

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
 Data File : BF121716.D
 Acq On : 28 Sep 2020 17:11
 Operator : JU/CG
 Sample : L4154-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5(13-15)

Quant Time: Sep 28 18:22:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 11:40:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	149133	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	582712	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	294135	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	508570	20.00	ng	0.00
76) Chrysene-d12	13.96	240	308405	20.00	ng	0.00
86) Perylene-d12	15.40	264	343606	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	789343	78.66	ng	0.00
7) Phenol-d6	6.43	99	1000389	75.99	ng	0.00
23) Nitrobenzene-d5	7.36	82	698829	64.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	275946	75.48	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1150489	59.24	ng	0.00
79) Terphenyl-d14	12.90	244	900440	59.15	ng	0.00

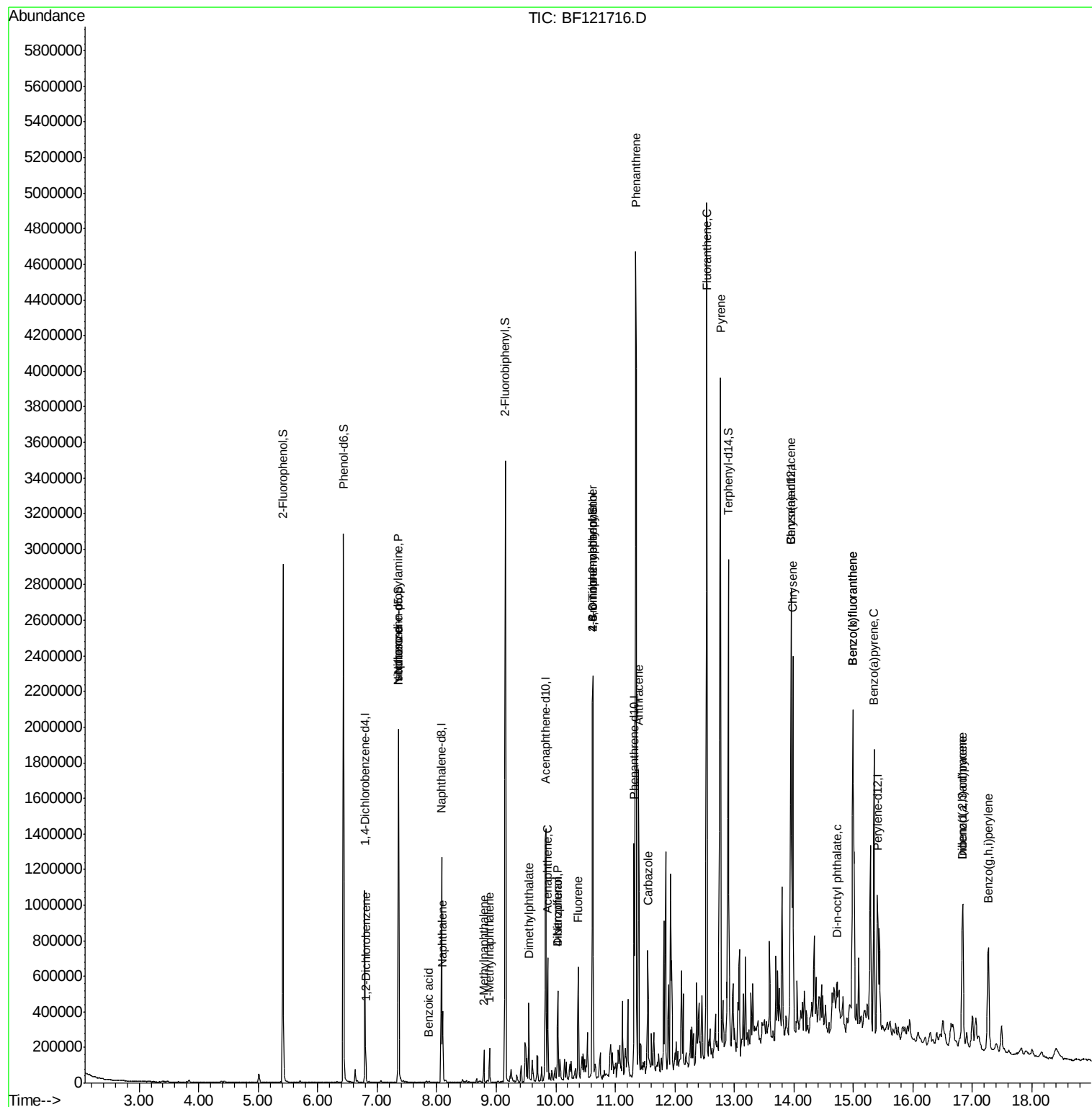
Target Compounds				Qvalue		
14) 1,2-Dichlorobenzene	6.81	146	21971	2.083	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	93851	12.369	ng	# 81
25) Isophorone	7.36	82	681210	31.181	ng	# 65
31) Naphthalene	8.10	128	153580	4.993	ng	99
32) Benzoic acid	7.87	122	1404	7.101	ng	# 18
37) 2-Methylnaphthalene	8.79	142	50637	2.512	ng	96
38) 1-Methylnaphthalene	8.89	142	49070	2.616	ng	97
50) Dimethylphthalate	9.55	163	151987	7.129	ng	100
52) Acenaphthene	9.86	154	125465	6.967	ng	98
55) Dibenzofuran	10.03	168	138985	5.481	ng	96
56) 4-Nitrophenol	10.03	139	52777	12.583	ng	# 7
58) Fluorene	10.37	166	159151	8.207	ng	98
65) 4,6-Dinitro-2-methylphenol	10.62	198	451	6.976	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	15933	2.752	ng	# 1
71) Phenanthrene	11.34	178	1946202	70.237	ng	99
72) Anthracene	11.39	178	584492	20.441	ng	99
73) Carbazole	11.54	167	228968	8.873	ng	99
75) Fluoranthene	12.54	202	2169247	73.337	ng	97
78) Pyrene	12.77	202	1863940	82.720	ng	99
81) Benzo(a)anthracene	13.94	228	958841	49.143	ng	98
83) Chrysene	13.99	228	822028	41.606	ng	98
85) Di-n-octyl phthalate	14.73	149	61463	2.861	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.83	276	531309	23.744	ng	95
88) Benzo(b)fluoranthene	14.99	252	1380875	60.115	ng	98
89) Benzo(k)fluoranthene	14.99	252	1380875	65.647	ng	# 97
90) Benzo(a)pyrene	15.34	252	779851	39.940	ng	97
91) Dibenzo(a,h)anthracene	16.84	278	136412	7.323	ng	95
92) Benzo(g,h,i)perylene	17.27	276	468564	25.591	ng	98

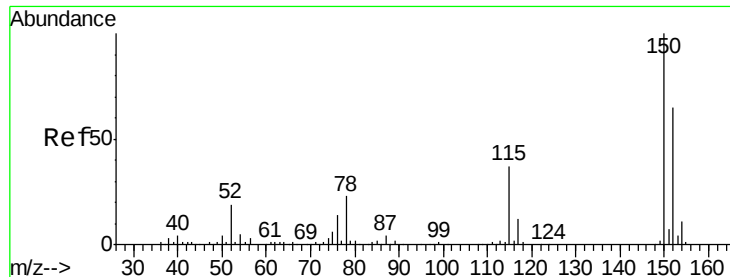
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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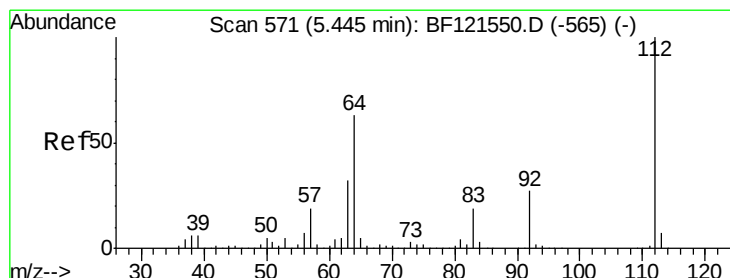
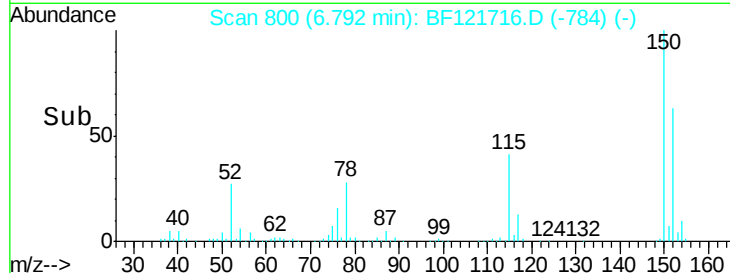
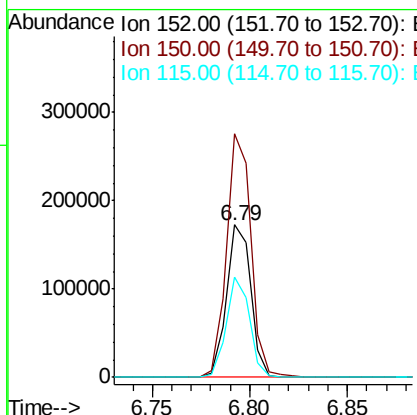
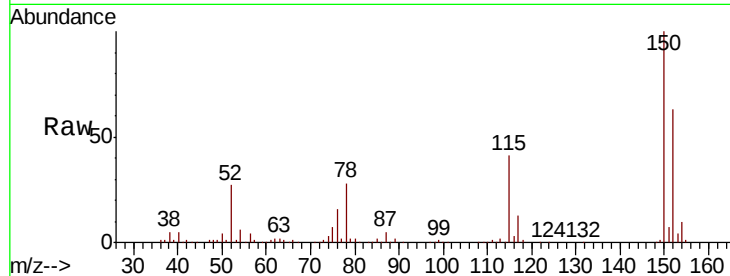




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121716.D
 Acq: 28 Sep 2020 17:11

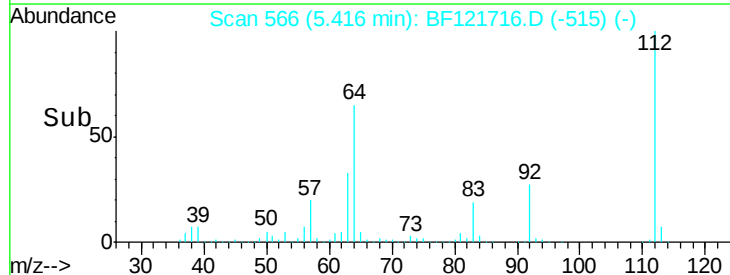
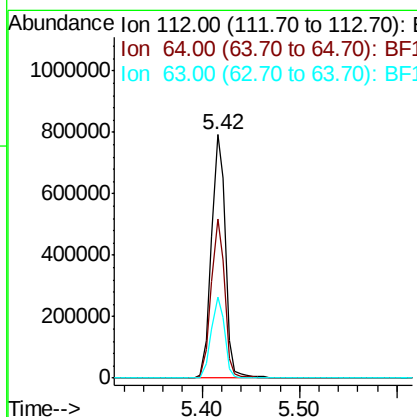
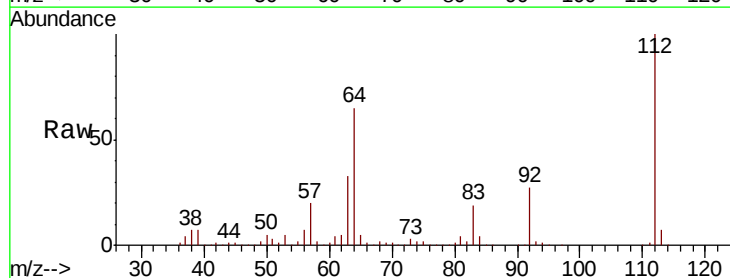
Instrument :
 BNA_F
 ClientSampleId :
 B-5(13-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.6	184.0
115	65.4	47.1	70.7



#5
 2-Fluorophenol
 Concen: 78.659 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF121716.D
 Acq: 28 Sep 2020 17:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	49.5	74.3
63	33.2	25.4	38.0





#7

Phenol-d6

Concen: 75.987 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

Instrument :

BNA_F

ClientSampleId :

B-5(13-15)

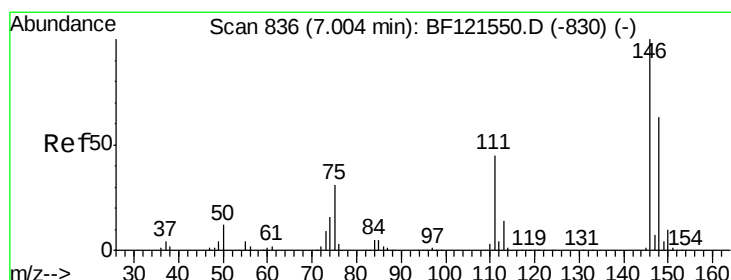
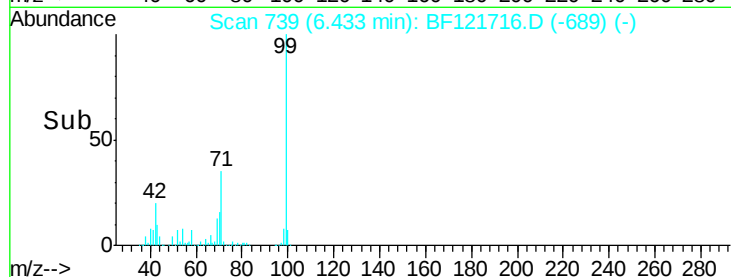
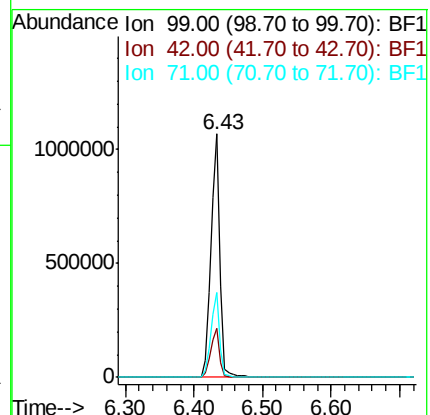
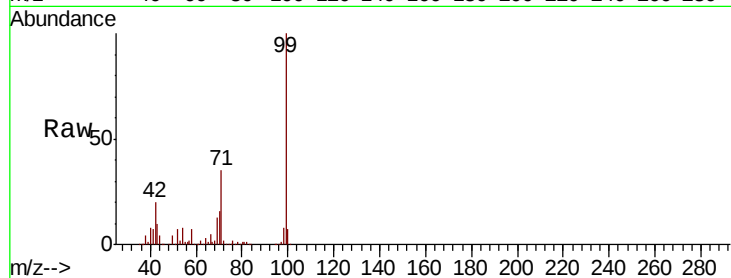
Tot Ion: 99 Resp: 1000389

Ion Ratio Lower Upper

99 100

42 20.3 16.1 24.1

71 34.7 27.6 41.4



#14

1,2-Dichlorobenzene

Concen: 2.083 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.16 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

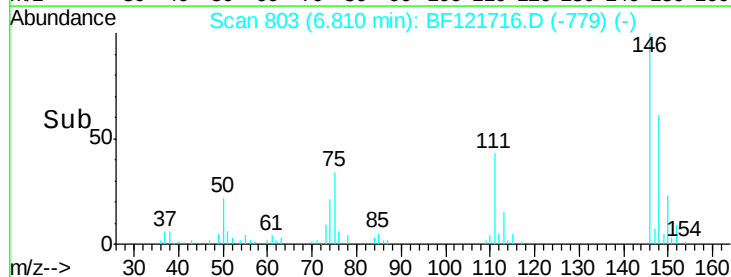
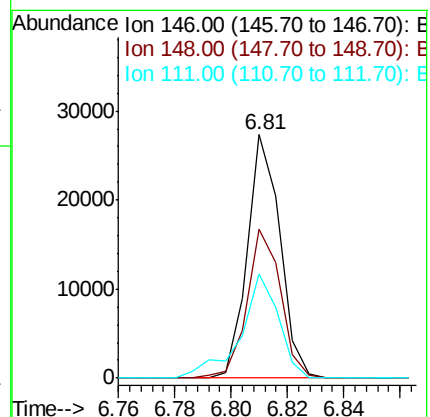
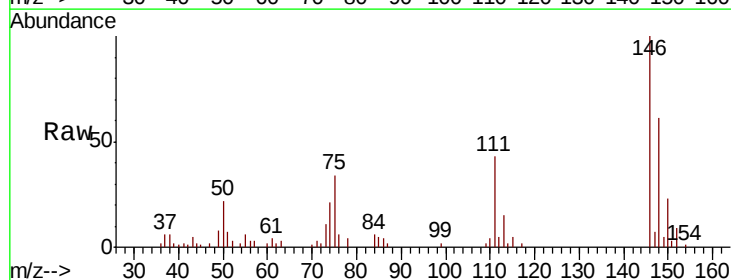
Tgt Ion: 146 Resp: 21971

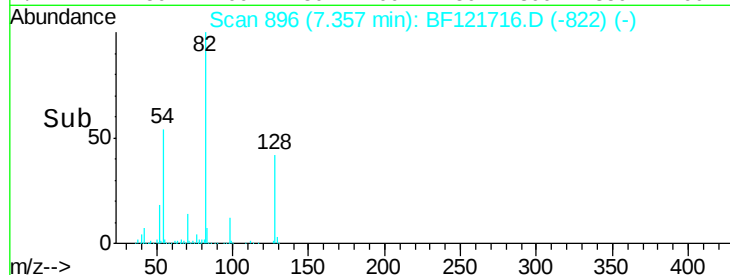
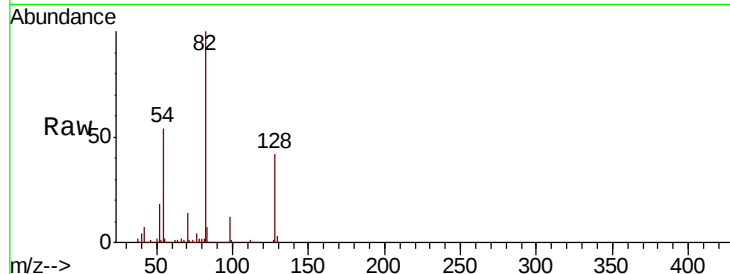
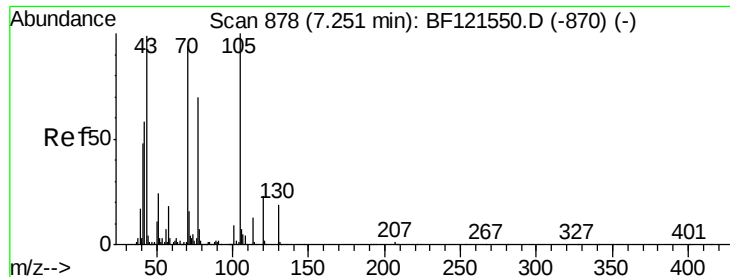
Ion Ratio Lower Upper

146 100

148 60.9 51.0 76.4

111 42.8 37.2 55.8

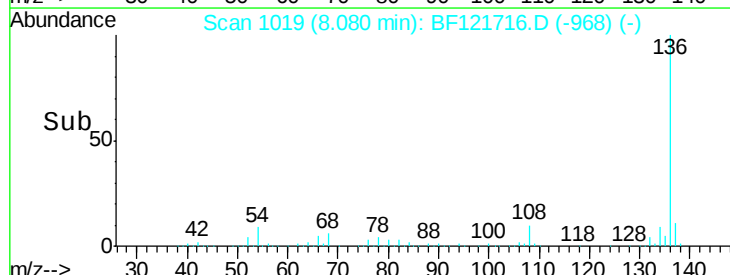
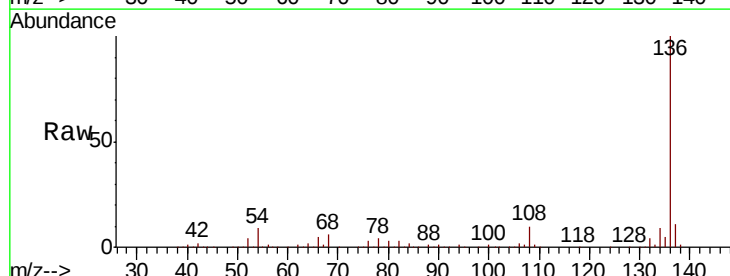
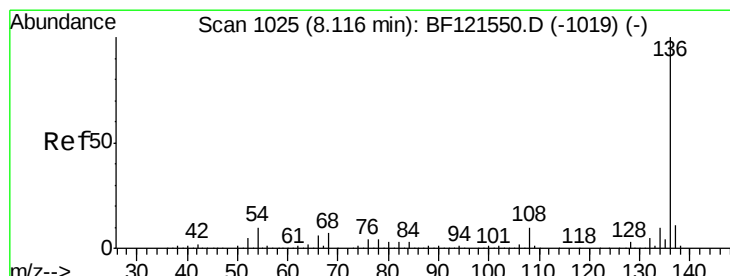
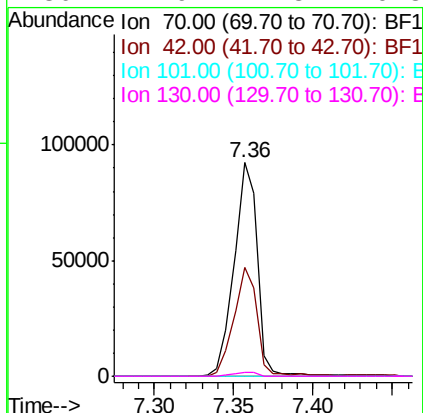




#19
n-Nitroso-di-n-propylamine
Concen: 12.369 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

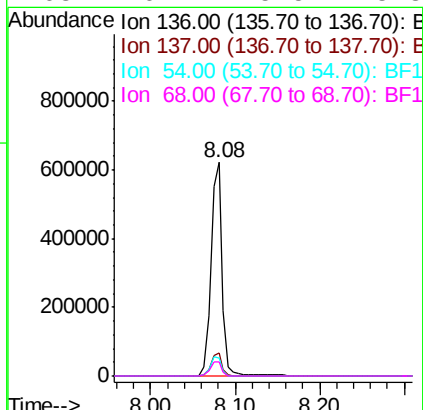
Instrument :
BNA_F
ClientSampleId :
B-5(13-15)

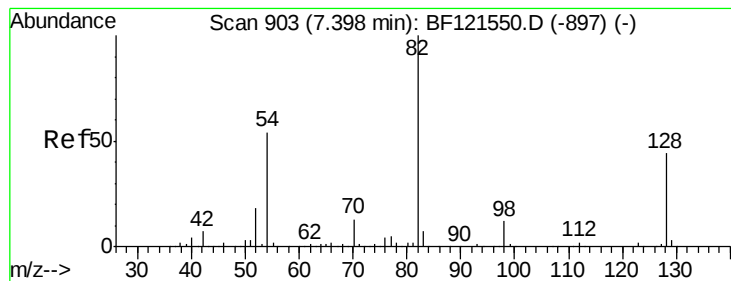
Tot Ion:	70	Resp:	93851
Ion	Ratio	Lower	Upper
70	100		
42	51.1	45.8	68.6
101	0.0	7.6	11.4#
130	1.9	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Tgt Ion:	136	Resp:	582712
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.6	7.5	11.3
68	6.4	5.5	8.3





#23

Nitrobenzene-d5

Concen: 64.391 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

Instrument :

BNA_F

ClientSampleId :

B-5(13-15)

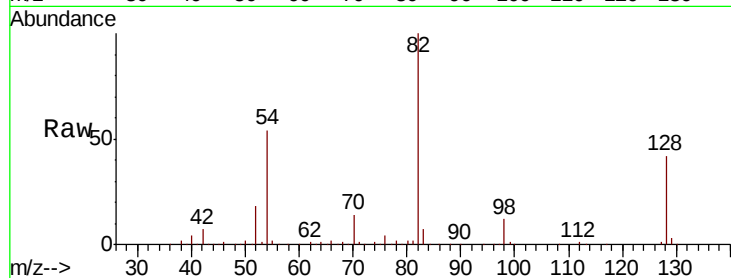
Tot Ion: 82 Resp: 698829

Ion Ratio Lower Upper

82 100

128 41.9 35.8 53.6

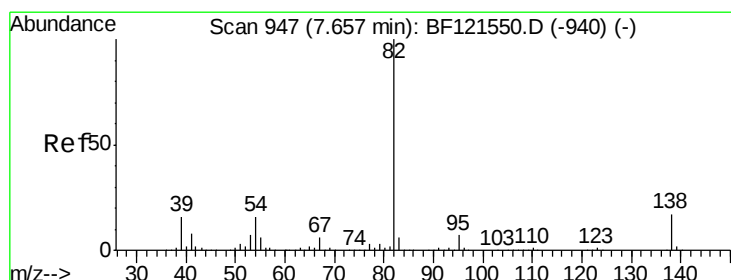
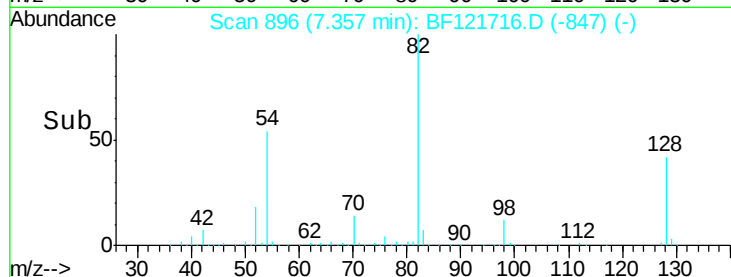
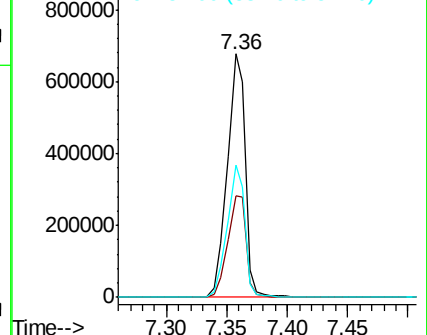
54 54.4 42.6 63.8



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: 31.181 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

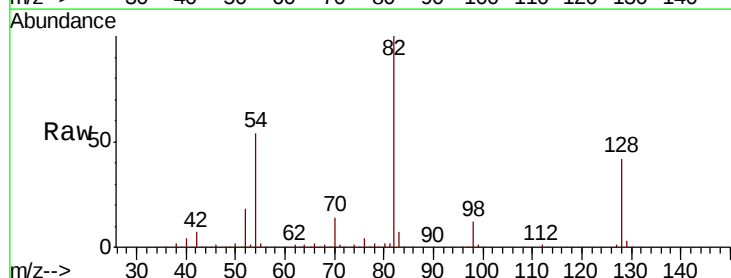
Tgt Ion: 82 Resp: 681210

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

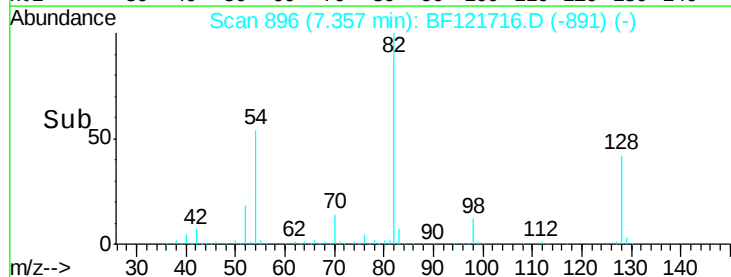
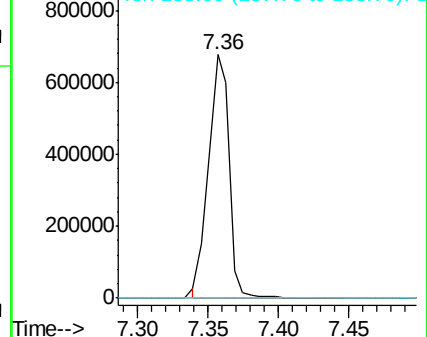
138 0.0 14.2 21.4#

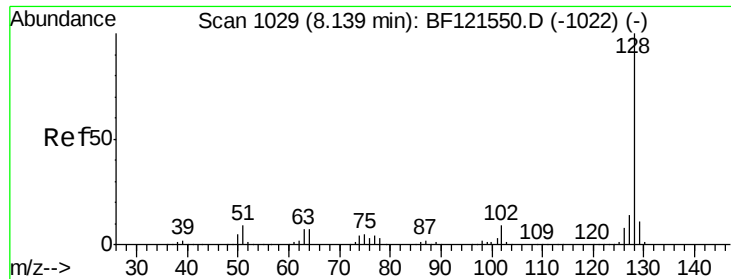


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

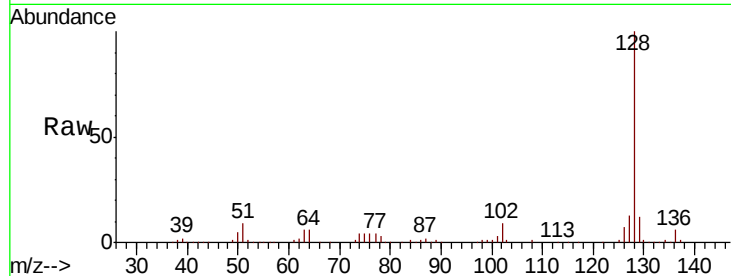




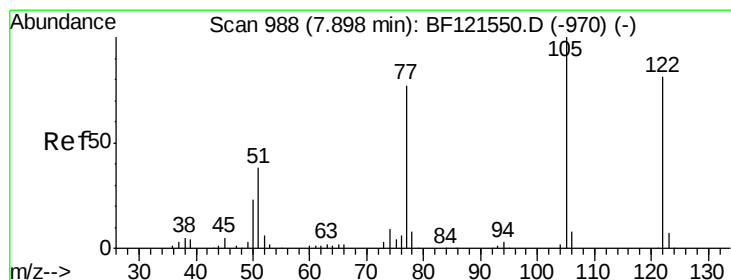
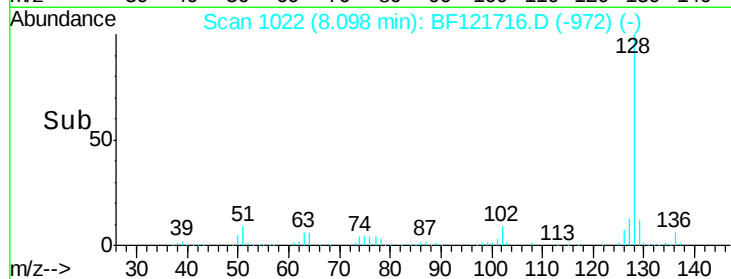
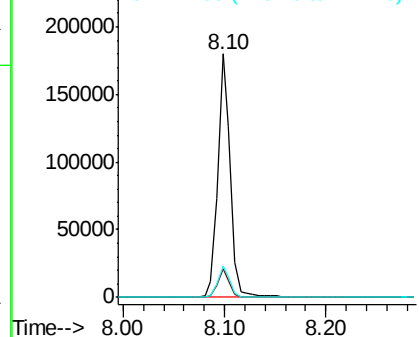
#31
Naphthalene
Concen: 4.993 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Instrument :
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ClientSampleId :
B-5(13-15)

Tot Ion:128 Resp: 153580
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 12.9 10.8 16.2

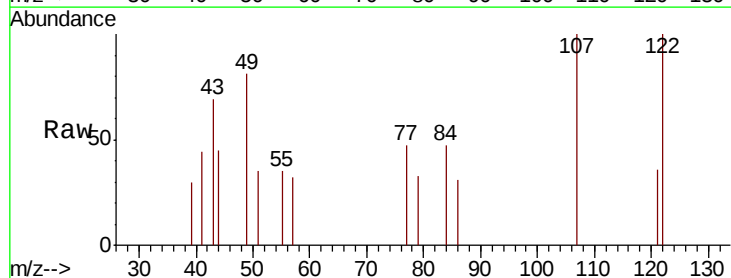


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

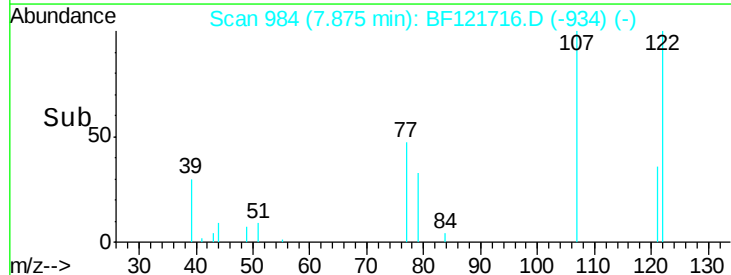
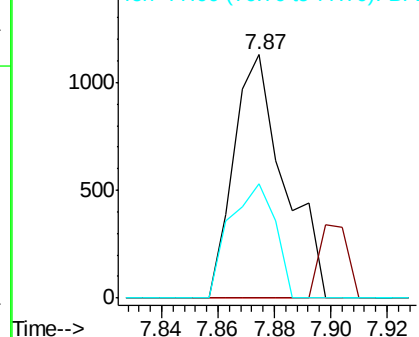


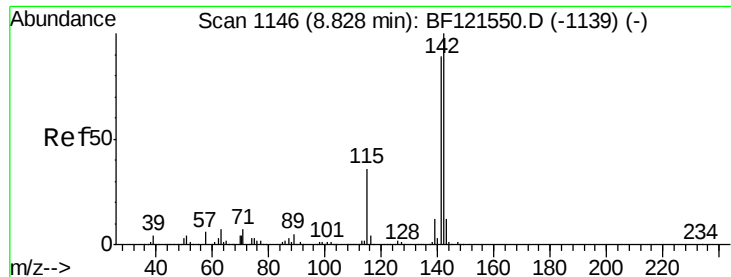
#32
Benzoic acid
Concen: 7.101 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Tgt Ion:122 Resp: 1404
Ion Ratio Lower Upper
122 100
105 0.0 101.7 141.7#
77 47.1 72.8 112.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#37

2-Methylnaphthalene

Concen: 2.512 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

Instrument :

BNA_F

ClientSampleId :

B-5(13-15)

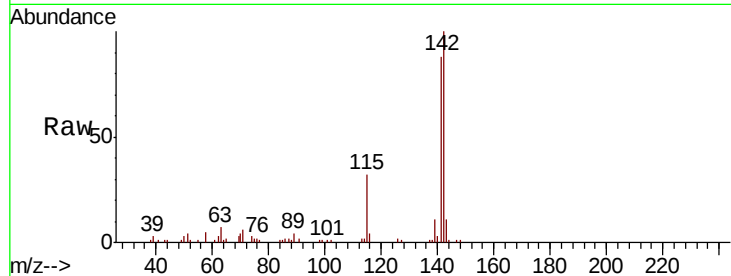
Tot Ion:142 Resp: 50637

Ion Ratio Lower Upper

142 100

141 88.0 71.9 107.9

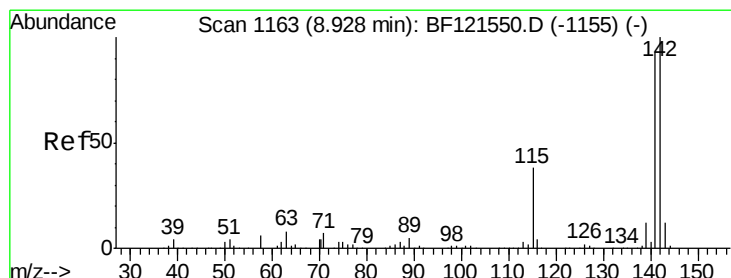
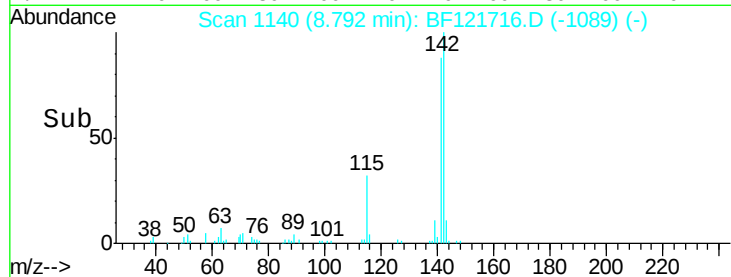
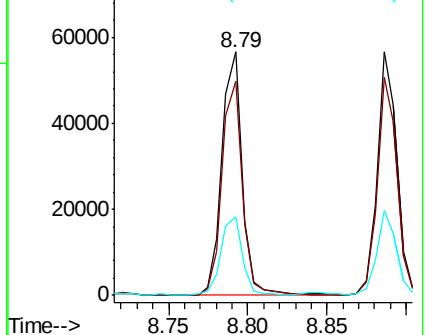
115 32.1 29.9 44.9



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: 2.616 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

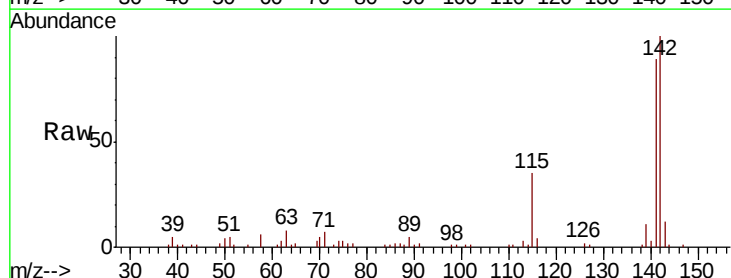
Tgt Ion:142 Resp: 49070

Ion Ratio Lower Upper

142 100

141 89.4 73.8 110.8

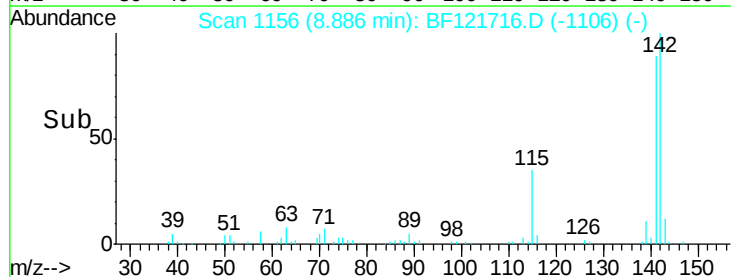
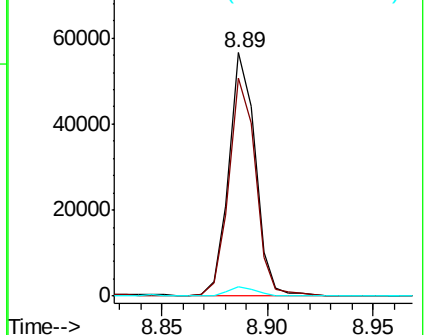
116 3.9 3.2 4.8

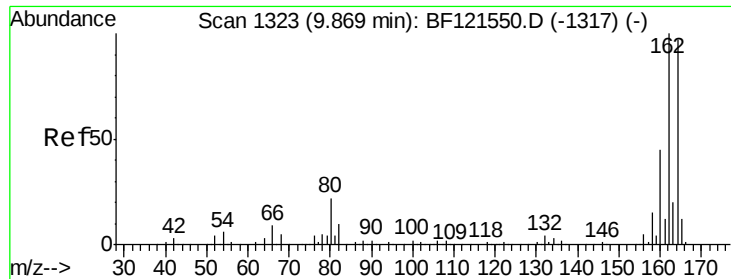


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

Instrument :

BNA_F

ClientSampleId :

B-5(13-15)

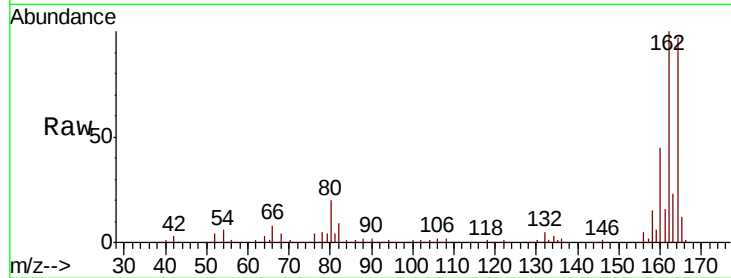
Tot Ion:164 Resp: 294135

Ion Ratio Lower Upper

164 100

162 103.3 82.1 123.1

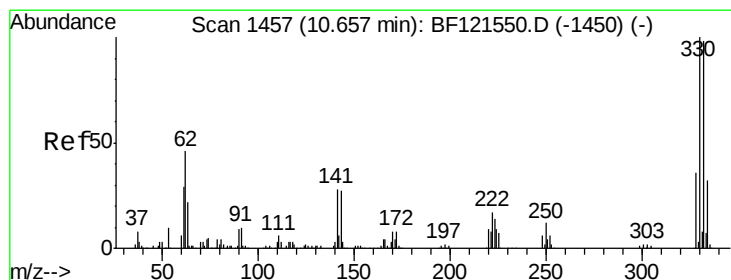
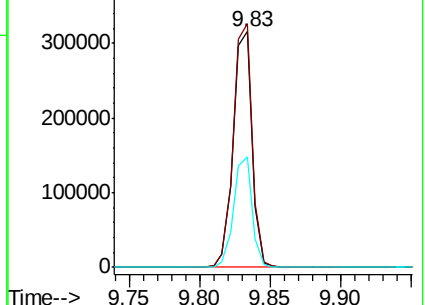
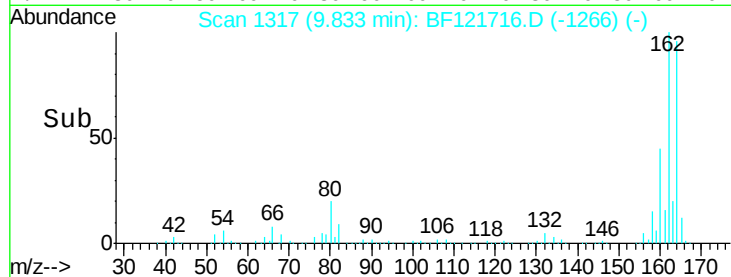
160 46.7 36.8 55.2



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: 75.484 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

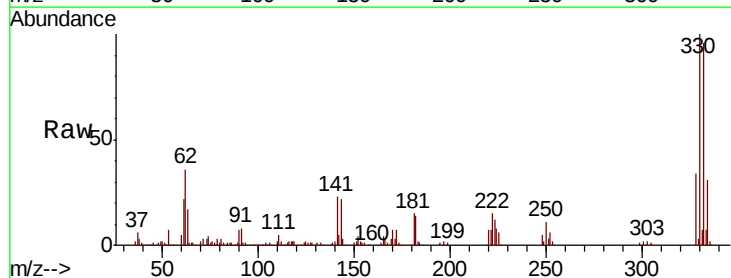
Tgt Ion:330 Resp: 275946

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

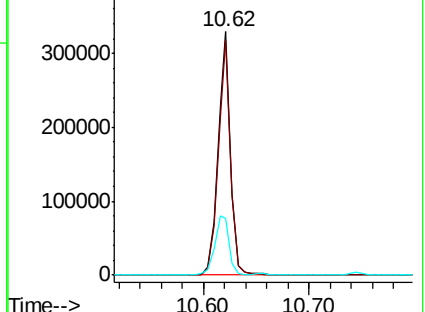
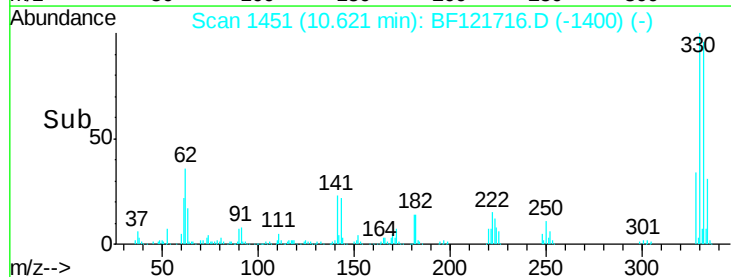
141 28.2 22.2 33.4

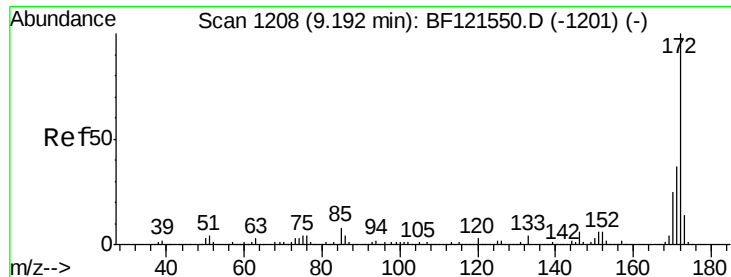


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



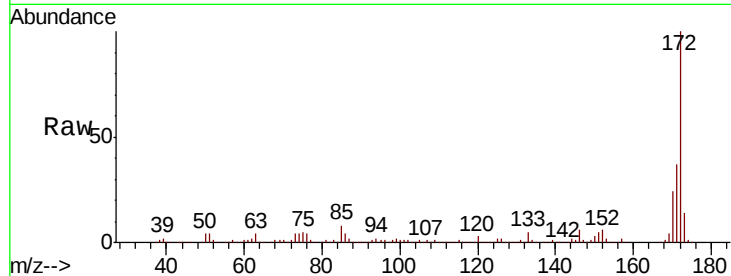


#45
 2-Fluorobiphenyl
 Concen: 59.240 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121716.D
 Acq: 28 Sep 2020 17:11

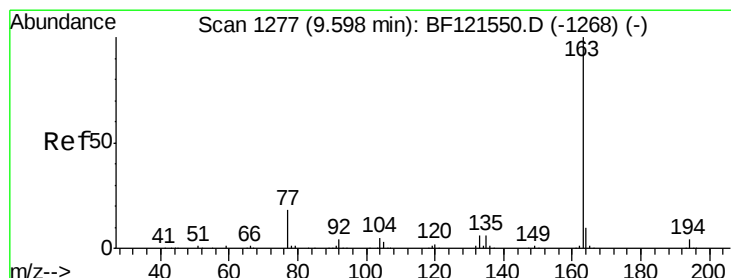
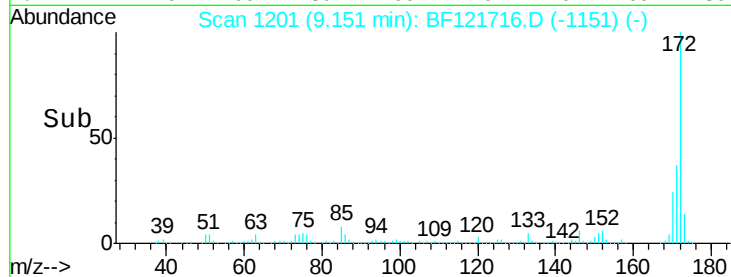
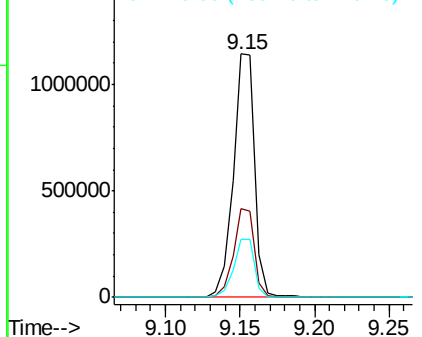
Instrument :
 BNA_F
 ClientSampleId :
 B-5(13-15)

Tot Ion:172 Resp: 1150489

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.0	19.5	29.3



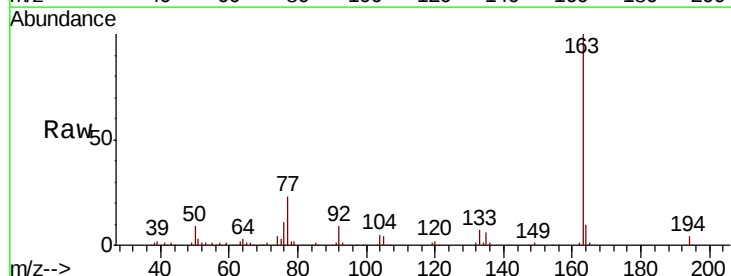
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



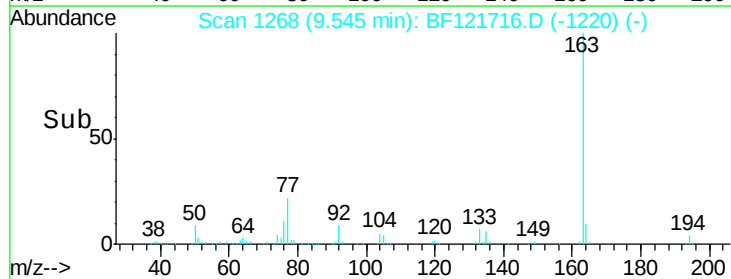
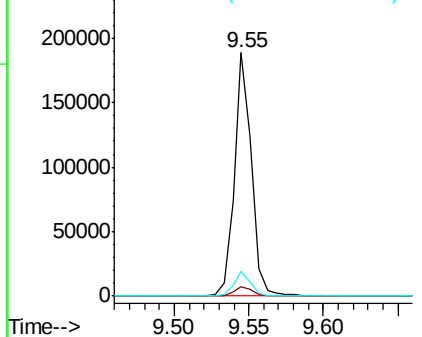
#50
 Dimethylphthalate
 Concen: 7.129 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF121716.D
 Acq: 28 Sep 2020 17:11

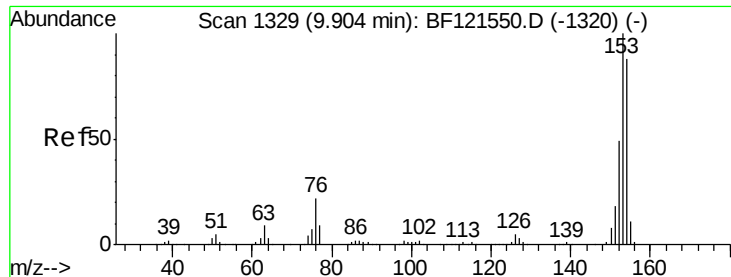
Tgt Ion:163 Resp: 151987

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.3	8.2	12.2



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





#52

Acenaphthene

Concen: 6.967 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

Instrument :

BNA_F

ClientSampleId :

B-5(13-15)

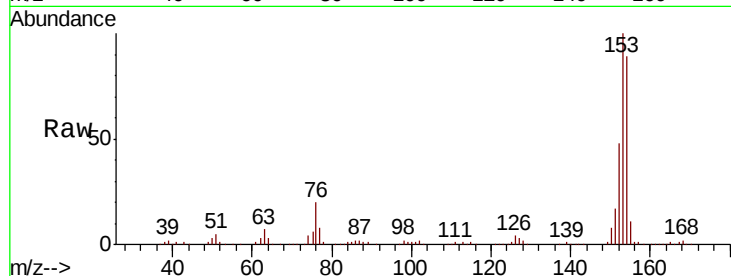
Tot Ion:154 Resp: 125465

Ion Ratio Lower Upper

154 100

153 112.6 91.7 137.5

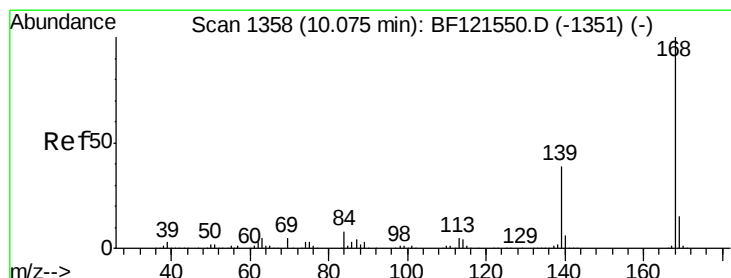
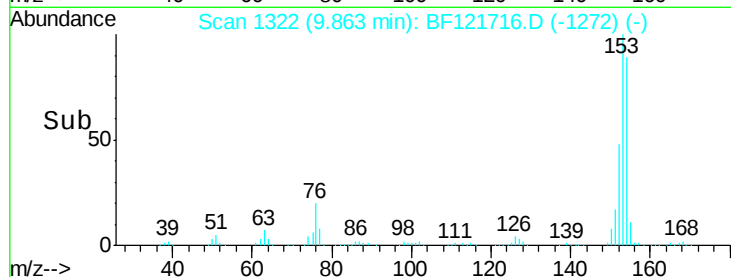
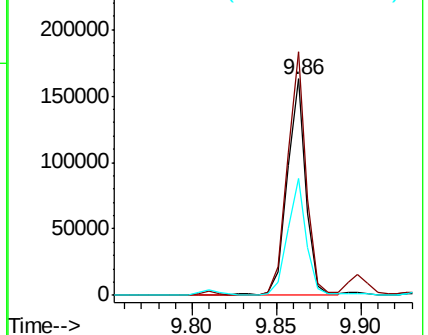
152 54.2 44.0 66.0



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: 5.481 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

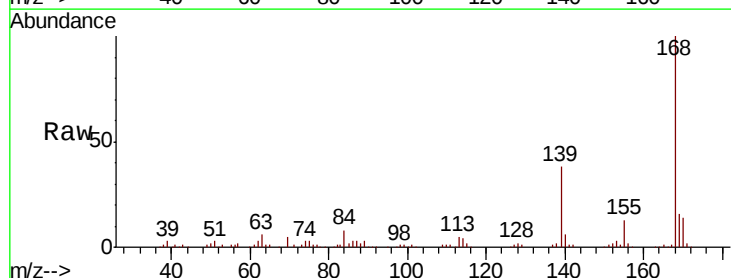
Tgt Ion:168 Resp: 138985

Ion Ratio Lower Upper

168 100

139 38.0 32.6 49.0

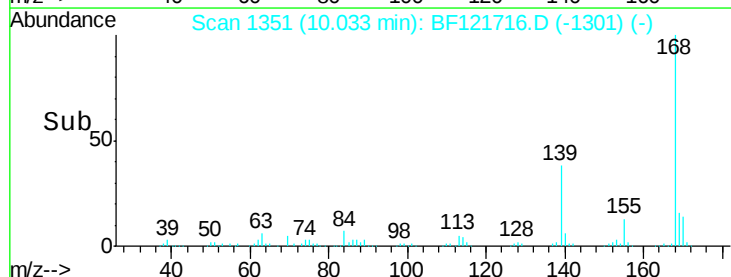
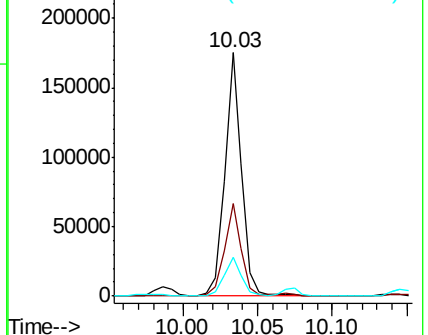
169 16.1 11.7 17.5

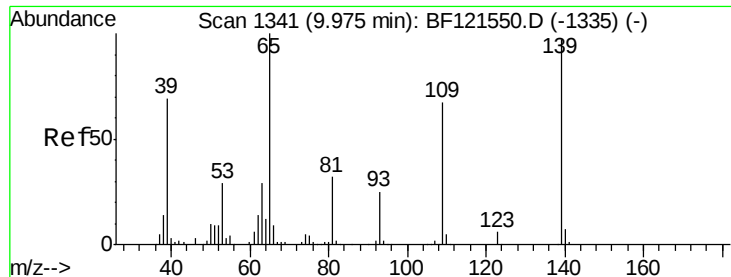


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

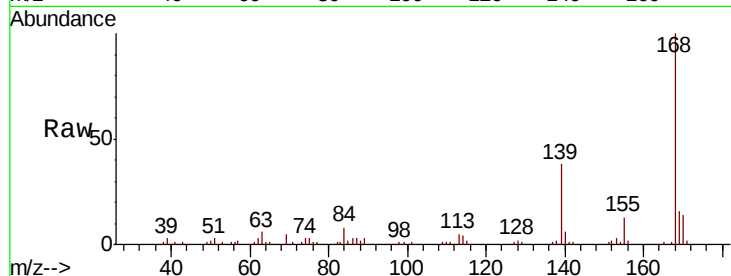




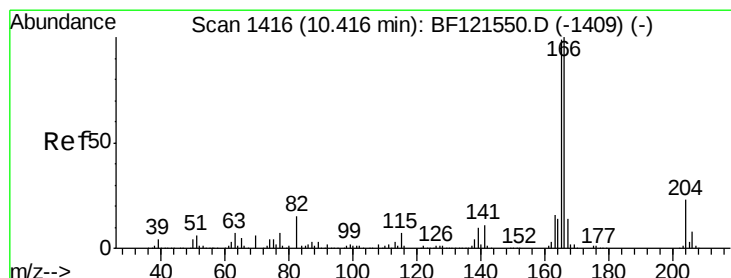
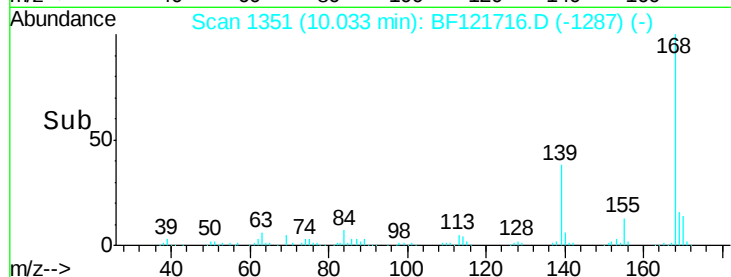
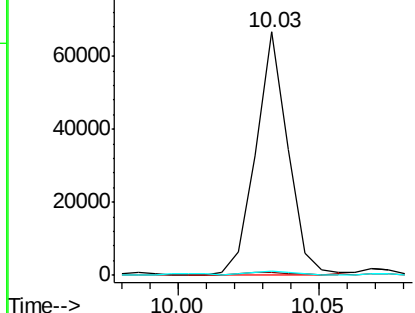
#56
4-Nitrophenol
Concen: 12.583 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.08 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Instrument :
BNA_F
ClientSampleId :
B-5(13-15)

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.4	49.0	89.0#
65	1.9	82.5	122.5#

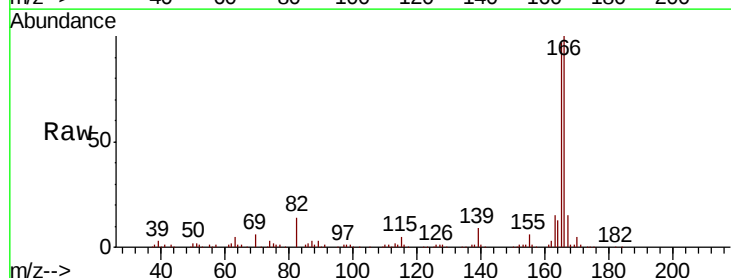


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

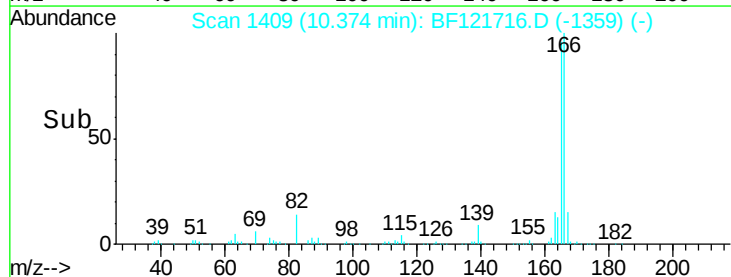
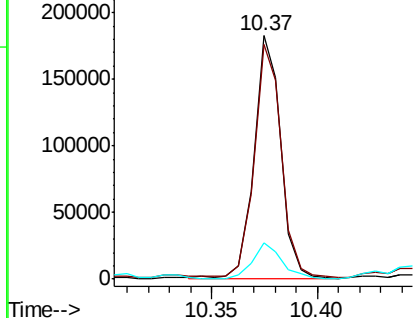


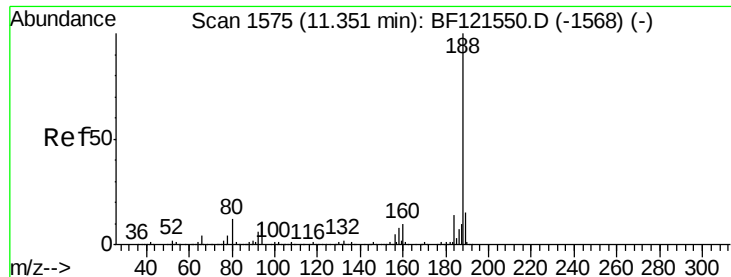
#58
Fluorene
Concen: 8.207 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.8	118.2
167	15.0	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

Instrument :

BNA_F

ClientSampleId :

B-5(13-15)

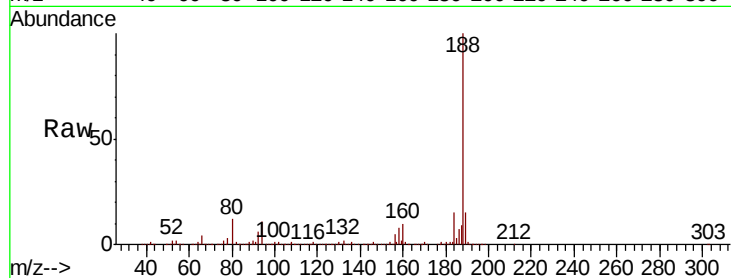
Tot Ion:188 Resp: 508570

Ion Ratio Lower Upper

188 100

94 10.6 8.4 12.6

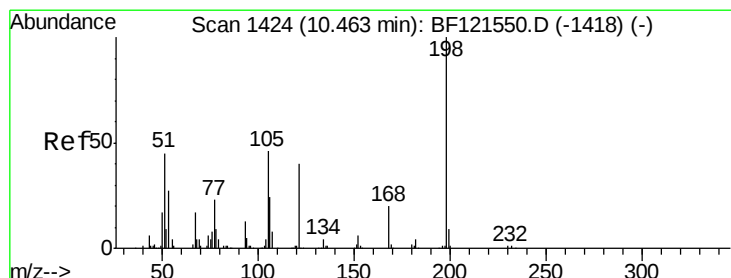
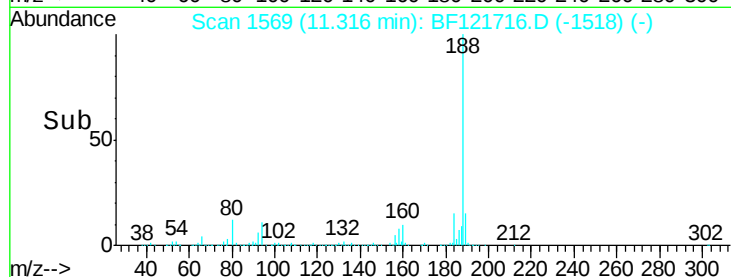
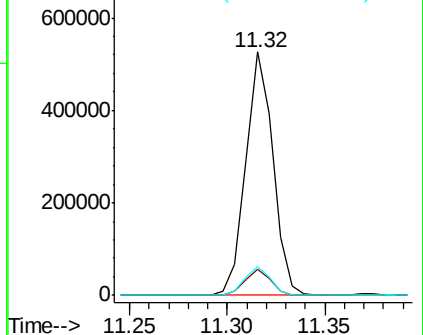
80 11.5 9.3 13.9



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.976 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.18 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

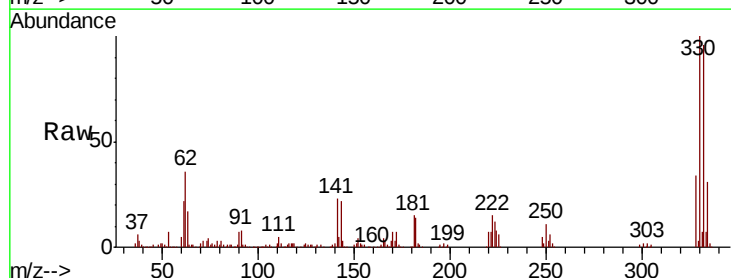
Tgt Ion:198 Resp: 451

Ion Ratio Lower Upper

198 100

51 474.3 18.8 58.8#

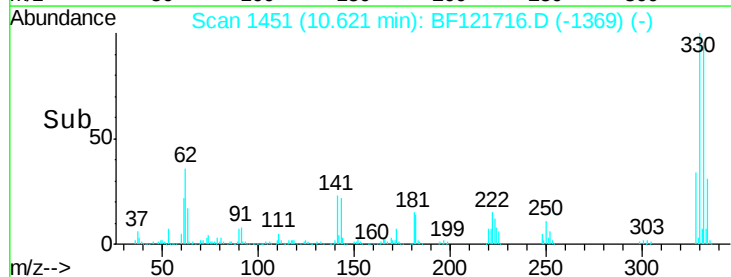
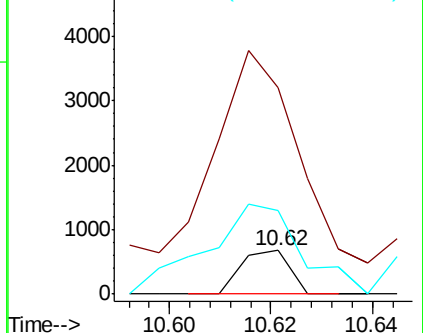
105 193.5 18.5 58.5#

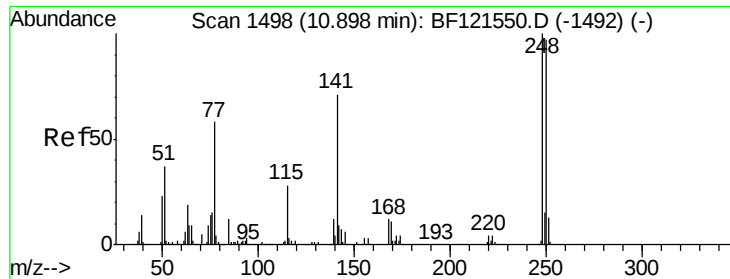


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

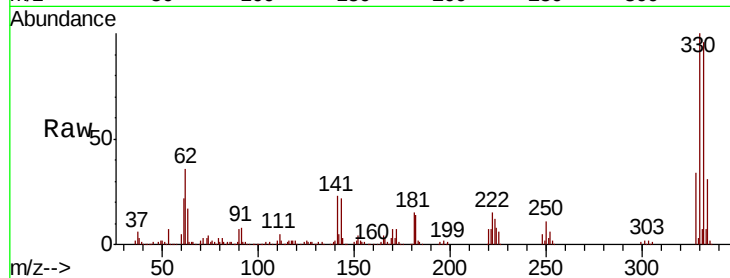




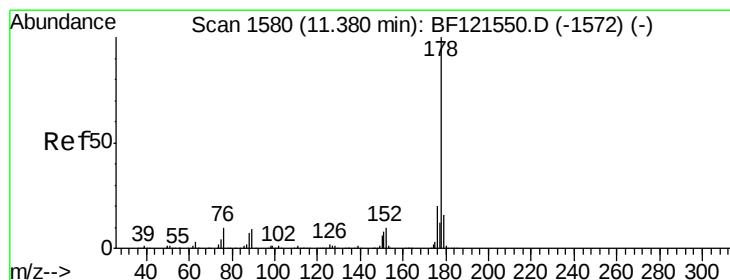
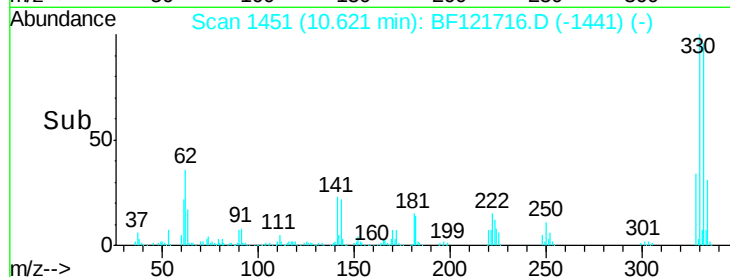
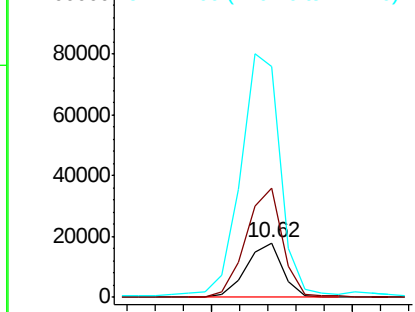
#67
4-Bromophenyl-phenylether
Concen: 2.752 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Instrument :
BNA_F
ClientSampled :
B-5(13-15)

Tot Ion:248 Resp: 15933
Ion Ratio Lower Upper
248 100
250 200.1 76.8 115.2#
141 423.4 55.7 83.5#

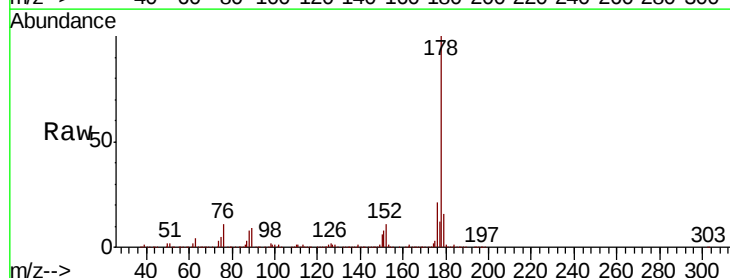


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

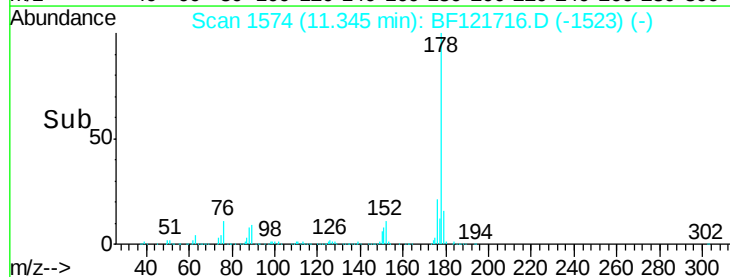
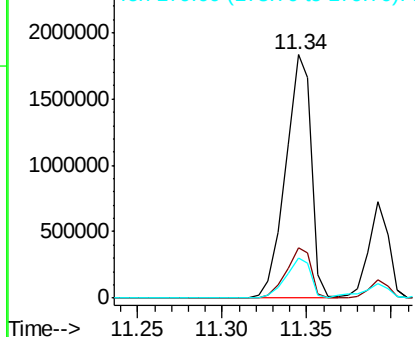


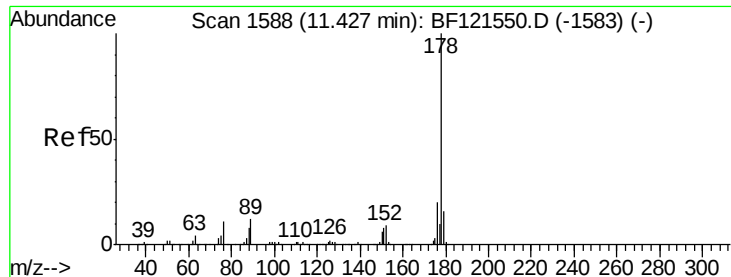
#71
Phenanthrene
Concen: 70.237 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Tgt Ion:178 Resp: 1946202
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.3 12.5 18.7



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: 20.441 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

Instrument :

BNA_F

ClientSampleId :

B-5(13-15)

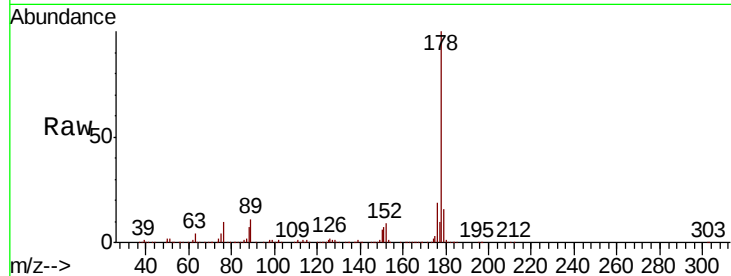
Tot Ion:178 Resp: 584492

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

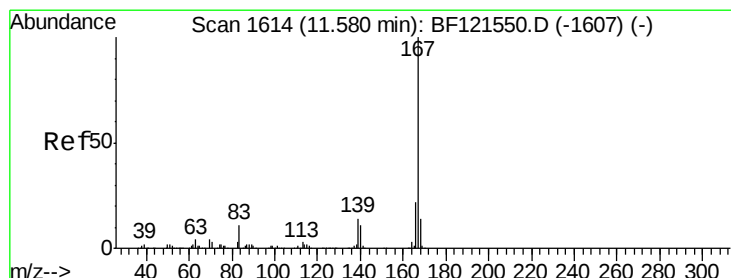
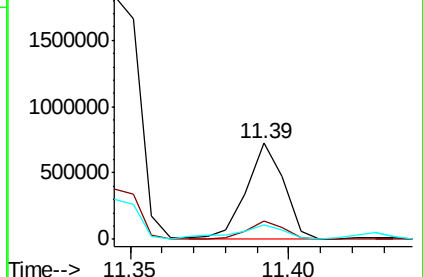
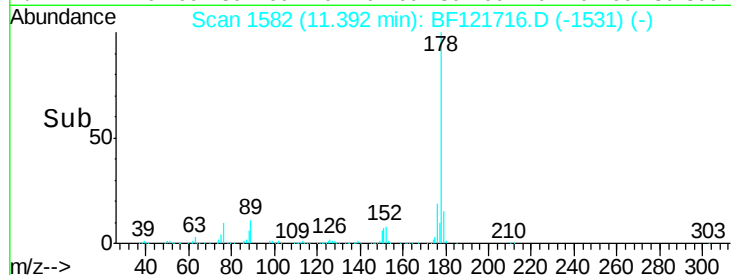
179 15.5 12.7 19.1



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: 8.873 ng

RT: 11.54 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

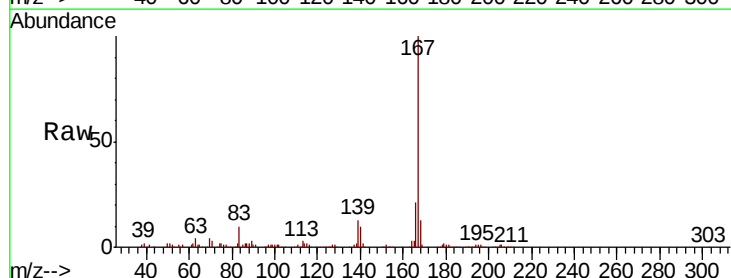
Tgt Ion:167 Resp: 228968

Ion Ratio Lower Upper

167 100

166 21.3 17.6 26.4

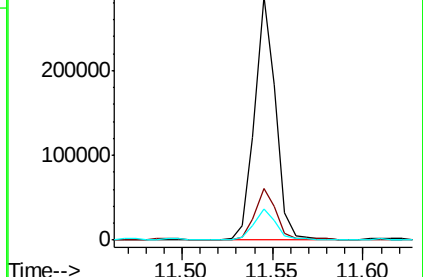
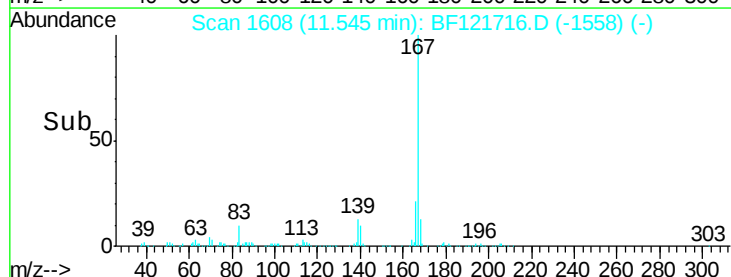
139 13.0 10.7 16.1

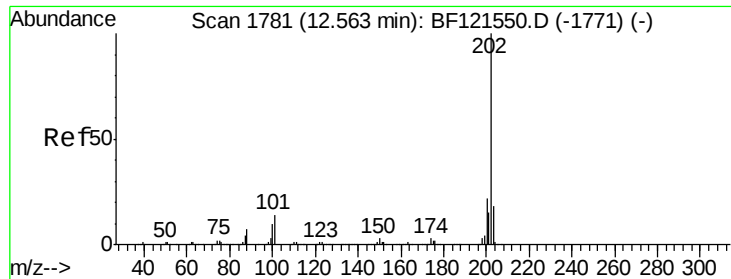


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

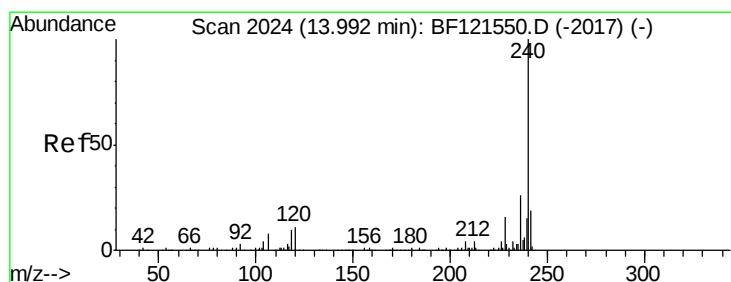
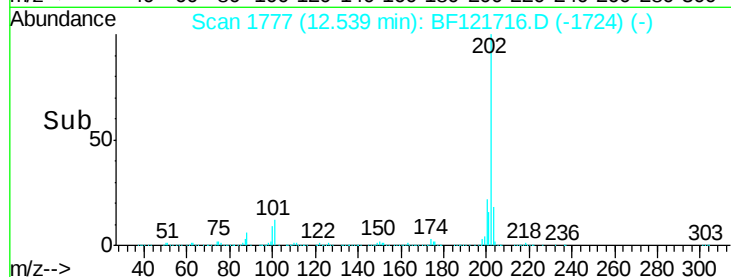
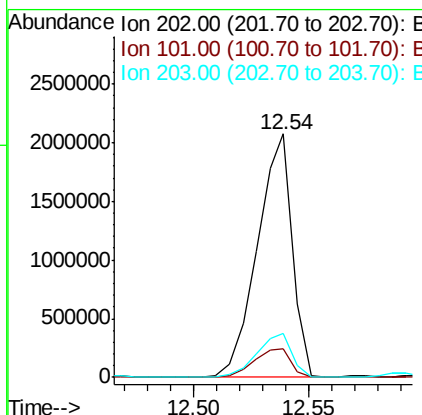
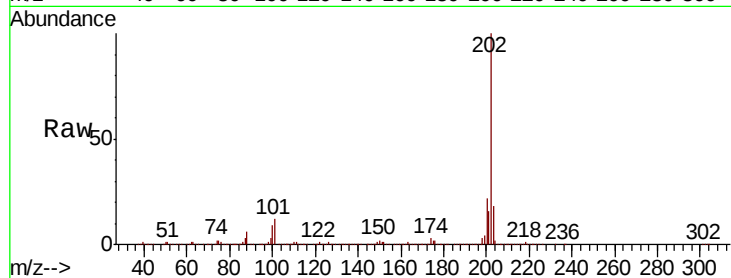




#75
Fluoranthene
Concen: 73.337 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

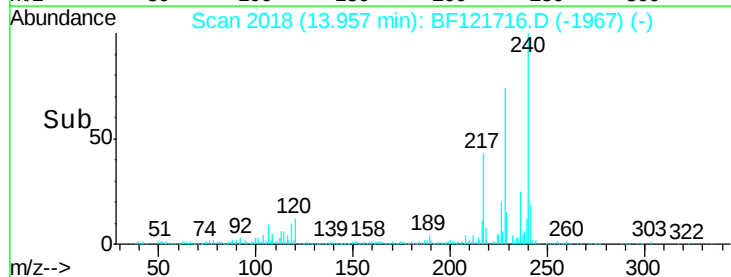
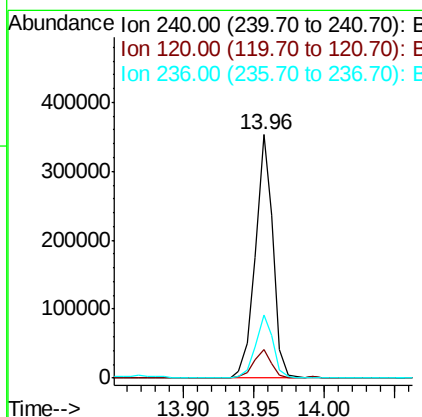
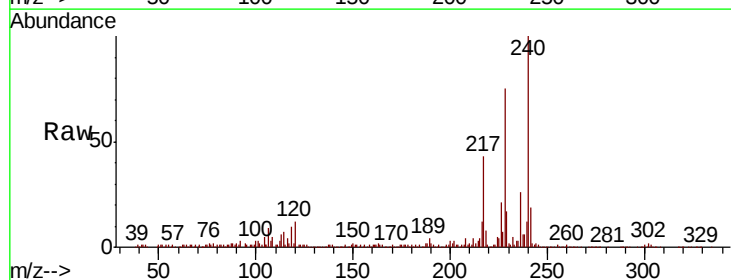
Instrument :
BNA_F
ClientSampled :
B-5(13-15)

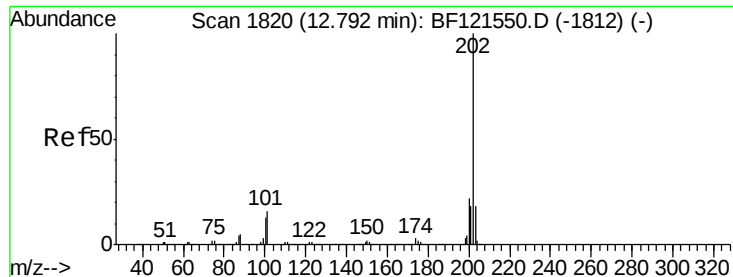
Tot Ion:202 Resp: 2169247
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.7
203 18.2 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Tgt Ion:240 Resp: 308405
Ion Ratio Lower Upper
240 100
120 11.9 9.1 13.7
236 25.7 20.6 30.8

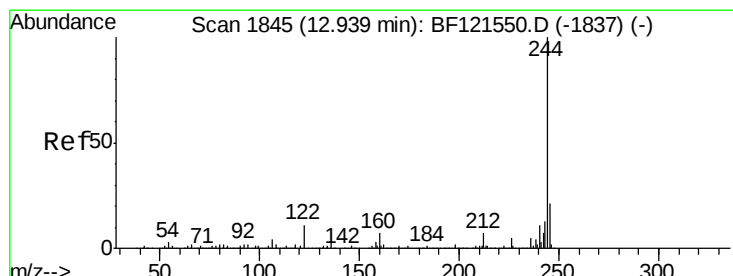
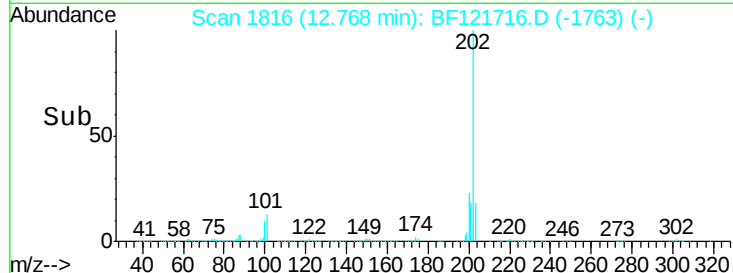
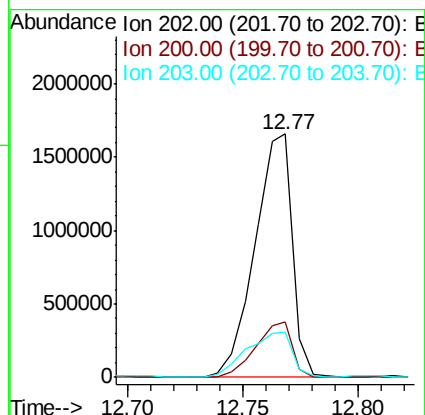
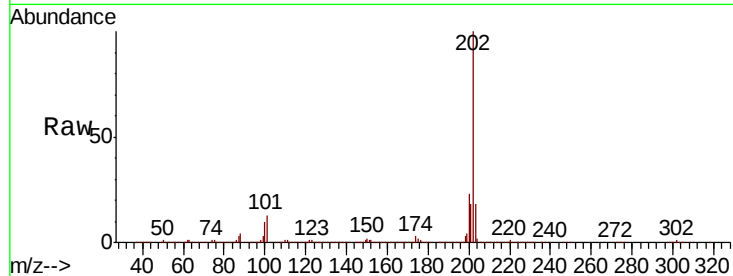




#78
Pvrene
Concen: 82.720 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

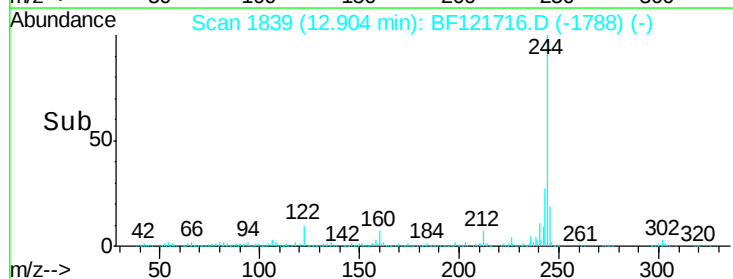
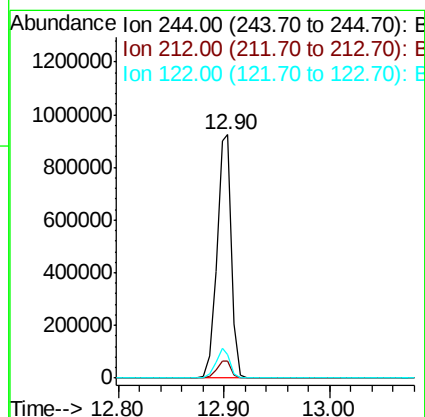
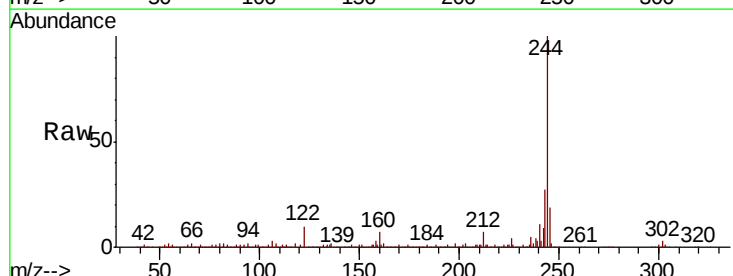
Instrument :
BNA_F
ClientSampleId :
B-5(13-15)

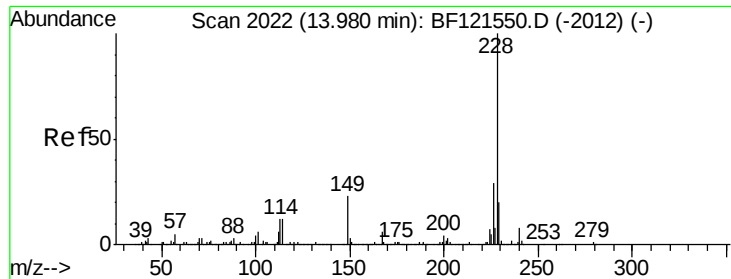
Tot Ion:202 Resp: 1863940
Ion Ratio Lower Upper
202 100
200 22.6 17.8 26.8
203 18.4 14.3 21.5



#79
Terphenyl-d14
Concen: 59.150 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Tgt Ion:244 Resp: 900440
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 9.7 8.0 12.0

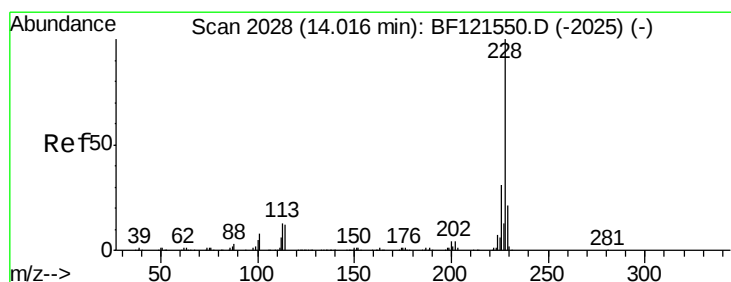
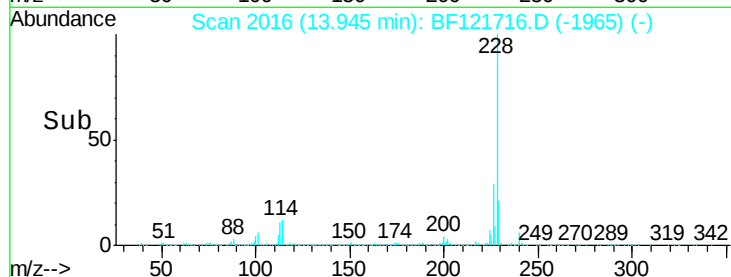
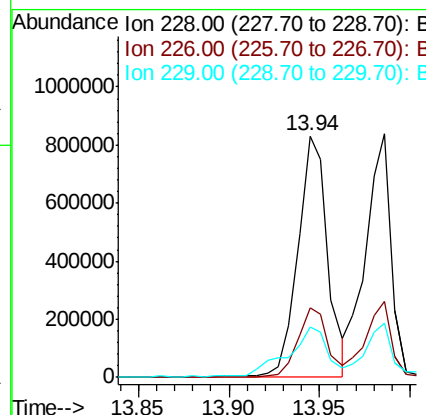
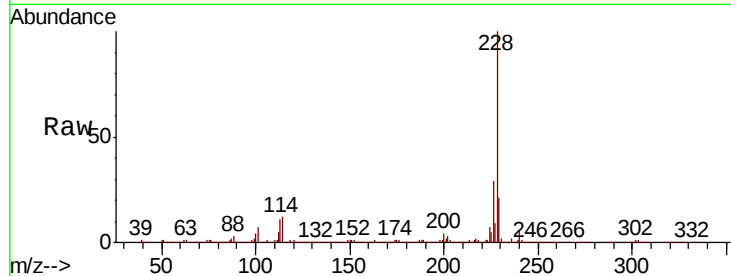




#81
Benzo(a)anthracene
Concen: 49.143 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

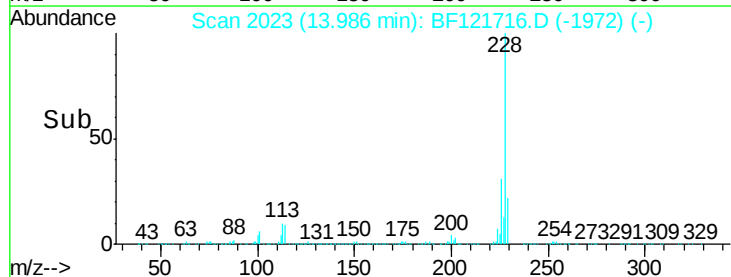
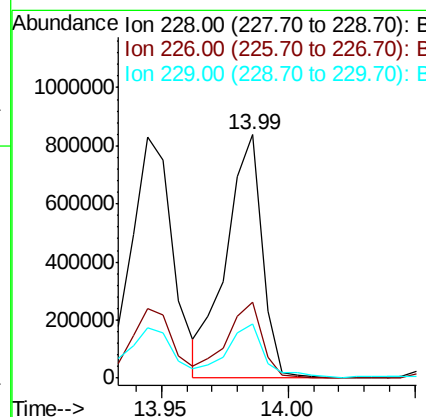
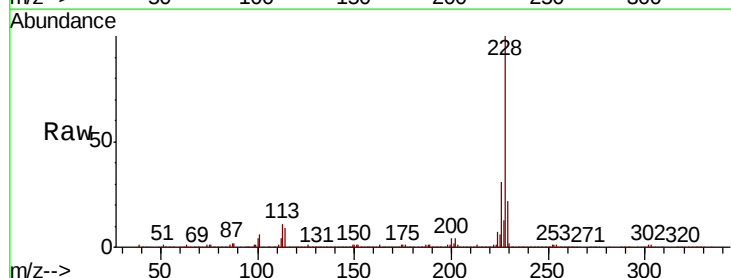
Instrument :
BNA_F
ClientSampleId :
B-5(13-15)

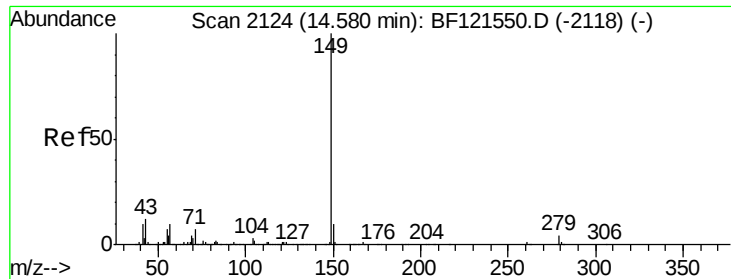
Tot Ion:228 Resp: 958841
Ion Ratio Lower Upper
228 100
226 29.0 22.5 33.7
229 20.9 16.2 24.4



#83
Chrysene
Concen: 41.606 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Tgt Ion:228 Resp: 822028
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.4
229 22.4 16.0 24.0

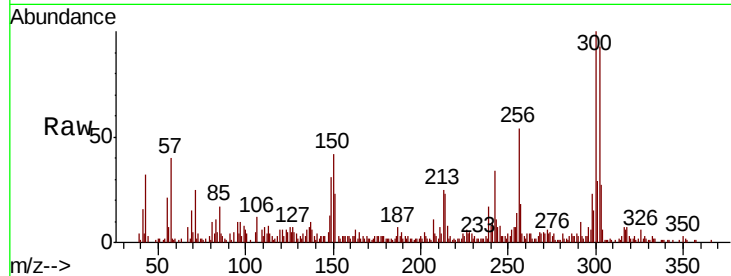




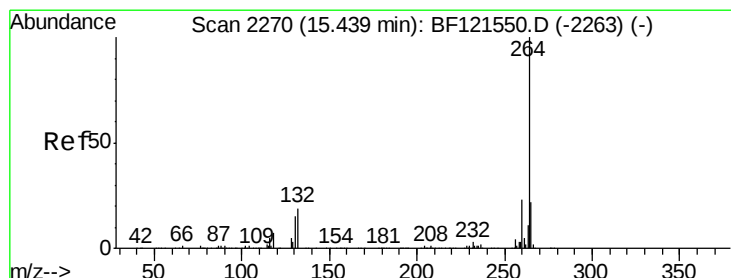
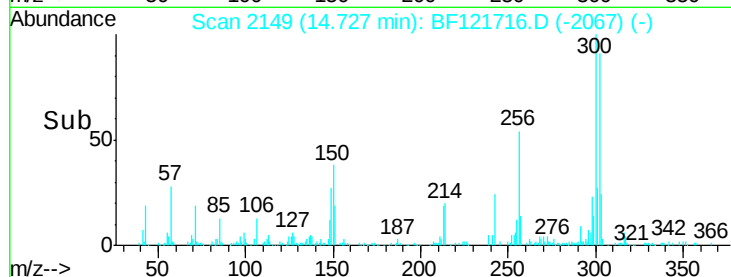
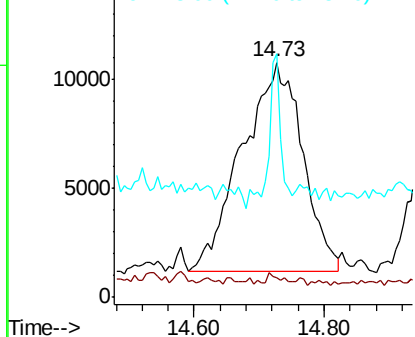
#85
Di-n-octyl phthalate
Concen: 2.861 ng
RT: 14.73 min Scan# 2149
Delta R.T. 0.18 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Instrument :
BNA_F
ClientSampled :
B-5(13-15)

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.2	1.2	1.8
43	15.0	9.1	13.7#

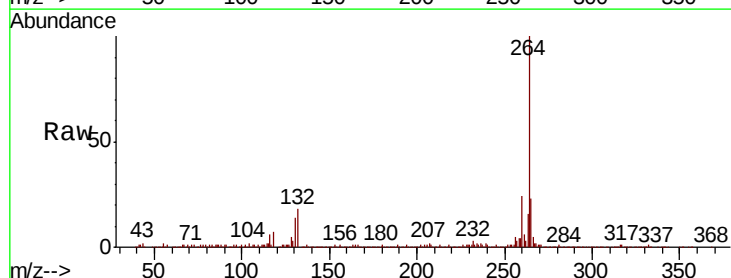


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

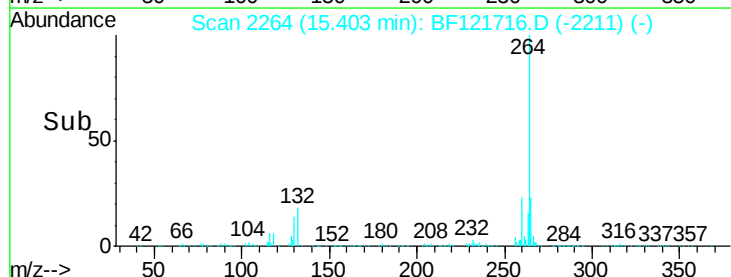
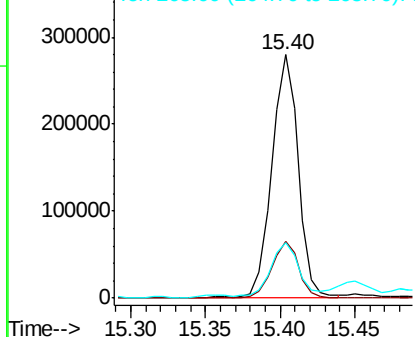


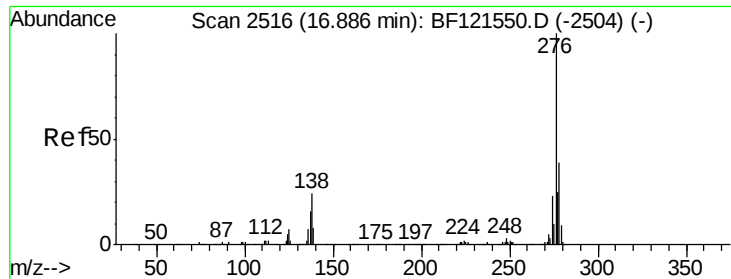
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	23.0	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

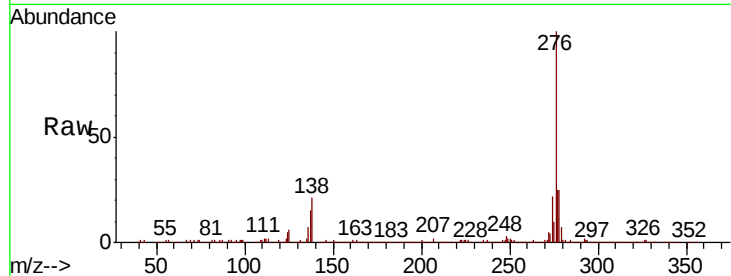




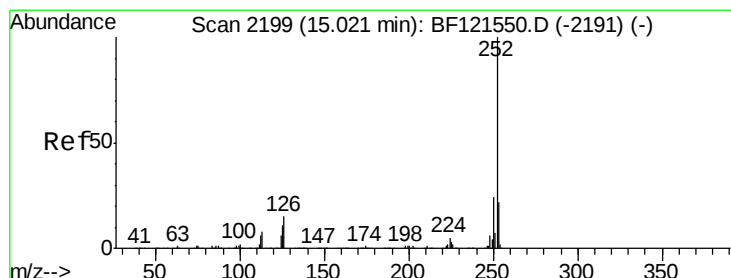
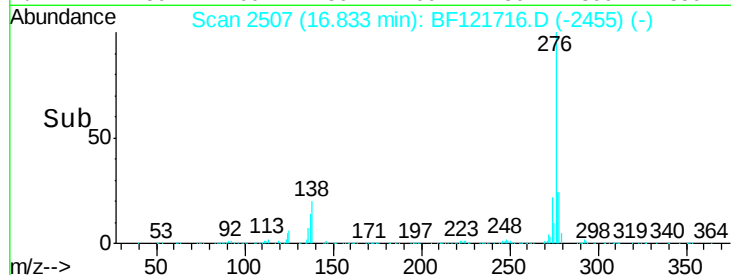
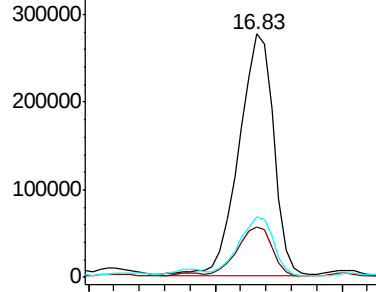
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 23.744 ng
 RT: 16.83 min Scan# 2507
 Delta R.T. 0.01 min
 Lab File: BF121716.D
 Acq: 28 Sep 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 B-5(13-15)

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.5	29.3
277	24.0	20.2	30.4

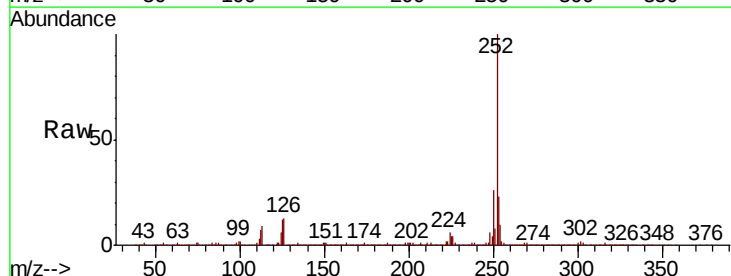


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

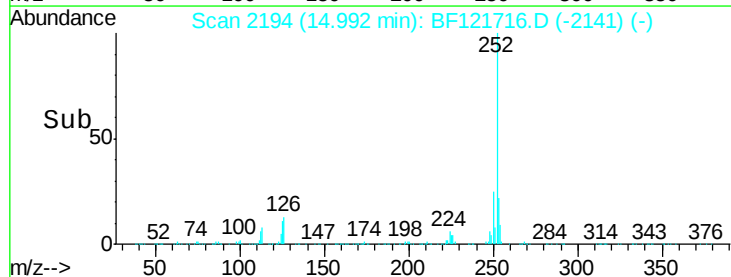
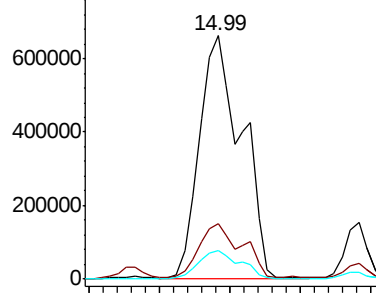


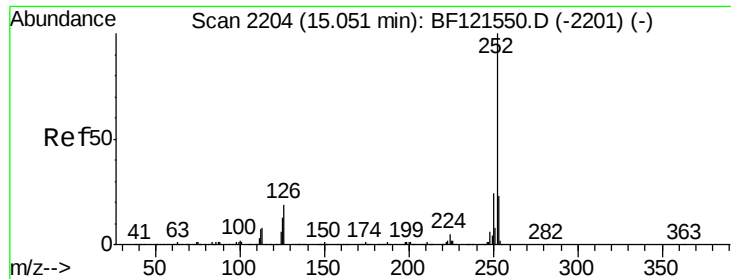
#88
 Benzo(b)fluoranthene
 Concen: 60.115 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: BF121716.D
 Acq: 28 Sep 2020 17:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.6	8.6	13.0



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





#89

Benzo(k)fluoranthene

Concen: 65.647 ng

RT: 14.99 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

Instrument :

BNA_F

ClientSampleId :

B-5(13-15)

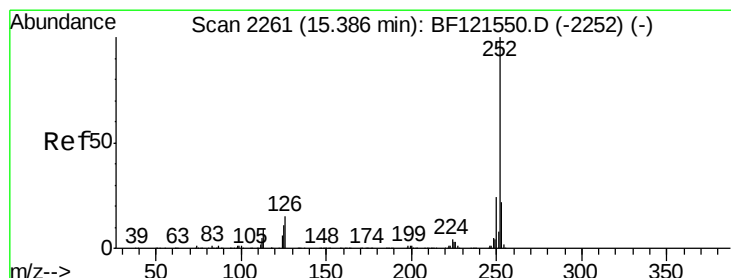
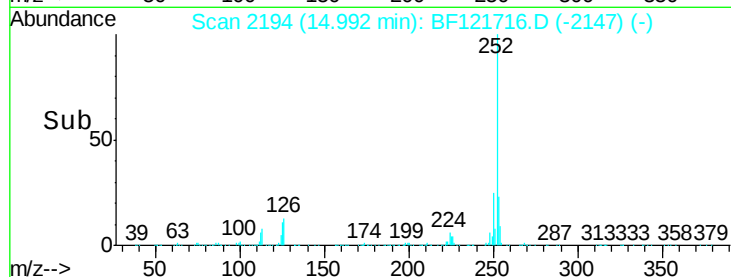
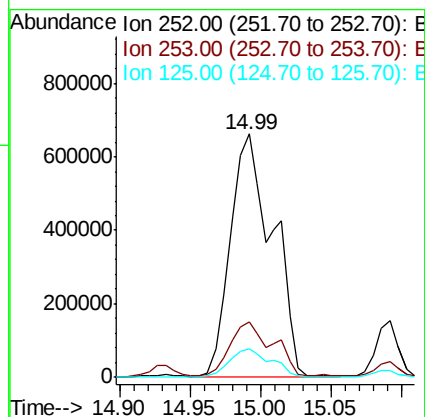
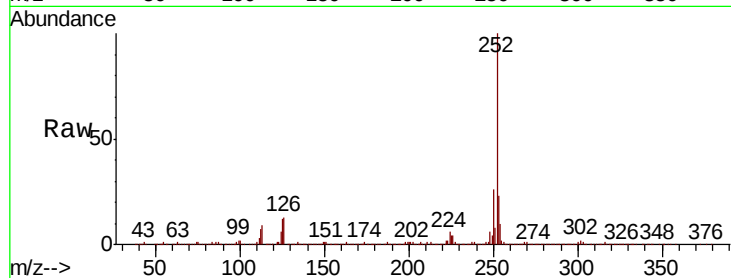
Tot Ion:252 Resp: 1380875

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 11.6 7.1 10.7#



#90

Benzo(a)pyrene

Concen: 39.940 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF121716.D

Acq: 28 Sep 2020 17:11

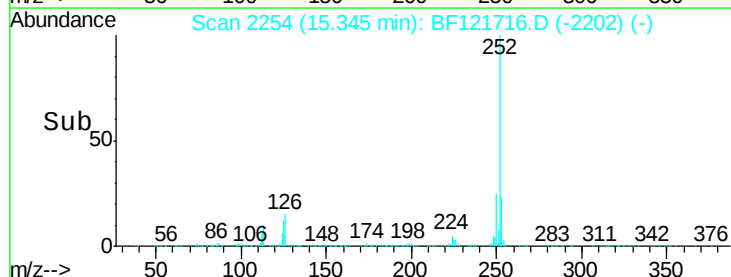
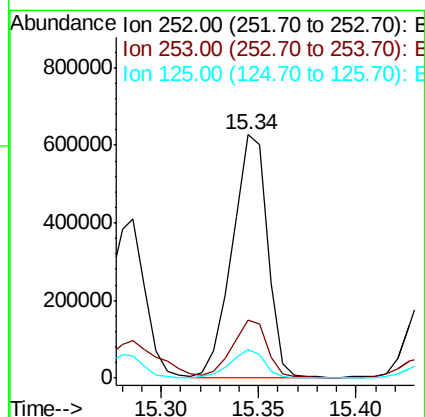
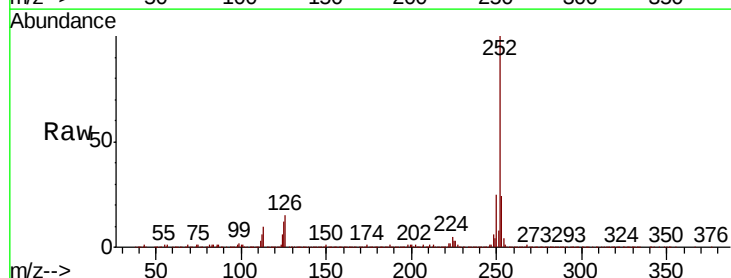
Tgt Ion:252 Resp: 779851

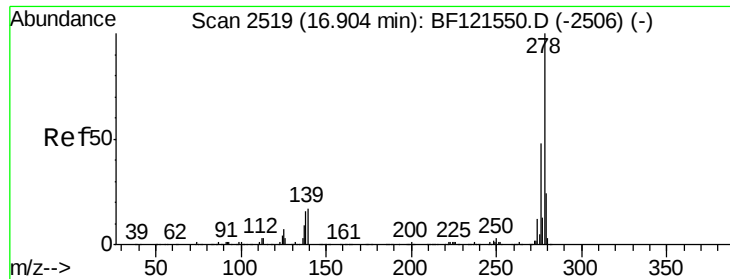
Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

125 12.0 9.2 13.8

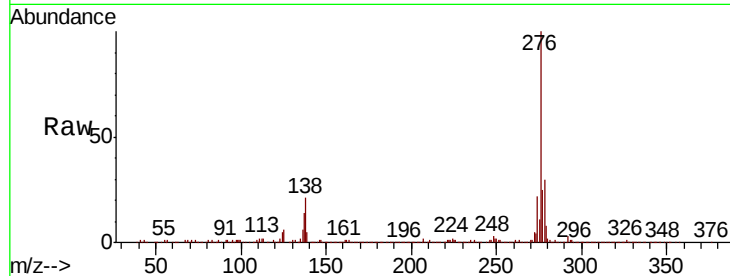




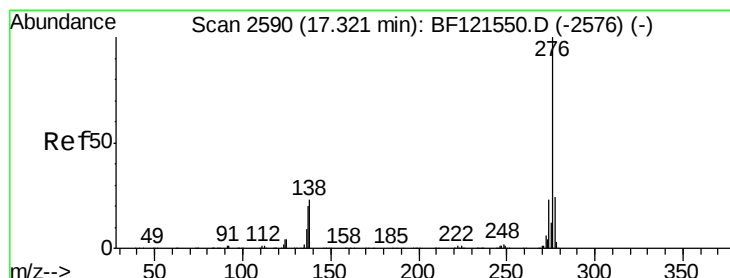
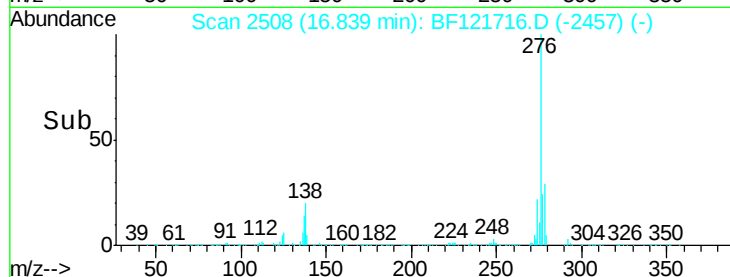
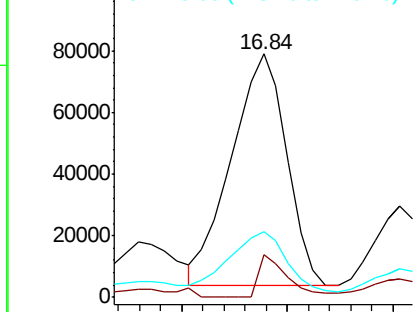
#91
Dibenzo(a,h)anthracene
Concen: 7.323 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Instrument :
BNA_F
ClientSampleId :
B-5(13-15)

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.0	19.4
279	26.9	19.3	28.9

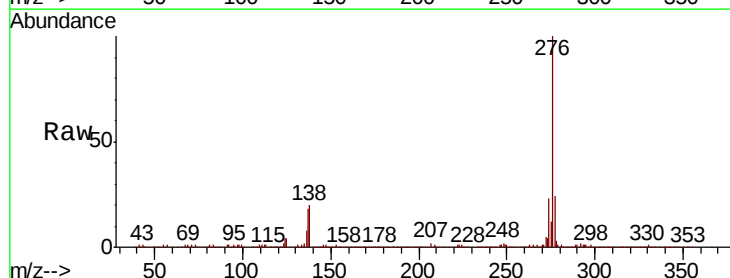


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 25.591 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.01 min
Lab File: BF121716.D
Acq: 28 Sep 2020 17:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	20.3	16.6	25.0



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

