

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118418.D
 Acq On : 31 Dec 2019 21:16
 Operator : JU
 Sample : K6465-02 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 01 00:37:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	58305	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	231807	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	126555	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	221231	20.00	ng	0.00
76) Chrysene-d12	14.06	240	178525	20.00	ng	0.01
87) Perylene-d12	15.56	264	173732	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	62965	18.43	ng	0.01
7) Phenol-d6	6.49	99	81655	19.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	58703	14.48	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	25517	16.33	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	117029	14.12	ng	0.00
79) Terphenyl-d14	12.99	244	105239	9.78	ng	0.00

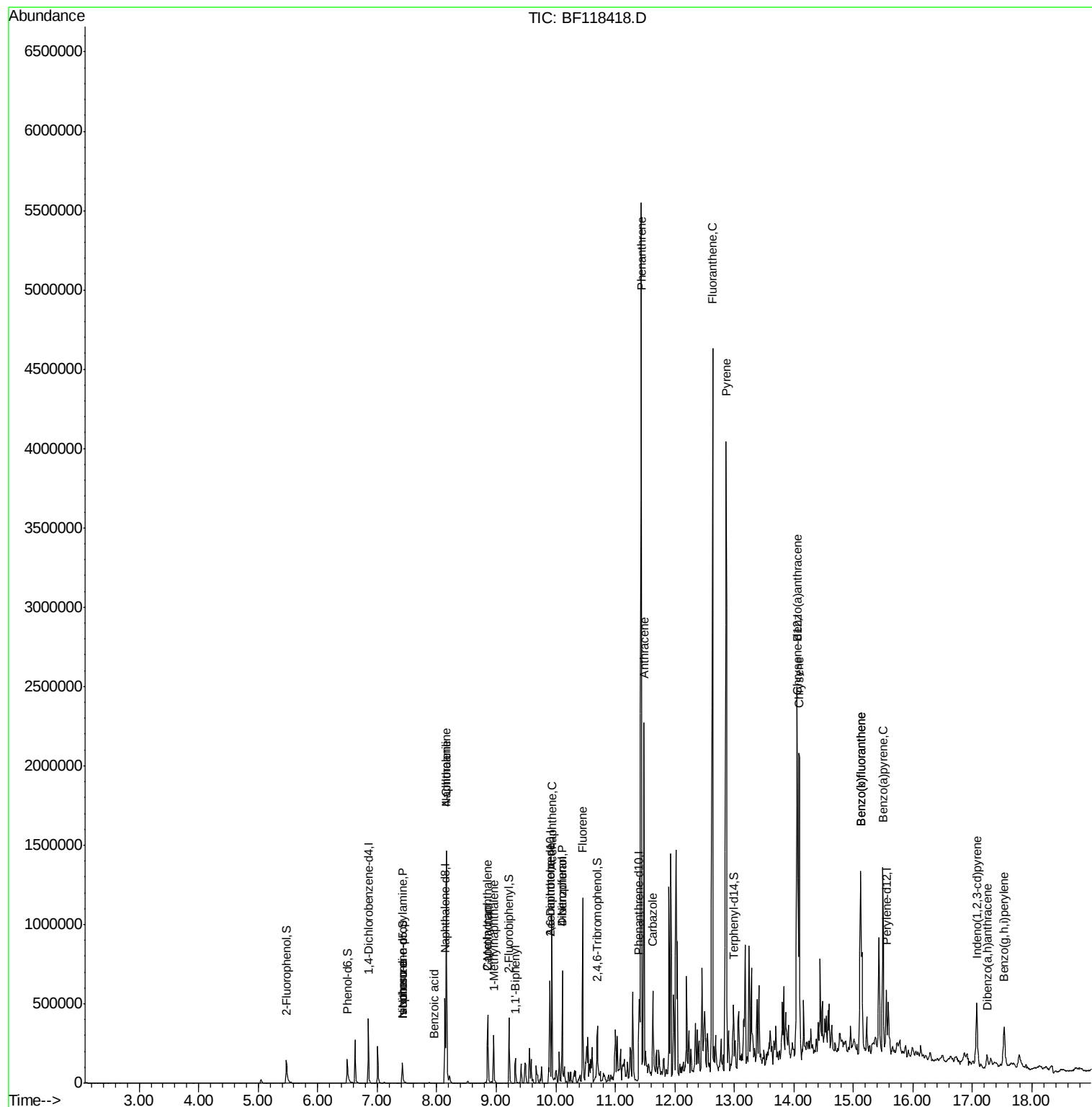
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.42	70	7740	2.965	ng	# 76
25) Isophorone	7.42	82	58703	8.311	ng	# 62
31) Naphthalene	8.16	128	610300	51.800	ng	99
32) Benzoic acid	7.95	122	309	5.787	ng	# 1
33) 4-Chloroaniline	8.16	127	79764	15.792	ng	# 36
35) Caprolactam	8.86	113	2598	2.464	ng	# 1
37) 2-Methylnaphthalene	8.86	142	119603	14.827	ng	98
38) 1-Methylnaphthalene	8.96	142	85369	11.233	ng	100
46) 1,1'-Biphenyl	9.32	154	51841	5.179	ng	97
51) 2,6-Dinitrotoluene	9.90	165	22160	10.820	ng	# 28
52) Acenaphthene	9.93	154	215985	29.677	ng	99
55) Dibenzofuran	10.11	168	251696	23.406	ng	97
56) 4-Nitrophenol	10.11	139	107940	72.737	ng	# 8
58) Fluorene	10.46	166	331730	38.214	ng	100
71) Phenanthrene	11.44	178	2572801	213.327	ng	99
72) Anthracene	11.48	178	703445	58.272	ng	99
73) Carbazole	11.63	167	175781	16.410	ng	98
75) Fluoranthene	12.63	202	1864186	153.159	ng	97
78) Pvrene	12.86	202	1877212	128.766	ng	98
81) Benzo(a)anthracene	14.05	228	932555	74.627	ng	99
83) Chrysene	14.09	228	749768	62.661	ng	97
86) Indeno(1,2,3-cd)pyrene	17.07	276	221445	21.720	ng	# 95
88) Benzo(b)fluoranthene	15.12	252	885269	76.764	ng	96
89) Benzo(k)fluoranthene	15.12	252	885269	79.948	ng	98
90) Benzo(a)pyrene	15.50	252	561490	55.270	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	46638	5.290	ng	96
92) Benzo(g,h,i)perylene	17.53	276	211805	24.871	ng	98

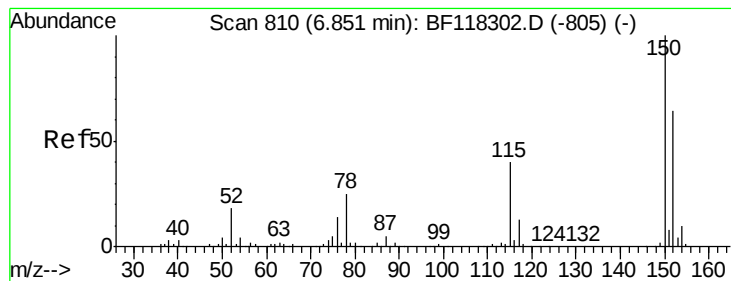
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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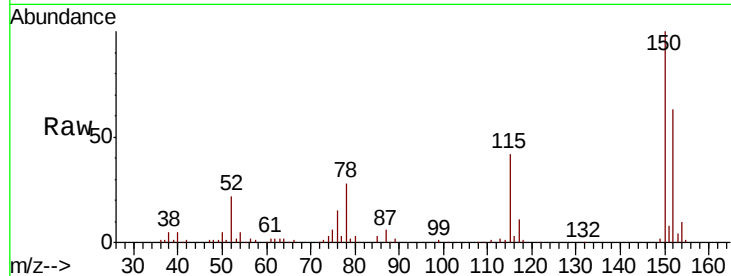


#1

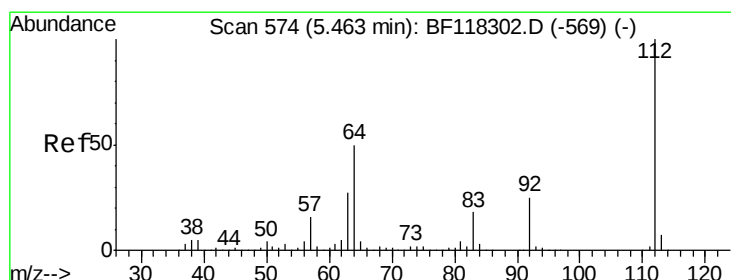
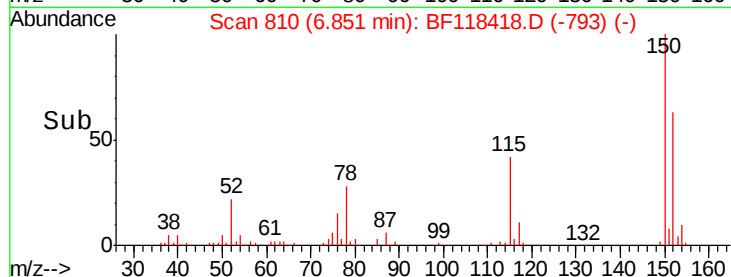
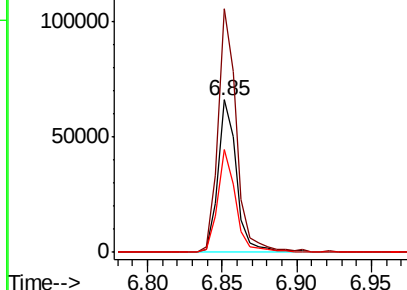
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58305
Ion Ratio Lower Upper
152 100
150 159.5 125.4 188.2
115 67.6 50.2 75.4



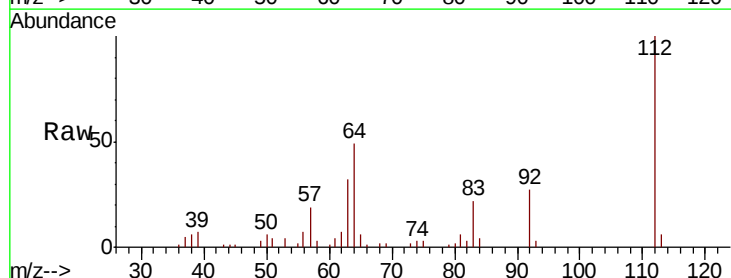
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



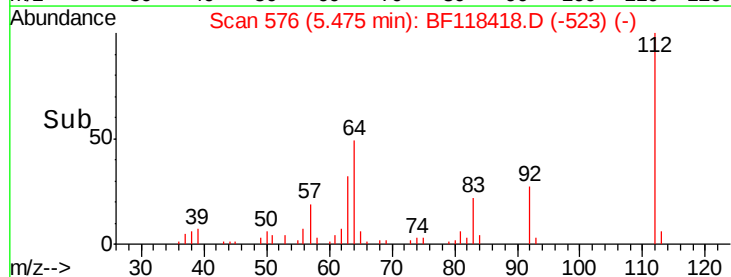
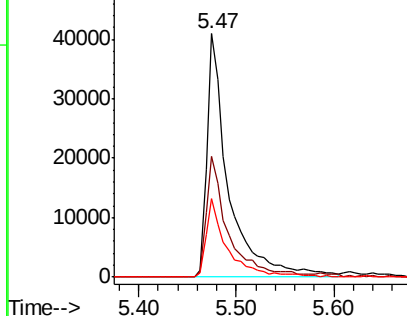
#5

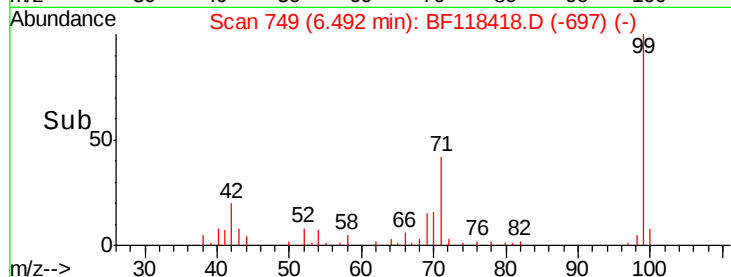
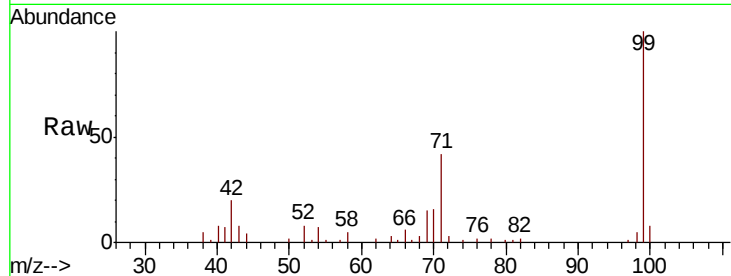
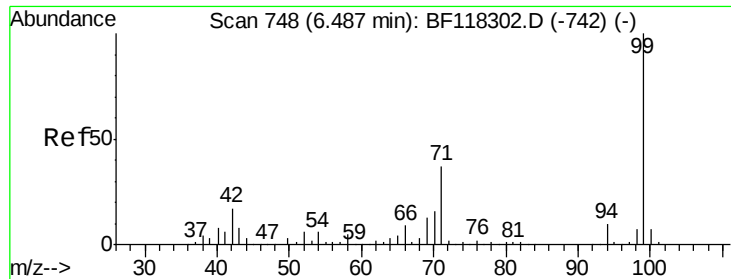
2-Fluorophenol
Concen: 18.434 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Tgt Ion:112 Resp: 62965
Ion Ratio Lower Upper
112 100
64 49.4 39.7 59.5
63 32.0 21.7 32.5



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





#7

Phenol-d6

Concen: 19.271 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

Instrument :

BNA_F

ClientSampleId :

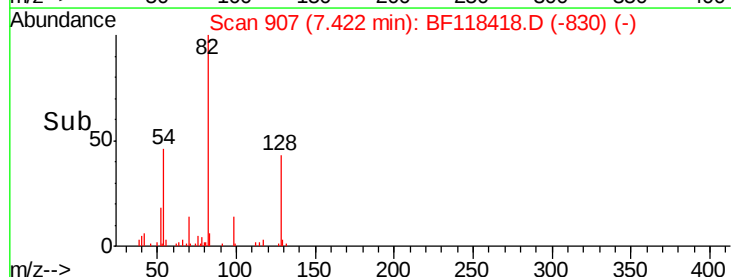
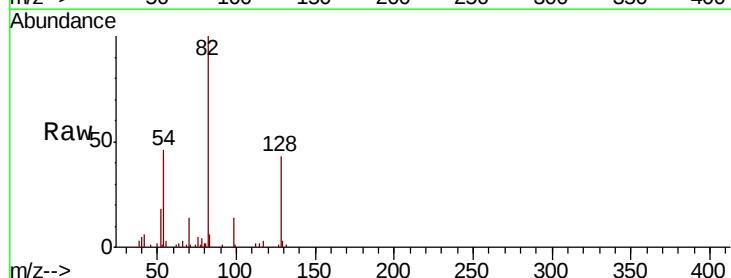
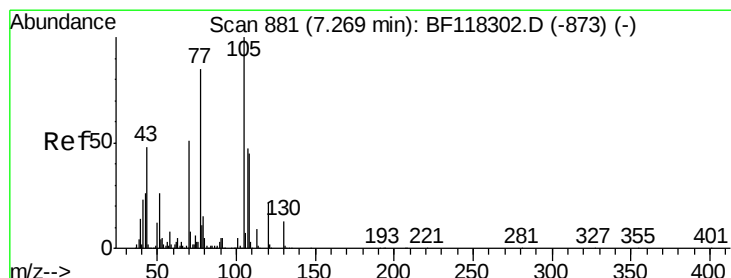
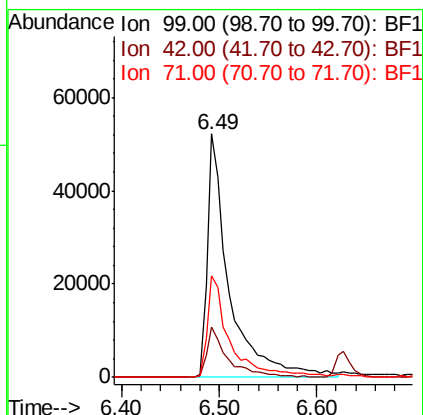
Tot Ion: 99 Resp: 81655

Ion Ratio Lower Upper

99 100

42 20.4 13.5 20.3#

71 41.6 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 2.965 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

Tgt Ion: 70 Resp: 7740

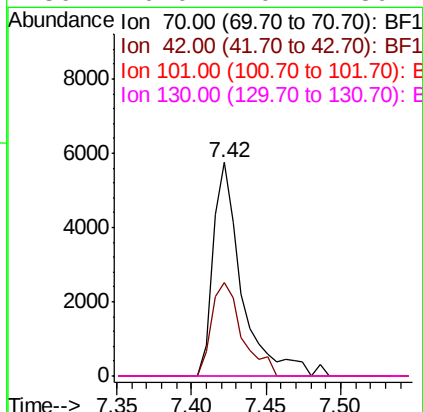
Ion Ratio Lower Upper

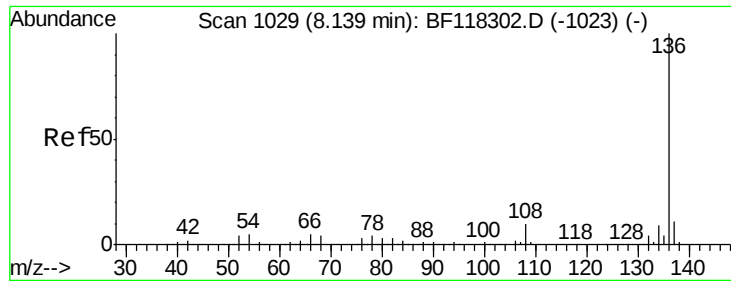
70 100

42 43.7 41.1 61.7

101 0.0 8.3 12.5#

130 0.0 20.1 30.1#

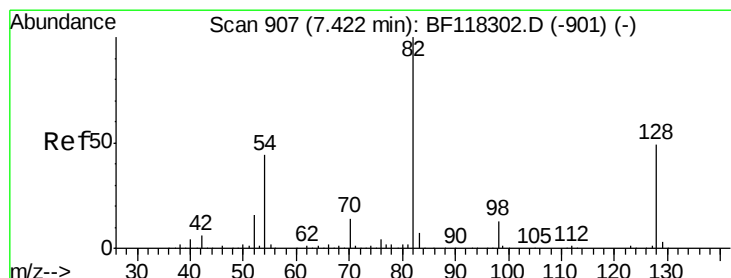
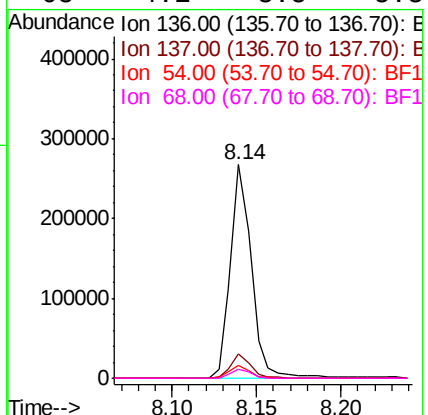
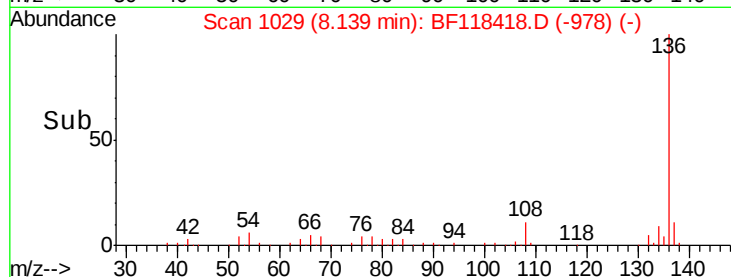
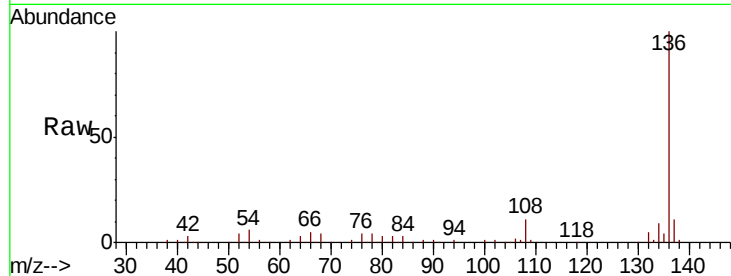




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

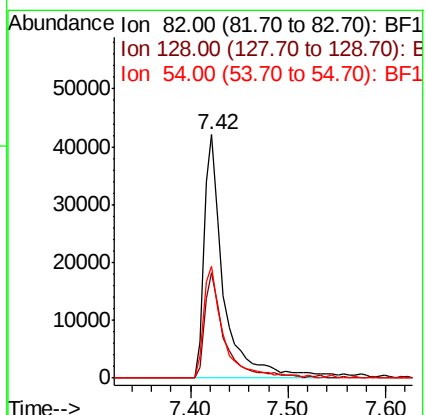
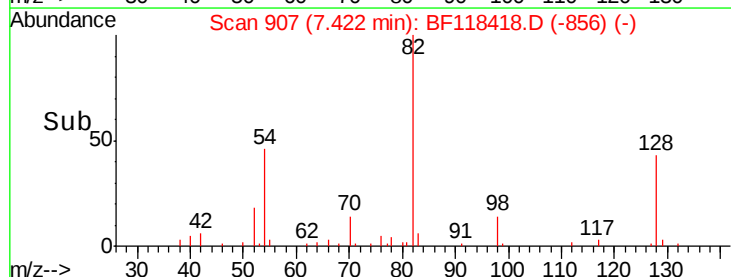
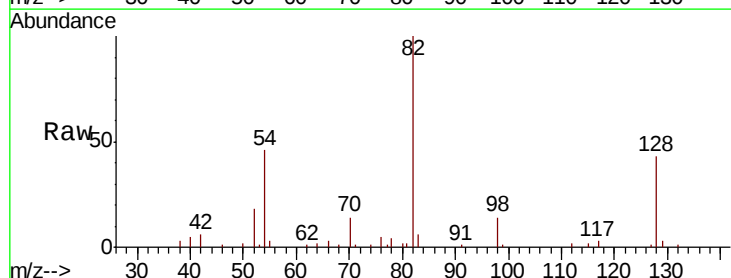
Instrument :
BNA_F
ClientSampleId :

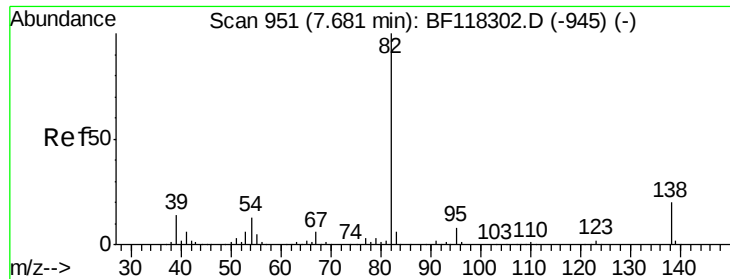
Tot Ion:	136	Resp:	231807
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.1	4.2	6.4
68	4.1	3.5	5.3



#23
Nitrobenzene-d5
Concen: 14.484 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Tgt Ion:	82	Resp:	58703
Ion	Ratio	Lower	Upper
82	100		
128	43.5	39.6	59.4
54	46.0	34.9	52.3





#25

Isophorone

Concen: 8.311 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

Instrument :

BNA_F

ClientSampleId :

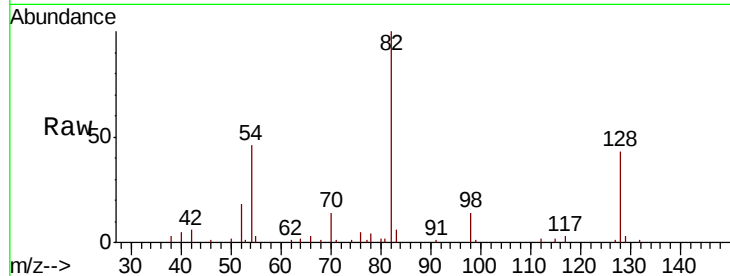
Tot Ion: 82 Resp: 58703

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

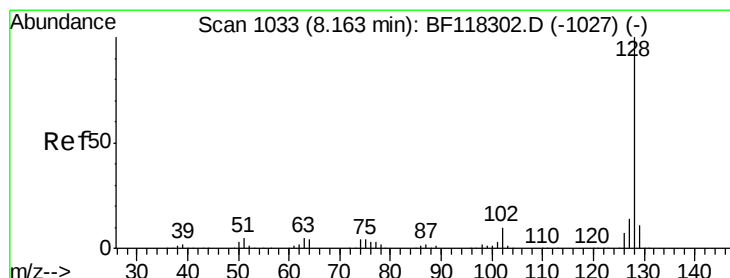
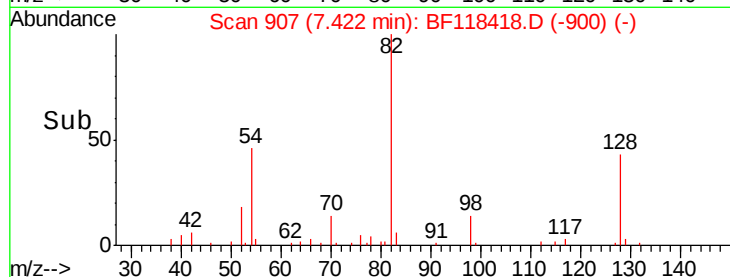
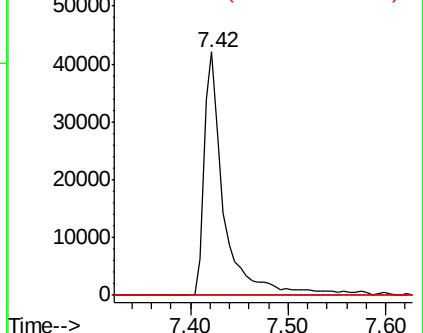
138 0.0 16.2 24.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 51.800 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

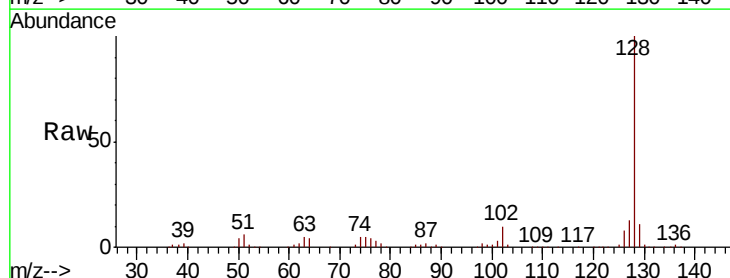
Tgt Ion: 128 Resp: 610300

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

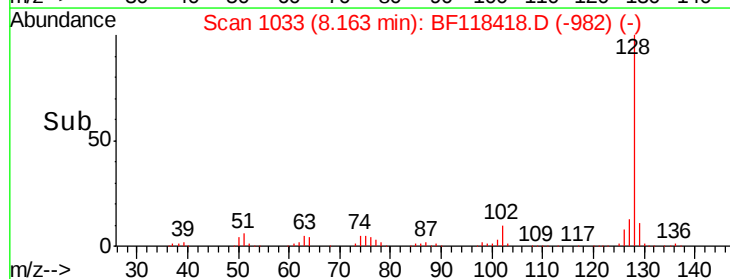
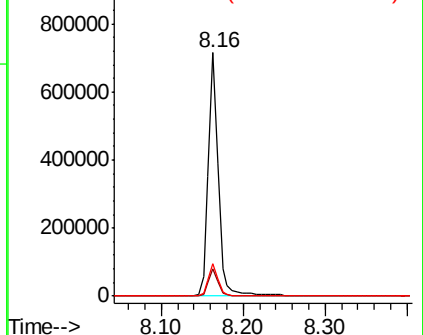
127 13.4 11.0 16.4

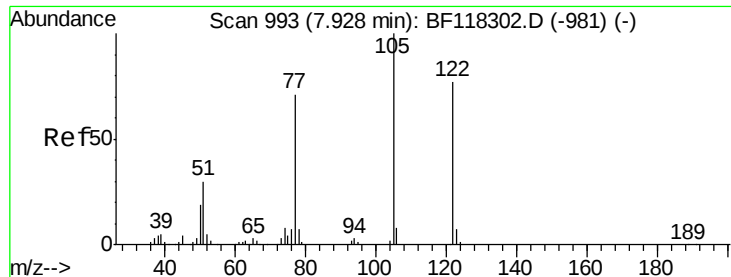


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

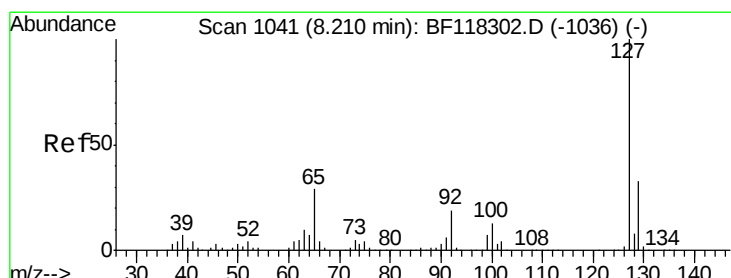
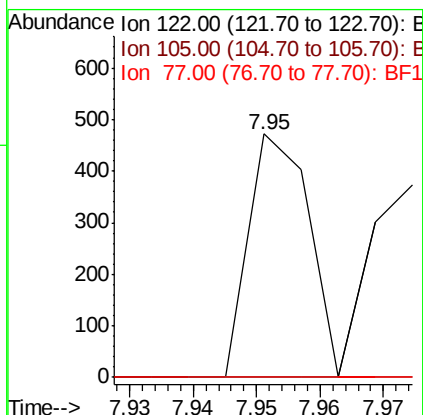
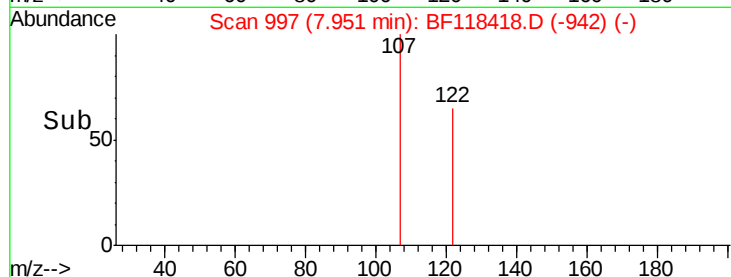
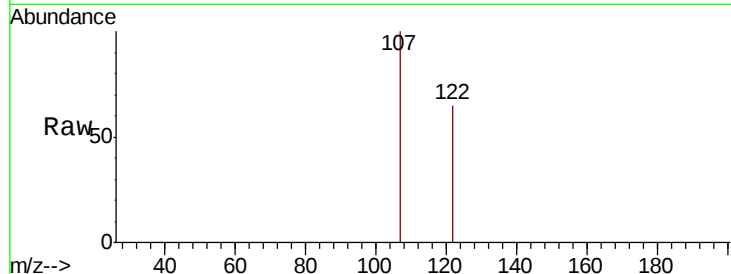




#32
Benzoic acid
Concen: 5.787 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

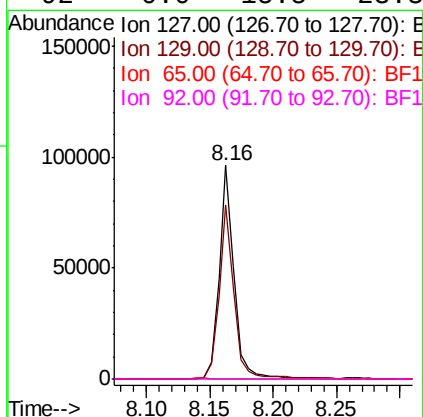
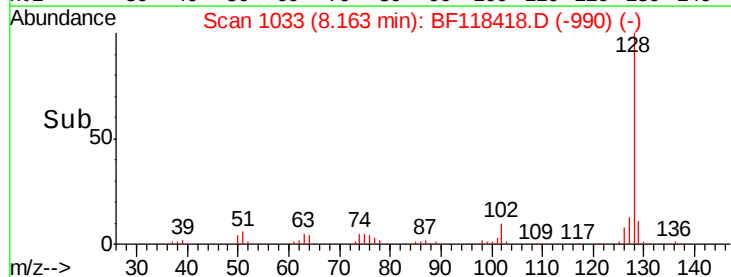
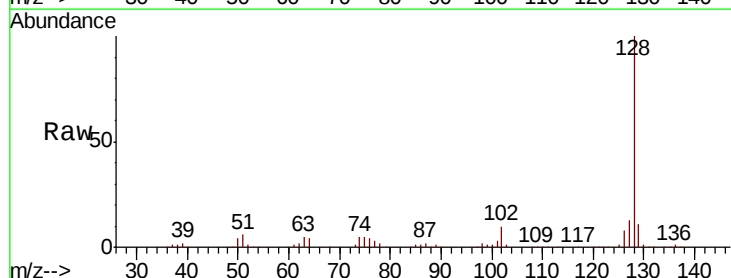
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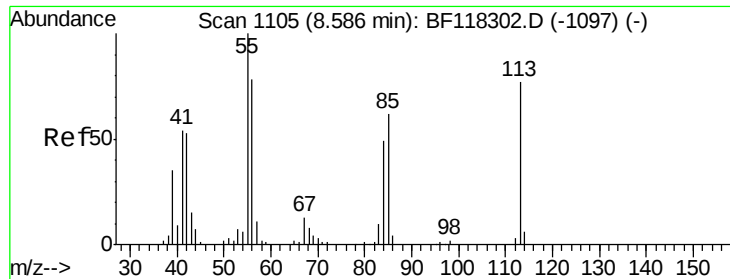
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.8	146.8#
77	0.0	70.4	110.4#



#33
4-Chloroaniline
Concen: 15.792 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Tgt Ion	Ratio	Lower	Upper
127	100		
129	81.7	26.5	39.7#
65	0.0	22.8	34.2#
92	0.0	15.5	23.3#

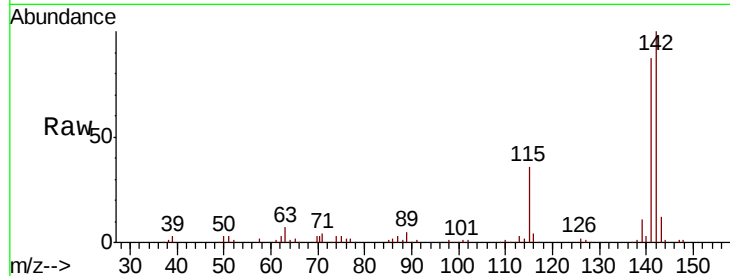




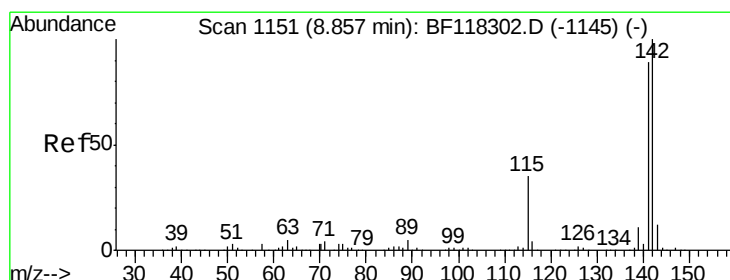
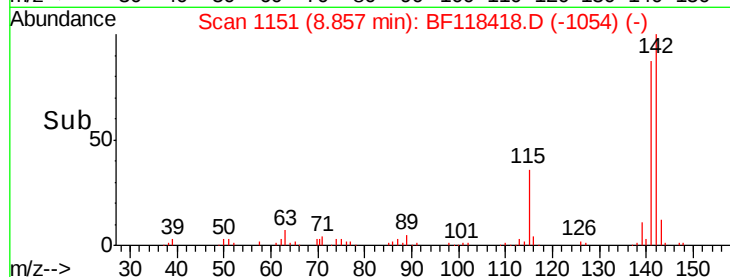
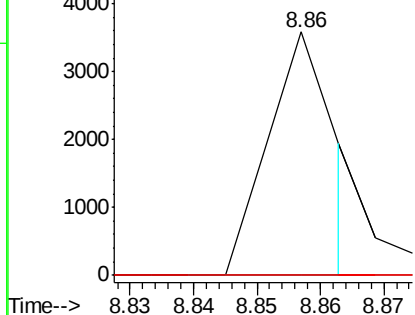
#35
Caprolactam
Concen: 2.464 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.27 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 2598
Ion Ratio Lower Upper
113 100
55 0.0 109.8 149.8#
56 0.0 81.7 121.7#

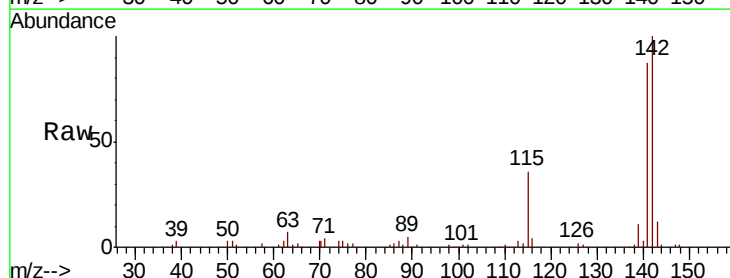


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

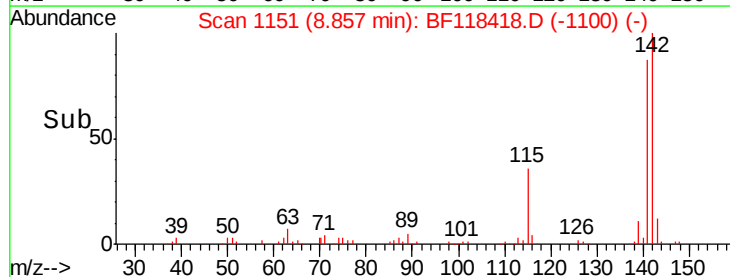
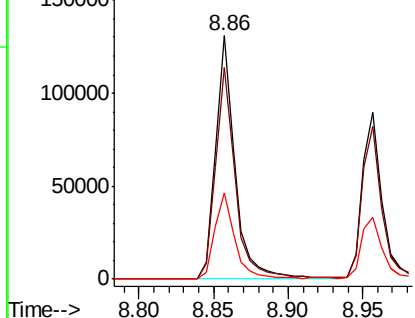


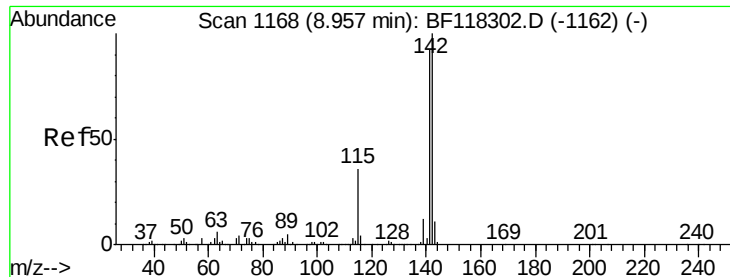
#37
2-Methylnaphthalene
Concen: 14.827 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Tgt Ion:142 Resp: 119603
Ion Ratio Lower Upper
142 100
141 86.7 71.2 106.8
115 35.6 28.0 42.0



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

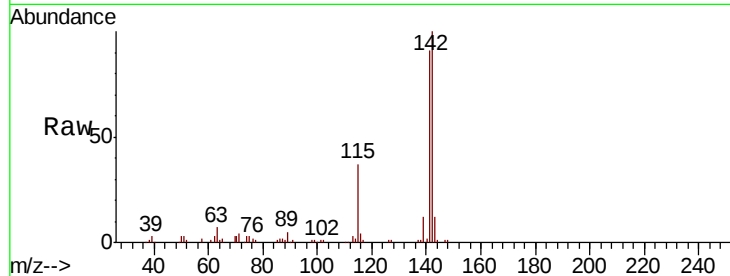




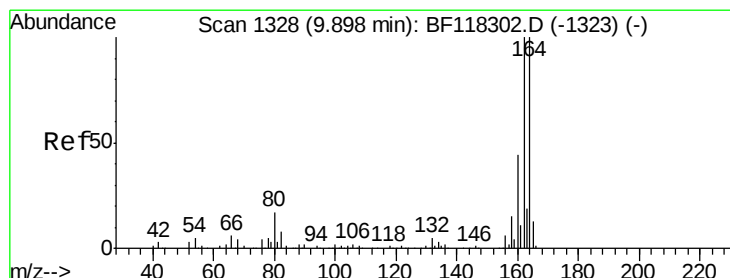
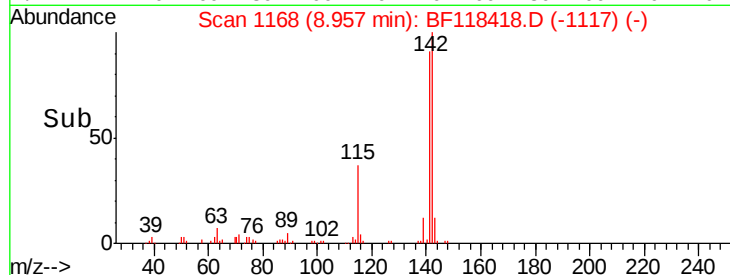
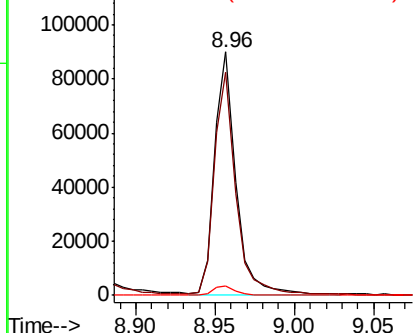
#38
1-Methylnaphthalene
Concen: 11.233 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 85369
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2
116 4.1 2.9 4.3

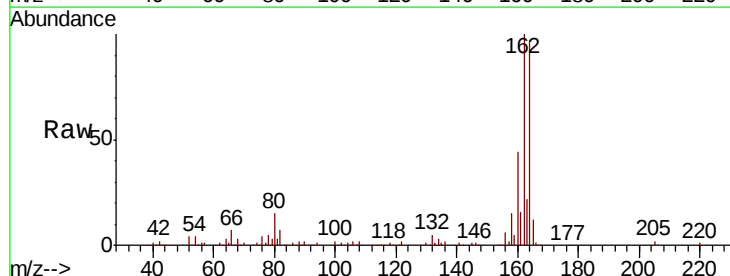


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

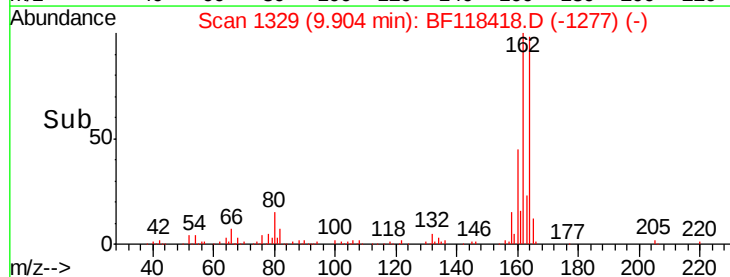
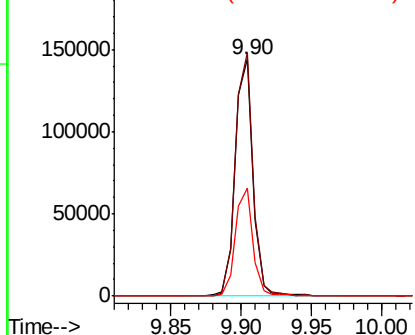


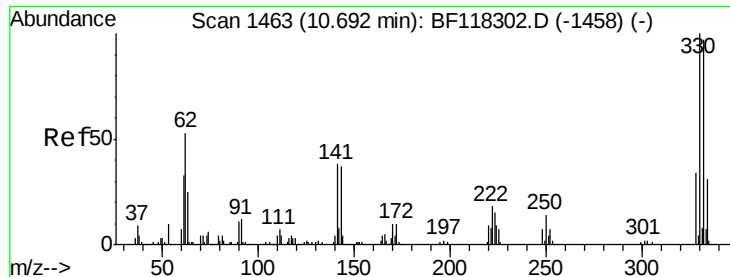
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Tgt Ion:164 Resp: 126555
Ion Ratio Lower Upper
164 100
162 102.7 80.0 120.0
160 45.7 34.8 52.2



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

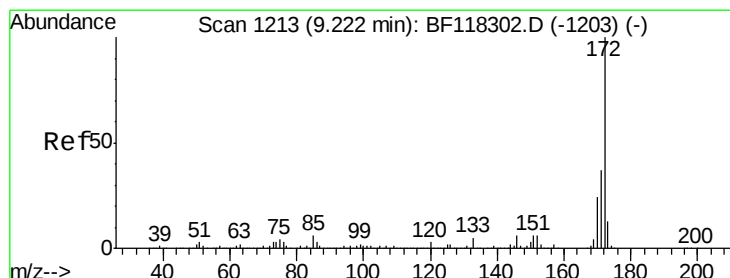
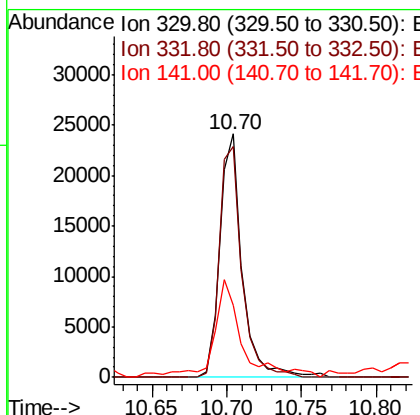
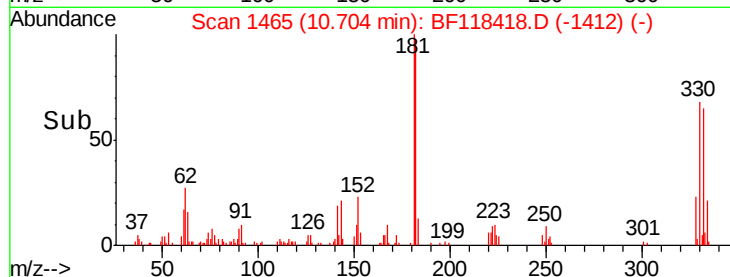
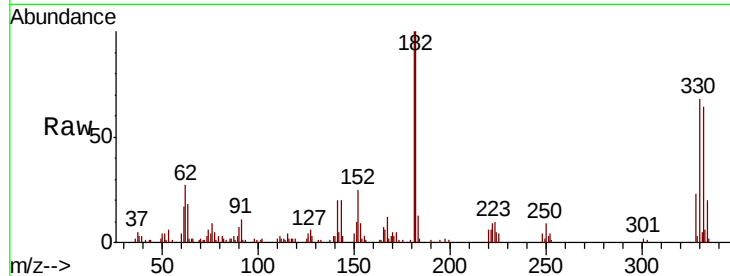




#42
 2,4,6-Tribromophenol
 Concen: 16.327 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BF118418.D
 Acq: 31 Dec 2019 21:16

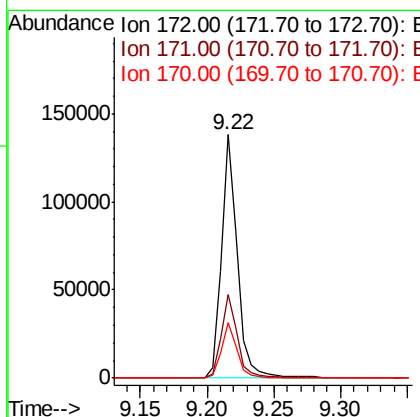
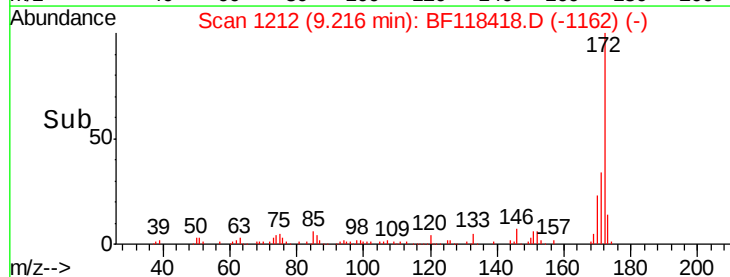
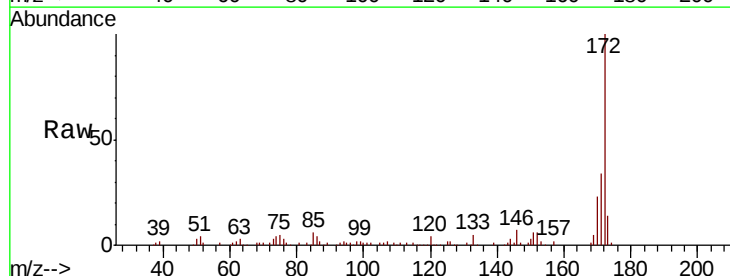
Instrument :
 BNA_F
 ClientSampleId :

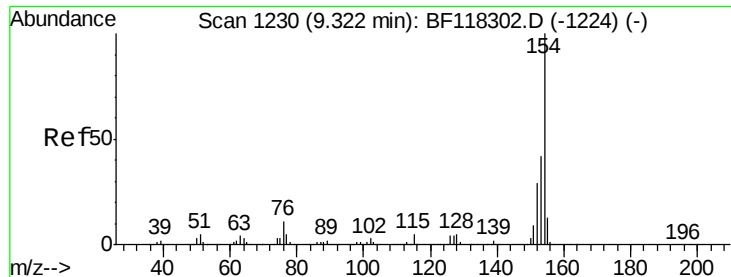
Tot Ion:330 Resp: 25517
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 51.1 26.0 39.0#



#45
 2-Fluorobiphenyl
 Concen: 14.116 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118418.D
 Acq: 31 Dec 2019 21:16

Tgt Ion:172 Resp: 117029
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.3 43.9
 170 22.9 19.2 28.8

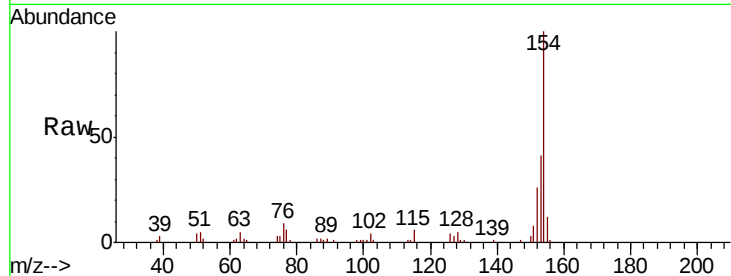




#46
 1,1'-Biphenyl
 Concen: 5.179 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF118418.D
 Acq: 31 Dec 2019 21:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.8	61.8
76	8.7	0.0	30.9

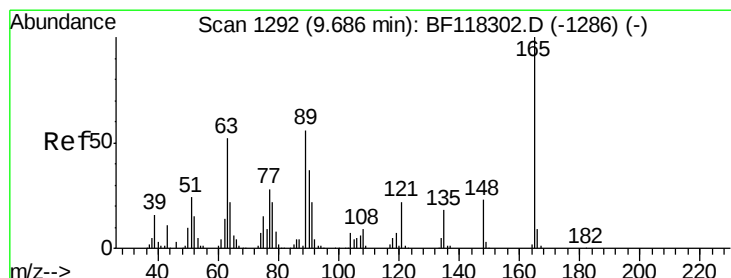
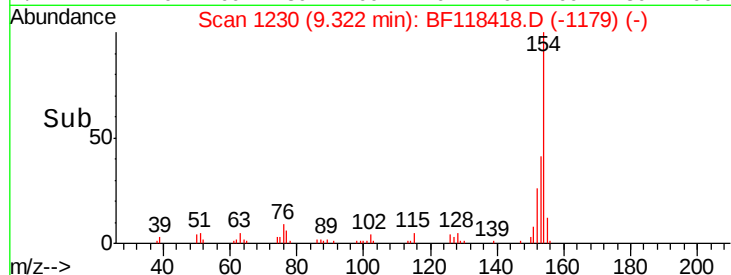
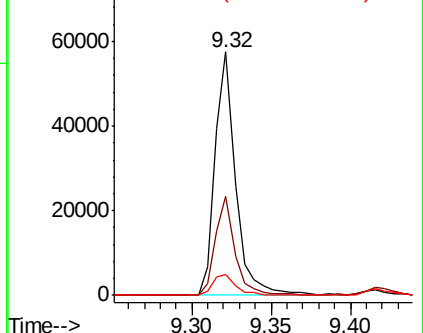


Abundance

Ion 154.00 (153.70 to 154.70): E

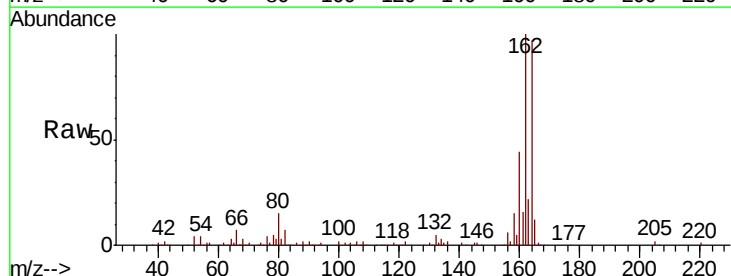
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#51
 2,6-Dinitrotoluene
 Concen: 10.820 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.22 min
 Lab File: BF118418.D
 Acq: 31 Dec 2019 21:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	42.2	63.4#
89	3.0	44.4	66.6#

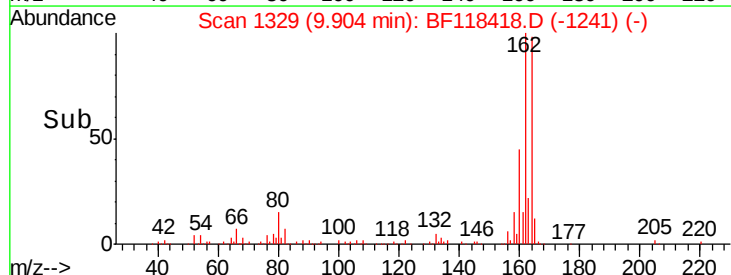
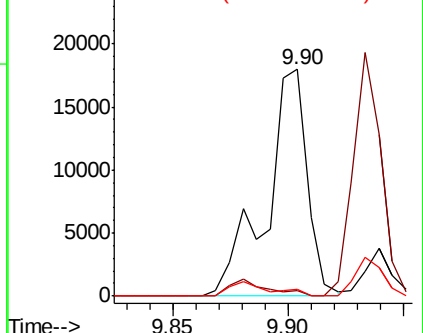


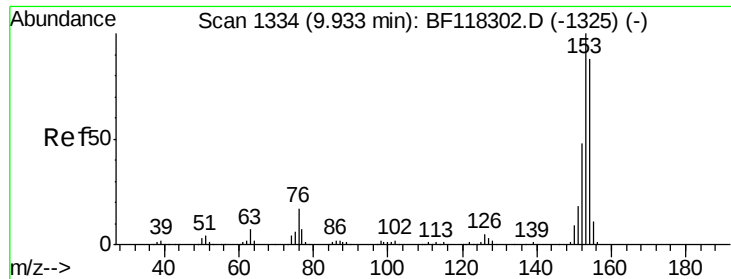
Abundance

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: 29.677 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

Instrument :

BNA_F

ClientSampleId :

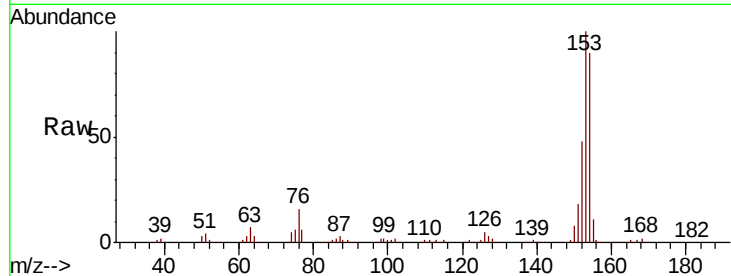
Tot Ion:154 Resp: 215985

Ion Ratio Lower Upper

154 100

153 111.5 90.6 136.0

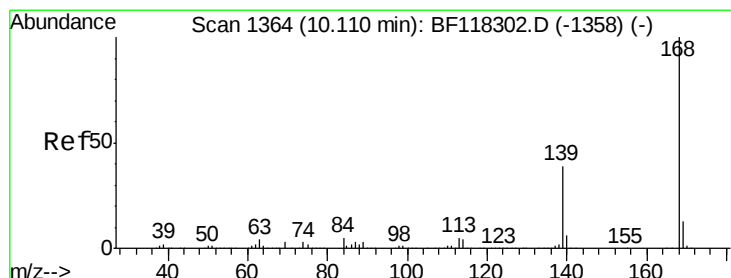
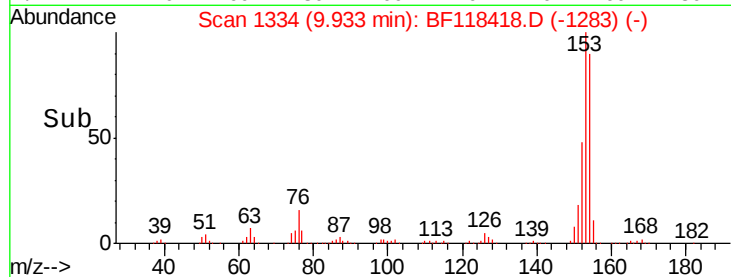
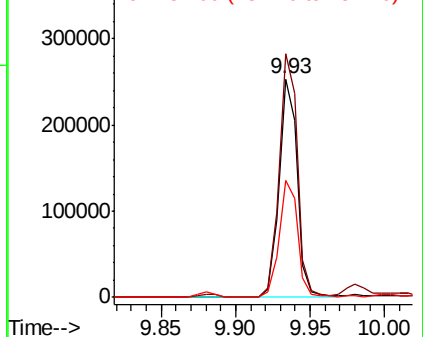
152 53.5 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 23.406 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

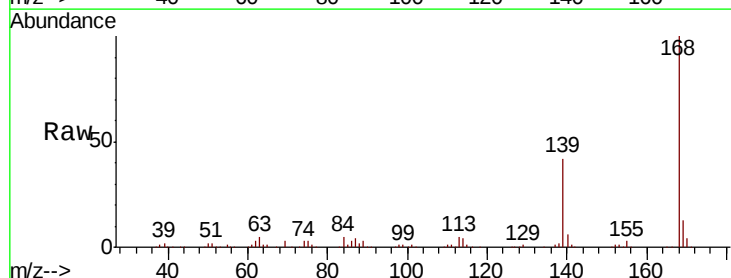
Tgt Ion:168 Resp: 251696

Ion Ratio Lower Upper

168 100

139 41.5 31.5 47.3

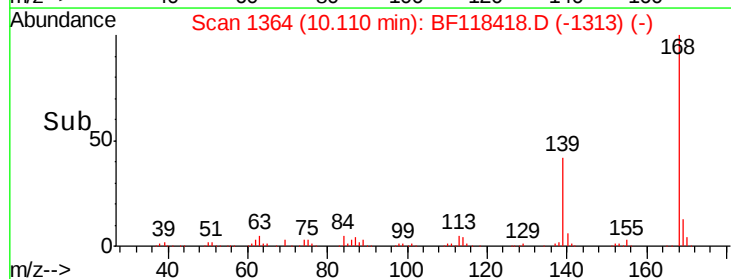
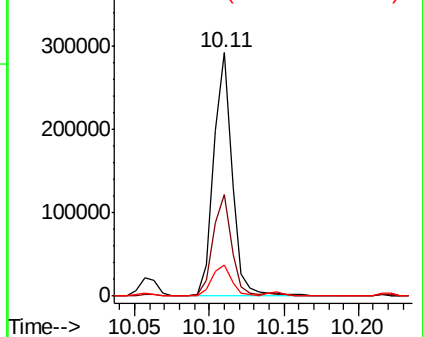
169 12.9 10.4 15.6

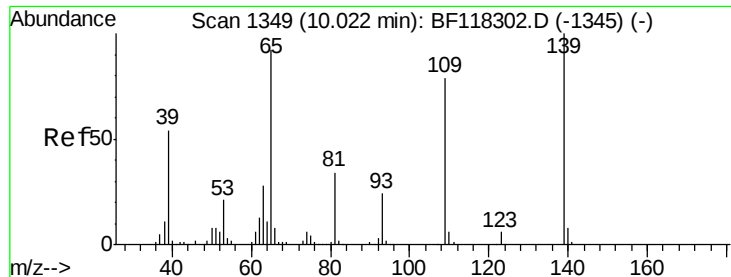


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

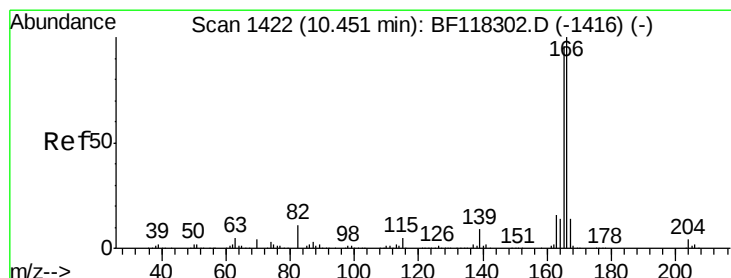
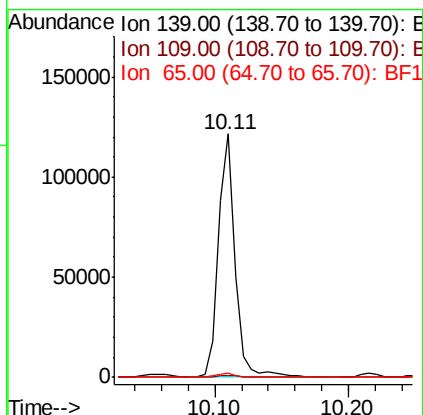
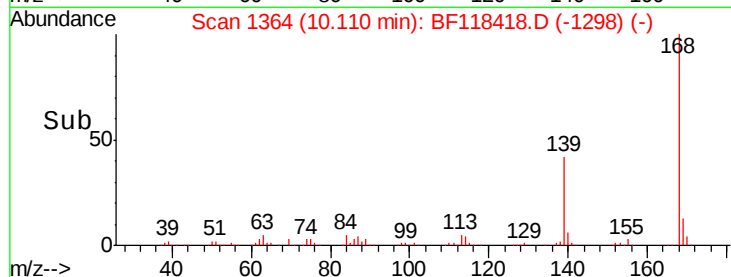
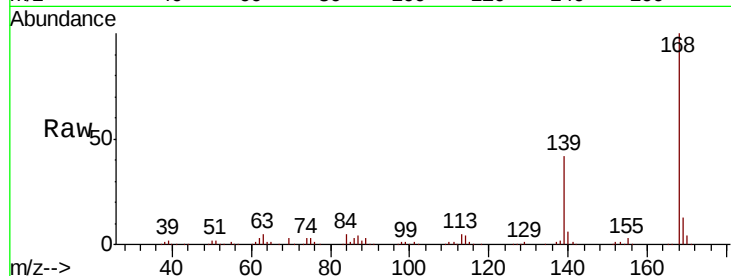




#56
4-Nitrophenol
Concen: 72.737 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.09 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

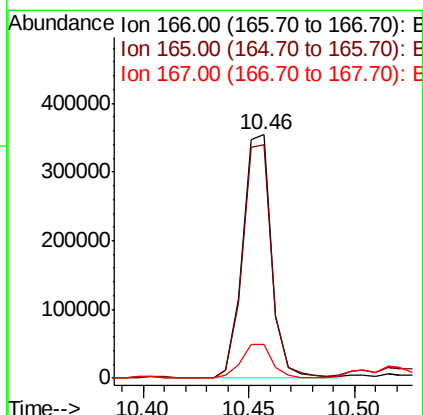
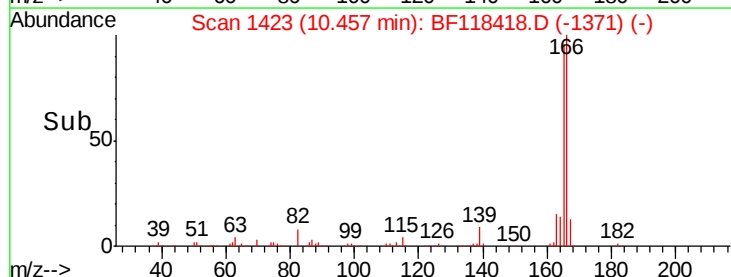
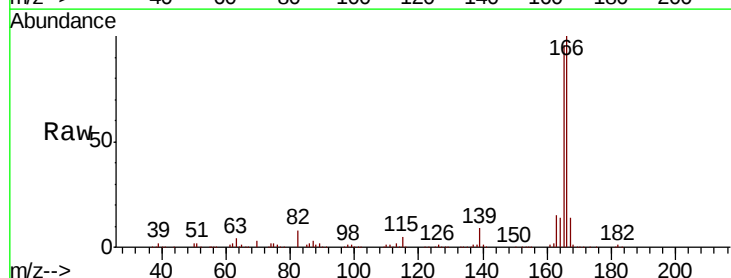
Instrument :
BNA_F
ClientSampleId :

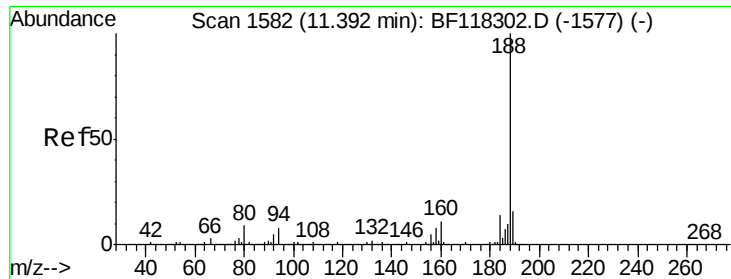
Tot Ion:139 Resp: 107940
Ion Ratio Lower Upper
139 100
109 1.0 59.3 99.3#
65 1.6 72.4 112.4#



#58
Fluorene
Concen: 38.214 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Tgt Ion:166 Resp: 331730
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.4
167 13.7 10.9 16.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

Instrument :

BNA_F

ClientSampleId :

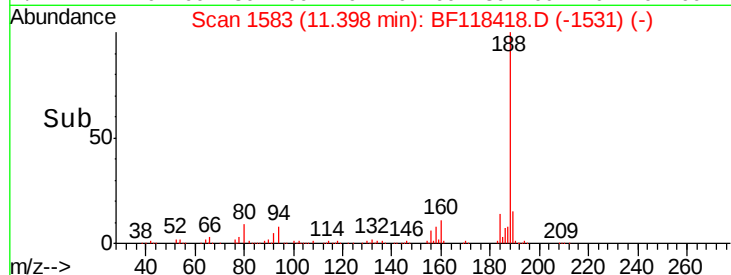
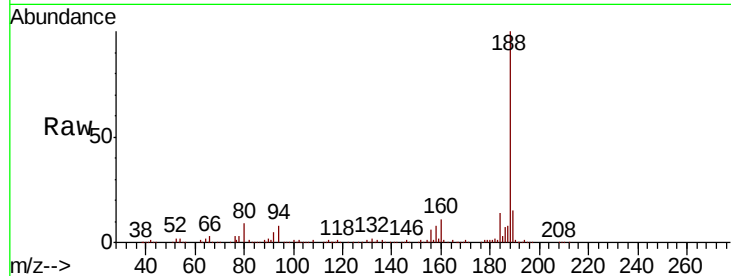
Tot Ion:188 Resp: 221231

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

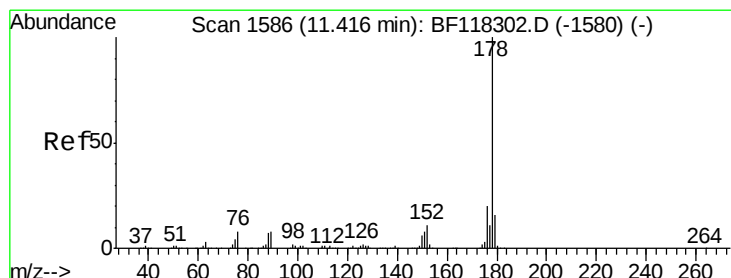
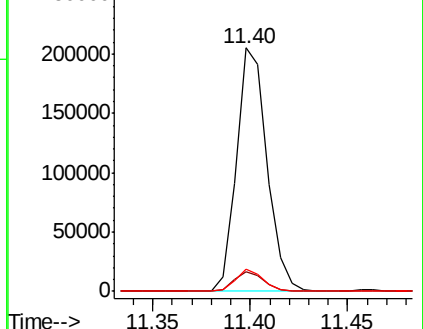
80 8.9 7.2 10.8



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: 213.327 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.02 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

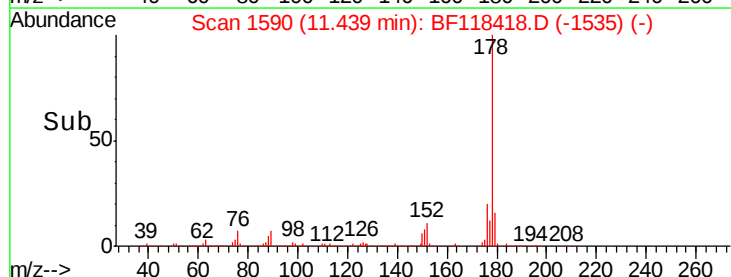
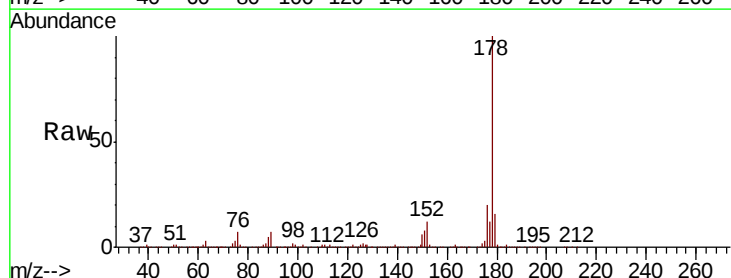
Tgt Ion:178 Resp: 2572801

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

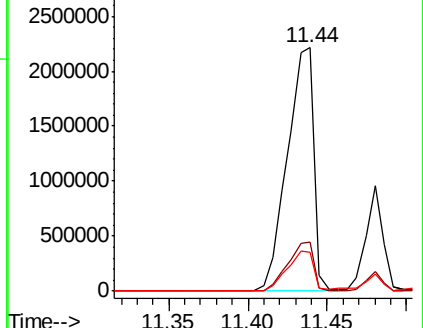
179 16.0 12.6 19.0

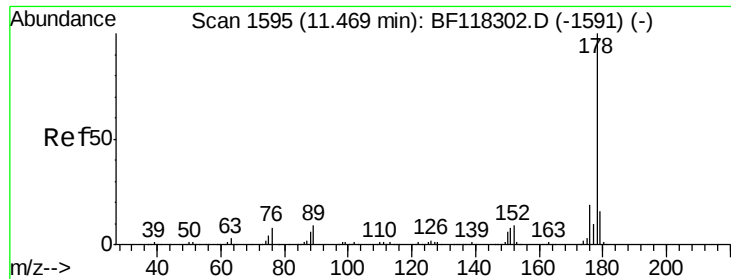


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 58.272 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

Instrument :

BNA_F

ClientSampled :

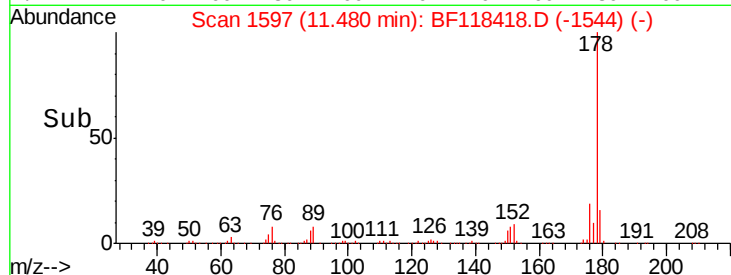
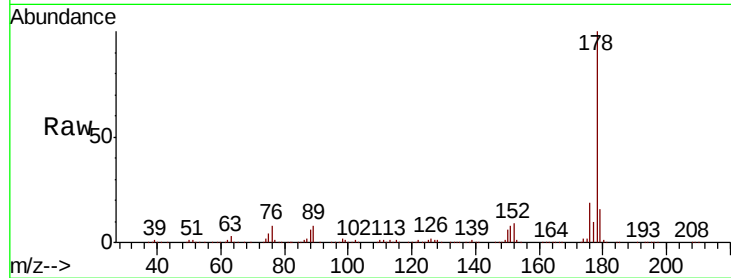
Tot Ion:178 Resp: 703445

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

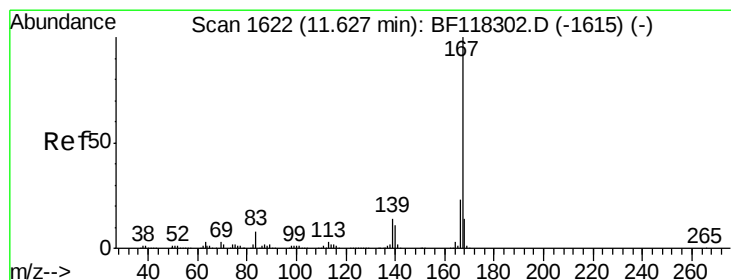
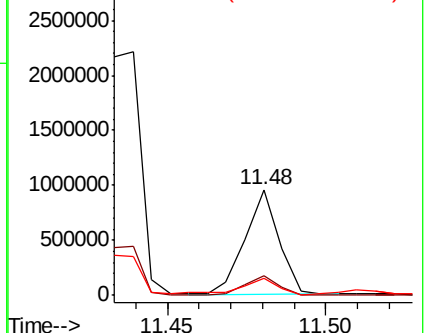
179 15.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 16.410 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

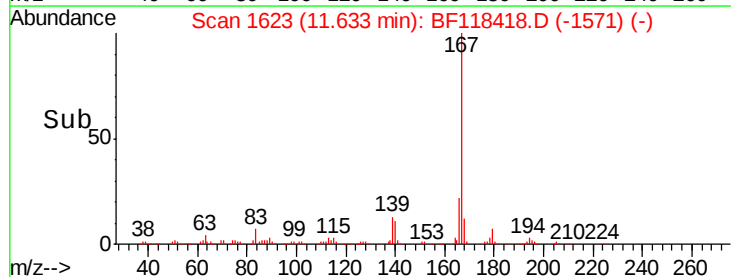
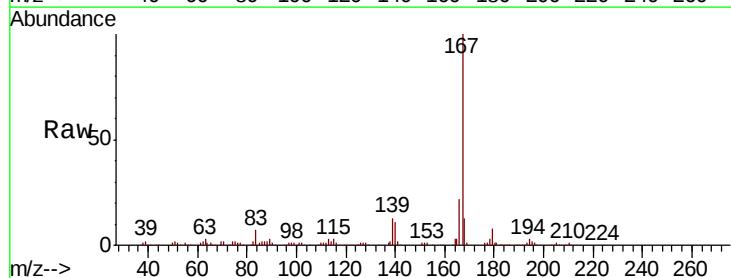
Tgt Ion:167 Resp: 175781

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

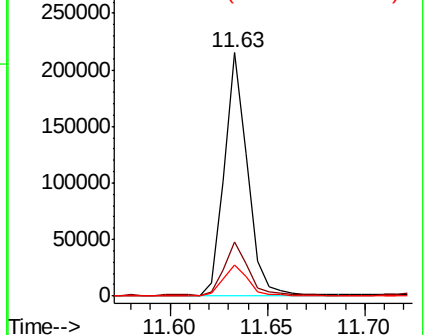
139 13.1 11.5 17.3

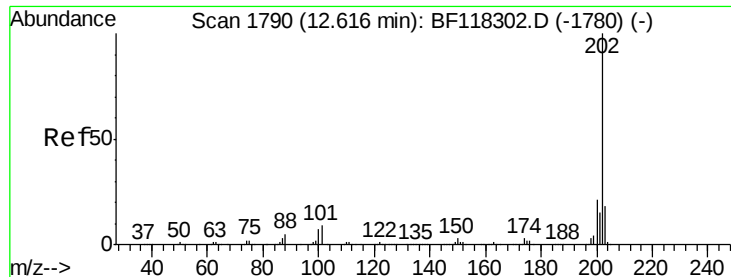


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 153.159 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.02 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

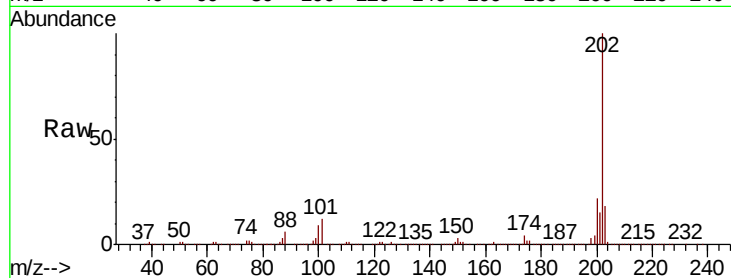
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1864186

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	29.5
203	18.1	0.0	37.6

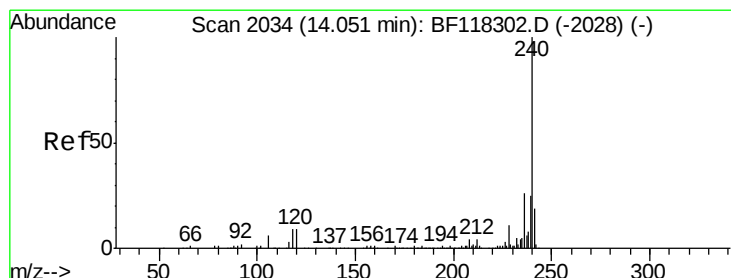
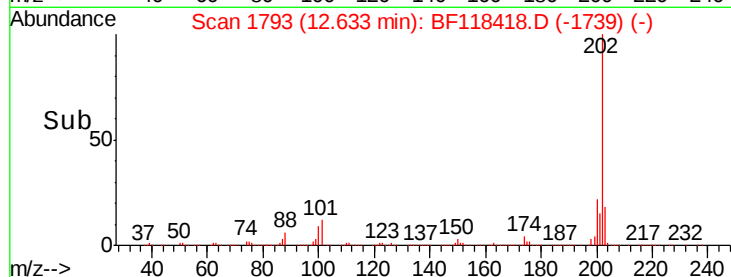
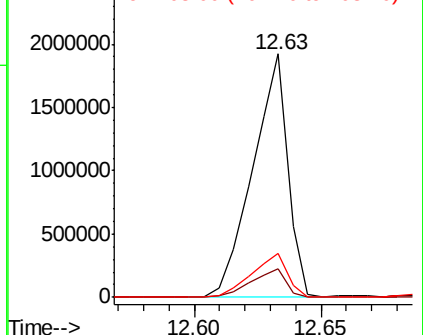


Abundance

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: 14.06 min Scan# 2036

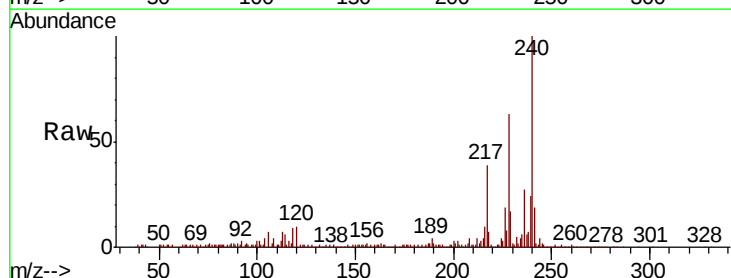
Delta R.T. 0.01 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

Tgt Ion:240 Resp: 178525

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.1	10.7
236	26.6	21.0	31.6

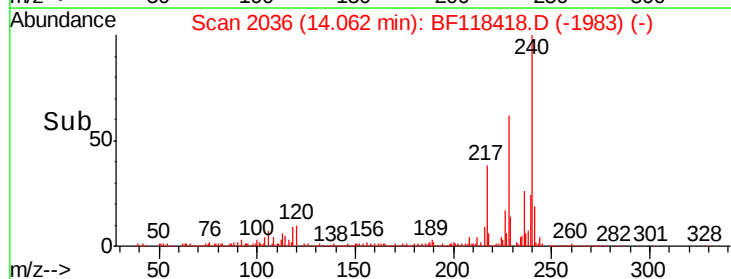
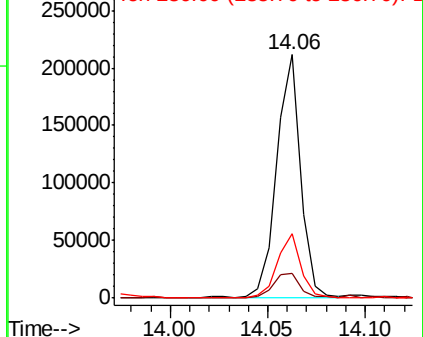


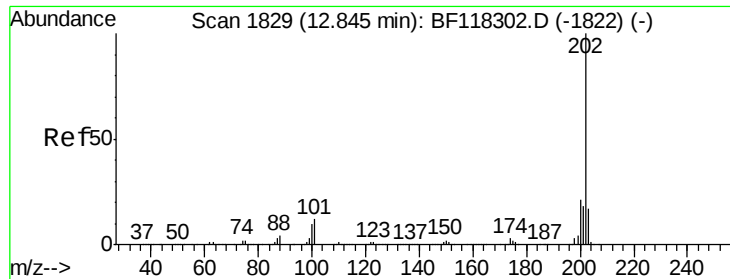
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

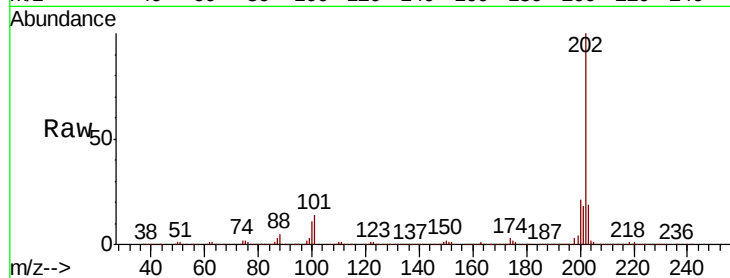




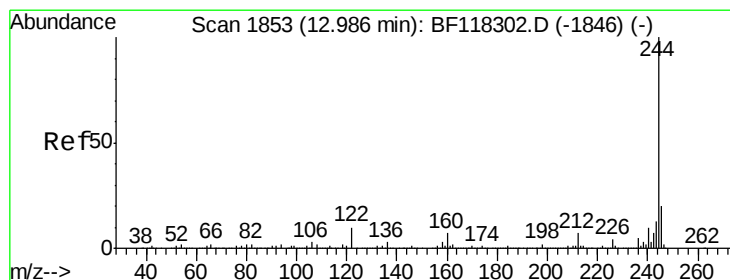
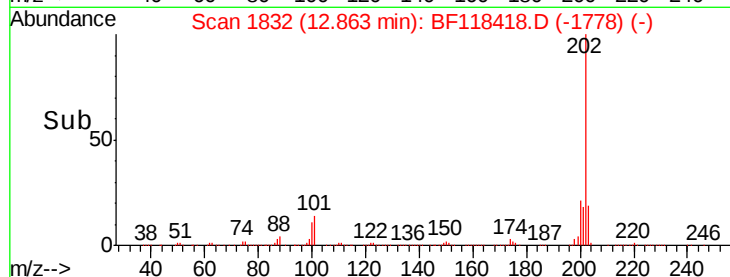
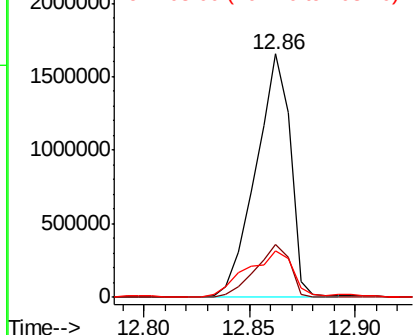
#78
Pvrene
Concen: 128.766 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.02 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1877212
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 19.1 13.9 20.9

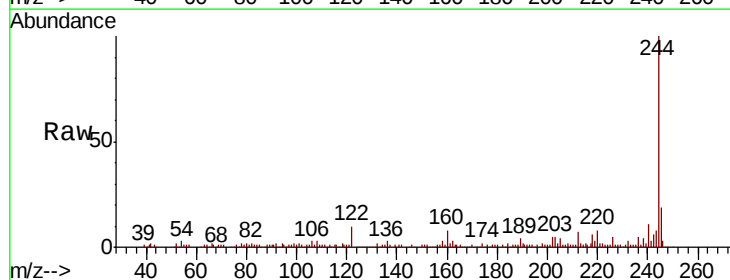


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

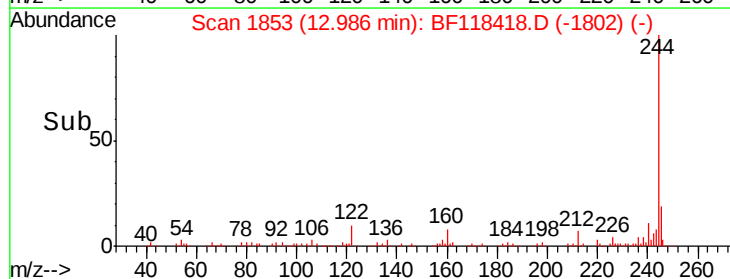
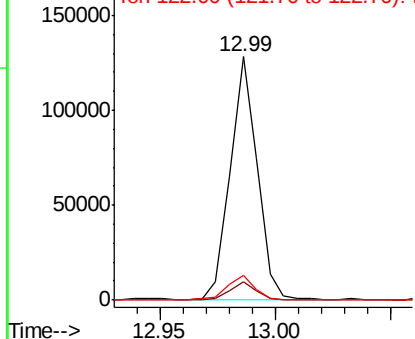


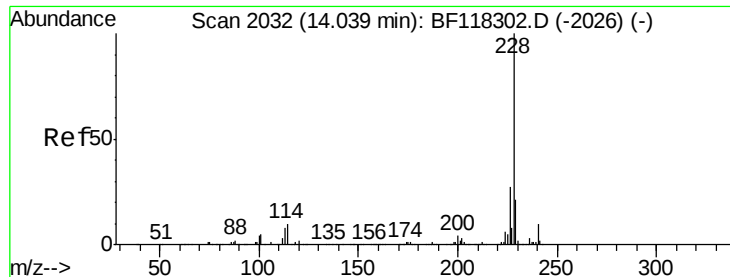
#79
Terphenyl-d14
Concen: 9.780 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Tgt Ion:244 Resp: 105239
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.0 7.8 11.8



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

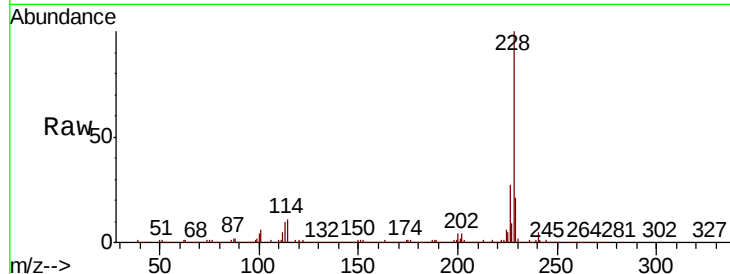




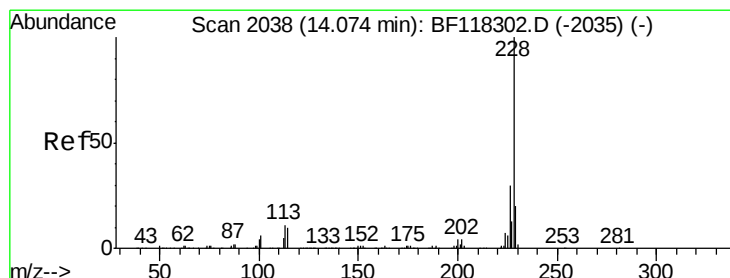
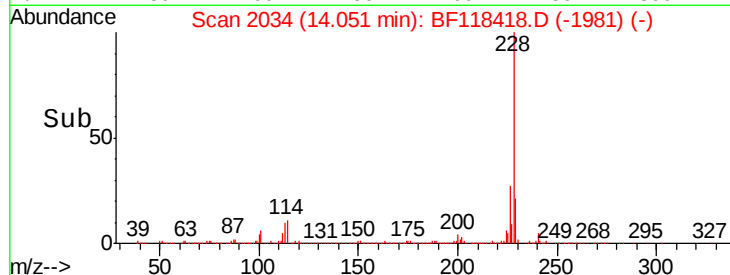
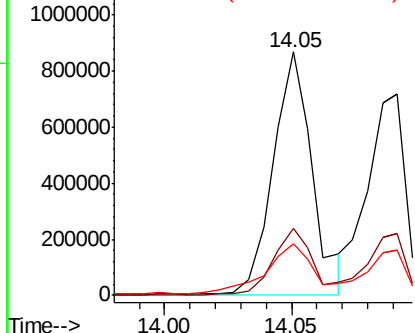
#81
Benzo(a)anthracene
Concen: 74.627 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 932555
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 21.3 16.6 24.8

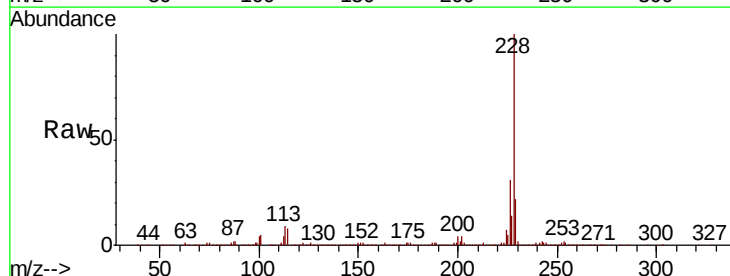


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

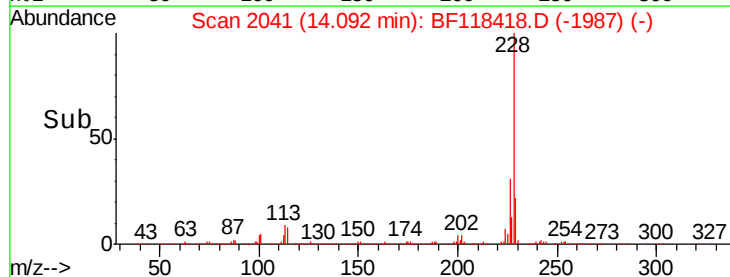
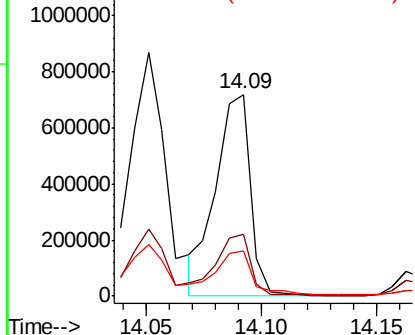


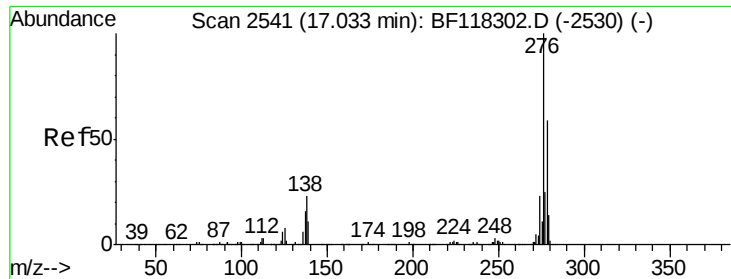
#83
Chrysene
Concen: 62.661 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Tgt Ion:228 Resp: 749768
Ion Ratio Lower Upper
228 100
226 30.9 23.9 35.9
229 22.2 16.1 24.1



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

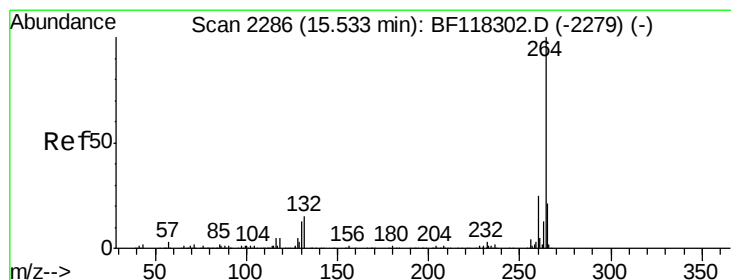
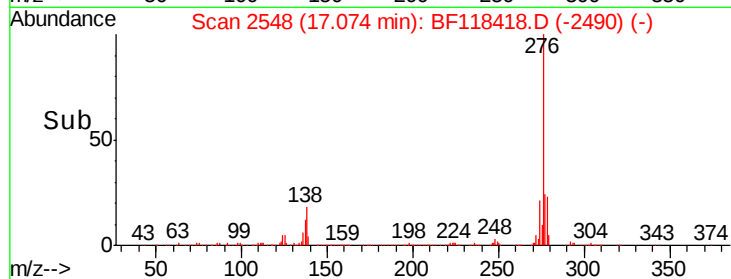
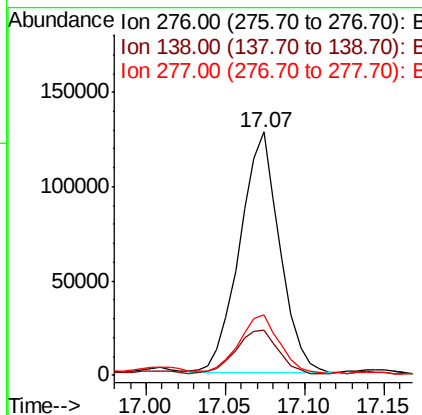
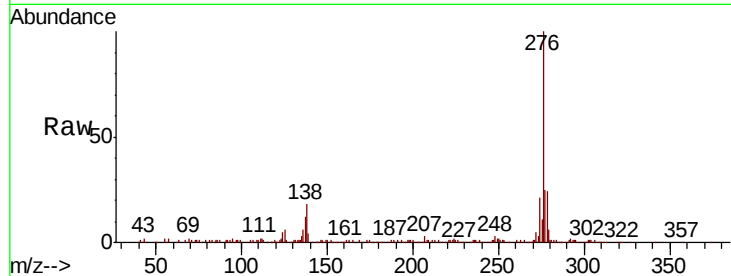




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 21.720 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. 0.04 min
 Lab File: BF118418.D
 Acq: 31 Dec 2019 21:16

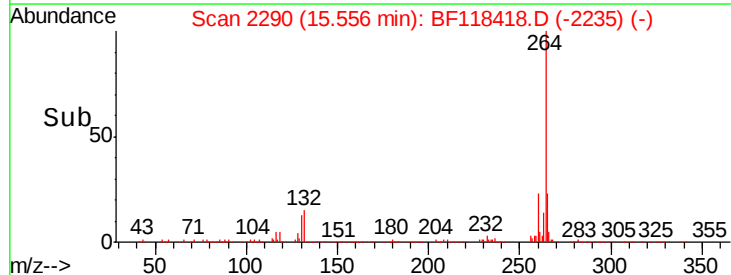
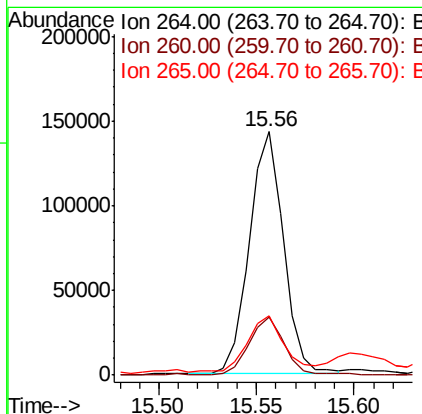
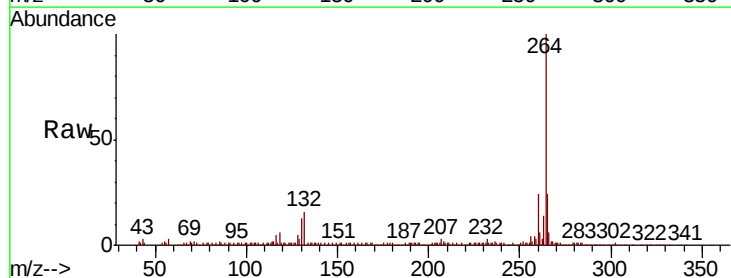
Instrument :
 BNA_F
 ClientSampleId :

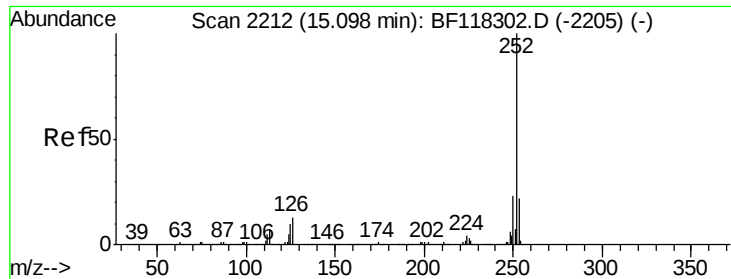
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	19.5	29.3#
277	25.4	20.6	30.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.02 min
 Lab File: BF118418.D
 Acq: 31 Dec 2019 21:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	24.2	17.0	25.4

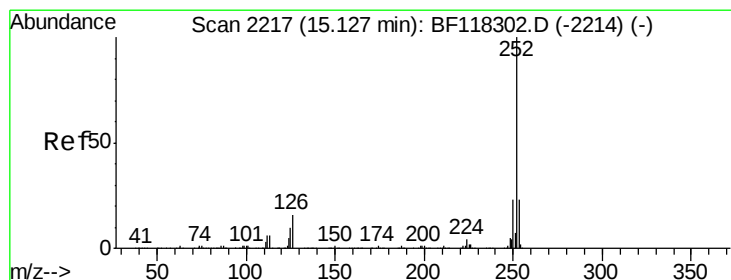
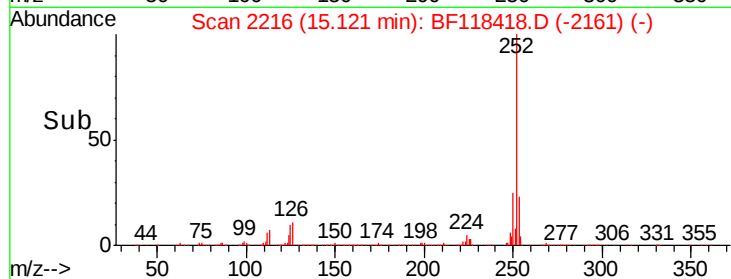
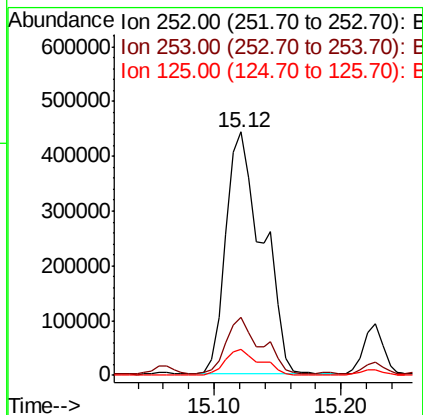
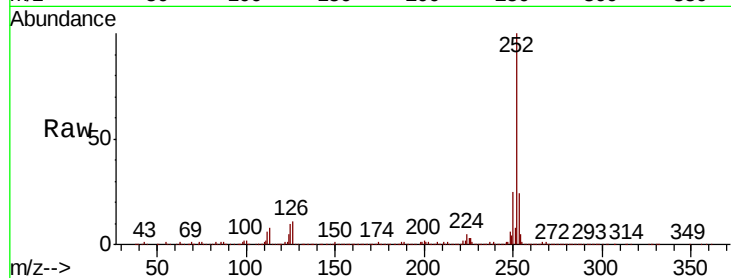




#88
Benzo(b)fluoranthene
Concen: 76.764 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.02 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

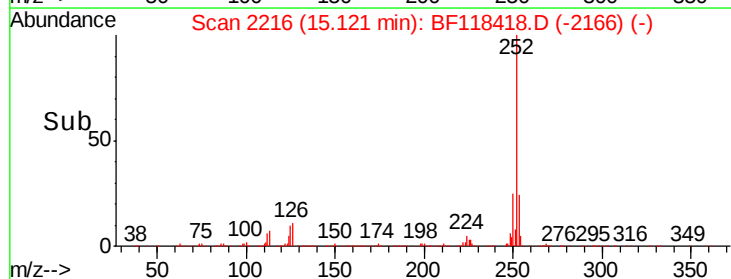
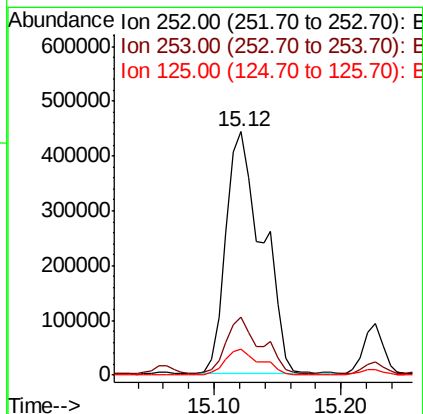
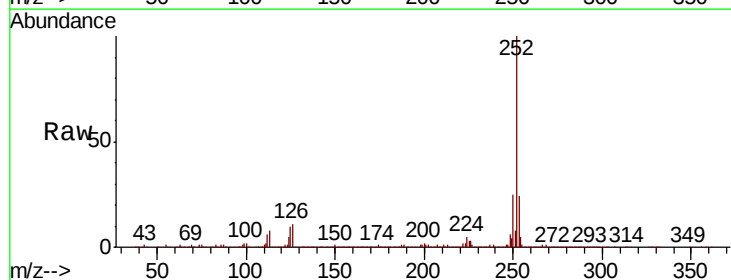
Instrument :
BNA_F
ClientSampleId :

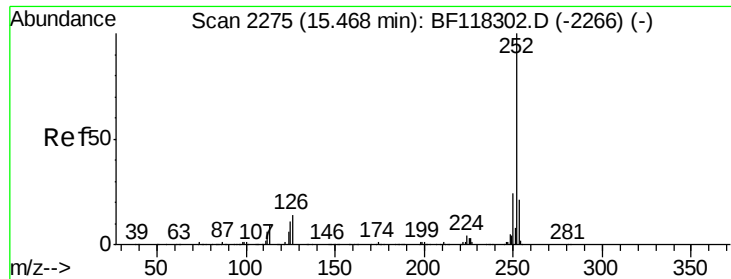
Tot Ion:252 Resp: 885269
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 10.5 7.7 11.5



#89
Benzo(k)fluoranthene
Concen: 79.948 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Tgt Ion:252 Resp: 885269
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 10.5 8.0 12.0

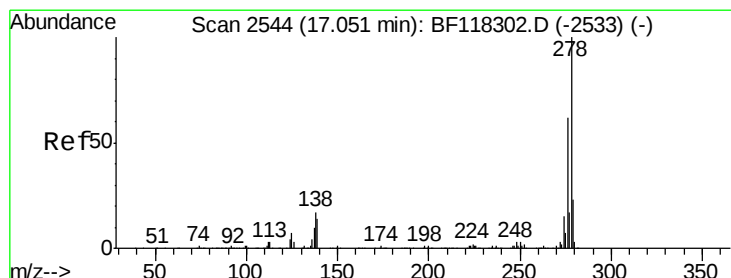
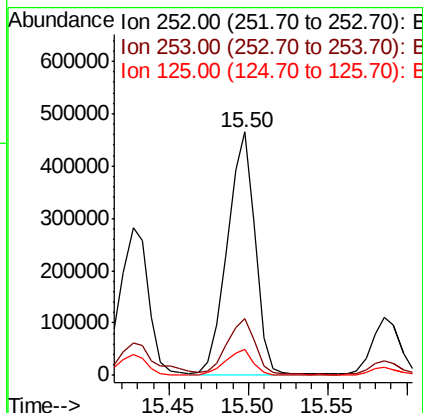
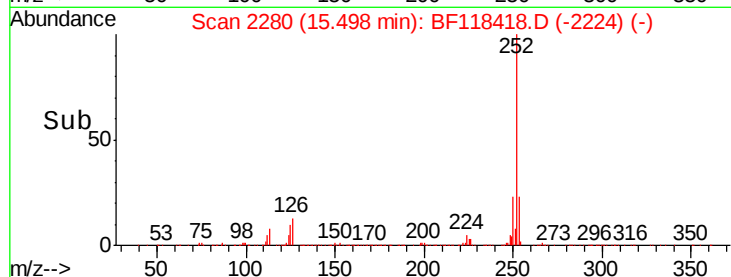
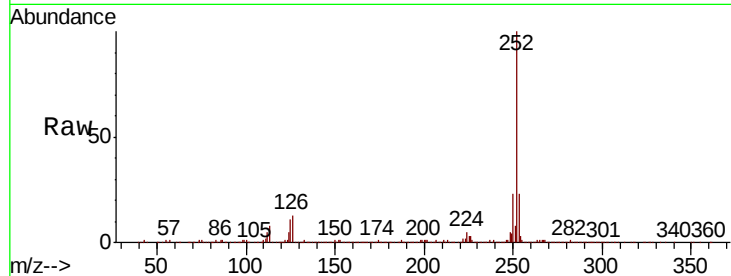




#90
Benzo(a)pyrene
Concen: 55.270 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.03 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

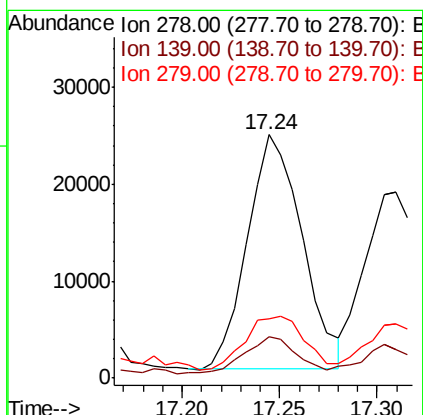
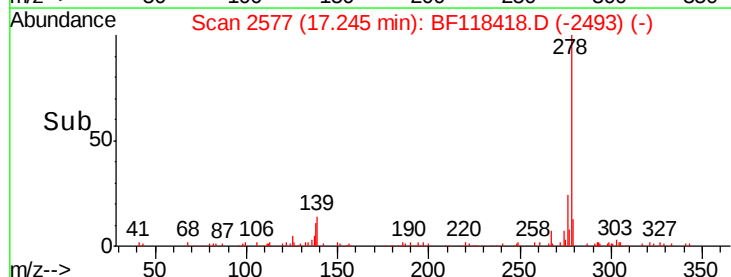
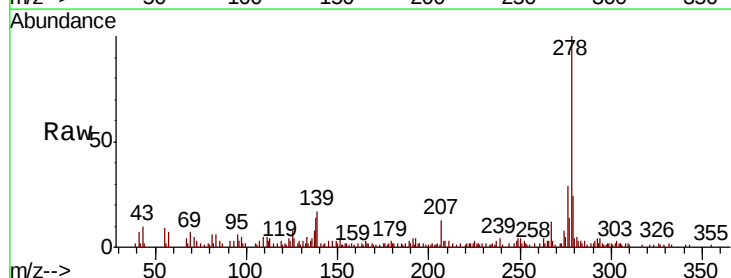
Instrument :
BNA_F
ClientSampleId :

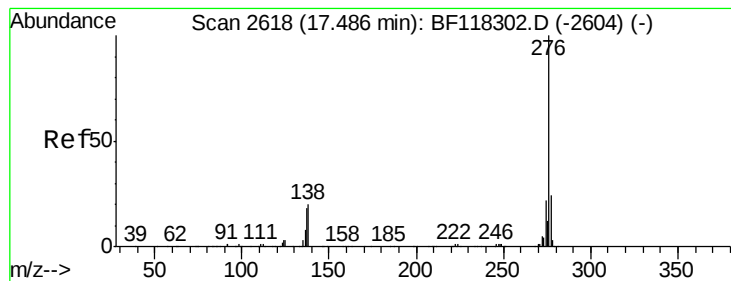
Tot Ion:252 Resp: 561490
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 10.7 9.0 13.4



#91
Dibenzo(a,h)anthracene
Concen: 5.290 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.19 min
Lab File: BF118418.D
Acq: 31 Dec 2019 21:16

Tgt Ion:278 Resp: 46638
Ion Ratio Lower Upper
278 100
139 16.9 11.5 17.3
279 24.2 18.3 27.5





#92

Benzo(a,h,i)perylene

Concen: 24.871 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.05 min

Lab File: BF118418.D

Acq: 31 Dec 2019 21:16

Instrument :

BNA_F

ClientSampleId :

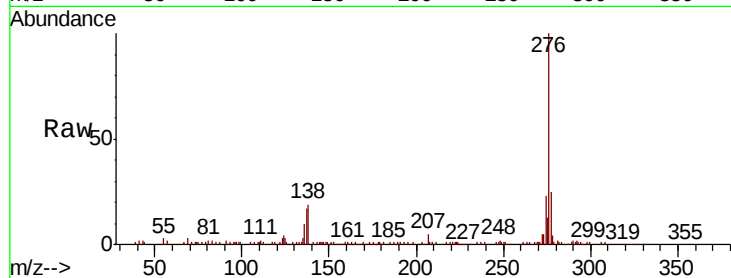
Tot Ion: 276 Resp: 211805

Ion Ratio Lower Upper

276 100

277 24.7 19.1 28.7

138 19.4 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

