

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118624.D
 Acq On : 21 Jan 2020 8:03
 Operator : CG/JU
 Sample : L1148-16 20X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jan 21 10:00:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	394270	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1400828	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	726628	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	1033573	20.00	ng	0.00
76) Chrysene-d12	14.06	240	728809	20.00	ng	0.02
87) Perylene-d12	15.54	264	833789	20.00	ng	0.02

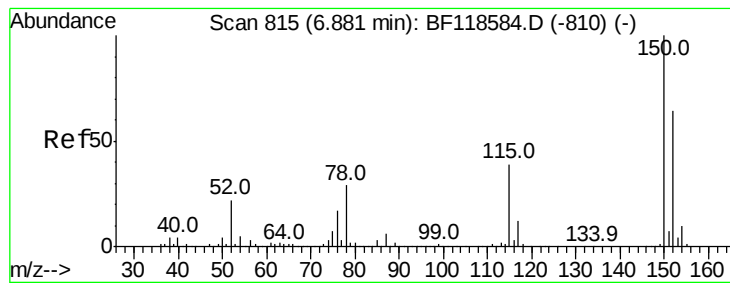
System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	126464	5.96	ng	0.00
7) Phenol-d6	6.50	99	165427	6.00	ng	-0.01
23) Nitrobenzene-d5	7.43	82	90765	3.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	33869	4.03	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	203481	4.60	ng	0.00
79) Terphenyl-d14	13.00	244	181527	5.43	ng	0.00

Target Compounds

						Qvalue
18) Hexachloroethane	7.42	117	21767	2.144	ng	# 39
31) Naphthalene	8.21	128	11396737	180.099	ng	# 88
33) 4-Chloroaniline	8.21	127	2050858	70.119	ng	# 36
37) 2-Methylnaphthalene	8.89	142	4677996	104.731	ng	96
38) 1-Methylnaphthalene	8.99	142	3888414	91.631	ng	99
46) 1,1'-Biphenyl	9.35	154	2264889	45.226	ng	99
47) 2-Chloronaphthalene	9.42	162	202177	4.790	ng	# 45
49) Acenaphthylene	9.79	152	5753529	96.891	ng	# 91
51) 2,6-Dinitrotoluene	9.62	165	36187	3.414	ng	# 27
52) Acenaphthene	9.96	154	677688	17.067	ng	94
55) Dibenzofuran	10.13	168	1718469	31.230	ng	# 95
56) 4-Nitrophenol	10.03	139	21825	2.388	ng	# 32
57) 2,4-Dinitrotoluene	10.10	165	63203	4.729	ng	# 58
58) Fluorene	10.48	166	4454584	103.119	ng	97
62) 4-Nitroaniline	10.48	138	54560	4.394	ng	# 21
66) n-Nitrosodiphenylamine	10.59	169	70157	2.251	ng	# 4
71) Phenanthrene	11.50	178	5473376	109.766	ng	95
72) Anthracene	11.50	178	5473376	110.932	ng	94
73) Carbazole	11.64	167	836218	18.477	ng	97
75) Fluoranthene	12.64	202	8318198	158.164	ng	92
78) Pyrene	12.73	202	3243106	65.544	ng	98
81) Benzo(a)anthracene	14.05	228	5642403	128.699	ng	# 78
83) Chrysene	14.09	228	5094967	121.257	ng	92
86) Indeno(1,2,3-cd)pyrene	17.03	276	2441632	66.877	ng	97
88) Benzo(b)fluoranthene	15.12	252	7078136	135.054	ng	# 95
89) Benzo(k)fluoranthene	15.12	252	7078136	145.775	ng	# 96
90) Benzo(a)pyrene	15.49	252	5218808	115.434	ng	# 94
91) Dibenzo(a,h)anthracene	17.04	278	659179	16.483	ng	96
92) Benzo(g,h,i)perylene	17.49	276	2650681	68.265	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

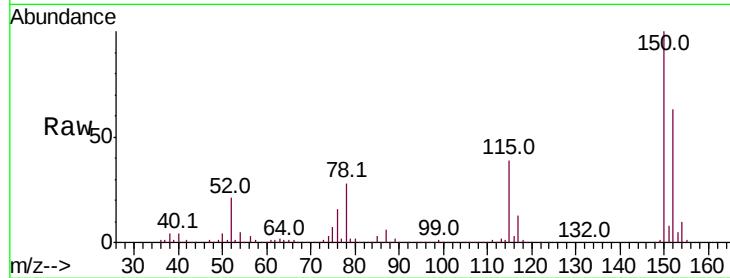
Tot Ion:152 Resp: 394270

Ion Ratio Lower Upper

152 100

150 157.7 125.6 188.4

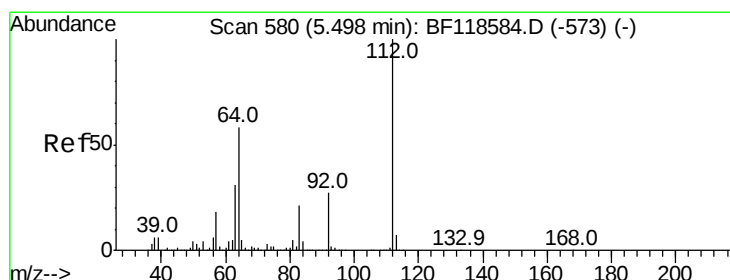
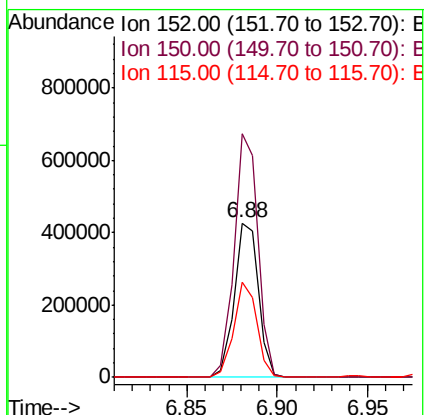
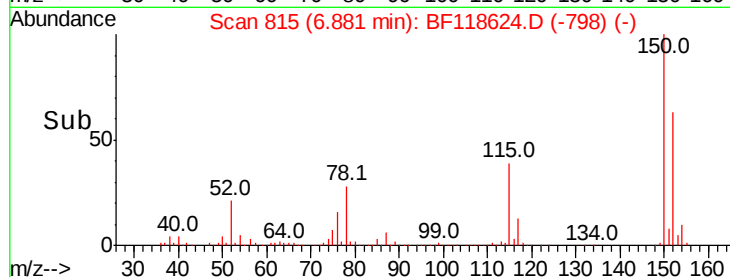
115 61.4 48.4 72.6



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: 5.957 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

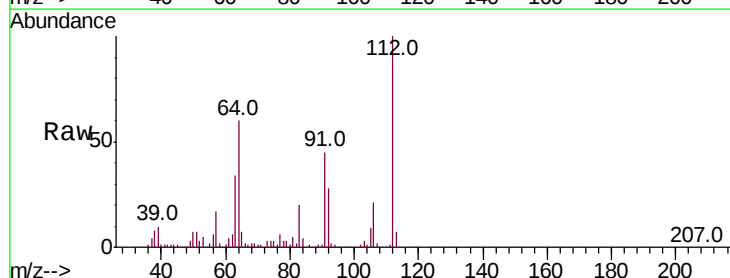
Tgt Ion:112 Resp: 126464

Ion Ratio Lower Upper

112 100

64 59.6 46.6 70.0

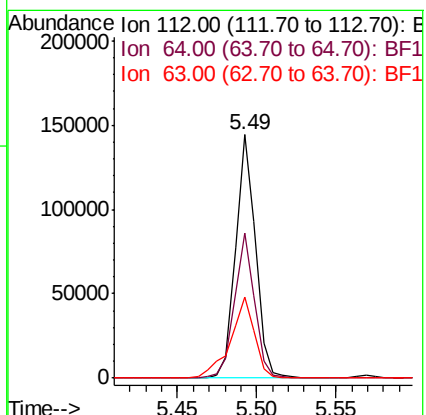
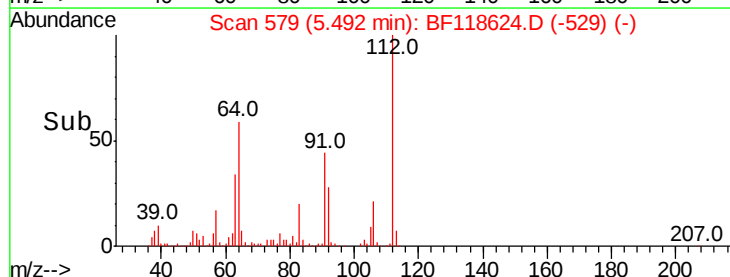
63 33.6 25.1 37.7

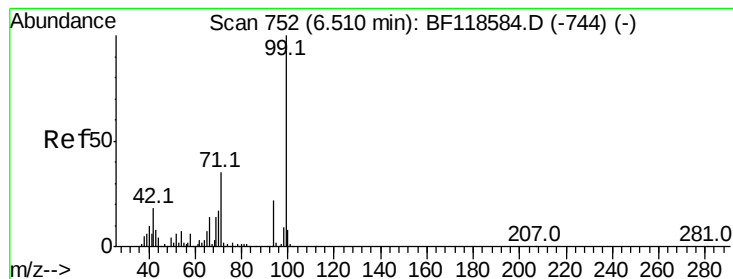


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 5.996 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

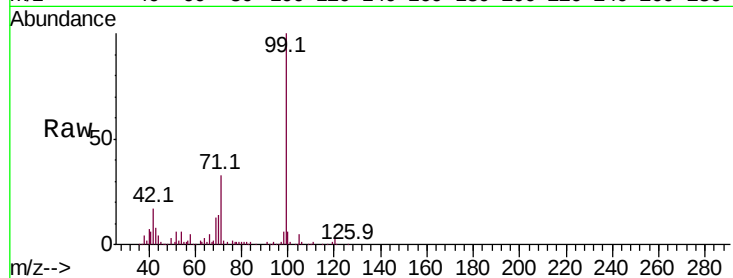
Tot Ion: 99 Resp: 165427

Ion Ratio Lower Upper

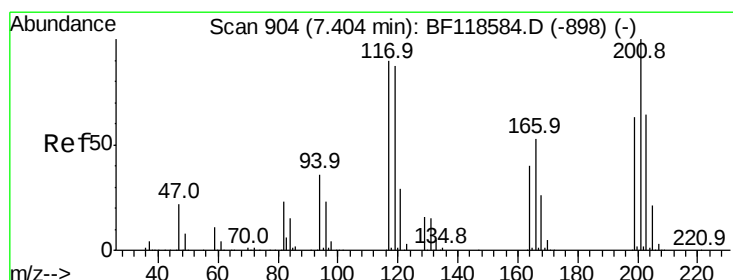
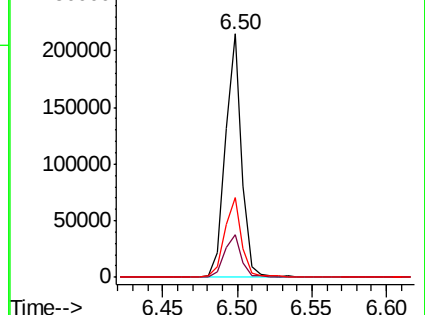
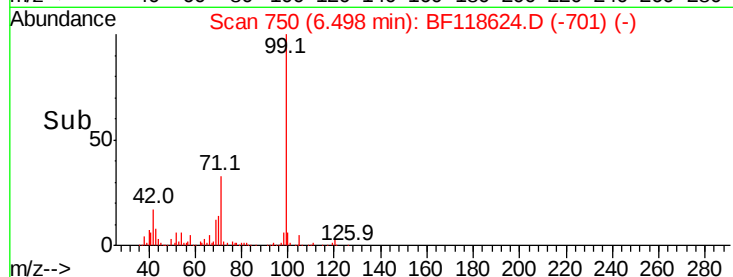
99 100

42 17.3 14.2 21.2

71 32.7 27.8 41.6



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



#18

Hexachloroethane

Concen: 2.144 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.01 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

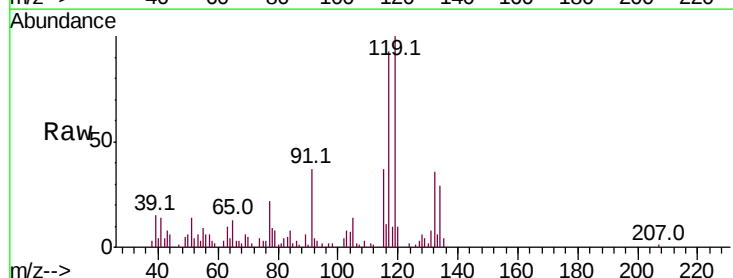
Tgt Ion: 117 Resp: 21767

Ion Ratio Lower Upper

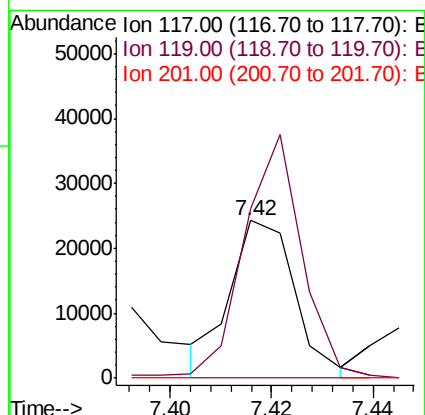
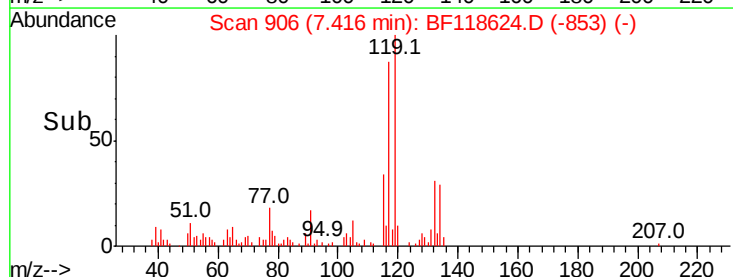
117 100

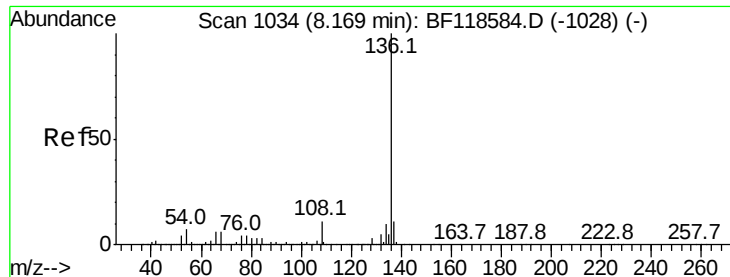
119 107.2 77.6 116.4

201 0.0 88.8 133.2#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



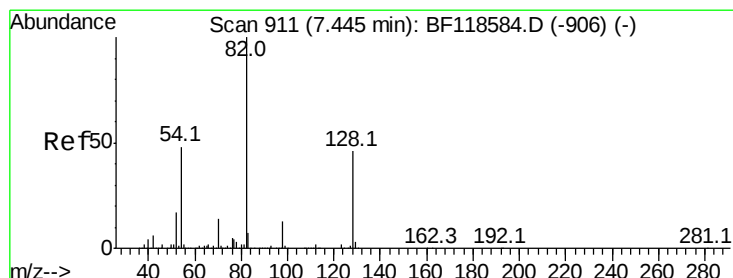
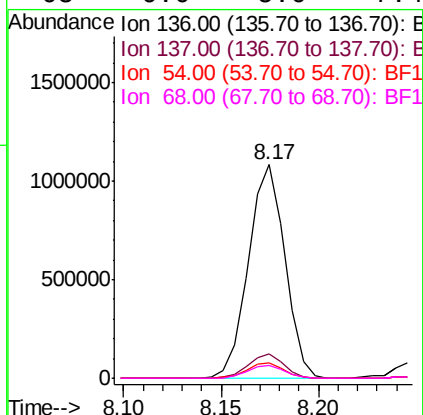
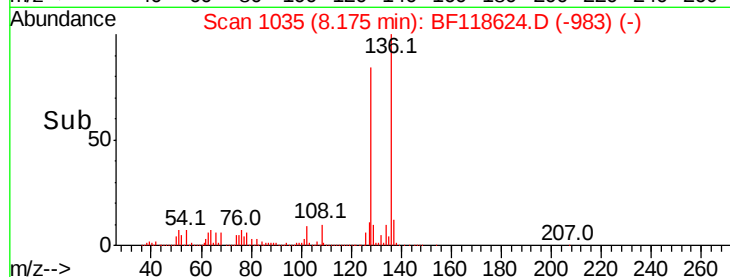
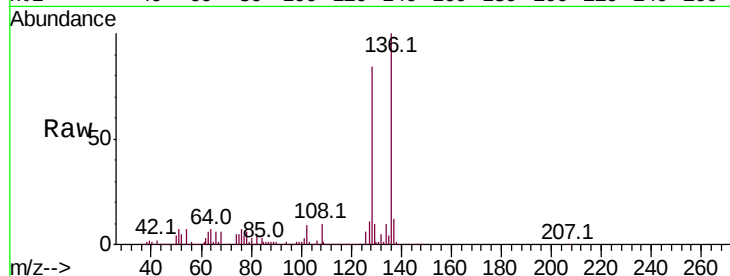


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:136 Resp: 1400828

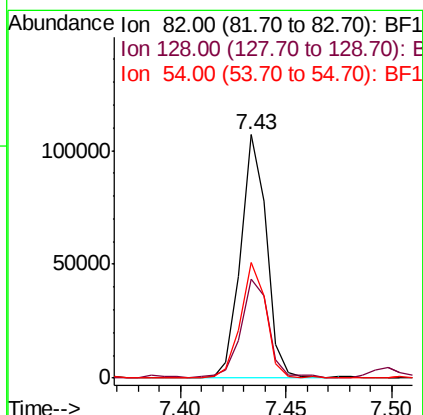
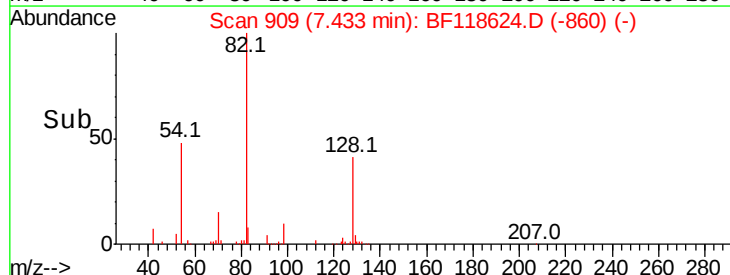
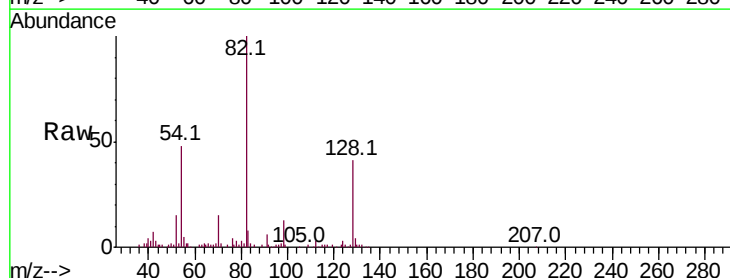
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.2	5.8	8.6
68	6.0	5.0	7.4

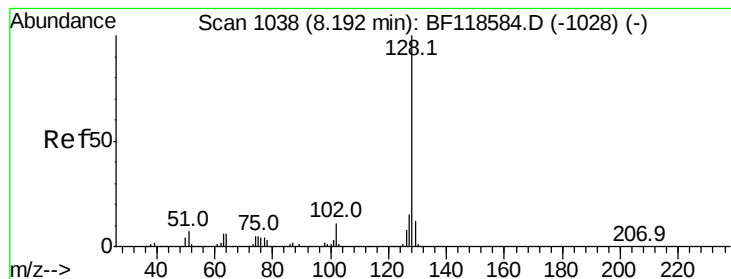


#23
Nitrobenzene-d5
Concen: 3.624 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

Tgt Ion: 82 Resp: 90765

Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.6	54.8
54	47.7	38.0	57.0





#31

Naphthalene

Concen: 180.099 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.02 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

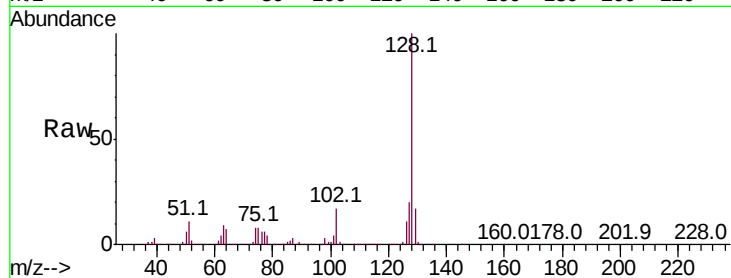
Tot Ion:128 Resp:11396737

Ion Ratio Lower Upper

128 100

129 16.6 9.9 14.9#

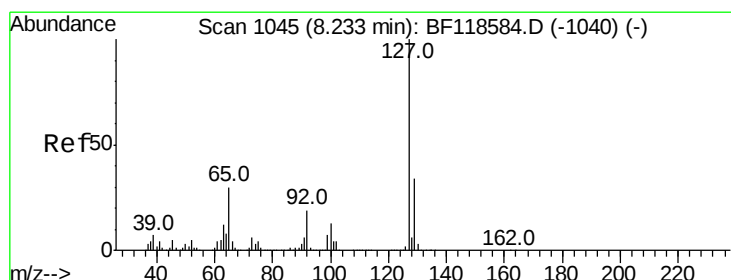
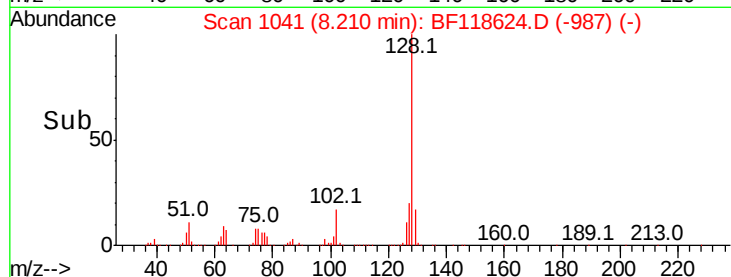
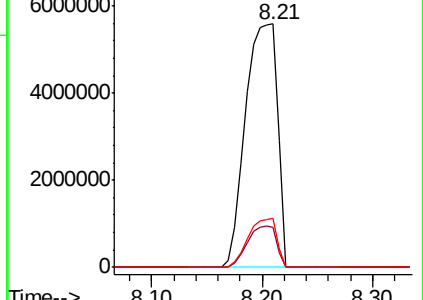
127 20.1 12.0 18.0#



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



#33

4-Chloroaniline

Concen: 70.119 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

Tgt Ion:127 Resp: 2050858

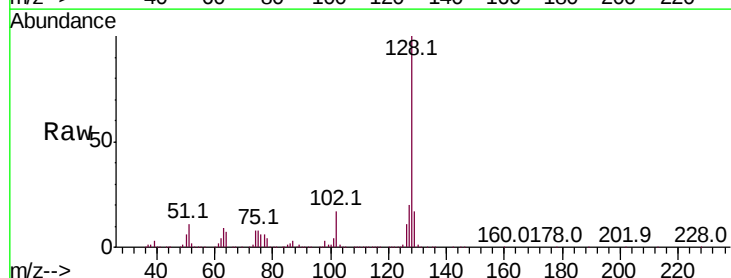
Ion Ratio Lower Upper

127 100

129 82.8 27.4 41.0#

65 0.0 23.6 35.4#

92 0.0 15.0 22.4#

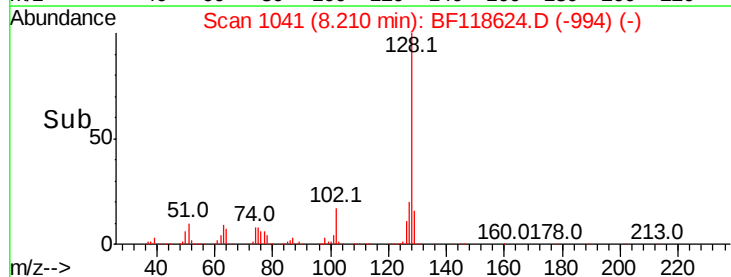
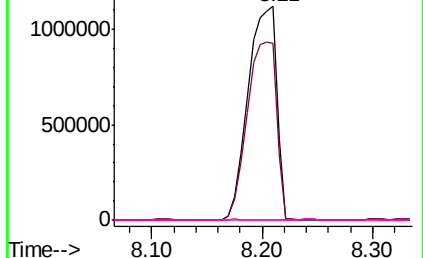


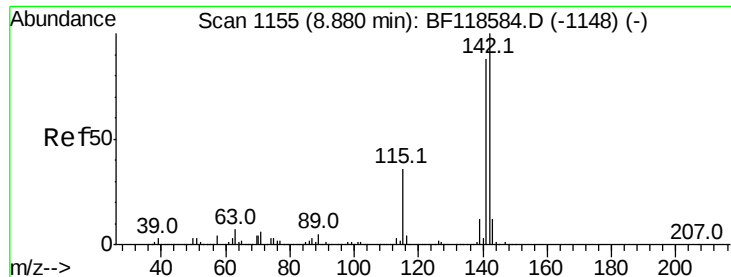
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



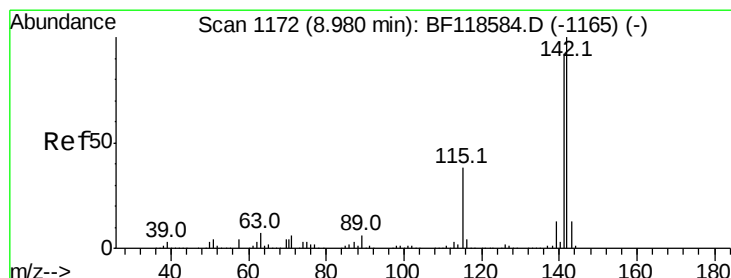
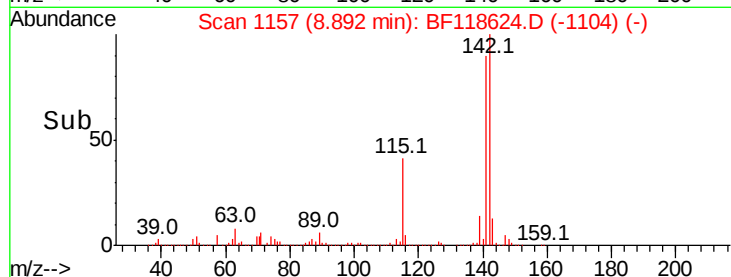
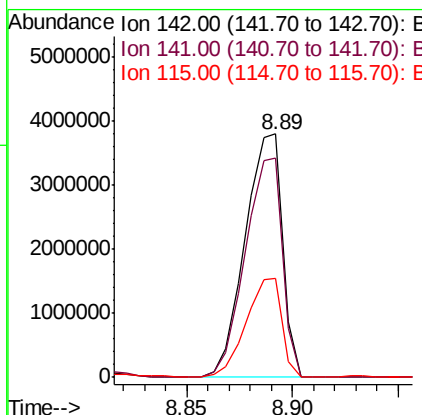
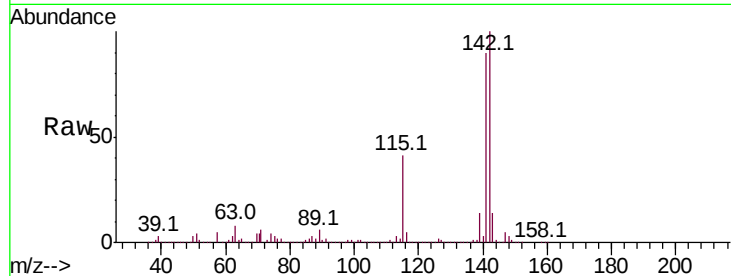


#37
 2-Methylnaphthalene
 Concen: 104.731 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:142 Resp: 4677996

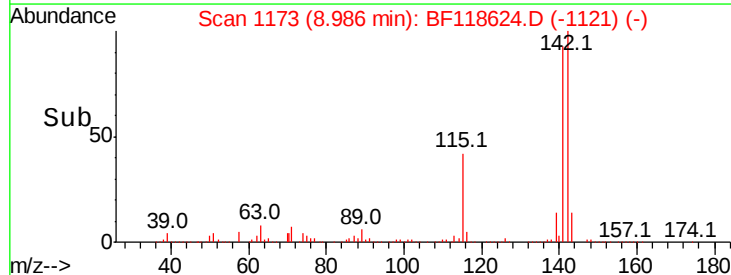
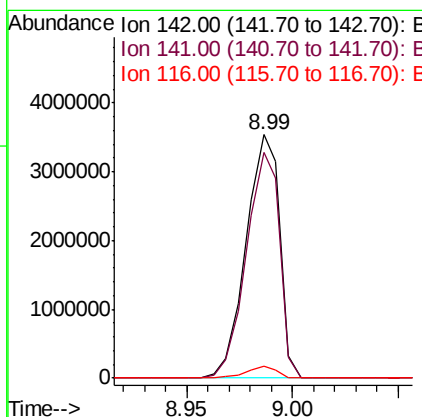
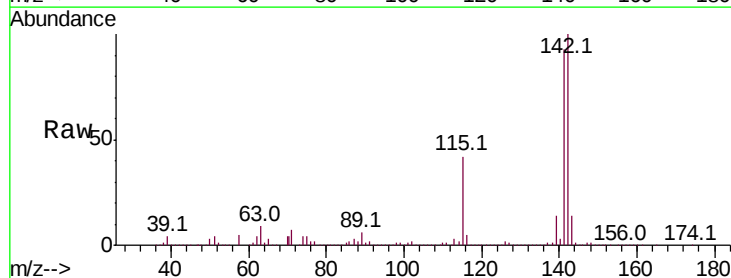
Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.7	106.1
115	40.7	28.5	42.7

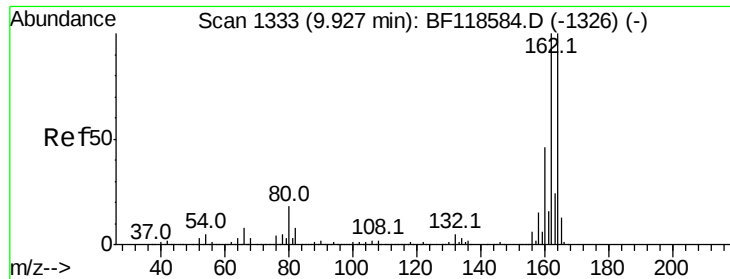


#38
 1-Methylnaphthalene
 Concen: 91.631 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

Tgt Ion:142 Resp: 3888414

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.4	110.2
116	4.7	3.3	4.9

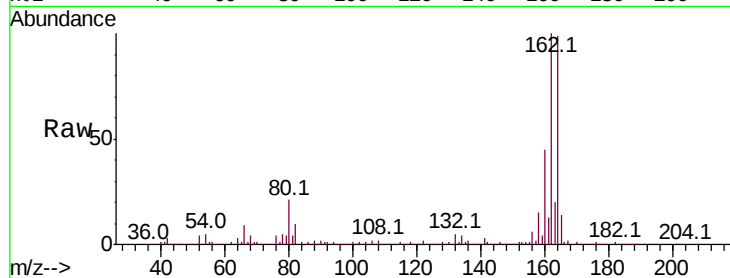




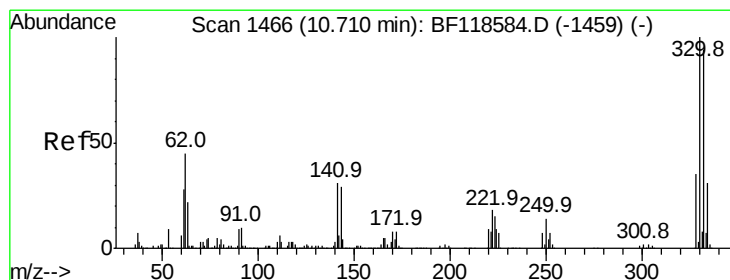
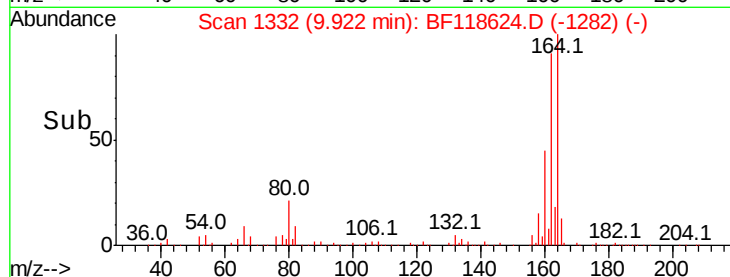
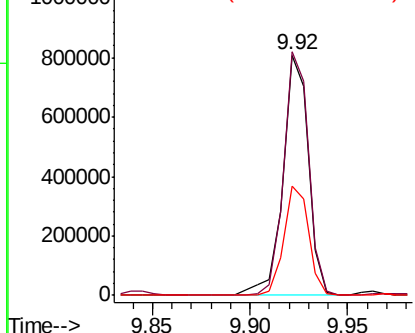
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:164 Resp: 726628
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.4 120.6
 160 45.5 36.6 55.0

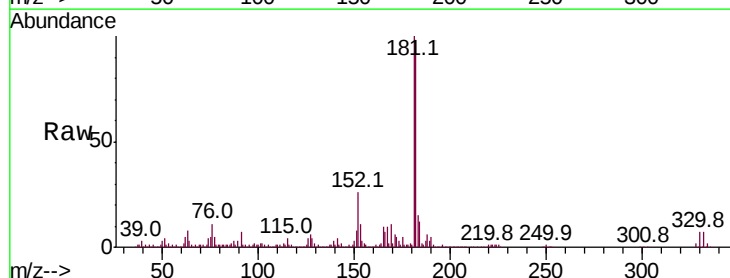


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

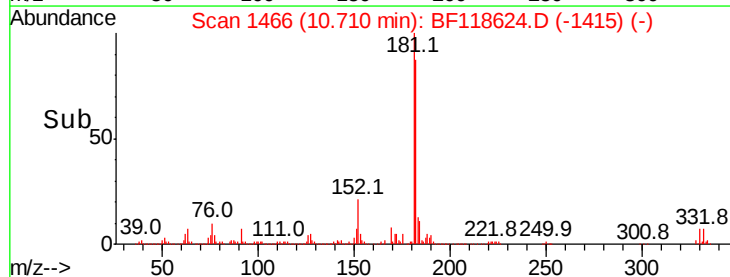
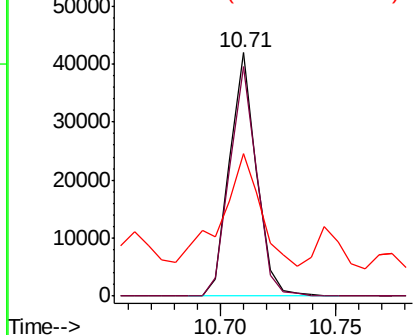


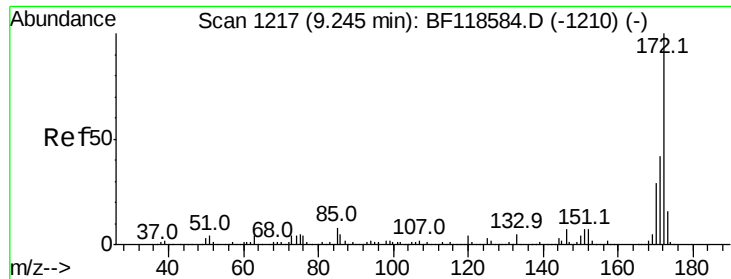
#42
 2,4,6-Tribromophenol
 Concen: 4.030 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

Tgt Ion:330 Resp: 33869
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 67.3 23.9 35.9#



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

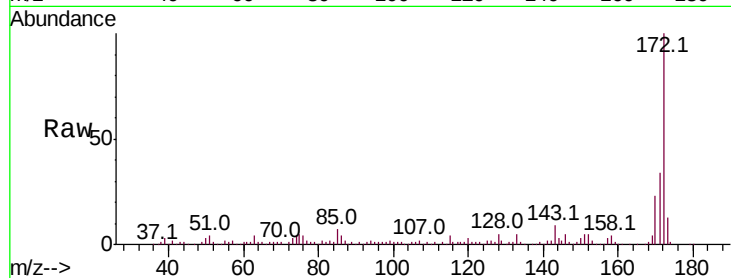




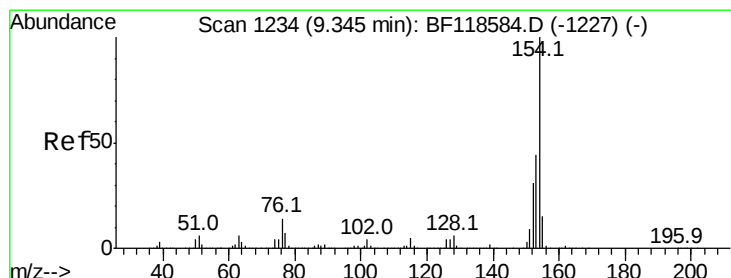
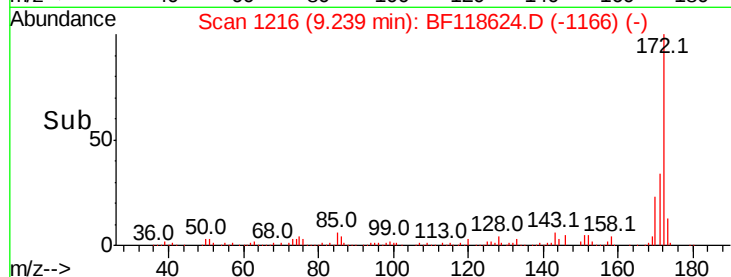
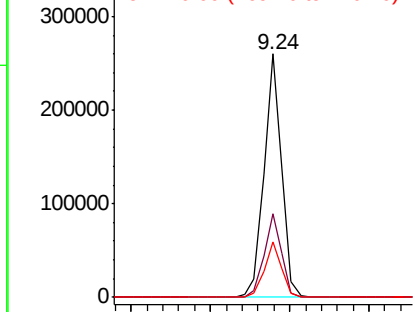
#45
2-Fluorobiphenyl
Concen: 4.603 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion:172 Resp: 203481
Ion Ratio Lower Upper
172 100
171 34.3 33.4 50.2
170 23.0 23.2 34.8#

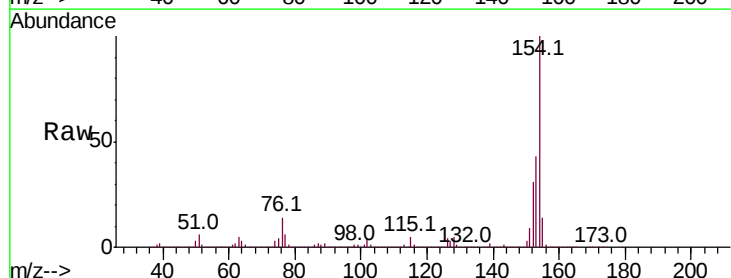


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

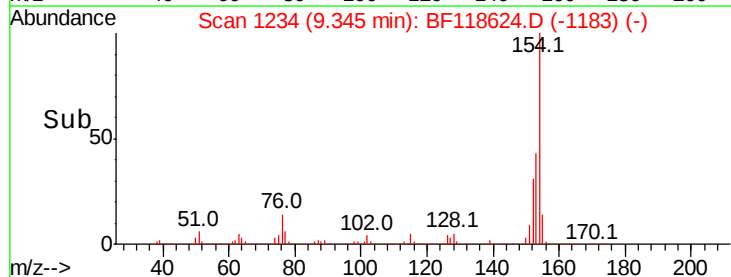
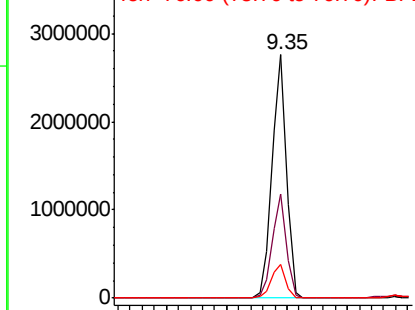


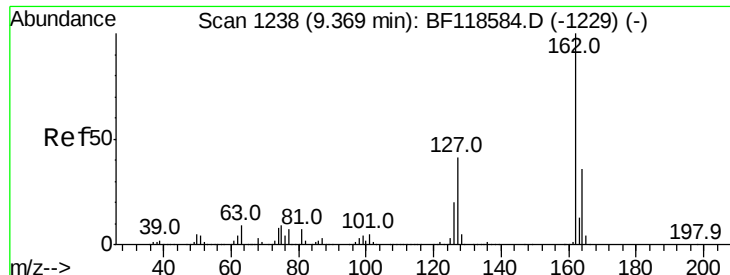
#46
1,1'-Biphenyl
Concen: 45.226 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

Tgt Ion:154 Resp: 2264889
Ion Ratio Lower Upper
154 100
153 42.9 23.8 63.8
76 13.6 0.0 34.3



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

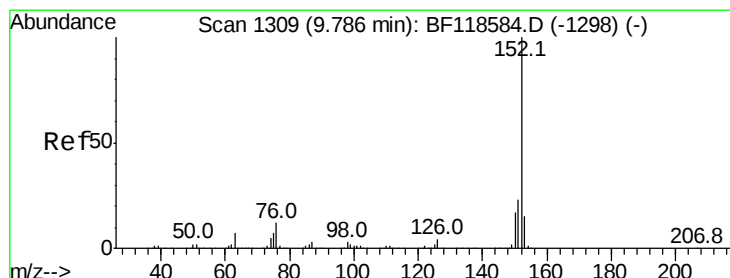
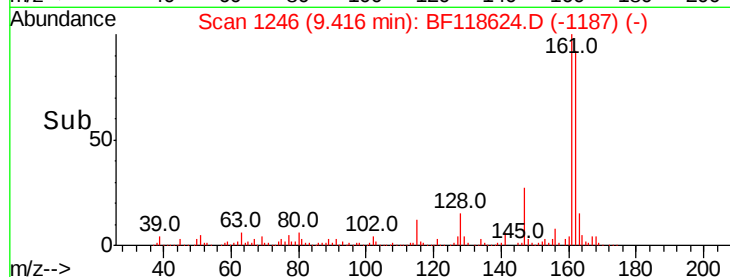
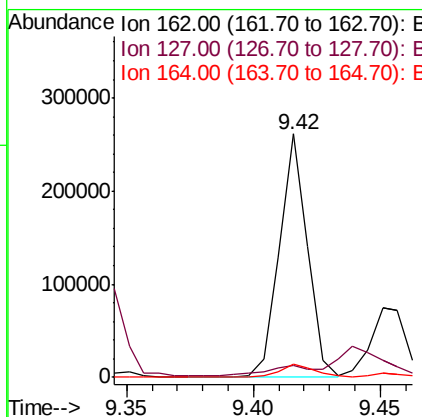
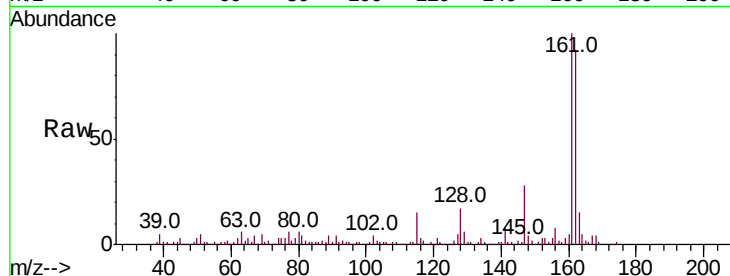




#47
 2-Chloronaphthalene
 Concen: 4.790 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.05 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

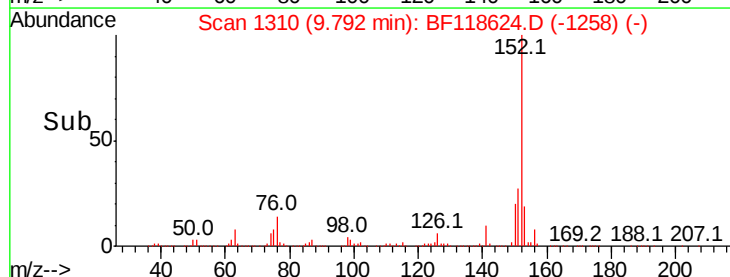
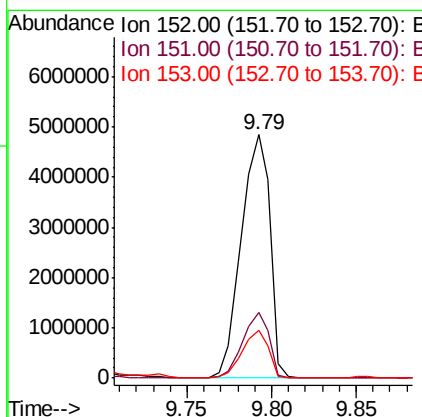
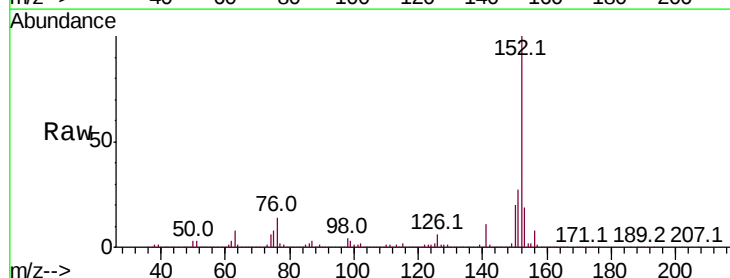
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

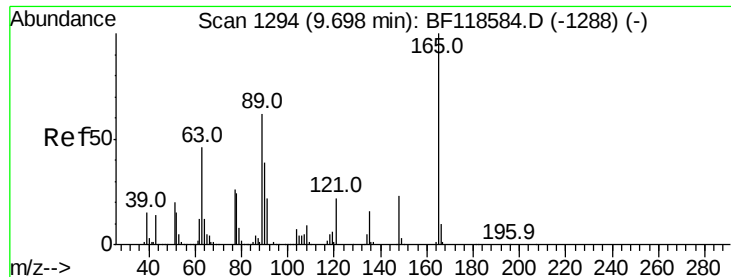
Tot Ion	Ratio	Lower	Upper
162	100		
127	5.1	33.0	49.6#
164	5.5	28.6	42.8#



#49
 Acenaphthylene
 Concen: 96.891 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	27.0	18.6	27.8
153	19.4	12.2	18.4#





#51

2,6-Dinitrotoluene

Concen: 3.414 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.08 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

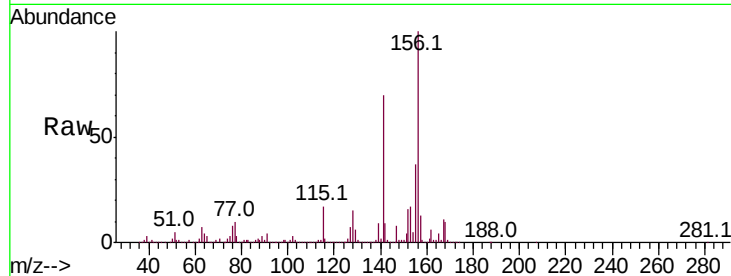
Tot Ion:165 Resp: 36187

Ion Ratio Lower Upper

165 100

63 154.6 48.9 73.3#

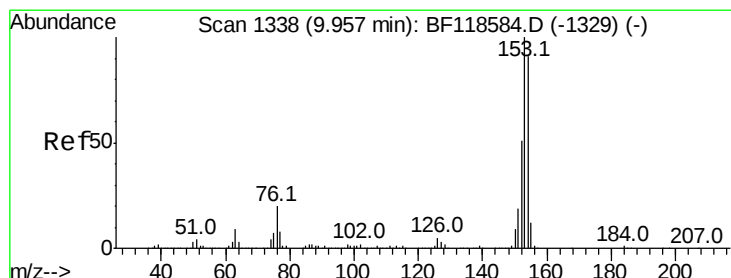
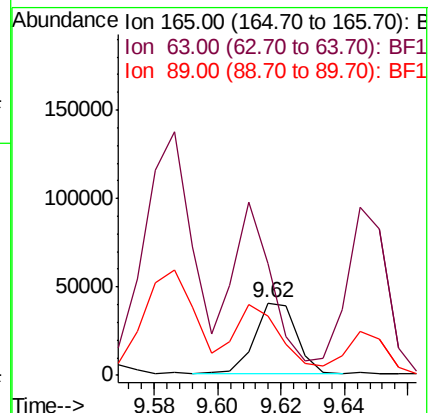
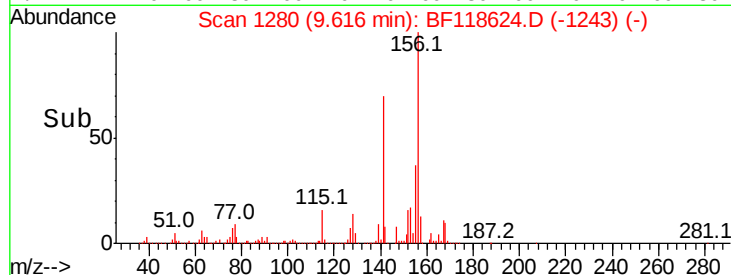
89 81.6 49.8 74.6#



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: 17.067 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

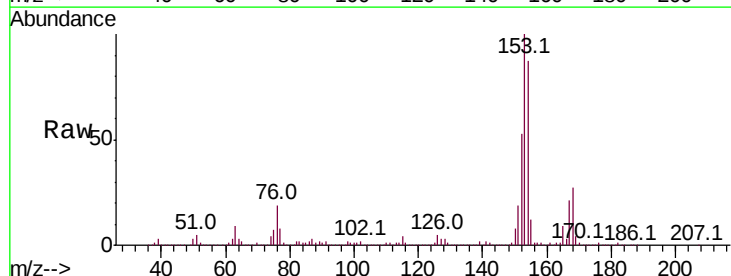
Tgt Ion:154 Resp: 677688

Ion Ratio Lower Upper

154 100

153 115.5 87.6 131.4

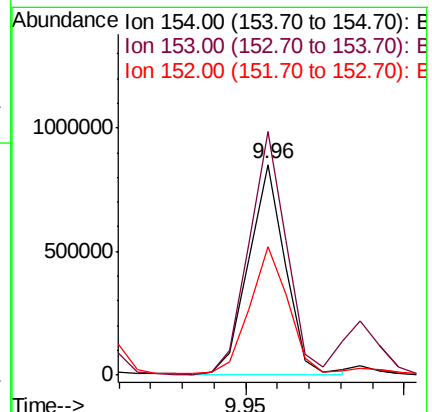
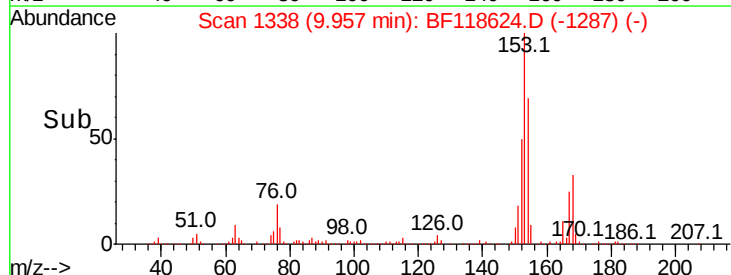
152 60.7 44.4 66.6

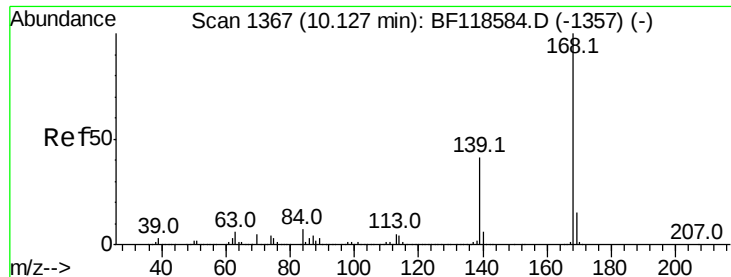


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

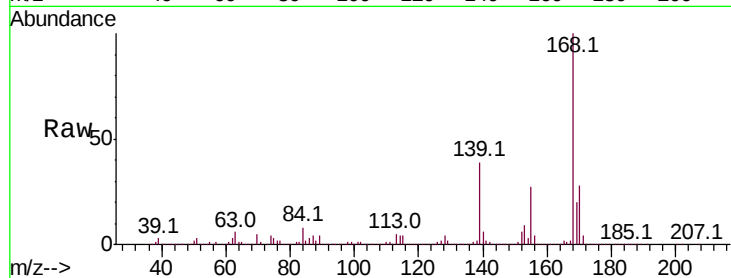




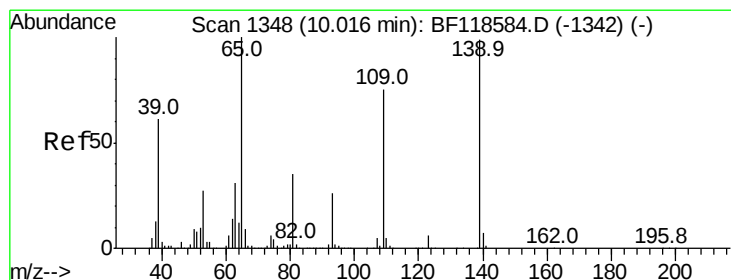
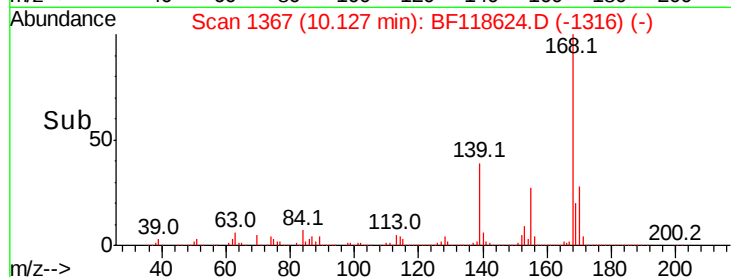
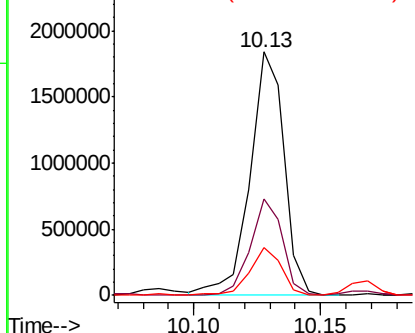
#55
Dibenzenofuran
Concen: 31.230 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

Instrument :
BNA_F
ClientSampled :
DFTPP

Tot Ion:168 Resp: 1718469
Ion Ratio Lower Upper
168 100
139 39.4 32.7 49.1
169 19.6 12.2 18.2#

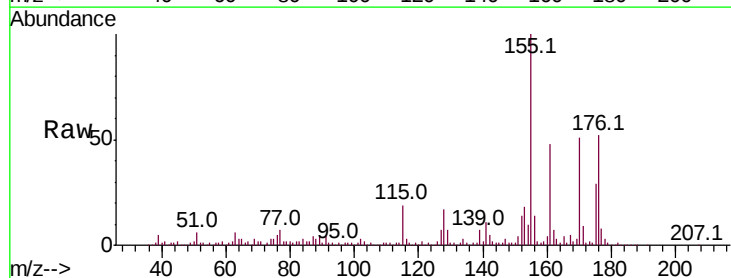


Abundance Ion 168.00 (167.70 to 168.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

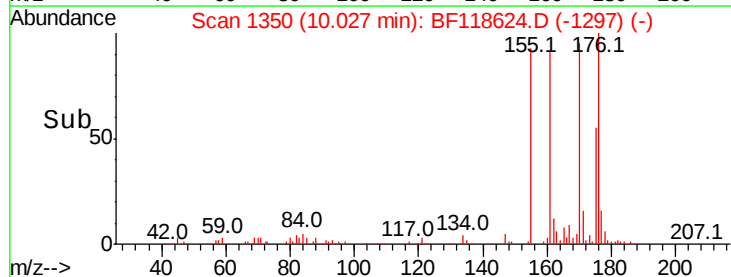
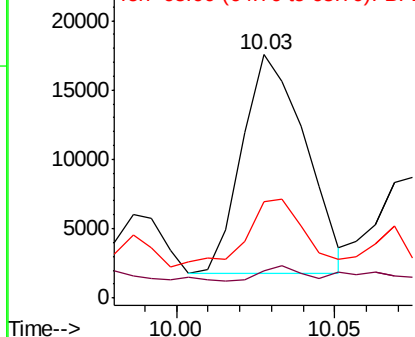


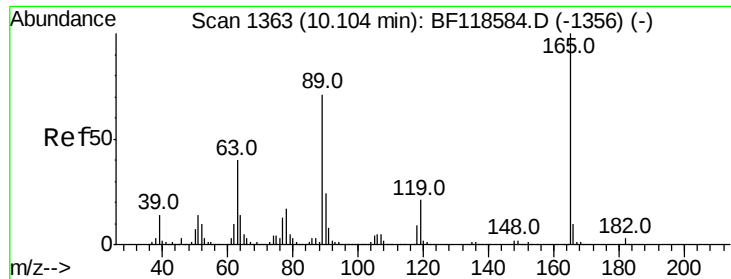
#56
4-Nitrophenol
Concen: 2.388 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

Tgt Ion:139 Resp: 21825
Ion Ratio Lower Upper
139 100
109 11.0 56.0 96.0#
65 39.4 81.4 121.4#



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

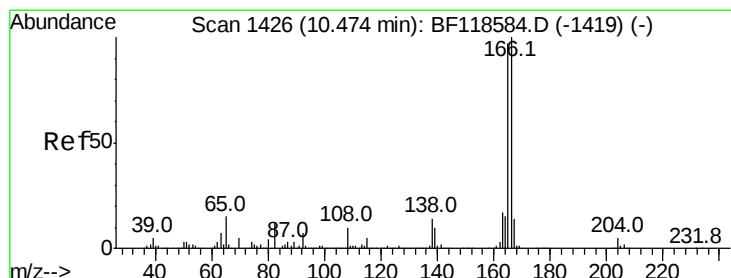
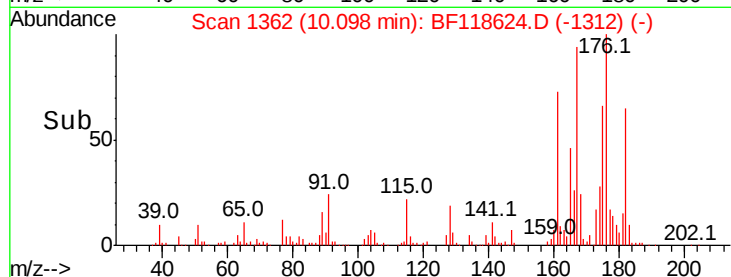
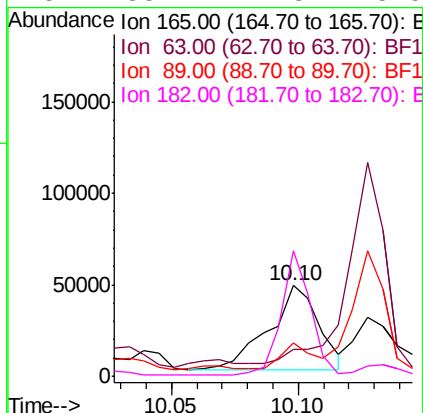
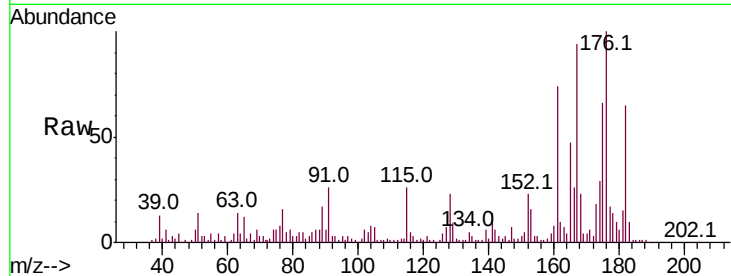




#57
2,4-Dinitrotoluene
Concen: 4.729 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

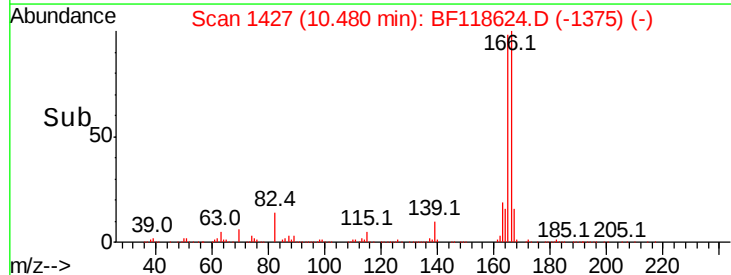
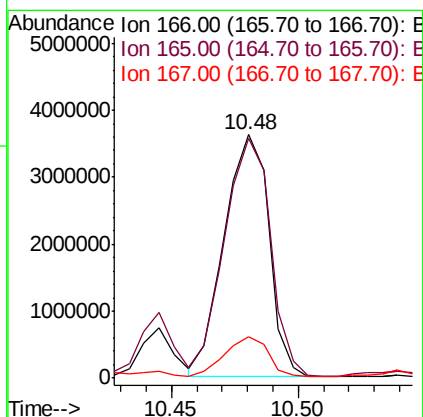
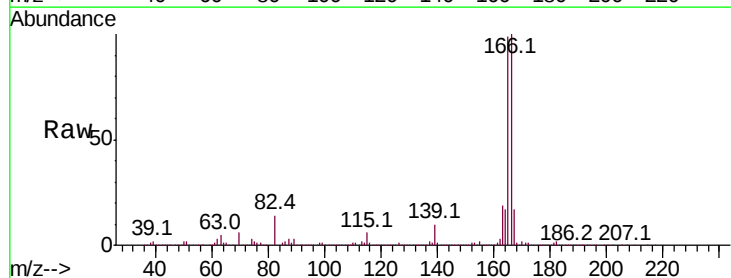
Instrument :
BNA_F
ClientSampleId :
DFTPP

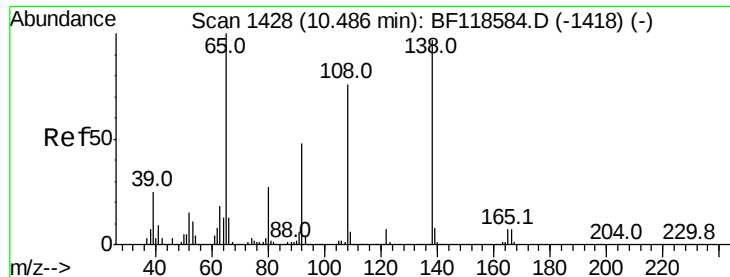
Tot Ion	Ratio	Lower	Upper
165	100		
63	29.4	32.4	48.6#
89	36.5	56.4	84.6#
182	138.1	2.3	3.5#



#58
Fluorene
Concen: 103.119 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.3	115.9
167	17.0	11.5	17.3

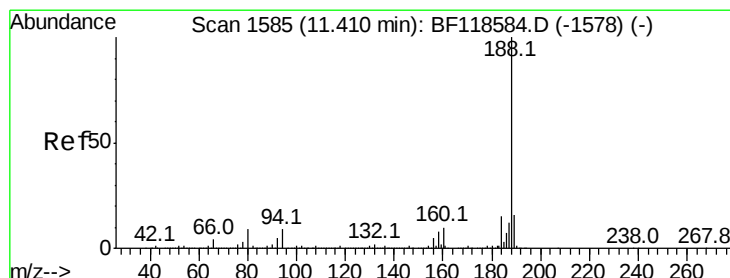
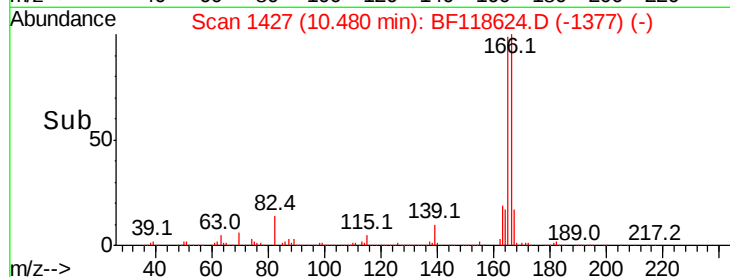
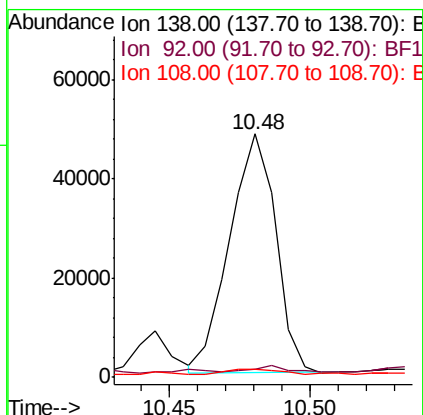
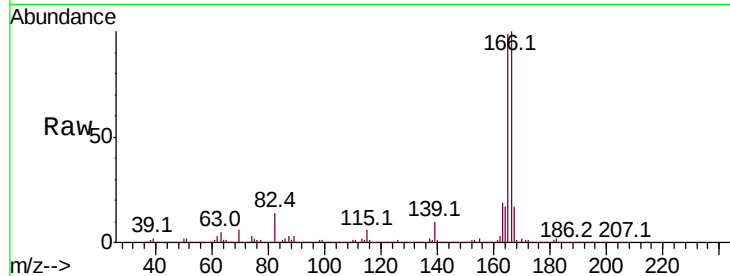




#62
4-Nitroaniline
Concen: 4.394 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

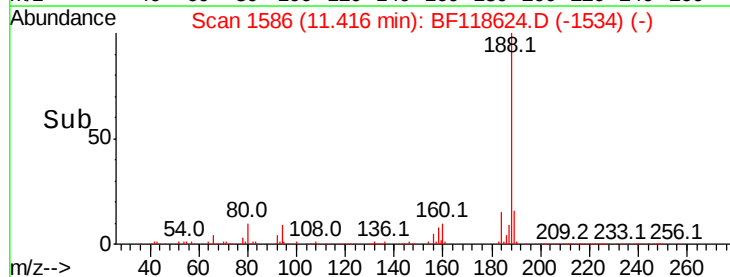
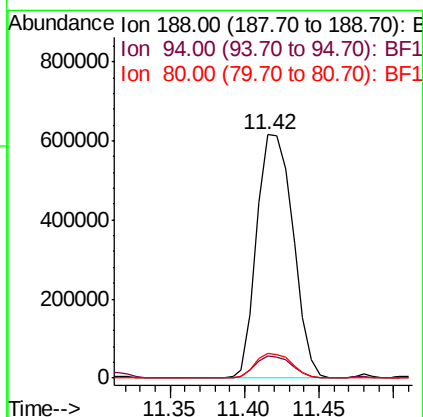
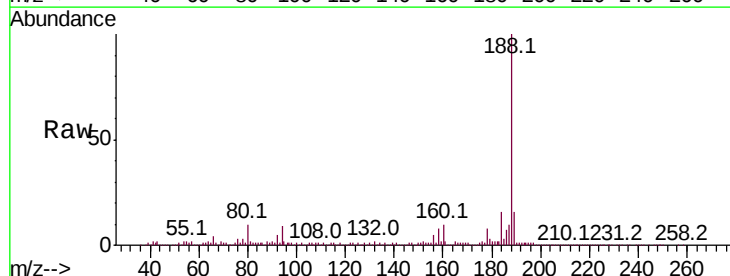
Instrument :
BNA_F
ClientSampleId :
DFTPP

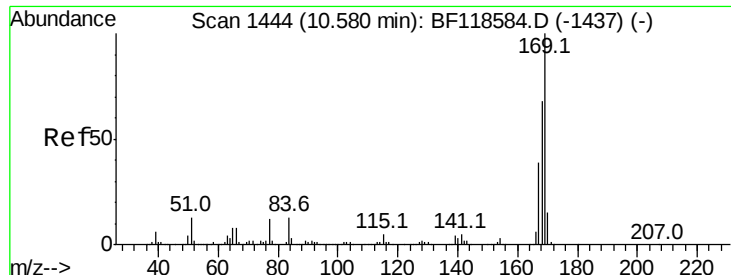
Tot Ion:138 Resp: 54560
Ion Ratio Lower Upper
138 100
92 3.4 29.4 69.4#
108 3.1 58.2 98.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

Tgt Ion:188 Resp: 1033573
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.2 7.5 11.3

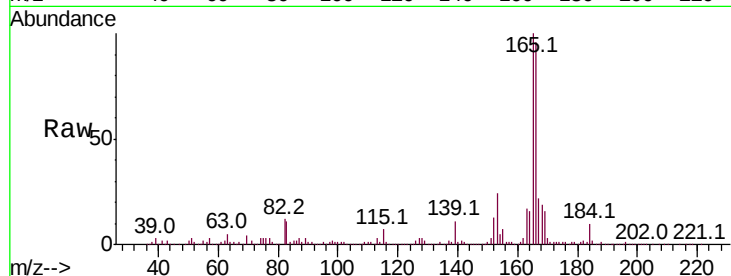




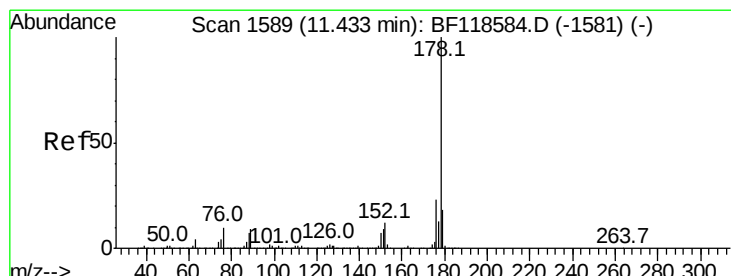
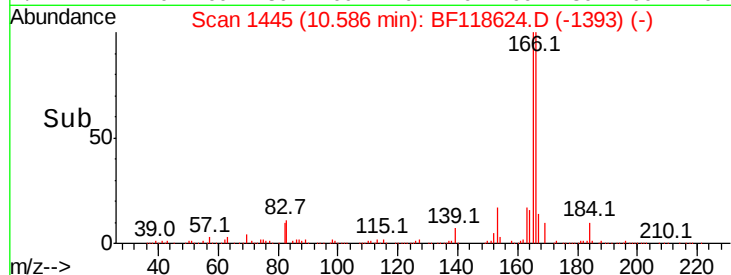
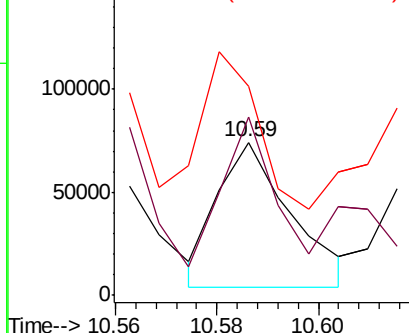
#66
 n-Nitrosodiphenylamine
 Concen: 2.251 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:169 Resp: 70157
 Ion Ratio Lower Upper
 169 100
 168 116.3 54.6 82.0#
 167 136.7 30.9 46.3#

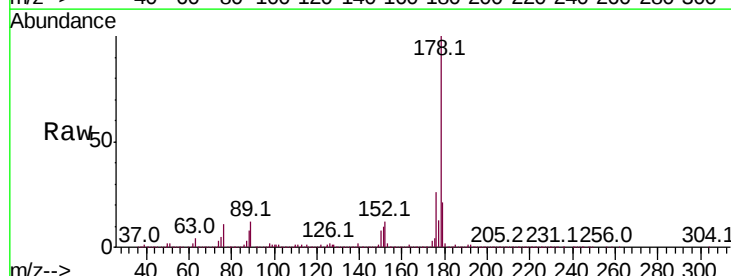


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

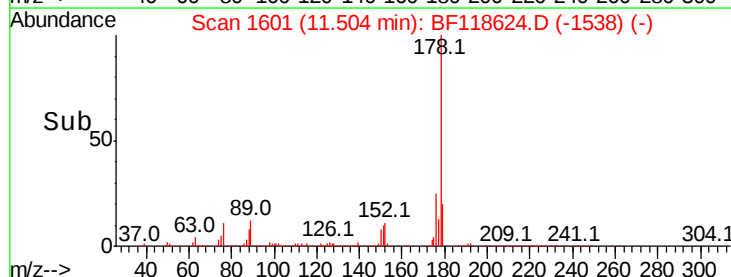
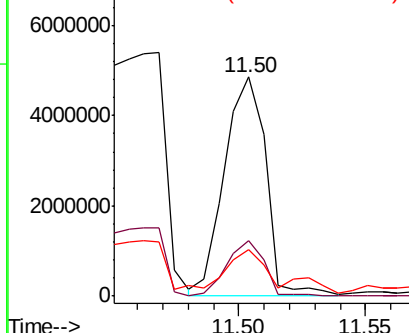


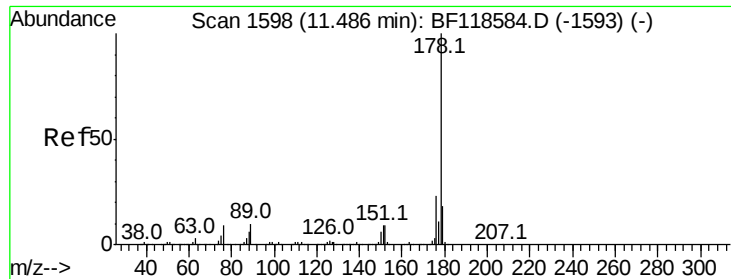
#71
 Phenanthrene
 Concen: 109.766 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.07 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

Tgt Ion:178 Resp: 5473376
 Ion Ratio Lower Upper
 178 100
 176 25.5 18.6 27.8
 179 21.0 14.7 22.1



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

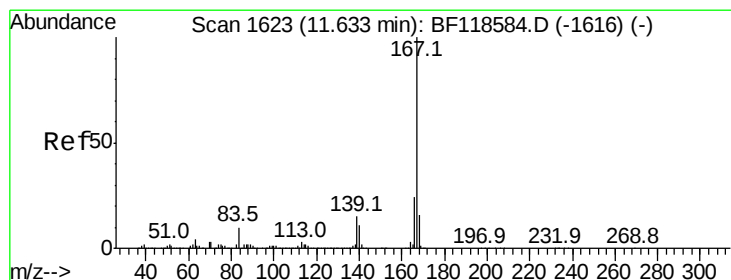
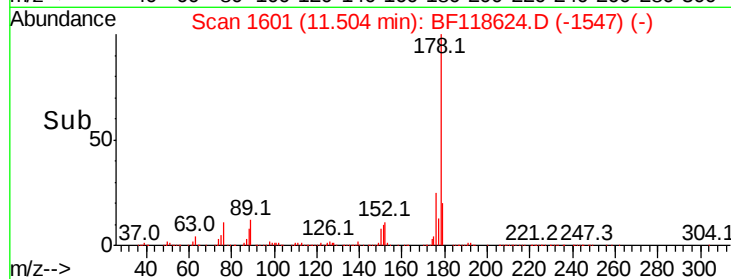
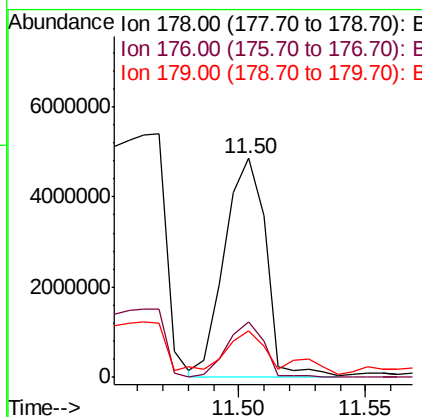
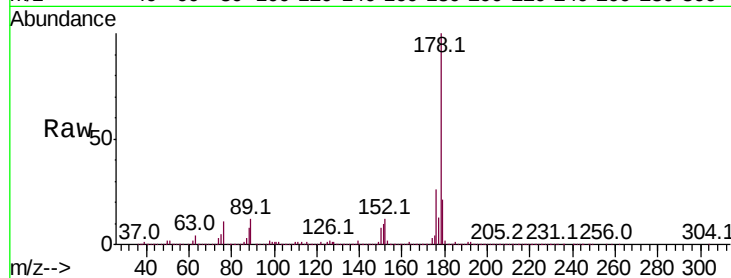




#72
 Anthracene
 Concen: 110.932 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.02 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

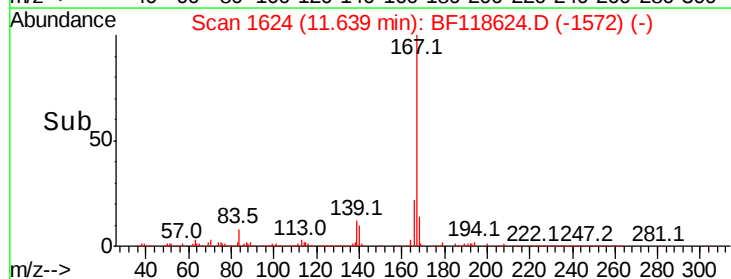
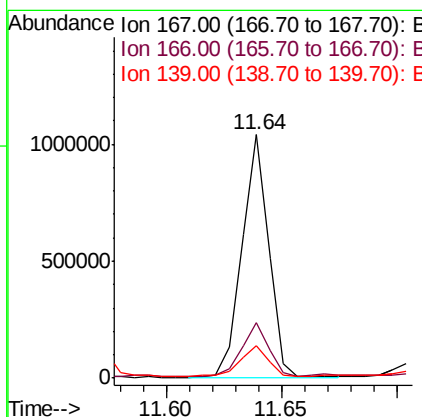
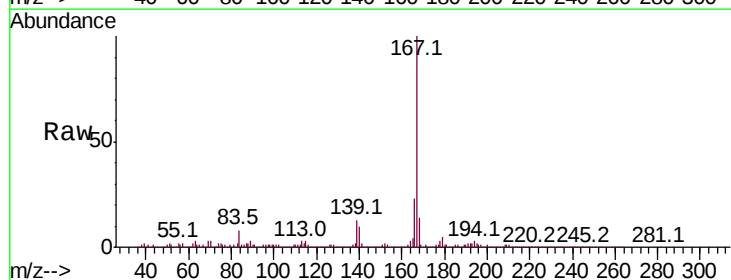
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

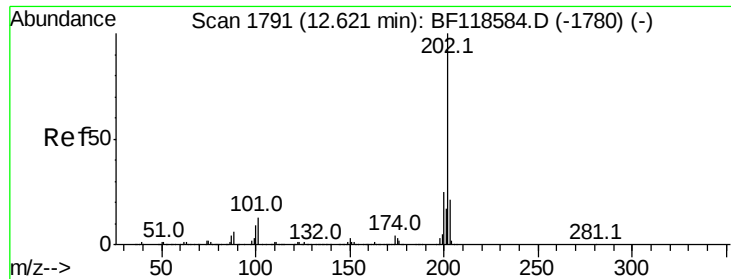
Tot Ion:178 Resp: 5473376
 Ion Ratio Lower Upper
 178 100
 176 25.5 18.0 27.0
 179 21.0 14.7 22.1



#73
 Carbazole
 Concen: 18.477 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

Tgt Ion:167 Resp: 836218
 Ion Ratio Lower Upper
 167 100
 166 22.8 19.4 29.2
 139 13.2 11.7 17.5





#75

Fluoranthene

Concen: 158.164 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

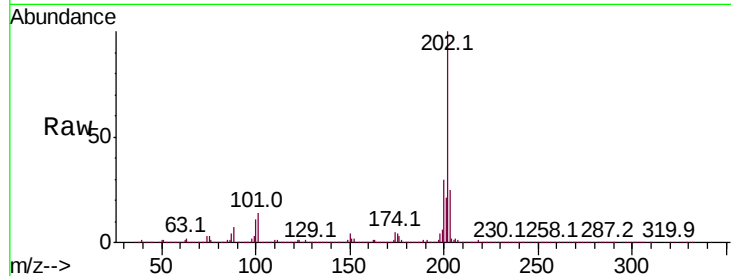
Tot Ion:202 Resp: 8318198

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	32.5
203	25.4	0.8	40.8

202 100

101 14.4 0.0 32.5

203 25.4 0.8 40.8

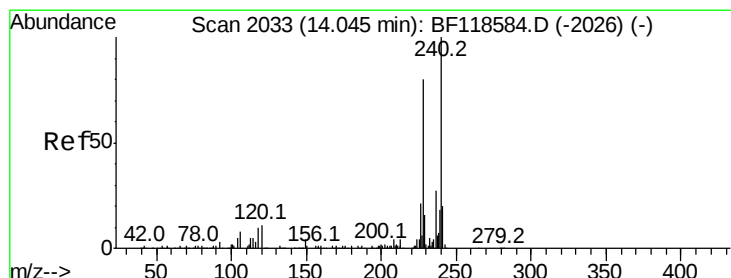
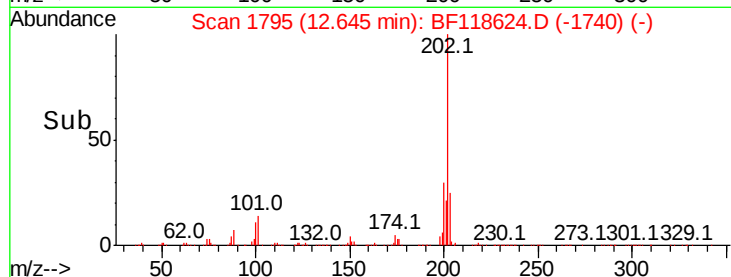
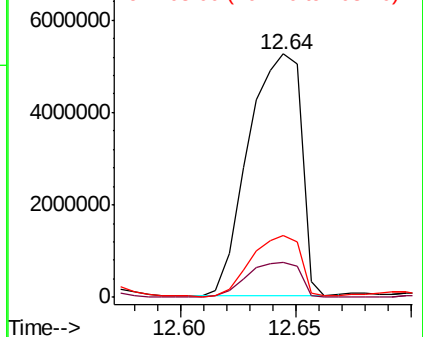


Abundance

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. 0.02 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

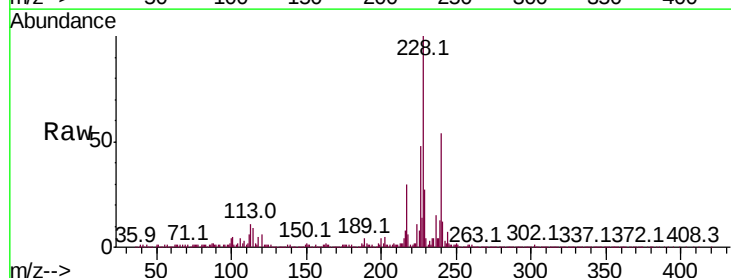
Tgt Ion:240 Resp: 728809

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	27.3	21.5	32.3

240 100

120 10.6 8.9 13.3

236 27.3 21.5 32.3

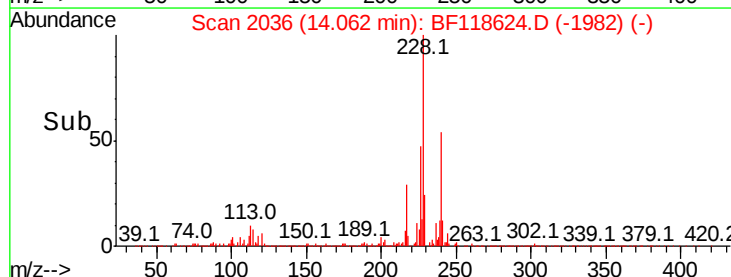
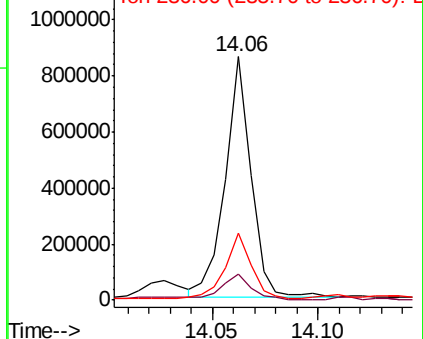


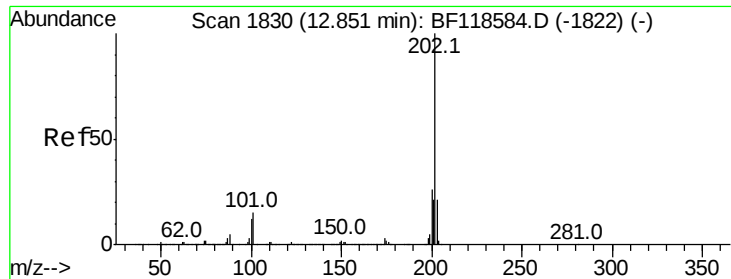
Abundance

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

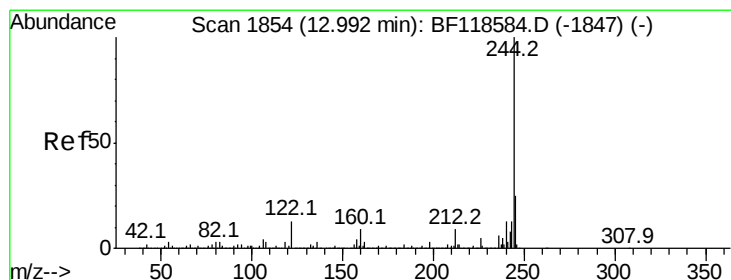
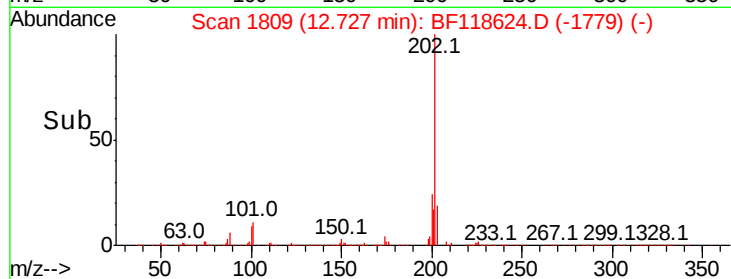
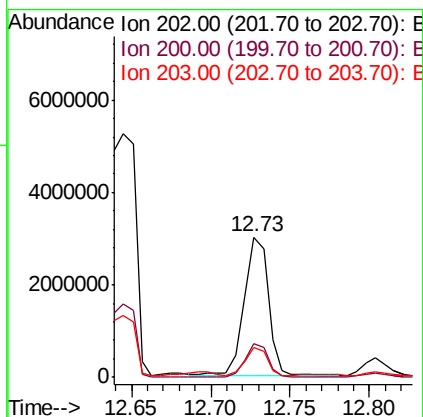
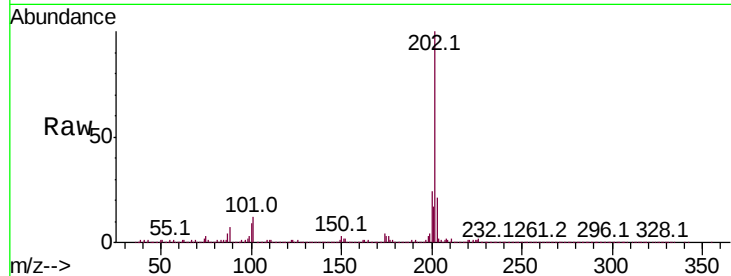




#78
Pvrene
Concen: 65.544 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.12 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

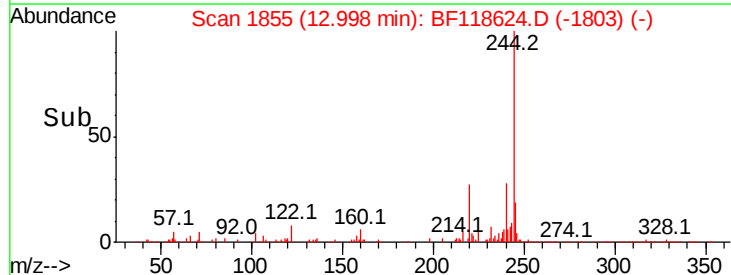
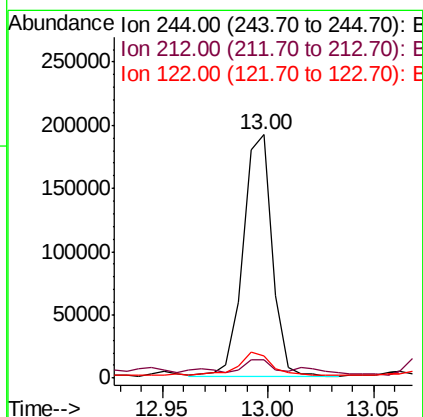
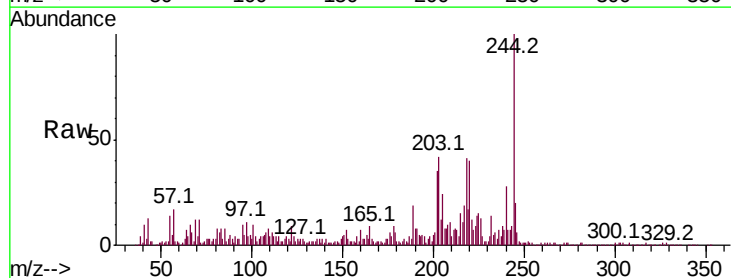
Instrument :
BNA_F
ClientSampleId :
DFTPP

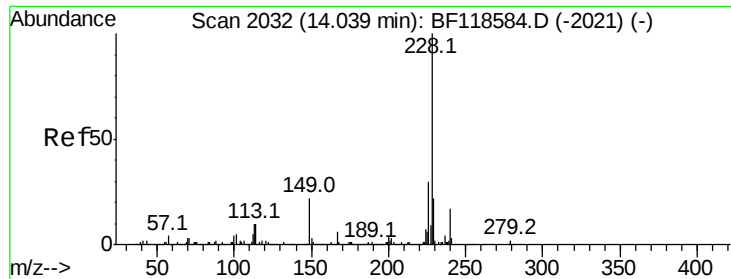
Tot Ion:202 Resp: 3243106
Ion Ratio Lower Upper
202 100
200 23.8 20.6 31.0
203 21.2 16.8 25.2



#79
Terphenyl-d14
Concen: 5.433 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

Tgt Ion:244 Resp: 181527
Ion Ratio Lower Upper
244 100
212 7.5 7.0 10.4
122 9.2 10.7 16.1#

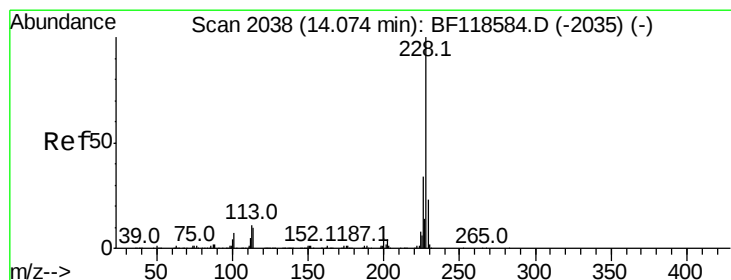
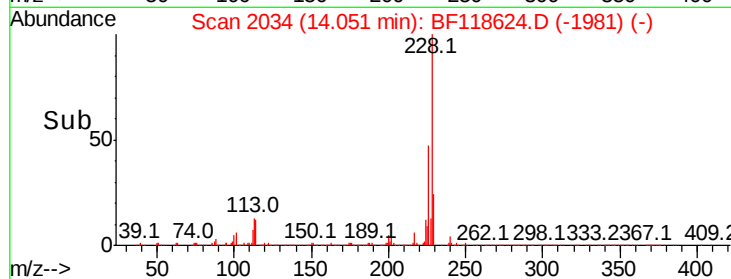
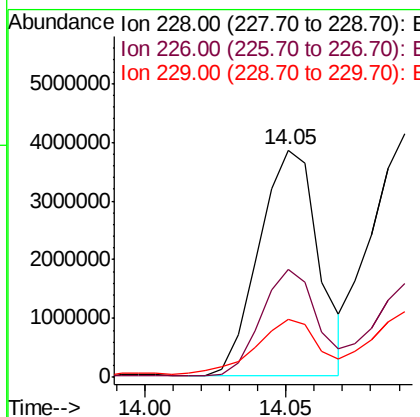
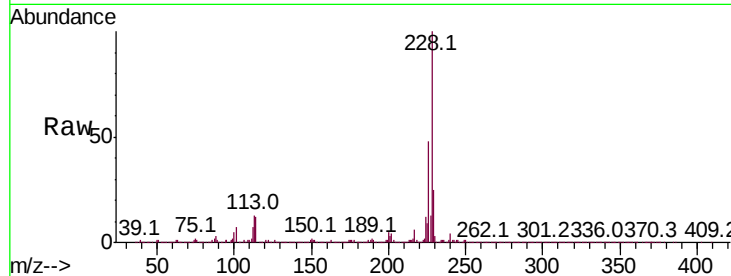




#81
Benzo(a)anthracene
Concen: 128.699 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

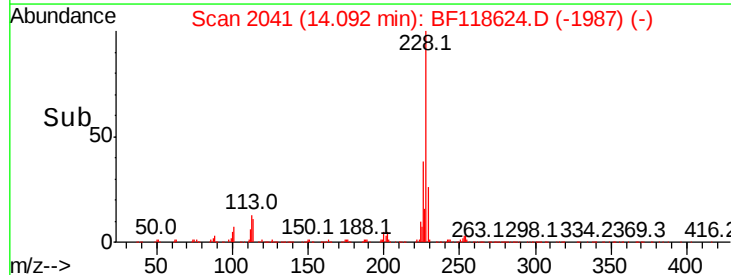
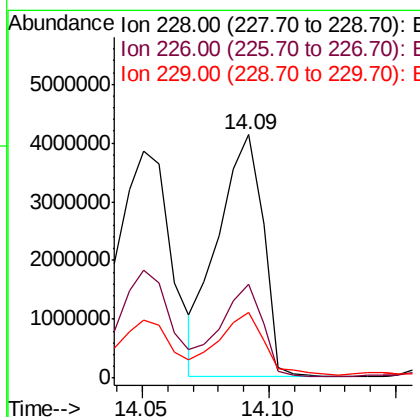
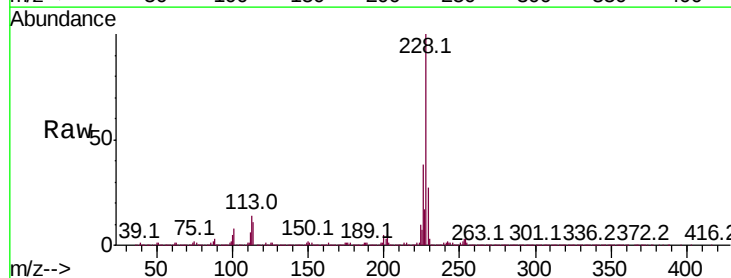
Instrument :
BNA_F
ClientSampleId :
DFTPP

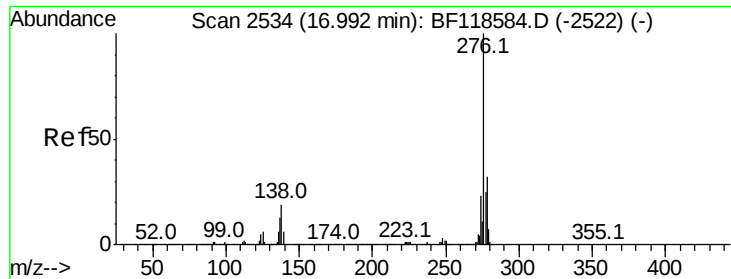
Tot Ion:228 Resp: 5642403
Ion Ratio Lower Upper
228 100
226 47.5 24.1 36.1#
229 25.4 17.6 26.4



#83
Chrysene
Concen: 121.257 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF118624.D
Acq: 21 Jan 2020 8:03

Tgt Ion:228 Resp: 5094967
Ion Ratio Lower Upper
228 100
226 38.5 27.4 41.0
229 26.9 18.3 27.5

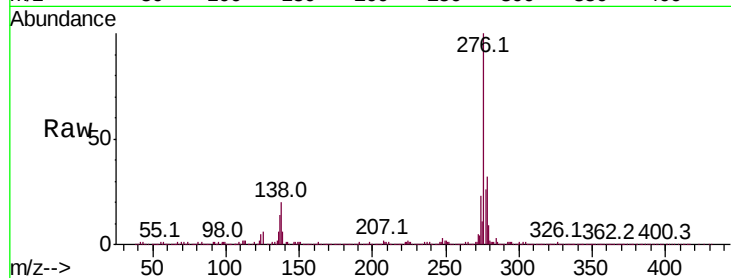




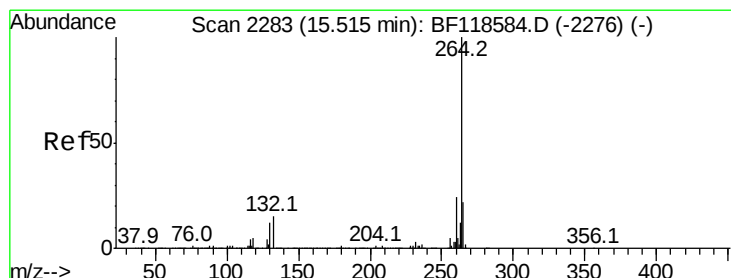
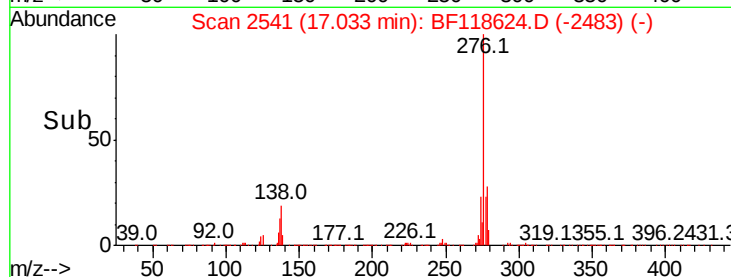
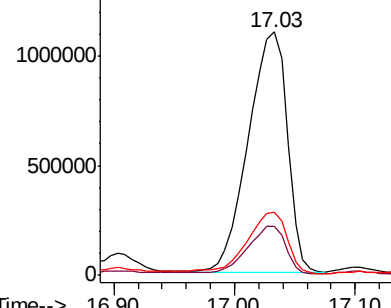
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 66.877 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. 0.04 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tot Ion:276 Resp: 2441632
 Ion Ratio Lower Upper
 276 100
 138 19.5 17.2 25.8
 277 26.8 20.5 30.7

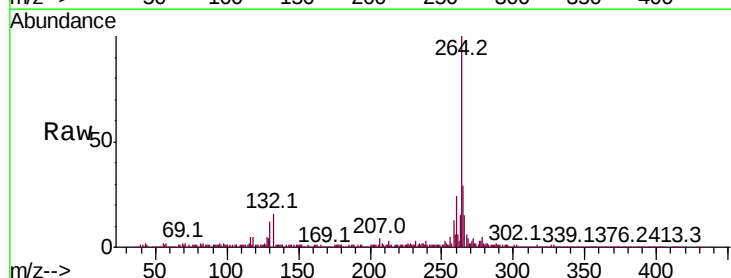


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

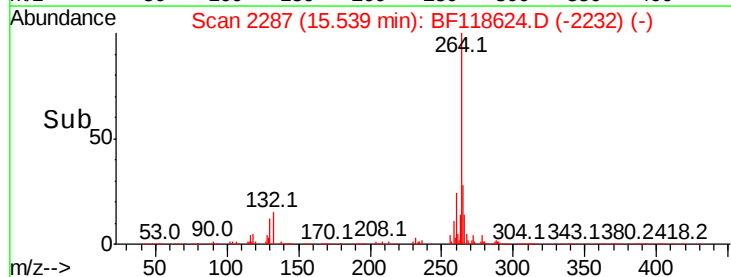
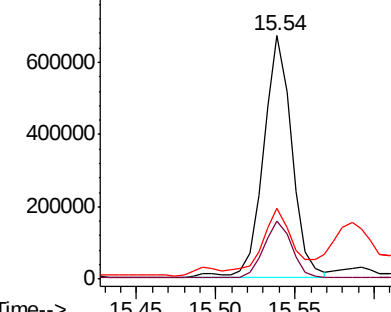


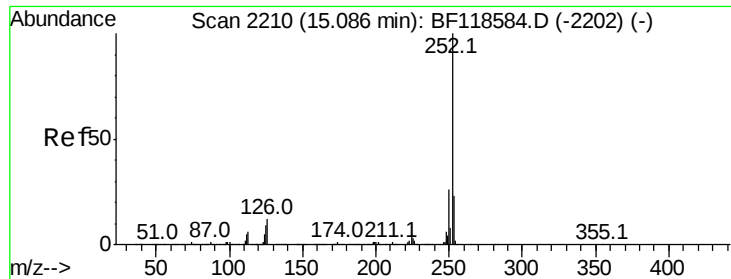
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.02 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

Tgt Ion:264 Resp: 833789
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 29.1 17.7 26.5#



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 135.054 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.03 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

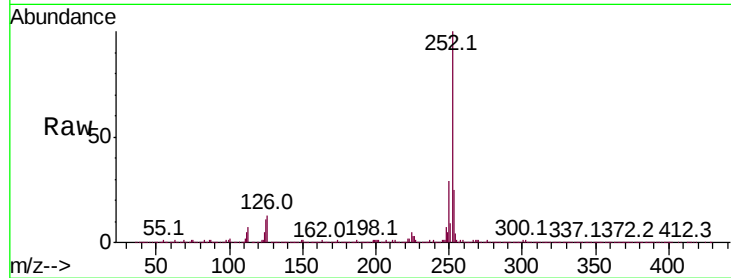
Tot Ion:252 Resp: 7078136

Ion Ratio Lower Upper

252 100

253 25.3 18.7 28.1

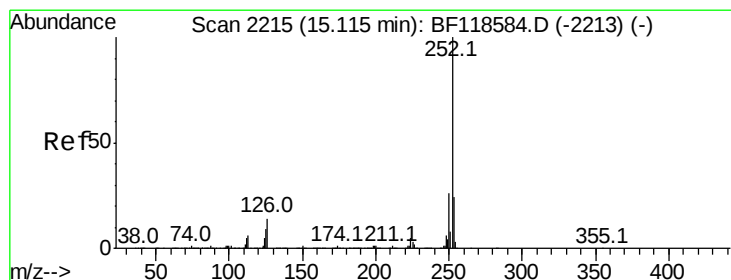
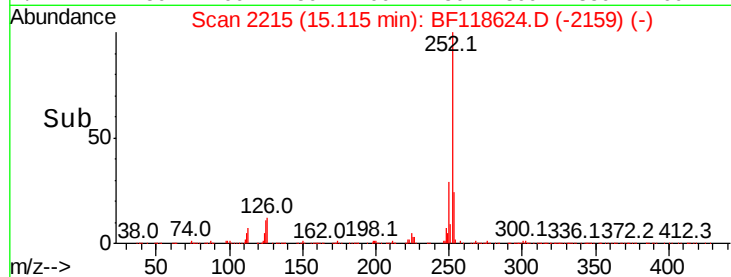
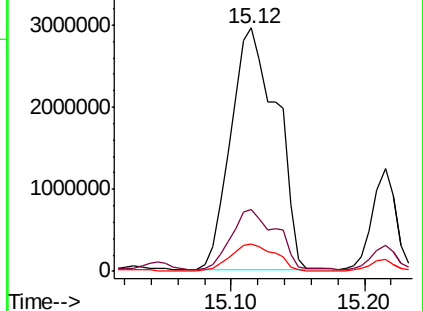
125 11.4 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 145.775 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

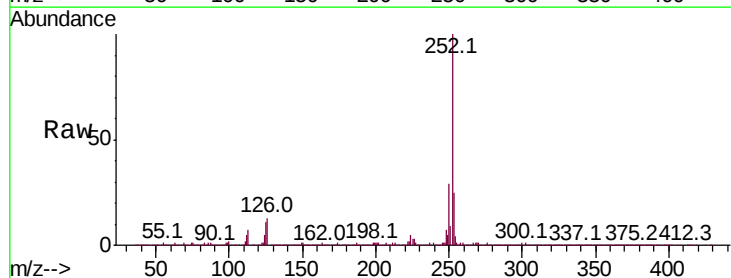
Tgt Ion:252 Resp: 7078136

Ion Ratio Lower Upper

252 100

253 25.3 19.0 28.4

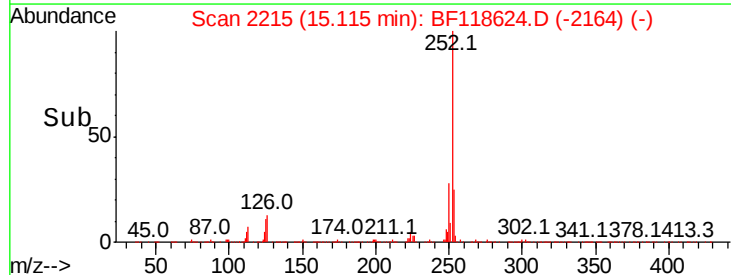
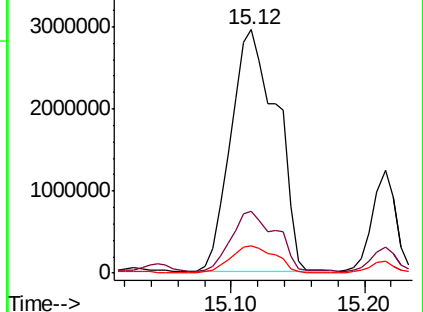
125 11.4 7.6 11.4#

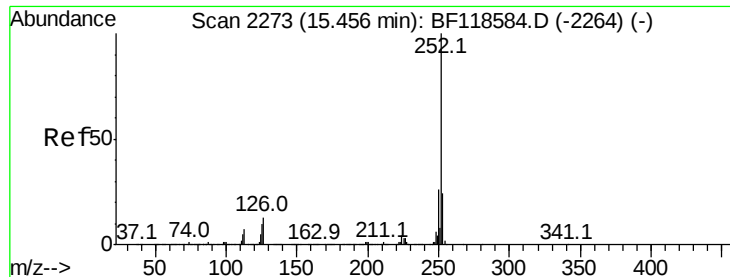


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 115.434 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.03 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

Instrument :

BNA_F

ClientSampleId :

DFTPP

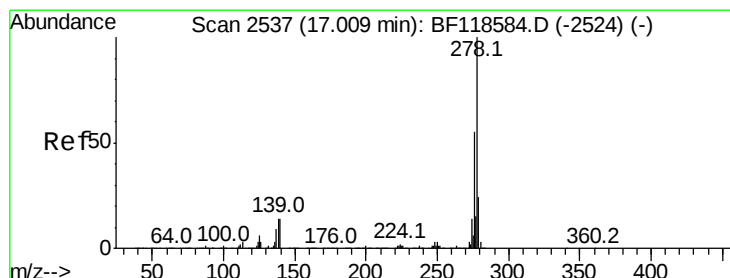
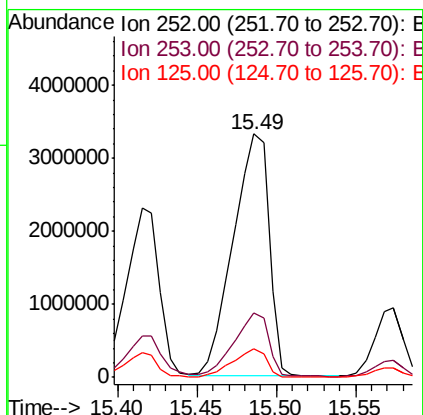
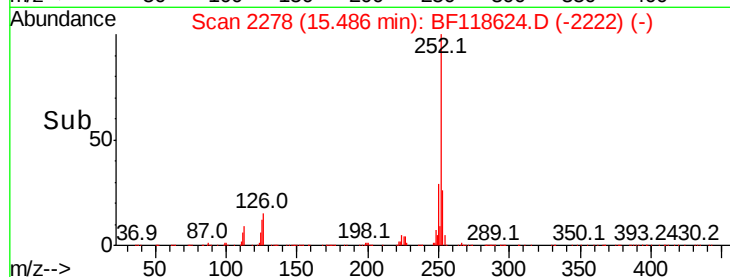
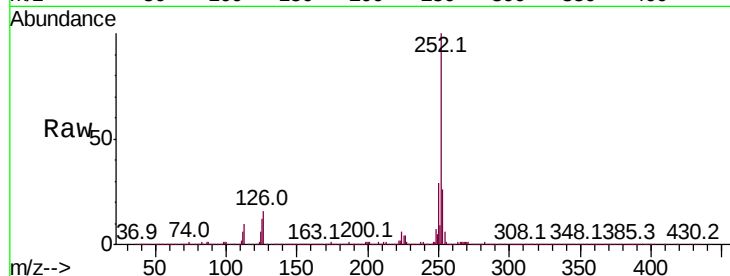
Tot Ion:252 Resp: 5218808

Ion Ratio Lower Upper

252 100

253 26.2 18.8 28.2

125 12.0 7.8 11.6#



#91

Dibenzo(a,h)anthracene

Concen: 16.483 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.03 min

Lab File: BF118624.D

Acq: 21 Jan 2020 8:03

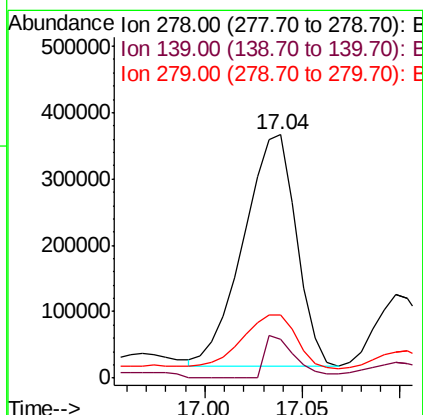
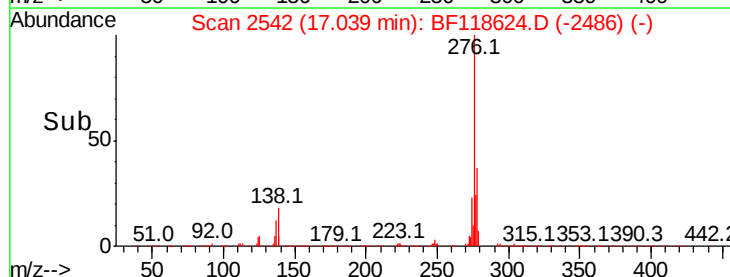
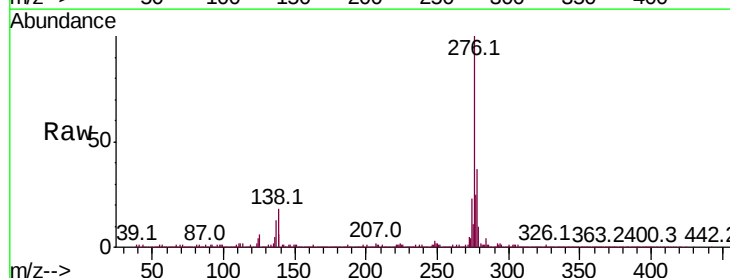
Tgt Ion:278 Resp: 659179

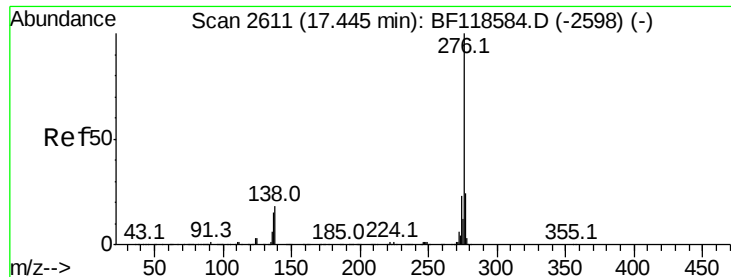
Ion Ratio Lower Upper

278 100

139 16.0 11.4 17.0

279 25.7 19.0 28.6



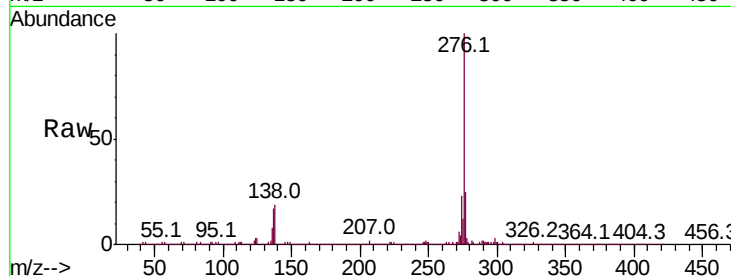


#92
 Benzo(a,h,i)perylene
 Concen: 68.265 ng
 RT: 17.49 min Scan# 2618
 Delta R.T. 0.04 min
 Lab File: BF118624.D
 Acq: 21 Jan 2020 8:03

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion:276 Resp: 2650681

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.9	28.3
138	19.4	14.4	21.6



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

