

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119306.D
 Acq On : 10 Mar 2020 2:22
 Operator : CG/JU
 Sample : L1778-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 03:04:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	106605	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	399634	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	217649	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	369764	20.00	ng	0.00
76) Chrysene-d12	13.89	240	260361	20.00	ng	0.00
87) Perylene-d12	15.32	264	271217	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	614903	96.39	ng	0.00
7) Phenol-d6	6.38	99	747077	96.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	478306	63.19	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	237584	83.44	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	949159	64.24	ng	0.00
79) Terphenyl-d14	12.82	244	863206	57.08	ng	0.00

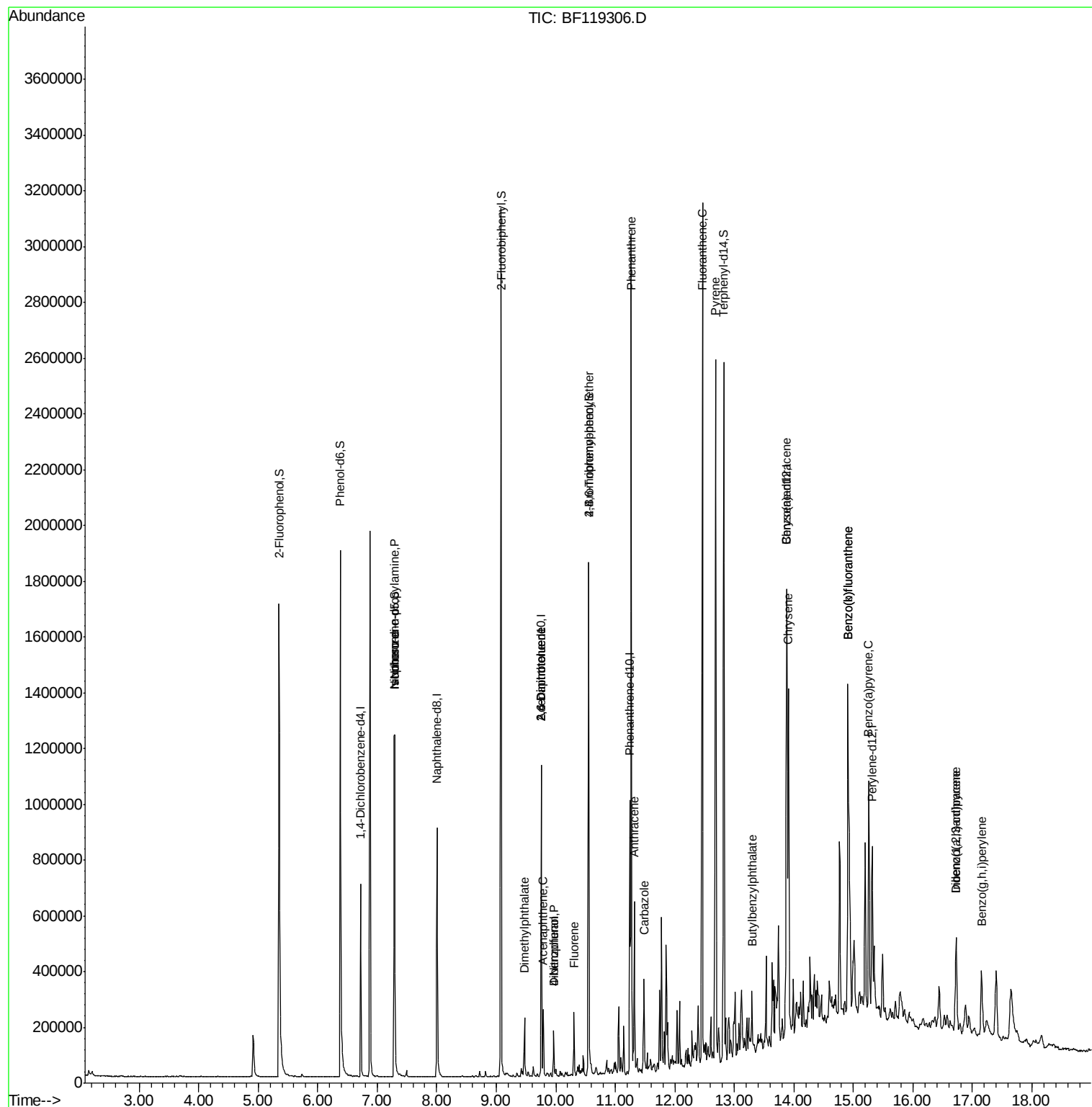
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.29	70	67243	14.875	ng	# 73
25) Isophorone	7.29	82	478306	36.387	ng	# 63
50) Dimethylphthalate	9.47	163	87074	5.232	ng	98
51) 2,6-Dinitrotoluene	9.76	165	28659	7.751	ng	# 33
52) Acenaphthene	9.79	154	53611	4.343	ng	99
55) Dibenzofuran	9.96	168	61707	3.349	ng	94
56) 4-Nitrophenol	9.96	139	23095	9.377	ng	# 11
57) 2,4-Dinitrotoluene	9.76	165	28659	5.980	ng	# 21
58) Fluorene	10.30	166	63050	4.403	ng	99
67) 4-Bromophenyl-phenylether	10.55	248	15080	3.120	ng	# 1
71) Phenanthrene	11.27	178	1118999	55.492	ng	99
72) Anthracene	11.32	178	247433	12.281	ng	97
73) Carbazole	11.48	167	128888	7.181	ng	97
75) Fluoranthene	12.46	202	1329229	62.100	ng	98
78) Pyrene	12.69	202	1083553	51.828	ng	99
80) Butylbenzylphthalate	13.29	149	45766	5.201	ng	97
81) Benzo(a)anthracene	13.87	228	591808	33.360	ng	99
83) Chrysene	13.91	228	494570	27.979	ng	97
86) Indeno(1,2,3-cd)pyrene	16.73	276	221140	12.920	ng	95
88) Benzo(b)fluoranthene	14.91	252	868699	48.593	ng	99
89) Benzo(k)fluoranthene	14.91	252	868699	52.435	ng	99
90) Benzo(a)pyrene	15.26	252	415564	25.756	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	60025	4.228	ng	# 88
92) Benzo(g,h,i)perylene	17.15	276	200406	14.287	ng	98

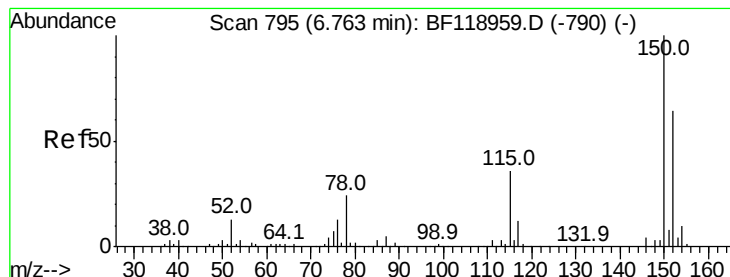
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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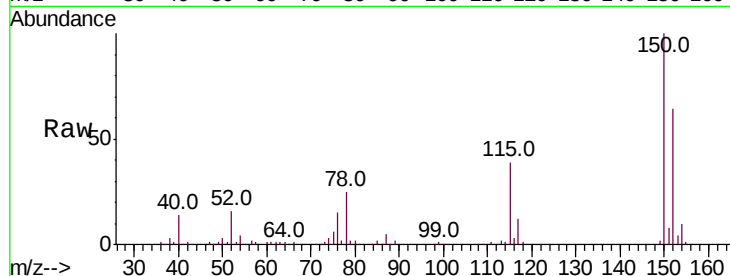


#1

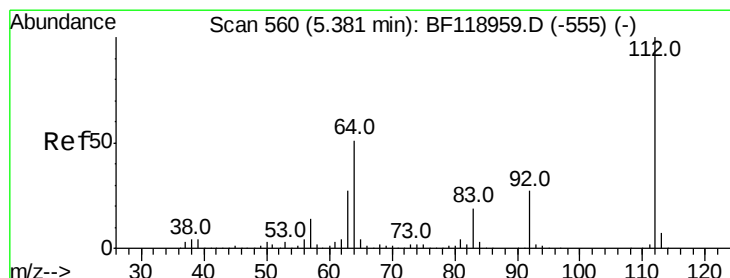
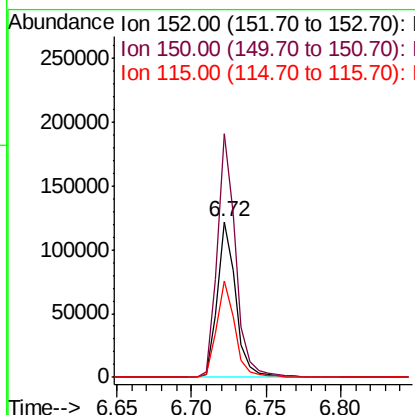
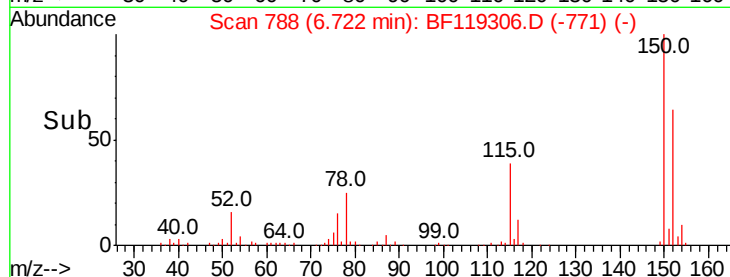
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106605
Ion Ratio Lower Upper
152 100
150 156.4 123.0 184.6
115 61.7 49.5 74.3



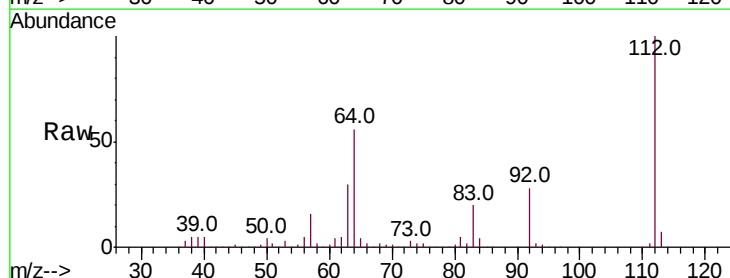
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



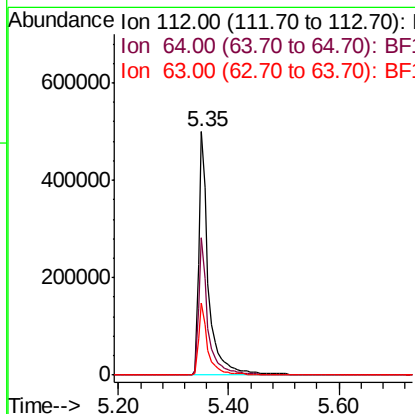
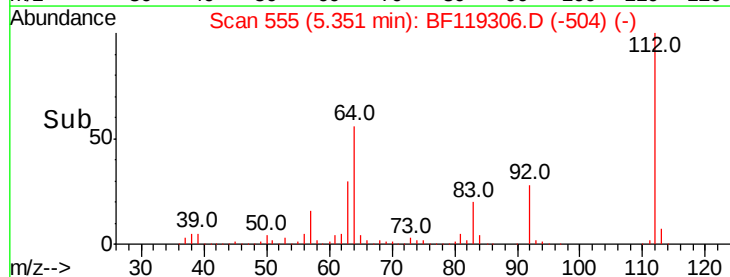
#5

2-Fluorophenol
Concen: 96.394 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Tgt Ion:112 Resp: 614903
Ion Ratio Lower Upper
112 100
64 56.5 45.0 67.4
63 29.9 24.2 36.4



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





#7

Phenol-d6

Concen: 96.297 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

Instrument :

BNA_F

ClientSampleId :

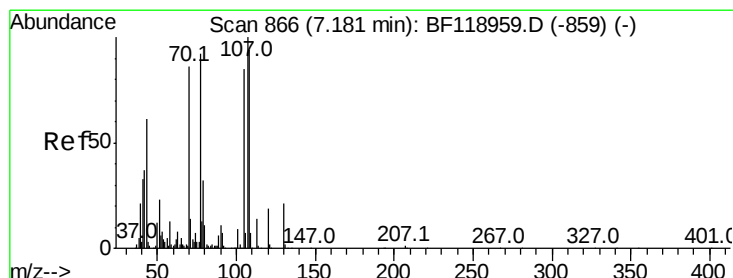
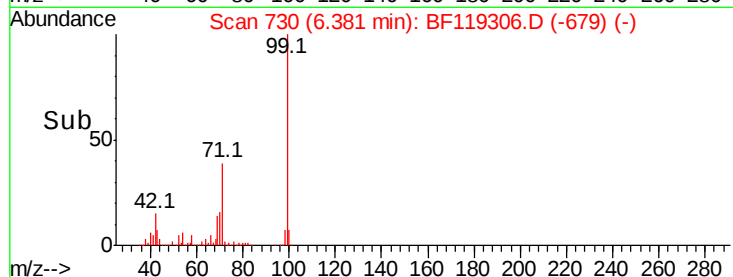
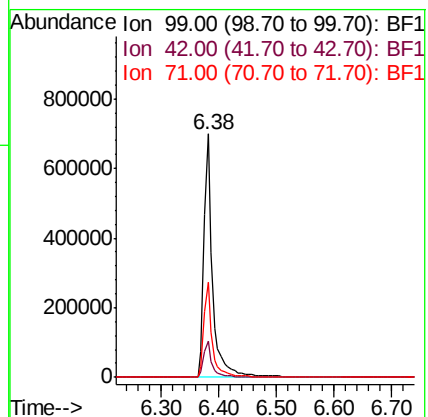
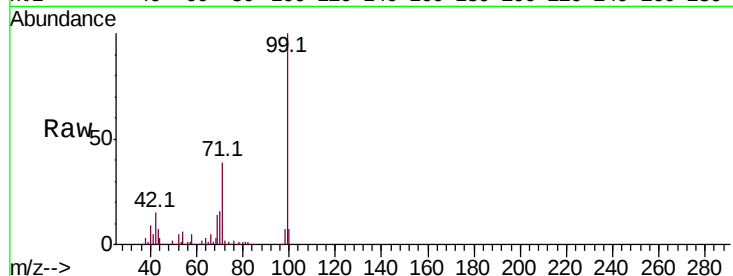
Tot Ion: 99 Resp: 747077

Ion Ratio Lower Upper

99 100

42 15.1 12.6 18.8

71 39.0 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.875 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

Tgt Ion: 70 Resp: 67243

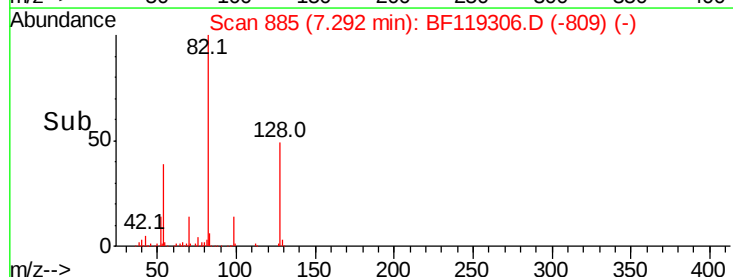
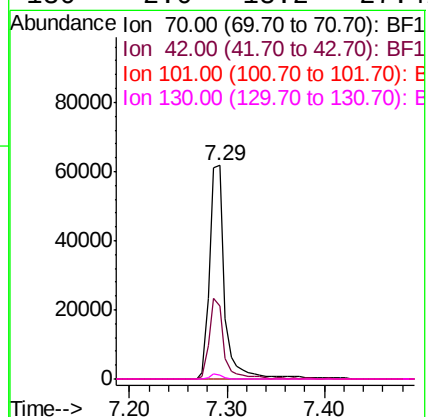
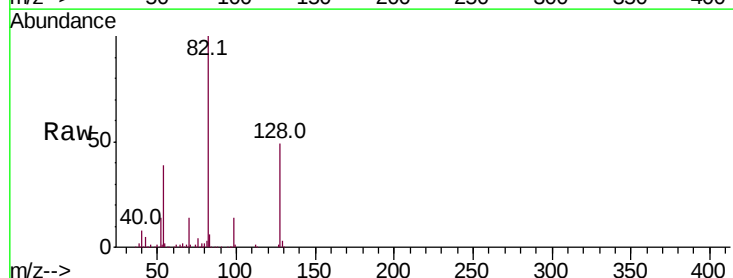
Ion Ratio Lower Upper

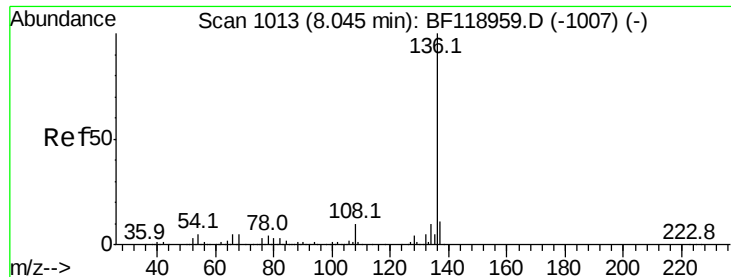
70 100

42 34.2 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#

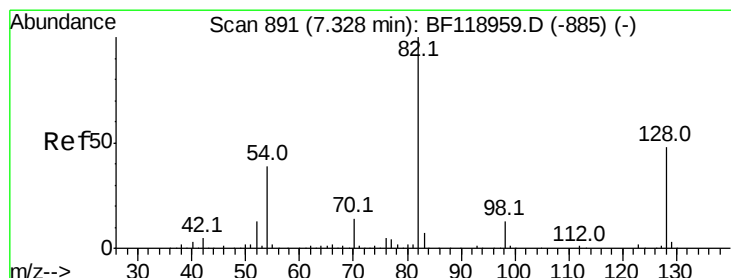
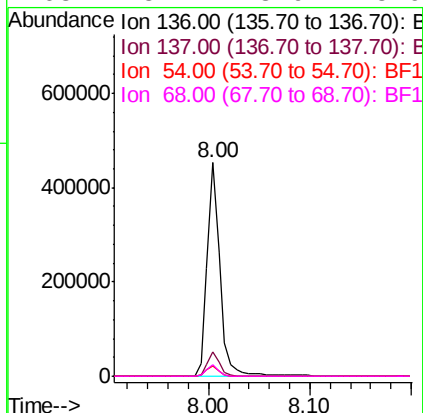
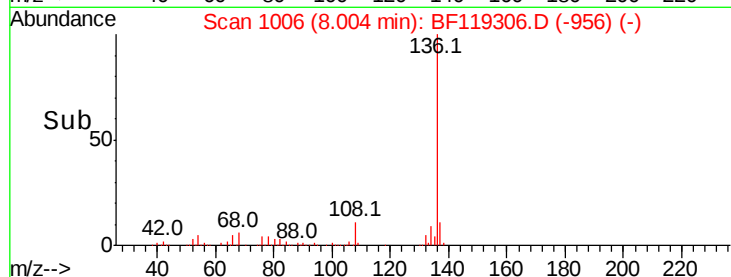
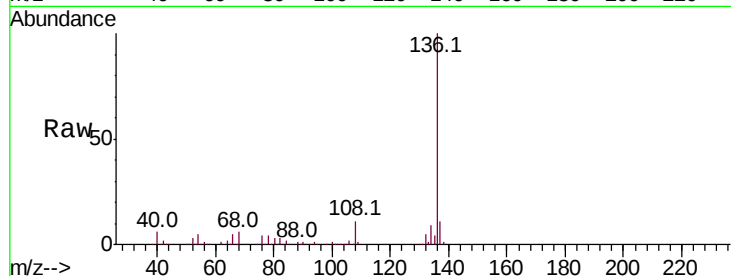




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

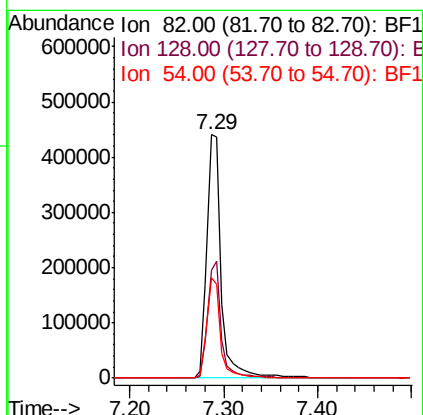
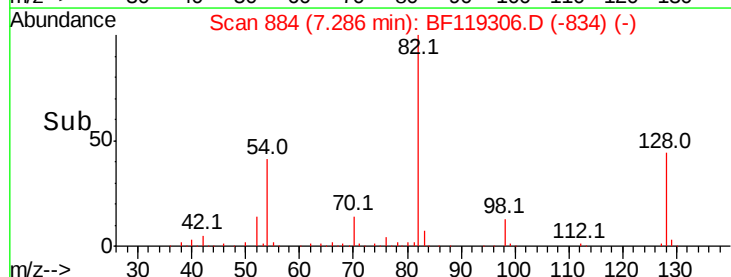
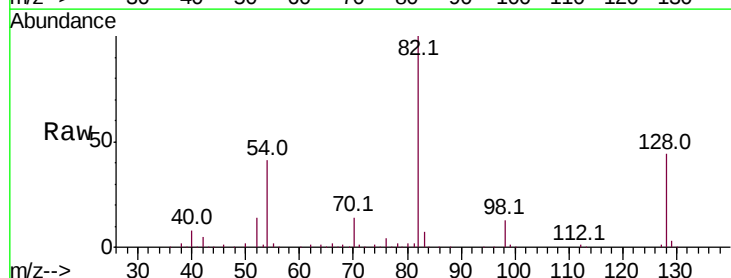
Instrument :
BNA_F
ClientSampleId :

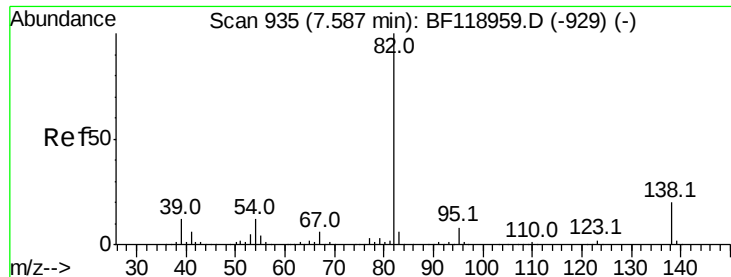
Tot Ion:	136	Resp:	399634
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.0	3.8	5.6
68	5.7	3.9	5.9



#23
Nitrobenzene-d5
Concen: 63.194 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Tgt Ion:	82	Resp:	478306
Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.9	56.9
54	40.9	33.4	50.2





#25

Isophorone

Concen: 36.387 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

Instrument :

BNA_F

ClientSampled :

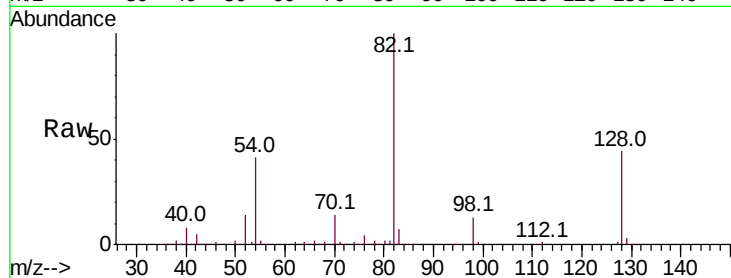
Tot Ion: 82 Resp: 478306

Ion Ratio Lower Upper

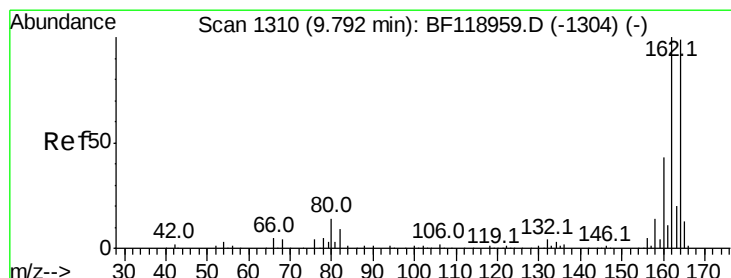
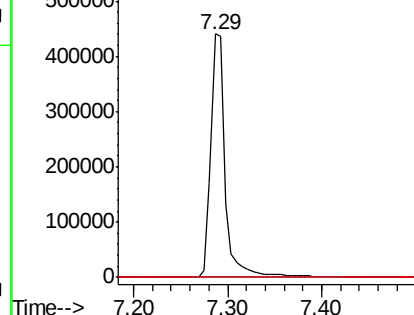
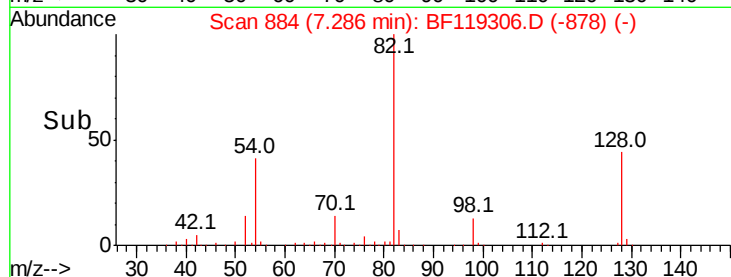
82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

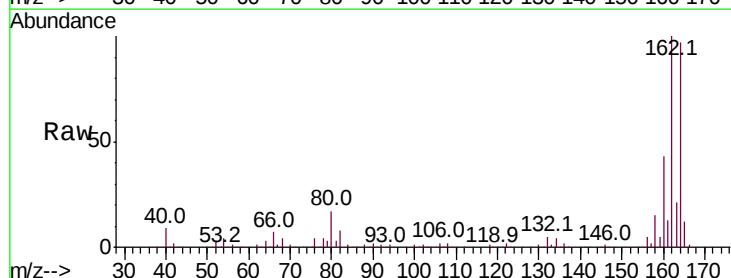
Tgt Ion: 164 Resp: 217649

Ion Ratio Lower Upper

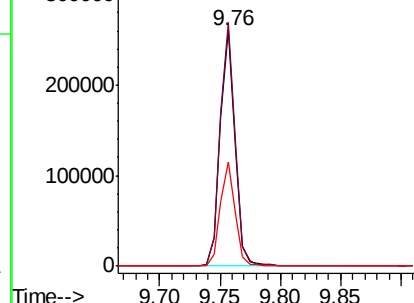
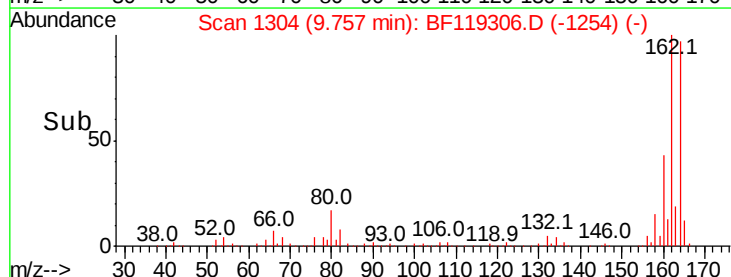
164 100

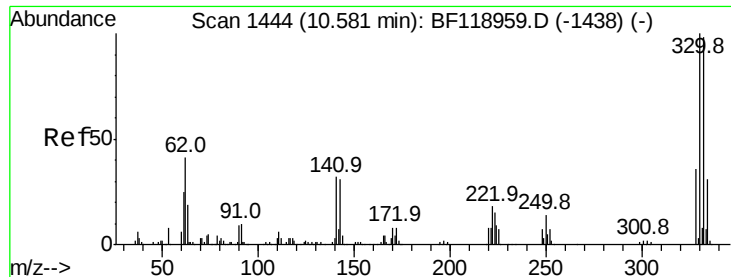
162 103.4 81.8 122.8

160 44.4 36.0 54.0



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

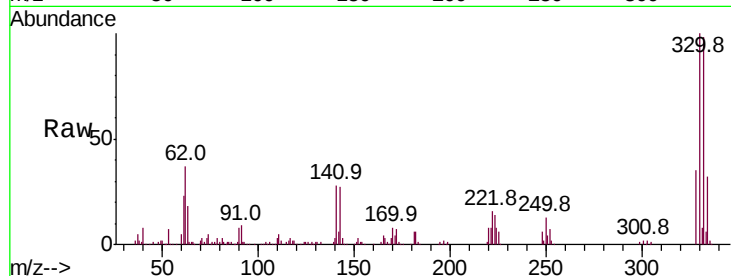




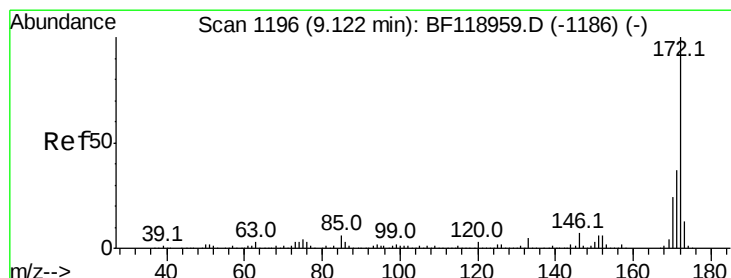
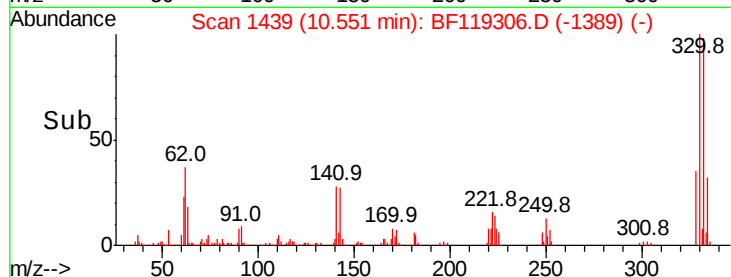
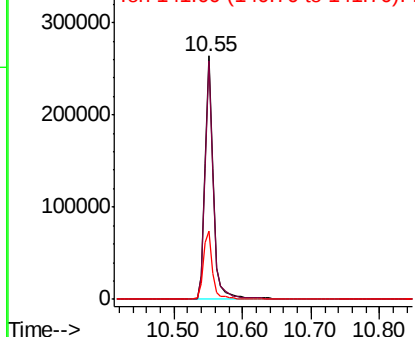
#42
 2,4,6-Tribromophenol
 Concen: 83.444 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119306.D
 Acq: 10 Mar 2020 2:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	30.4	22.9	34.3

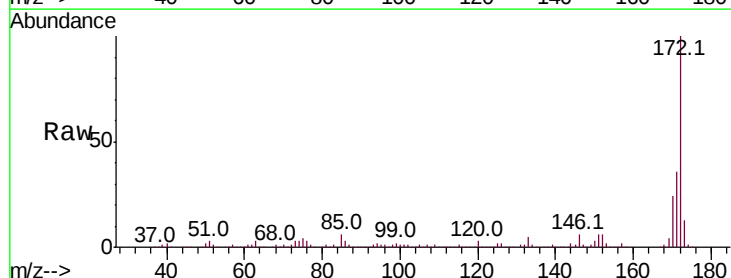


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

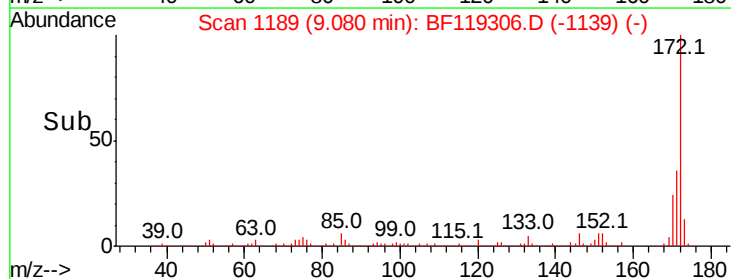
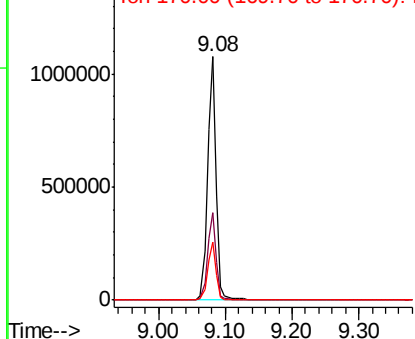


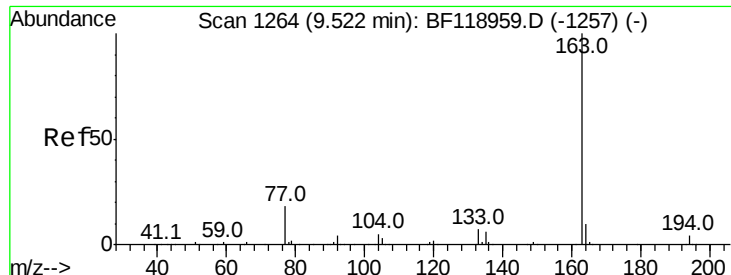
#45
 2-Fluorobiphenyl
 Concen: 64.244 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119306.D
 Acq: 10 Mar 2020 2:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	23.6	20.2	30.2



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

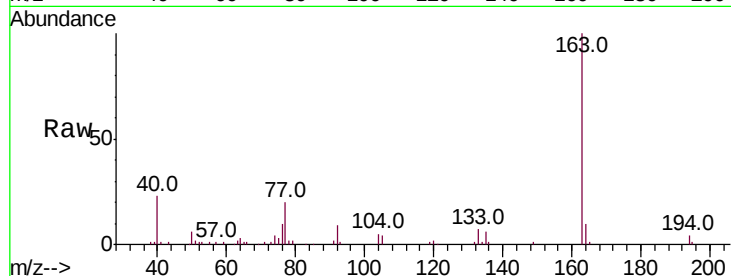




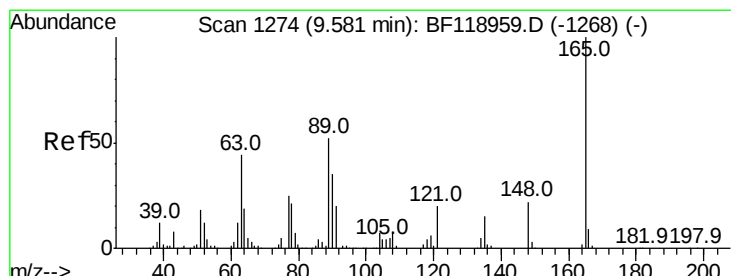
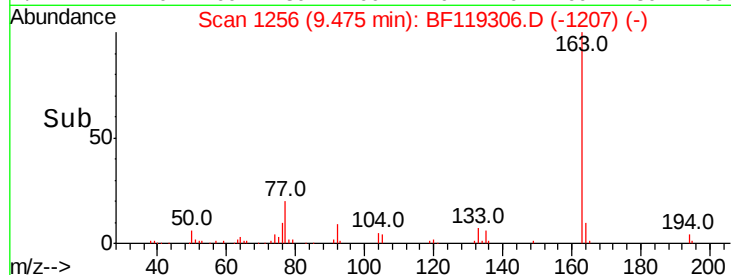
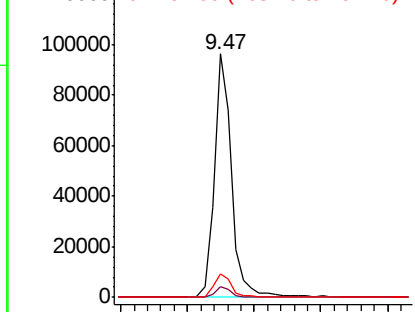
#50
Dimethylphthalate
Concen: 5.232 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 87074
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.6 8.4 12.6

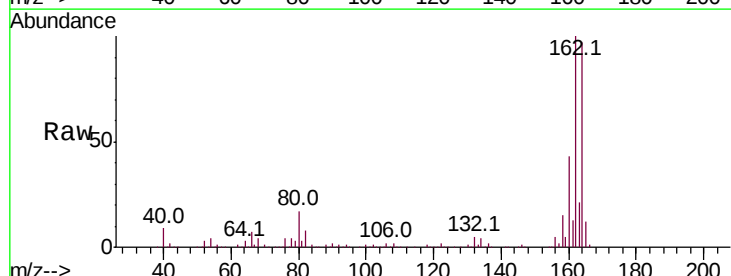


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

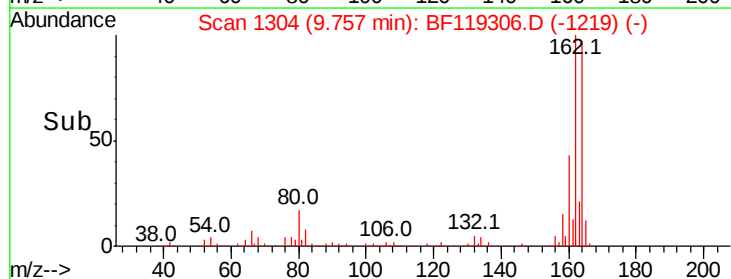
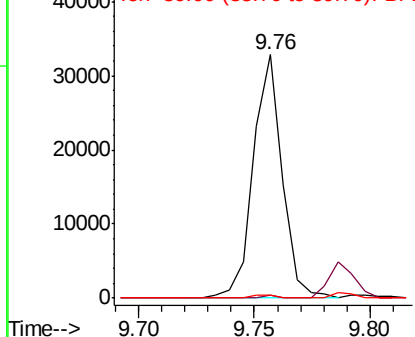


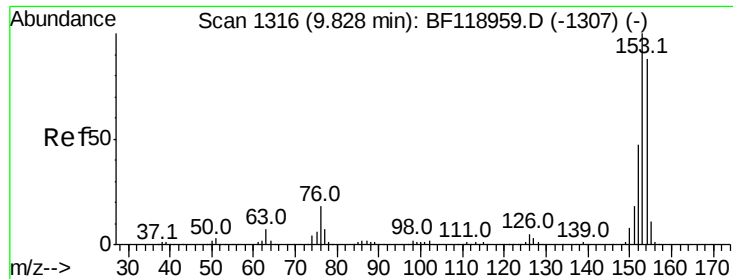
#51
2,6-Dinitrotoluene
Concen: 7.751 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Tgt Ion:165 Resp: 28659
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.4 38.3 57.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 4.343 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

Instrument :

BNA_F

ClientSampleId :

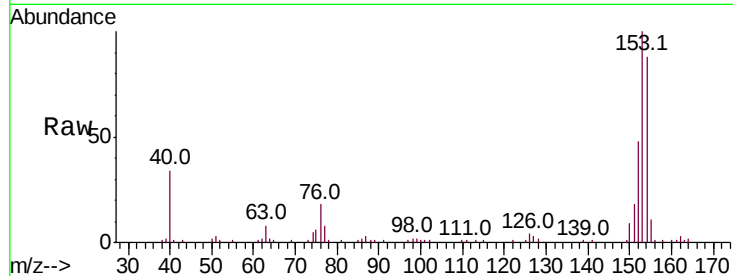
Tot Ion:154 Resp: 53611

Ion Ratio Lower Upper

154 100

153 114.2 90.3 135.5

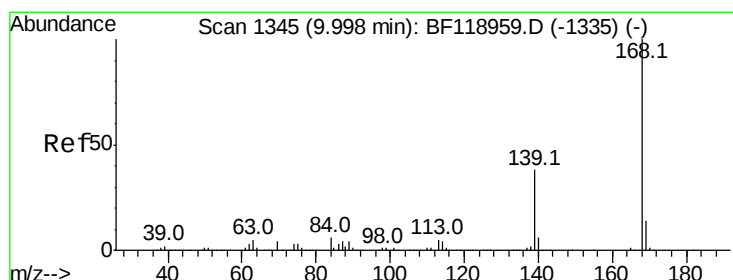
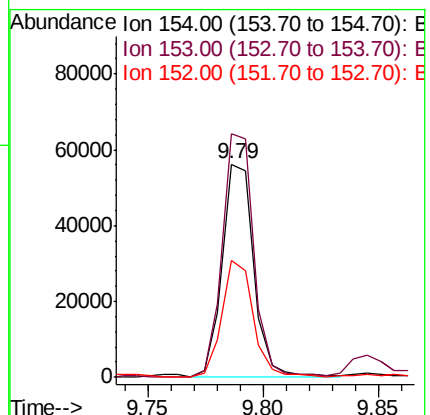
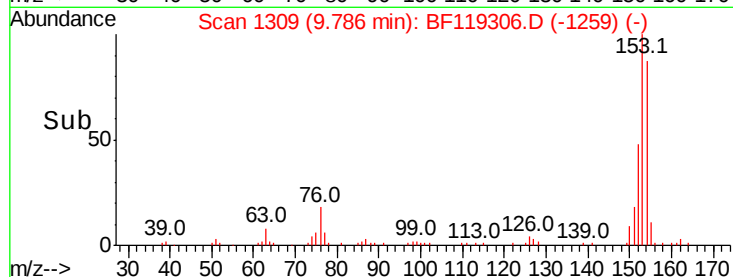
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 3.349 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

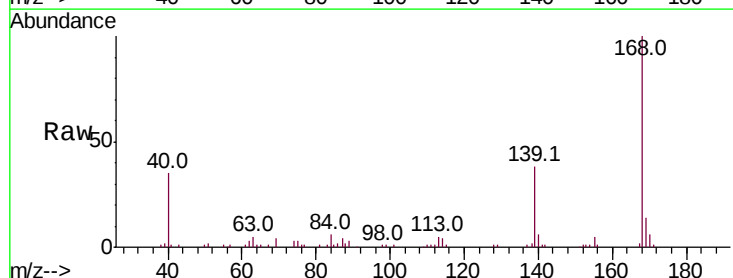
Tgt Ion:168 Resp: 61707

Ion Ratio Lower Upper

168 100

139 38.1 34.0 51.0

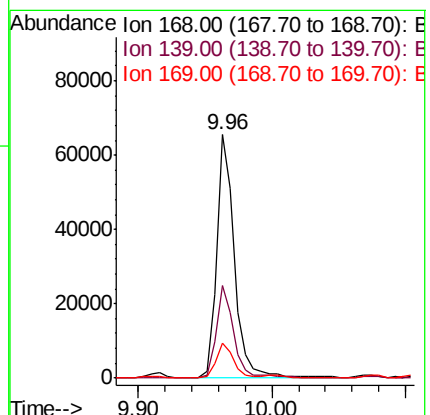
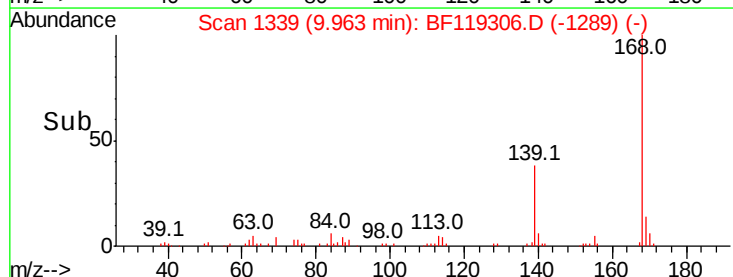
169 14.5 11.0 16.4

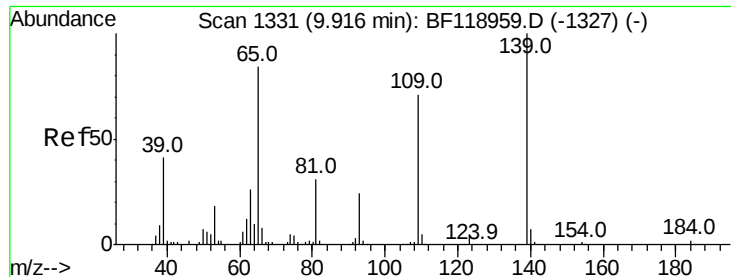


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

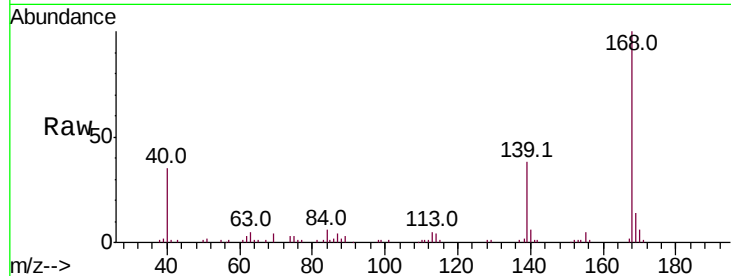




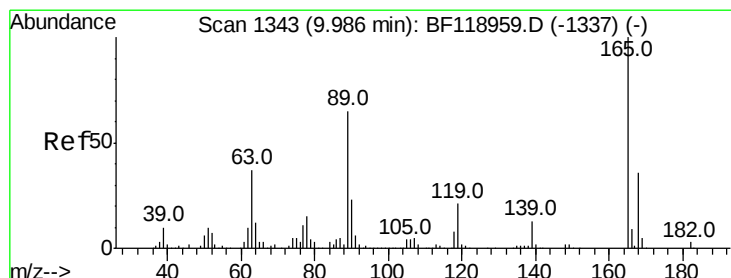
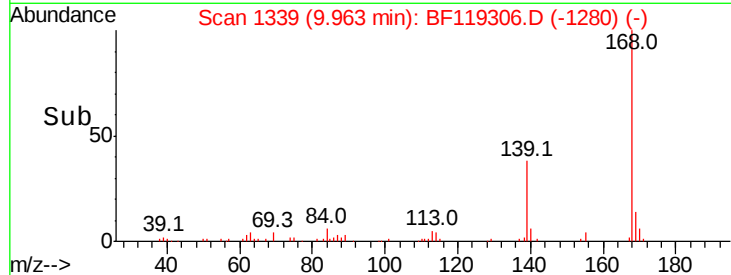
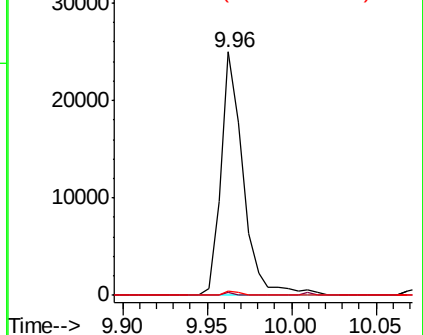
#56
4-Nitrophenol
Concen: 9.377 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.05 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.3	56.7	96.7#
65	1.8	65.0	105.0#

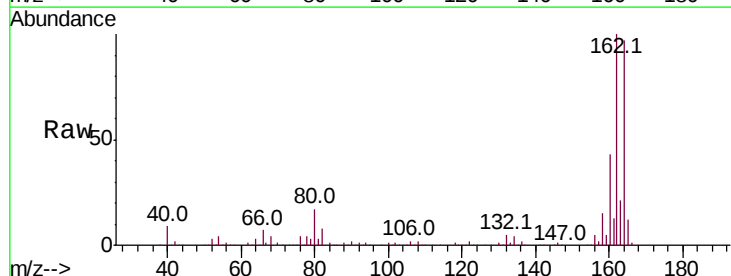


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

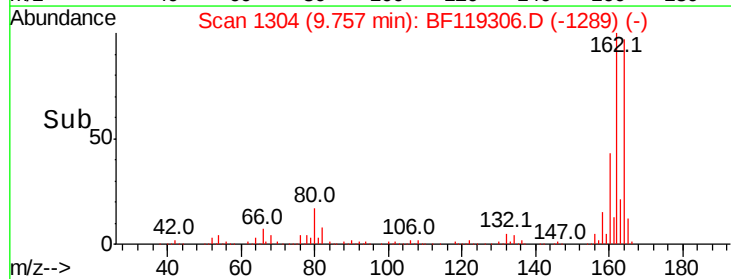
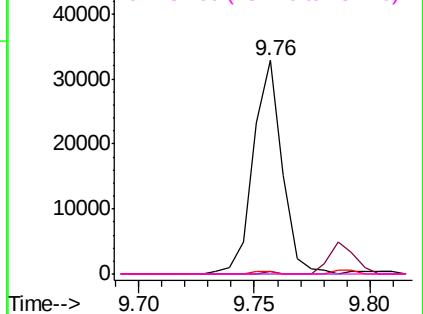


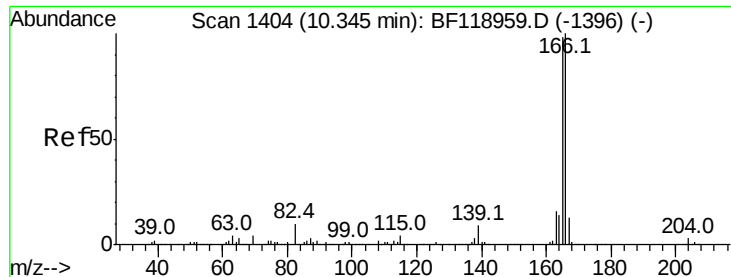
#57
2,4-Dinitrotoluene
Concen: 5.980 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.3	63.5#
89	1.4	60.2	90.4#
182	0.0	2.3	3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 4.403 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

Instrument :

BNA_F

ClientSampleId :

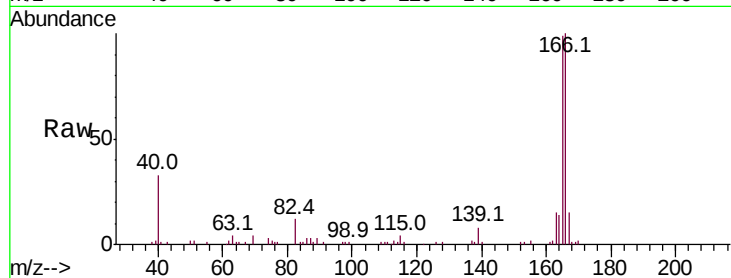
Tot Ion:166 Resp: 63050

Ion Ratio Lower Upper

166 100

165 99.2 78.5 117.7

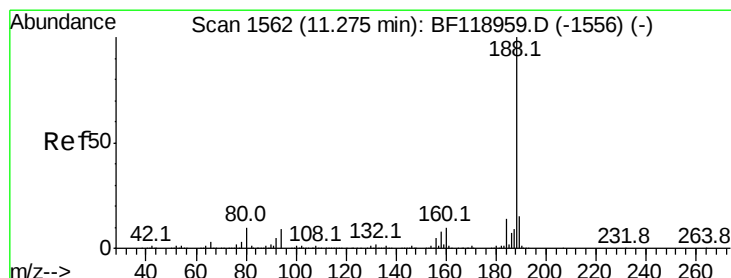
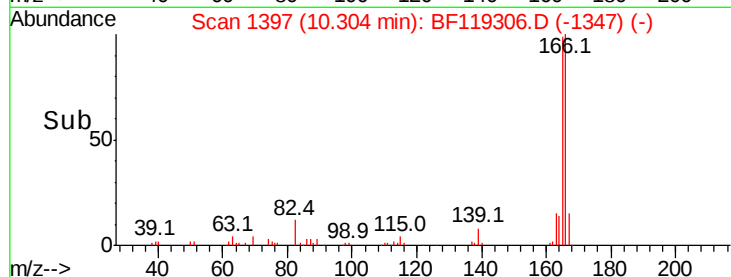
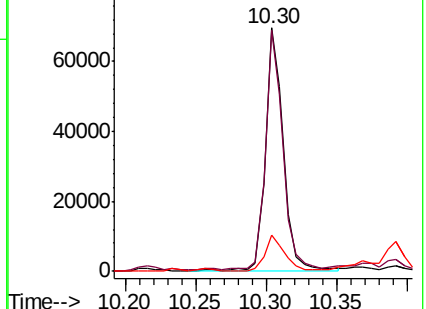
167 15.0 11.0 16.4



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: 11.24 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

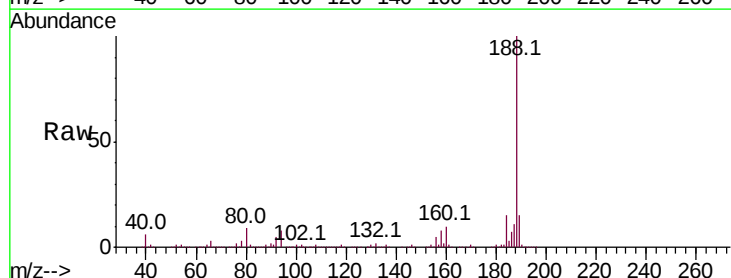
Tgt Ion:188 Resp: 369764

Ion Ratio Lower Upper

188 100

94 8.5 7.1 10.7

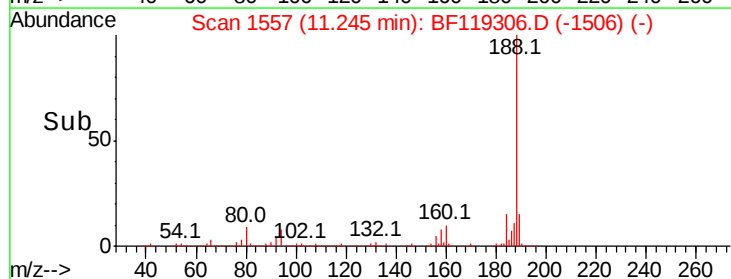
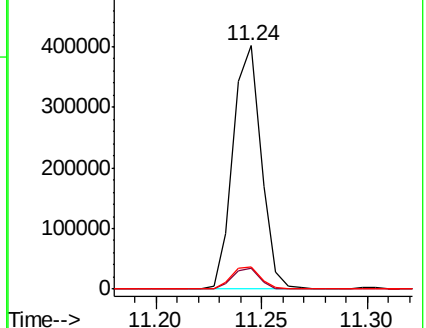
80 9.2 7.8 11.8

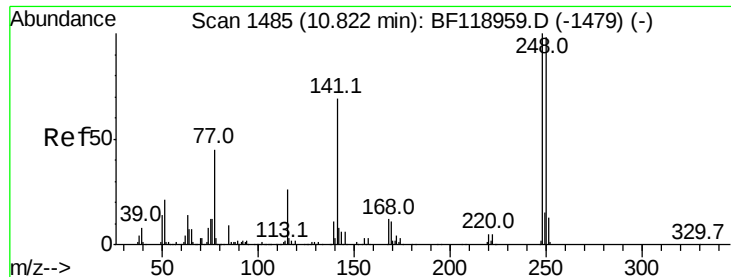


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 3.120 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

Instrument :

BNA_F

ClientSampled :

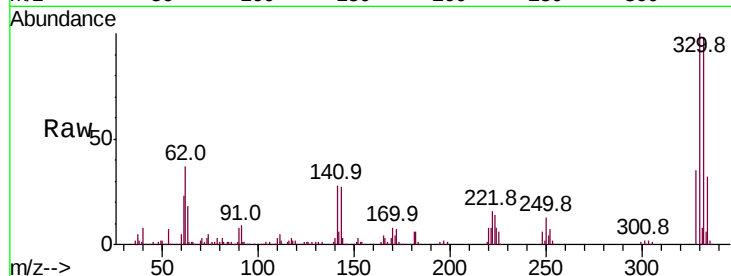
Tot Ion:248 Resp: 15080

Ion Ratio Lower Upper

248 100

250 207.6 76.7 115.1#

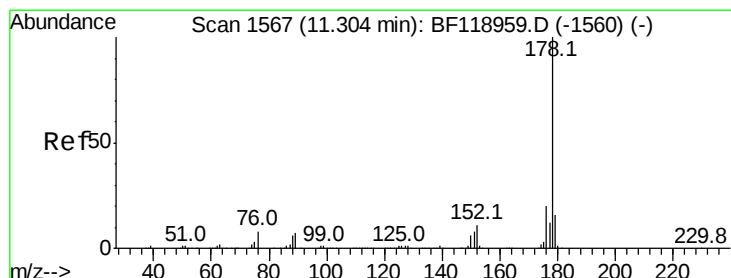
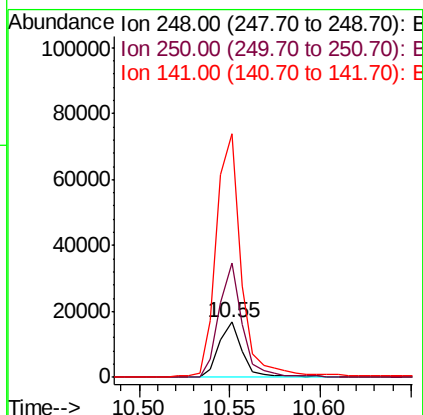
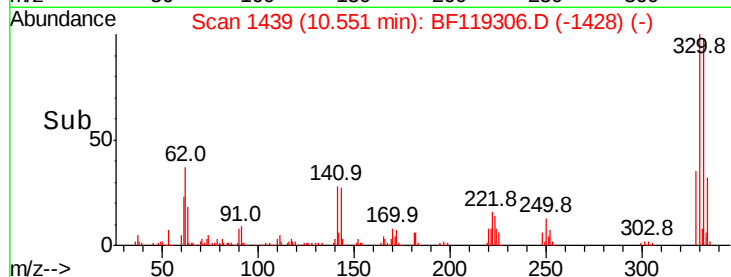
141 441.4 60.7 91.1#



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: 55.492 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

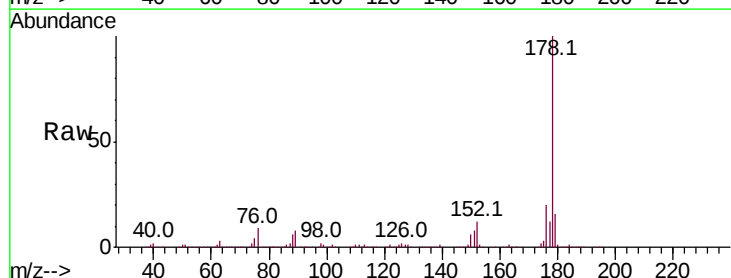
Tgt Ion:178 Resp: 1118999

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

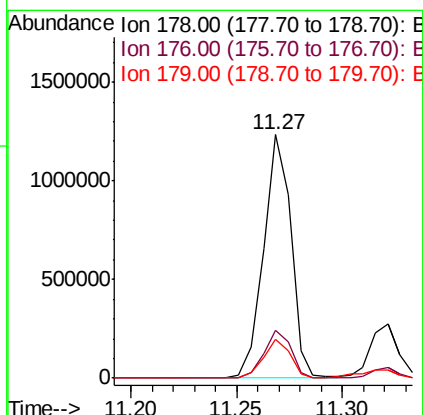
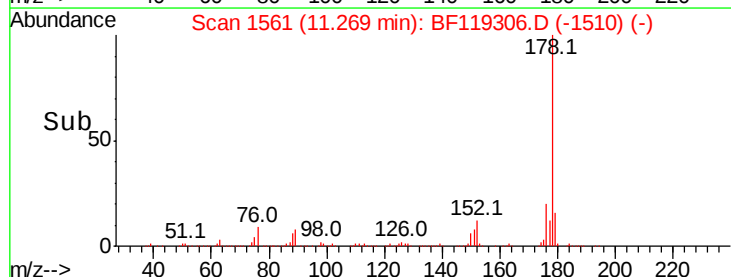
179 15.8 13.0 19.6

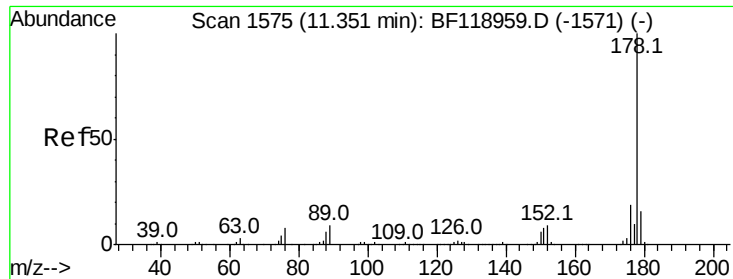


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 12.281 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

Instrument :

BNA_F

ClientSampleId :

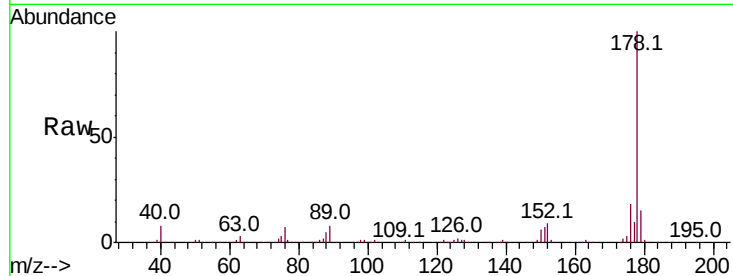
Tot Ion:178 Resp: 247433

Ion Ratio Lower Upper

178 100

176 18.5 16.0 24.0

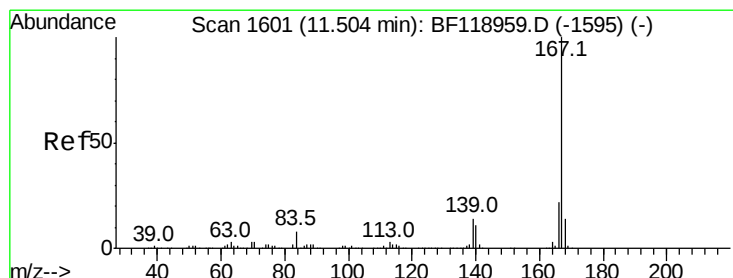
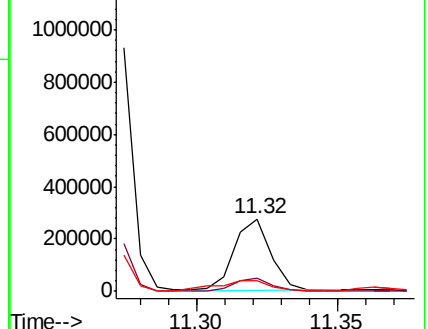
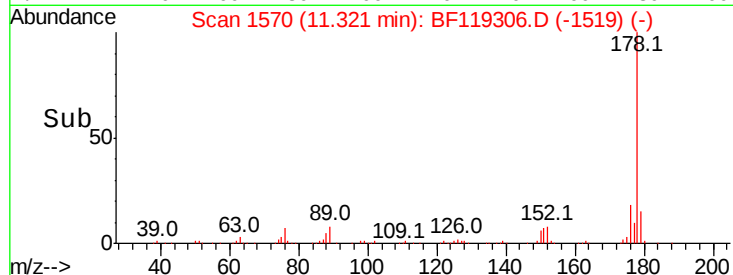
179 15.2 13.1 19.7



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



#73

Carbazole

Concen: 7.181 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

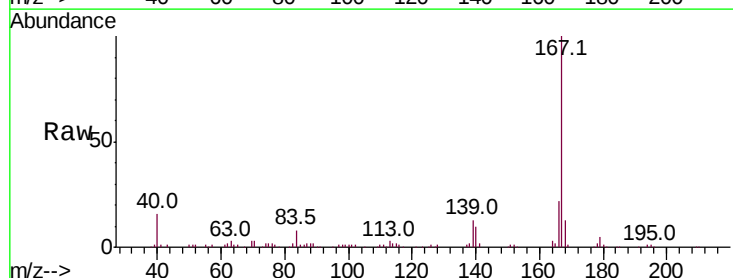
Tgt Ion:167 Resp: 128888

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.4

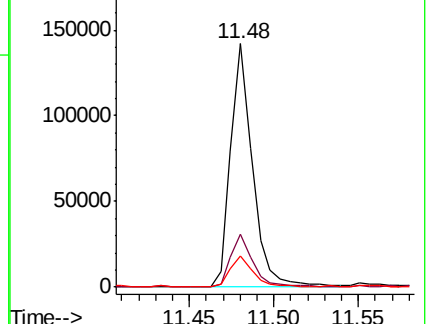
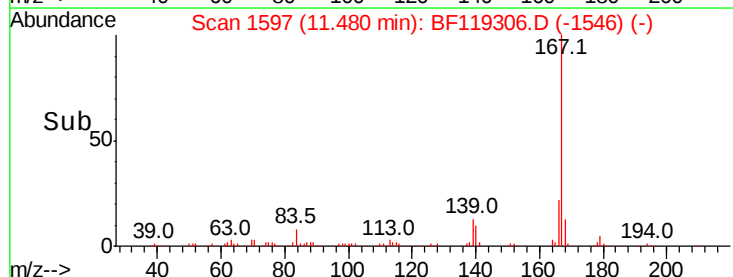
139 13.0 11.7 17.5

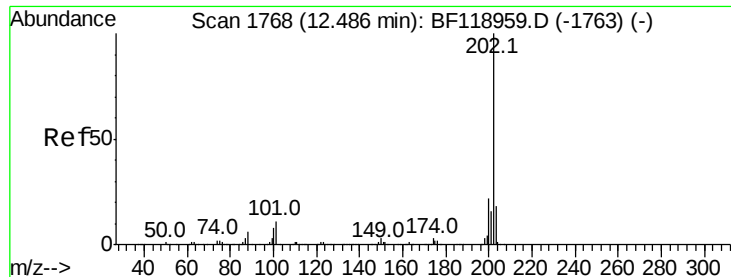


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 62.100 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

Instrument :

BNA_F

ClientSampleId :

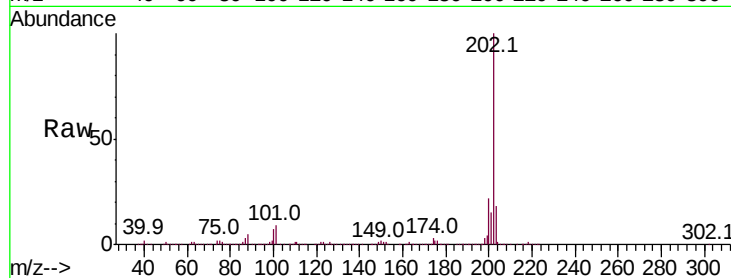
Tot Ion:202 Resp: 1329229

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.3

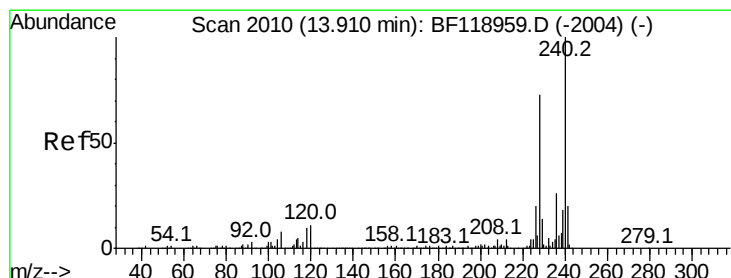
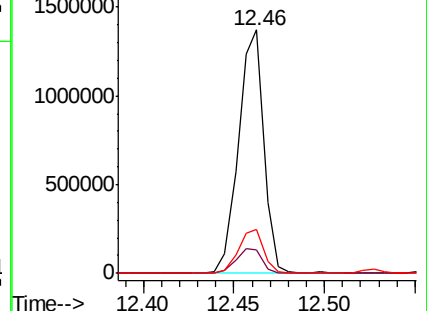
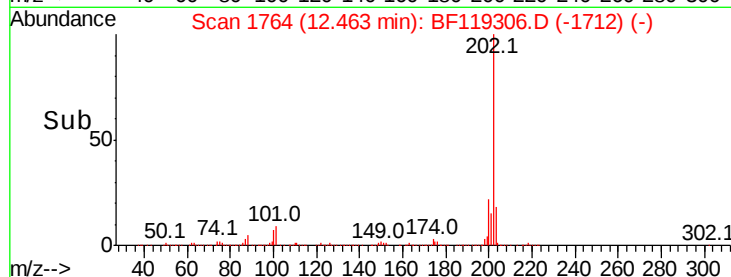
203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

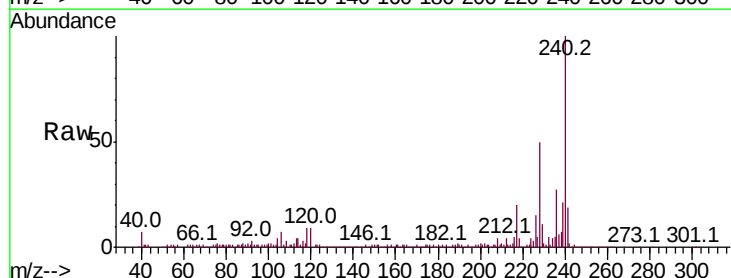
Tgt Ion:240 Resp: 260361

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

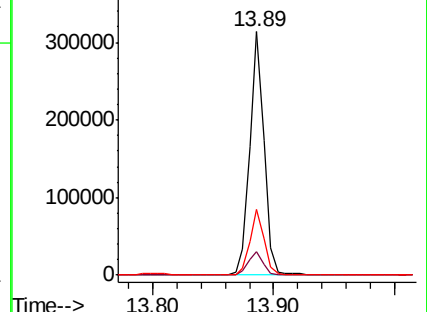
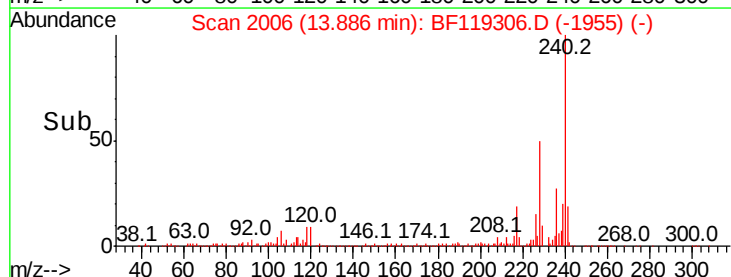
236 27.2 21.0 31.4

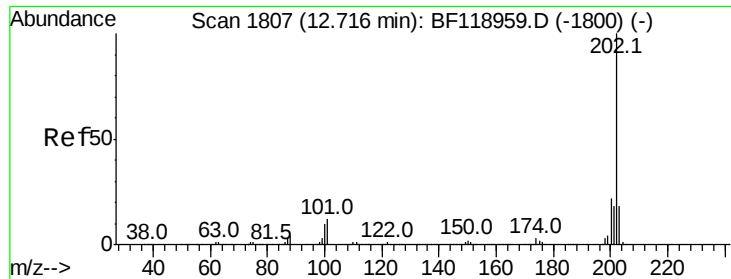


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

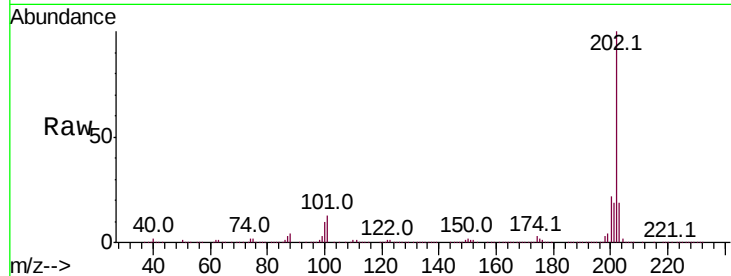




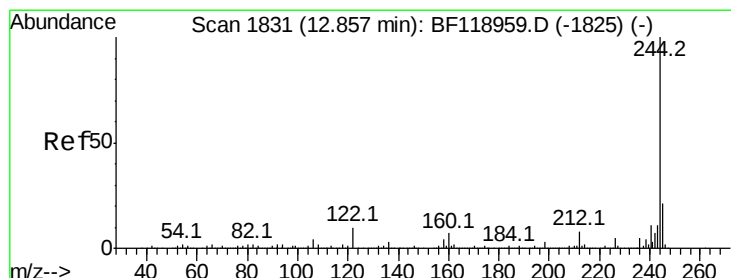
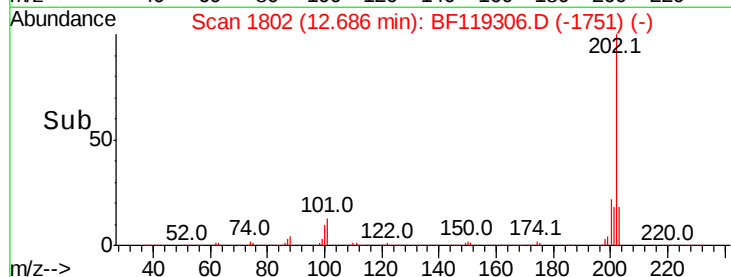
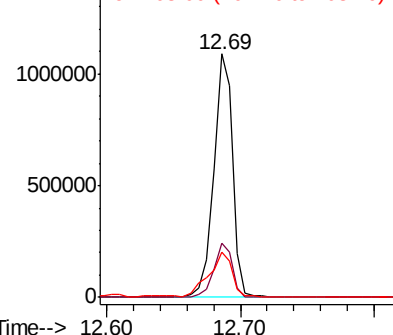
#78
Pvrene
Concen: 51.828 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1083553
Ion Ratio Lower Upper
202 100
200 22.1 18.0 27.0
203 18.6 14.6 22.0

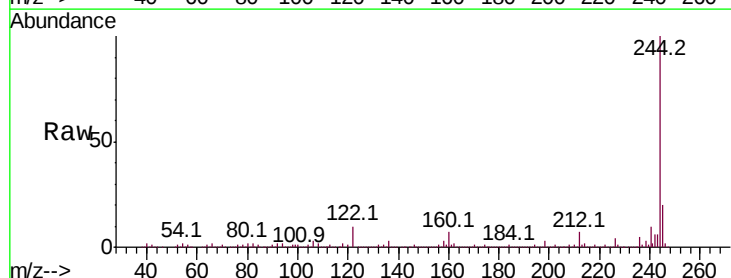


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

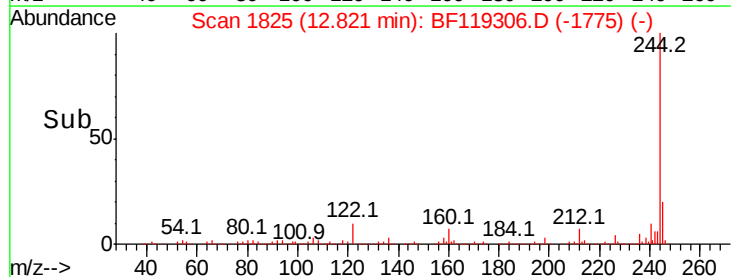
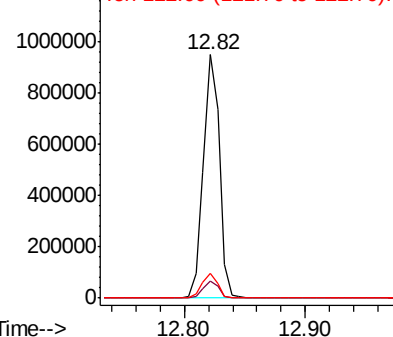


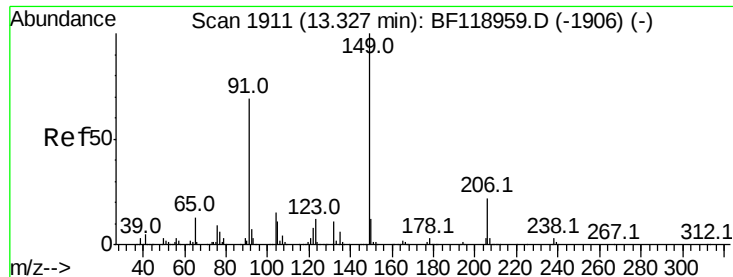
#79
Terphenyl-d14
Concen: 57.081 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Tgt Ion:244 Resp: 863206
Ion Ratio Lower Upper
244 100
212 7.2 6.6 10.0
122 10.3 8.2 12.2



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

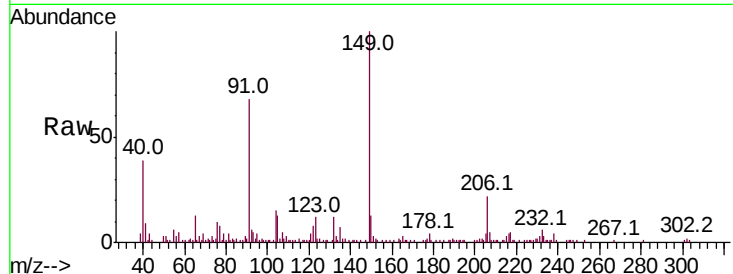




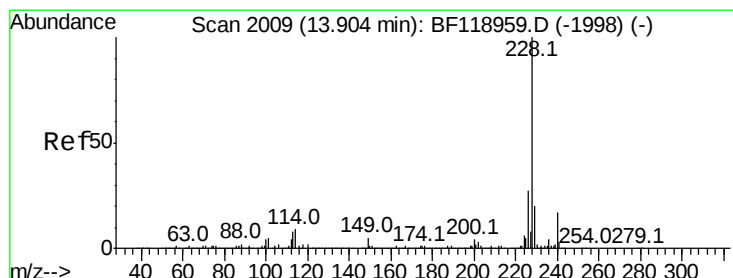
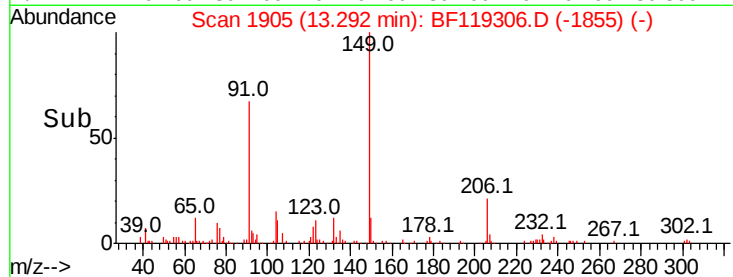
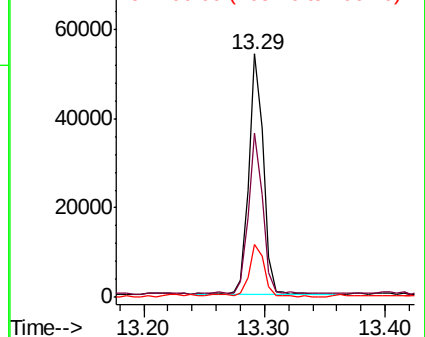
#80
 Butylbenzylphthalate
 Concen: 5.201 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF119306.D
 Acq: 10 Mar 2020 2:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.6	52.3	78.5
206	21.7	18.5	27.7

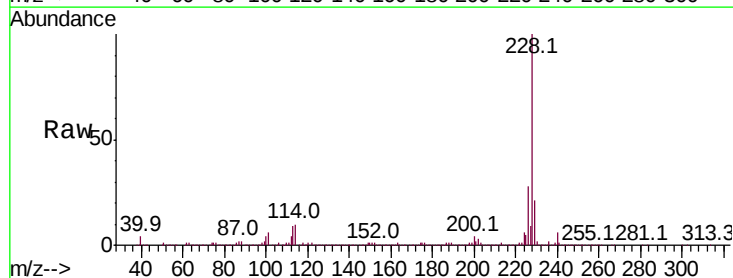


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

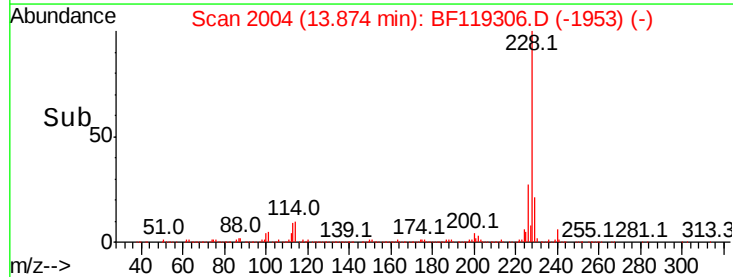
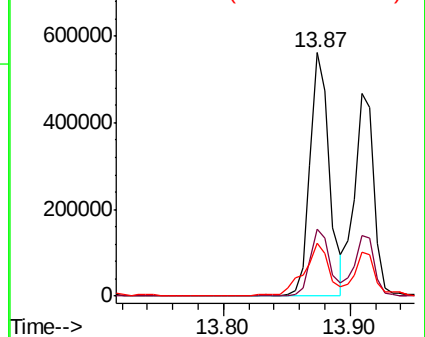


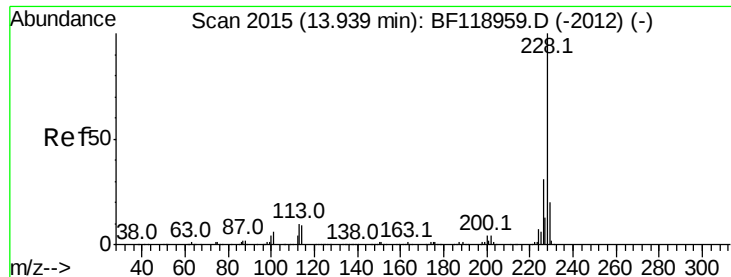
#81
 Benzo(a)anthracene
 Concen: 33.360 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF119306.D
 Acq: 10 Mar 2020 2:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	21.5	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

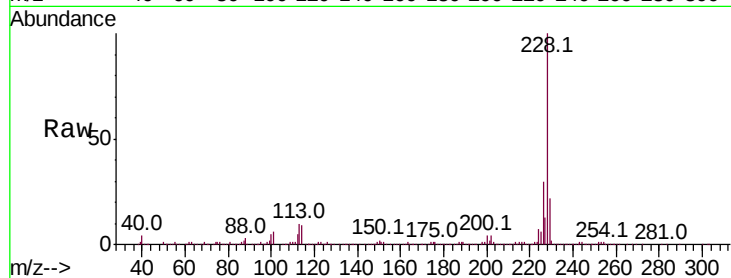




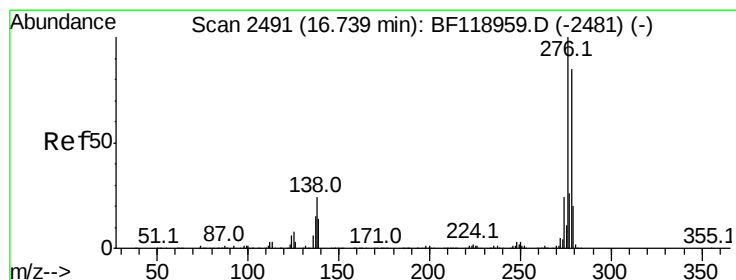
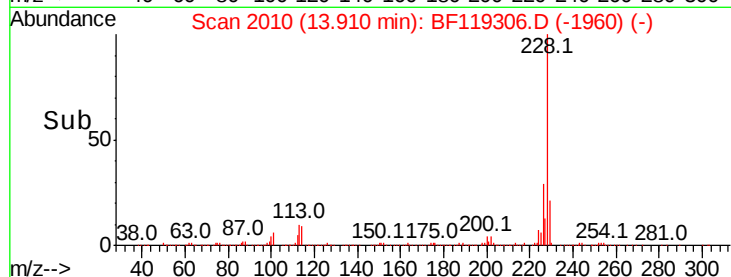
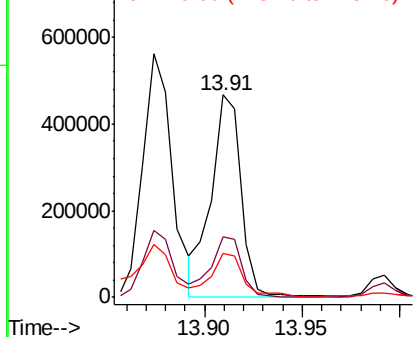
#83
Chrysene
Concen: 27.979 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 494570
Ion Ratio Lower Upper
228 100
226 29.7 25.1 37.7
229 21.7 16.3 24.5

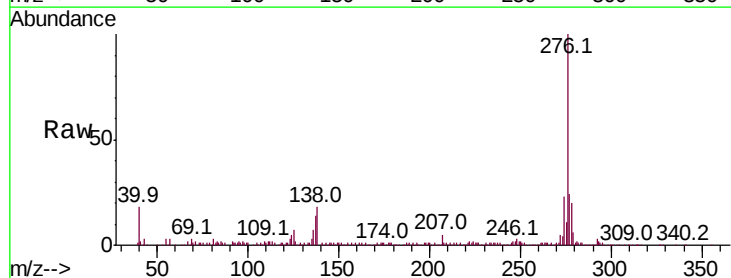


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

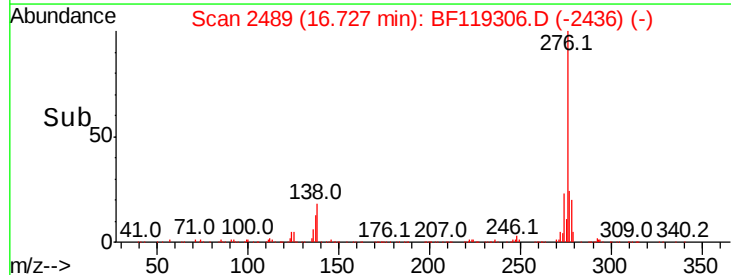
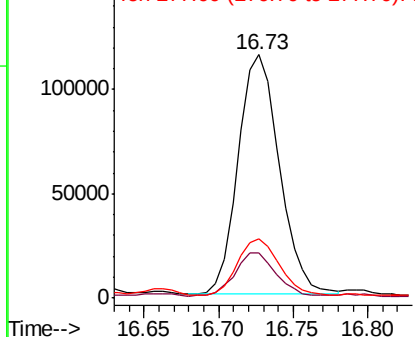


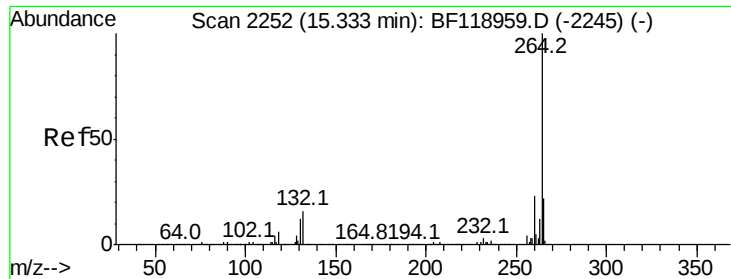
#86
Indeno(1,2,3-cd)pyrene
Concen: 12.920 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Tgt Ion:276 Resp: 221140
Ion Ratio Lower Upper
276 100
138 18.4 17.4 26.0
277 24.1 20.3 30.5



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

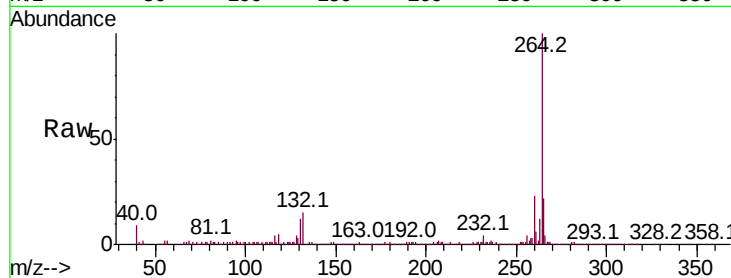




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	22.1	17.7	26.5

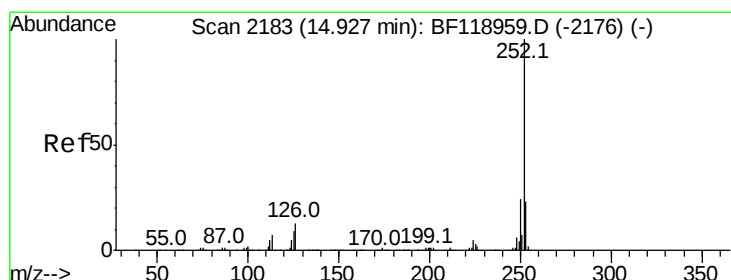
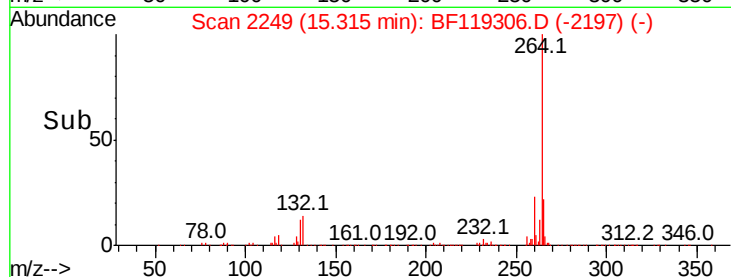
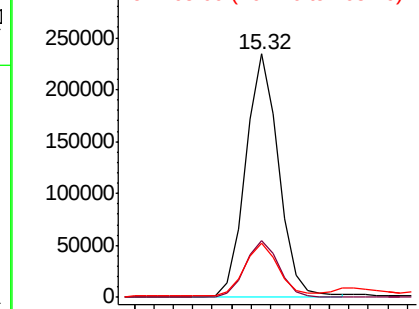


Abundance

Ion 264.00 (263.70 to 264.70): E

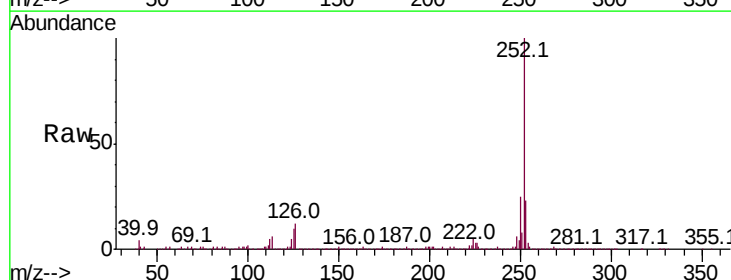
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 48.593 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	9.5	7.4	11.0

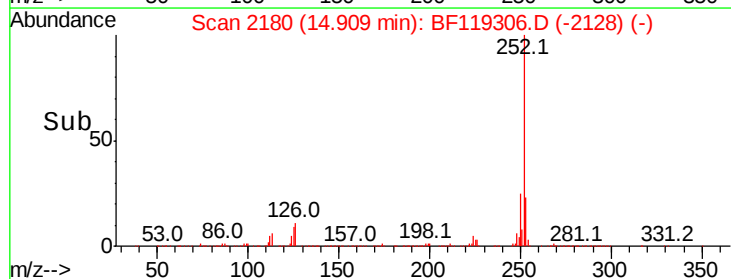
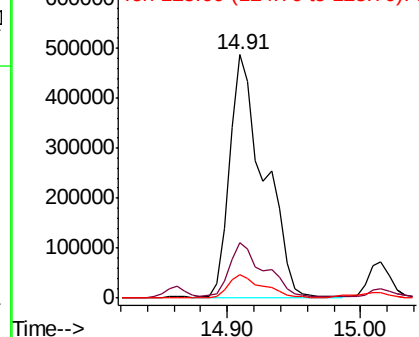


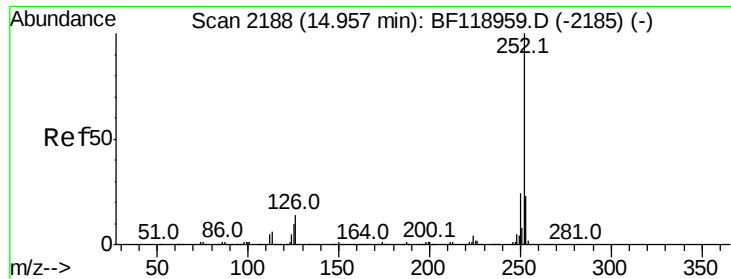
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

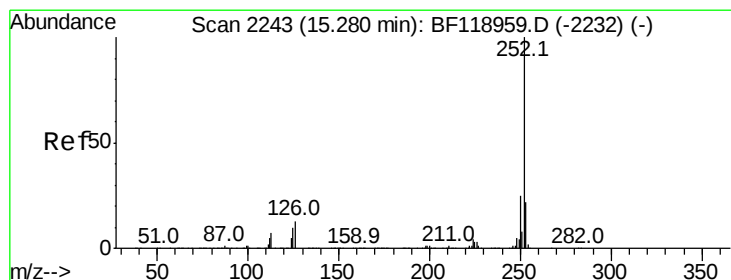
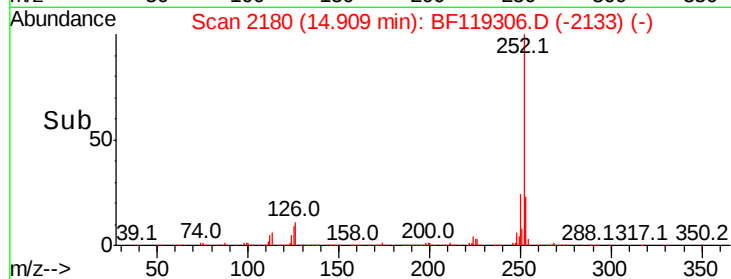
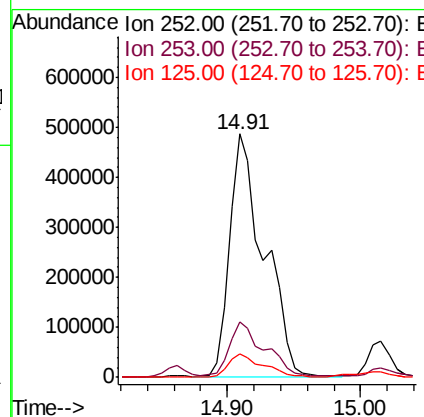
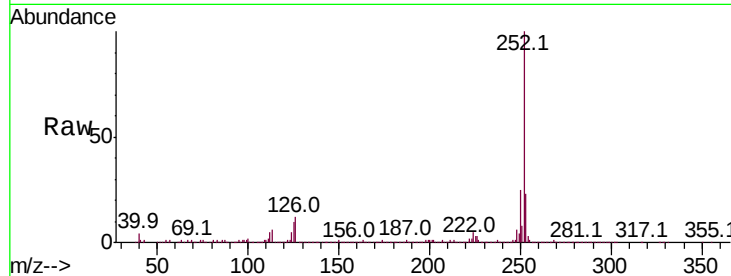




#89
Benzo(k)fluoranthene
Concen: 52.435 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

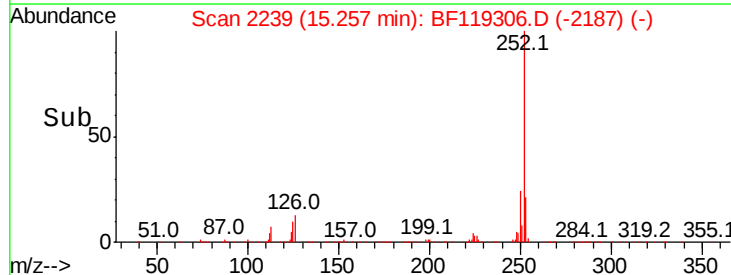
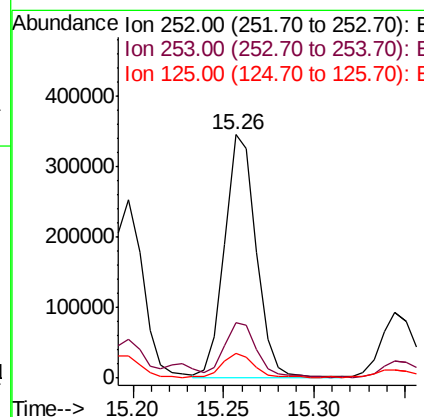
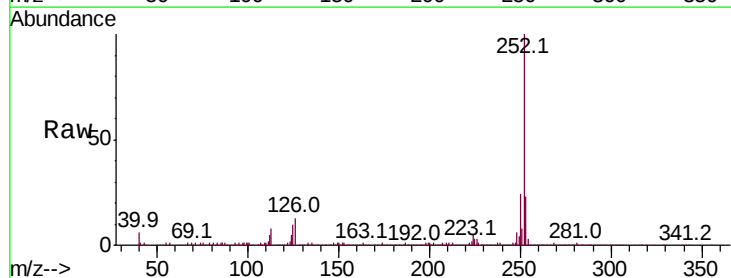
Instrument :
BNA_F
ClientSampleId :

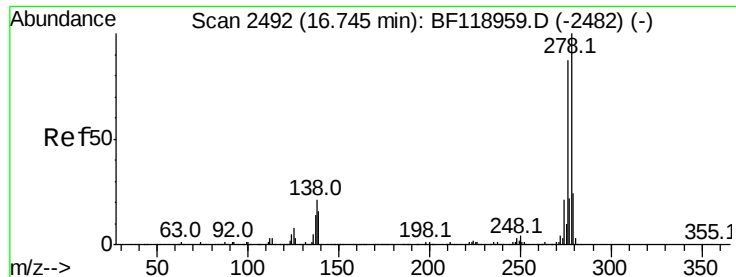
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.5	7.5	11.3



#90
Benzo(a)pyrene
Concen: 25.756 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119306.D
Acq: 10 Mar 2020 2:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.3	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 4.228 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

Instrument :

BNA_F

ClientSampleId :

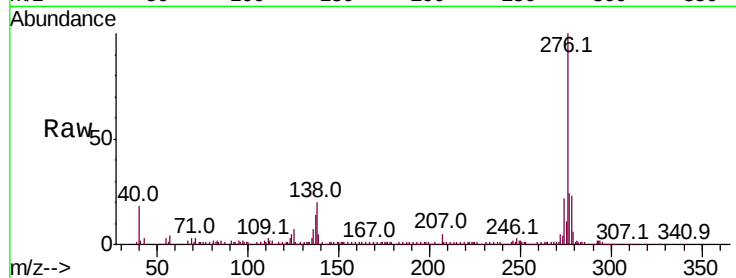
Tot Ion:278 Resp: 60025

Ion Ratio Lower Upper

278 100

139 21.0 11.0 16.4#

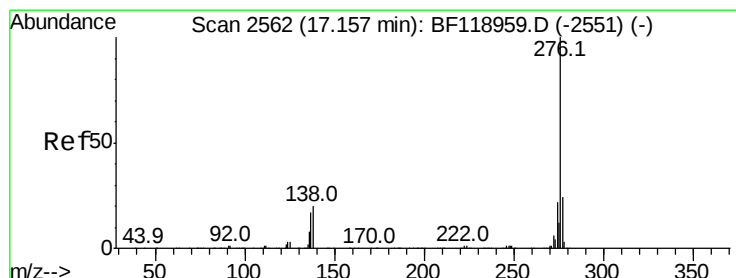
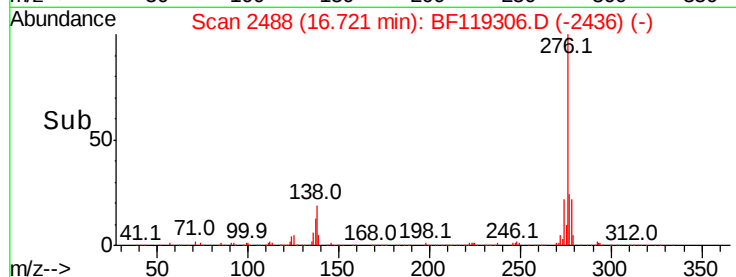
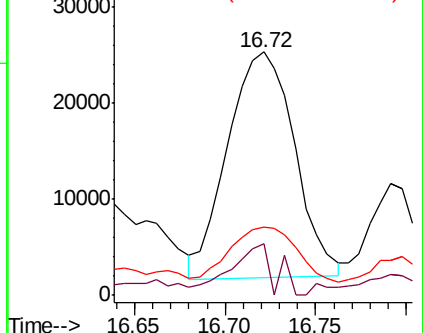
279 27.8 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 14.287 ng

RT: 17.15 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF119306.D

Acq: 10 Mar 2020 2:22

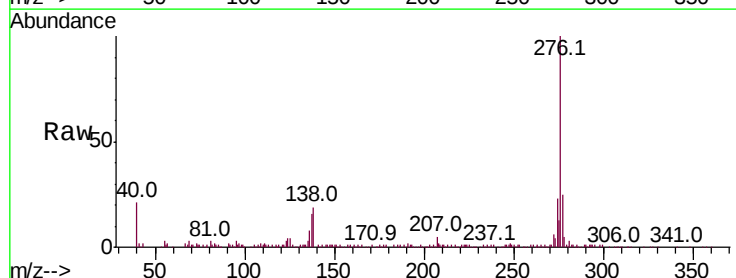
Tgt Ion:276 Resp: 200406

Ion Ratio Lower Upper

276 100

277 24.9 18.7 28.1

138 18.6 14.3 21.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

