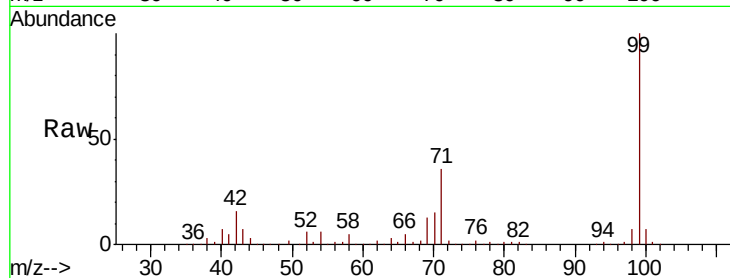
Tot Ion: 99 Resp: 933110

Ion Ratio Lower Upper

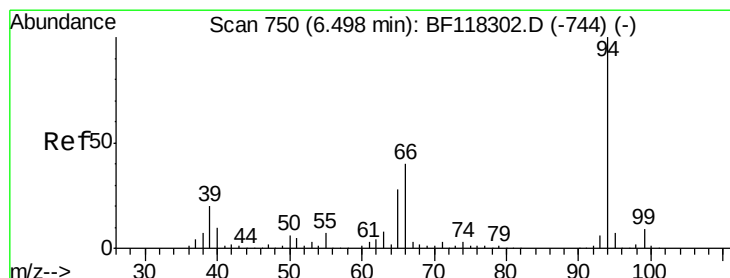
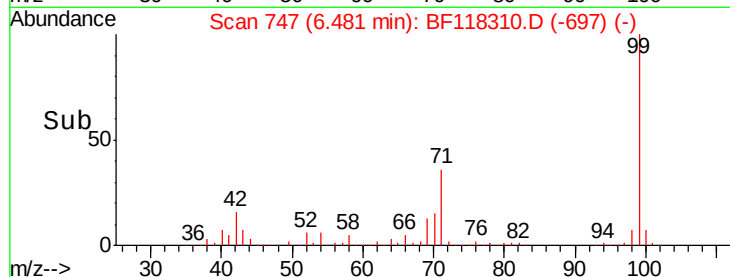
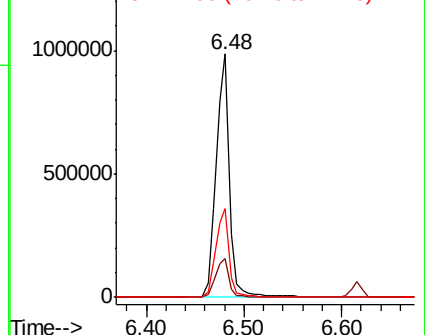
99 100

42 16.1 13.5 20.3

71 36.3 29.4 44.2



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



#10

Phenol

Concen: 3.891 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

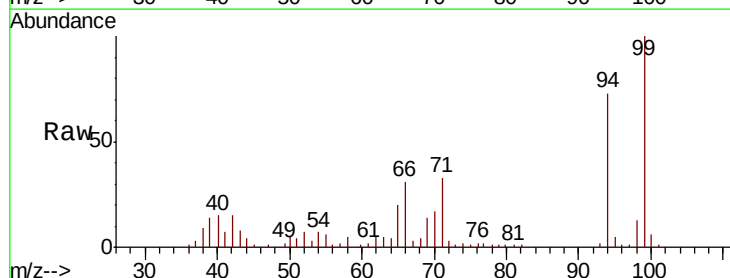
Tgt Ion: 94 Resp: 37277

Ion Ratio Lower Upper

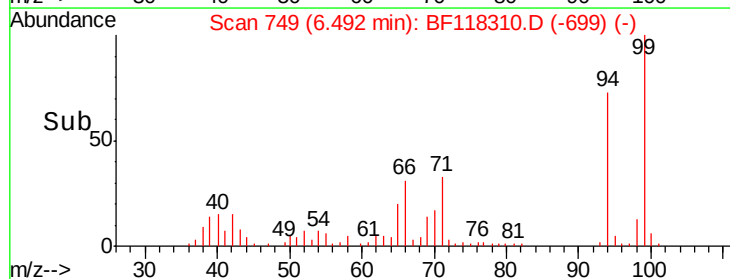
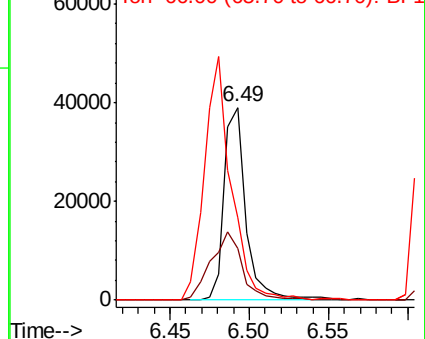
94 100

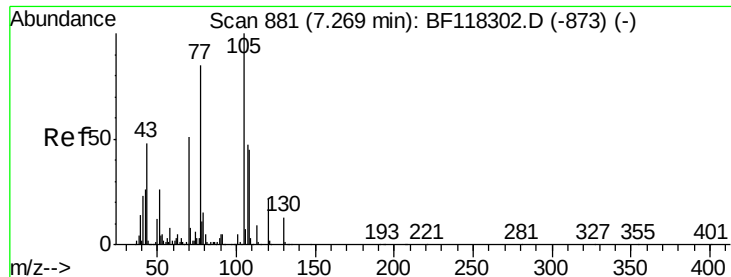
65 26.9 7.8 47.8

66 42.9 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

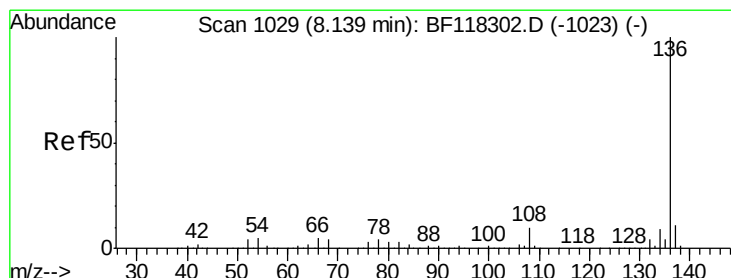
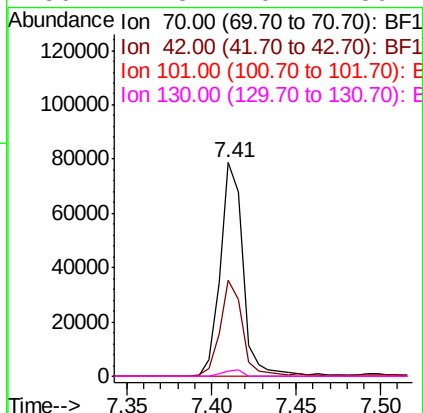
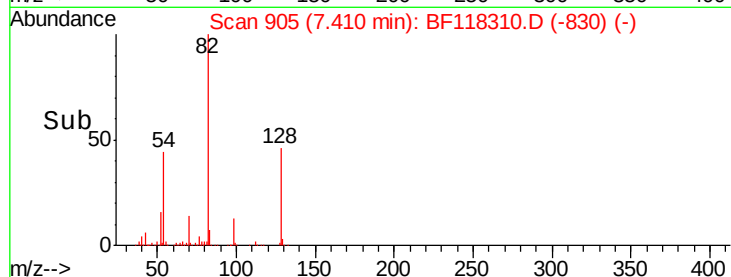
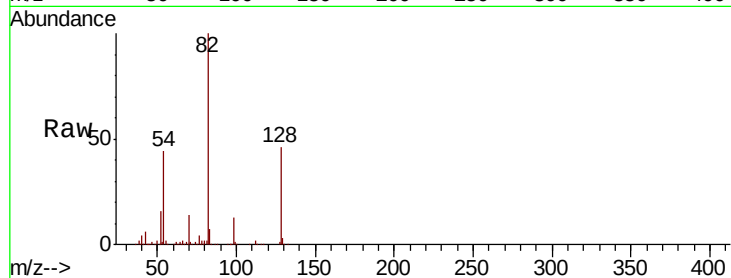




#19
n-Nitroso-di-n-propylamine
Concen: 14.221 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

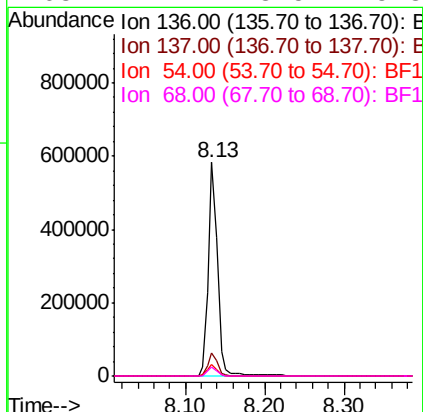
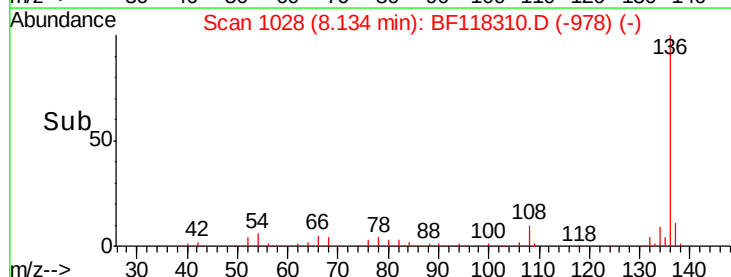
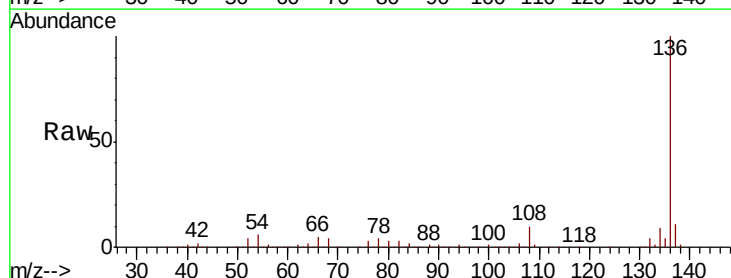
Instrument :
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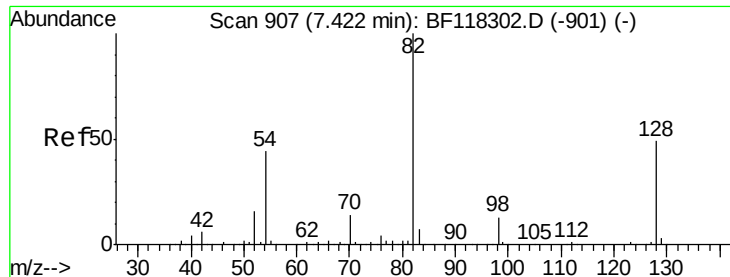
Tot Ion: 70 Resp: 74664
Ion Ratio Lower Upper
70 100
42 45.0 41.1 61.7
101 0.0 8.3 12.5#
130 2.3 20.1 30.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

Tgt Ion:136 Resp: 479736
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 5.7 4.2 6.4
68 4.4 3.5 5.3

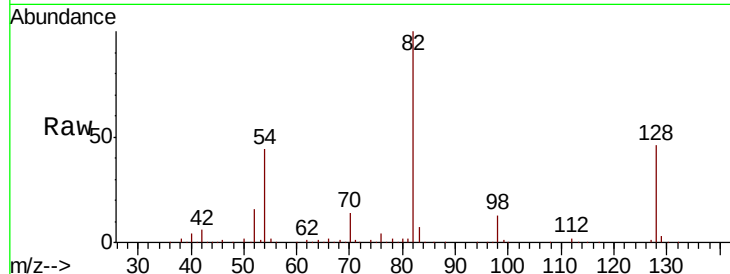




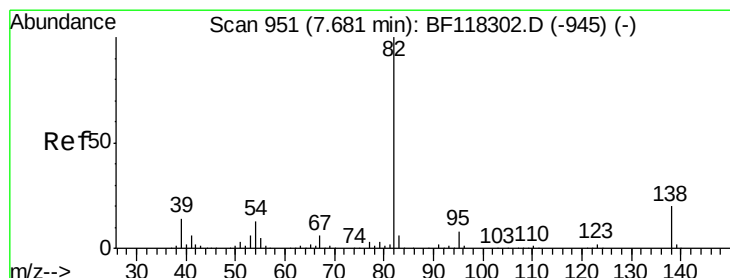
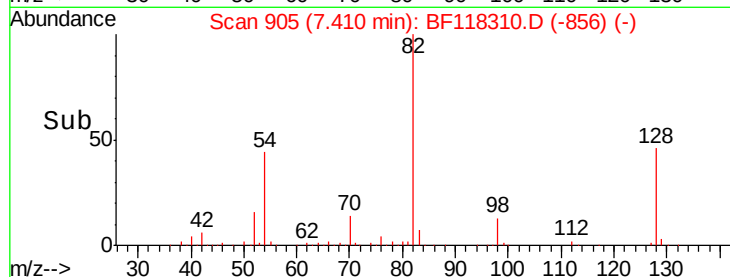
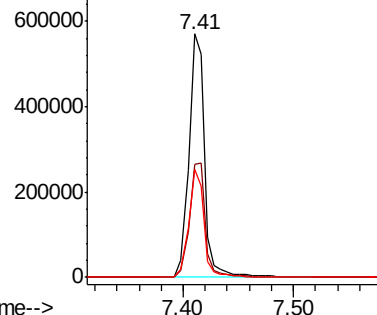
#23
 Nitrobenzene-d5
 Concen: 66.659 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 559122
 Ion Ratio Lower Upper
 82 100
 128 46.4 39.6 59.4
 54 44.2 34.9 52.3

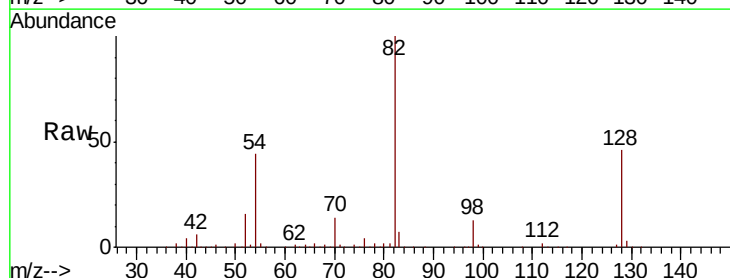


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

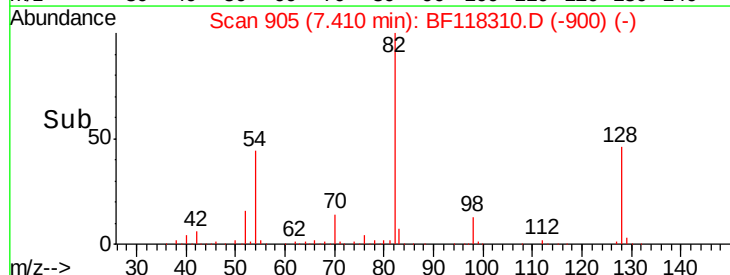
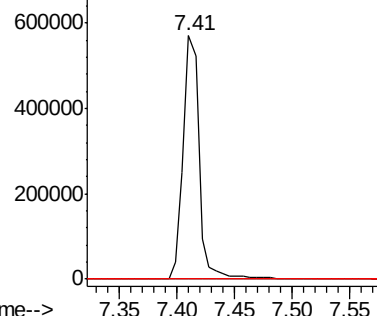


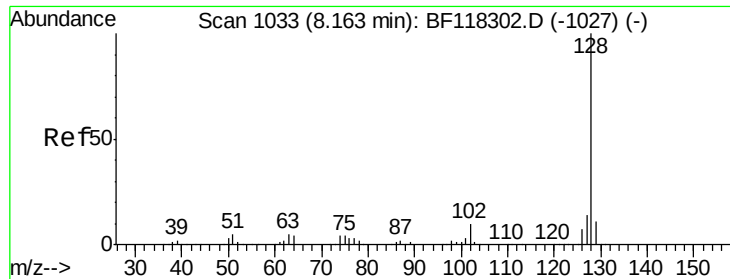
#25
 Isophorone
 Concen: 38.248 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.27 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

Tgt Ion: 82 Resp: 559115
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.3 9.5#
 138 0.0 16.2 24.2#



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

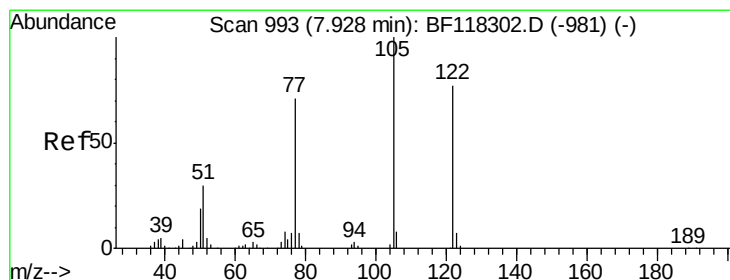
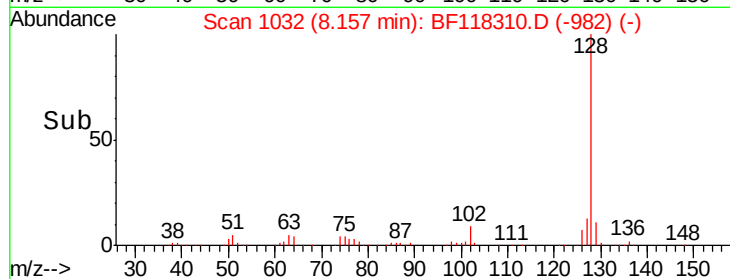
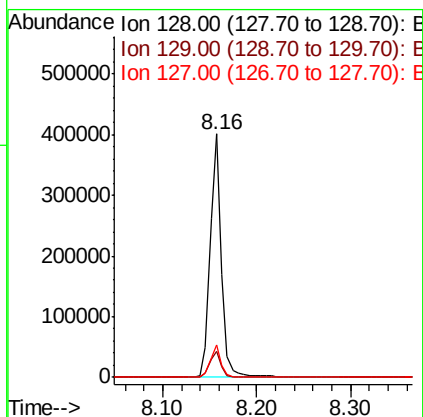
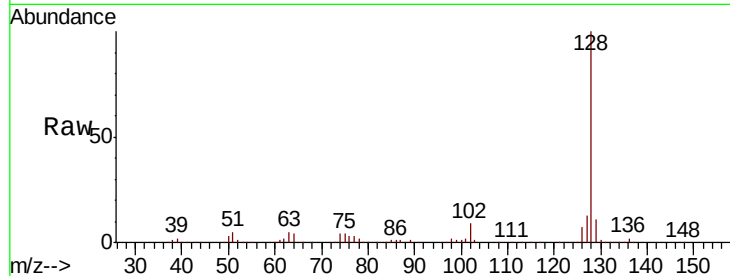




#31
Naphthalene
Concen: 14.098 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

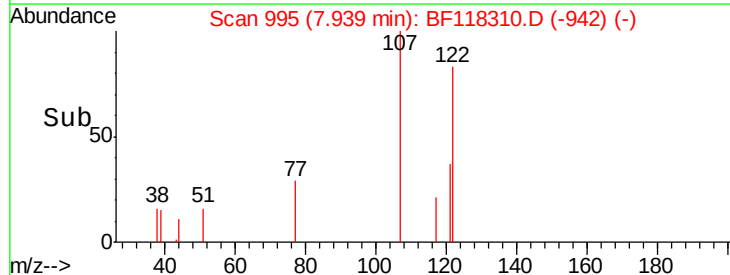
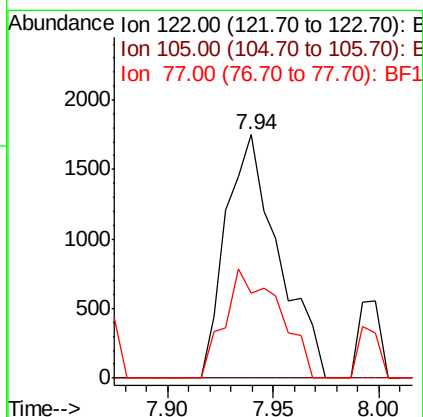
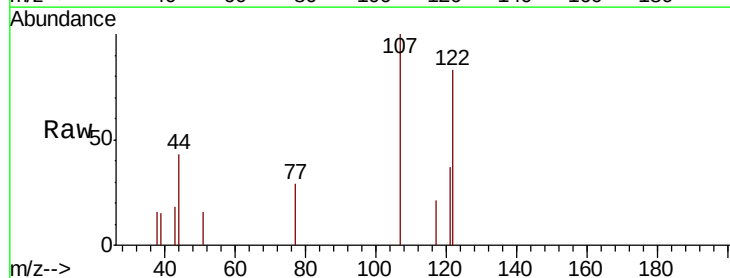
Instrument :
BNA_F
ClientSampleId :

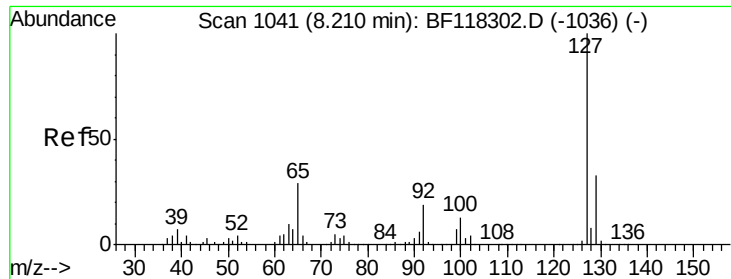
Tot Ion:128 Resp: 343758
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 11.0 16.4



#32
Benzoic acid
Concen: 6.196 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

Tgt Ion:122 Resp: 3020
Ion Ratio Lower Upper
122 100
105 0.0 106.8 146.8#
77 35.0 70.4 110.4#

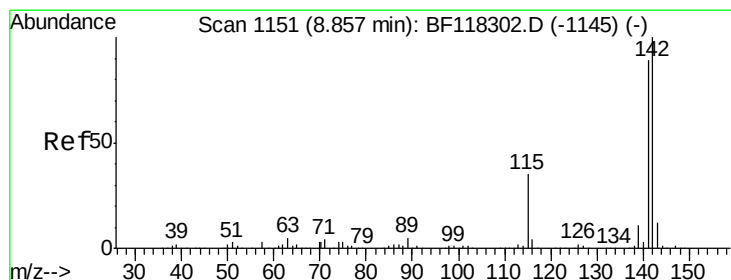
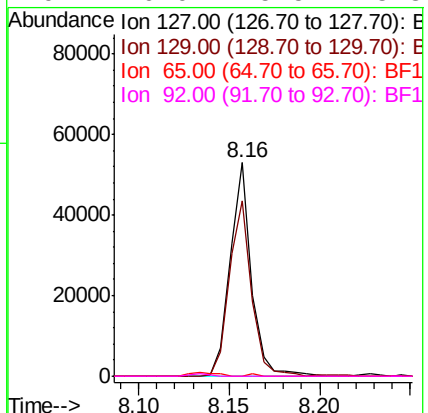
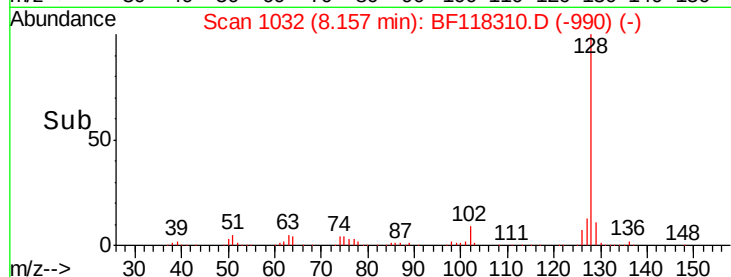
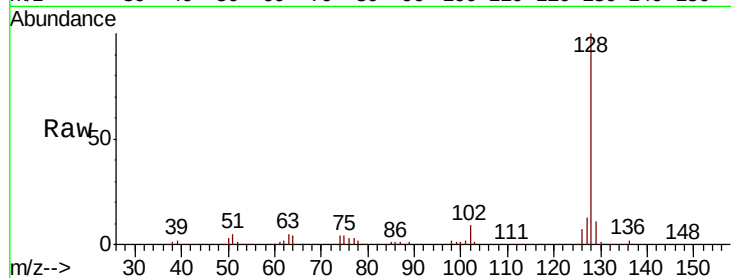




#33
4-Chloroaniline
Concen: 4.134 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

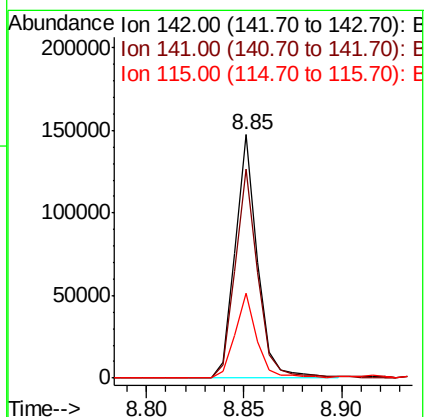
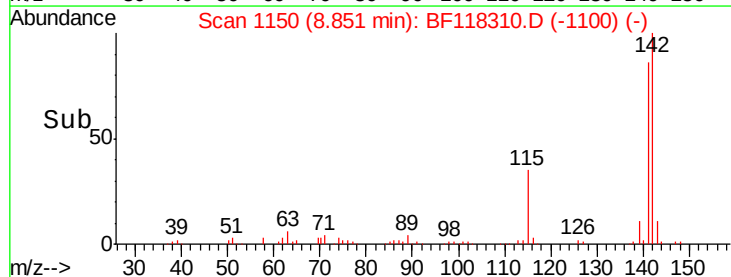
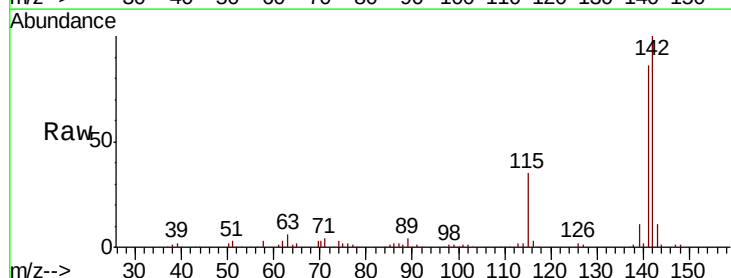
Instrument :
BNA_F
ClientSampleId :

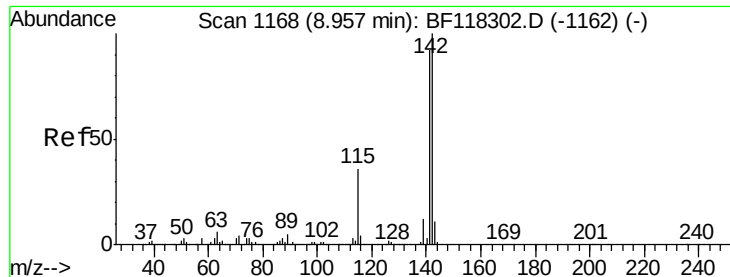
Tot Ion:127 Resp: 43217
Ion Ratio Lower Upper
127 100
129 82.0 26.5 39.7#
65 0.0 22.8 34.2#
92 0.0 15.5 23.3#



#37
2-Methylnaphthalene
Concen: 7.036 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

Tgt Ion:142 Resp: 117466
Ion Ratio Lower Upper
142 100
141 86.1 71.2 106.8
115 34.9 28.0 42.0

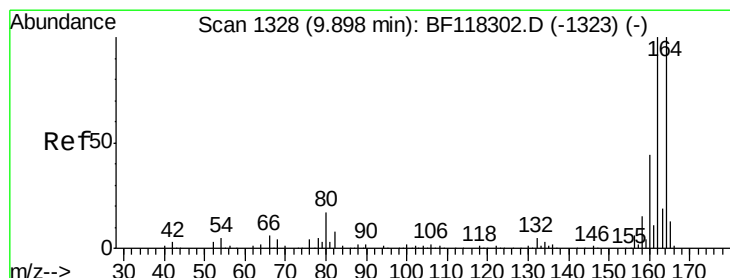
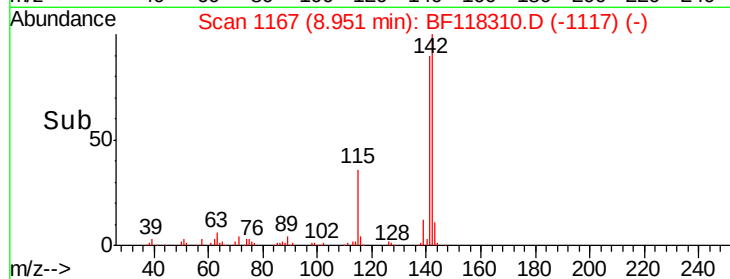
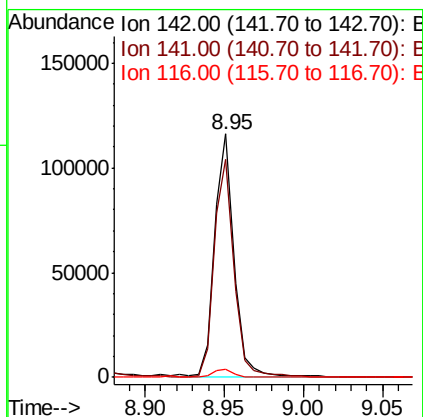
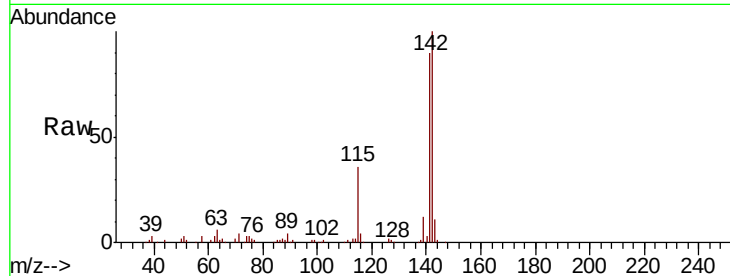




#38
1-Methylnaphthalene
Concen: 6.336 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

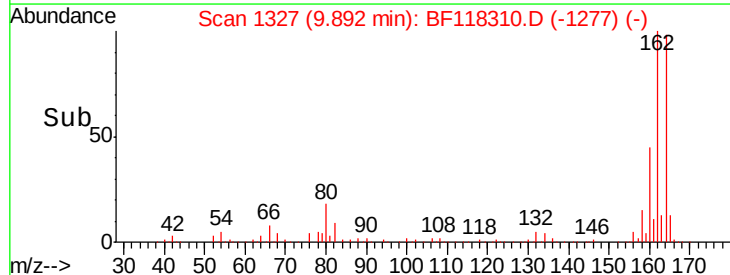
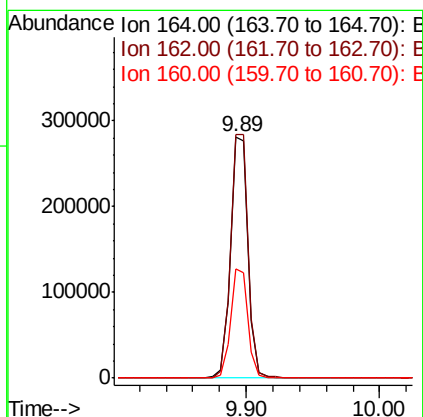
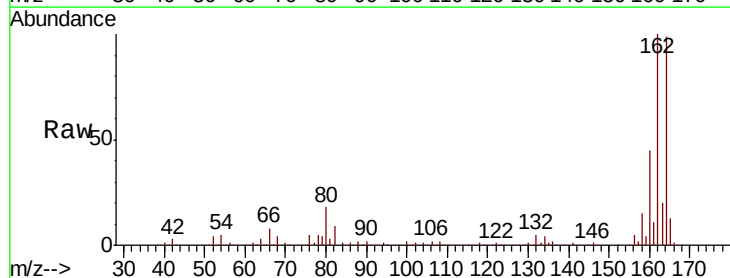
Instrument :
BNA_F
ClientSampleId :

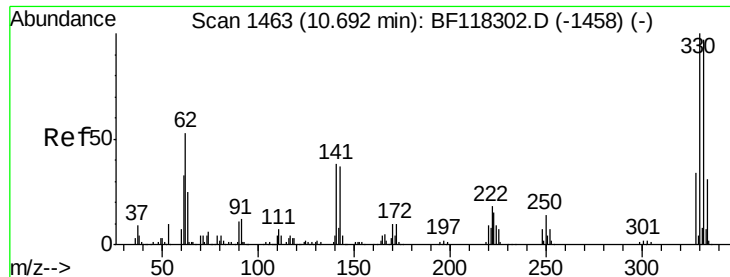
Tot Ion:142 Resp: 99649
Ion Ratio Lower Upper
142 100
141 89.6 73.4 110.2
116 3.6 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

Tgt Ion:164 Resp: 260395
Ion Ratio Lower Upper
164 100
162 100.9 80.0 120.0
160 45.2 34.8 52.2

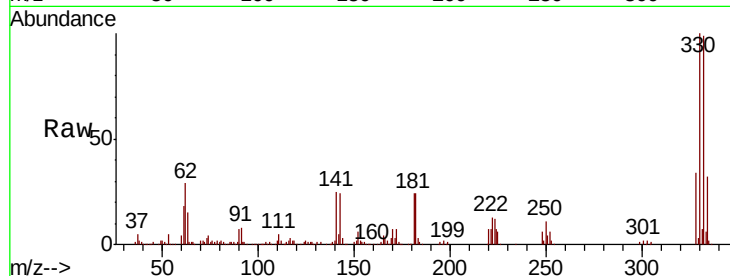




#42
 2,4,6-Tribromophenol
 Concen: 100.304 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	34.3	26.0	39.0

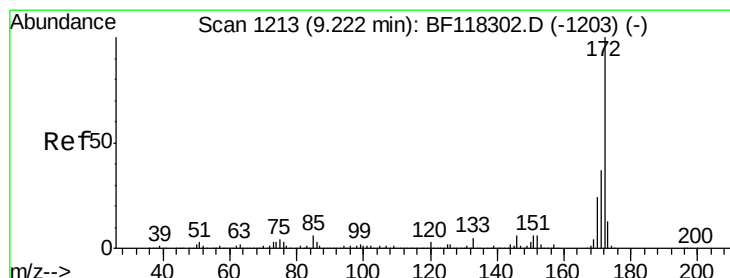
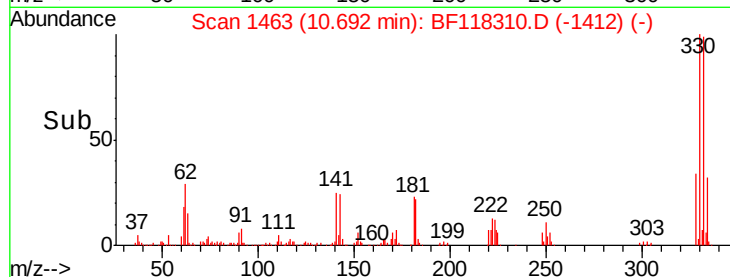
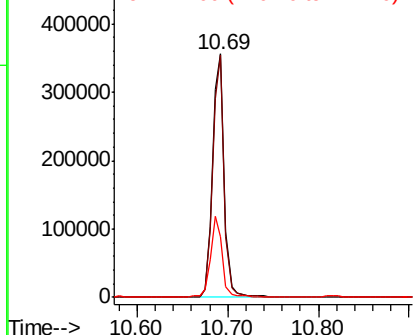


Abundance

Ion 329.80 (329.50 to 330.50): E

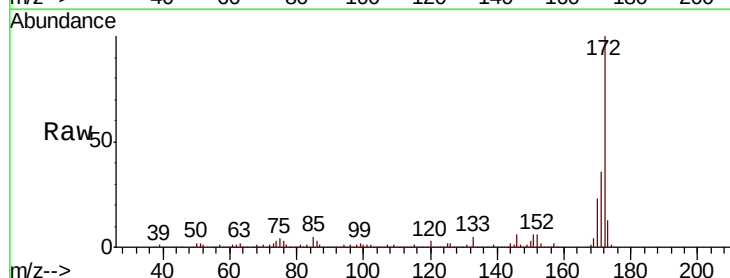
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.544 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.3	43.9
170	23.5	19.2	28.8

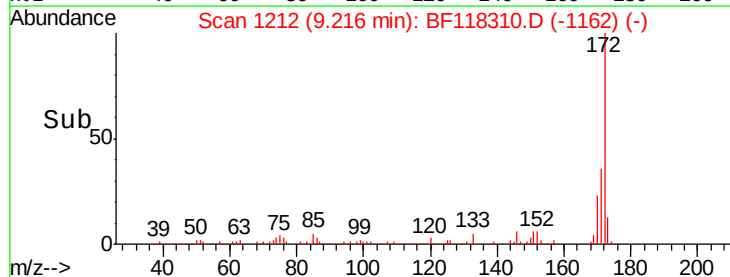
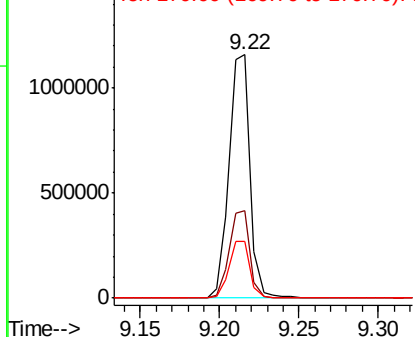


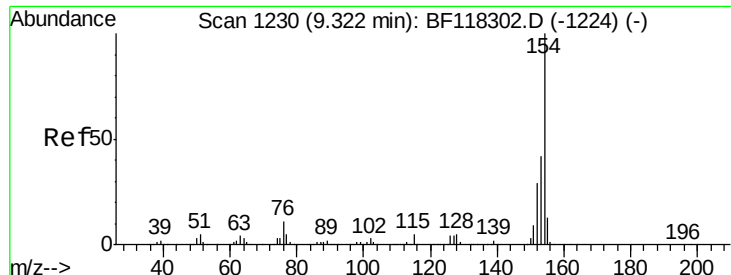
Abundance

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

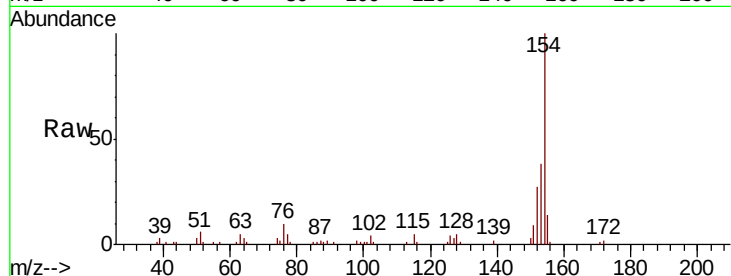




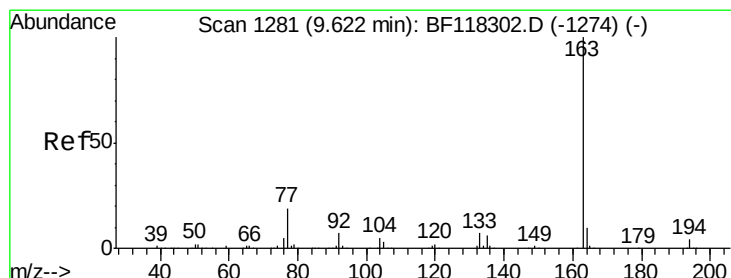
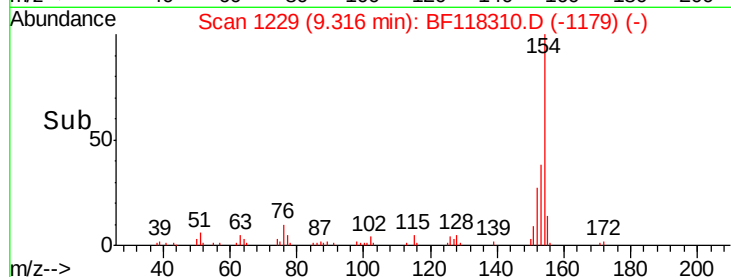
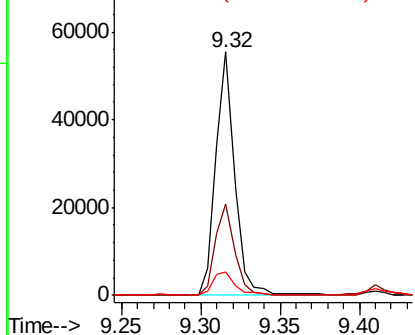
#46
 1,1'-Biphenyl
 Concen: 2.233 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 45981
 Ion Ratio Lower Upper
 154 100
 153 37.5 21.8 61.8
 76 9.7 0.0 30.9

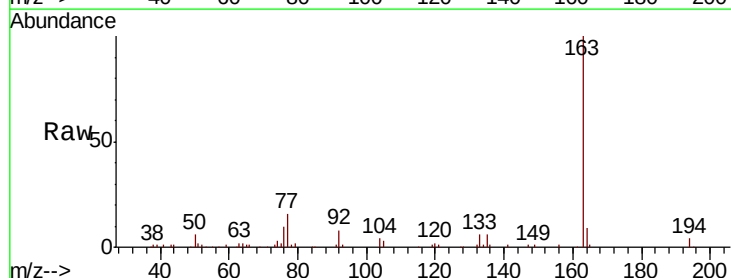


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

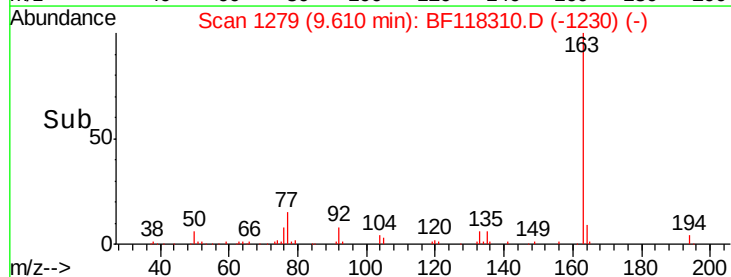
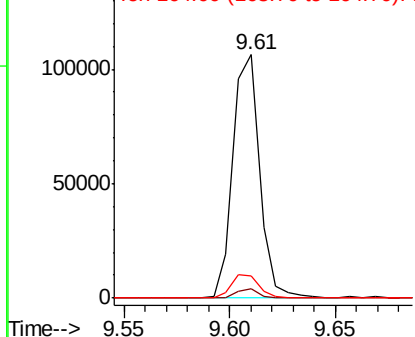


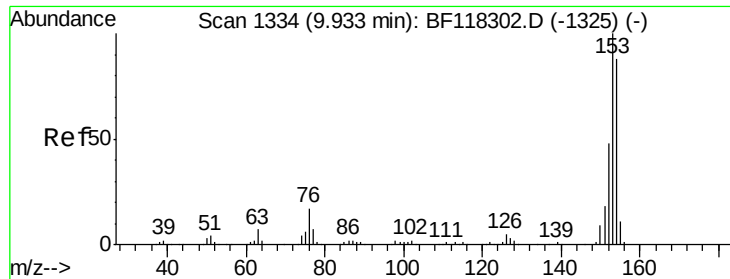
#50
 Dimethylphthalate
 Concen: 4.776 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

Tgt Ion:163 Resp: 93354
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.2 4.8
 164 9.1 7.9 11.9



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: 21.036 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

Instrument :

BNA_F

ClientSampled :

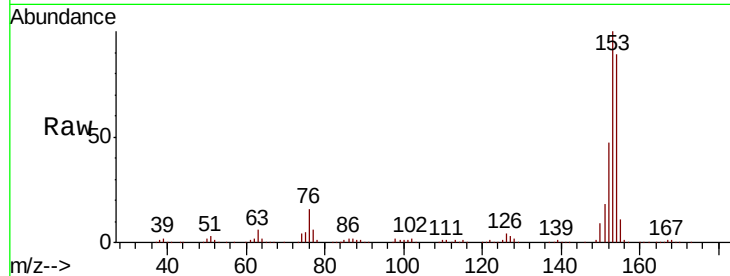
Tot Ion:154 Resp: 315007

Ion Ratio Lower Upper

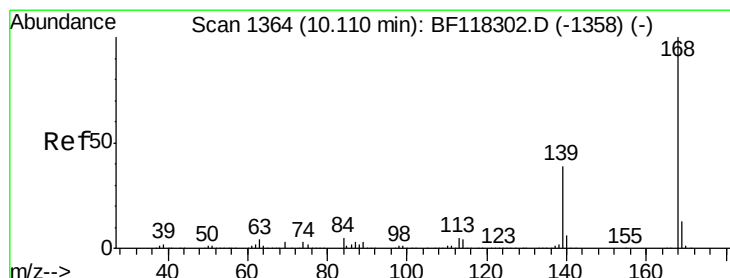
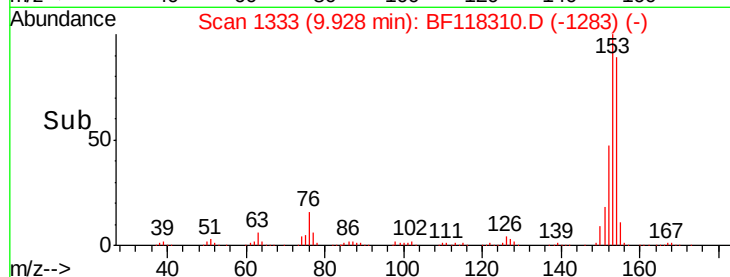
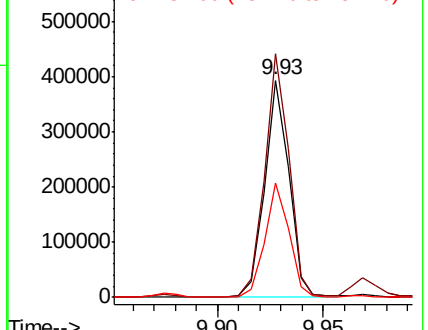
154 100

153 112.1 90.6 136.0

152 52.7 43.1 64.7



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



#55

Dibenzofuran

Concen: 13.688 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

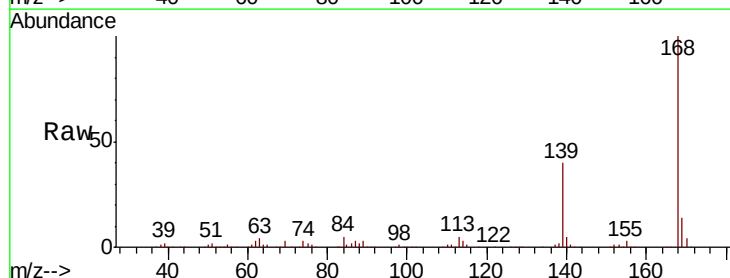
Tgt Ion:168 Resp: 302857

Ion Ratio Lower Upper

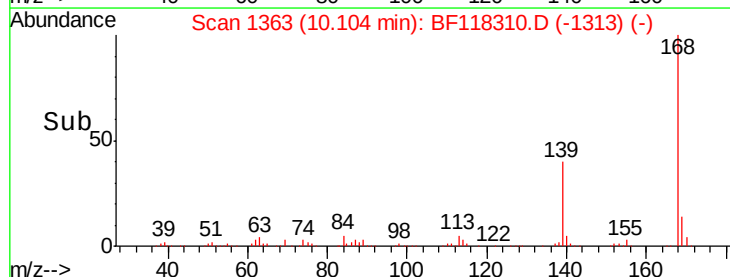
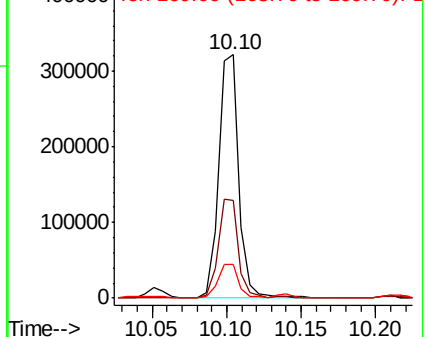
168 100

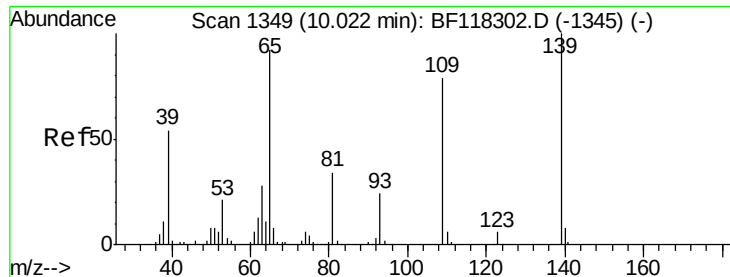
139 40.0 31.5 47.3

169 13.8 10.4 15.6



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

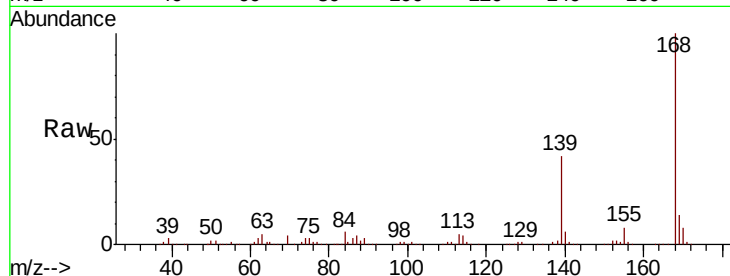




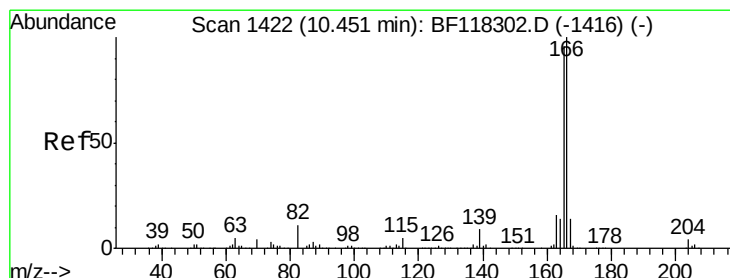
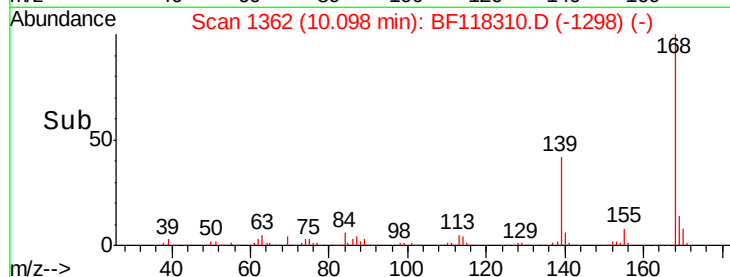
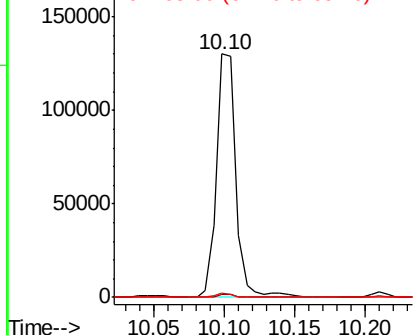
#56
4-Nitrophenol
Concen: 40.859 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.08 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.1	59.3	99.3#
65	1.6	72.4	112.4#

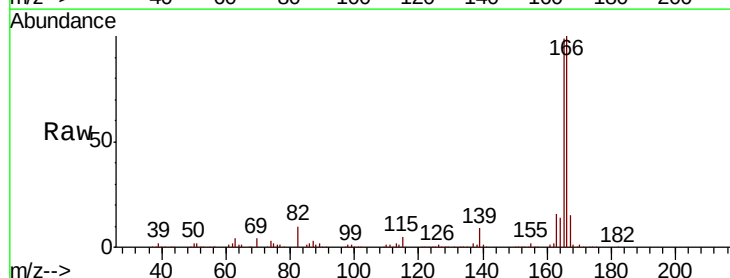


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

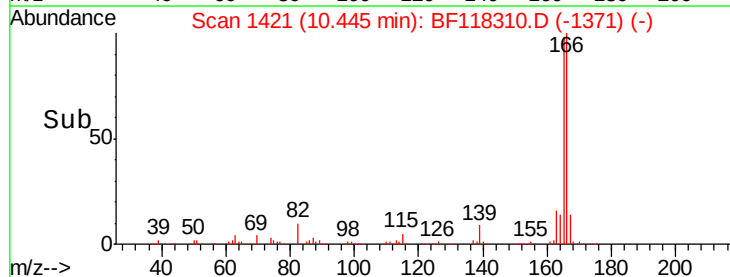
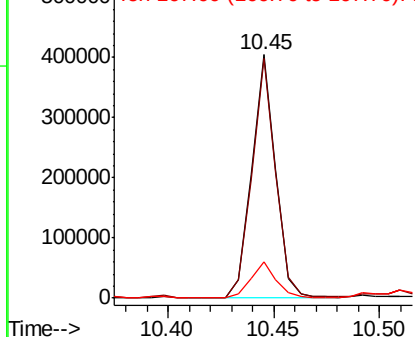


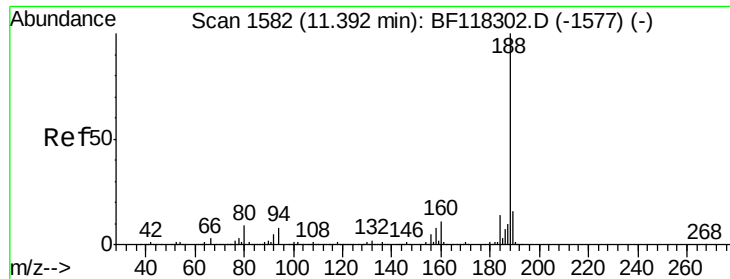
#58
Fluorene
Concen: 17.821 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.0	115.4
167	14.6	10.9	16.3



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: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

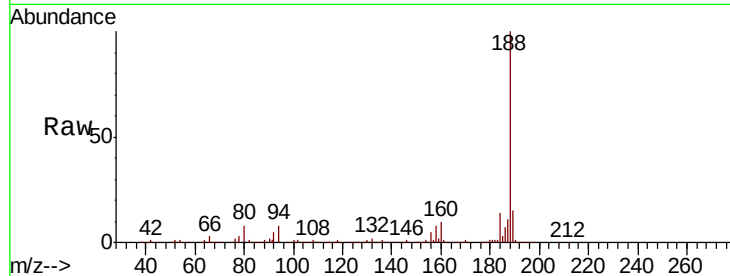
Tot Ion:188 Resp: 491194

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

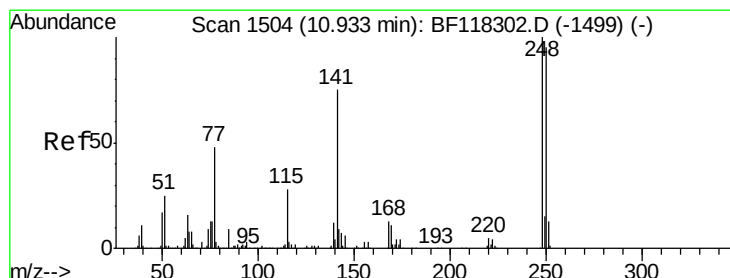
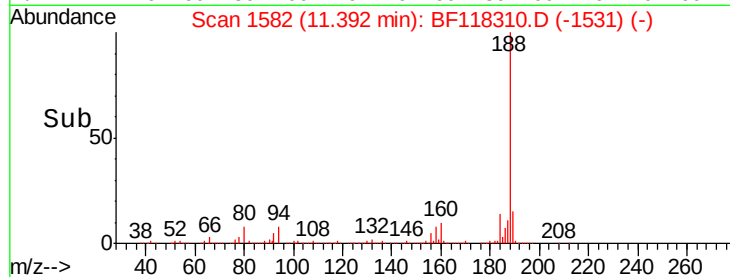
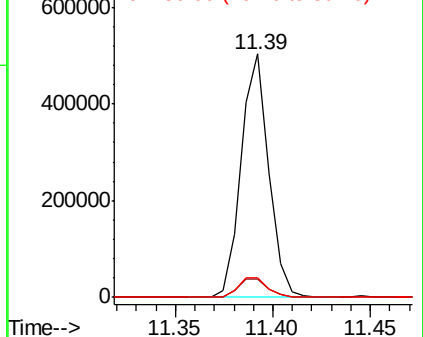
80 8.0 7.2 10.8



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: 3.370 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.24 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

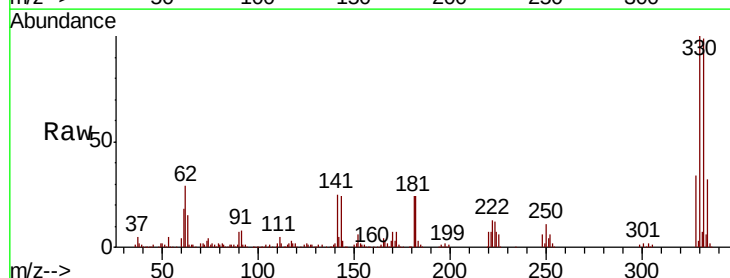
Tgt Ion:248 Resp: 19370

Ion Ratio Lower Upper

248 100

250 193.9 76.4 114.6#

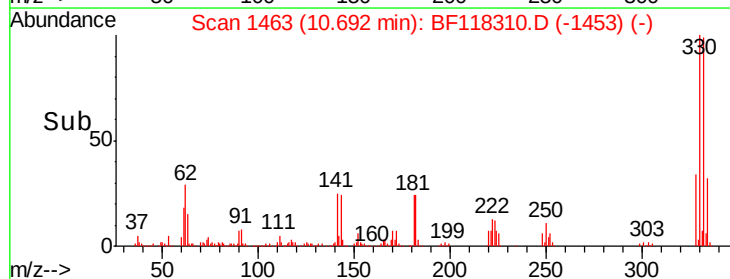
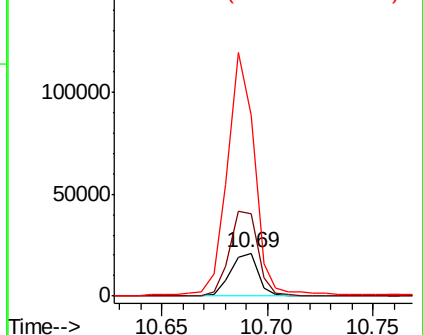
141 425.4 60.2 90.2#

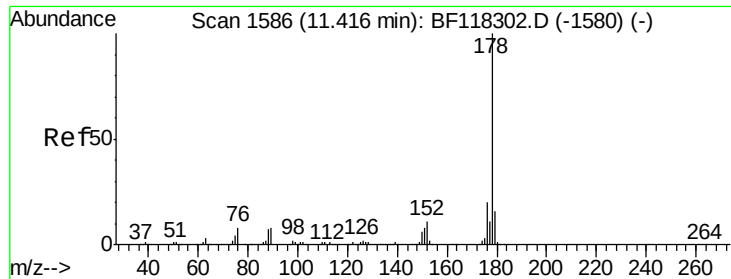


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

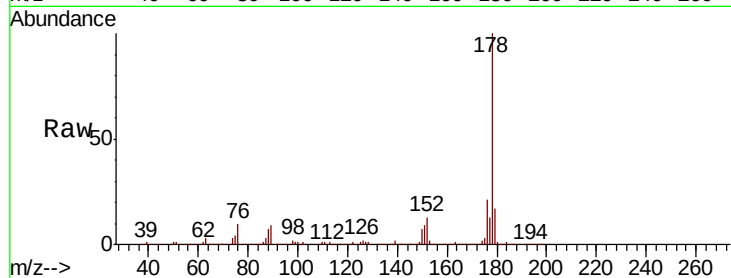




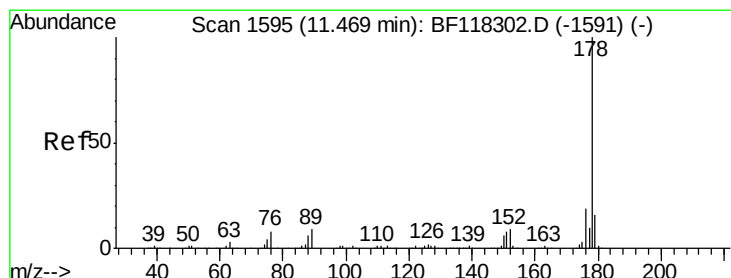
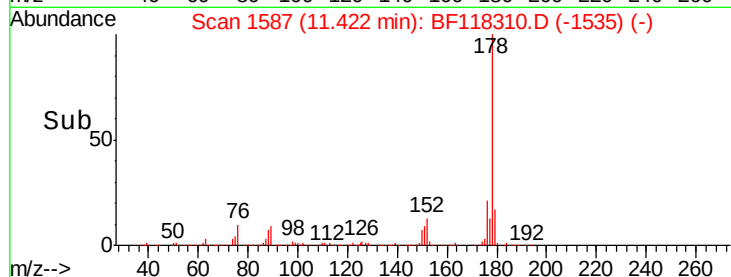
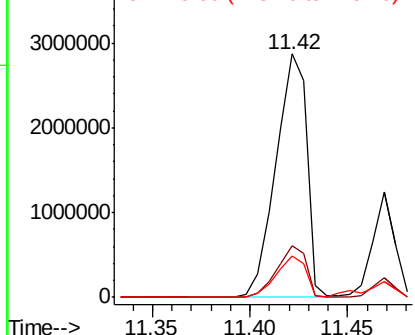
#71
Phenanthrene
Concen: 117.668 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 3150837
Ion Ratio Lower Upper
178 100
176 21.0 15.6 23.4
179 17.2 12.6 19.0

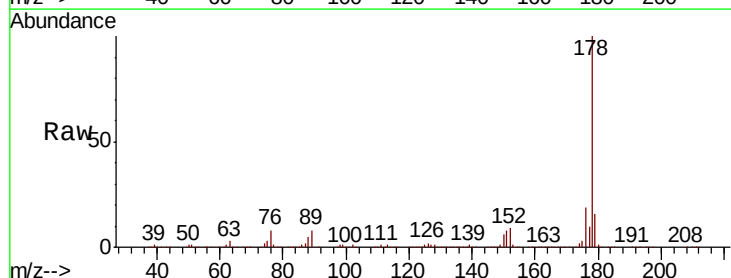


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

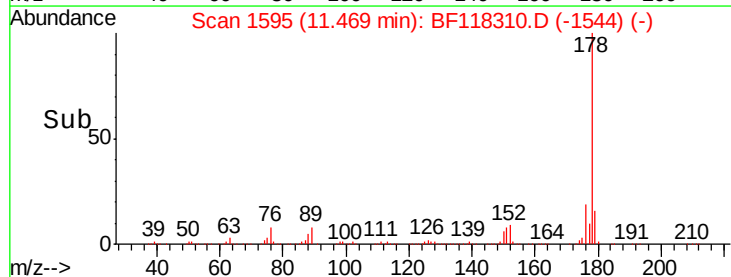
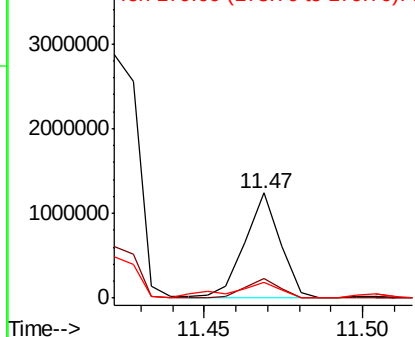


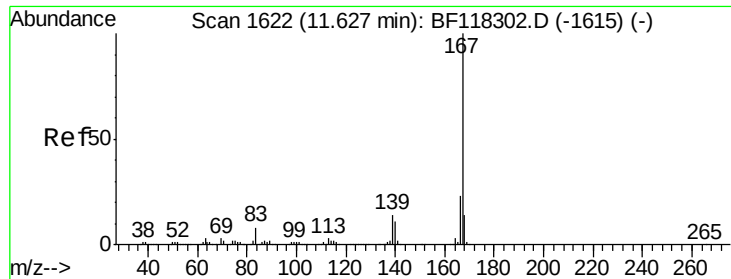
#72
Anthracene
Concen: 35.605 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

Tgt Ion:178 Resp: 954316
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.6 12.9 19.3



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

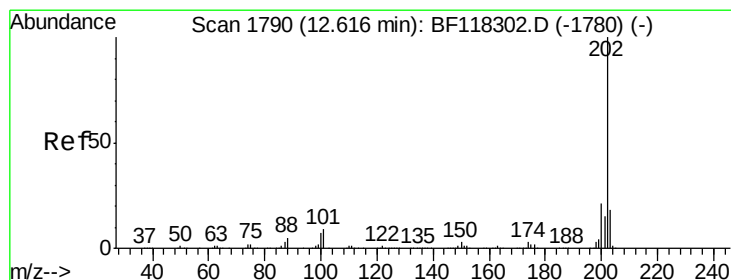
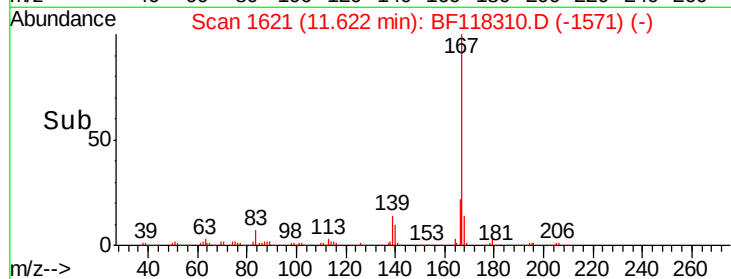
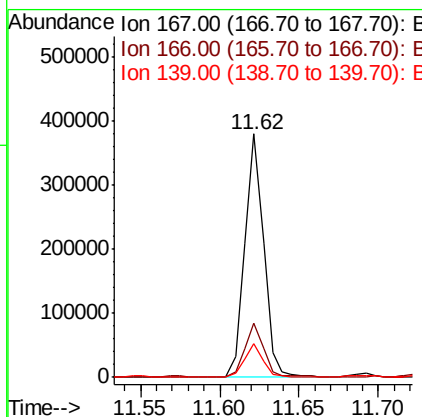
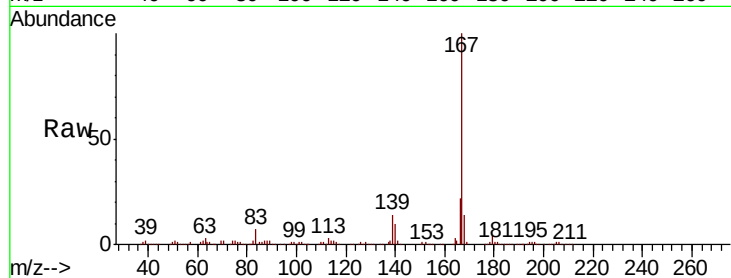




#73
 Carbazole
 Concen: 13.279 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

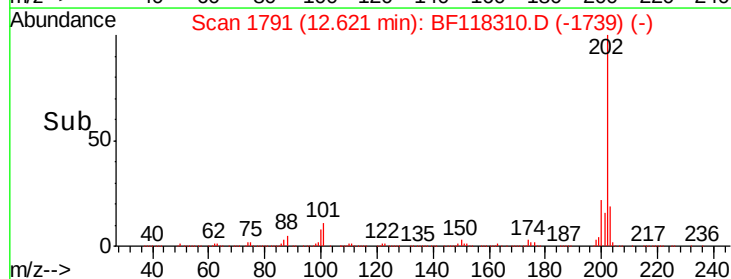
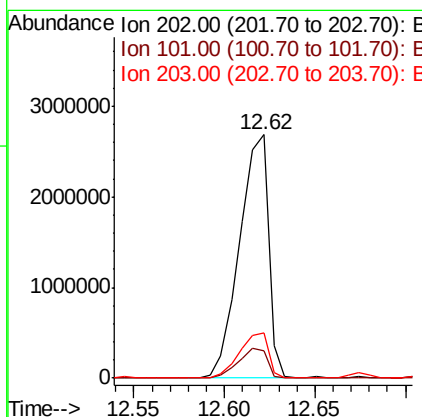
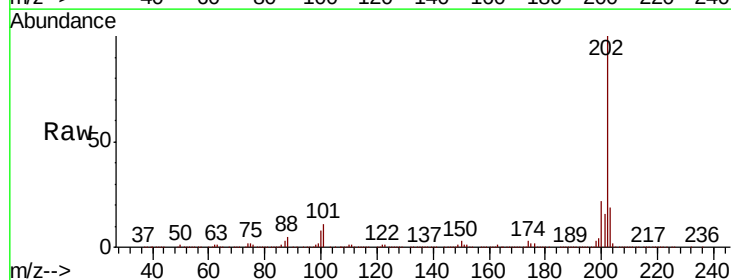
Instrument :
 BNA_F
 ClientSampleId :

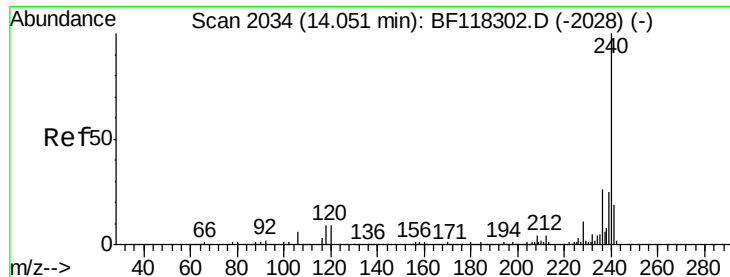
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.9	11.5	17.3



#75
 Fluoranthene
 Concen: 110.695 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.5
203	18.5	0.0	37.6

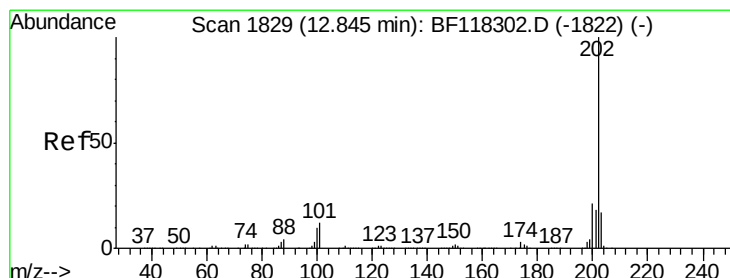
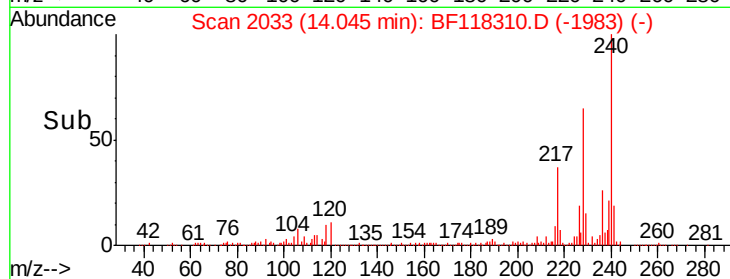
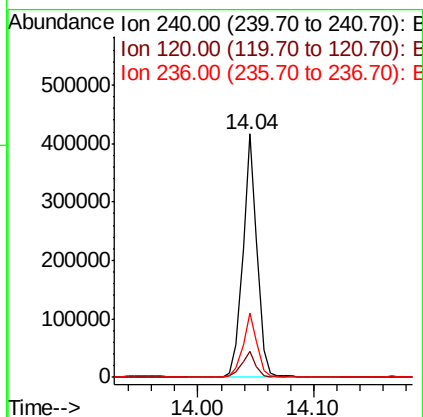
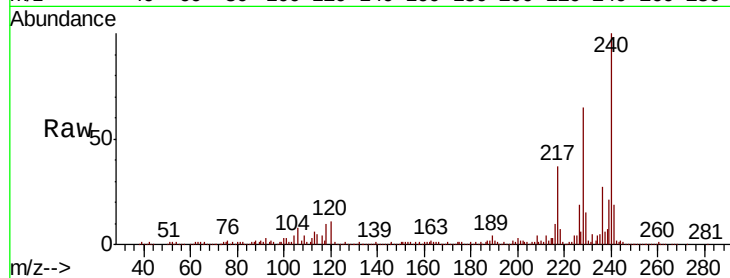




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

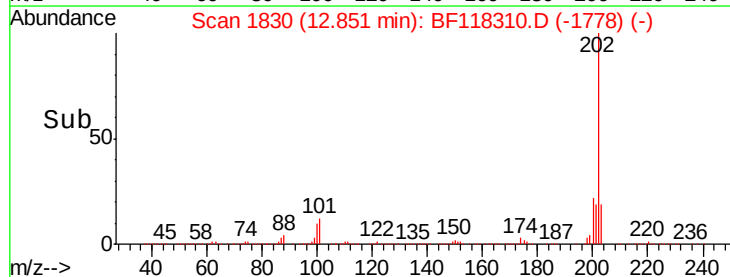
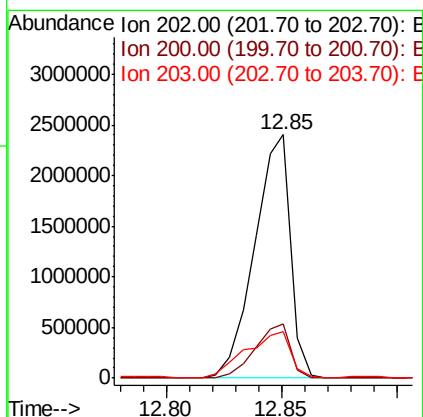
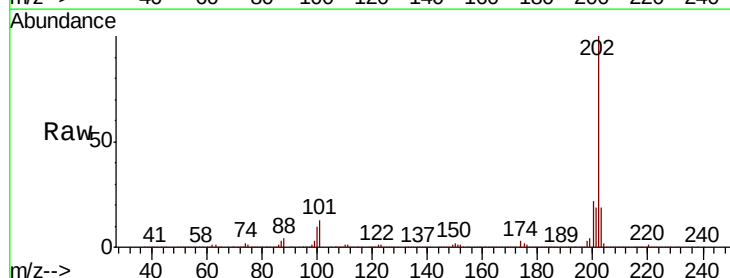
Instrument :
BNA_F
ClientSampleId :

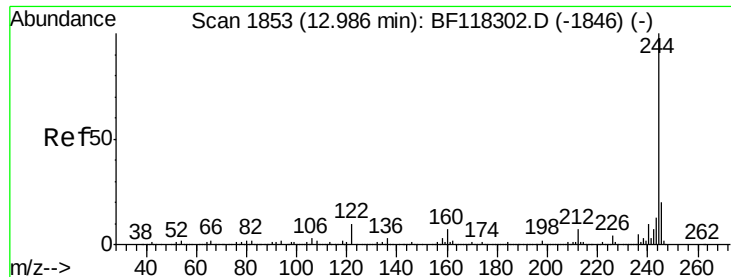
Tot Ion:240 Resp: 352427
Ion Ratio Lower Upper
240 100
120 10.6 7.1 10.7
236 26.6 21.0 31.6



#78
Pyrene
Concen: 90.168 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

Tgt Ion:202 Resp: 2594974
Ion Ratio Lower Upper
202 100
200 22.2 16.8 25.2
203 19.2 13.9 20.9

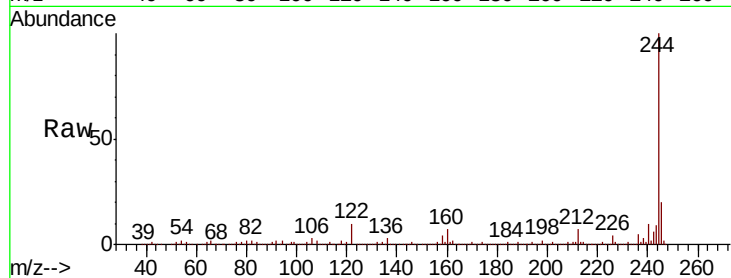




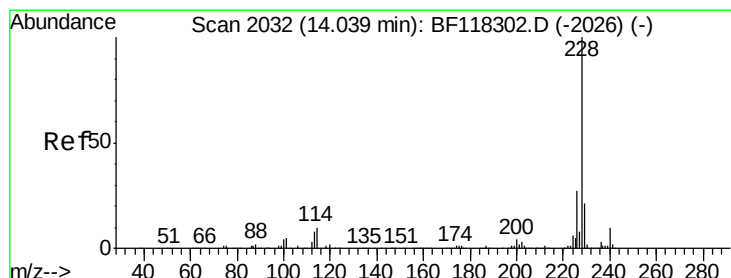
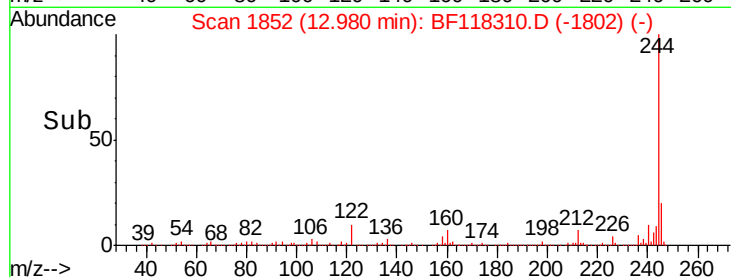
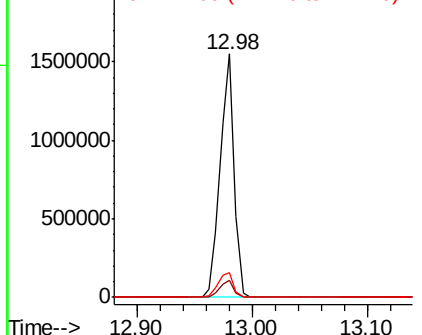
#79
 Terphenyl-d14
 Concen: 61.369 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1303669
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.4 7.8 11.8

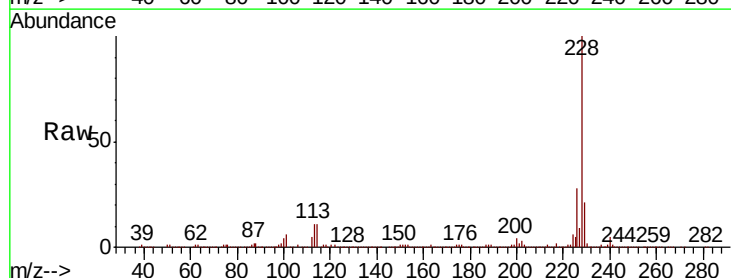


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

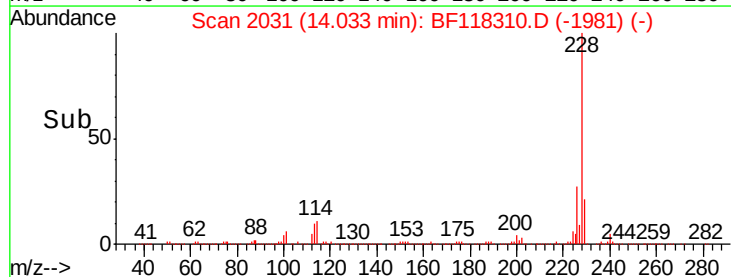
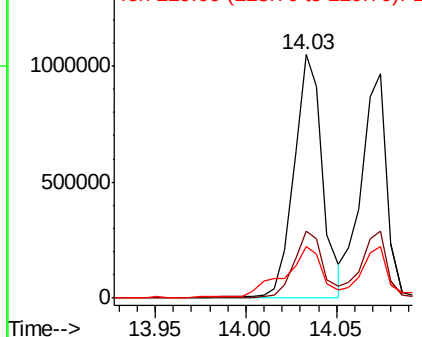


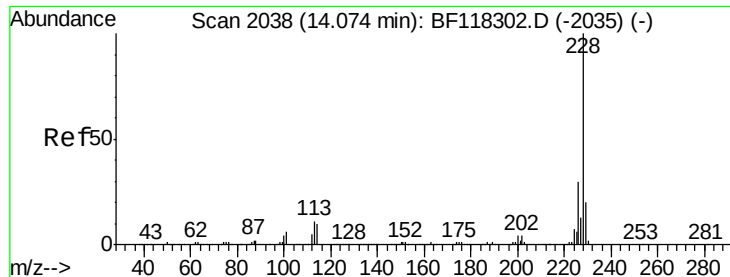
#81
 Benzo(a)anthracene
 Concen: 46.819 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118310.D
 Acq: 26 Dec 2019 12:17

Tgt Ion:228 Resp: 1154965
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.0 33.0
 229 21.4 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: 40.268 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

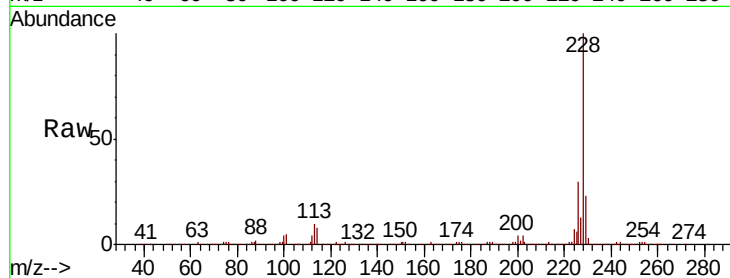
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 951158

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	22.9	16.1	24.1

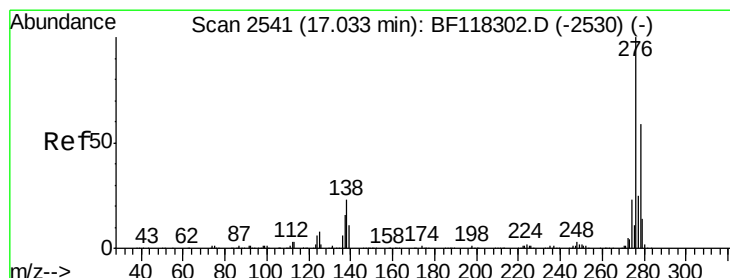
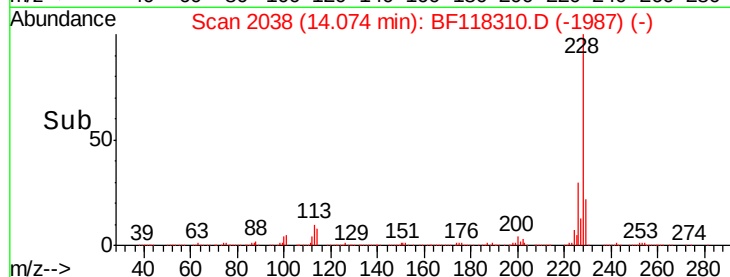
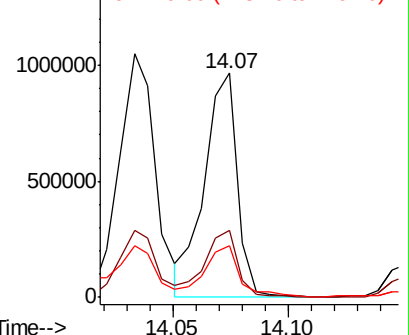


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 23.338 ng

RT: 17.03 min Scan# 2541

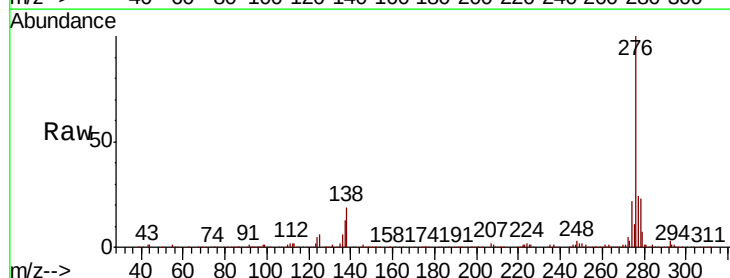
Delta R.T. 0.00 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

Tgt Ion:276 Resp: 469718

Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.5	29.3
277	24.3	20.6	30.8

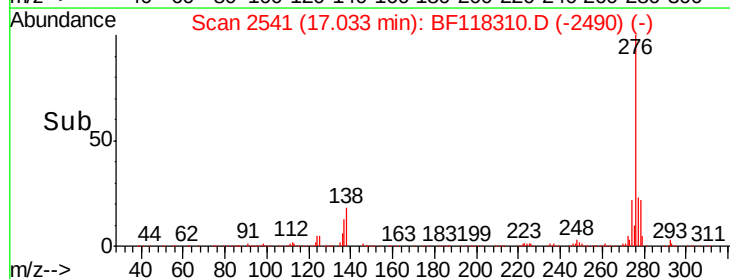
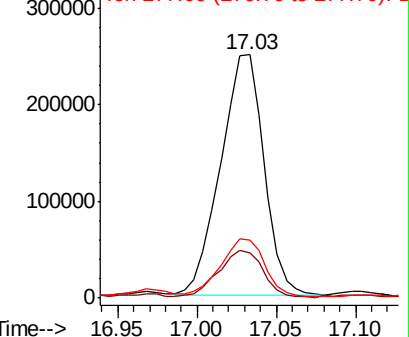


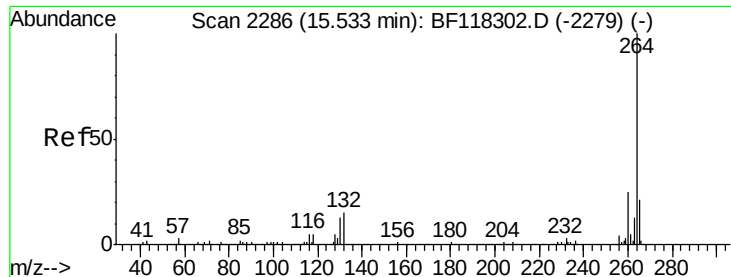
Abundance

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: 15.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

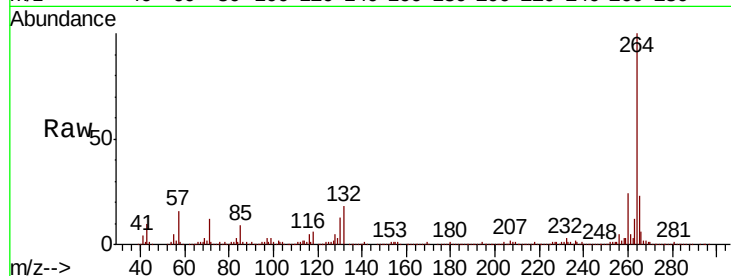
Tot Ion:264 Resp: 318738

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

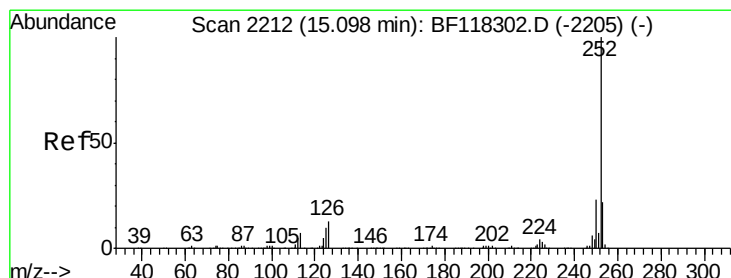
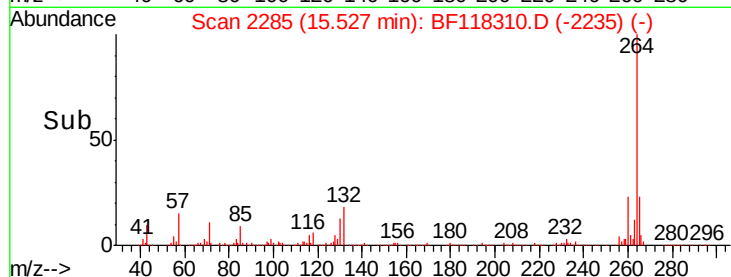
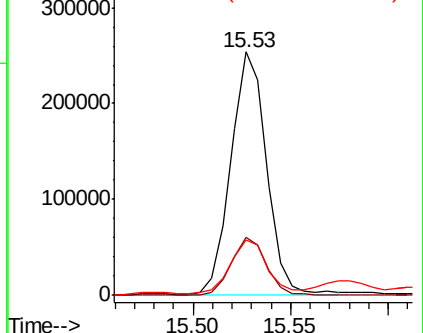
265 23.0 17.0 25.4



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: 64.941 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

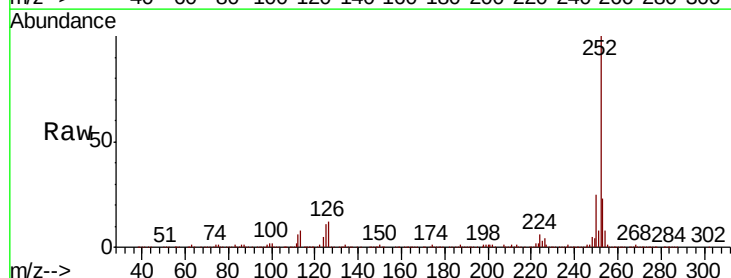
Tgt Ion:252 Resp: 1374018

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

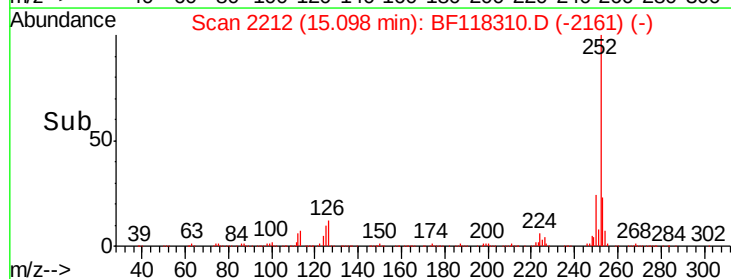
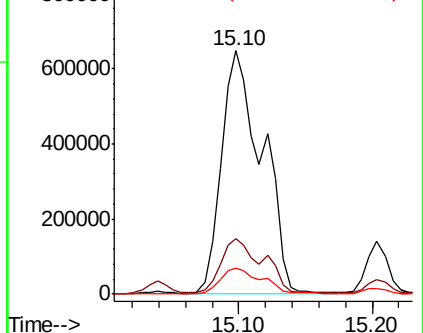
125 10.6 7.7 11.5

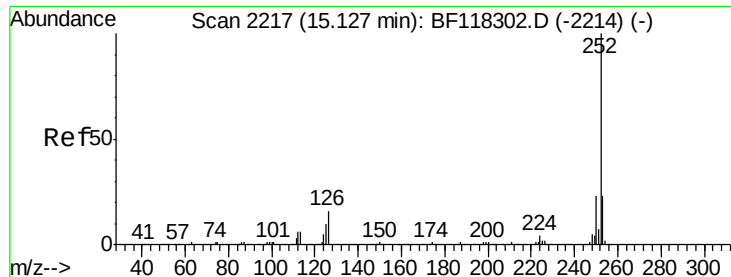


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

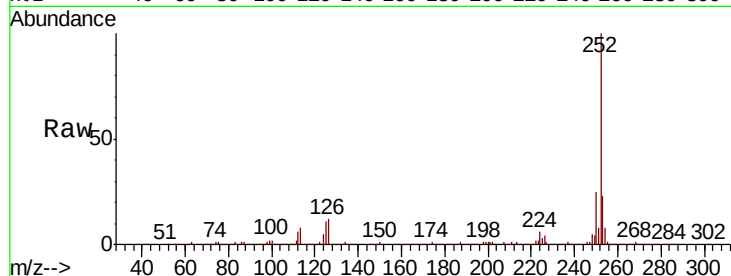




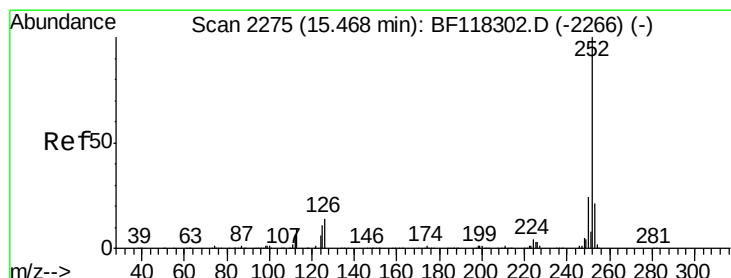
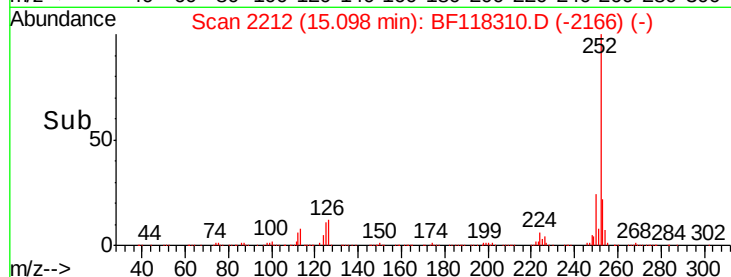
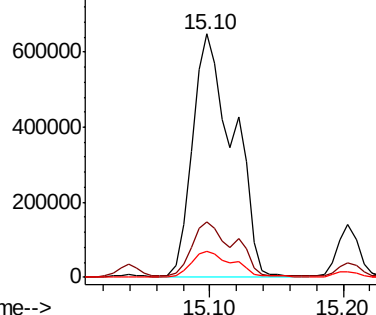
#89
Benzo(k)fluoranthene
Concen: 67.635 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1374018
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 10.6 8.0 12.0

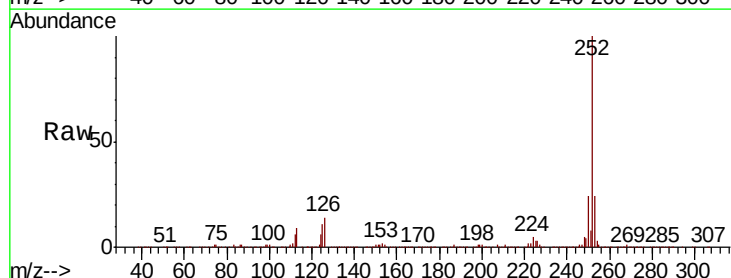


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

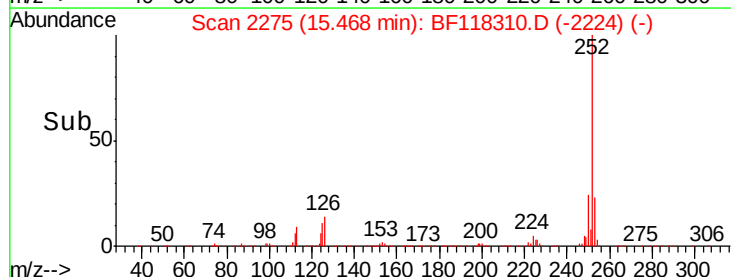
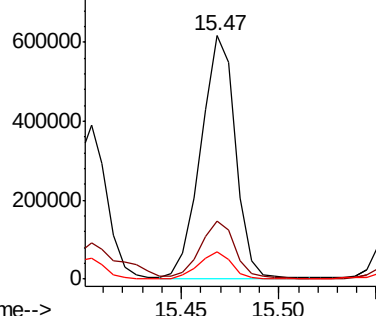


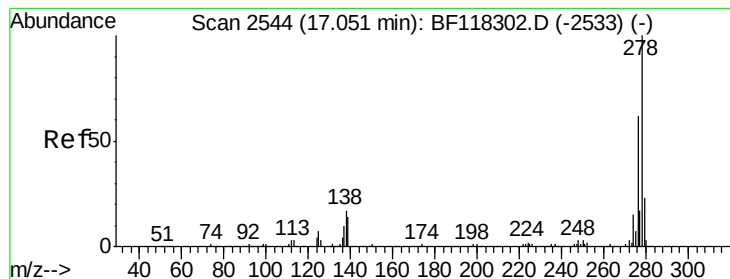
#90
Benzo(a)pyrene
Concen: 40.451 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF118310.D
Acq: 26 Dec 2019 12:17

Tgt Ion:252 Resp: 753943
Ion Ratio Lower Upper
252 100
253 23.7 17.0 25.6
125 11.5 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 6.090 ng

RT: 17.20 min Scan# 2570

Delta R.T. 0.15 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

Instrument :

BNA_F

ClientSampleId :

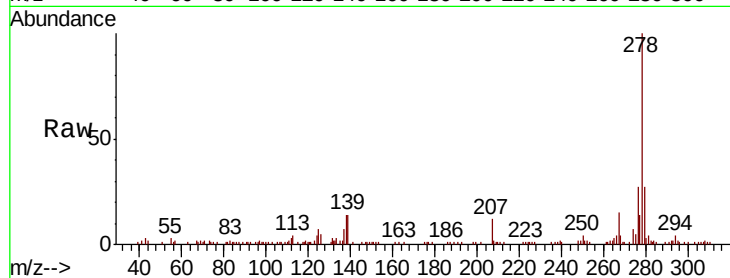
Tot Ion:278 Resp: 98508

Ion Ratio Lower Upper

278 100

139 13.7 11.5 17.3

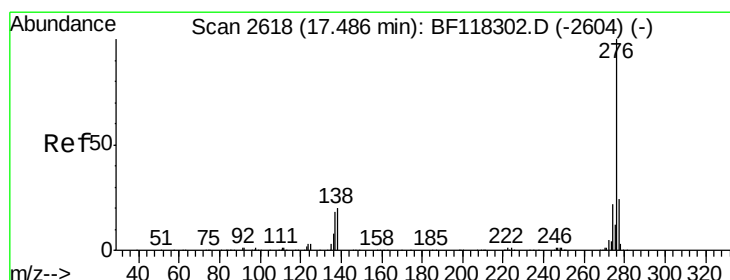
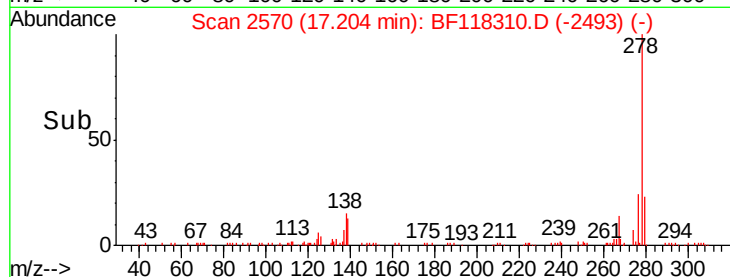
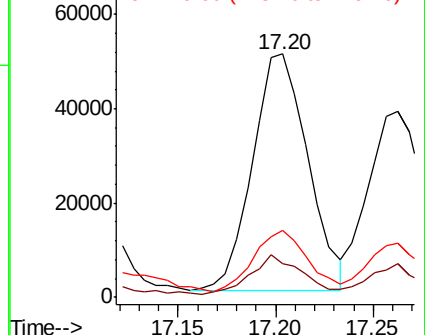
279 27.3 18.3 27.5



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: 29.033 ng

RT: 17.48 min Scan# 2617

Delta R.T. -0.01 min

Lab File: BF118310.D

Acq: 26 Dec 2019 12:17

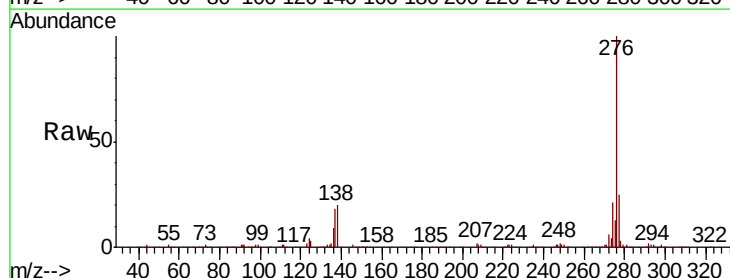
Tgt Ion:276 Resp: 453612

Ion Ratio Lower Upper

276 100

277 25.2 19.1 28.7

138 20.4 16.1 24.1



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

