

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118105.D
 Acq On : 5 Dec 2019 00:02
 Operator : JU
 Sample : K6024-05DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 03:17:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166876	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	748374	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	394207	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	716421	20.00	ng	0.00
76) Chrysene-d12	14.08	240	447431	20.00	ng	0.00
87) Perylene-d12	15.57	264	500202	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	514942	54.62	ng	0.00
7) Phenol-d6	6.50	99	663704	58.37	ng	0.00
23) Nitrobenzene-d5	7.43	82	397486	31.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	191659	45.92	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	652228	29.68	ng	0.00
79) Terphenyl-d14	13.01	244	698987	28.55	ng	0.00

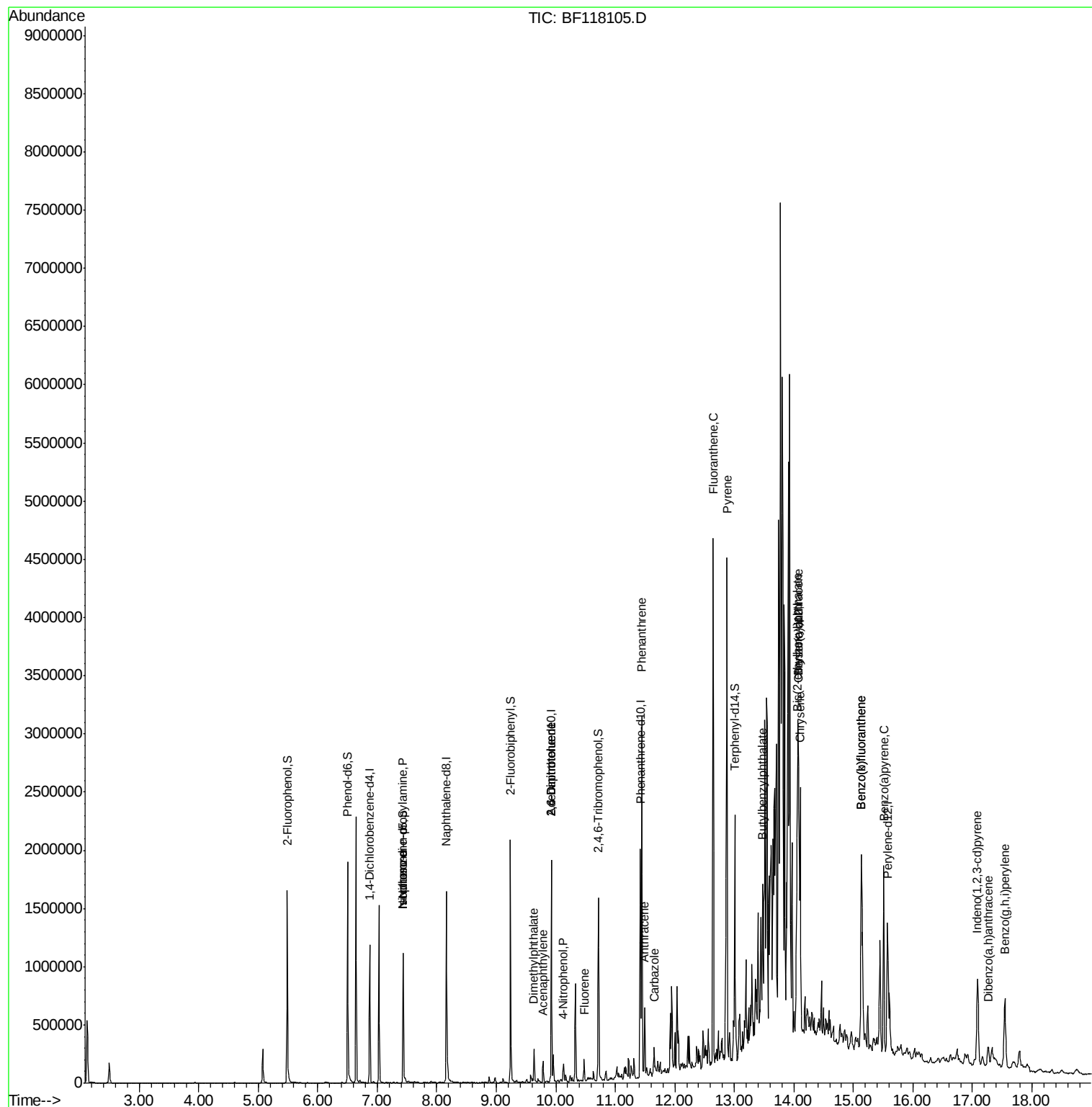
Target Compounds				Qvalue		
9) Benzaldehyde	6.50	77	965	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	53534	7.631 ng	#	73
25) Isophorone	7.43	82	397482	17.226 ng	#	63
49) Acenaphthylene	9.79	152	74261	2.117 ng		98
50) Dimethylphthalate	9.63	163	128038	4.632 ng		99
51) 2,6-Dinitrotoluene	9.93	165	50987	8.439 ng	#	25
56) 4-Nitrophenol	10.13	139	17816	3.302 ng	#	11
57) 2,4-Dinitrotoluene	9.93	165	50987	6.634 ng	#	32
58) Fluorene	10.47	166	51814	2.149 ng		99
71) Phenanthrene	11.45	178	1088860	30.230 ng		100
72) Anthracene	11.50	178	241729	6.769 ng		98
73) Carbazole	11.65	167	87147	2.793 ng		99
75) Fluoranthene	12.65	202	1824957	57.775 ng		99
78) Pyrene	12.87	202	1785750	49.386 ng		99
80) Butylbenzylphthalate	13.47	149	293470	18.896 ng	#	28
81) Benzo(a)anthracene	14.07	228	971497	32.858 ng		99
83) Chrysene	14.11	228	839424	29.299 ng		98
84) Bis(2-ethylhexyl)phthalate	14.06	149	1107587	58.825 ng	#	61
86) Indeno(1,2,3-cd)pyrene	17.09	276	497788	20.414 ng		97
88) Benzo(b)fluoranthene	15.13	252	1380532	42.480 ng		98
89) Benzo(k)fluoranthene	15.13	252	1380532	45.085 ng		98
90) Benzo(a)pyrene	15.51	252	757925	26.522 ng		97
91) Dibenzo(a,h)anthracene	17.26	278	108660	4.418 ng		99
92) Benzo(g,h,i)perylene	17.54	276	455340	18.586 ng		99

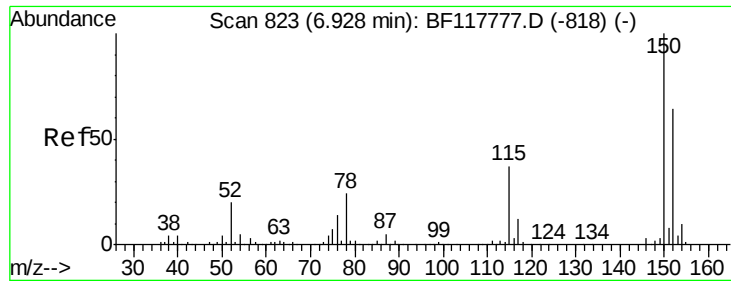
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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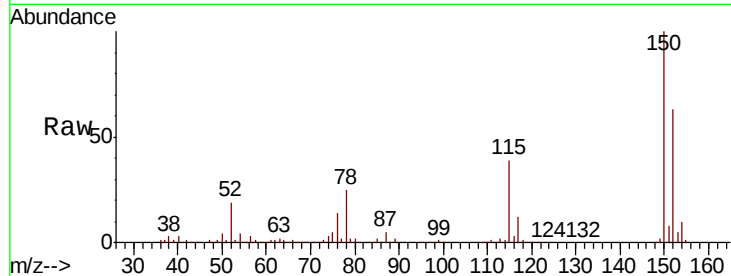


#1

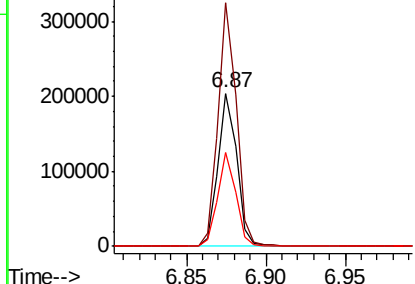
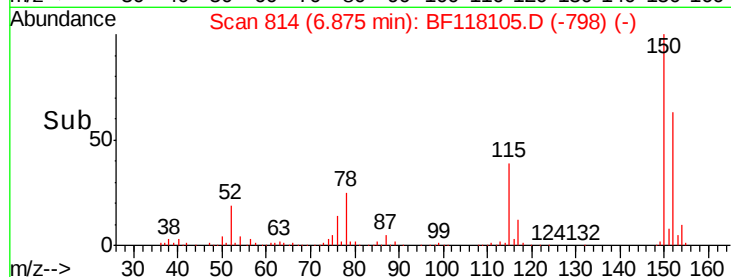
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118105.D
Acq: 5 Dec 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166876
Ion Ratio Lower Upper
152 100
150 159.3 121.4 182.2
115 61.7 48.8 73.2



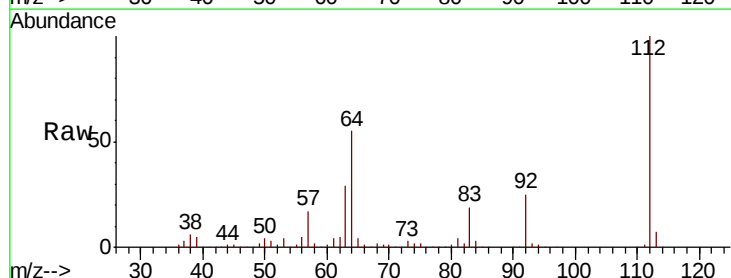
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



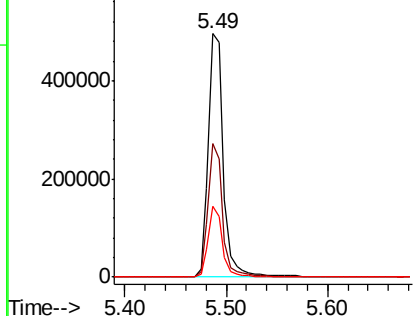
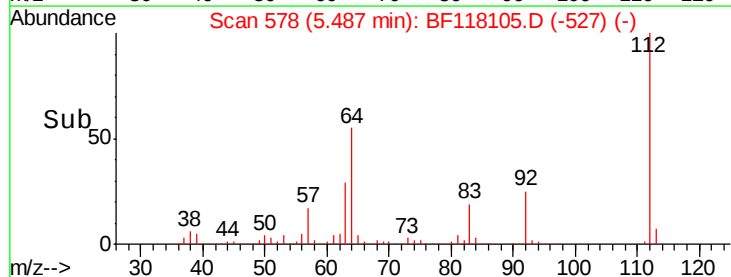
#5

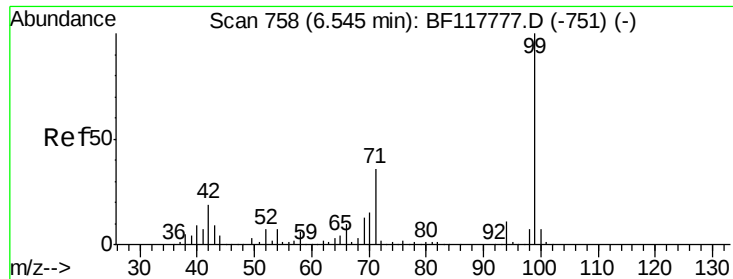
2-Fluorophenol
Concen: 54.622 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF118105.D
Acq: 5 Dec 2019 00:02

Tgt Ion:112 Resp: 514942
Ion Ratio Lower Upper
112 100
64 55.0 45.1 67.7
63 29.0 24.6 37.0



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: 58.368 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampled :

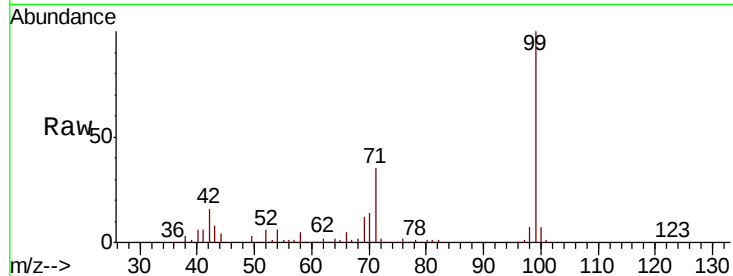
Tot Ion: 99 Resp: 663704

Ion Ratio Lower Upper

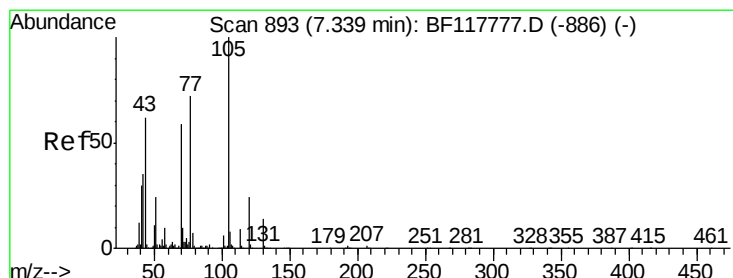
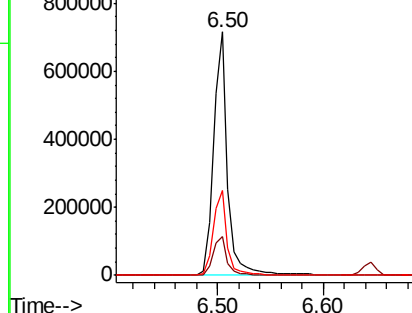
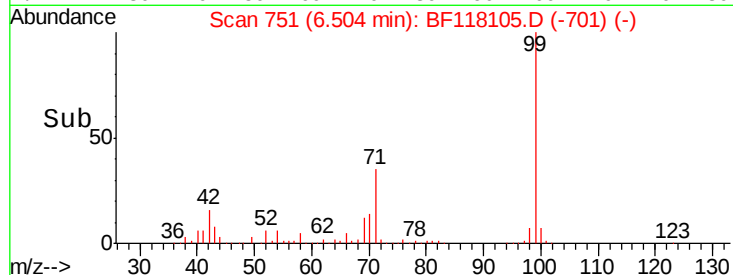
99 100

42 15.9 14.0 21.0

71 34.7 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 7.631 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Tgt Ion: 70 Resp: 53534

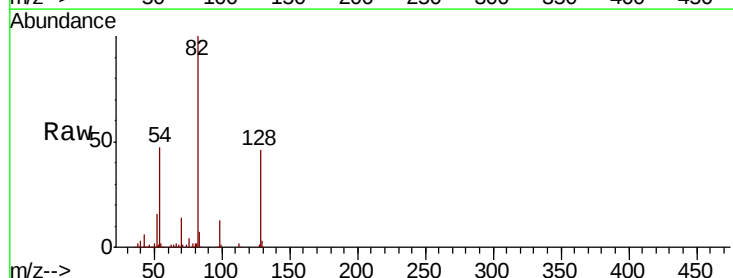
Ion Ratio Lower Upper

70 100

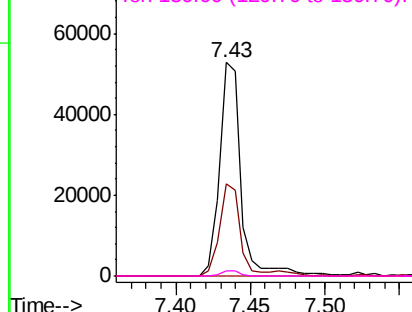
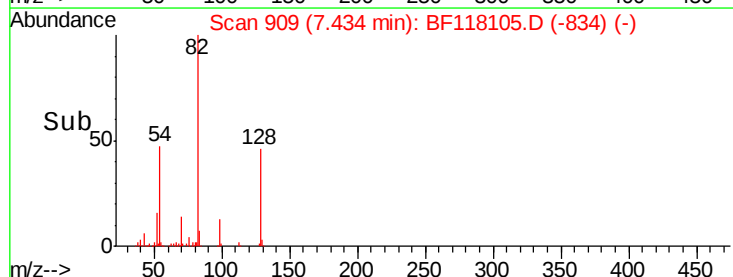
42 43.1 46.0 69.0#

101 0.0 8.8 13.2#

130 2.2 19.8 29.6#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

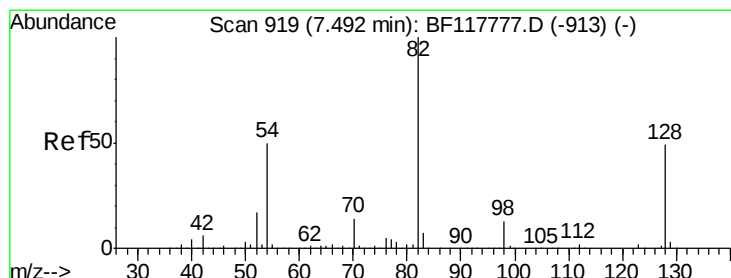
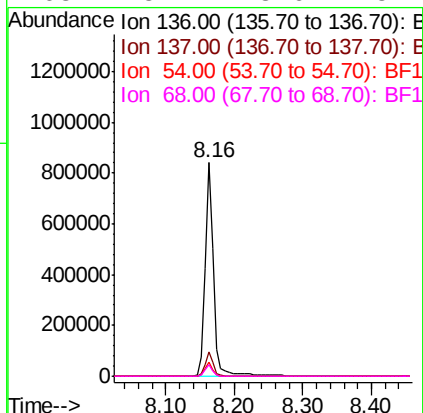
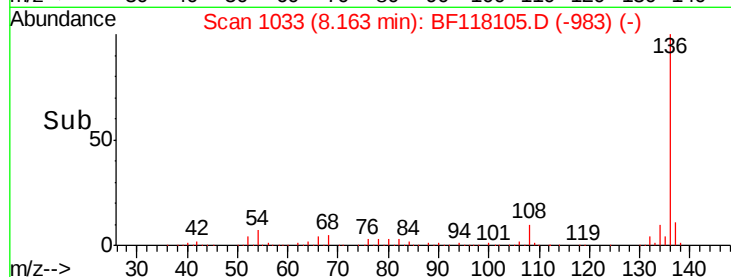
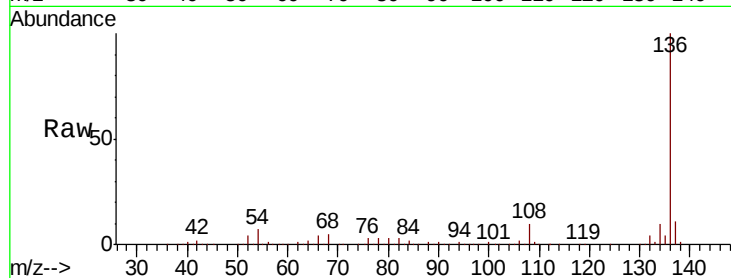




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118105.D
Acq: 5 Dec 2019 00:02

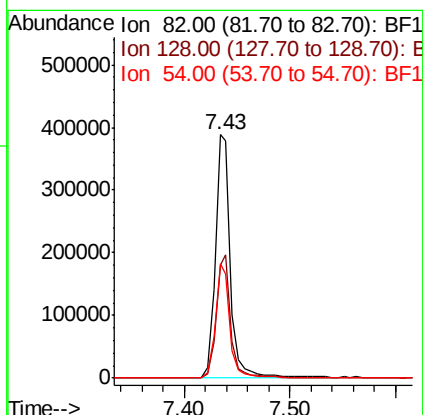
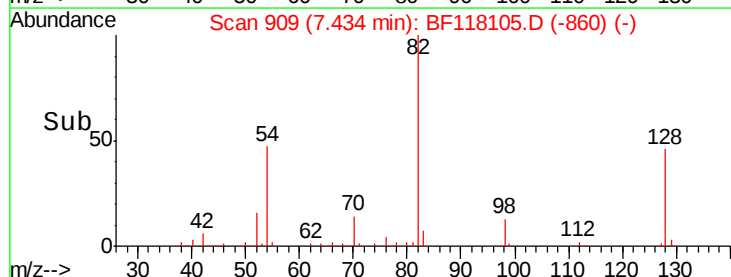
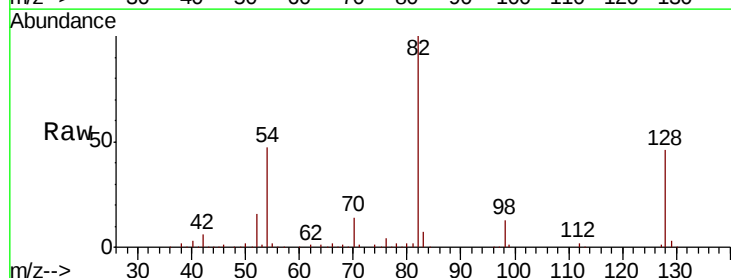
Instrument :
BNA_F
ClientSampleId :

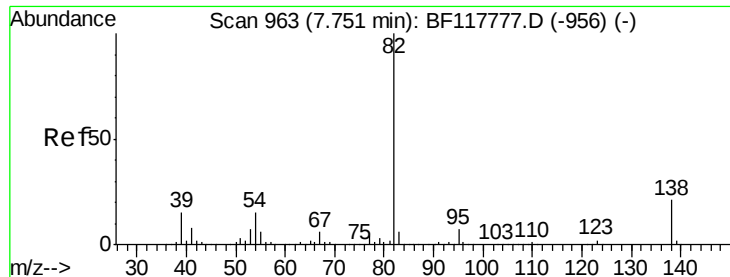
Tot Ion:136	Resp:	748374
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.1 13.7
54	6.6	4.9 7.3
68	5.2	3.6 5.4



#23
Nitrobenzene-d5
Concen: 31.574 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118105.D
Acq: 5 Dec 2019 00:02

Tgt Ion: 82	Resp:	397486
Ion	Ratio	Lower Upper
82	100	
128	46.3	38.2 57.4
54	46.9	39.0 58.4





#25

Isophorone

Concen: 17.226 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampled :

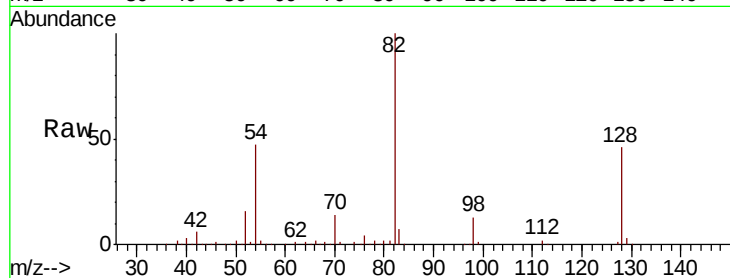
Tot Ion: 82 Resp: 397482

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

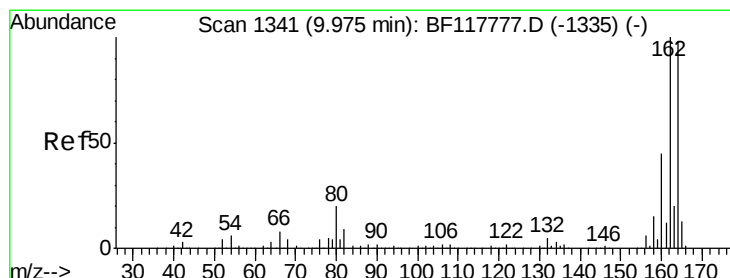
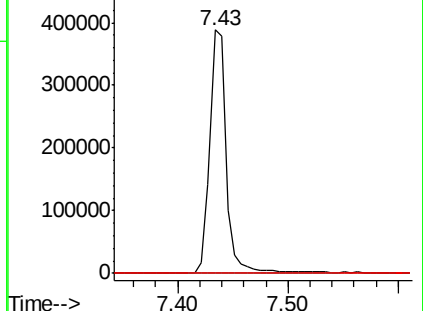
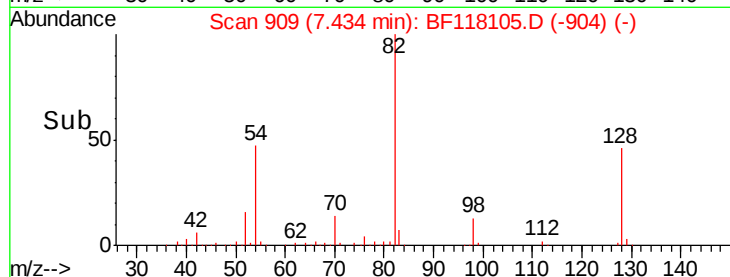
138 0.0 15.9 23.9#



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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

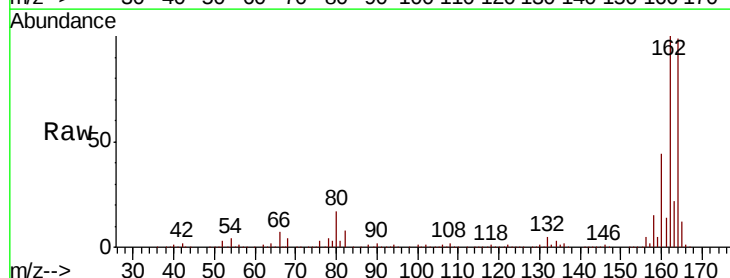
Tgt Ion:164 Resp: 394207

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.8

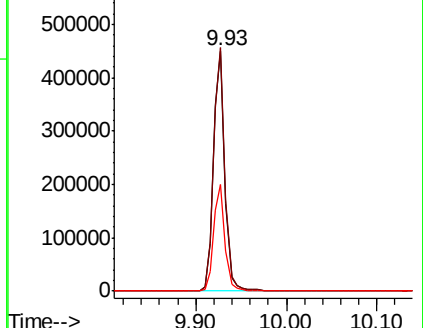
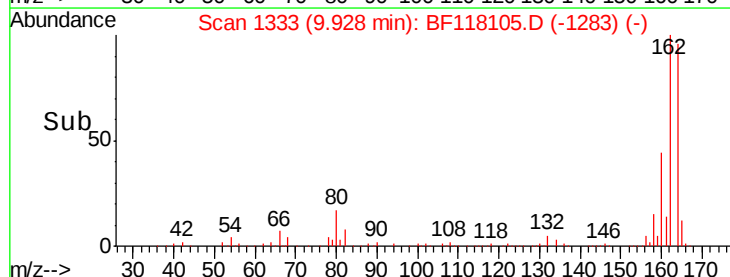
160 44.7 35.9 53.9



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: 45.924 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampled :

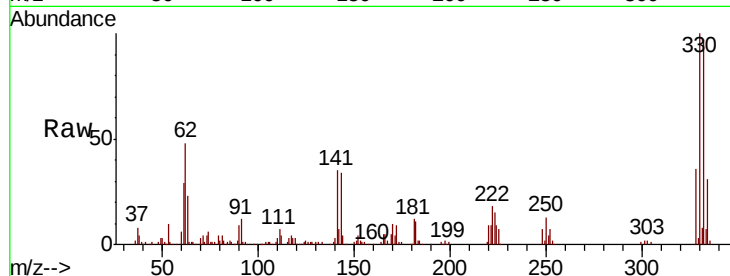
Tot Ion:330 Resp: 191659

Ion Ratio Lower Upper

330 100

332 98.8 78.3 117.5

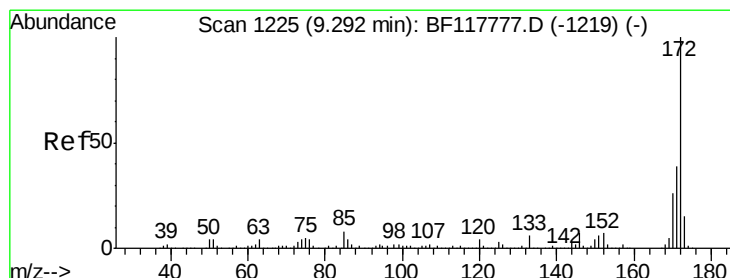
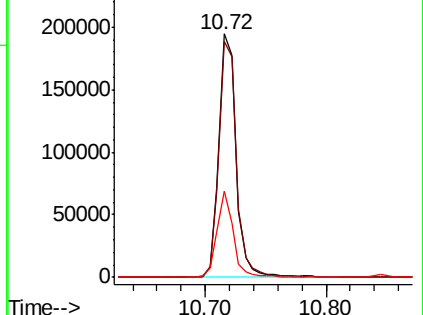
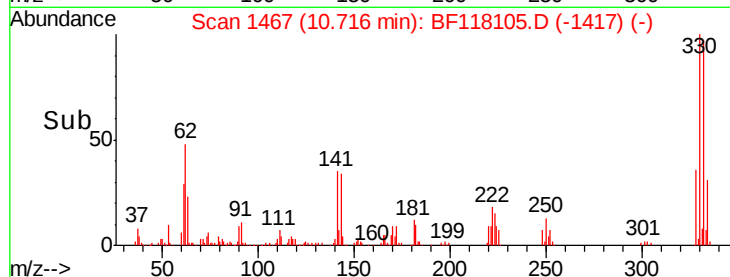
141 32.5 26.4 39.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 29.683 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

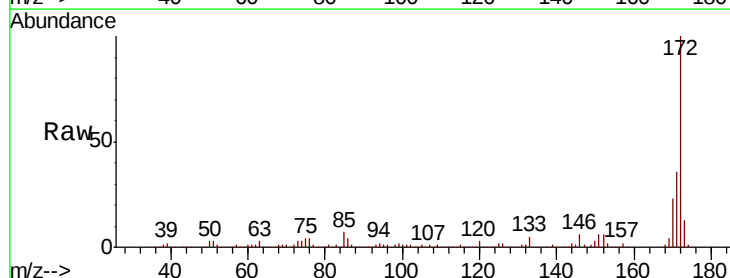
Tgt Ion:172 Resp: 652228

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

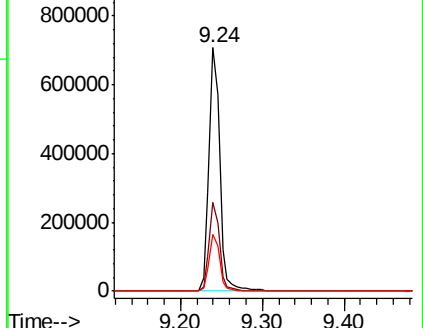
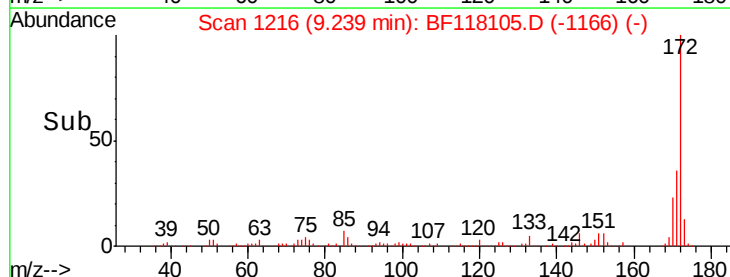
170 23.1 19.3 28.9

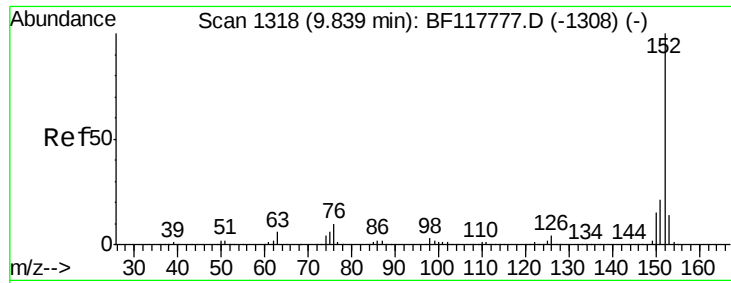


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 2.117 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampled :

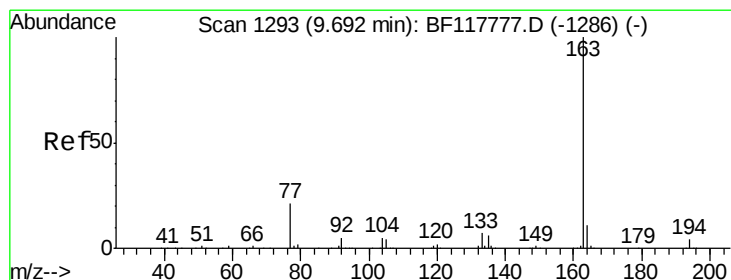
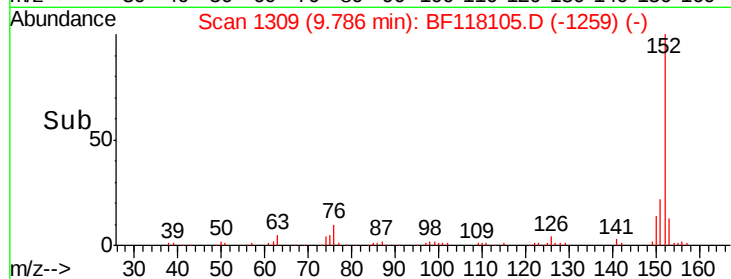
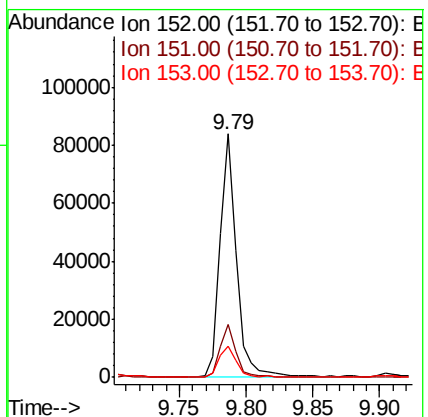
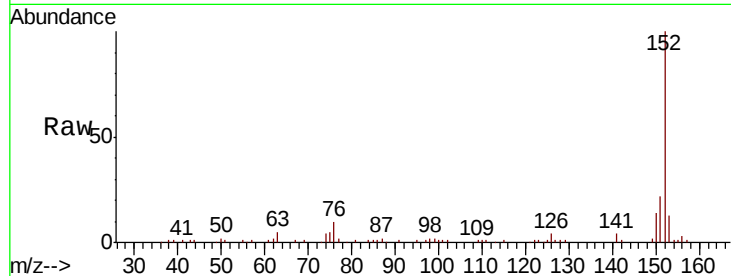
Tot Ion:152 Resp: 74261

Ion Ratio Lower Upper

152 100

151 21.8 16.7 25.1

153 12.9 11.1 16.7



#50

Dimethylphthalate

Concen: 4.632 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

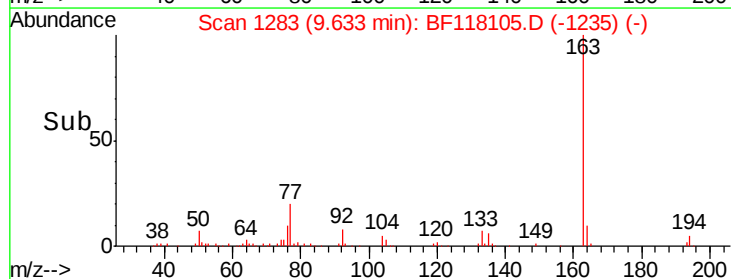
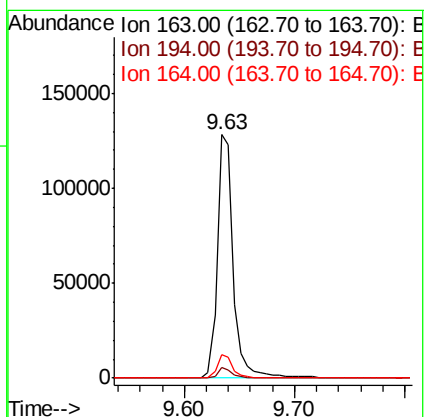
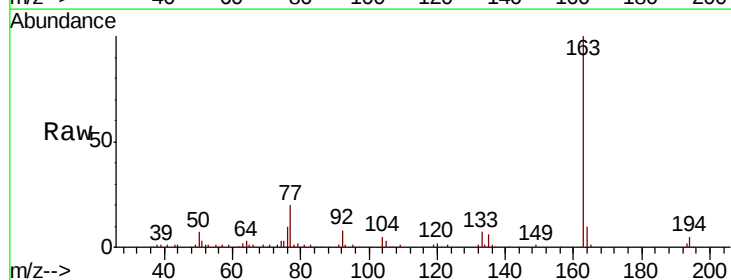
Tgt Ion:163 Resp: 128038

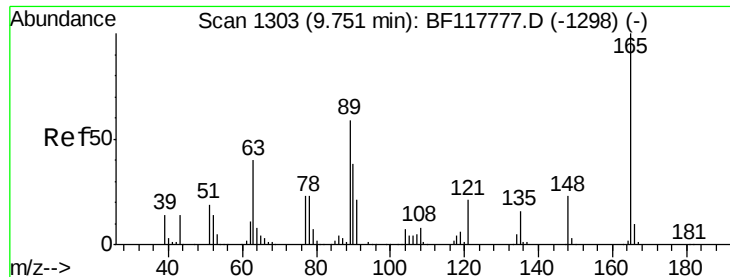
Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

164 9.9 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 8.439 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampleId :

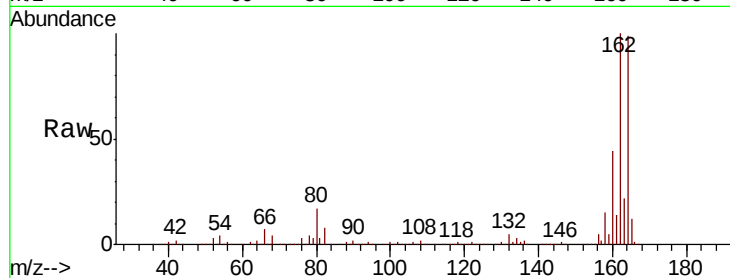
Tot Ion:165 Resp: 50987

Ion Ratio Lower Upper

165 100

63 1.1 43.9 65.9#

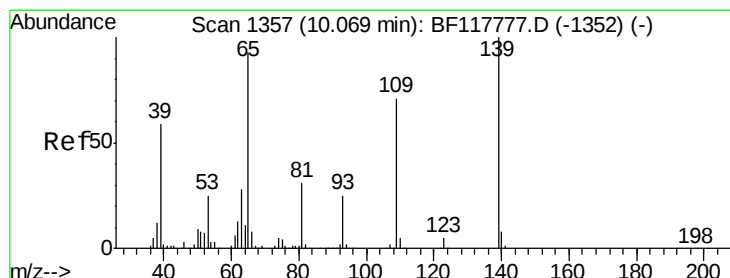
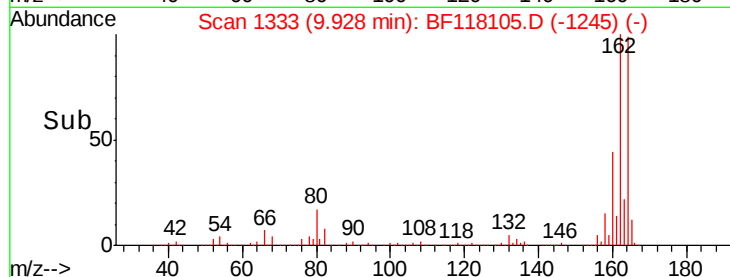
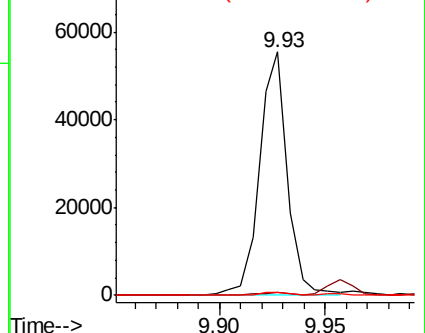
89 1.5 45.5 68.3#



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



#56

4-Nitrophenol

Concen: 3.302 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.09 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

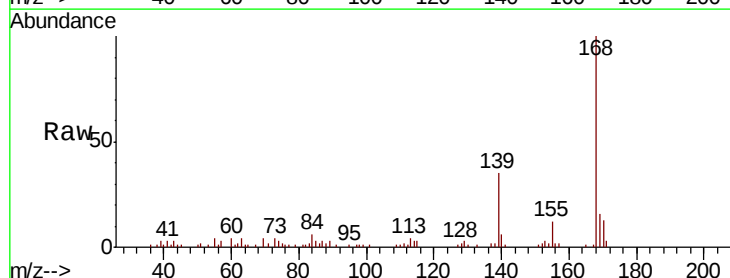
Tgt Ion:139 Resp: 17816

Ion Ratio Lower Upper

139 100

109 3.5 55.2 95.2#

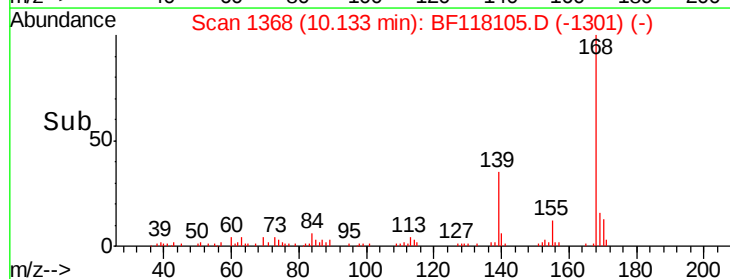
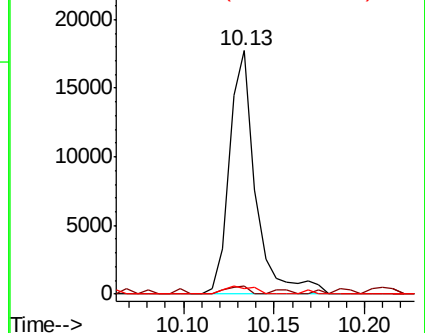
65 2.1 68.7 108.7#

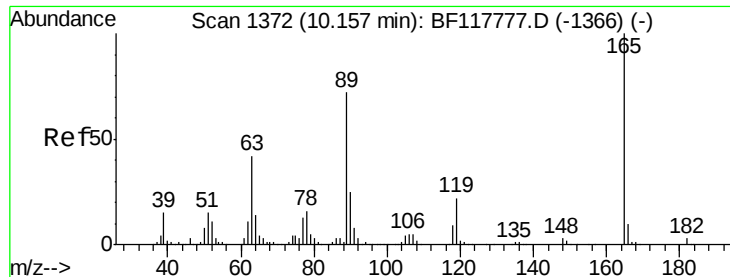


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.634 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.19 min

Lab File: BF118105.D

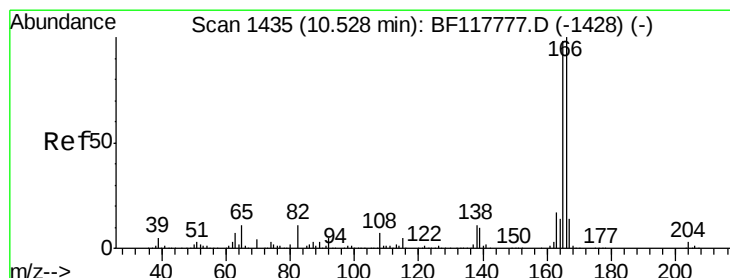
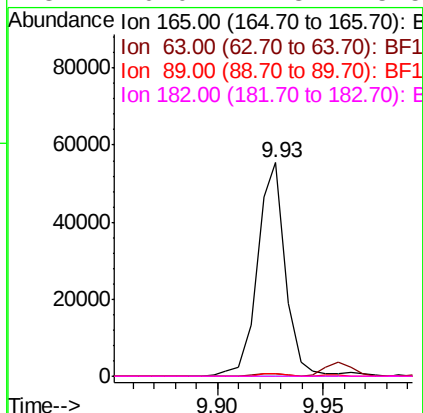
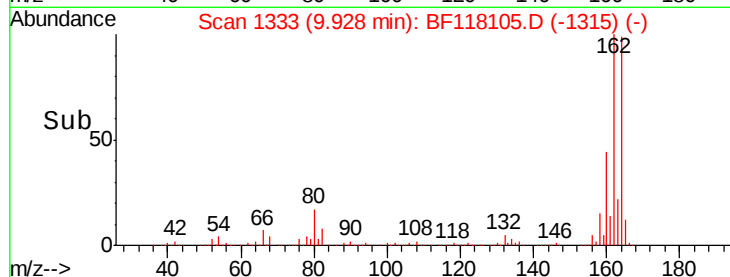
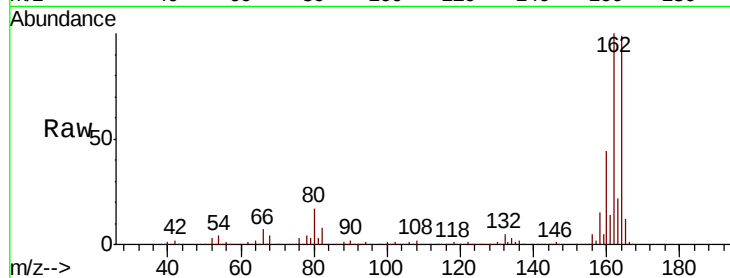
Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	50987
Ion Ratio	Lower	Upper
165	100	
63	1.1	26.5 39.7#
89	1.5	47.2 70.8#
182	0.0	2.3 3.5#



#58

Fluorene

Concen: 2.149 ng

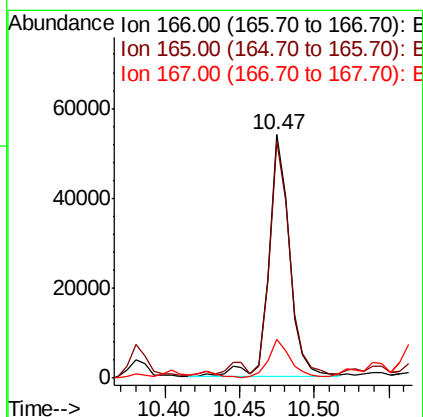
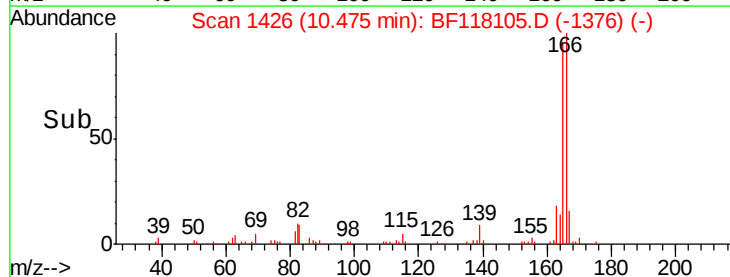
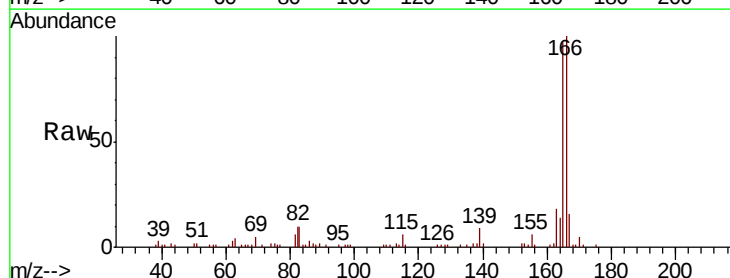
RT: 10.47 min Scan# 1426

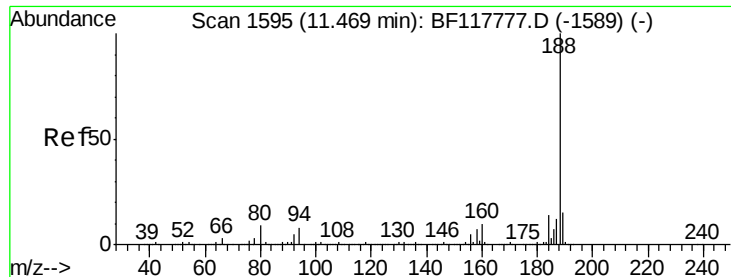
Delta R.T. -0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Tgt Ion:166	Resp:	51814
Ion Ratio	Lower	Upper
166	100	
165	97.2	77.4 116.2
167	15.9	10.7 16.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampled :

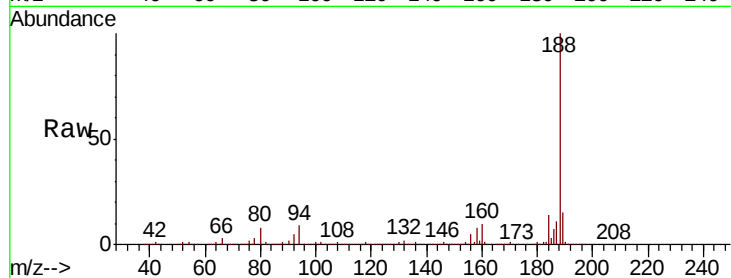
Tot Ion:188 Resp: 716421

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

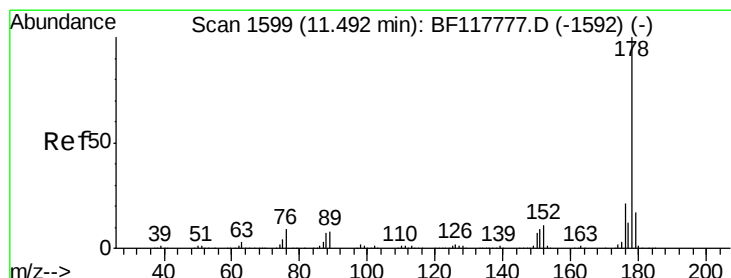
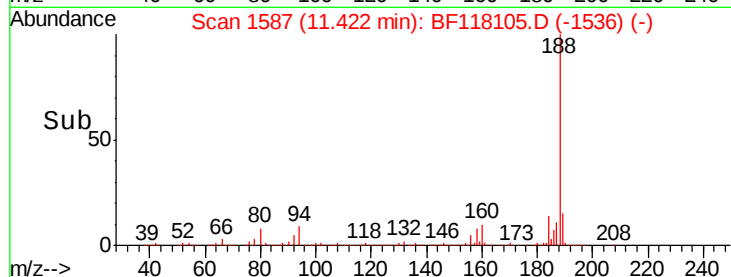
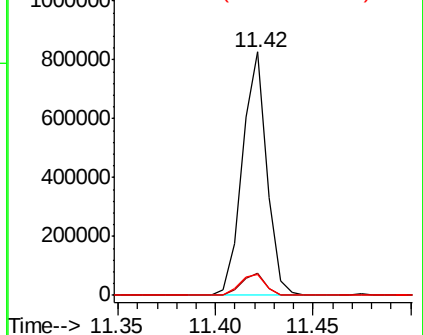
80 8.5 7.2 10.8



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



#71

Phenanthrene

Concen: 30.230 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

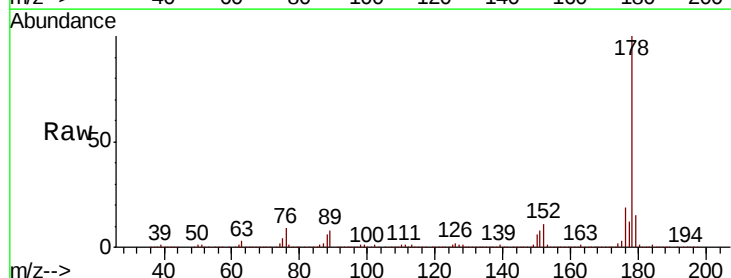
Tgt Ion:178 Resp: 1088860

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

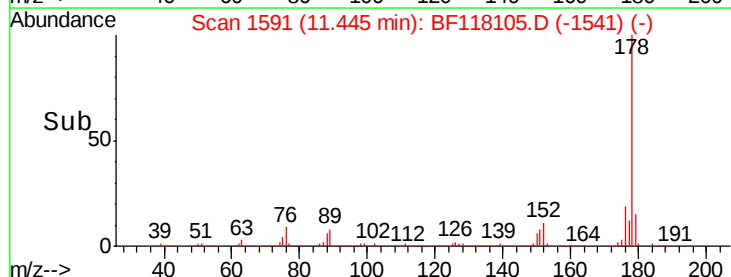
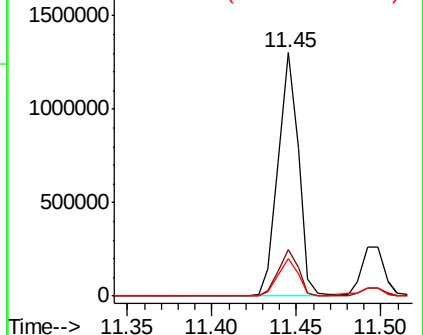
179 15.4 12.3 18.5

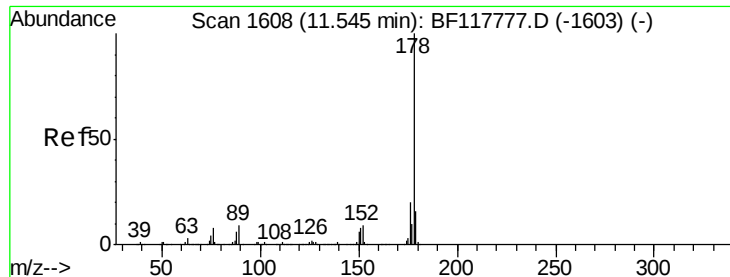


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 6.769 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampleId :

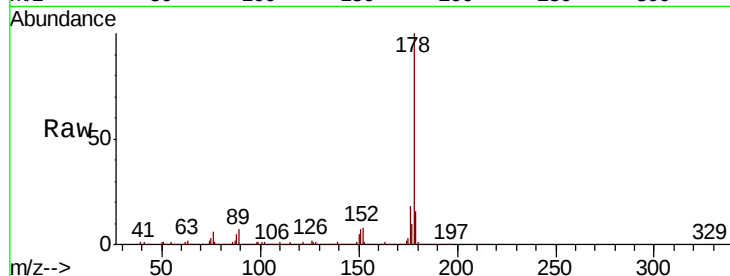
Tot Ion:178 Resp: 241729

Ion Ratio Lower Upper

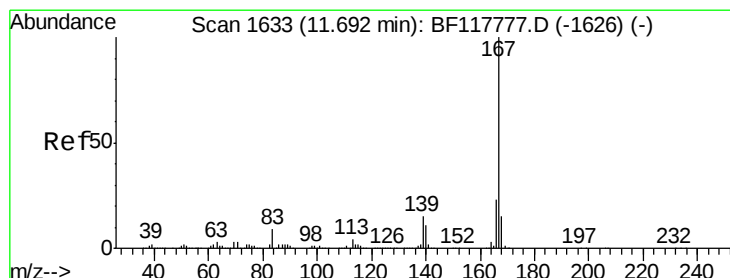
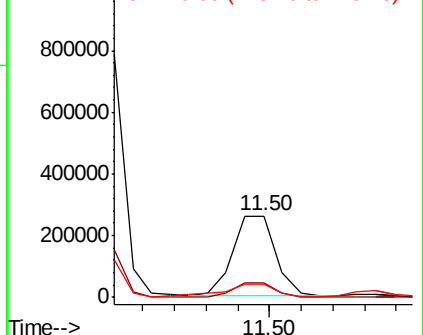
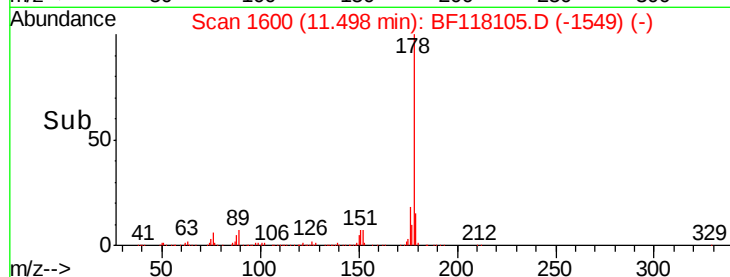
178 100

176 17.7 15.0 22.6

179 15.7 12.8 19.2



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



#73

Carbazole

Concen: 2.793 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

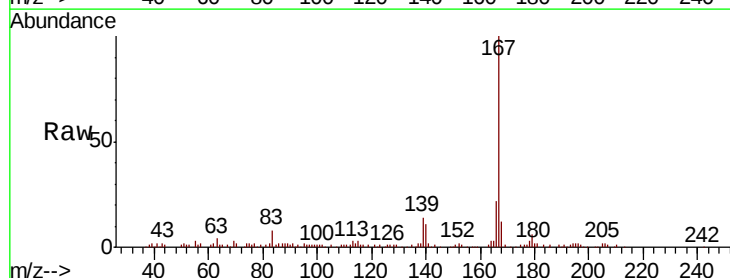
Tgt Ion:167 Resp: 87147

Ion Ratio Lower Upper

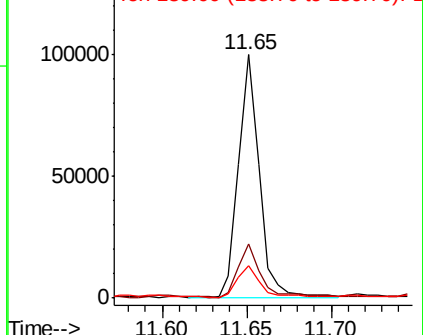
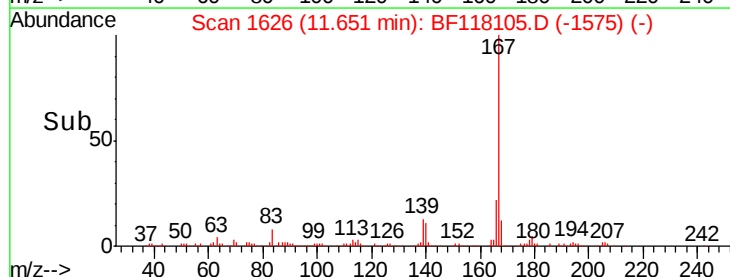
167 100

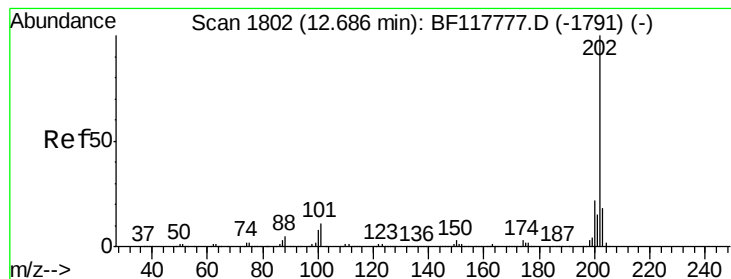
166 22.4 17.6 26.4

139 13.6 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 57.775 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

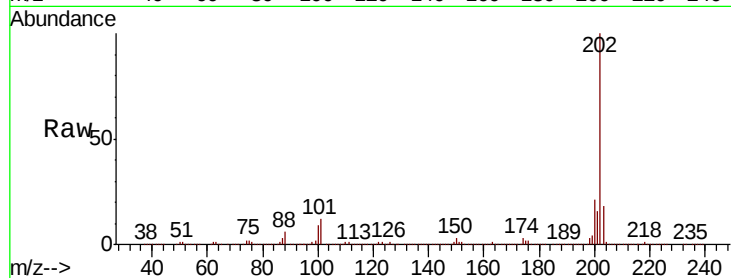
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 1824957

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.5
203	18.0	0.0	37.6

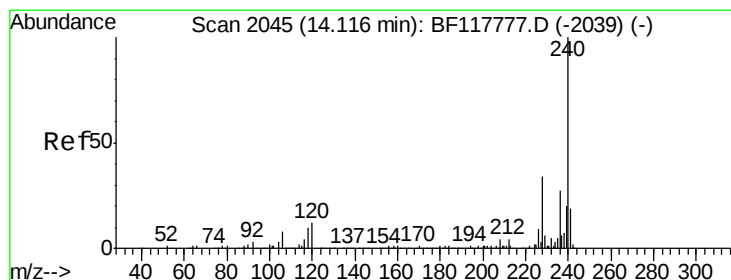
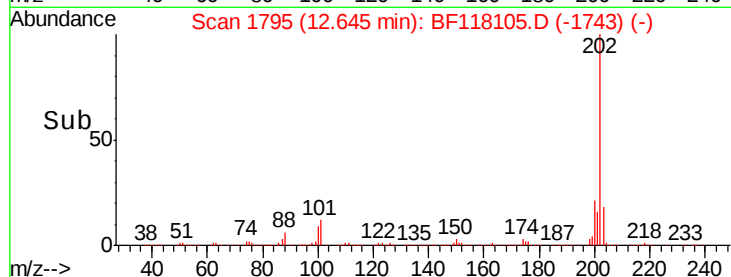
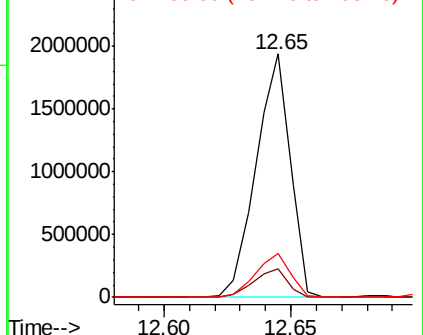


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

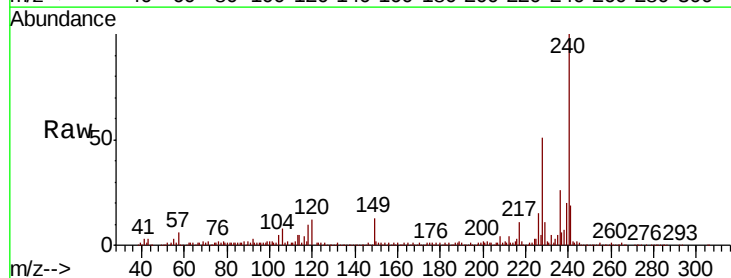
Delta R.T. 0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Tgt Ion:240 Resp: 447431

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.4	12.6
236	26.0	20.6	31.0

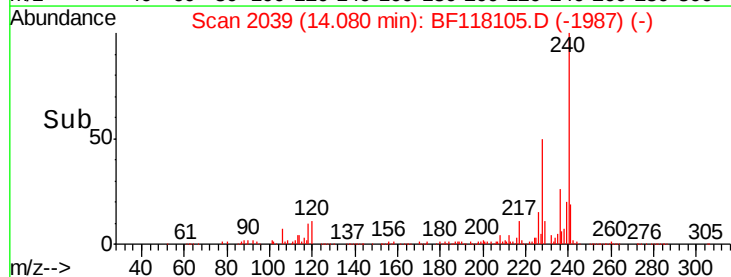
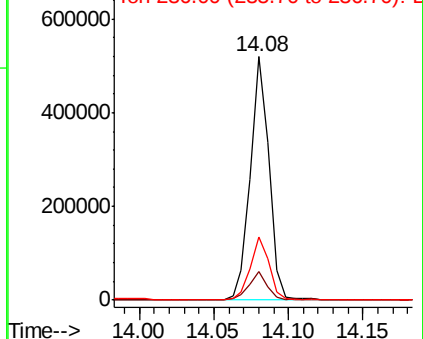


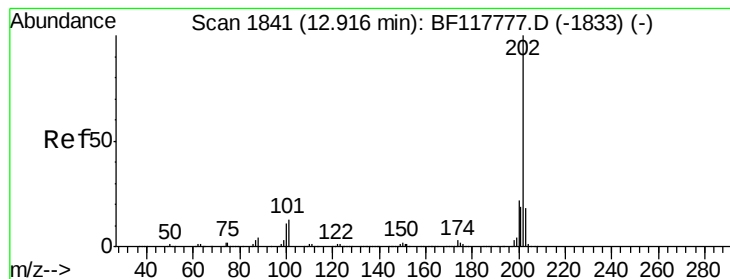
Abundance

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: 49.386 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampleId :

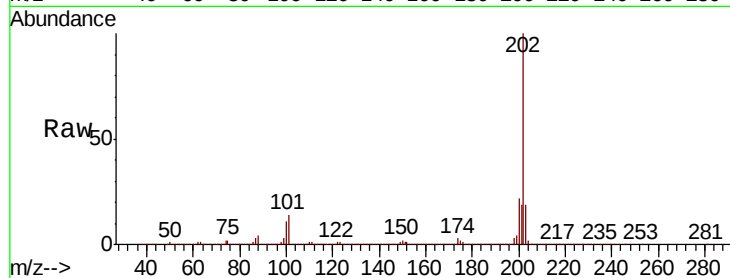
Tot Ion:202 Resp: 1785750

Ion Ratio Lower Upper

202 100

200 21.8 17.0 25.6

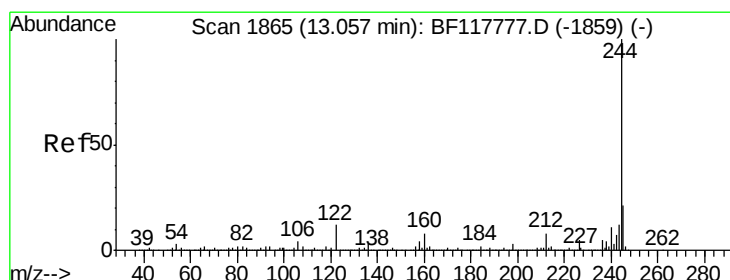
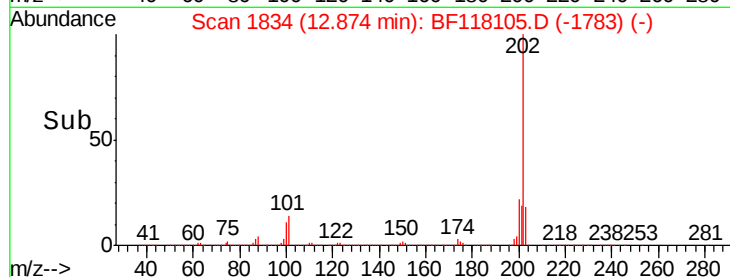
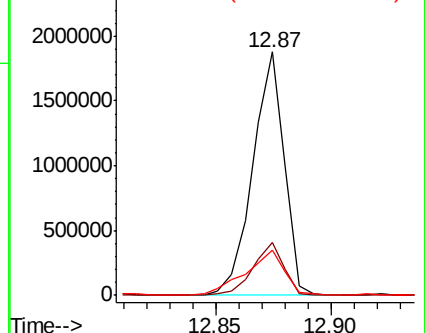
203 18.6 14.2 21.4



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: 28.551 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

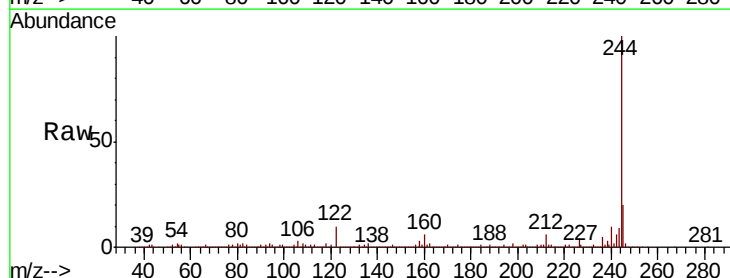
Tgt Ion:244 Resp: 698987

Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

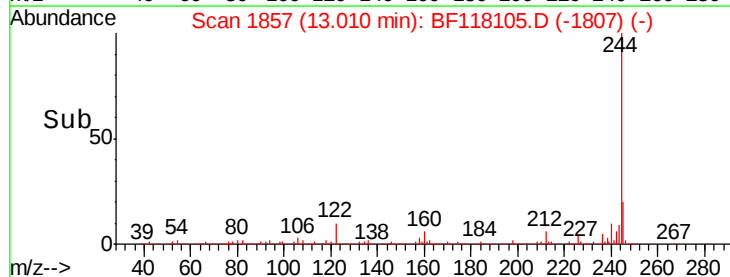
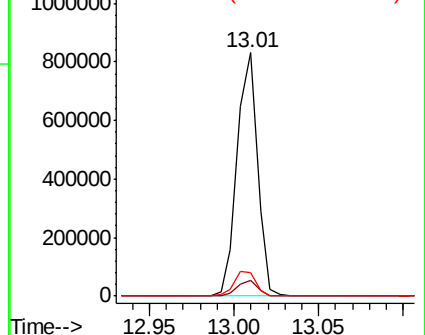
122 9.7 7.2 10.8

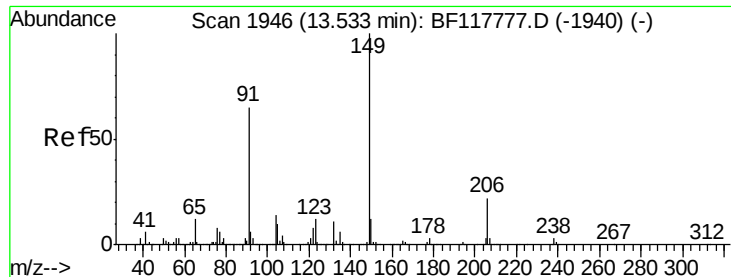


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 18.896 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampleId :

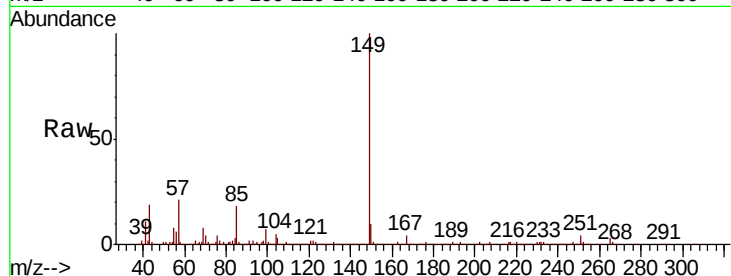
Tot Ion:149 Resp: 293470

Ion Ratio Lower Upper

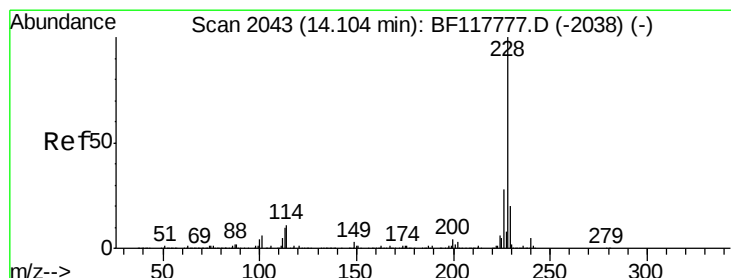
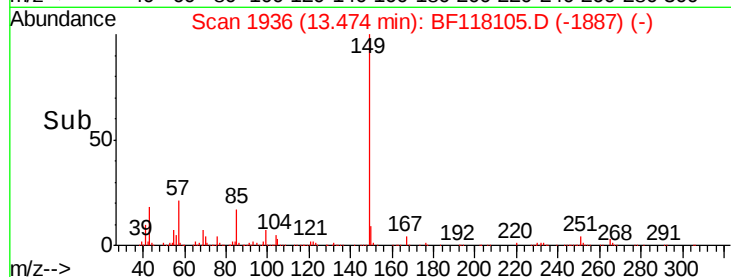
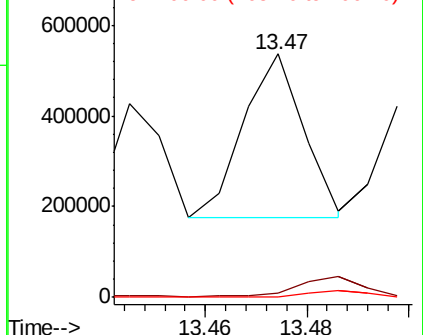
149 100

91 1.8 53.1 79.7#

206 0.4 15.8 23.6#



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: 32.858 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

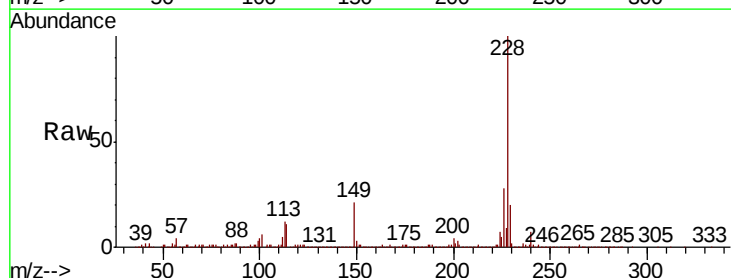
Tgt Ion:228 Resp: 971497

Ion Ratio Lower Upper

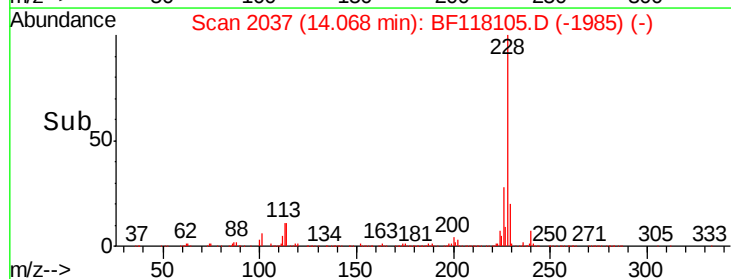
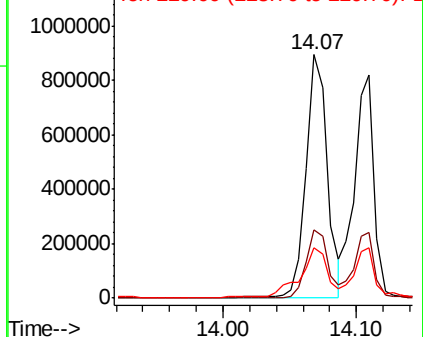
228 100

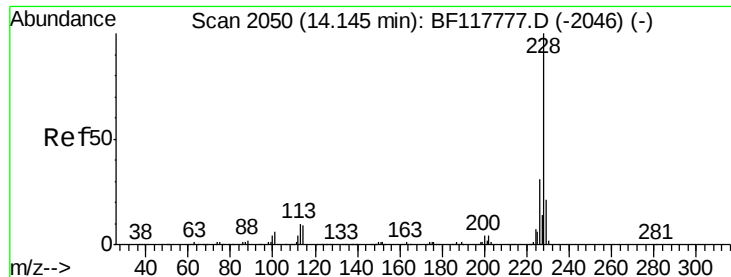
226 28.2 21.9 32.9

229 20.4 16.2 24.2



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

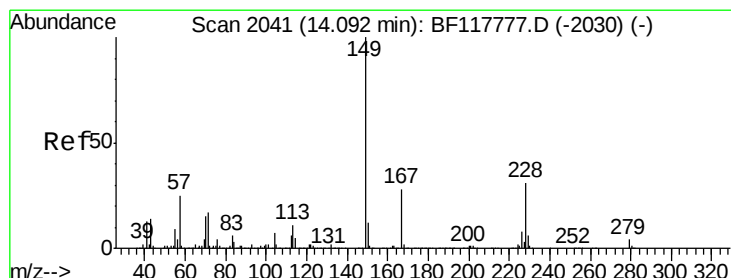
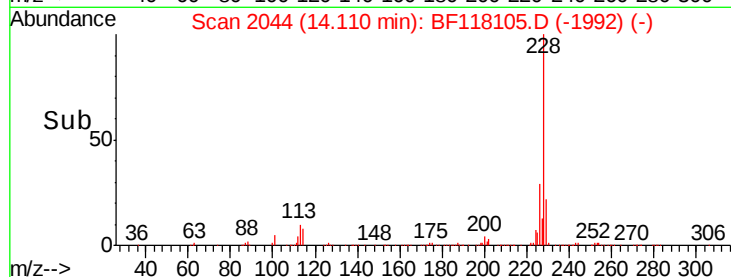
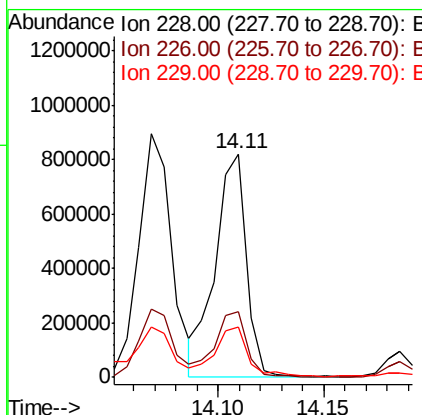
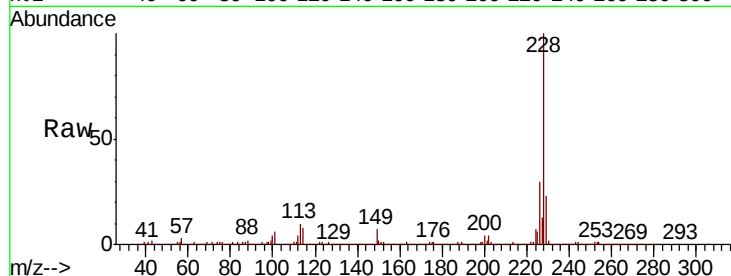




#83
Chrysene
Concen: 29.299 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF118105.D
Acq: 5 Dec 2019 00:02

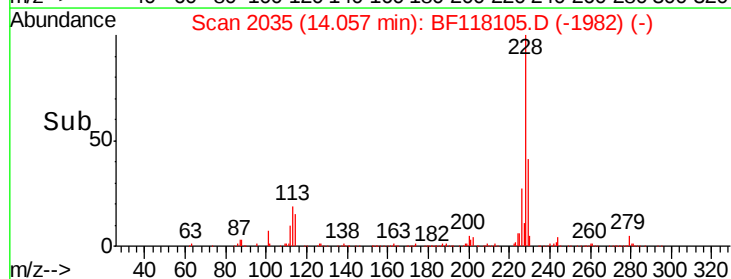
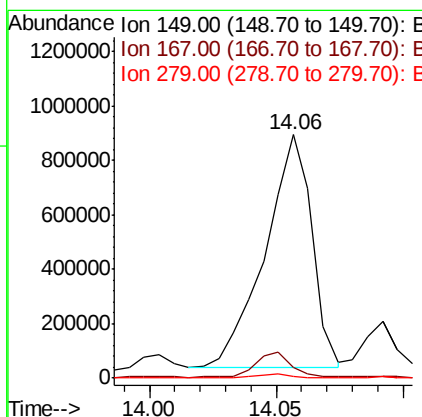
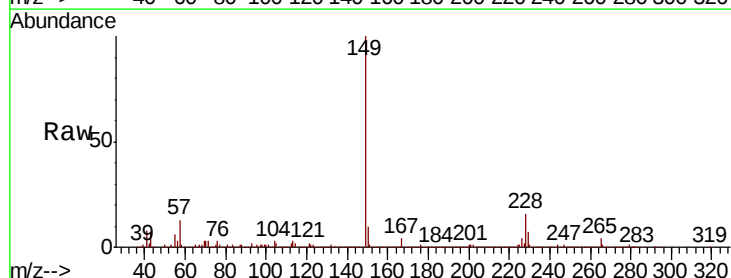
Instrument :
BNA_F
ClientSampled :

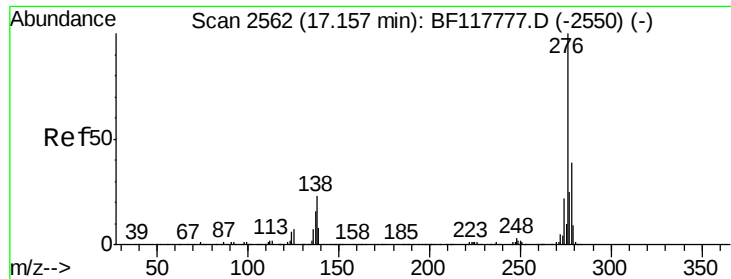
Tot Ion:228 Resp: 839424
Ion Ratio Lower Upper
228 100
226 29.6 23.6 35.4
229 22.7 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.825 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118105.D
Acq: 5 Dec 2019 00:02

Tgt Ion:149 Resp: 1107587
Ion Ratio Lower Upper
149 100
167 4.5 21.8 32.8#
279 0.8 3.4 5.0#

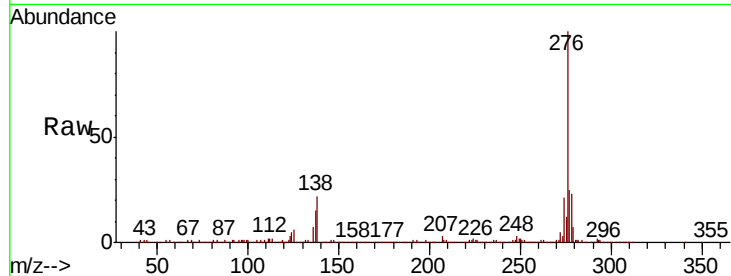




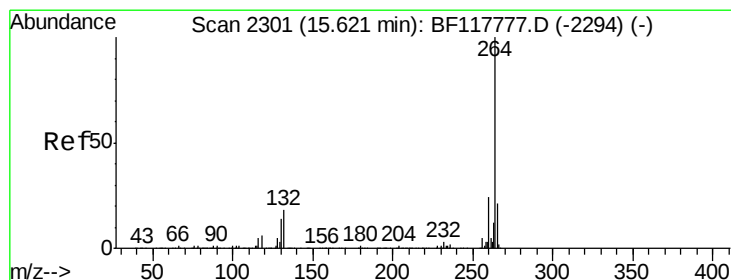
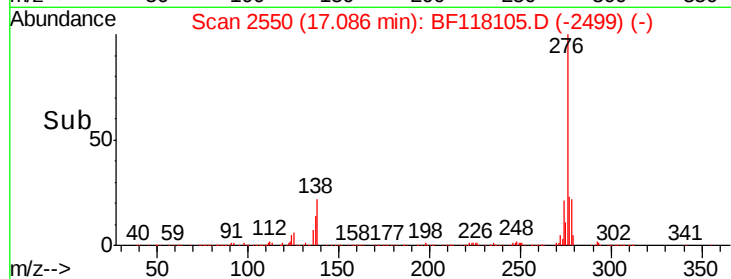
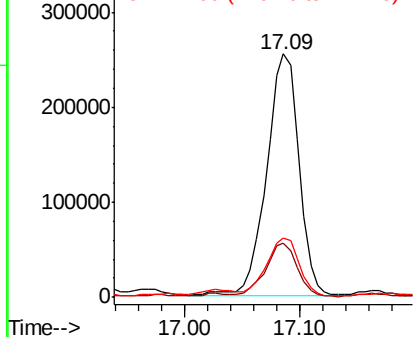
#86
Indeno(1,2,3-cd)pyrene
Concen: 20.414 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BF118105.D
Acq: 5 Dec 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 497788
Ion Ratio Lower Upper
276 100
138 21.8 19.0 28.6
277 24.5 20.7 31.1

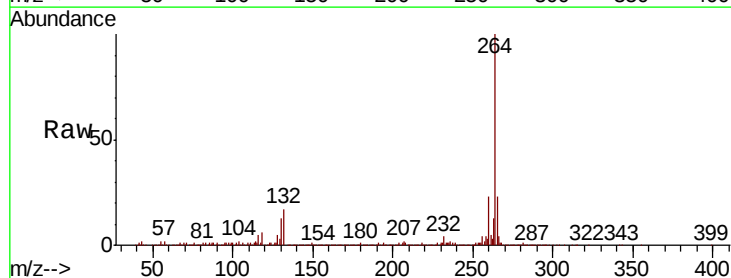


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

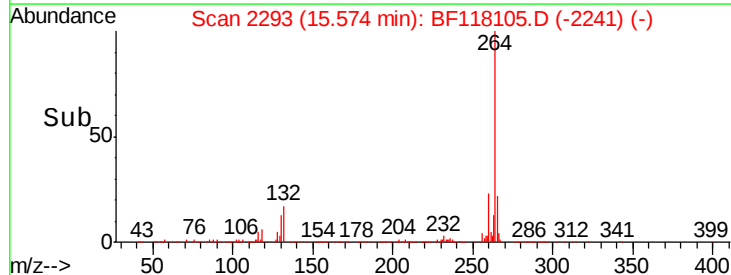
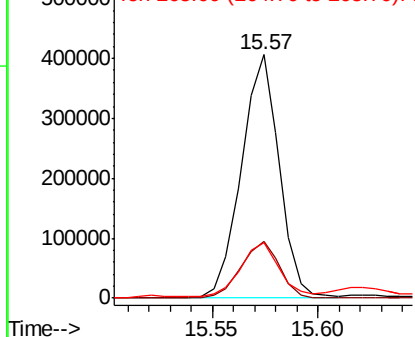


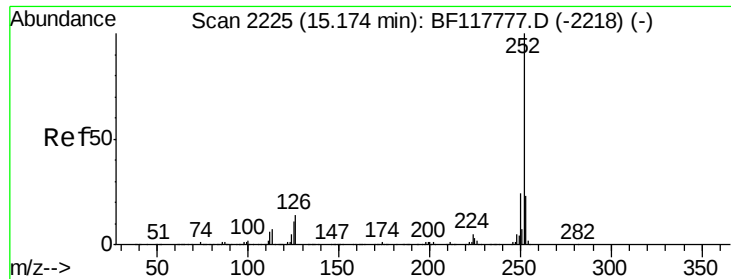
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF118105.D
Acq: 5 Dec 2019 00:02

Tgt Ion:264 Resp: 500202
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 22.6 16.4 24.6



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

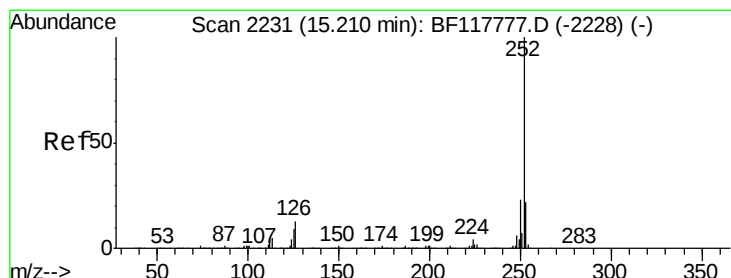
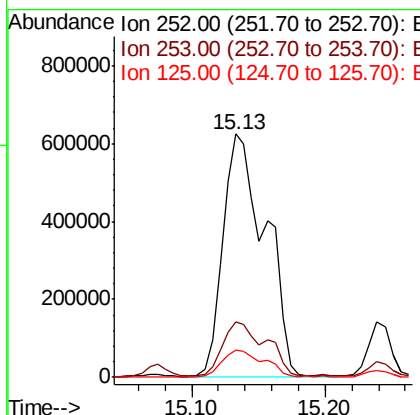
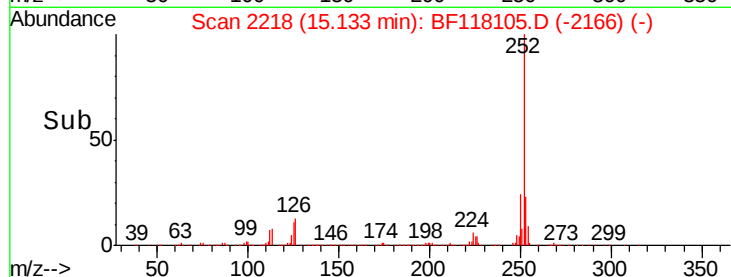
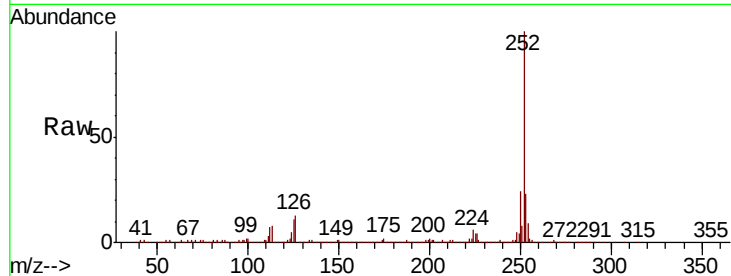




#88
Benzo(b)fluoranthene
Concen: 42.480 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118105.D
Acq: 5 Dec 2019 00:02

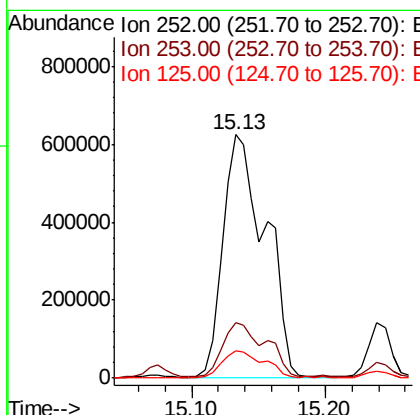
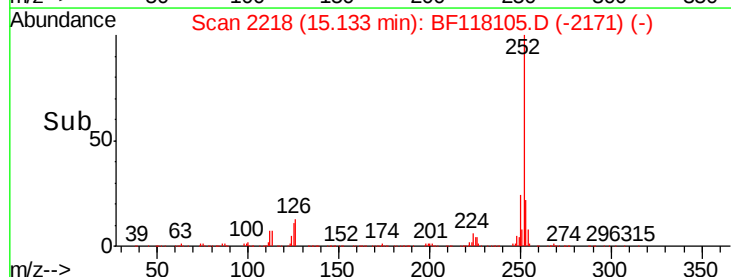
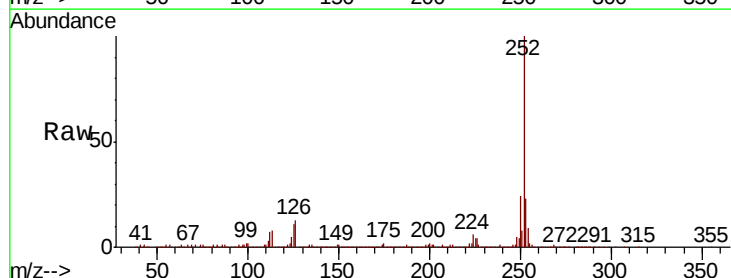
Instrument :
BNA_F
ClientSampleId :

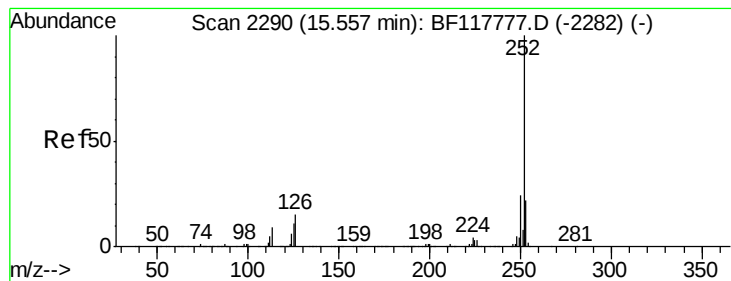
Tot Ion:252 Resp: 1380532
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.2 7.7 11.5



#89
Benzo(k)fluoranthene
Concen: 45.085 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BF118105.D
Acq: 5 Dec 2019 00:02

Tgt Ion:252 Resp: 1380532
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 11.2 8.5 12.7





#90

Benzo(a)pyrene

Concen: 26.522 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampleId :

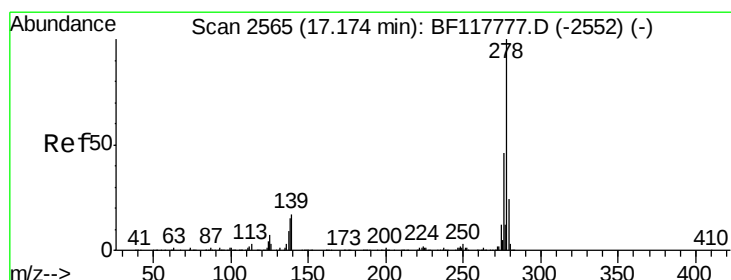
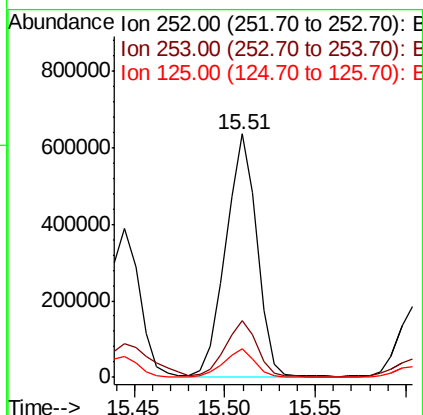
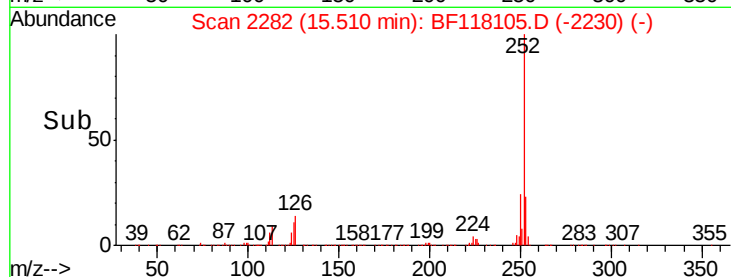
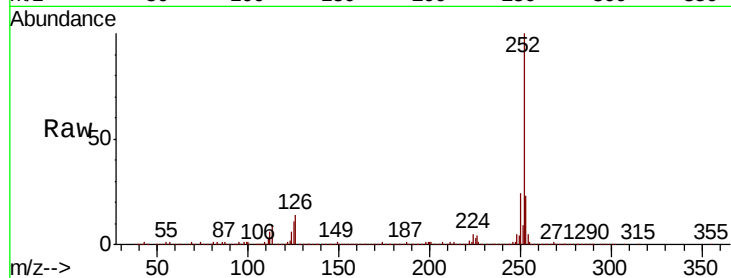
Tot Ion:252 Resp: 757925

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

125 11.5 8.9 13.3



#91

Dibenzo(a,h)anthracene

Concen: 4.418 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.16 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

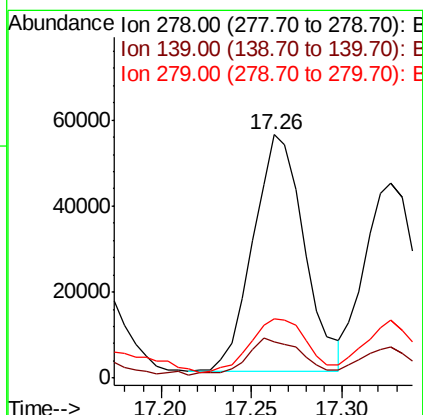
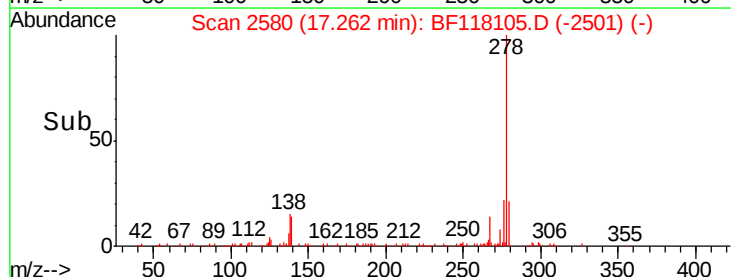
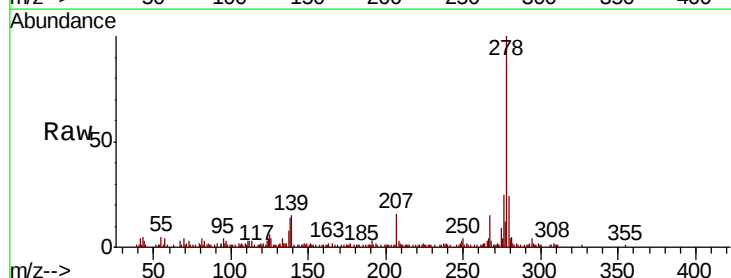
Tgt Ion:278 Resp: 108660

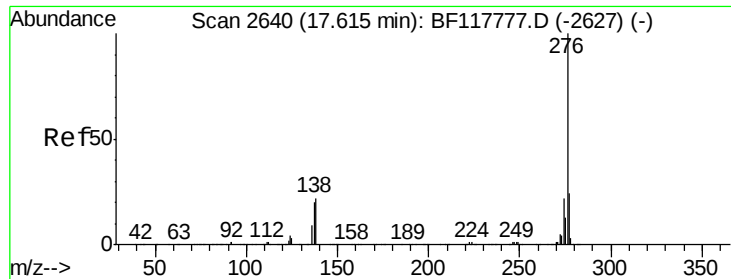
Ion Ratio Lower Upper

278 100

139 15.1 12.2 18.4

279 24.2 19.0 28.6





#92

Benzo(a,h,i)perylene

Concen: 18.586 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF118105.D

Acq: 5 Dec 2019 00:02

Instrument :

BNA_F

ClientSampleId :

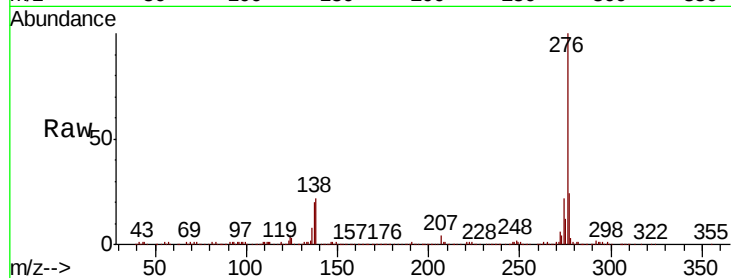
Tot Ion:276 Resp: 455340

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.6 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

