

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118546.D
 Acq On : 13 Jan 2020 22:30
 Operator : JU
 Sample : L1103-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 10:30:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	133375	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	513353	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	262942	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	383789	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	319395	20.00	ng	-0.02
87) Perylene-d12	15.50	264	318687	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	374276	46.32	ng	-0.01
7) Phenol-d6	6.46	99	474160	49.09	ng	-0.02
23) Nitrobenzene-d5	7.38	82	263923	27.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	133714	43.10	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	561166	30.61	ng	-0.03
79) Terphenyl-d14	12.95	244	550649	27.32	ng	-0.02

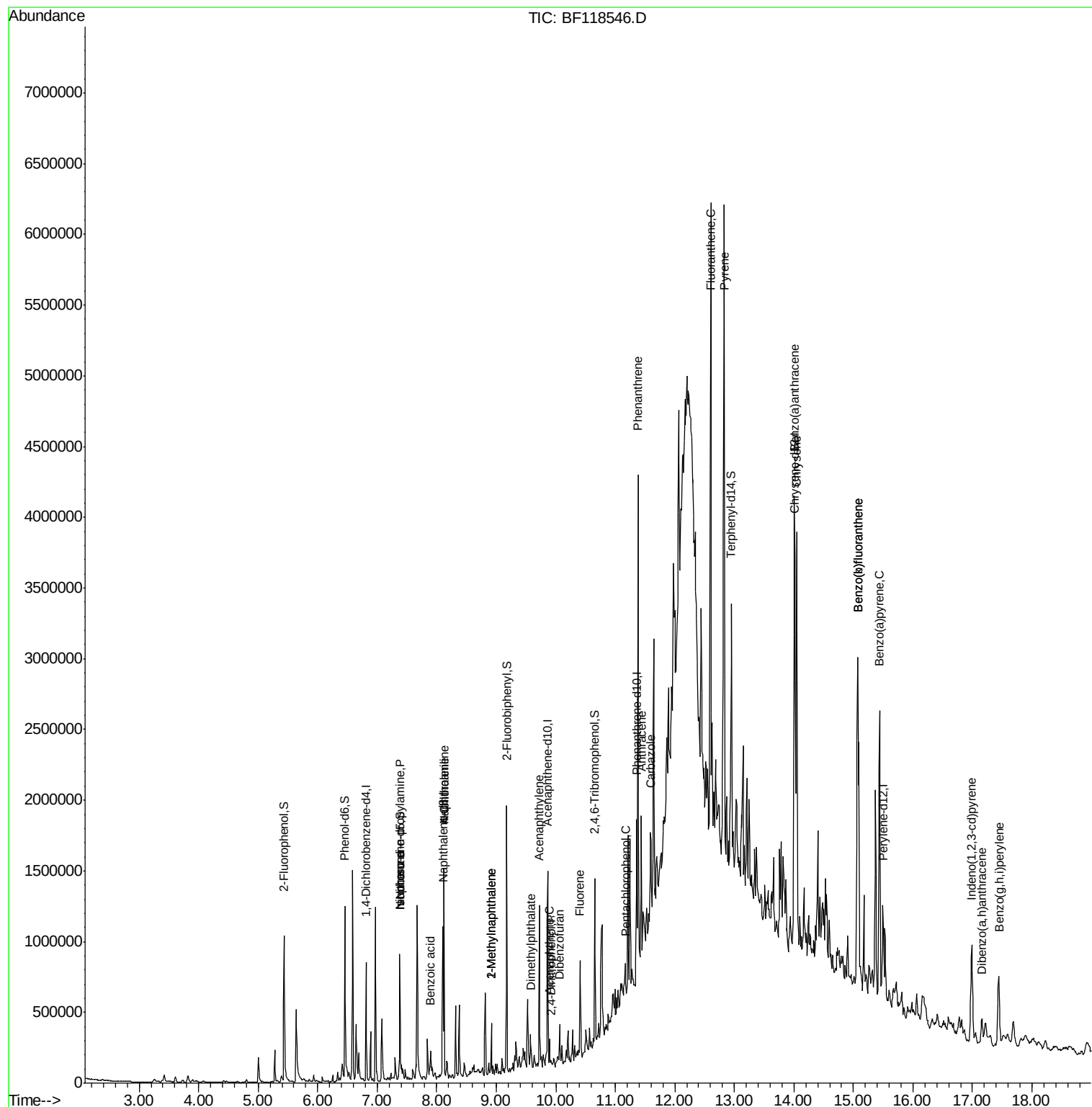
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.38	70	34893	5.608	ng	# 73
25) Isophorone	7.38	82	260395	16.633	ng	# 63
31) Naphthalene	8.12	128	582396	21.689	ng	99
32) Benzoic acid	7.90	122	9463	8.324	ng	# 33
33) 4-Chloroaniline	8.12	127	77108	6.975	ng	# 34
37) 2-Methylnaphthalene	8.92	142	76366	4.144	ng	97
38) 1-Methylnaphthalene	8.92	142	76366	4.413	ng	# 99
49) Acenaphthylene	9.72	152	453988	17.936	ng	99
50) Dimethylphthalate	9.57	163	63764	3.160	ng	97
52) Acenaphthene	9.89	154	34101	2.206	ng	99
54) 2,4-Dinitrophenol	9.92	184	3116	6.407	ng	# 48
55) Dibenzofuran	10.07	168	91092	3.924	ng	96
58) Fluorene	10.41	166	171014	9.164	ng	100
70) Pentachlorophenol	11.18	266	114	4.147	ng	# 19
71) Phenanthrene	11.39	178	1246393	57.974	ng	99
72) Anthracene	11.43	178	372147	17.399	ng	99
73) Carbazole	11.59	167	45465	2.454	ng	# 85
75) Fluoranthene	12.60	202	2004427	91.727	ng	98
77) Benzidine	12.69	184	1671	Below Cal		# 1
78) Pyrene	12.83	202	1896977	72.188	ng	98
81) Benzo(a)anthracene	14.01	228	1341164	59.991	ng	97
83) Chrysene	14.04	228	1084950	49.942	ng	95
86) Indeno(1,2,3-cd)pyrene	16.99	276	419534	23.987	ng	95
88) Benzo(b)fluoranthene	15.07	252	1967356	85.386	ng	# 96
89) Benzo(k)fluoranthene	15.07	252	1967356	89.455	ng	# 95
90) Benzo(a)pyrene	15.44	252	961146	50.904	ng	99
91) Dibenzo(a,h)anthracene	17.16	278	102568	5.793	ng	95
92) Benzo(g,h,i)perylene	17.44	276	392935	23.423	ng	98

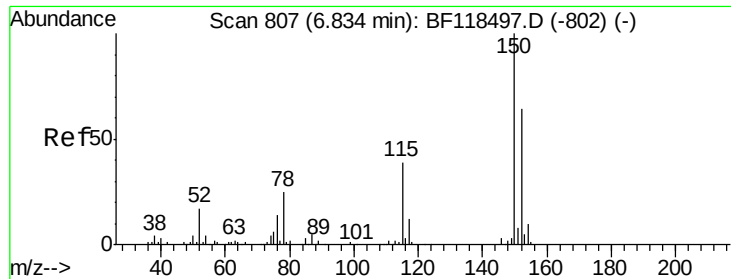
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118546.D
Acq On : 13 Jan 2020 22:30
Operator : JU
Sample : L1103-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 14 10:30:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration



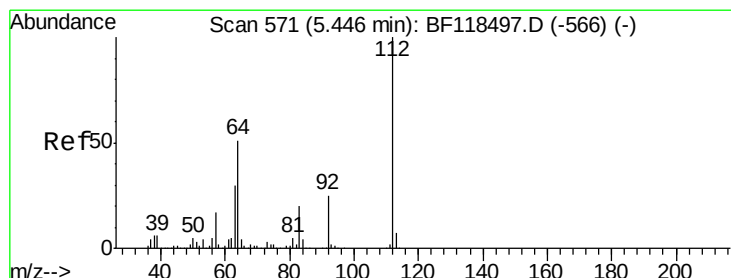
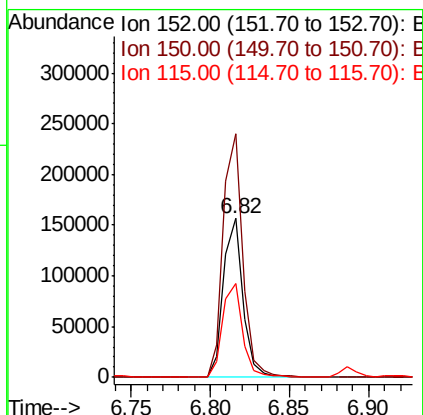
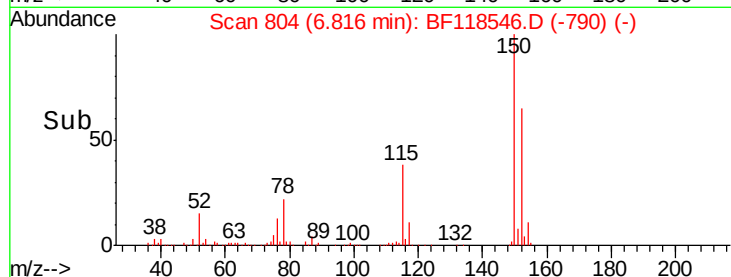
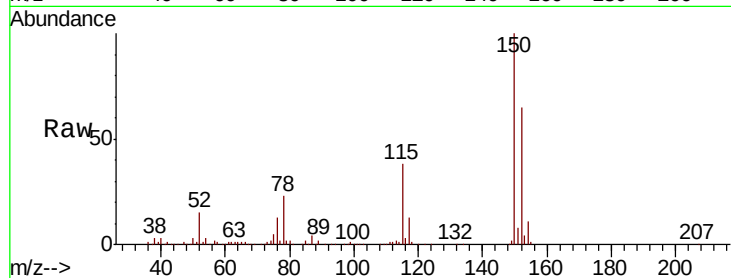


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Instrument :
BNA_F
ClientSampleId :

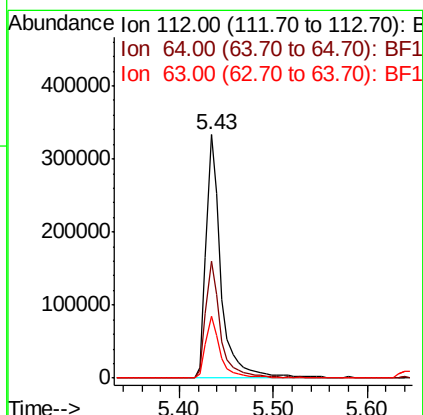
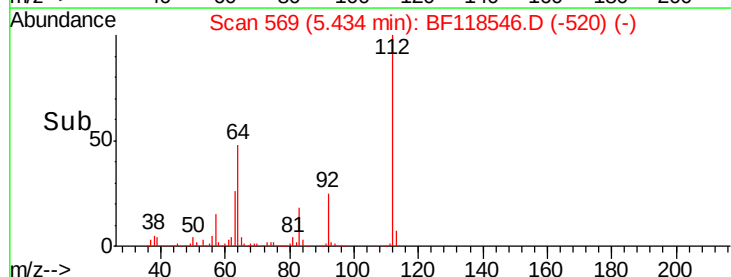
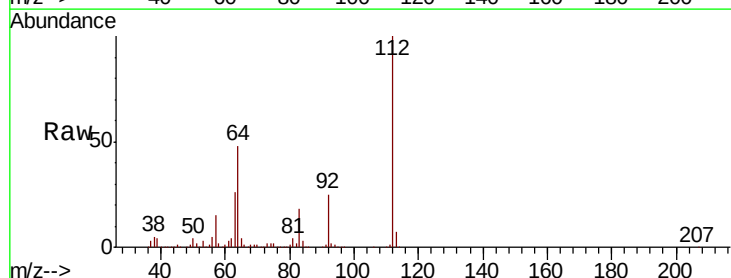
Tot Ion:152 Resp: 133375
Ion Ratio Lower Upper
152 100
150 153.6 124.7 187.1
115 59.1 49.0 73.6

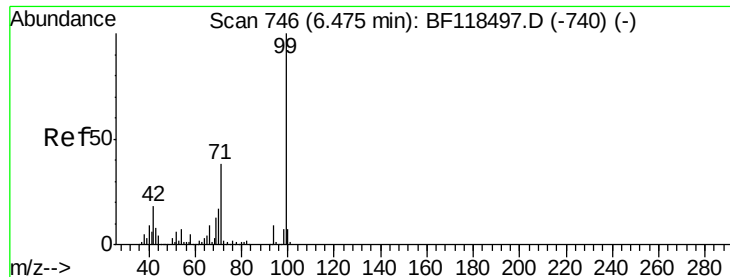


#5

2-Fluorophenol
Concen: 46.323 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Tgt Ion:112 Resp: 374276
Ion Ratio Lower Upper
112 100
64 48.2 41.1 61.7
63 25.6 24.1 36.1





#7

Phenol-d6

Concen: 49.086 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

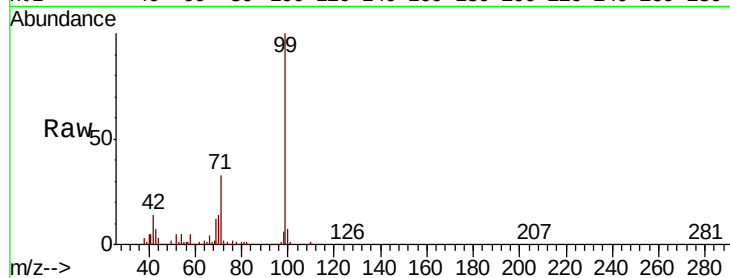
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 474160

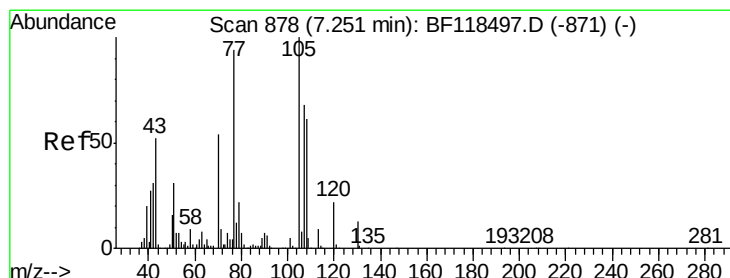
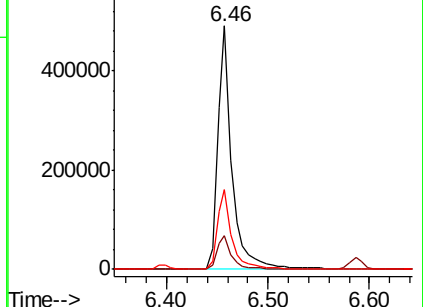
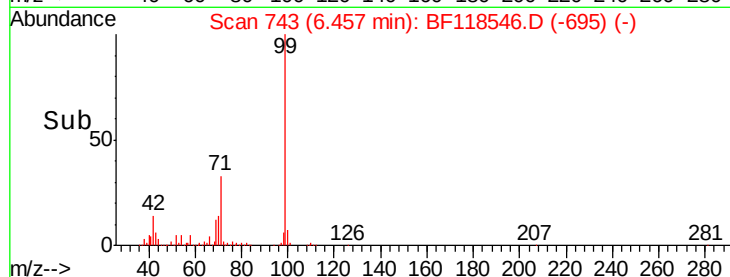
Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	32.9	30.6	45.8



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: 5.608 ng

RT: 7.38 min Scan# 900

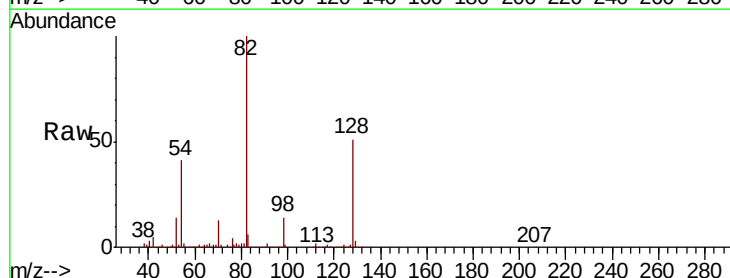
Delta R.T. 0.13 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

Tgt Ion: 70 Resp: 34893

Ion	Ratio	Lower	Upper
70	100		
42	41.5	45.6	68.4#
101	0.0	8.2	12.2#
130	3.1	19.2	28.8#

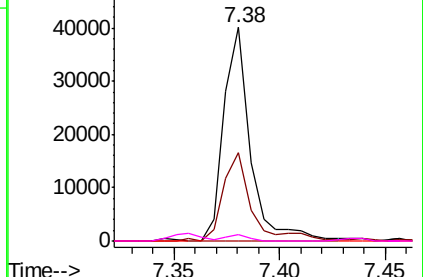
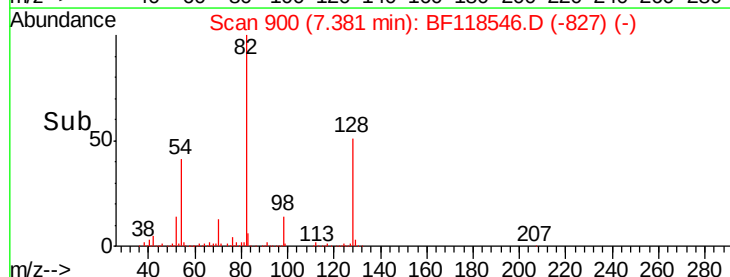


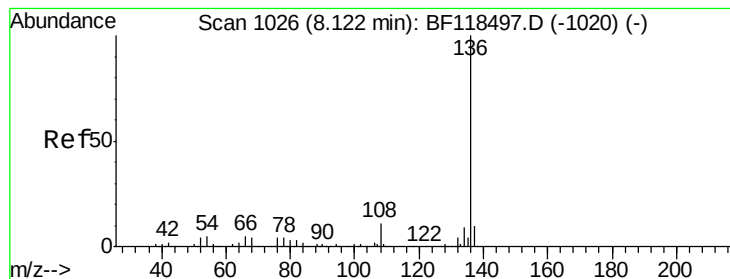
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 513353

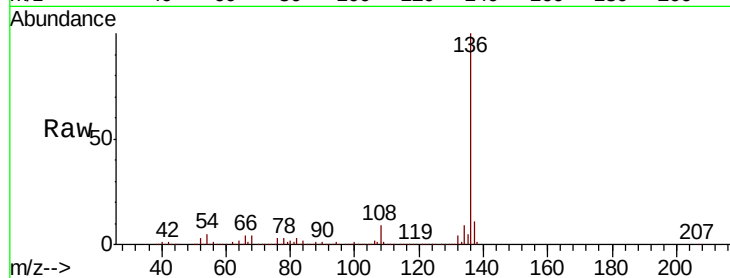
Ion Ratio Lower Upper

136 100

137 10.8 8.3 12.5

54 4.9 4.2 6.2

68 4.4 3.3 4.9

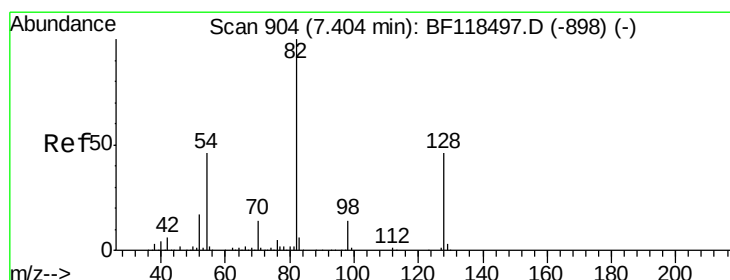
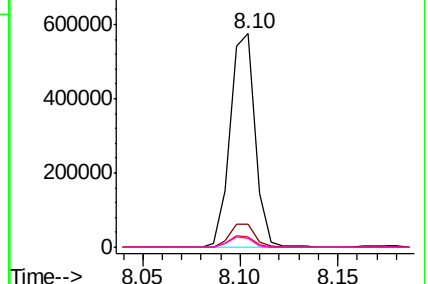
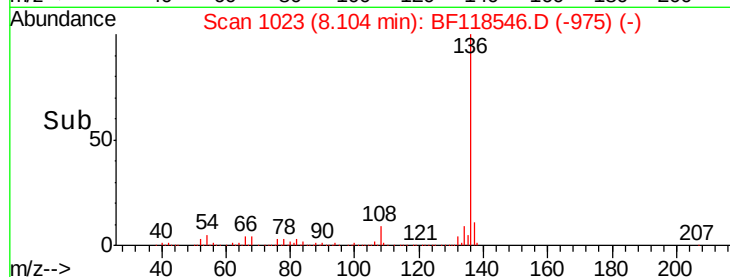


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 27.007 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

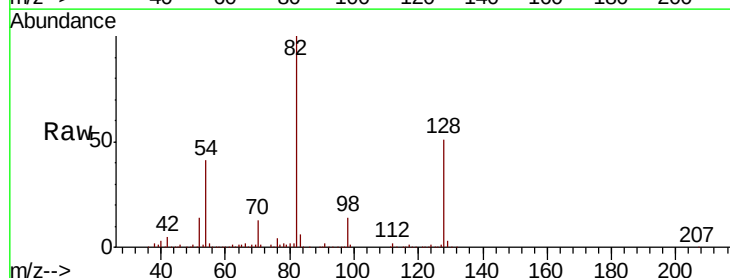
Tgt Ion: 82 Resp: 263923

Ion Ratio Lower Upper

82 100

128 51.4 36.6 54.8

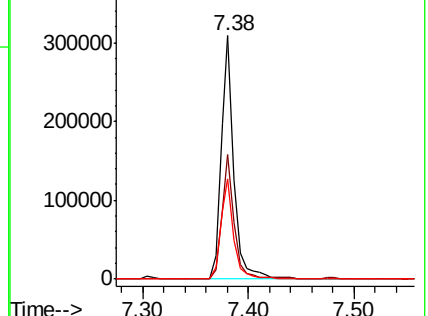
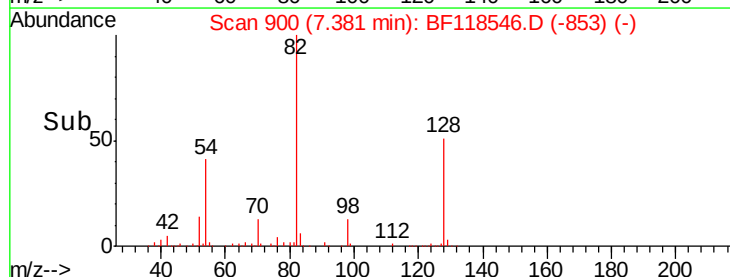
54 41.1 37.0 55.6

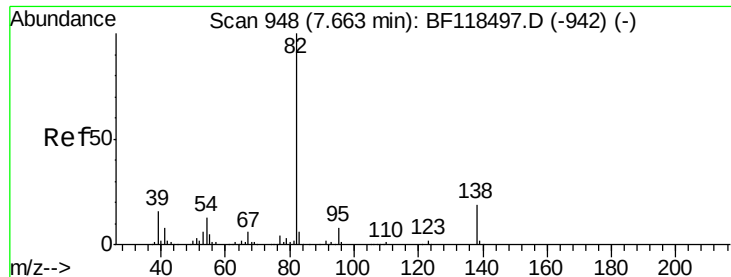


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 16.633 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.28 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

Instrument :

BNA_F

ClientSampleId :

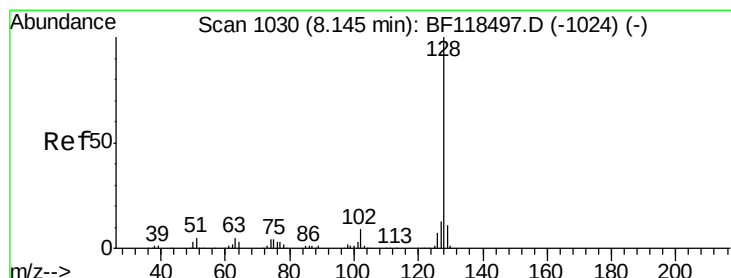
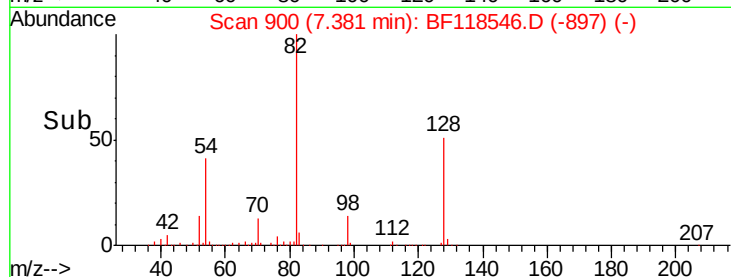
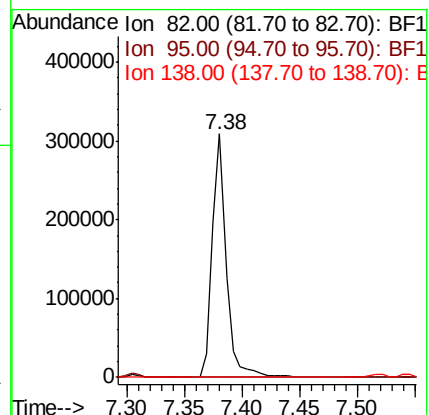
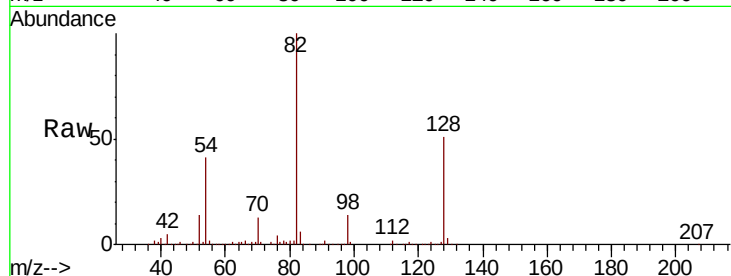
Tot Ion: 82 Resp: 260395

Ion Ratio Lower Upper

82 100

95 0.1 6.6 9.8#

138 0.0 15.4 23.2#



#31

Naphthalene

Concen: 21.689 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

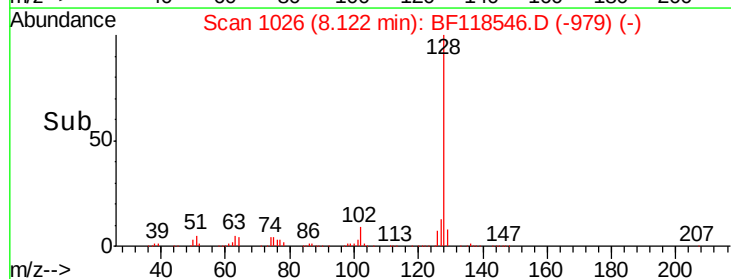
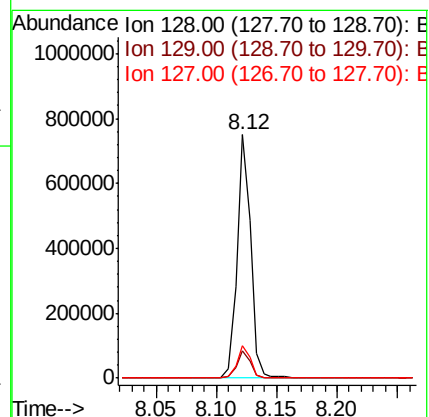
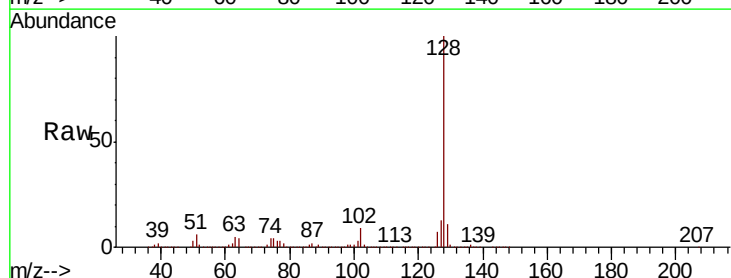
Tgt Ion: 128 Resp: 582396

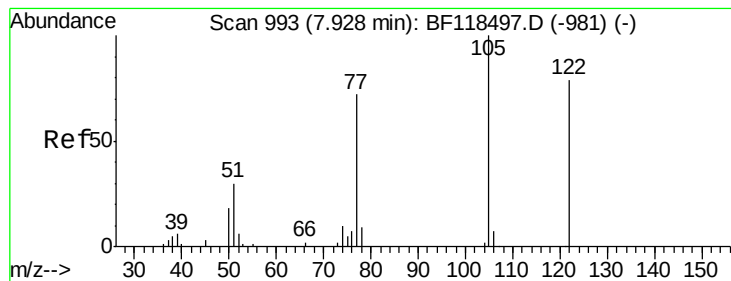
Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

127 13.2 10.7 16.1





#32

Benzoic acid

Concen: 8.324 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

Instrument :

BNA_F

ClientSampleId :

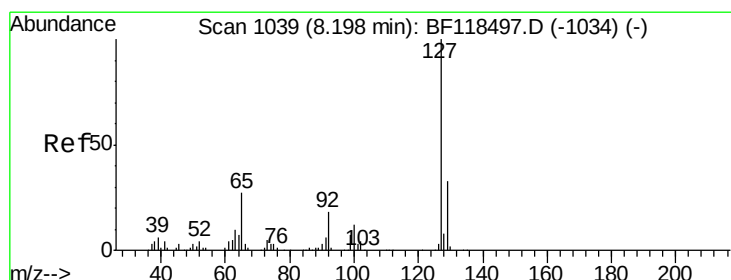
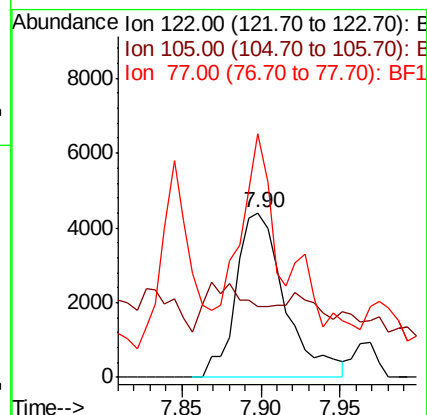
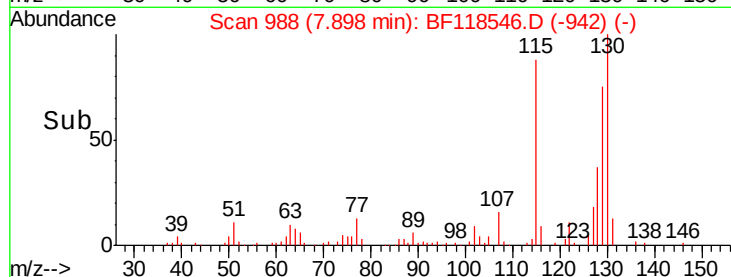
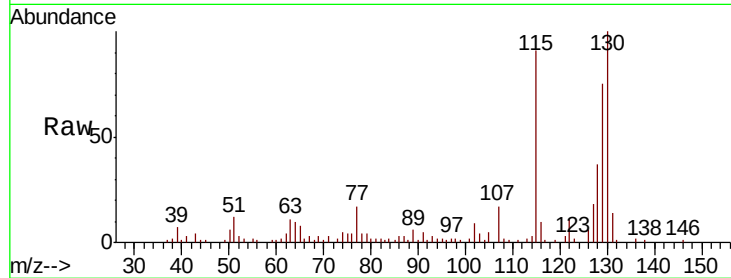
Tot Ion:122 Resp: 9463

Ion Ratio Lower Upper

122 100

105 42.8 105.7 145.7#

77 148.0 71.0 111.0#



#33

4-Chloroaniline

Concen: 6.975 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.08 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

Tgt Ion:127 Resp: 77108

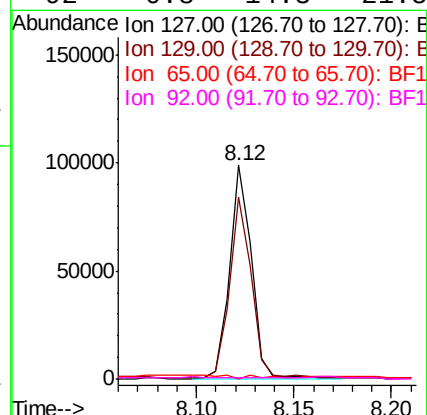
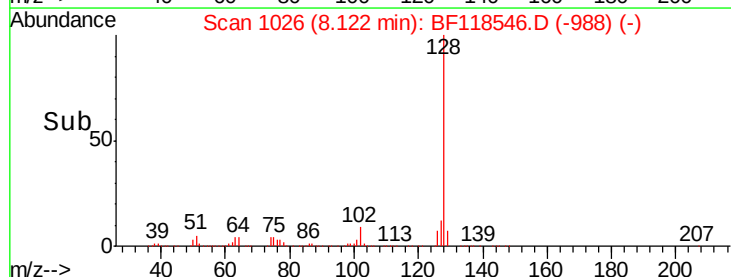
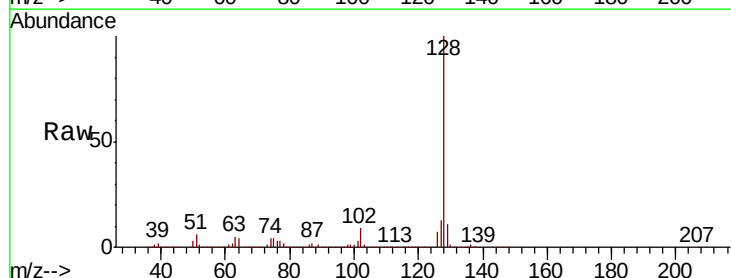
Ion Ratio Lower Upper

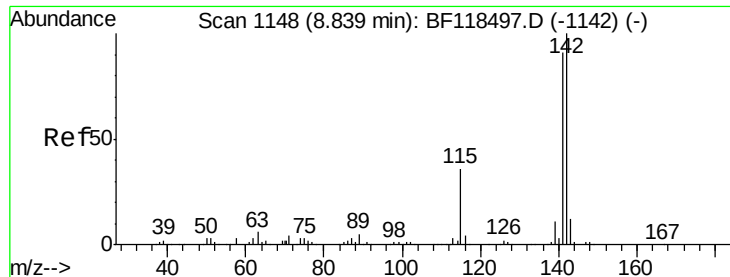
127 100

129 84.8 26.2 39.4#

65 0.0 21.6 32.4#

92 0.8 14.3 21.5#

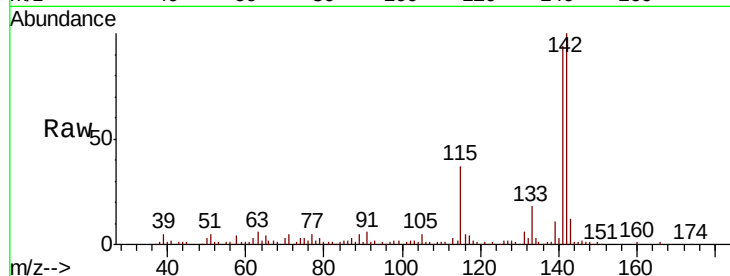




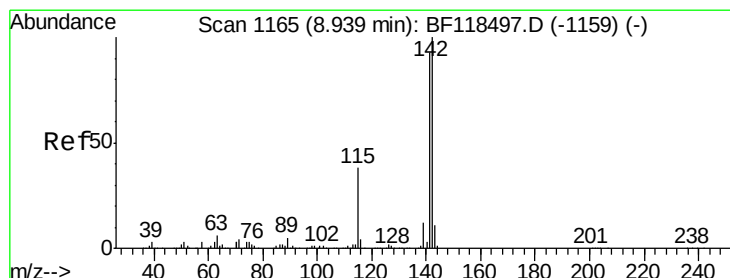
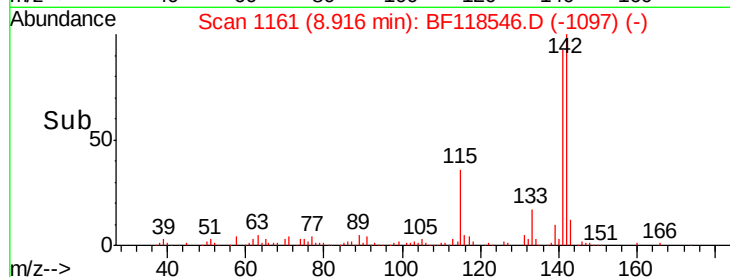
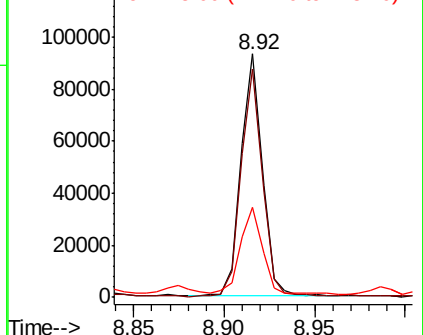
#37
2-Methylnaphthalene
Concen: 4.144 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.08 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 76366
Ion Ratio Lower Upper
142 100
141 93.6 73.0 109.6
115 37.2 28.4 42.6

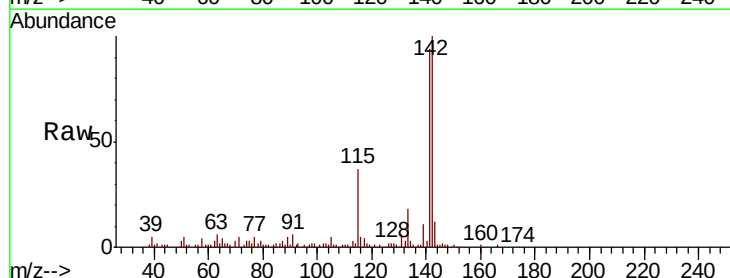


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

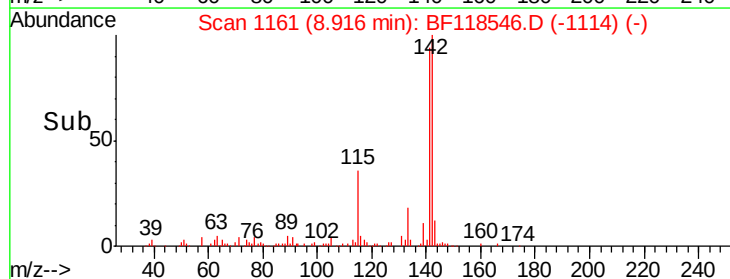
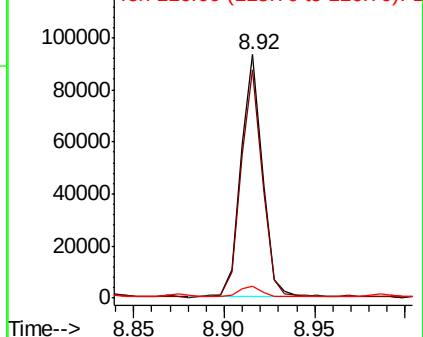


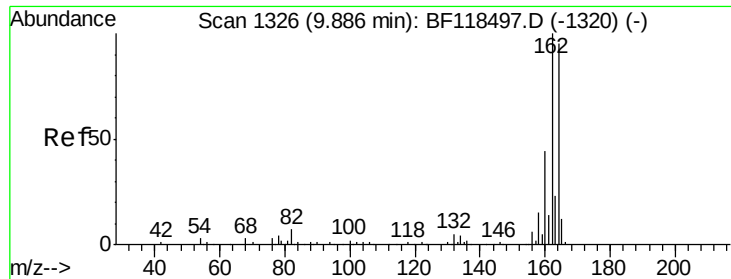
#38
1-Methylnaphthalene
Concen: 4.413 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Tgt Ion:142 Resp: 76366
Ion Ratio Lower Upper
142 100
141 93.6 74.3 111.5
116 5.0 3.2 4.8#



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

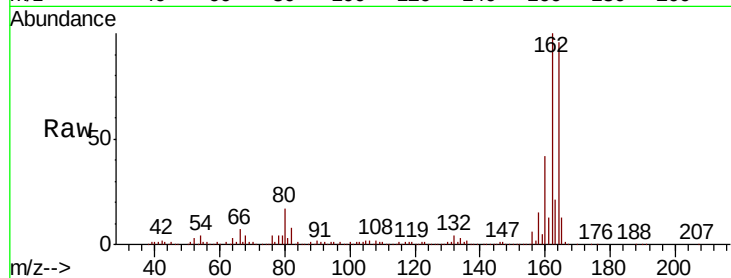




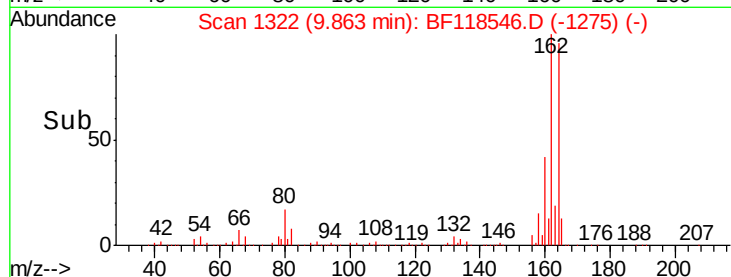
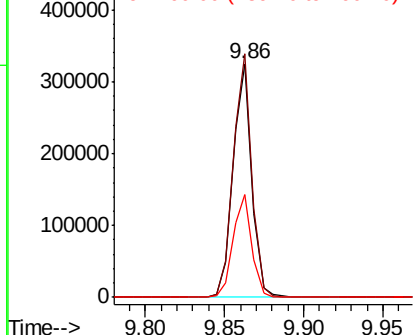
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF118546.D
 Acq: 13 Jan 2020 22:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 262942
 Ion Ratio Lower Upper
 164 100
 162 104.0 84.2 126.4
 160 43.9 36.8 55.2

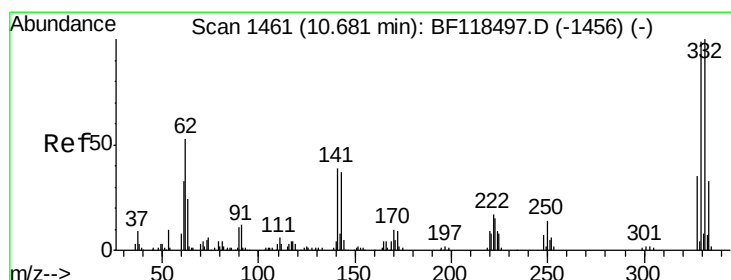


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

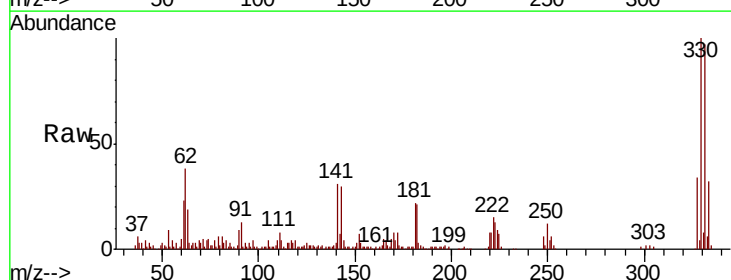
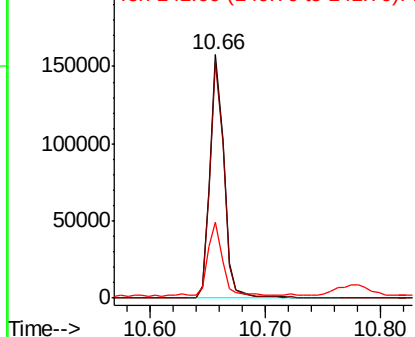


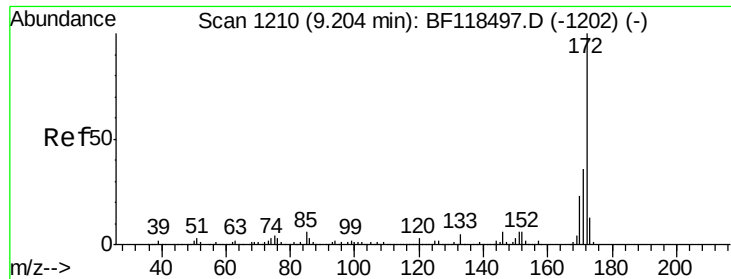
#42
 2,4,6-Tribromophenol
 Concen: 43.096 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF118546.D
 Acq: 13 Jan 2020 22:30

Tgt Ion:330 Resp: 133714
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.9 116.9
 141 31.9 28.6 43.0



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

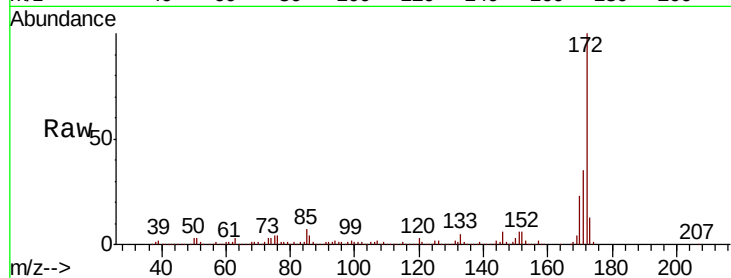




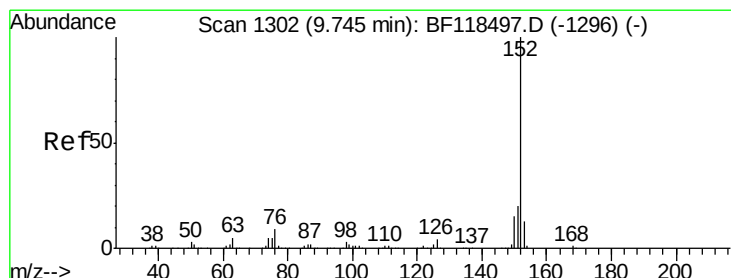
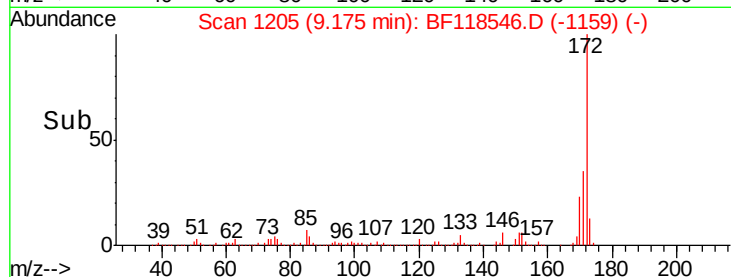
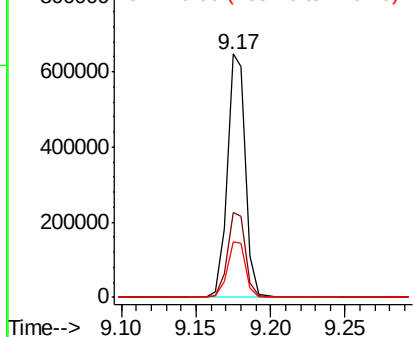
#45
2-Fluorobiphenyl
Concen: 30.608 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 561166
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 22.5 18.6 27.8

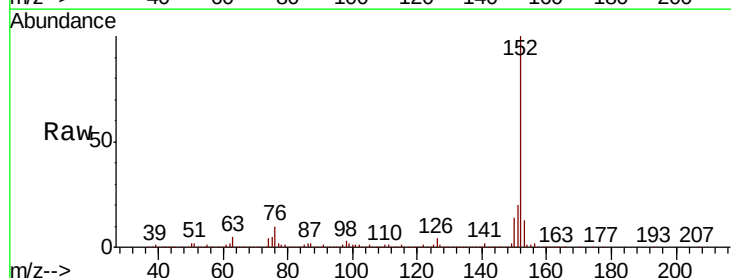


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

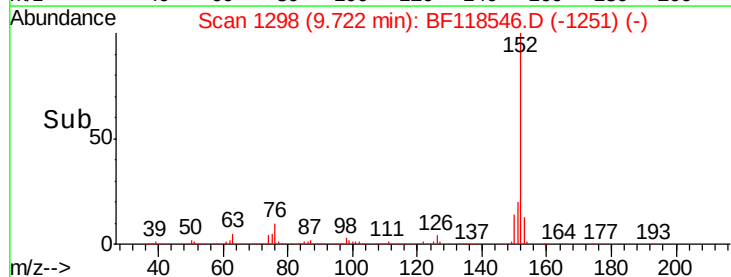
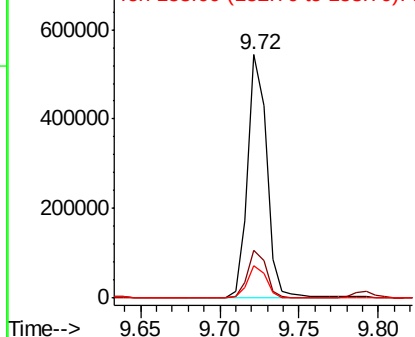


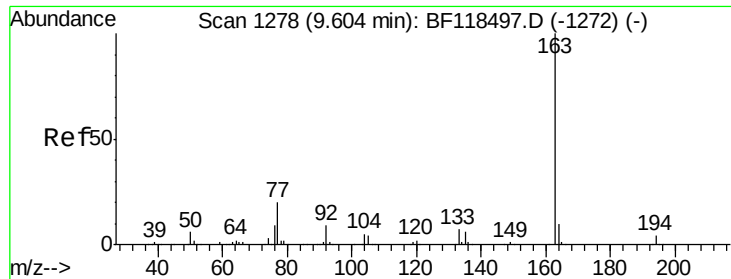
#49
Acenaphthylene
Concen: 17.936 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Tgt Ion:152 Resp: 453988
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.2 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

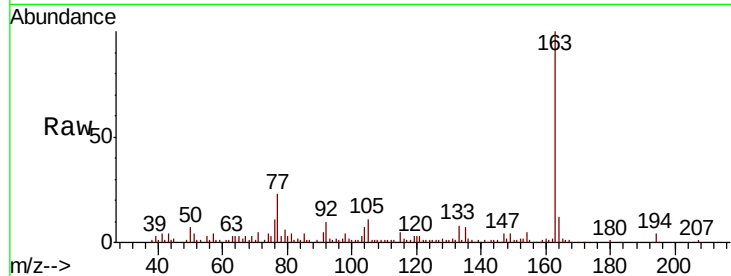




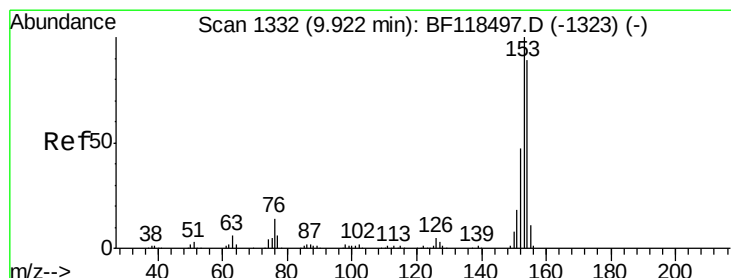
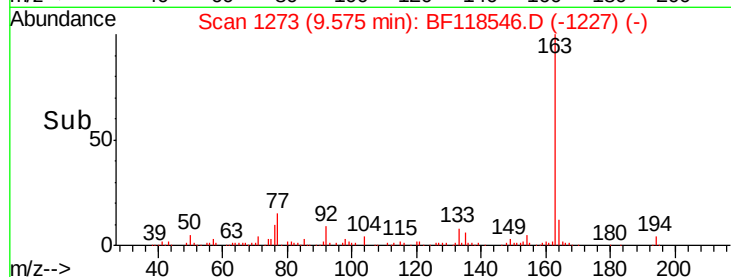
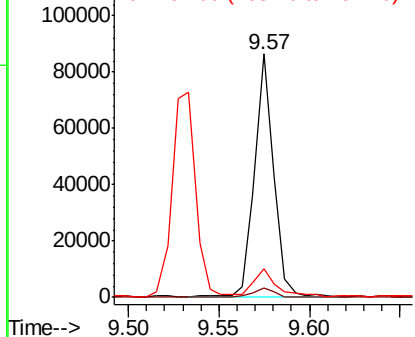
#50
Dimethylphthalate
Concen: 3.160 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 63764
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 11.5 8.1 12.1

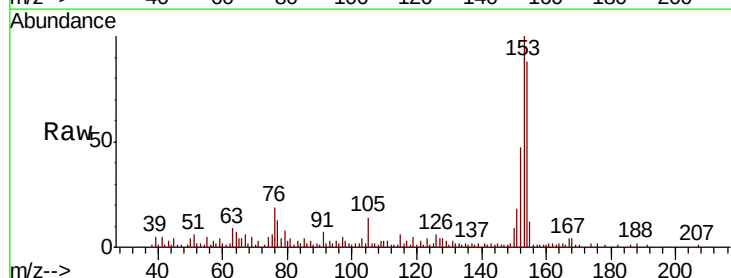


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

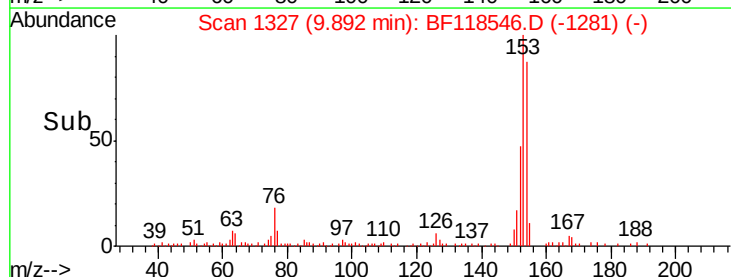
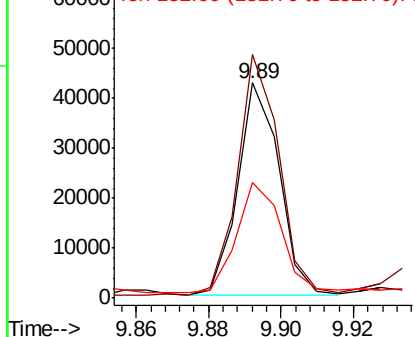


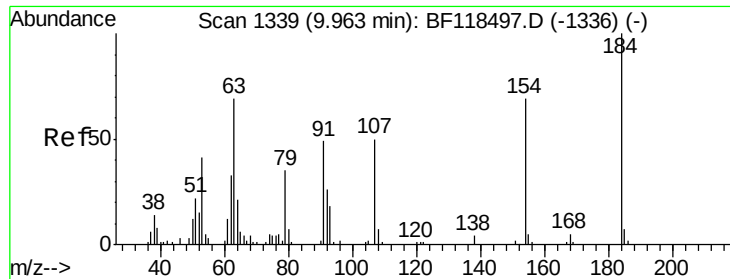
#52
Acenaphthene
Concen: 2.206 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Tgt Ion:154 Resp: 34101
Ion Ratio Lower Upper
154 100
153 113.2 89.7 134.5
152 53.6 41.9 62.9



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





#54

2,4-Dinitrophenol

Concen: 6.407 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.05 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

Instrument :

BNA_F

ClientSampled :

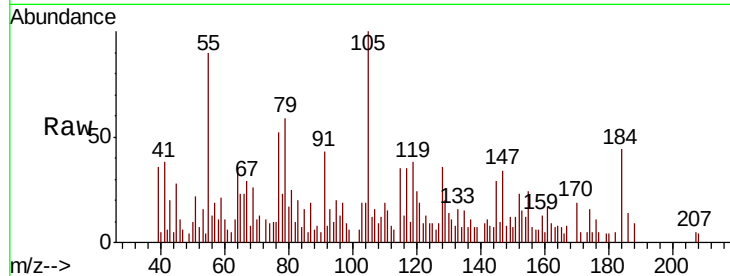
Tot Ion:184 Resp: 3116

Ion Ratio Lower Upper

184 100

63 25.1 55.3 82.9#

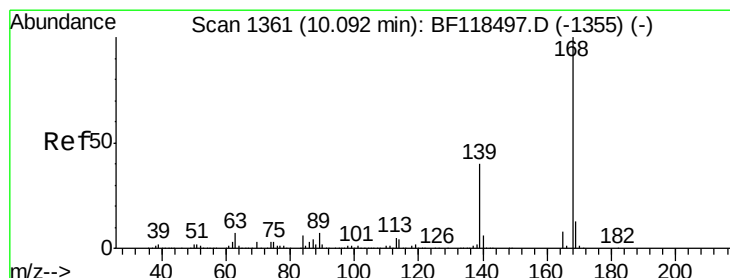
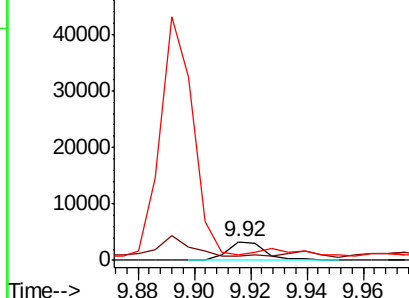
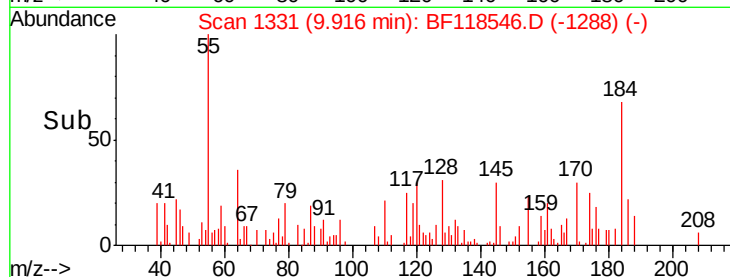
154 27.9 55.0 82.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 3.924 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

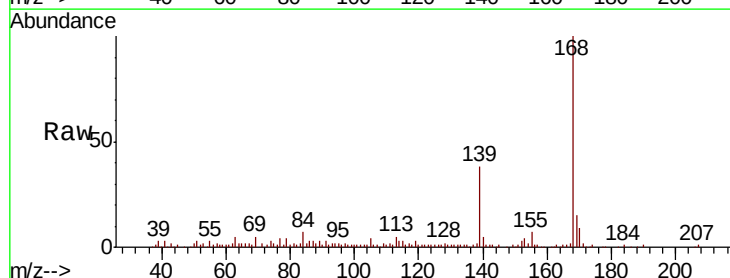
Tgt Ion:168 Resp: 91092

Ion Ratio Lower Upper

168 100

139 37.6 32.5 48.7

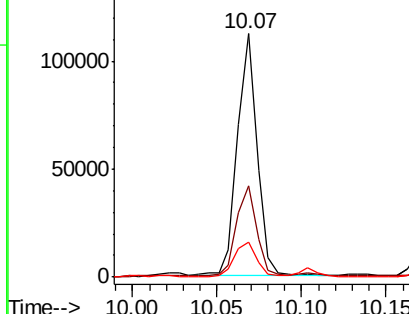
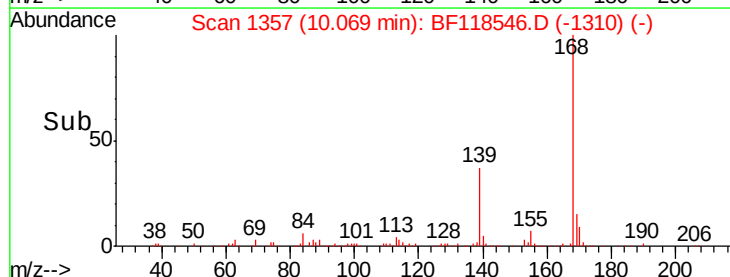
169 14.5 10.6 16.0

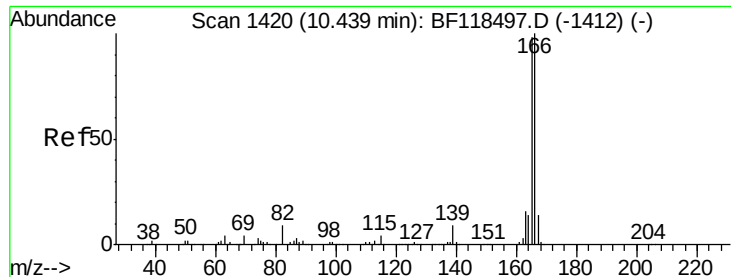


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

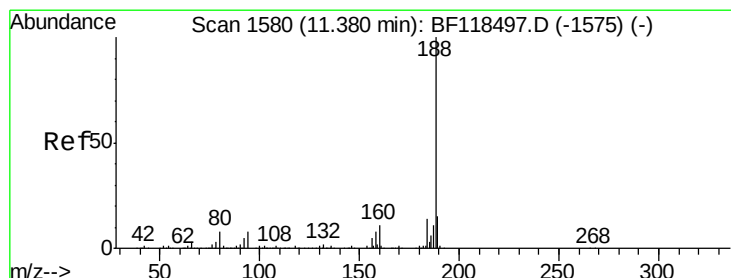
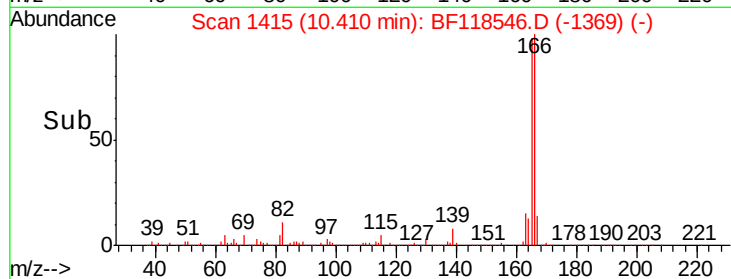
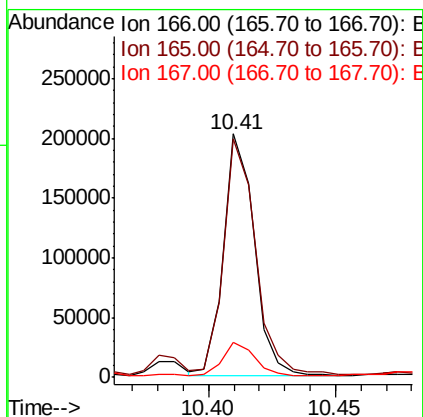
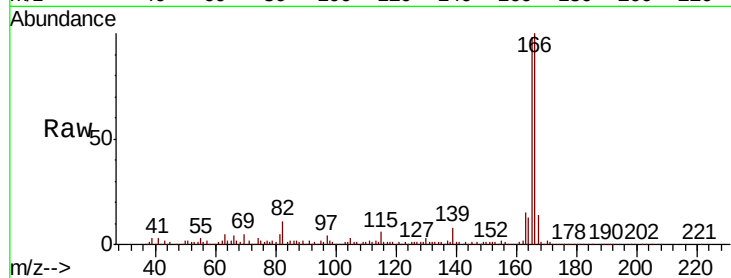




#58
 Fluorene
 Concen: 9.164 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.03 min
 Lab File: BF118546.D
 Acq: 13 Jan 2020 22:30

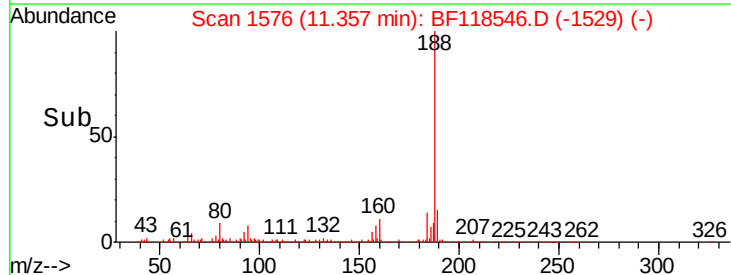
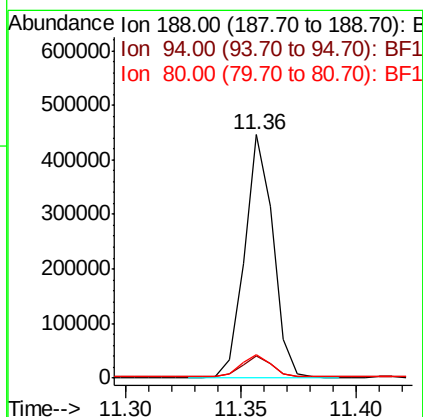
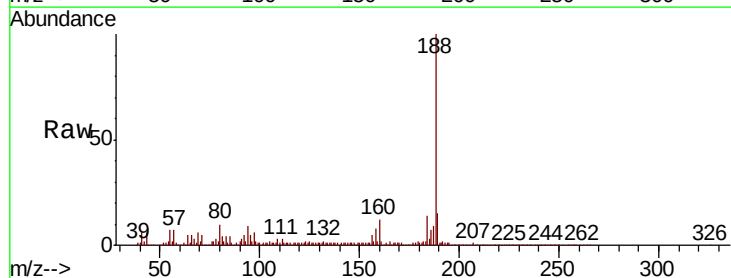
Instrument :
 BNA_F
 ClientSampled :

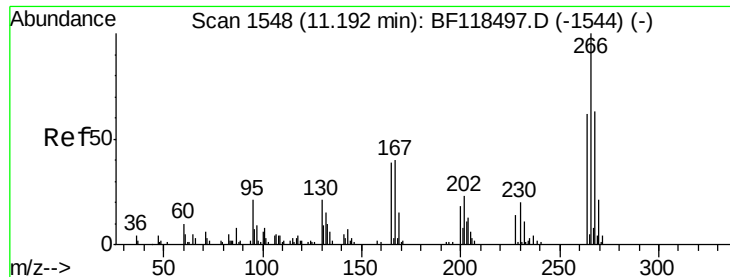
Tot Ion:166 Resp: 171014
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.6 117.8
 167 14.2 10.8 16.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF118546.D
 Acq: 13 Jan 2020 22:30

Tgt Ion:188 Resp: 383789
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.2 9.4
 80 9.8 6.6 10.0

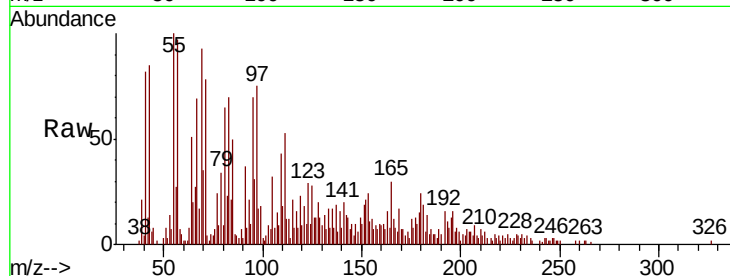




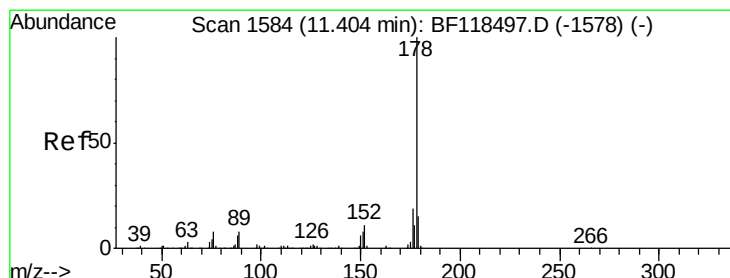
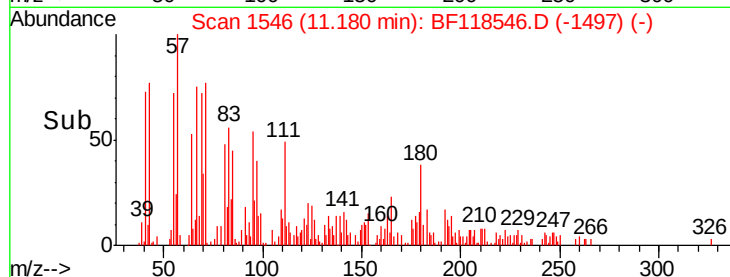
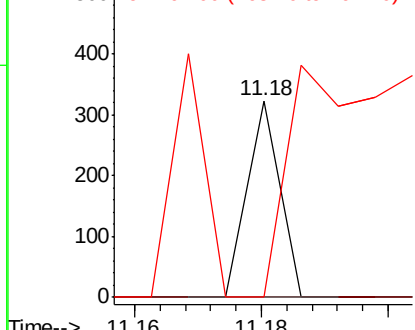
#70
 Pentachlorophenol
 Concen: 4.147 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF118546.D
 Acq: 13 Jan 2020 22:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 114
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.2 75.2#
 264 0.0 49.4 74.0#

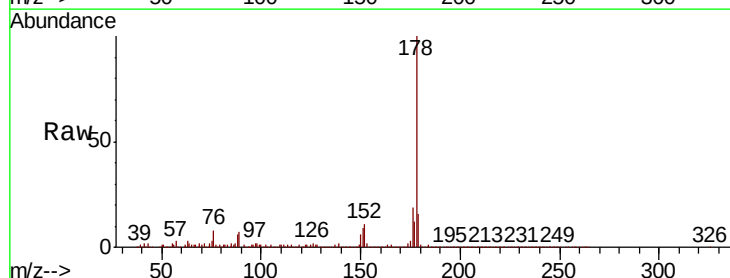


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

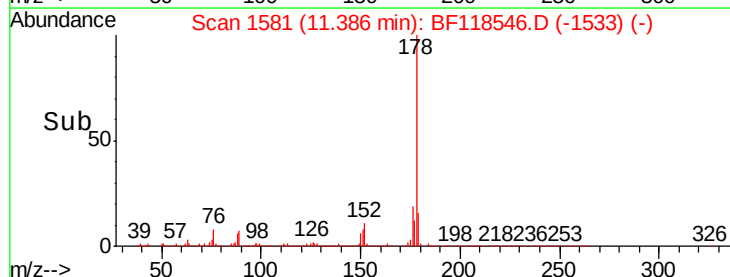
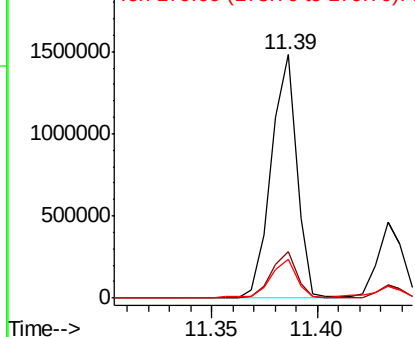


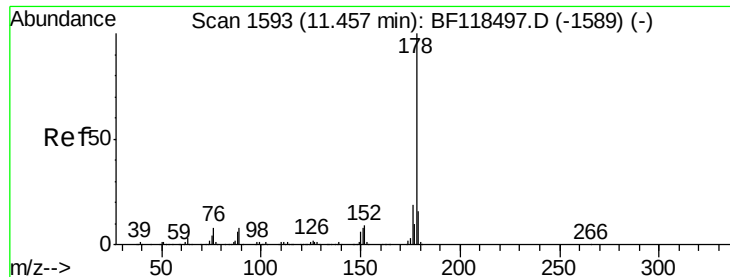
#71
 Phenanthrene
 Concen: 57.974 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF118546.D
 Acq: 13 Jan 2020 22:30

Tgt Ion:178 Resp: 1246393
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 16.0 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: 17.399 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

Instrument :

BNA_F

ClientSampleId :

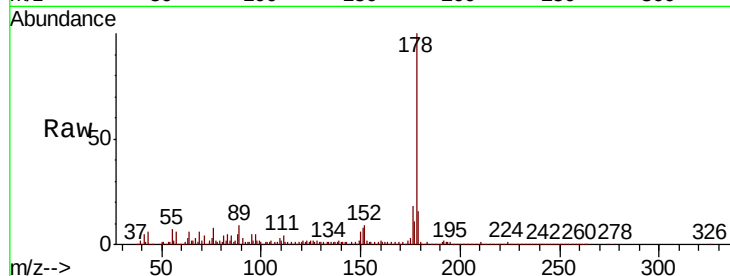
Tot Ion:178 Resp: 372147

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

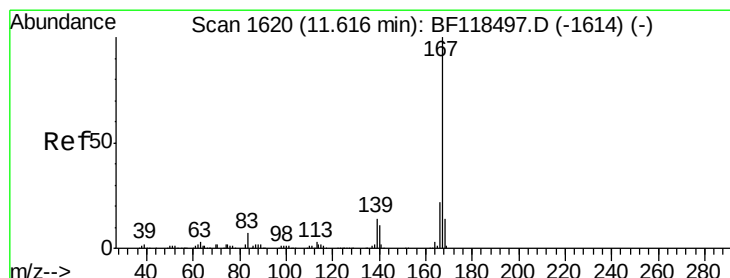
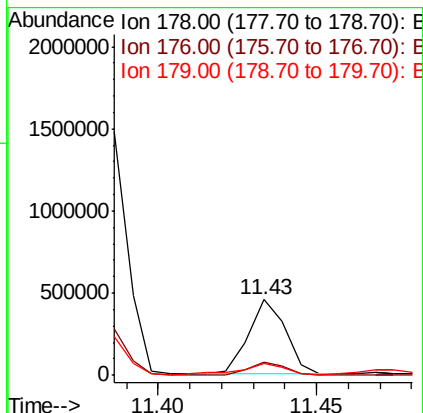
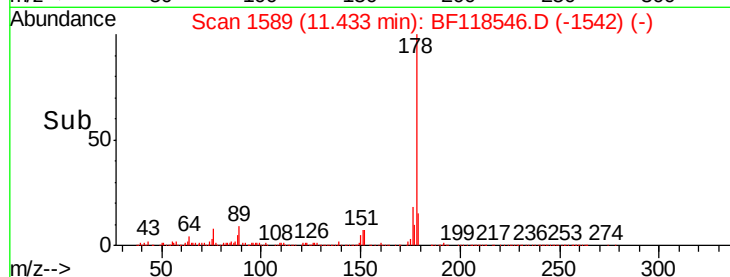
179 16.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 2.454 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.02 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

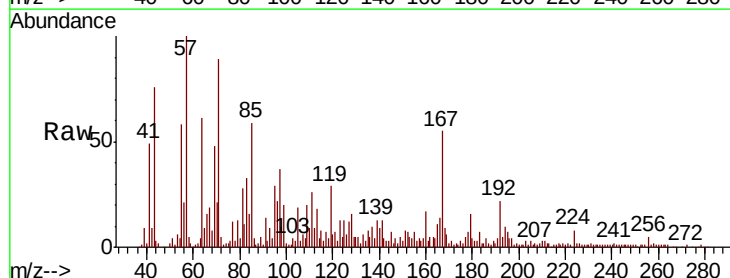
Tgt Ion:167 Resp: 45465

Ion Ratio Lower Upper

167 100

166 25.7 17.4 26.2

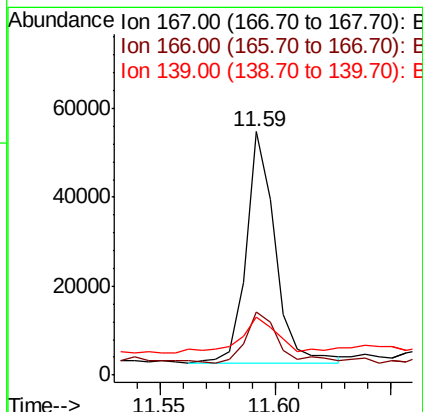
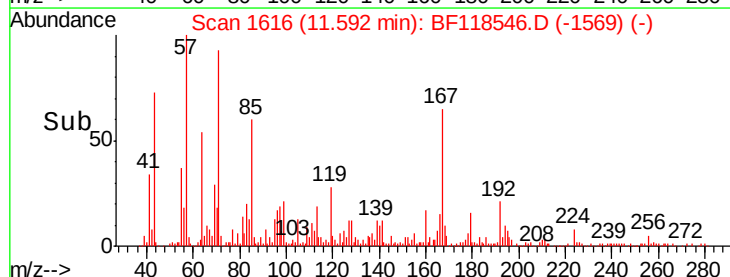
139 23.8 10.9 16.3#

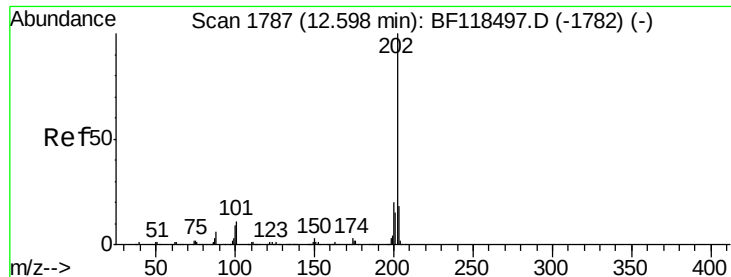


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

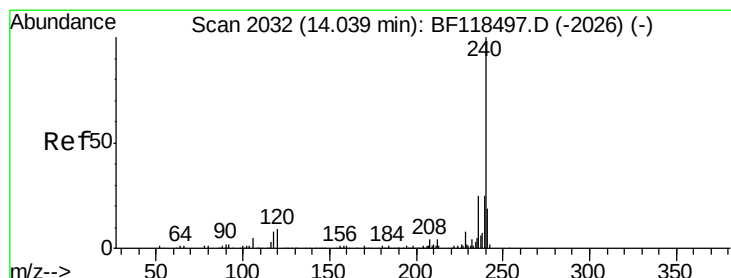
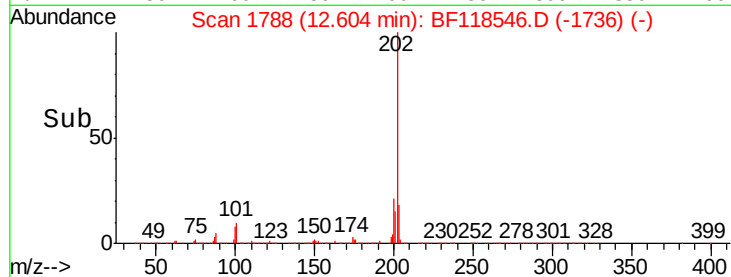
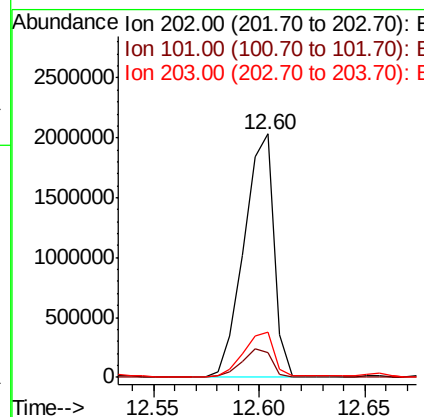
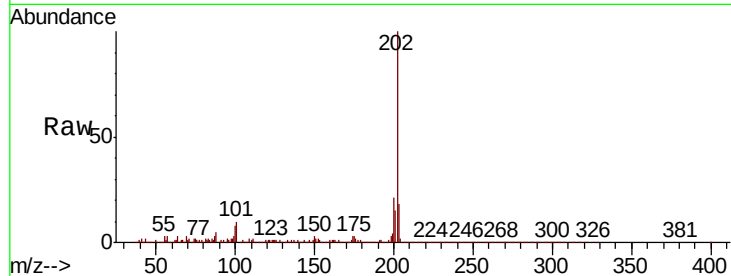




#75
 Fluoranthene
 Concen: 91.727 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF118546.D
 Acq: 13 Jan 2020 22:30

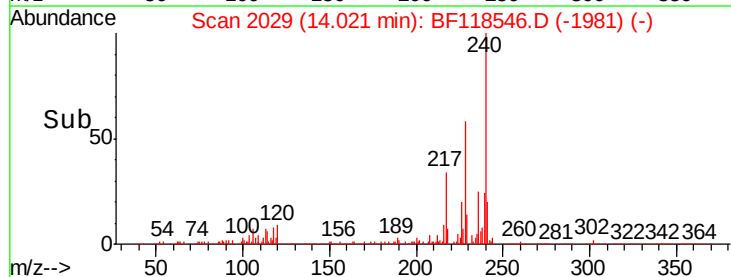
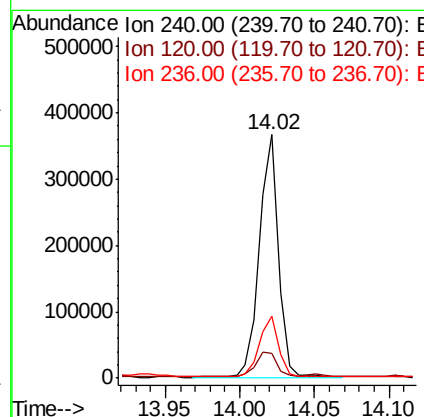
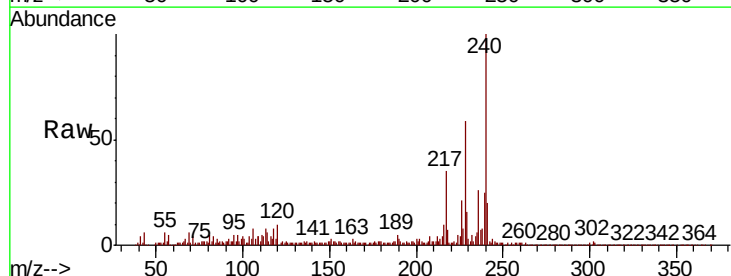
Instrument :
 BNA_F
 ClientSampleId :

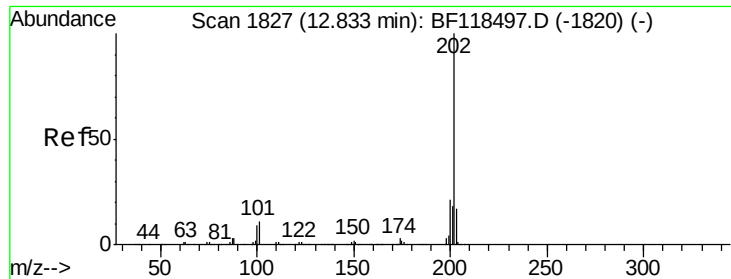
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	18.4	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF118546.D
 Acq: 13 Jan 2020 22:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.0	10.6
236	25.5	20.1	30.1

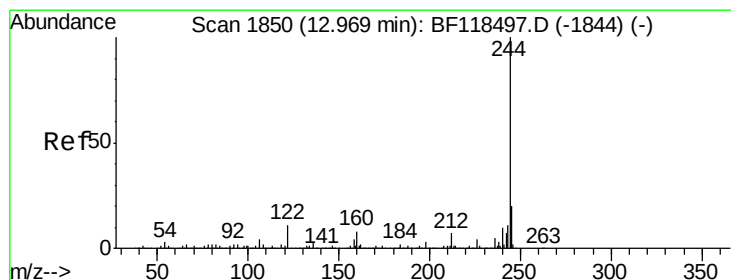
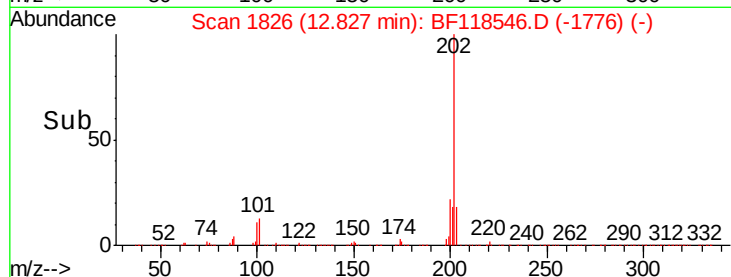
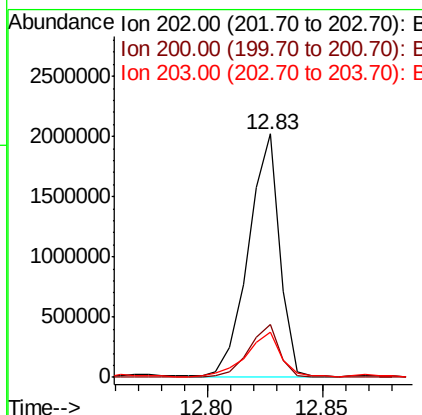
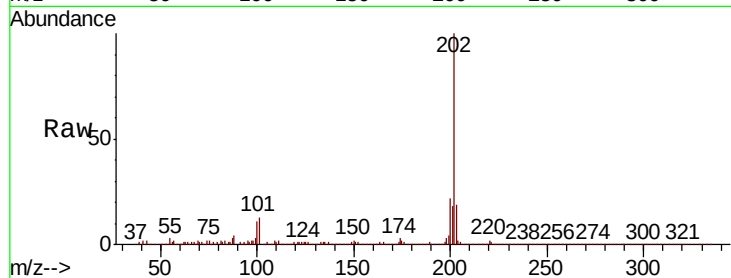




#78
Pvrene
Concen: 72.188 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

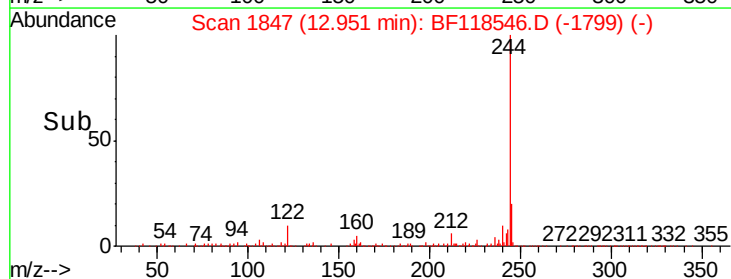
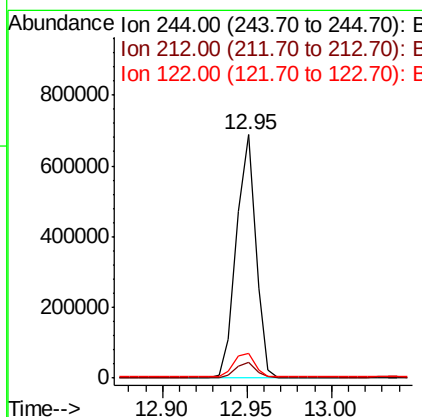
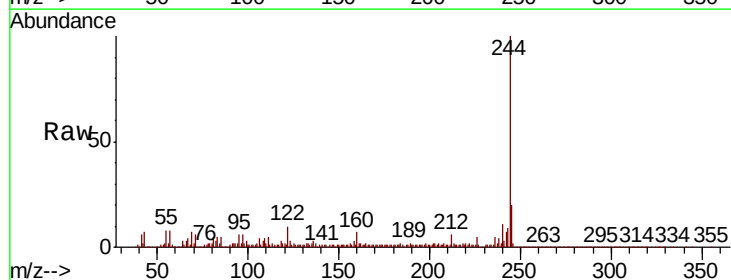
Instrument :
BNA_F
ClientSampled :

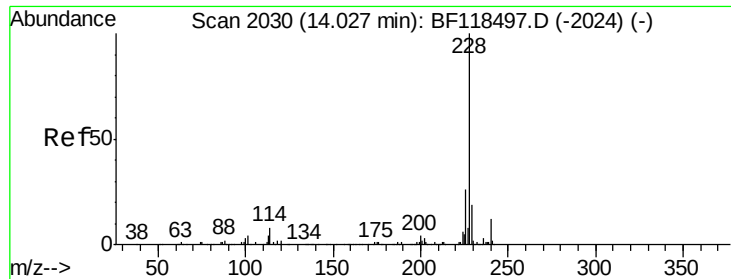
Tot Ion:202 Resp: 1896977
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 18.6 13.9 20.9



#79
Terphenyl-d14
Concen: 27.321 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Tgt Ion:244 Resp: 550649
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.2 9.0 13.6

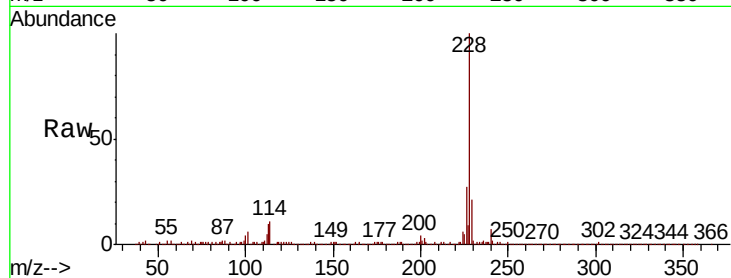




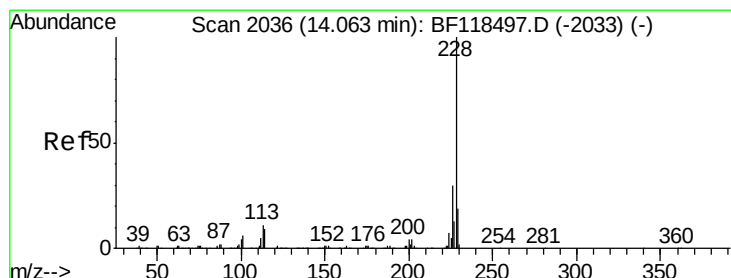
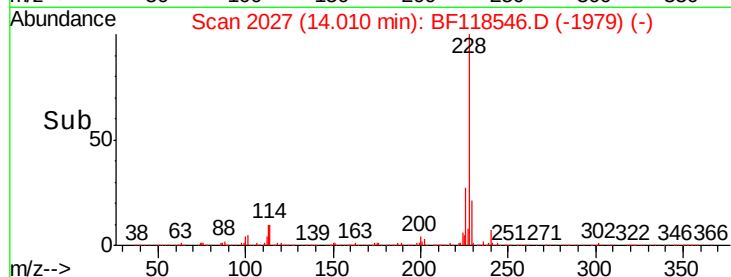
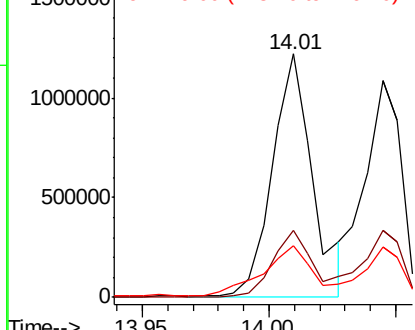
#81
Benzo(a)anthracene
Concen: 59.991 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1341164
Ion Ratio Lower Upper
228 100
226 27.4 20.7 31.1
229 21.0 15.4 23.2

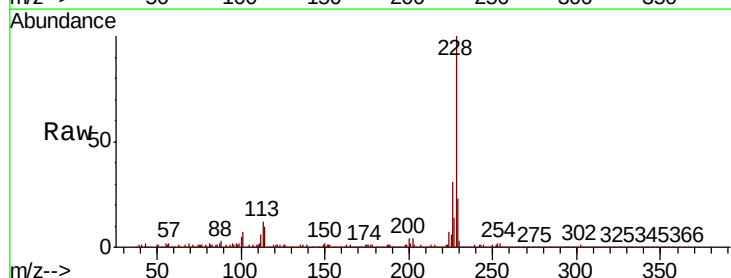


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

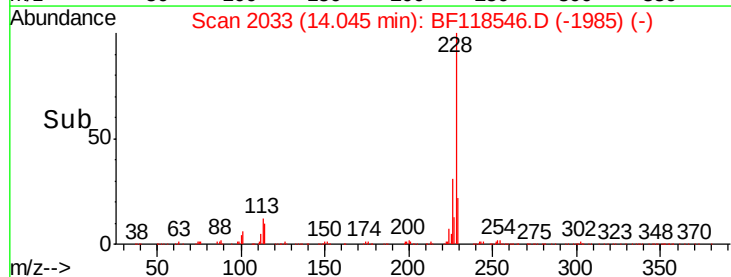
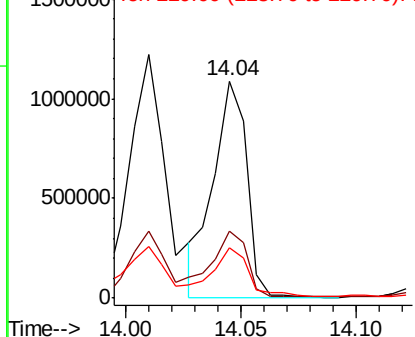


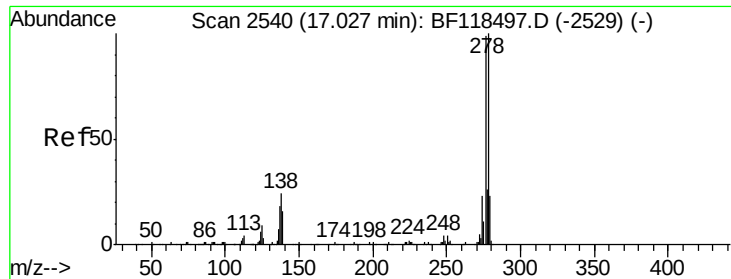
#83
Chrysene
Concen: 49.942 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Tgt Ion:228 Resp: 1084950
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 23.1 15.6 23.4



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





#86

Indeno(1,2,3-cd)pyrene

Concen: 23.987 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.04 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

Instrument :

BNA_F

ClientSampleId :

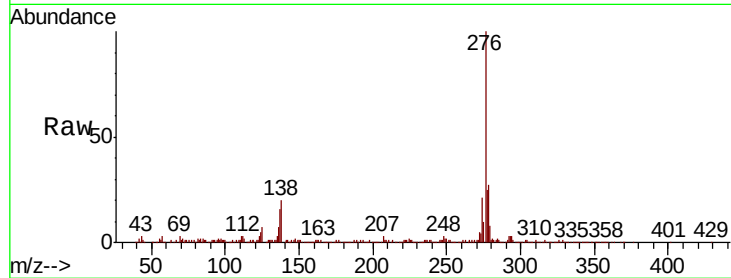
Tot Ion:276 Resp: 419534

Ion Ratio Lower Upper

276 100

138 19.9 19.0 28.4

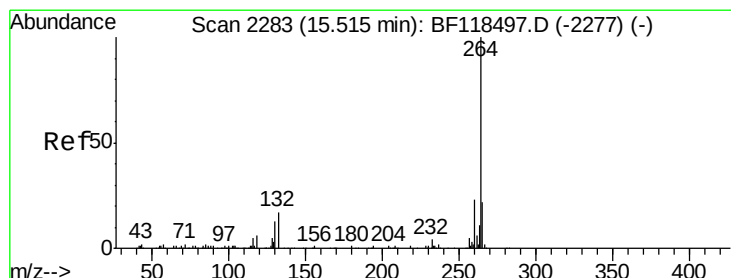
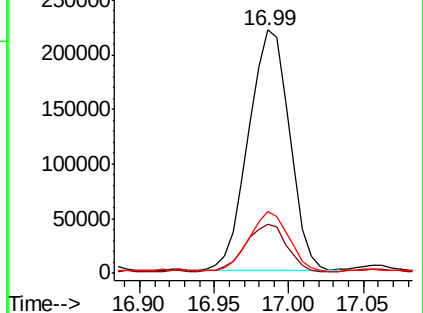
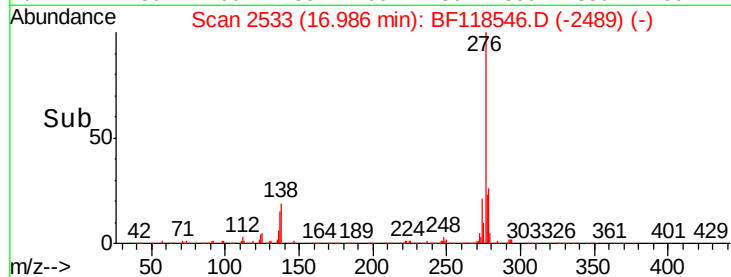
277 24.0 20.5 30.7



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: 15.50 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

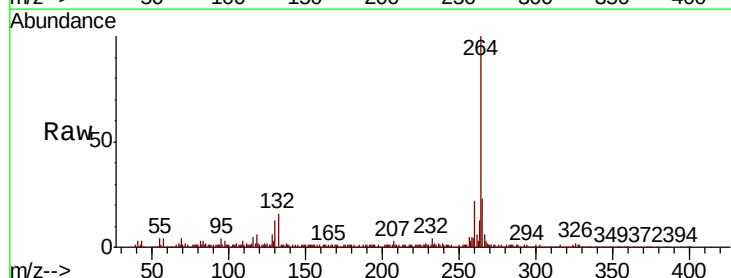
Tgt Ion:264 Resp: 318687

Ion Ratio Lower Upper

264 100

260 21.7 18.8 28.2

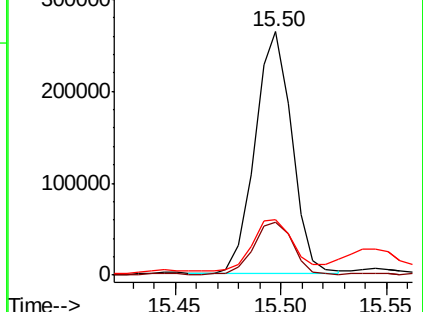
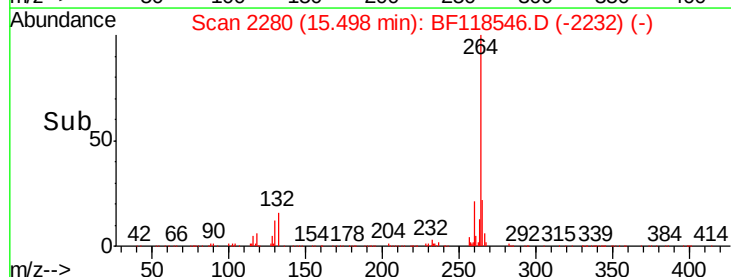
265 22.6 17.5 26.3

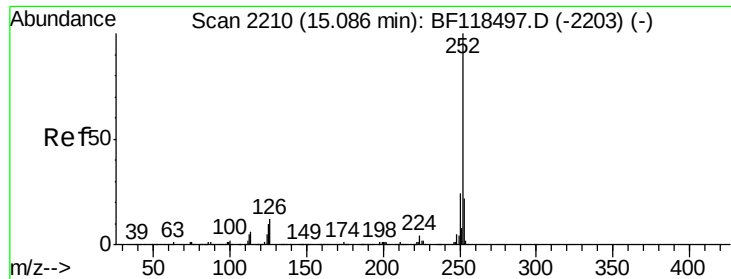


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

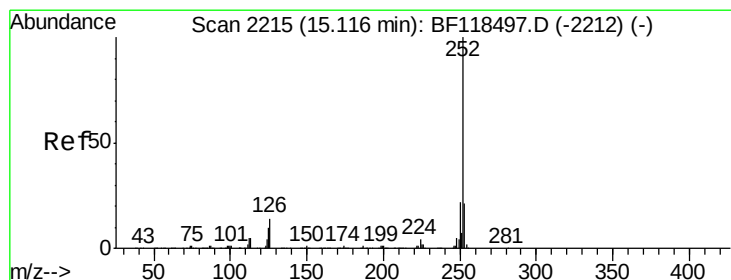
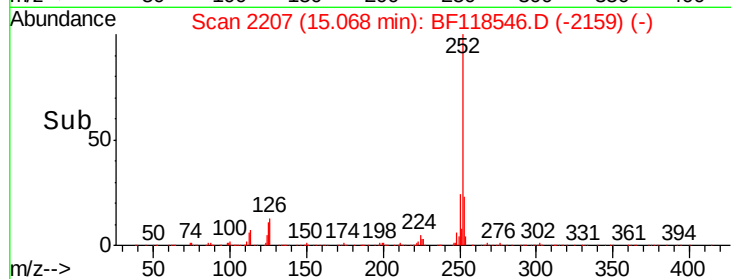
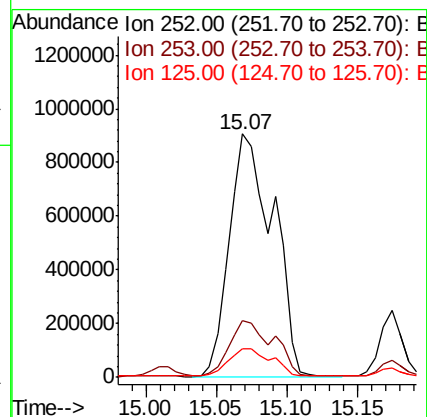
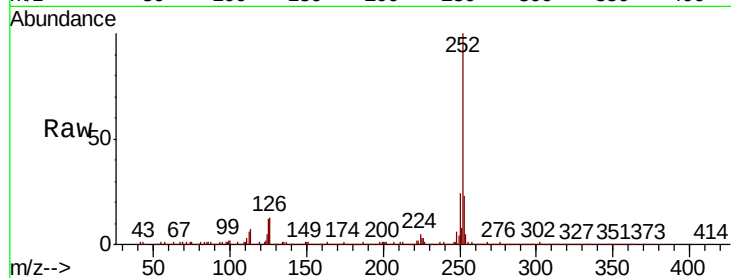




#88
Benzo(b)fluoranthene
Concen: 85.386 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

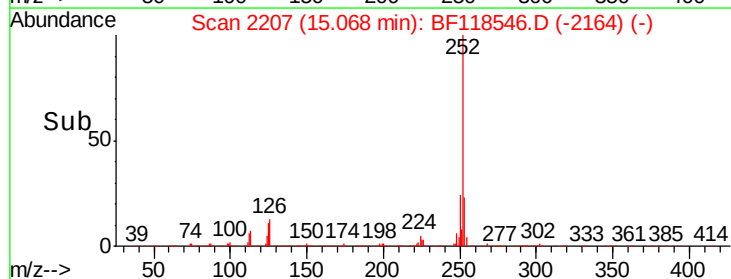
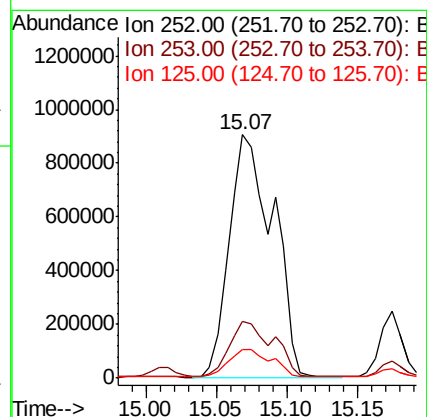
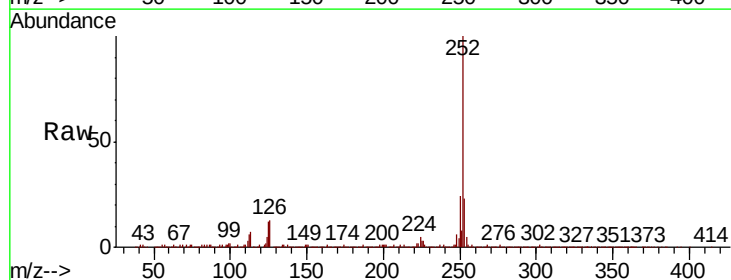
Instrument :
BNA_F
ClientSampleId :

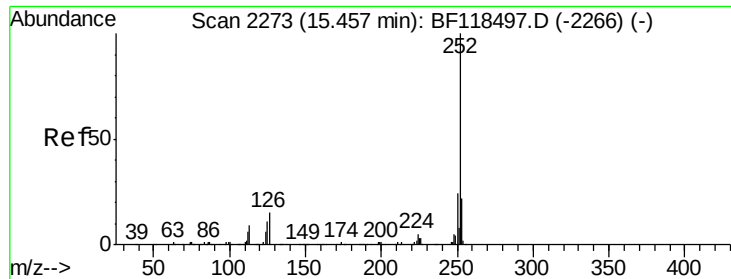
Tot Ion:252 Resp: 1967356
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 11.9 7.8 11.6#



#89
Benzo(k)fluoranthene
Concen: 89.455 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Tgt Ion:252 Resp: 1967356
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.4
125 11.9 7.8 11.6#

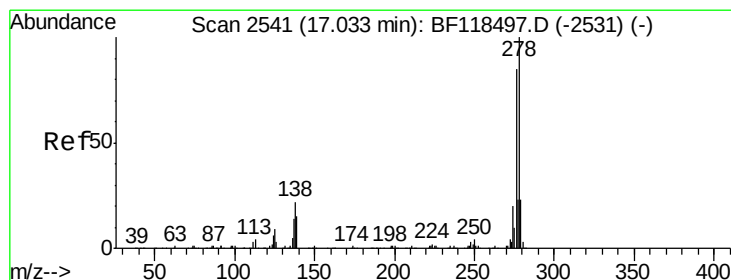
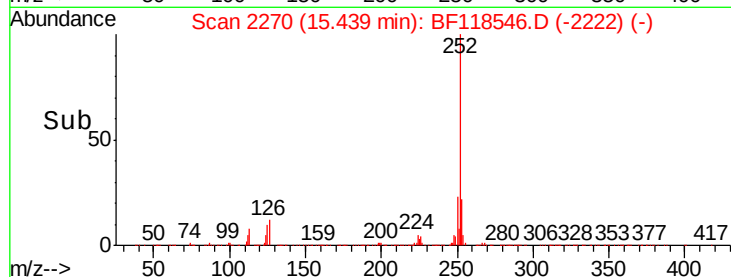
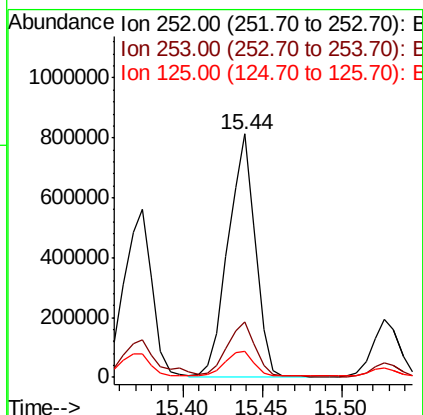
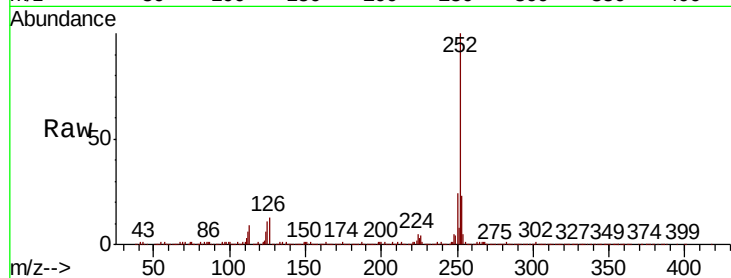




#90
Benzo(a)pyrene
Concen: 50.904 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

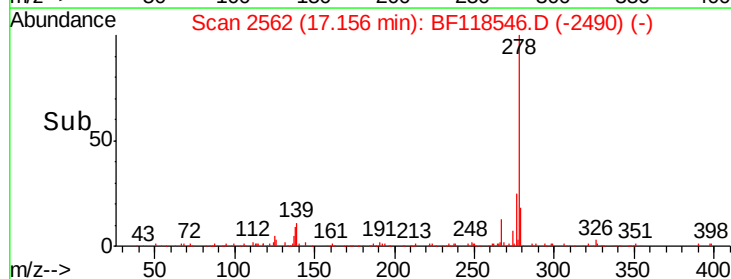
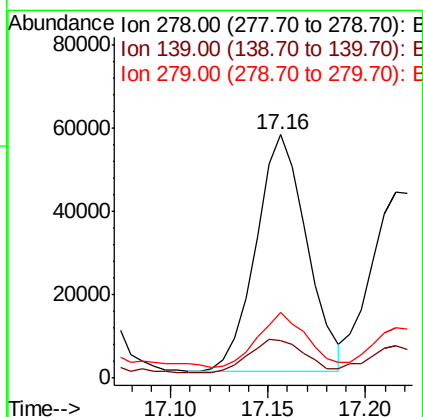
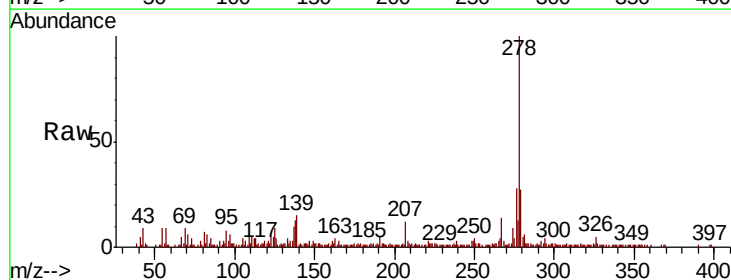
Instrument :
BNA_F
ClientSampleId :

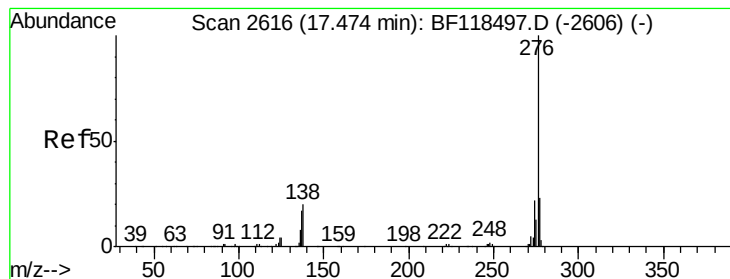
Tot Ion:252 Resp: 961146
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 10.9 9.0 13.6



#91
Dibenzo(a,h)anthracene
Concen: 5.793 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.12 min
Lab File: BF118546.D
Acq: 13 Jan 2020 22:30

Tgt Ion:278 Resp: 102568
Ion Ratio Lower Upper
278 100
139 15.4 11.9 17.9
279 27.2 18.6 27.8





#92

Benzo(a,h,i)perylene

Concen: 23.423 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.03 min

Lab File: BF118546.D

Acq: 13 Jan 2020 22:30

Instrument :

BNA_F

ClientSampleId :

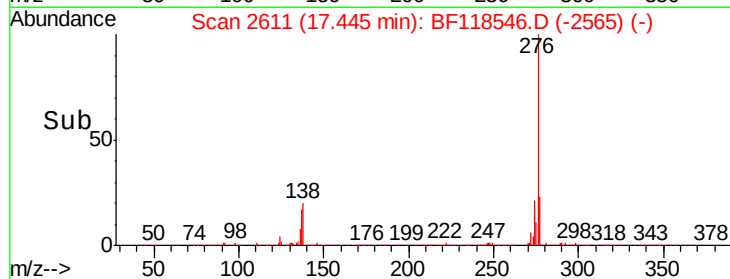
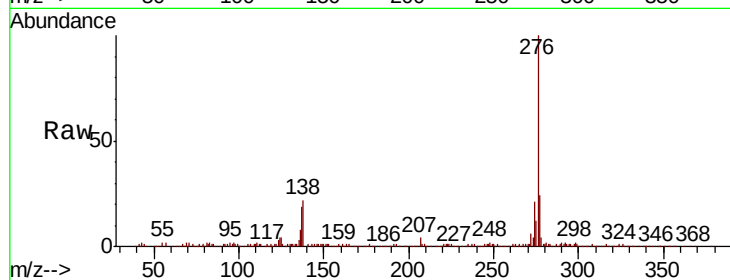
Tot Ion:276 Resp: 392935

Ion Ratio Lower Upper

276 100

277 23.8 18.2 27.4

138 21.6 16.3 24.5



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

