

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118902.D
 Acq On : 11 Feb 2020 23:55
 Operator : CG/JU
 Sample : L1482-03 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP6-EP1-1.5

Quant Time: Feb 12 06:53:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	179990	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	686396	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	454795	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	959569	20.00	ng	0.00
76) Chrysene-d12	13.99	240	511502	20.00	ng	0.00
87) Perylene-d12	15.44	264	551094	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	73516	7.73	ng	-0.01
7) Phenol-d6	6.44	99	104900	8.89	ng	-0.01
23) Nitrobenzene-d5	7.36	82	73179	6.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	51355	9.44	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	207902	8.17	ng	-0.02
79) Terphenyl-d14	12.92	244	315165	12.66	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.36	77	3687	Below Cal	#	1
18) Hexachloroethane	7.34	117	17619	3.904	ng	1
25) Isophorone	7.36	82	71165	3.439	ng	63
27) 2,4-Dimethylphenol	7.75	122	19923	2.393	ng	94
31) Naphthalene	8.13	128	8702134	277.200	ng	93
33) 4-Chloroaniline	8.13	127	1407670	100.225	ng	35
37) 2-Methylnaphthalene	8.82	142	4467057	205.170	ng	92
38) 1-Methylnaphthalene	8.92	142	3495128	170.646	ng	99
46) 1,1'-Biphenyl	9.27	154	1575727	50.086	ng	99
47) 2-Chloronaphthalene	9.34	162	295119	11.284	ng	45
49) Acenaphthylene	9.71	152	759728	20.118	ng	87
51) 2,6-Dinitrotoluene	9.54	165	32207	4.545	ng	1
52) Acenaphthene	9.88	154	682551	27.429	ng	95
55) Dibenzofuran	10.05	168	386961	10.760	ng	80
56) 4-Nitrophenol	9.95	139	33652	5.917	ng	34
57) 2,4-Dinitrotoluene	10.02	165	59878	6.386	ng	69
58) Fluorene	10.58	166	119326	4.411	ng	94
62) 4-Nitroaniline	10.40	138	37120	4.717	ng	26
66) n-Nitrosodiphenylamine	10.51	169	99951	3.596	ng	17
71) Phenanthrene	11.42	178	2150691	45.554	ng	98
72) Anthracene	11.42	178	2150691	45.791	ng	99
73) Carbazole	11.57	167	539245	13.082	ng	99
75) Fluoranthene	12.57	202	5331266	103.425	ng	95
78) Pyrene	12.65	202	306839	8.744	ng	94
81) Benzo(a)anthracene	13.97	228	2786089	91.535	ng	92
83) Chrysene	14.02	228	2680696	87.752	ng	95
86) Indeno(1,2,3-cd)pyrene	16.89	276	844657	27.520	ng	97
88) Benzo(b)fluoranthene	15.03	252	2820439	82.478	ng	98
89) Benzo(k)fluoranthene	15.03	252	2820439	94.714	ng	97
90) Benzo(a)pyrene	15.39	252	2381182	81.365	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	297455	11.449	ng	88
92) Benzo(a,h,i)perylene	17.33	276	883901	35.377	ng	98

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Instrument :
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ClientSampleId :
TP6-EP1-1.5

Quant Time: Feb 12 06:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

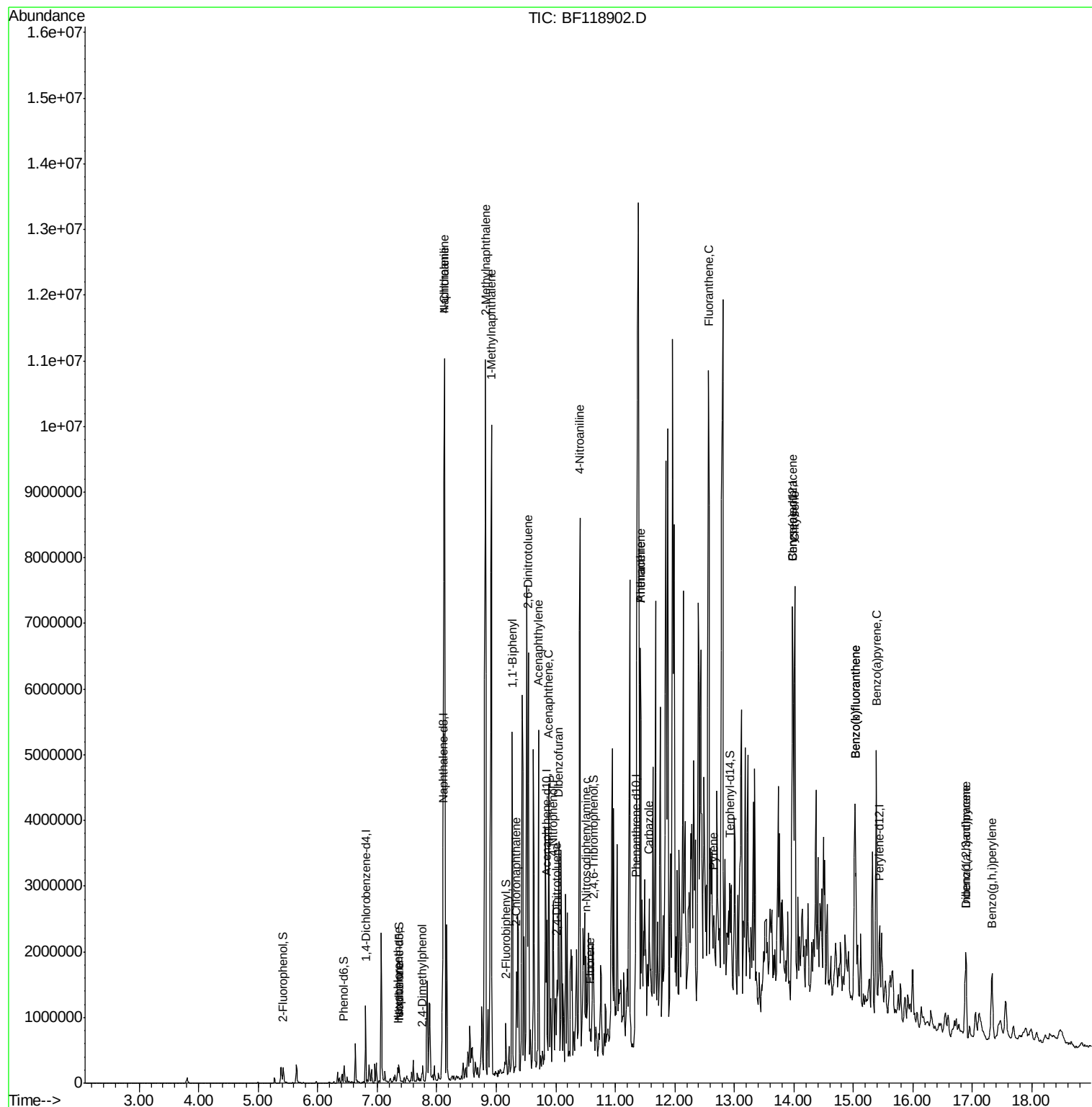
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

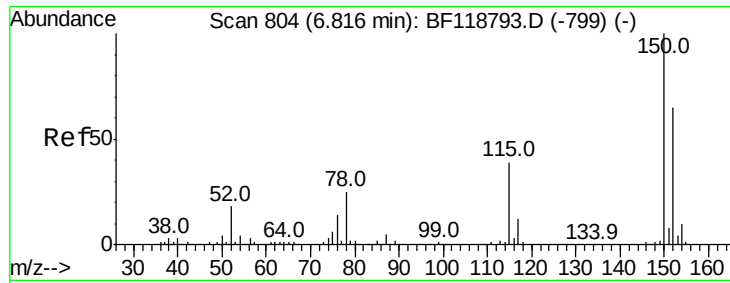
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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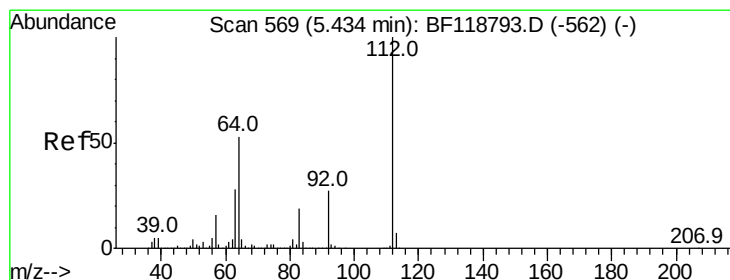
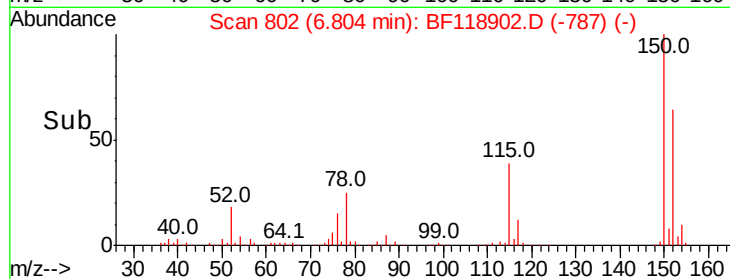
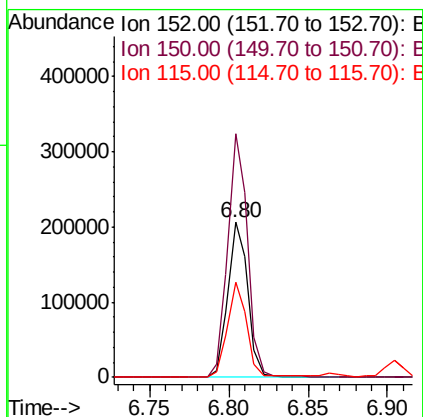
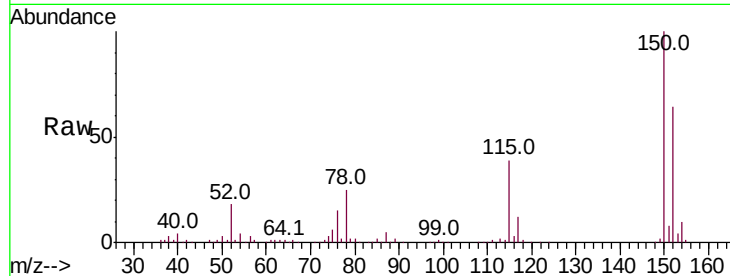


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118902.D
Acq: 11 Feb 2020 23:55

Instrument :
BNA_F
ClientSampleId :
TP6-EP1-1.5

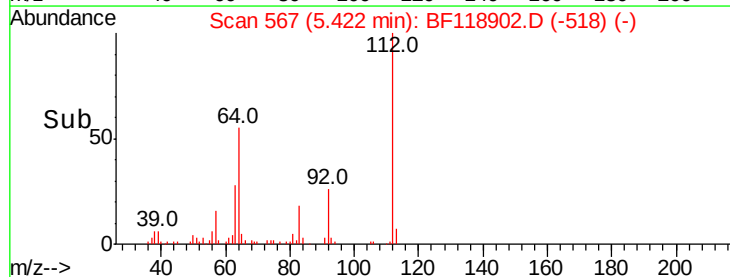
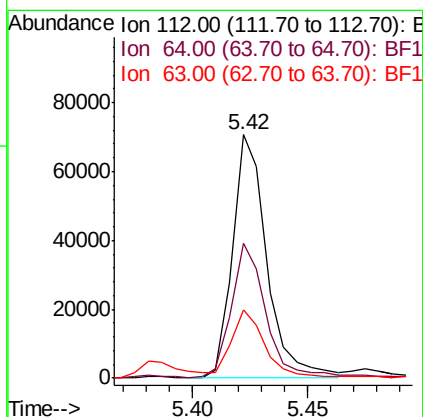
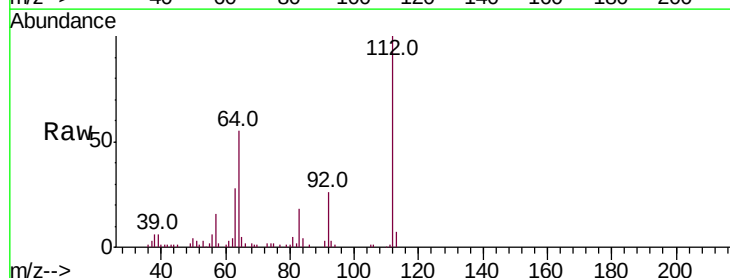
Tot Ion:152 Resp: 179990
Ion Ratio Lower Upper
152 100
150 157.1 123.6 185.4
115 61.0 48.2 72.2

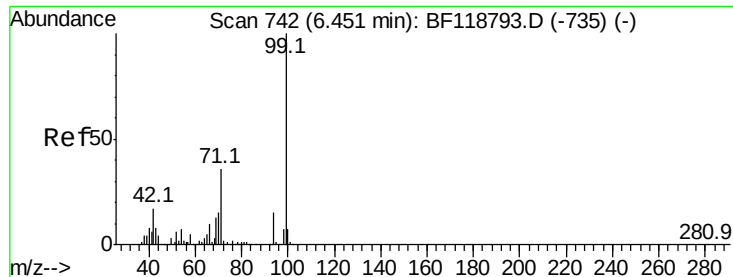


#5

2-Fluorophenol
Concen: 7.732 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118902.D
Acq: 11 Feb 2020 23:55

Tgt Ion:112 Resp: 73516
Ion Ratio Lower Upper
112 100
64 55.1 42.6 63.8
63 28.2 22.2 33.4





#7

Phenol-d6

Concen: 8.887 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :

BNA_F

ClientSampleId :

TP6-EP1-1.5

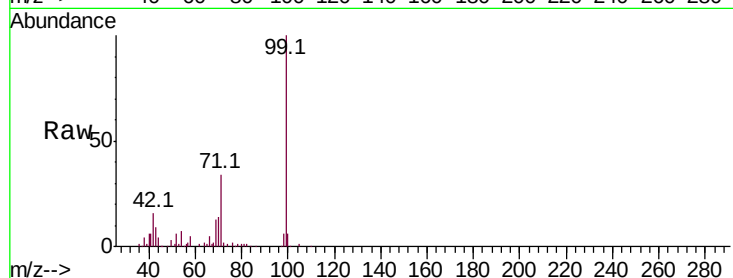
Tot Ion: 99 Resp: 104900

Ion Ratio Lower Upper

99 100

42 15.6 13.4 20.0

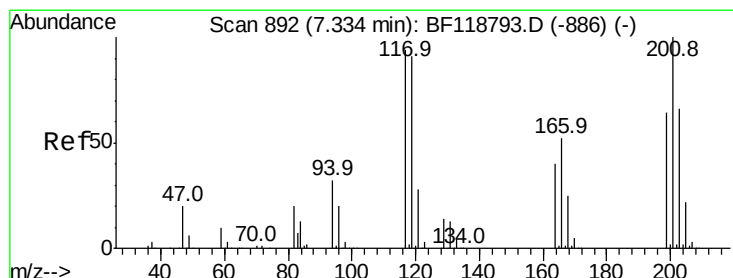
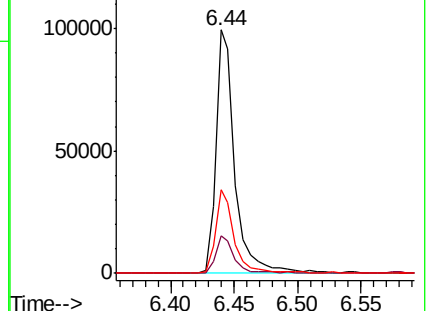
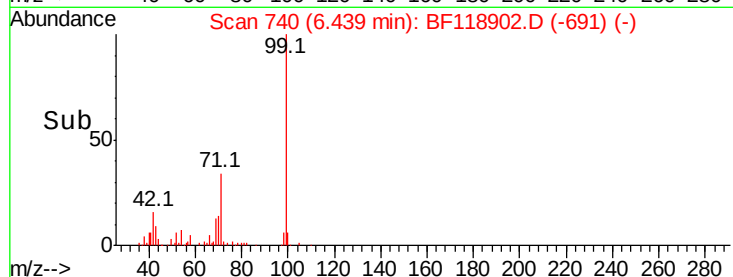
71 34.4 29.0 43.6



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: 3.904 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

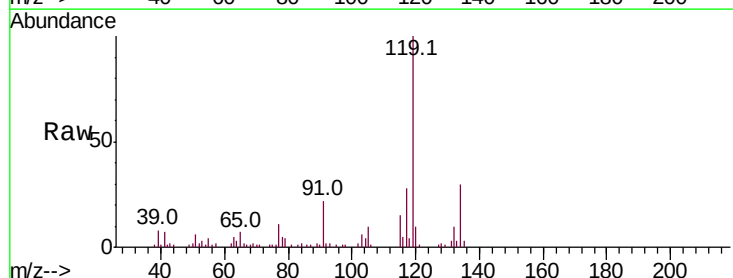
Tgt Ion: 117 Resp: 17619

Ion Ratio Lower Upper

117 100

119 358.8 77.4 116.0#

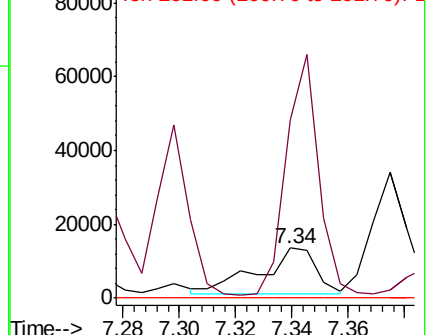
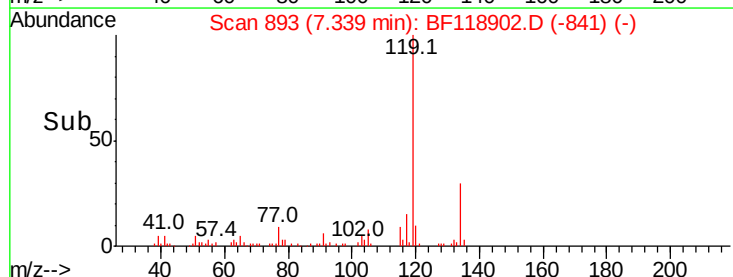
201 0.0 85.1 127.7#

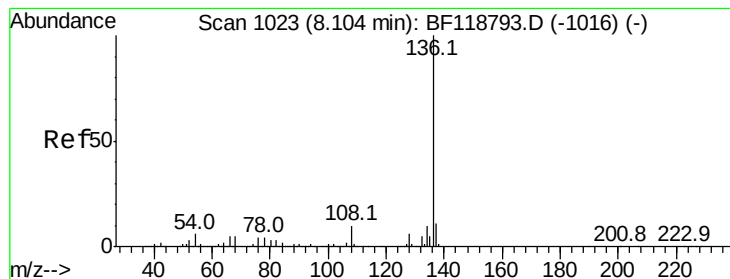


Abundance Ion 117.00 (116.70 to 117.70): E

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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :

BNA_F

ClientSampleId :

TP6-EP1-1.5

Tot Ion:136 Resp: 686396

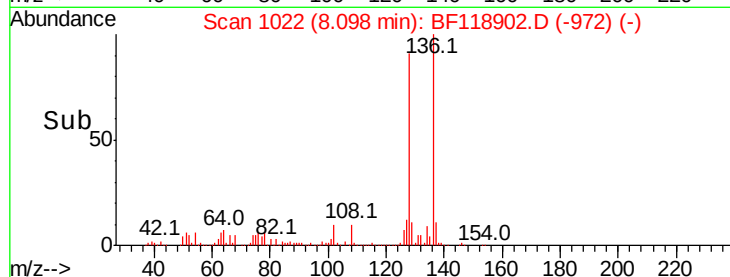
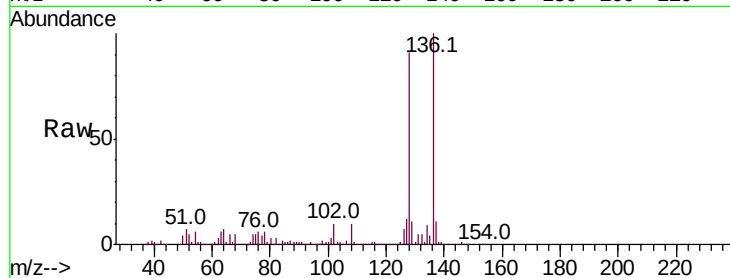
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.1 5.0 7.6

68 5.4 4.2 6.4

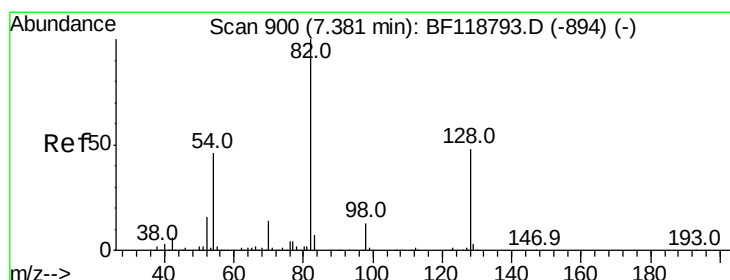
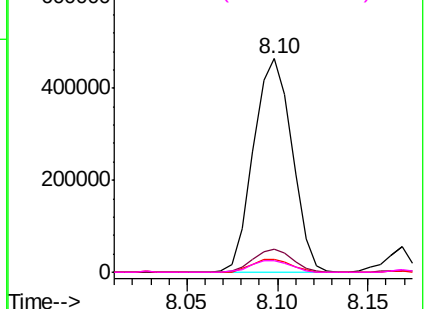


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.355 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

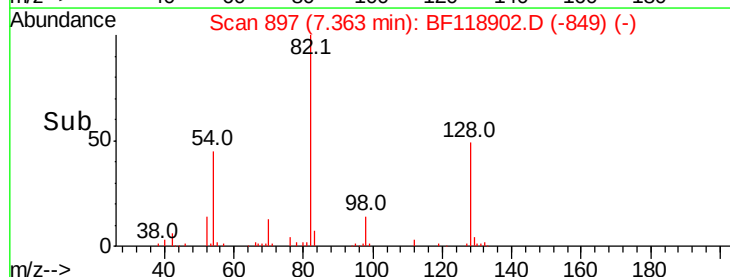
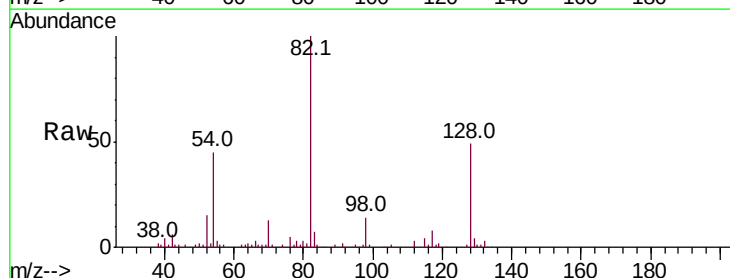
Tgt Ion: 82 Resp: 73179

Ion Ratio Lower Upper

82 100

128 49.5 38.5 57.7

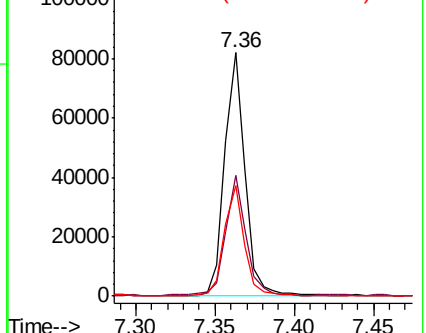
54 45.4 36.7 55.1

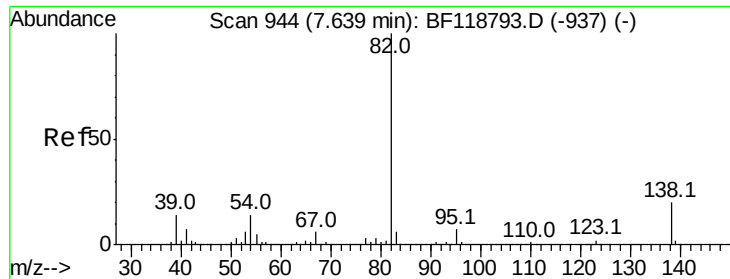


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 3.439 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :

BNA_F

ClientSampleId :

TP6-EP1-1.5

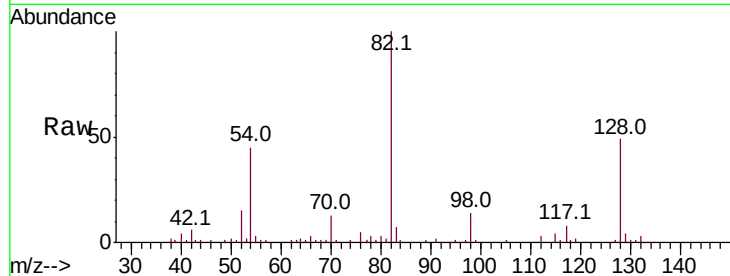
Tot Ion: 82 Resp: 71165

Ion Ratio Lower Upper

82 100

95 0.6 6.0 9.0#

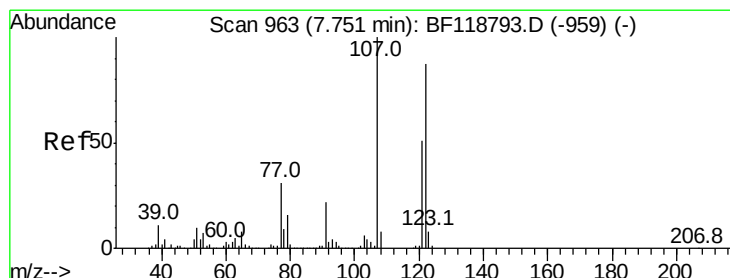
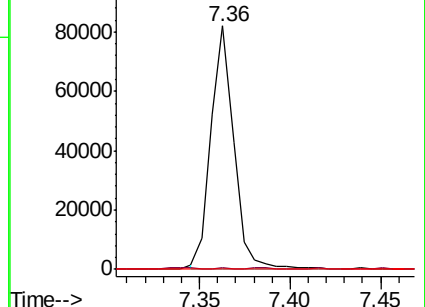
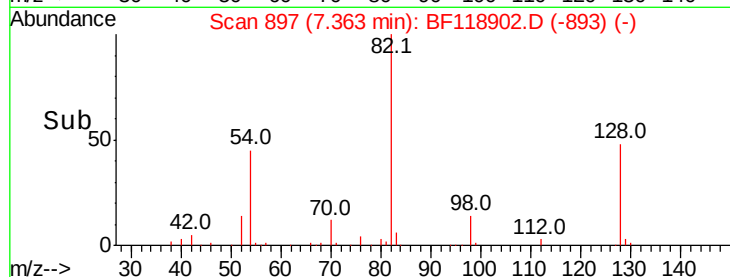
138 0.0 15.7 23.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 2.393 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

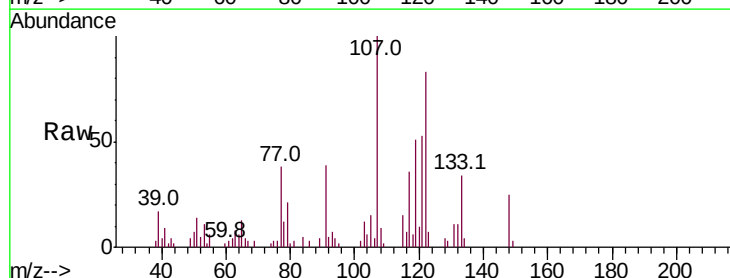
Tgt Ion:122 Resp: 19923

Ion Ratio Lower Upper

122 100

107 120.1 92.2 138.2

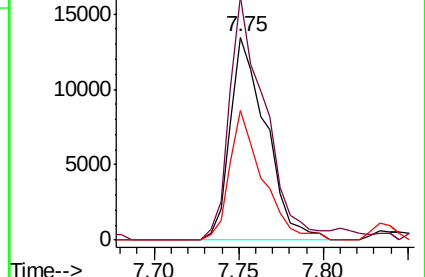
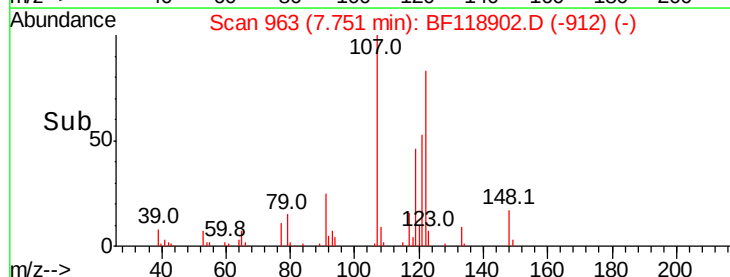
121 64.1 46.8 70.2

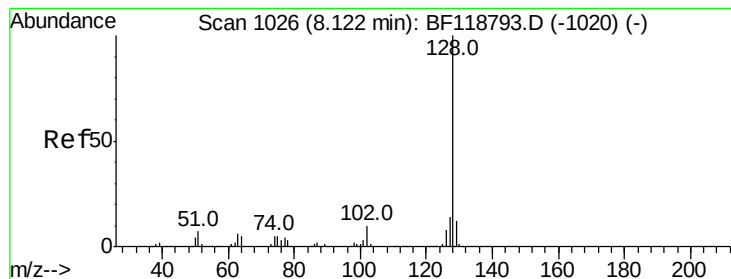


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 277.200 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :

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ClientSampleId :

TP6-EP1-1.5

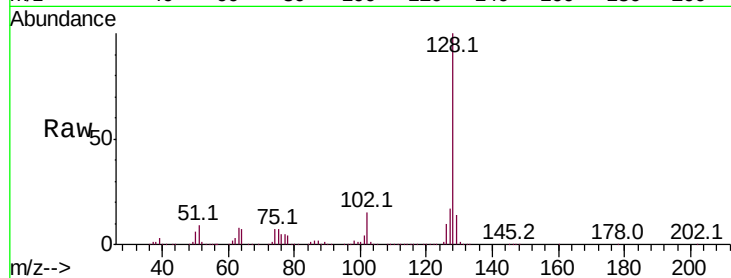
Tot Ion:128 Resp: 8702134

Ion Ratio Lower Upper

128 100

129 14.5 9.4 14.2#

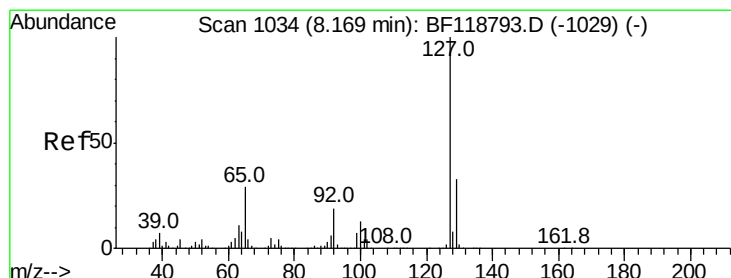
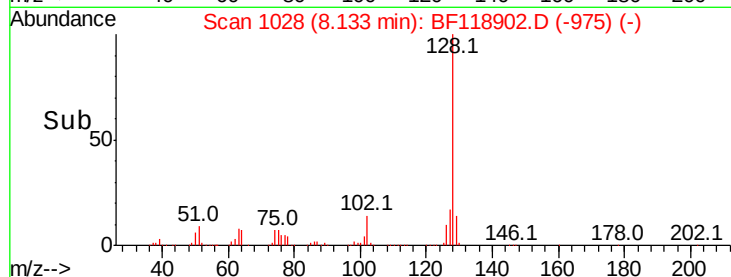
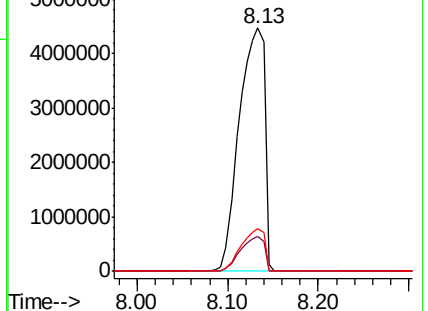
127 17.3 11.3 16.9#



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: 100.225 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.04 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Tgt Ion:127 Resp: 1407670

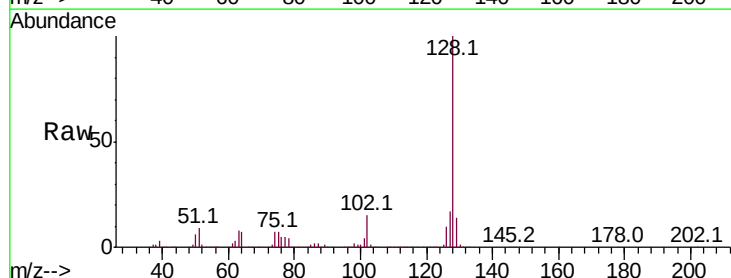
Ion Ratio Lower Upper

127 100

129 83.4 26.7 40.1#

65 0.0 22.9 34.3#

92 0.0 15.4 23.0#

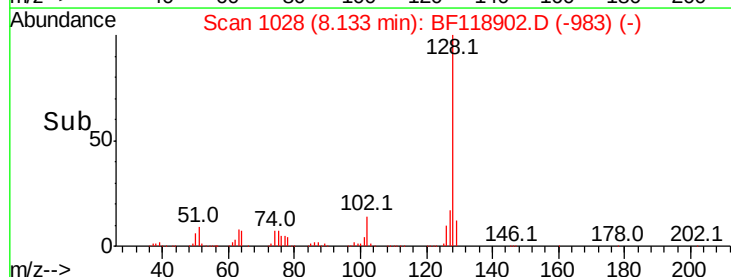
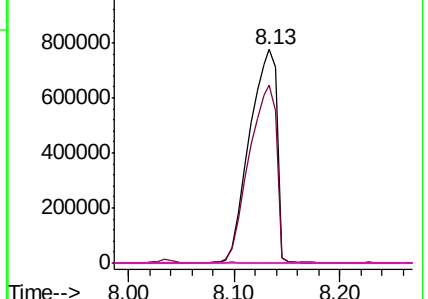


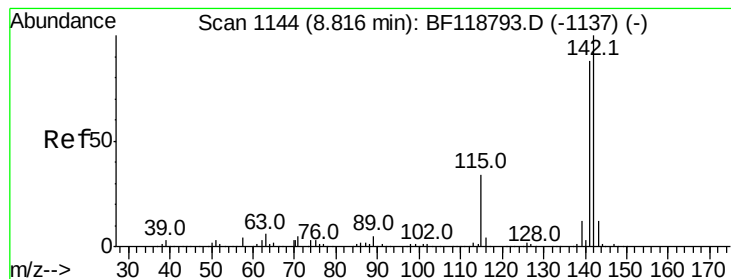
Abundance Ion 127.00 (126.70 to 127.70): E

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

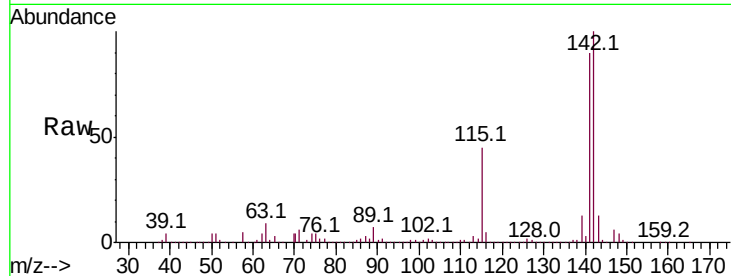




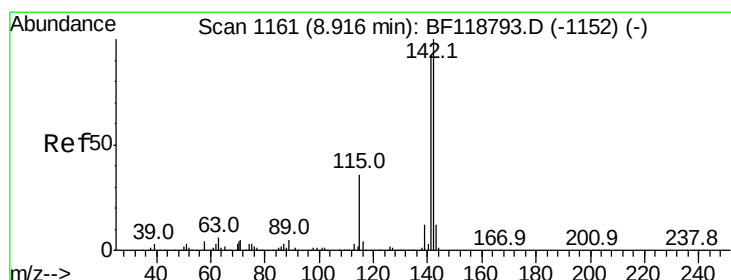
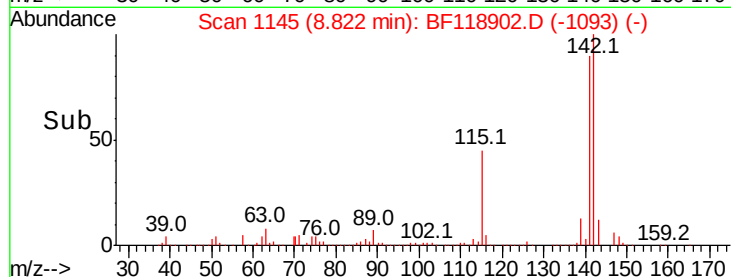
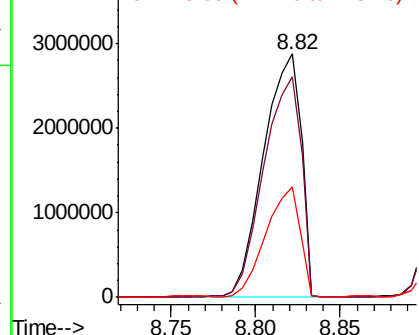
#37
 2-Methylnaphthalene
 Concen: 205.170 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: BF118902.D
 Acq: 11 Feb 2020 23:55

Instrument :
 BNA_F
 ClientSampleId :
 TP6-EP1-1.5

Tot Ion:142 Resp: 4467057
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.1 105.1
 115 45.3 27.3 40.9#

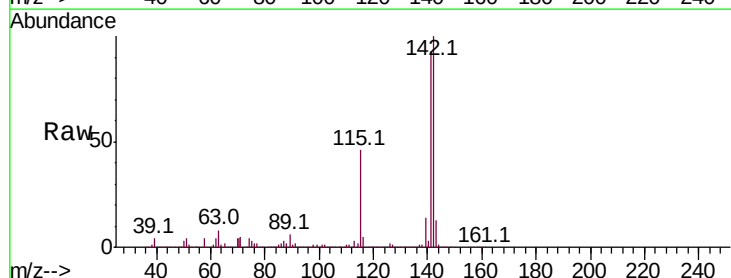


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

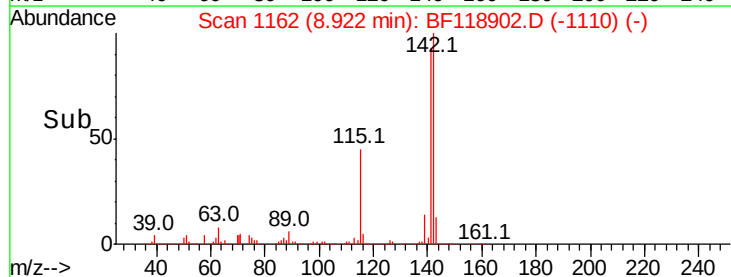
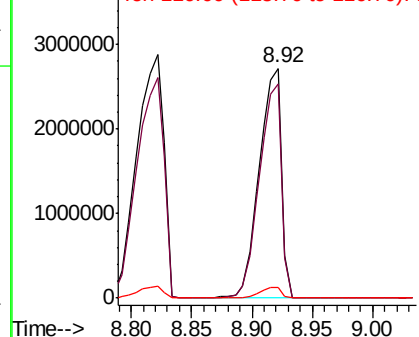


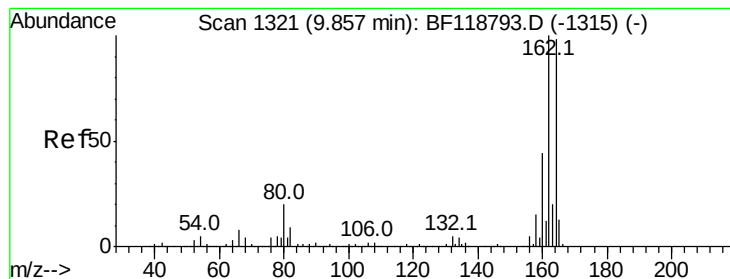
#38
 1-Methylnaphthalene
 Concen: 170.646 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF118902.D
 Acq: 11 Feb 2020 23:55

Tgt Ion:142 Resp: 3495128
 Ion Ratio Lower Upper
 142 100
 141 93.1 73.8 110.6
 116 4.9 3.0 4.4#



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :

BNA_F

ClientSampleId :

TP6-EP1-1.5

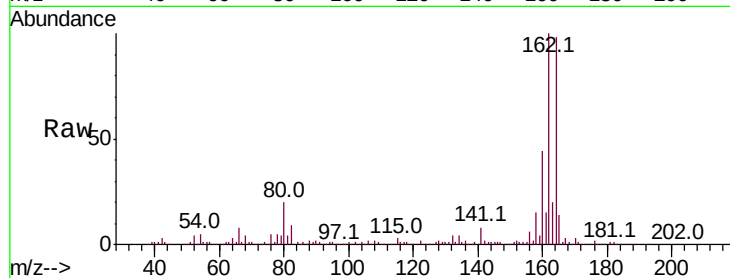
Tot Ion:164 Resp: 454795

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.2

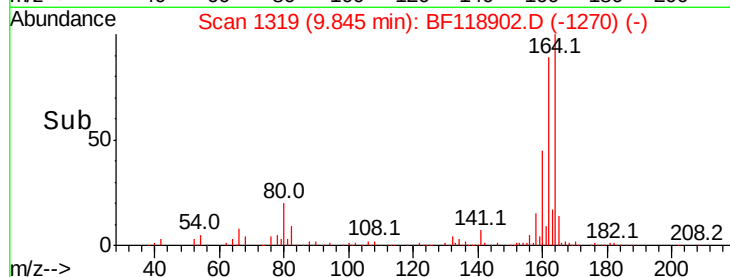
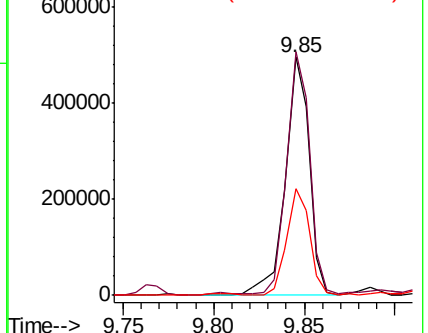
160 45.0 35.6 53.4



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: 9.437 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

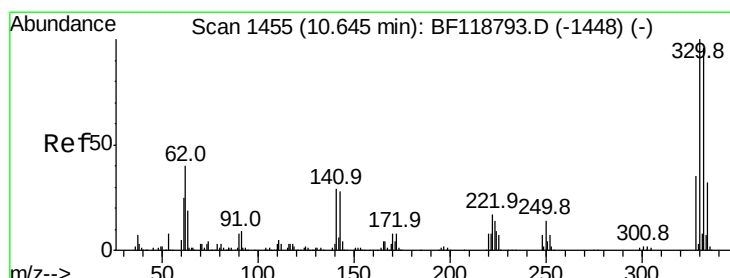
Tgt Ion:330 Resp: 51355

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

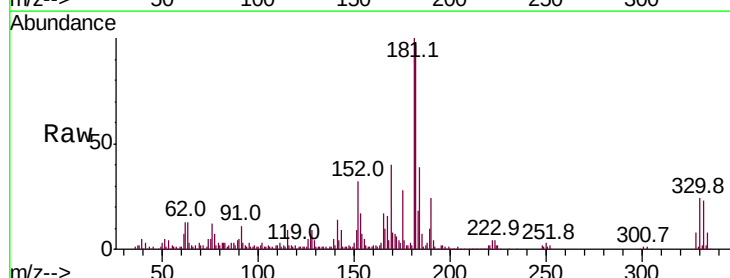
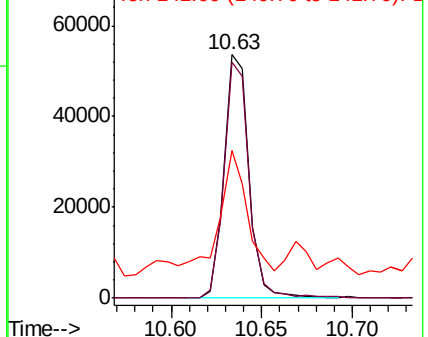
141 50.8 22.4 33.6#

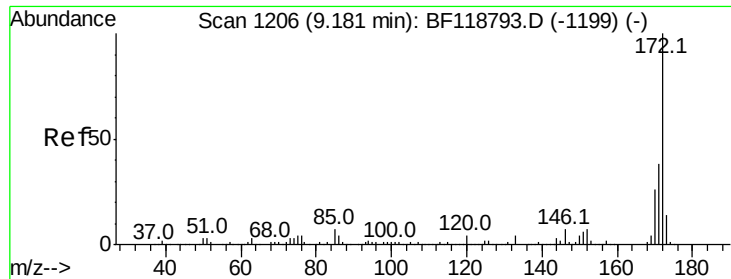


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

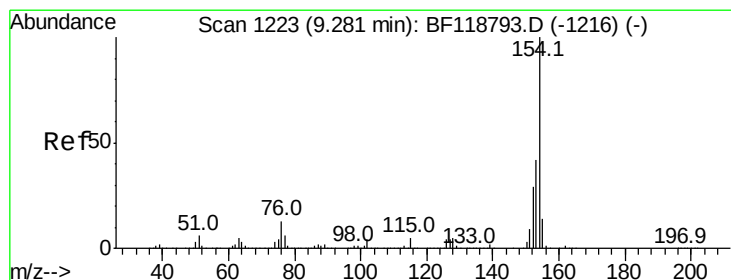
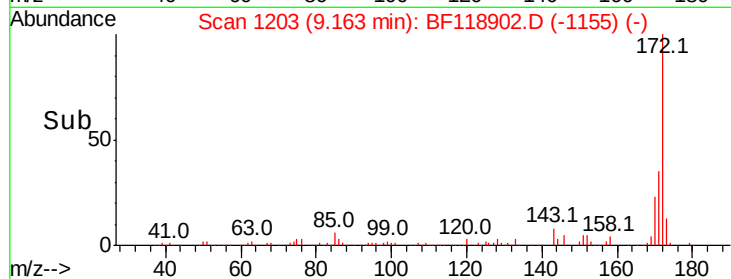
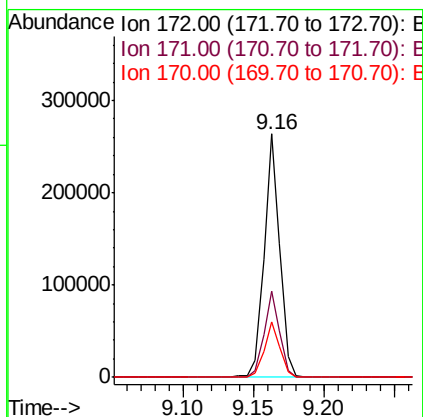
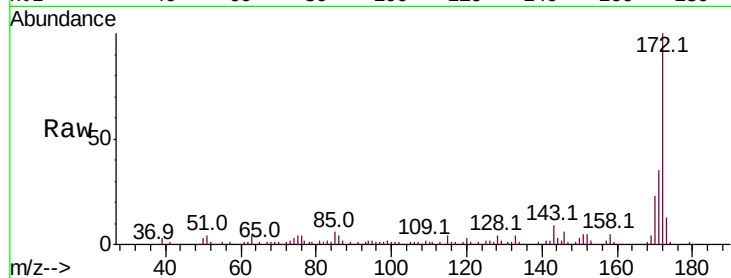




#45
2-Fluorobiphenyl
Concen: 8.172 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BF118902.D
Acq: 11 Feb 2020 23:55

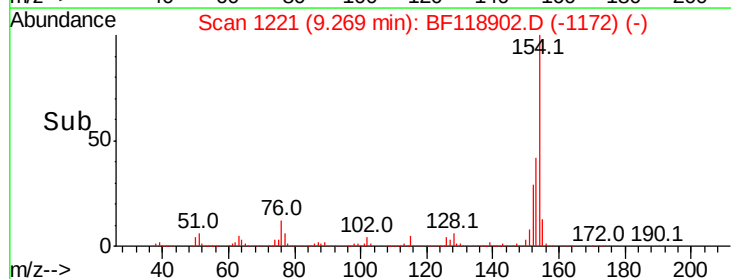
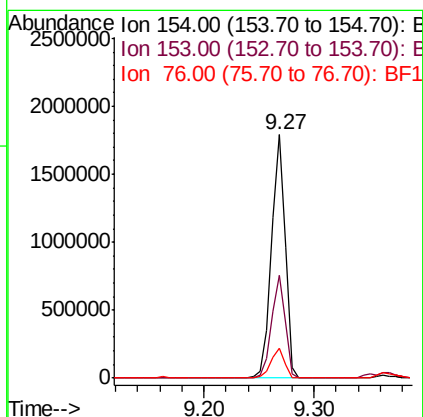
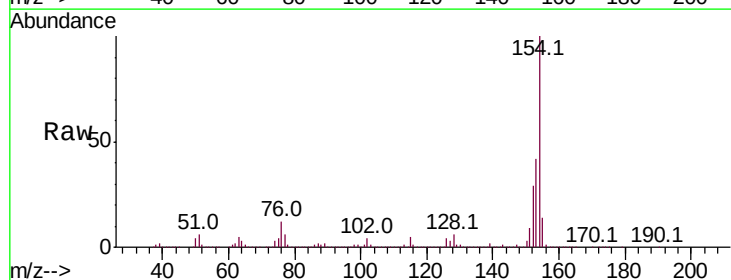
Instrument :
BNA_F
ClientSampleId :
TP6-EP1-1.5

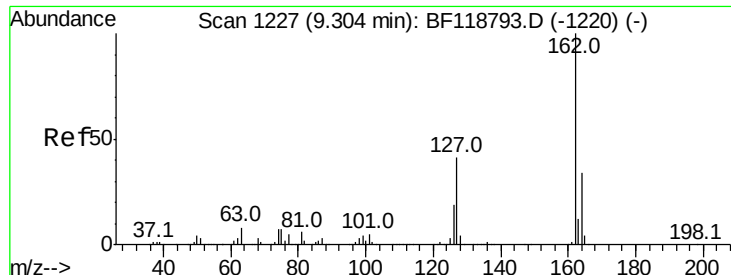
Tot Ion:172 Resp: 207902
Ion Ratio Lower Upper
172 100
171 35.5 30.8 46.2
170 23.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 50.086 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF118902.D
Acq: 11 Feb 2020 23:55

Tgt Ion:154 Resp: 1575727
Ion Ratio Lower Upper
154 100
153 42.1 22.4 62.4
76 12.4 0.0 32.7





#47

2-Chloronaphthalene

Concen: 11.284 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.04 min

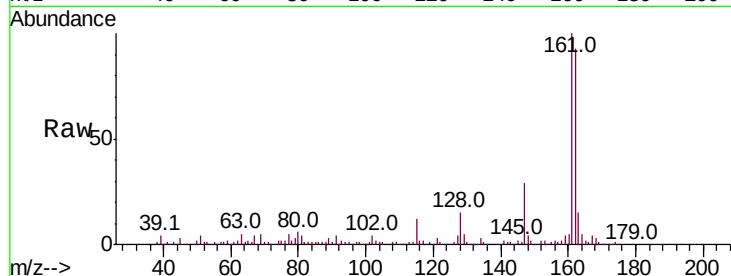
Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :
BNA_F
ClientSampleId :
TP6-EP1-1.5

Tot Ion:162 Resp: 295119

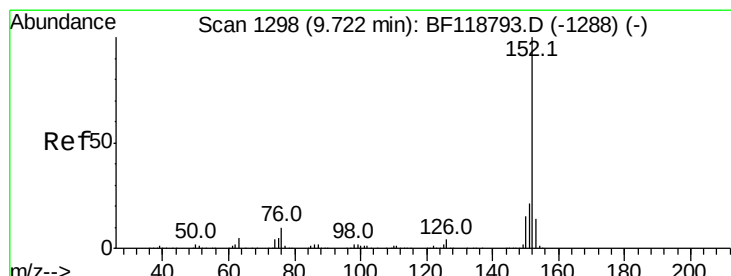
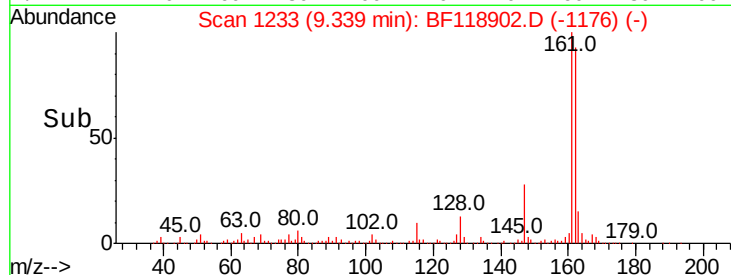
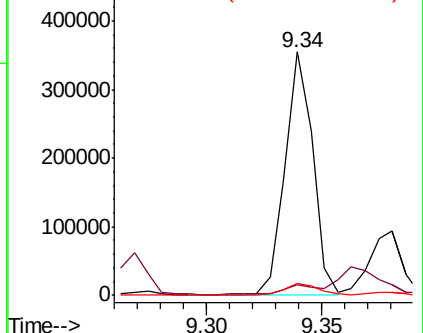
Ion	Ratio	Lower	Upper
162	100		
127	4.4	33.3	49.9#
164	5.1	27.1	40.7#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthylene

Concen: 20.118 ng

RT: 9.71 min Scan# 1296

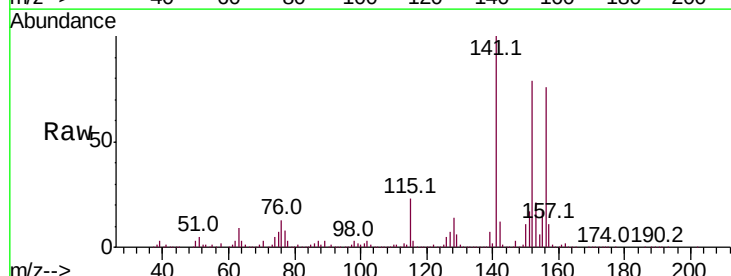
Delta R.T. -0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Tgt Ion:152 Resp: 759728

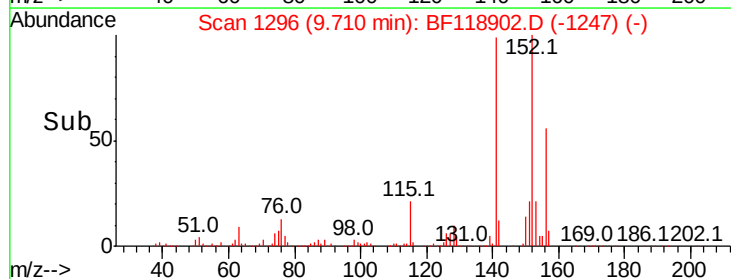
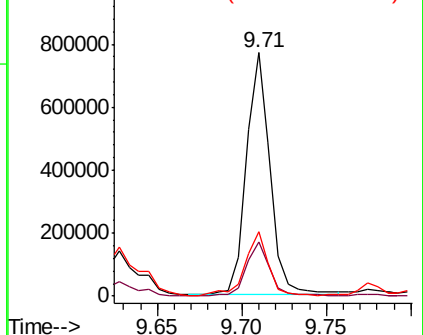
Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.1	25.7
153	26.3	11.0	16.4#

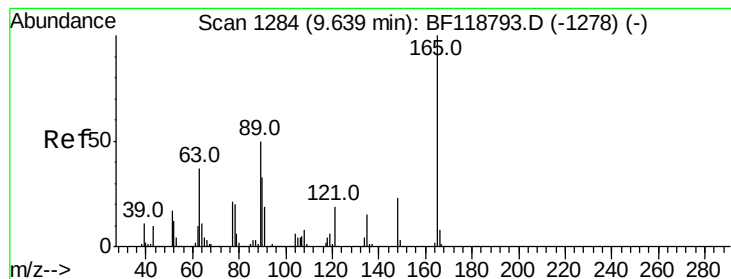


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

2,6-Dinitrotoluene

Concen: 4.545 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.10 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :

BNA_F

ClientSampleId :

TP6-EP1-1.5

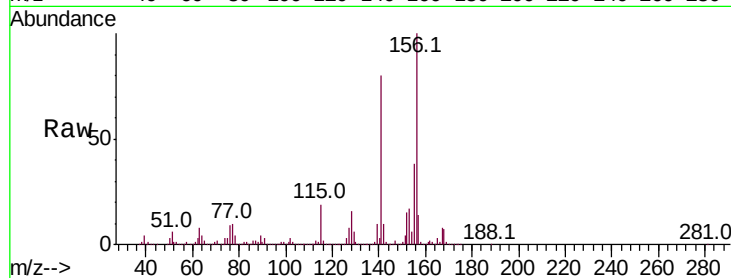
Tot Ion:165 Resp: 32207

Ion Ratio Lower Upper

165 100

63 256.4 37.4 56.0#

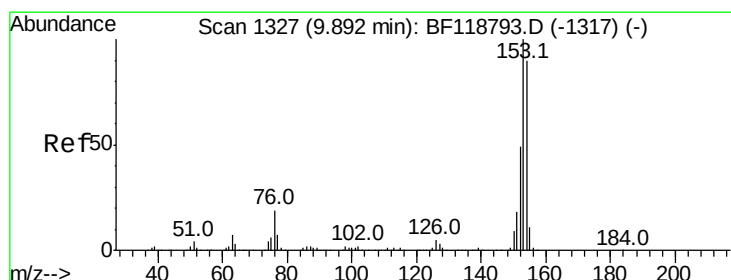
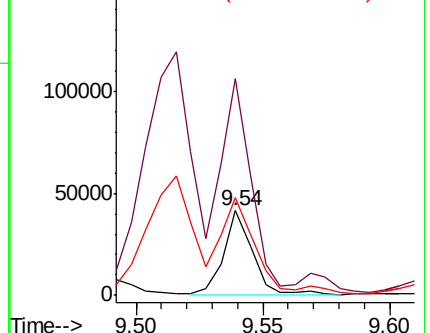
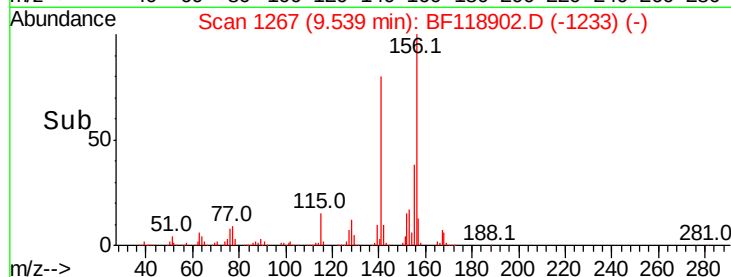
89 115.6 39.7 59.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 27.429 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

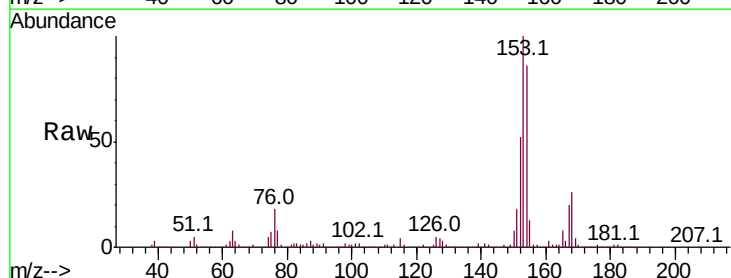
Tgt Ion:154 Resp: 682551

Ion Ratio Lower Upper

154 100

153 115.7 89.4 134.0

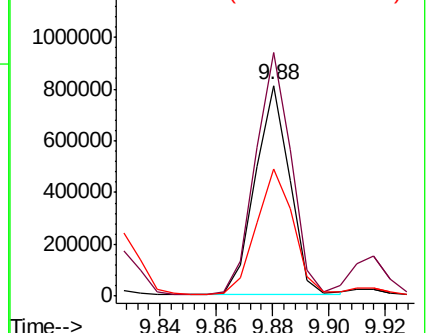
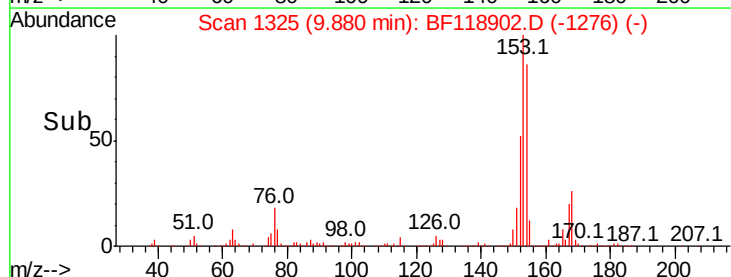
152 60.6 43.6 65.4

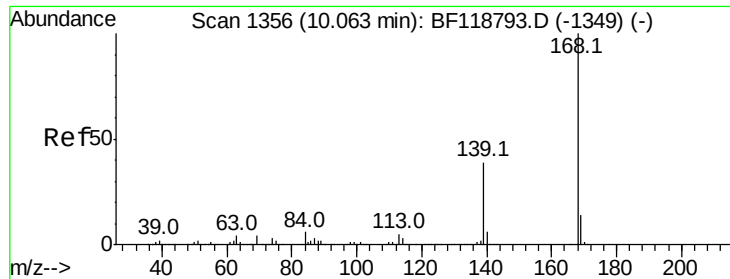


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

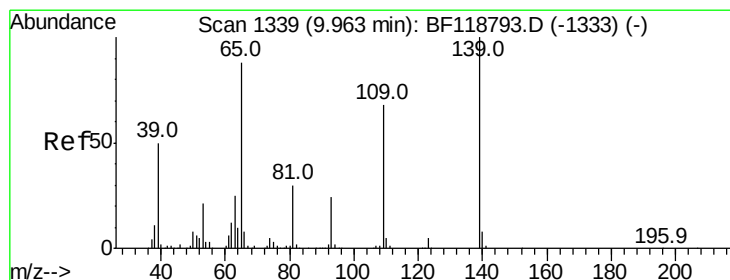
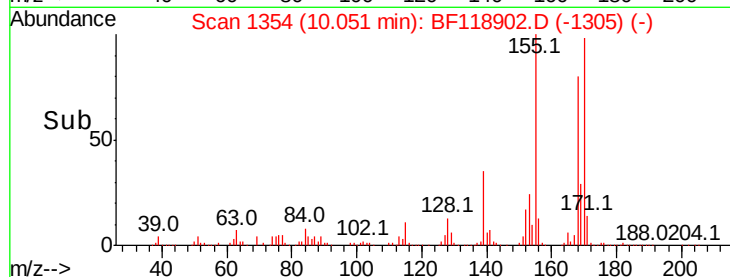
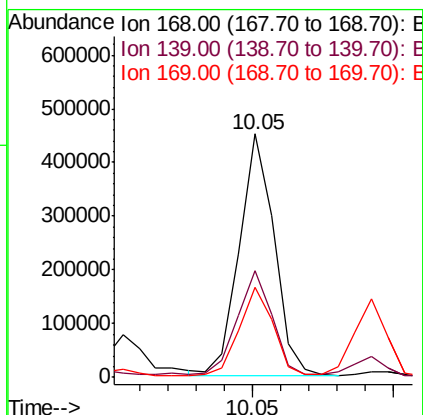
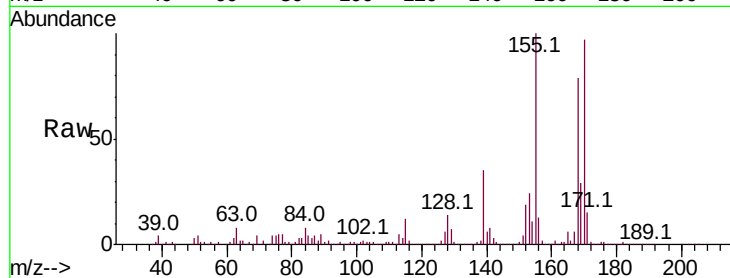




#55
Dibenzofuran
Concen: 10.760 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF118902.D
Acq: 11 Feb 2020 23:55

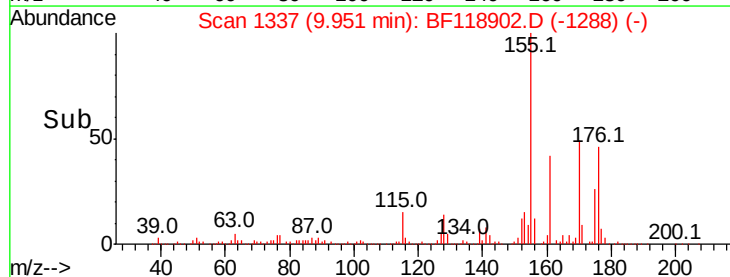
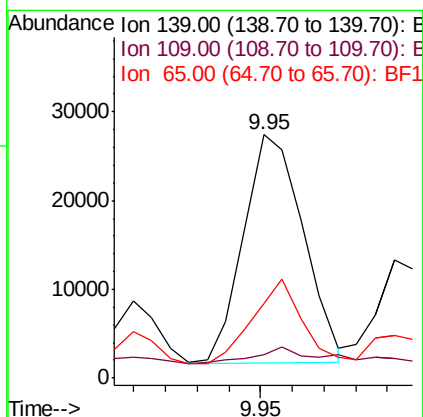
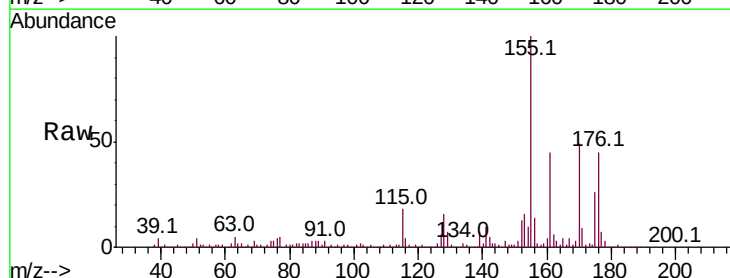
Instrument :
BNA_F
ClientSampleId :
TP6-EP1-1.5

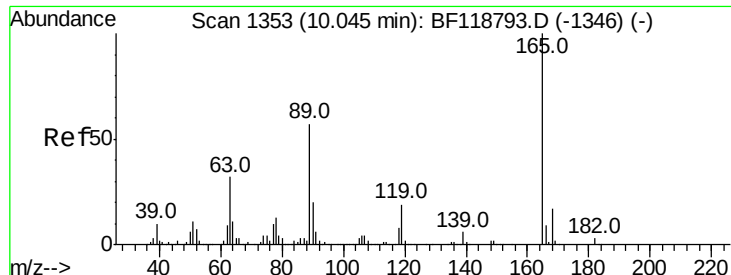
Tot Ion:168 Resp: 386961
Ion Ratio Lower Upper
168 100
139 44.0 31.6 47.4
169 37.0 11.4 17.2#



#56
4-Nitrophenol
Concen: 5.917 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118902.D
Acq: 11 Feb 2020 23:55

Tgt Ion:139 Resp: 33652
Ion Ratio Lower Upper
139 100
109 9.8 48.0 88.0#
65 30.9 68.3 108.3#





#57

2,4-Dinitrotoluene

Concen: 6.386 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.02 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :

BNA_F

ClientSampleID :

TP6-EP1-1.5

Tot Ion:165 Resp: 59878

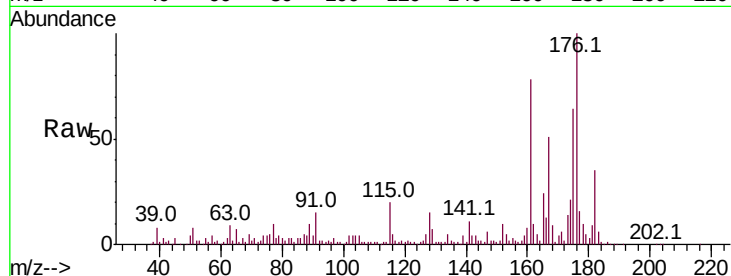
Ion Ratio Lower Upper

165 100

63 36.8 25.5 38.3

89 40.6 45.4 68.0#

182 145.0 2.4 3.6#

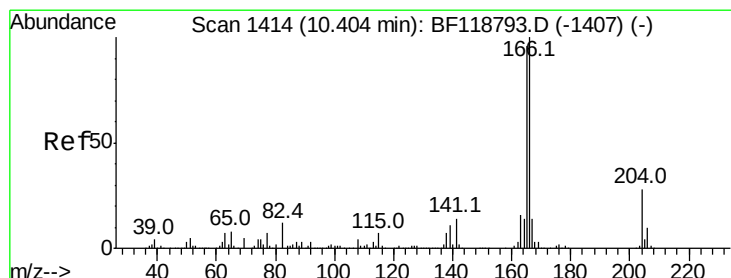
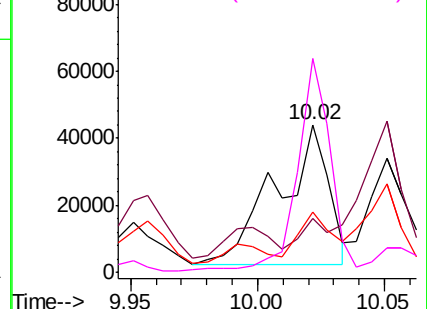
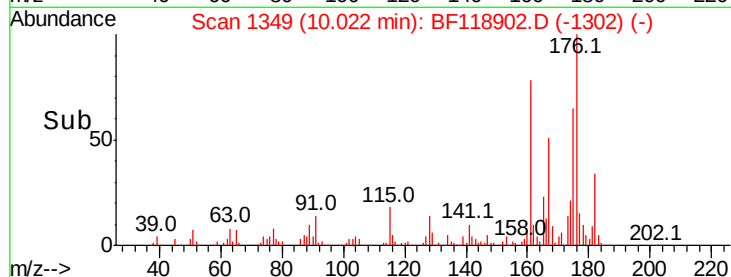


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 4.411 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.18 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

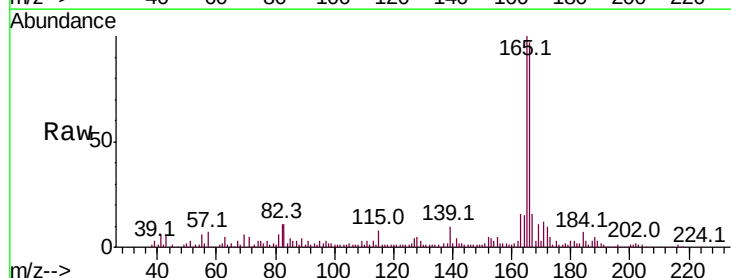
Tgt Ion:166 Resp: 119326

Ion Ratio Lower Upper

166 100

165 102.7 77.0 115.6

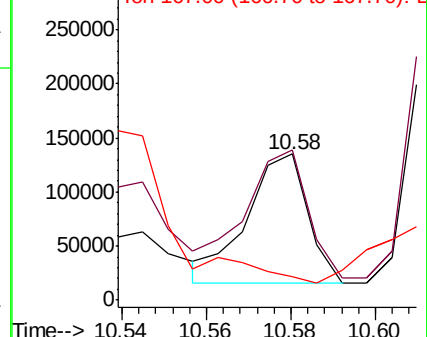
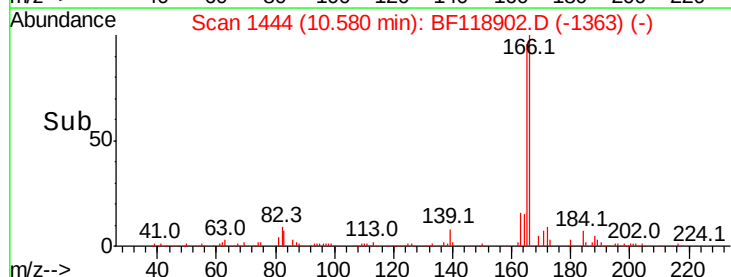
167 16.0 11.1 16.7

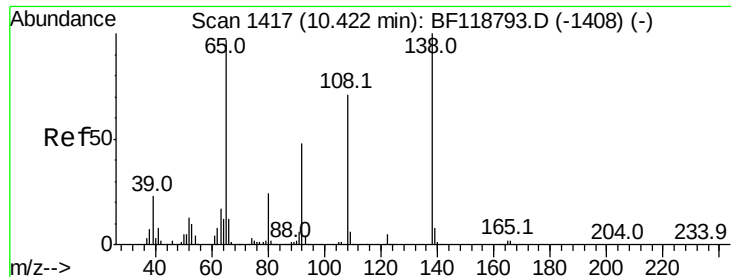


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

4-Nitroaniline

Concen: 4.717 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :

BNA_F

ClientSampleId :

TP6-EP1-1.5

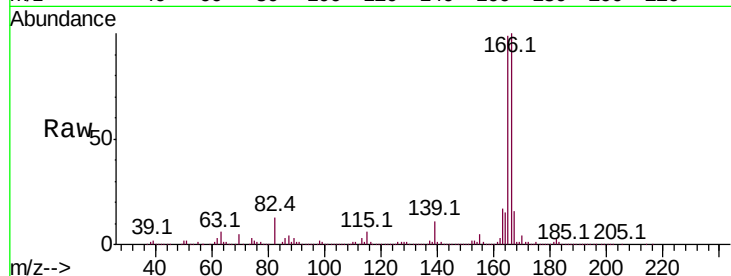
Tot Ion:138 Resp: 37120

Ion Ratio Lower Upper

138 100

92 4.9 27.6 67.6#

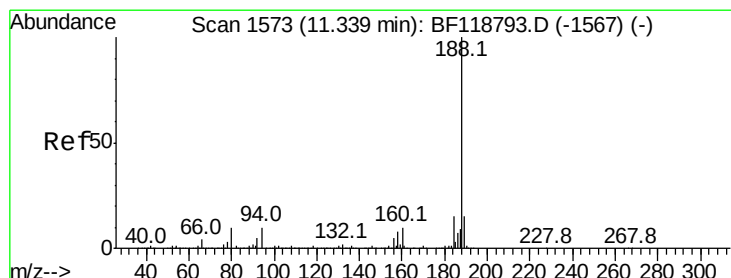
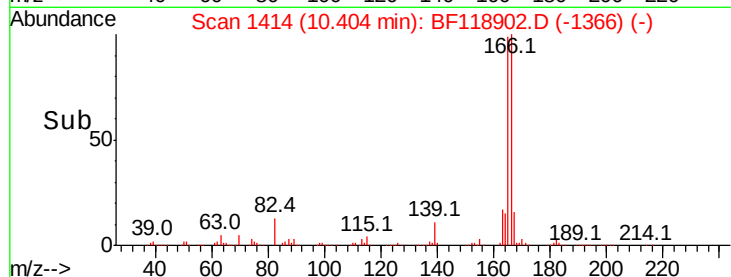
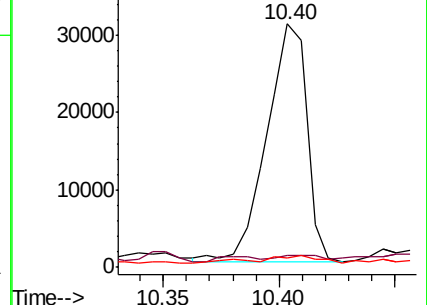
108 4.1 51.3 91.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

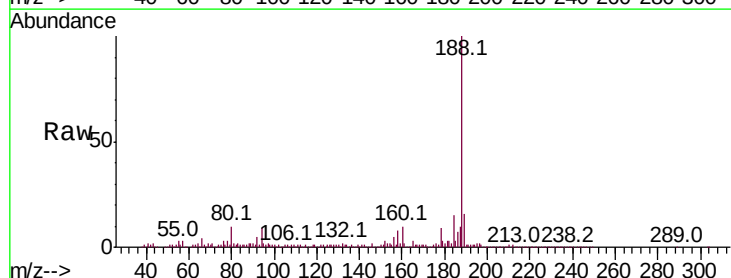
Tgt Ion:188 Resp: 959569

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

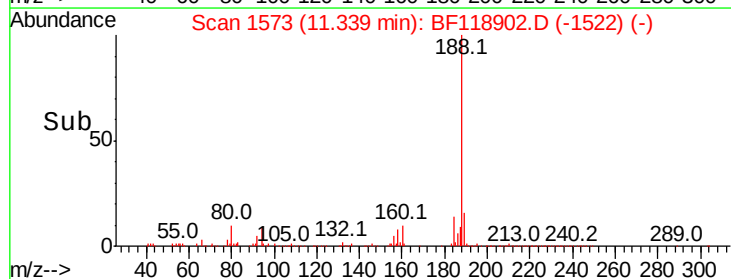
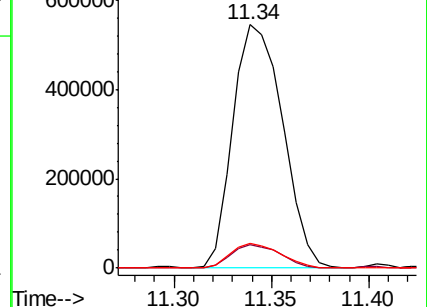
80 10.1 8.4 12.6

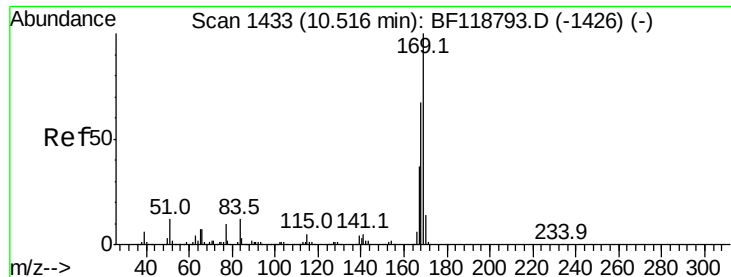


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

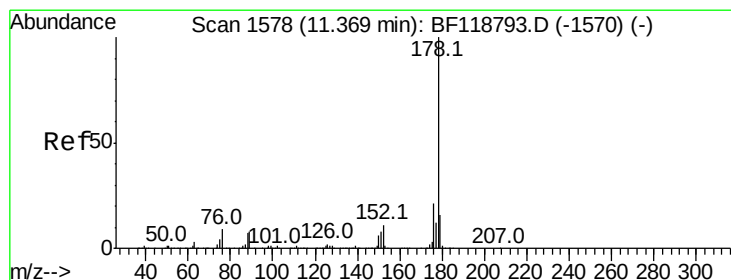
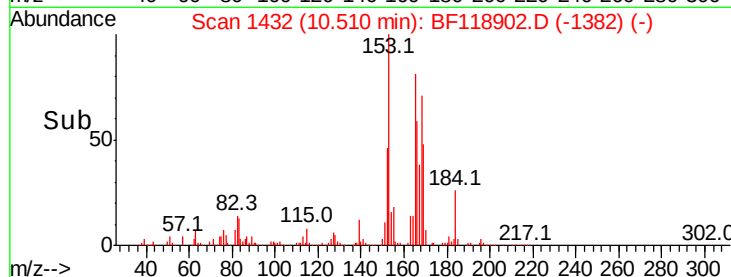
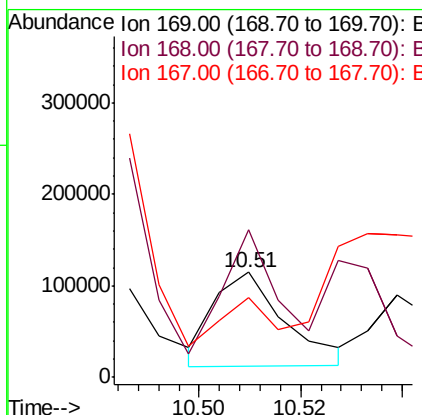
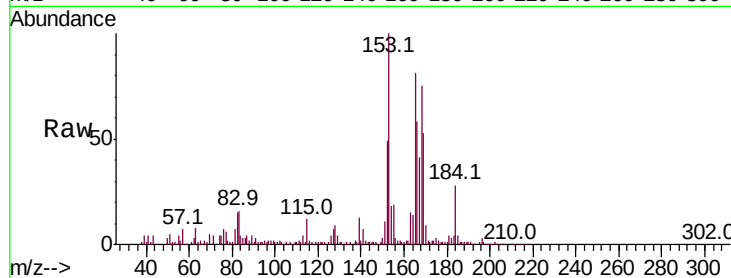




#66
n-Nitrosodiphenylamine
Concen: 3.596 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF118902.D
Acq: 11 Feb 2020 23:55

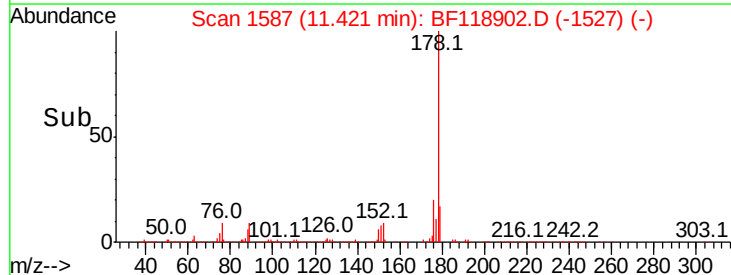
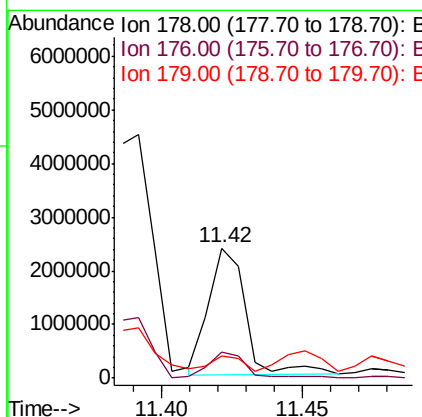
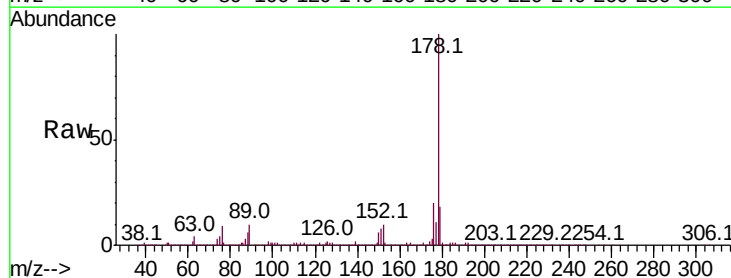
Instrument :
BNA_F
ClientSampleId :
TP6-EP1-1.5

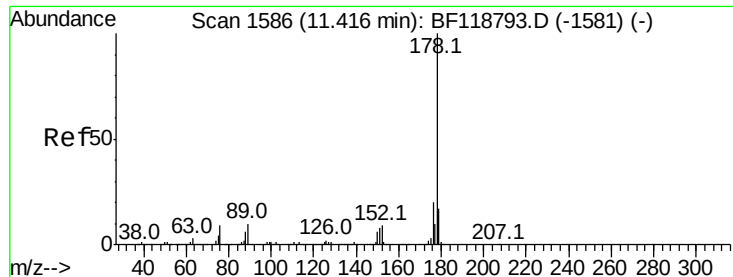
Tot Ion:169 Resp: 99951
Ion Ratio Lower Upper
169 100
168 140.6 53.5 80.3#
167 76.1 29.3 43.9#



#71
Phenanthrene
Concen: 45.554 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.05 min
Lab File: BF118902.D
Acq: 11 Feb 2020 23:55

Tgt Ion:178 Resp: 2150691
Ion Ratio Lower Upper
178 100
176 20.3 16.6 24.8
179 17.5 13.2 19.8





#72

Anthracene

Concen: 45.791 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :

BNA_F

ClientSampleId :

TP6-EP1-1.5

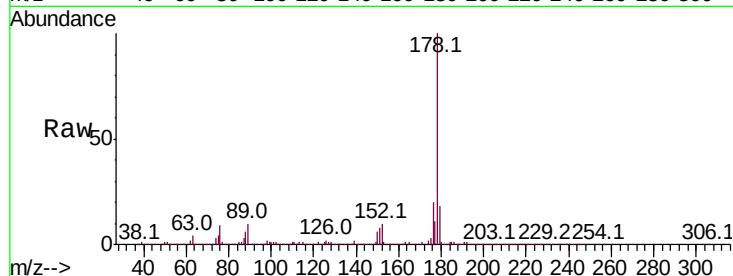
Tot Ion:178 Resp: 2150691

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

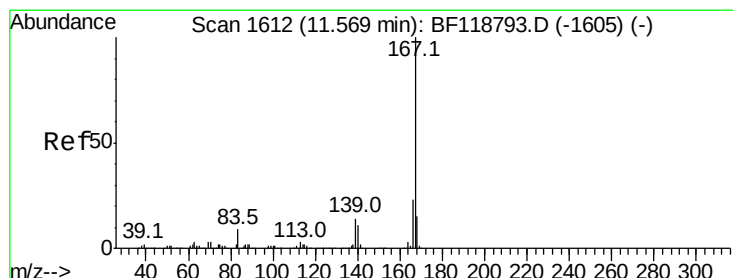
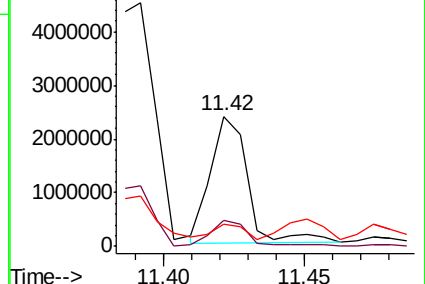
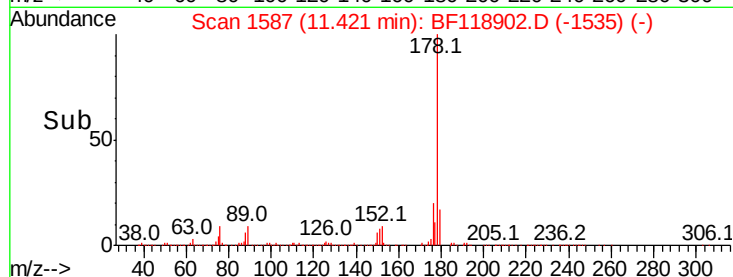
179 17.5 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 13.082 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

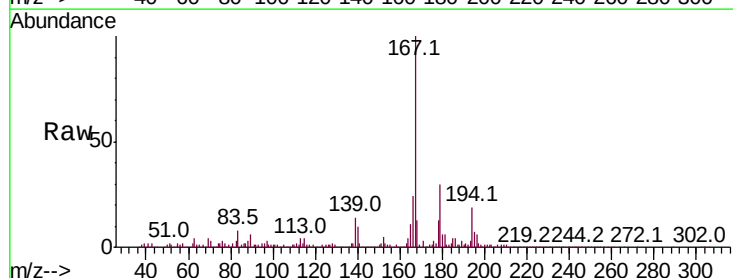
Tgt Ion:167 Resp: 539245

Ion Ratio Lower Upper

167 100

166 23.5 18.4 27.6

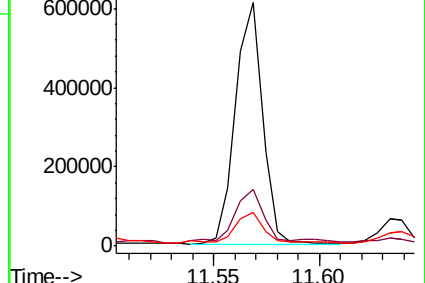
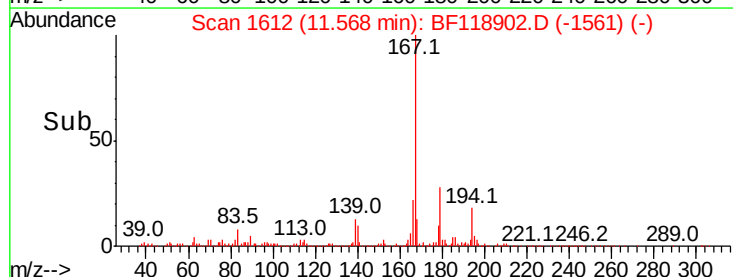
139 13.8 11.1 16.7

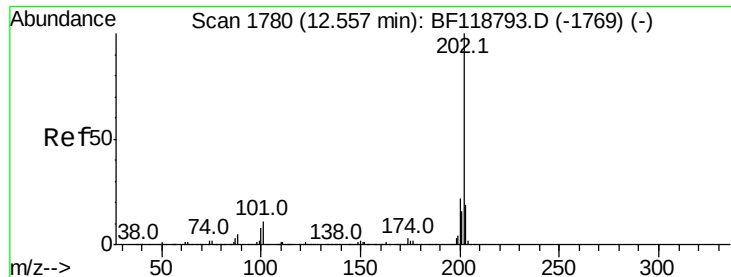


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 103.425 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :

BNA_F

ClientSampleId :

TP6-EP1-1.5

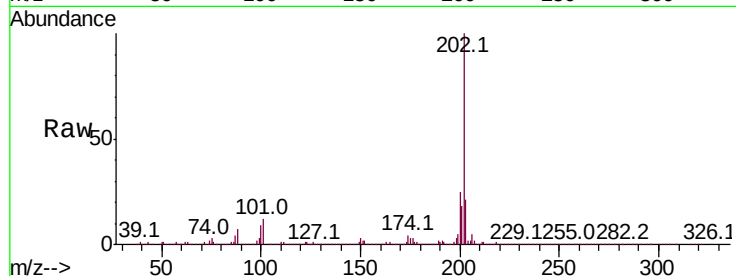
Tot Ion:202 Resp: 5331266

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.0

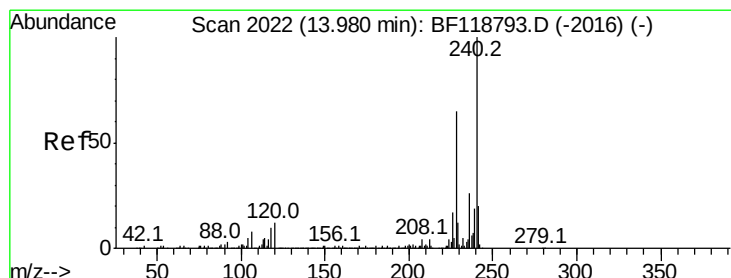
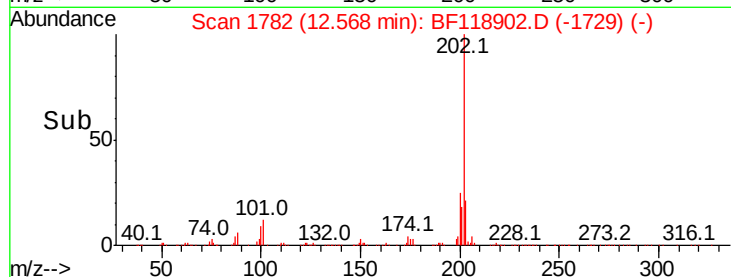
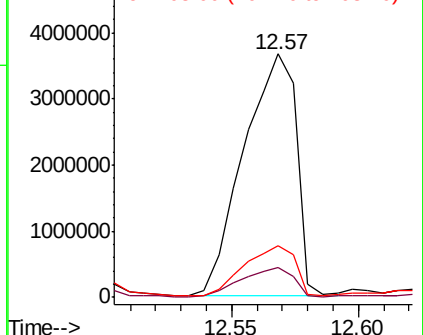
203 21.3 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

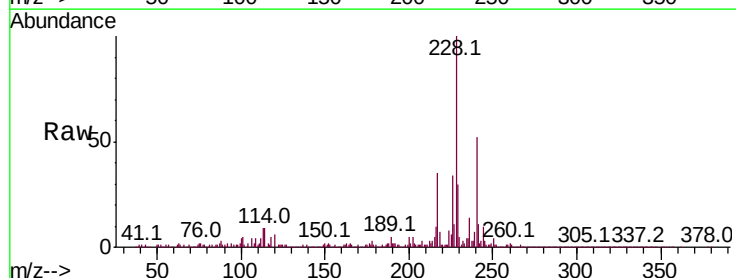
Tgt Ion:240 Resp: 511502

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.0

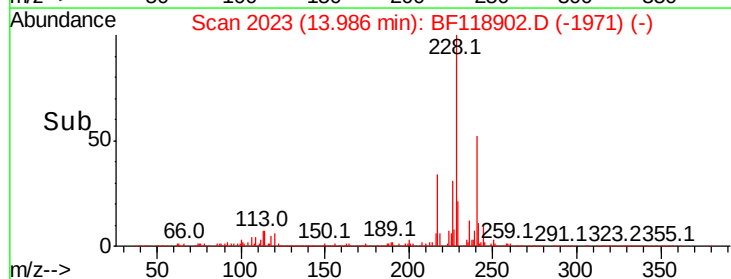
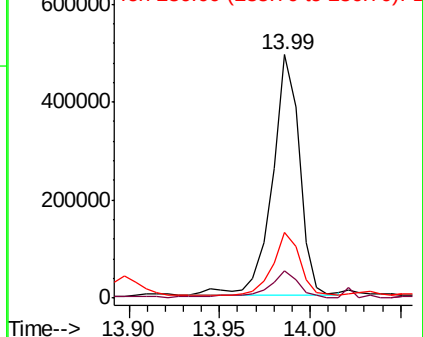
236 27.2 21.0 31.6

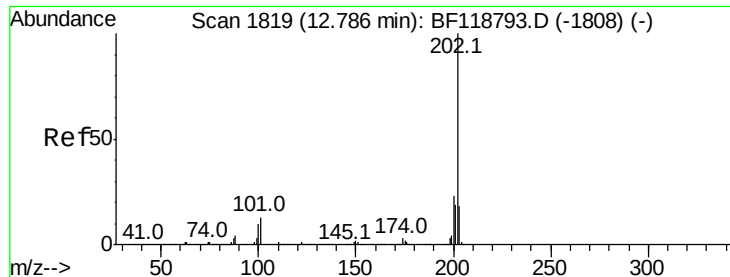


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 8.744 ng

RT: 12.65 min Scan# 1796

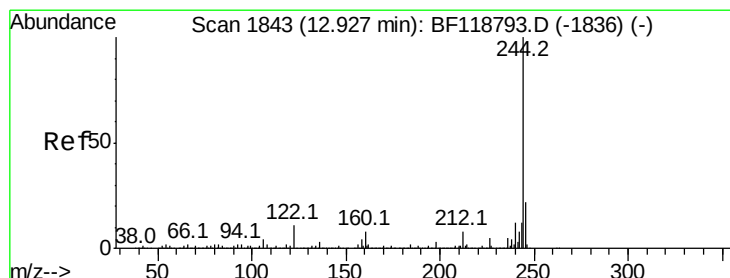
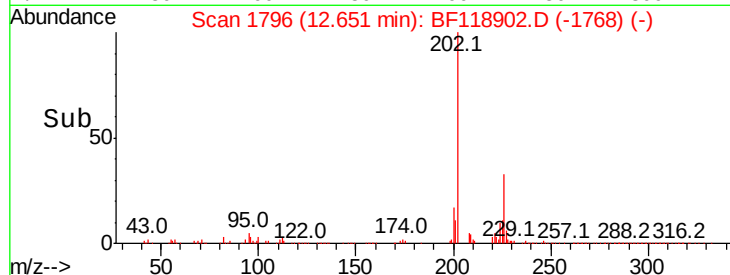
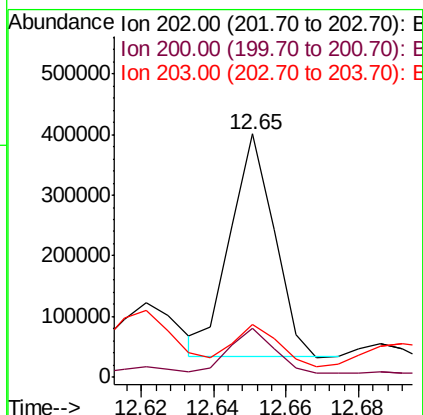
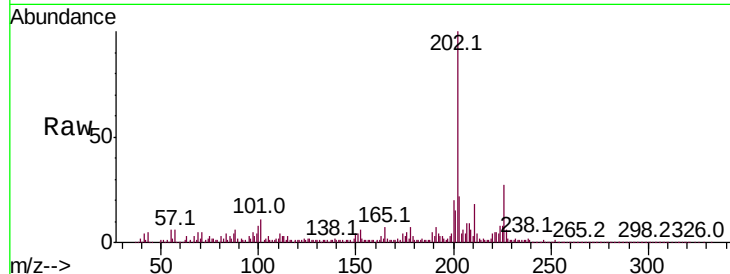
Delta R.T. -0.14 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :
BNA_F
ClientSampleId :
TP6-EP1-1.5

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	18.2	27.2
203	21.6	14.8	22.2



#79

Terphenyl-d14

Concen: 12.656 ng

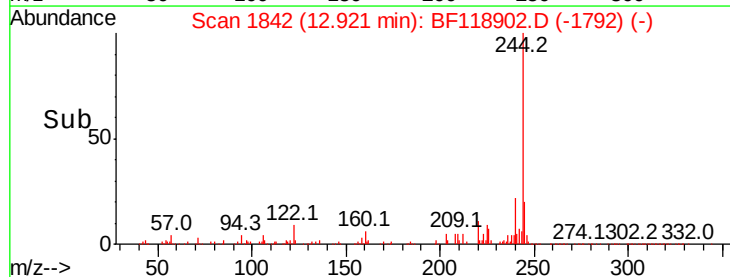
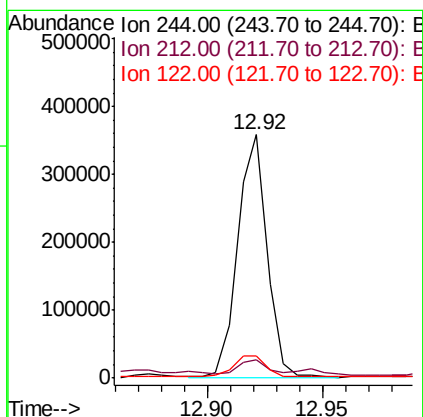
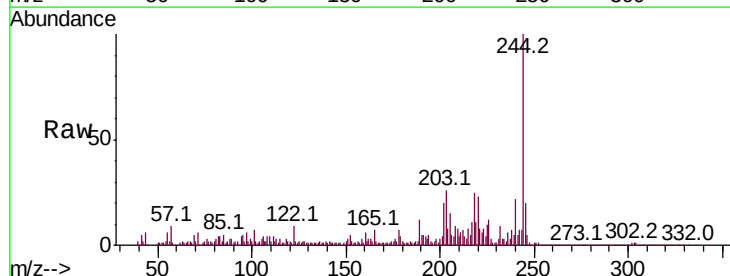
RT: 12.92 min Scan# 1842

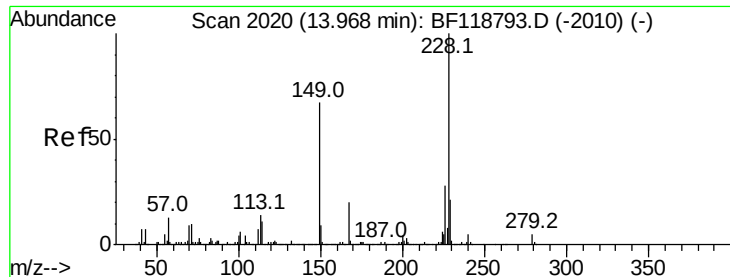
Delta R.T. -0.01 min

Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	9.3	8.9	13.3

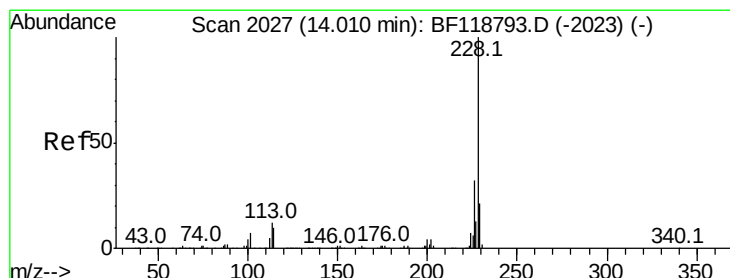
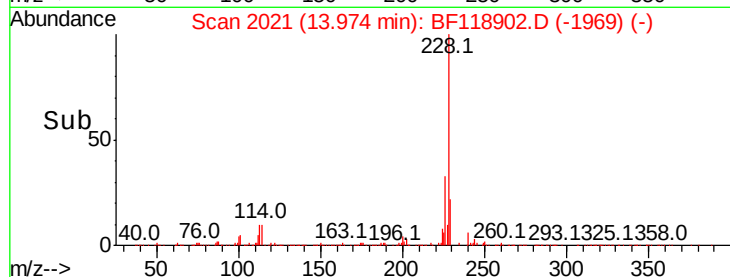
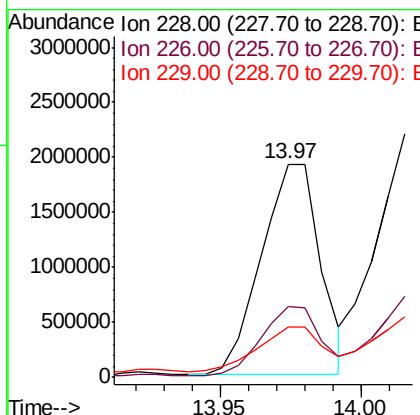
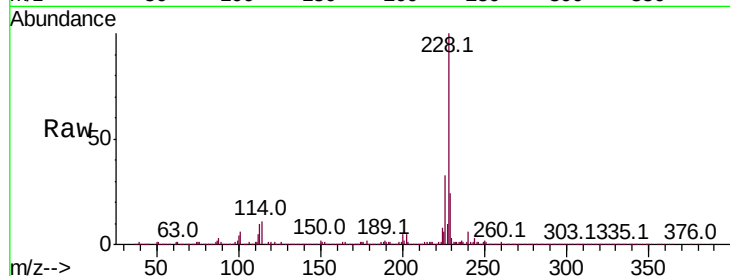




#81
Benzo(a)anthracene
Concen: 91.535 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF118902.D
Acq: 11 Feb 2020 23:55

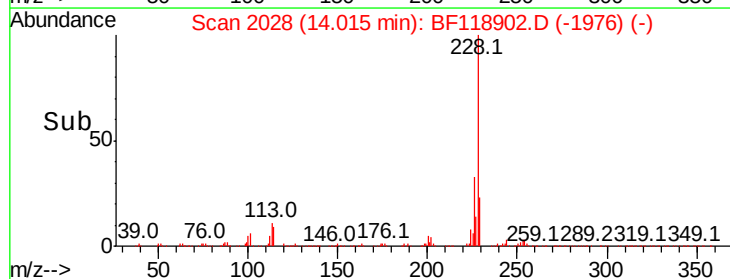
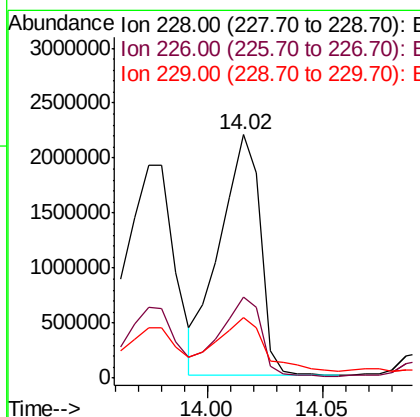
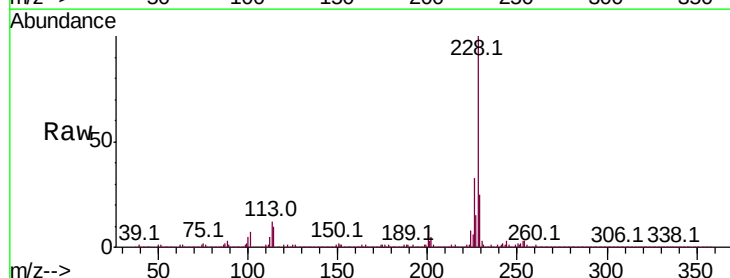
Instrument :
BNA_F
ClientSampleId :
TP6-EP1-1.5

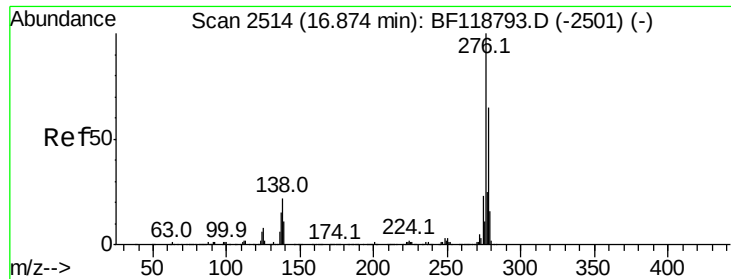
Tot Ion:228 Resp: 2786089
Ion Ratio Lower Upper
228 100
226 33.3 22.7 34.1
229 23.9 16.6 25.0



#83
Chrysene
Concen: 87.752 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF118902.D
Acq: 11 Feb 2020 23:55

Tgt Ion:228 Resp: 2680696
Ion Ratio Lower Upper
228 100
226 33.4 25.4 38.0
229 25.1 16.9 25.3

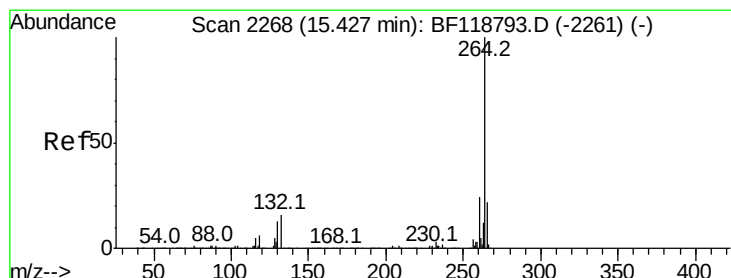
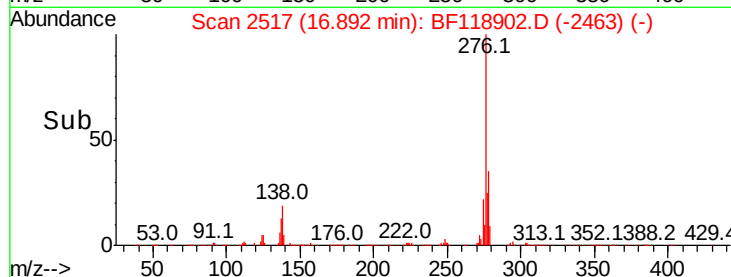
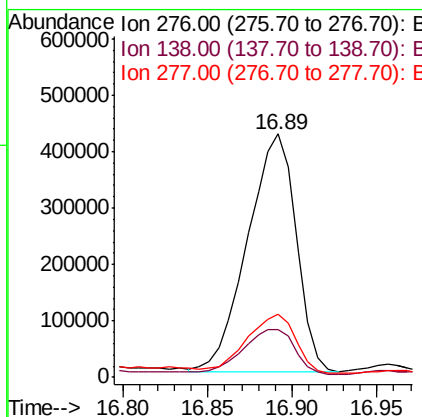
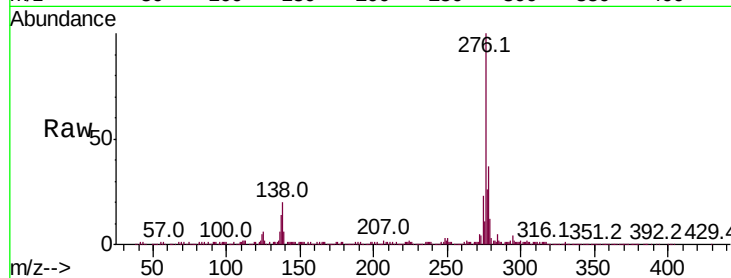




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 27.520 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.02 min
 Lab File: BF118902.D
 Acq: 11 Feb 2020 23:55

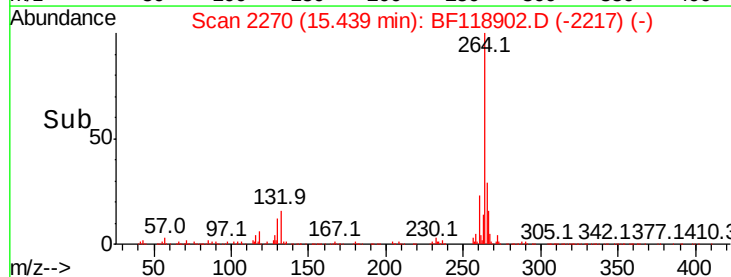
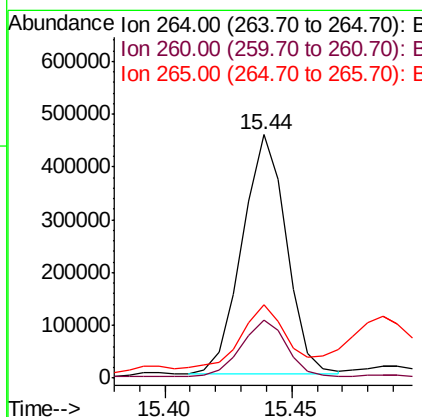
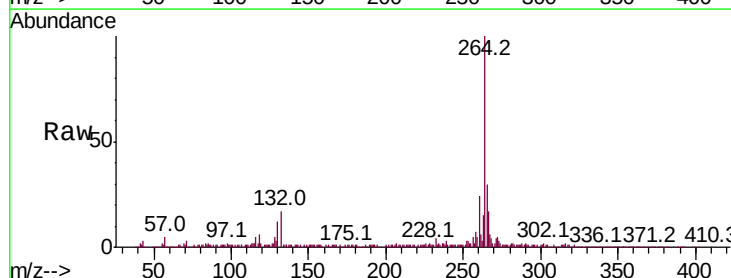
Instrument :
 BNA_F
 ClientSampleId :
 TP6-EP1-1.5

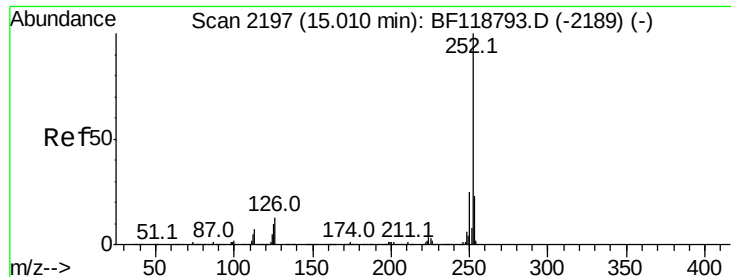
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.3	27.5
277	25.4	20.2	30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF118902.D
 Acq: 11 Feb 2020 23:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	29.9	17.2	25.8#





#88

Benzo(b)fluoranthene

Concen: 82.478 ng

RT: 15.03 min Scan# 2200

Delta R.T. 0.02 min

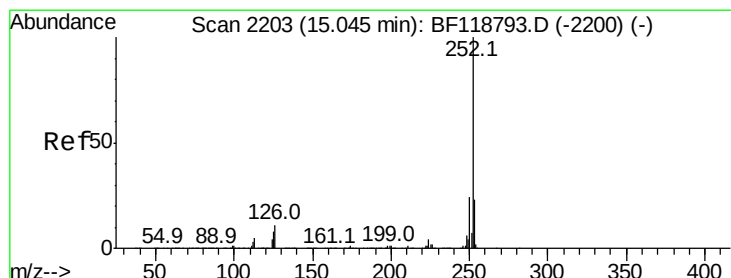
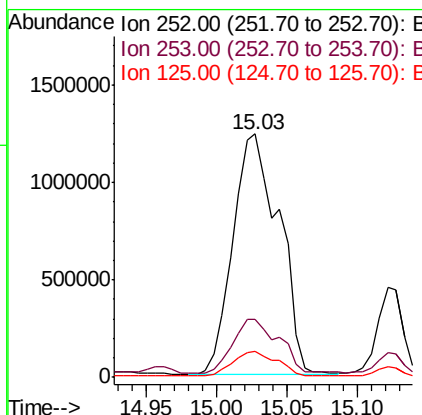
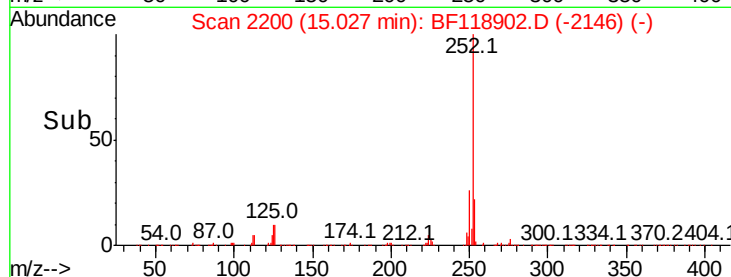
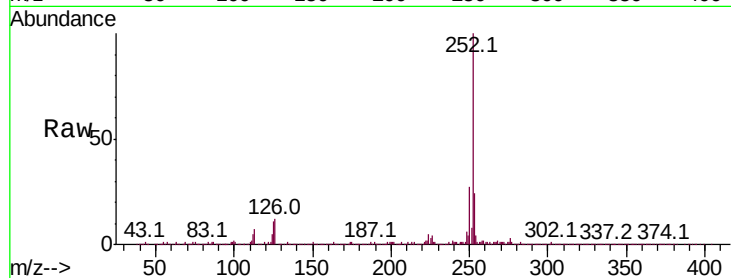
Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :
BNA_F
ClientSampleId :
TP6-EP1-1.5

Tot Ion:252 Resp: 2820439

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	10.9	8.1	12.1



#89

Benzo(k)fluoranthene

Concen: 94.714 ng

RT: 15.03 min Scan# 2200

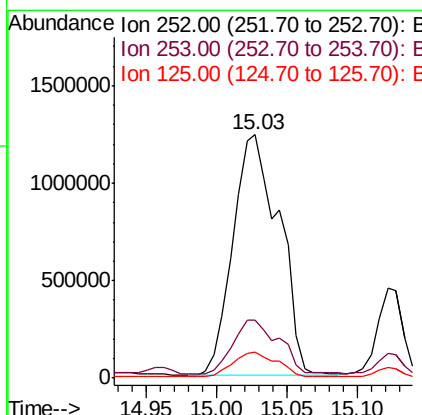
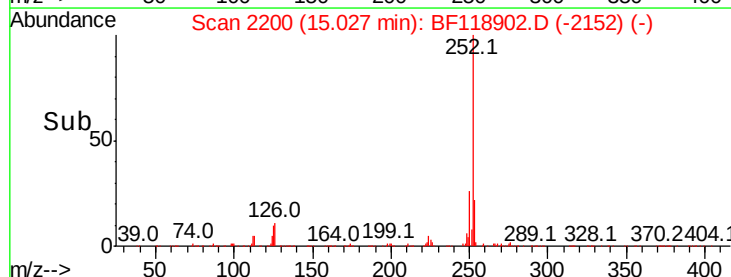
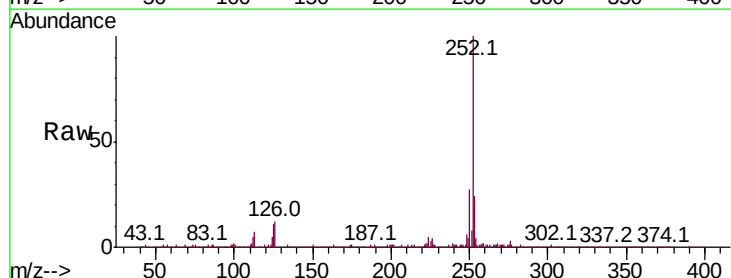
Delta R.T. -0.02 min

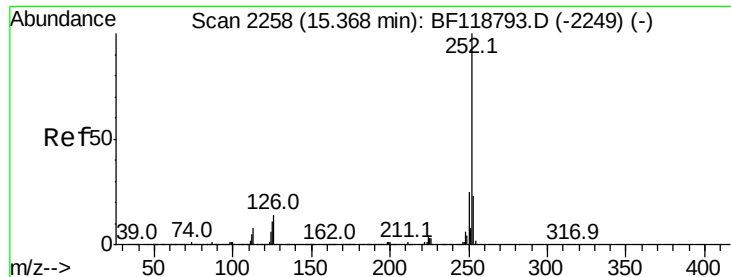
Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Tgt Ion:252 Resp: 2820439

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	10.9	7.0	10.6#





#90

Benzo(a)pyrene

Concen: 81.365 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.02 min

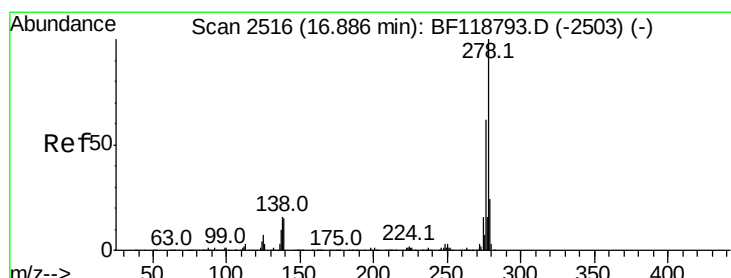
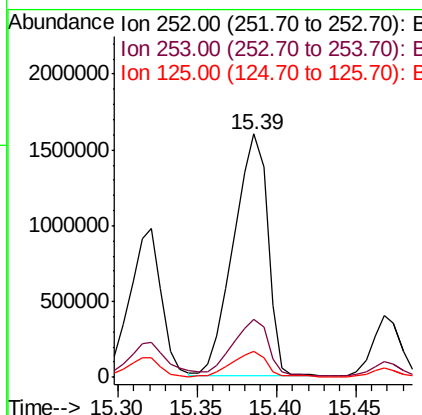
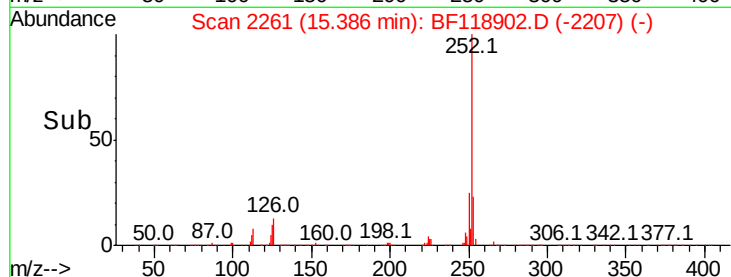
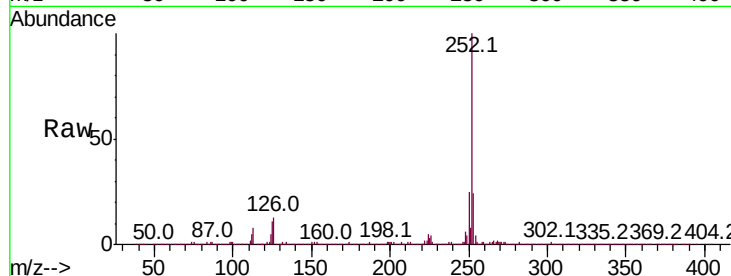
Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Instrument :
BNA_F
ClientSampleId :
TP6-EP1-1.5

Tot Ion:252 Resp: 2381182

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	10.5	8.7	13.1



#91

Dibenzo(a,h)anthracene

Concen: 11.449 ng

RT: 16.89 min Scan# 2517

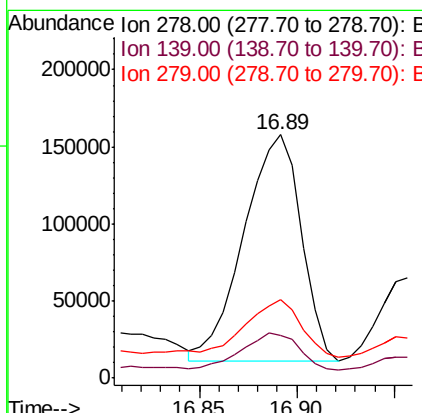
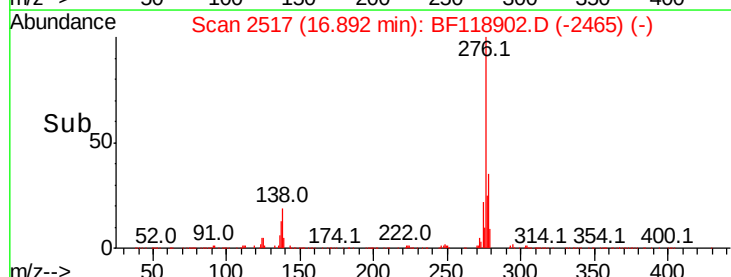
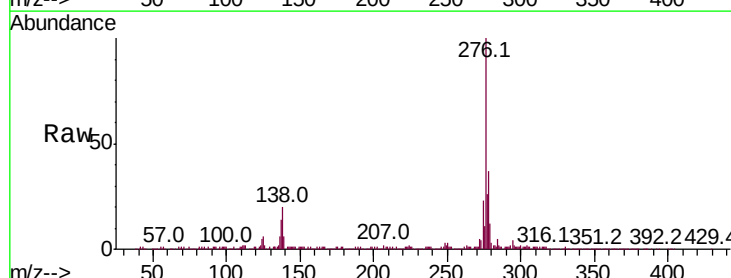
Delta R.T. 0.01 min

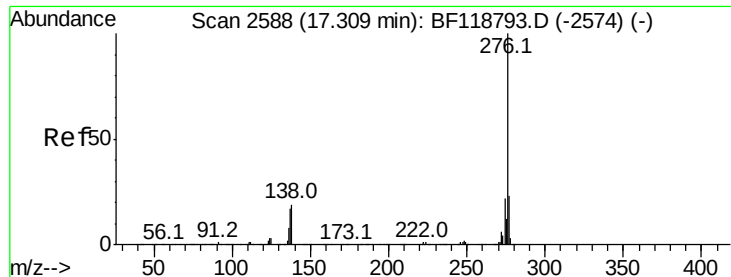
Lab File: BF118902.D

Acq: 11 Feb 2020 23:55

Tgt Ion:278 Resp: 297455

Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.3	18.5
279	32.2	19.1	28.7

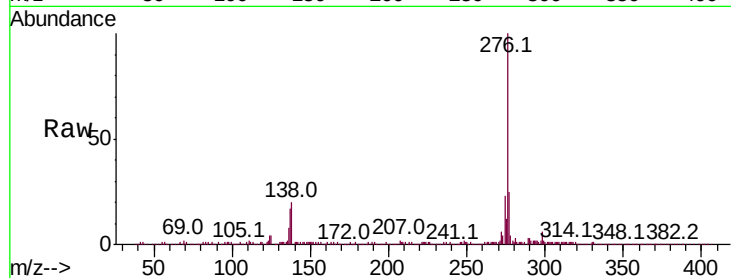




#92
 Benzo(a,h,i)perylene
 Concen: 35.377 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. 0.02 min
 Lab File: BF118902.D
 Acq: 11 Feb 2020 23:55

Instrument :
 BNA_F
 ClientSampleId :
 TP6-EP1-1.5

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.7	28.1
138	19.8	15.4	23.2



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

