

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118901.D
 Acq On : 11 Feb 2020 23:27
 Operator : CG/JU
 Sample : L1482-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-EP2-2

Quant Time: Feb 12 06:52:46 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	160899	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	613414	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	373501	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	909244	20.00	ng	0.00
76) Chrysene-d12	13.99	240	466492	20.00	ng	0.00
87) Perylene-d12	15.44	264	527190	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	225899	26.58	ng	-0.01
7) Phenol-d6	6.44	99	227542	21.56	ng	-0.01
23) Nitrobenzene-d5	7.36	82	145166	14.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	88335	19.77	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	350874	16.79	ng	-0.02
79) Terphenyl-d14	12.92	244	581984	25.63	ng	-0.01

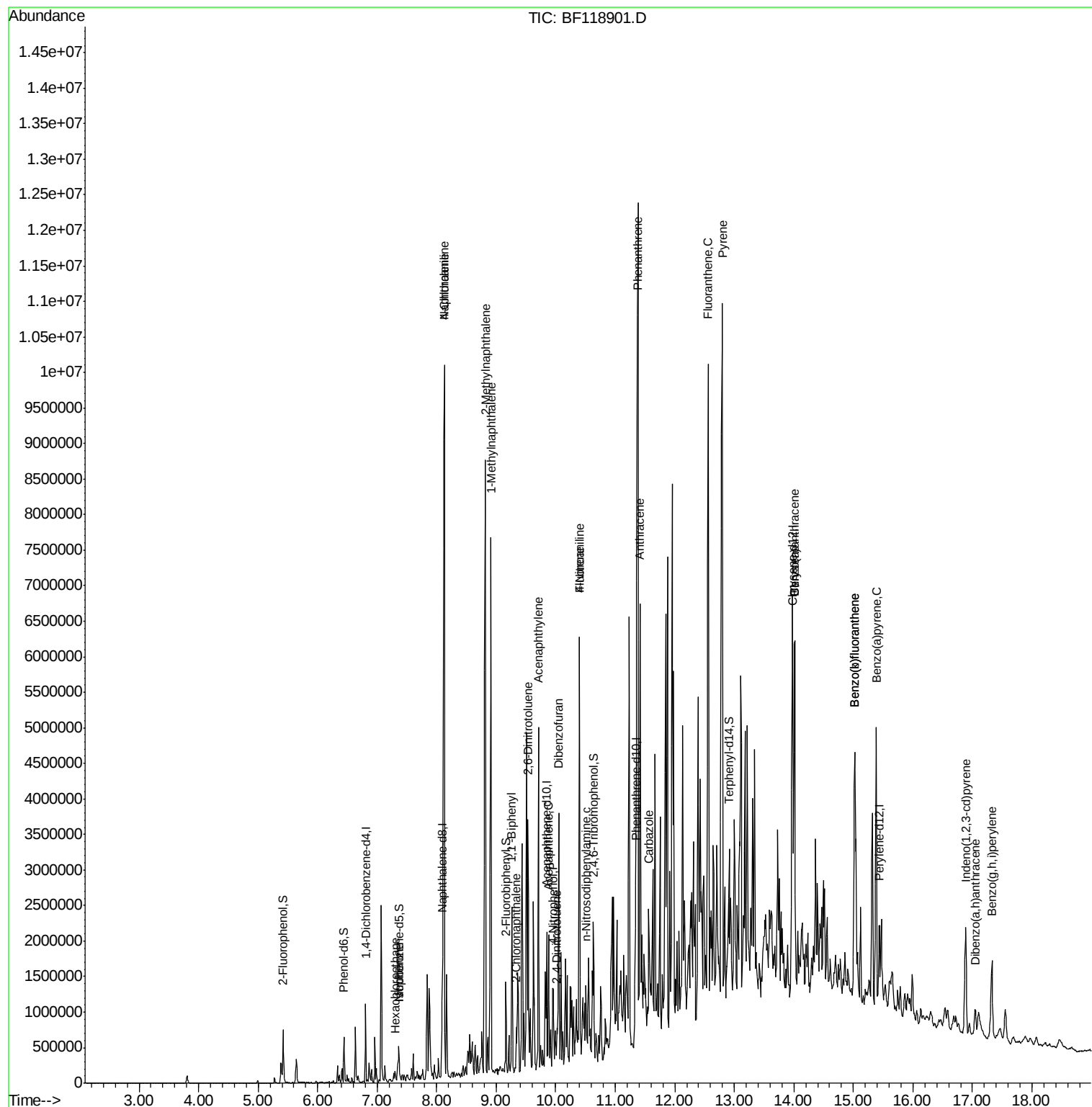
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	4462	Below Cal		# 1
18) Hexachloroethane	7.32	117	11315	2.805	ng	# 7
25) Isophorone	7.36	82	141369	7.643	ng	# 63
31) Naphthalene	8.13	128	7061811	251.713	ng	# 95
33) 4-Chloroaniline	8.13	127	1121836	89.377	ng	# 36
37) 2-Methylnaphthalene	8.82	142	2788793	143.327	ng	# 94
38) 1-Methylnaphthalene	8.91	142	2209046	120.687	ng	# 98
46) 1,1'-Biphenyl	9.26	154	721545	27.927	ng	# 99
47) 2-Chloronaphthalene	9.34	162	118773	5.530	ng	# 45
49) Acenaphthylene	9.71	152	1529426	49.316	ng	# 97
51) 2,6-Dinitrotoluene	9.54	165	16867	2.899	ng	# 1
52) Acenaphthene	9.87	154	330779	16.186	ng	# 98
55) Dibenzofuran	10.05	168	863390	29.234	ng	# 96
56) 4-Nitrophenol	9.95	139	19799	4.239	ng	# 39
57) 2,4-Dinitrotoluene	10.02	165	28124	3.652	ng	# 63
58) Fluorene	10.40	166	1908886	85.913	ng	# 98
62) 4-Nitroaniline	10.40	138	22799	3.528	ng	# 28
66) n-Nitrosodiphenylamine	10.50	169	56417	2.142	ng	# 60
71) Phenanthrene	11.38	178	7887971	176.322	ng	# 92
72) Anthracene	11.42	178	2351627	52.840	ng	# 100
73) Carbazole	11.56	167	565151	14.470	ng	# 99
75) Fluoranthene	12.56	202	5196018	106.380	ng	# 96
78) Pyrene	12.80	202	5904387	184.497	ng	# 93
81) Benzo(a)anthracene	14.02	228	2187137	78.790	ng	# 92
83) Chrysene	14.02	228	2187137	78.503	ng	# 96
86) Indeno(1,2,3-cd)pyrene	16.89	276	969383	34.630	ng	# 97
88) Benzo(b)fluoranthene	15.02	252	3160726	96.619	ng	# 98
89) Benzo(k)fluoranthene	15.02	252	3160726	110.955	ng	# 97
90) Benzo(a)pyrene	15.39	252	2319053	82.835	ng	# 98
91) Dibenzo(a,h)anthracene	17.04	278	262001	10.542	ng	# 94
92) Benzo(g,h,i)perylene	17.33	276	948211	39.672	ng	# 99

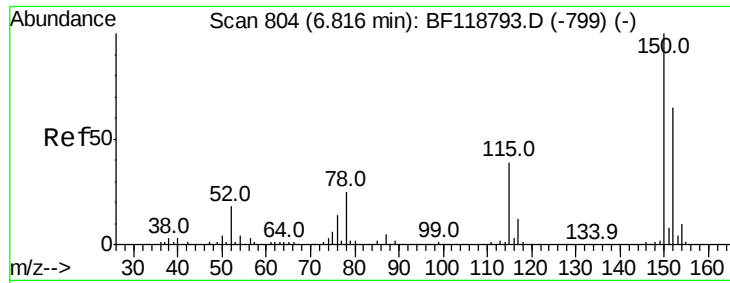
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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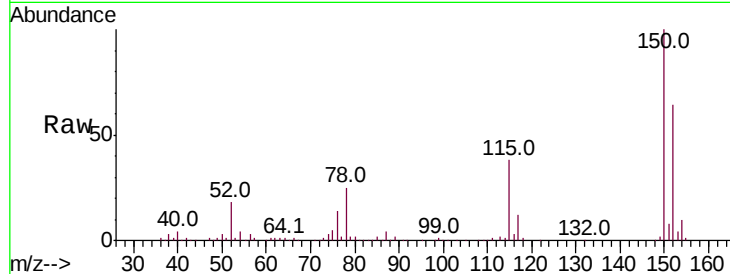


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF118901.D
 Acq: 11 Feb 2020 23:27

Instrument :
 BNA_F
 ClientSampleId :
 TP7-EP2-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.6	185.4
115	59.1	48.2	72.2

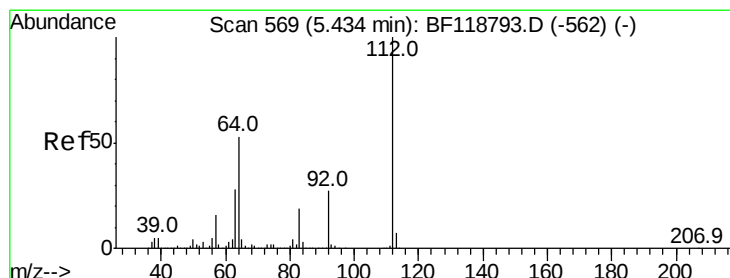
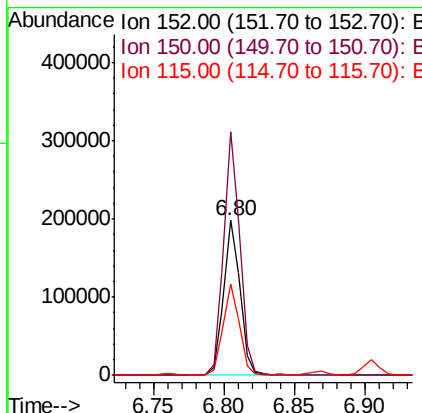
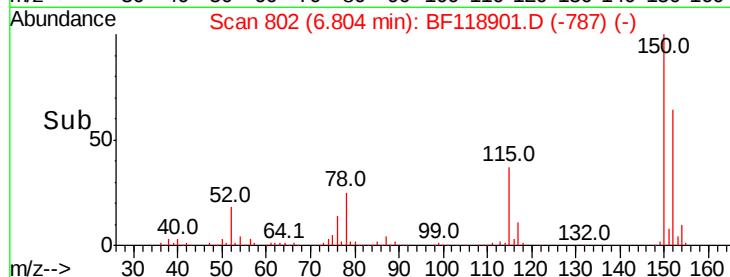


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

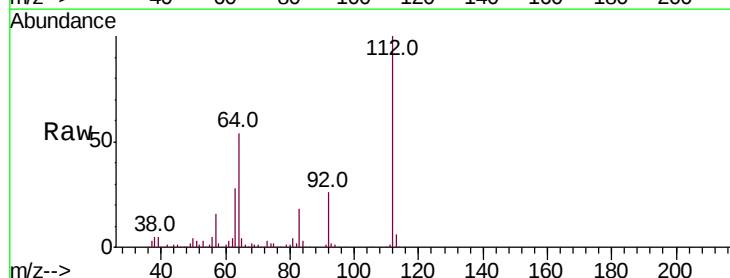
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 26.576 ng
 RT: 5.42 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF118901.D
 Acq: 11 Feb 2020 23:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.6	63.8
63	28.4	22.2	33.4

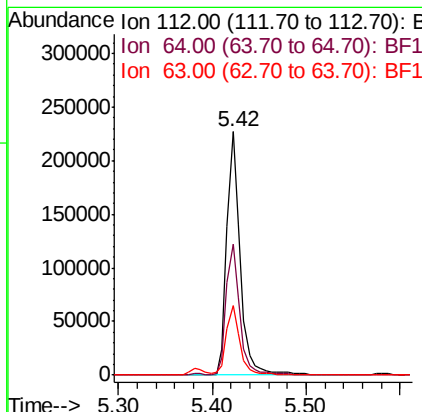
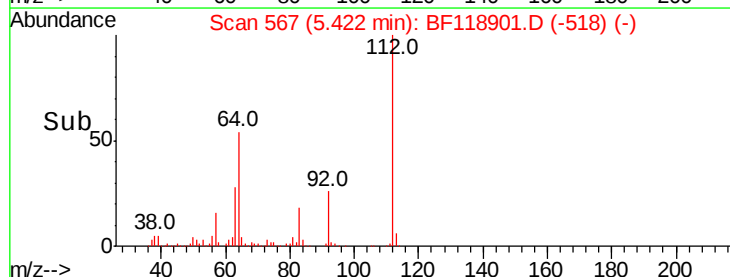


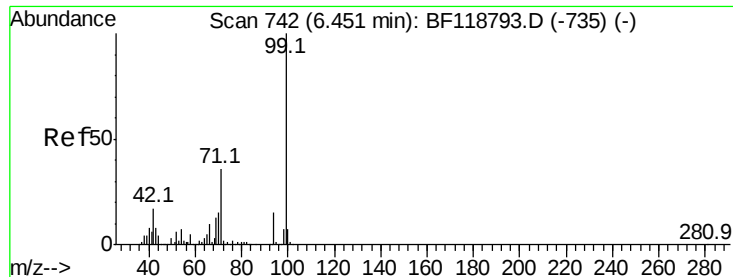
Abundance

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: 21.565 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP7-EP2-2

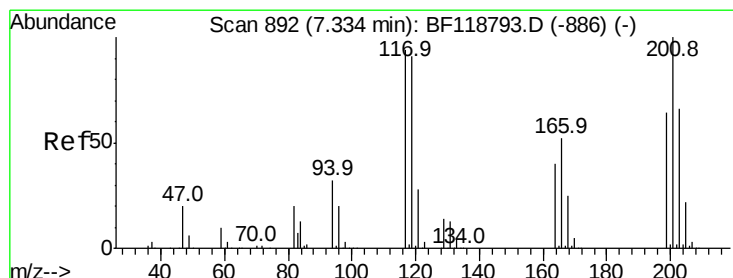
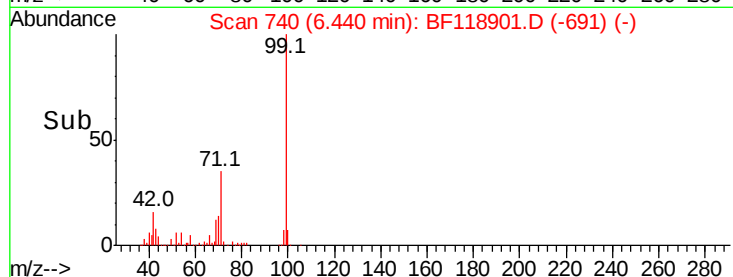
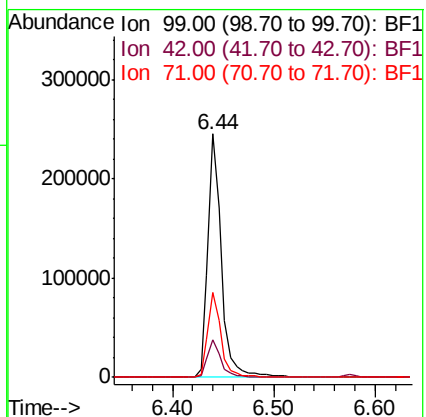
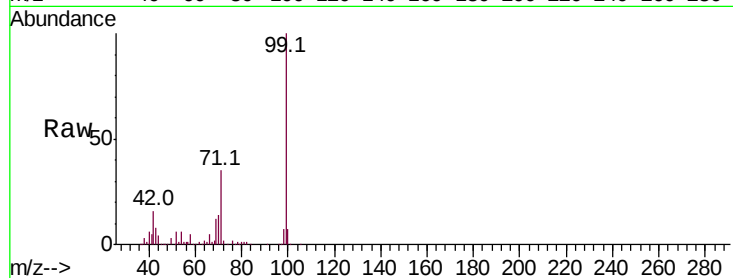
Tot Ion: 99 Resp: 227542

Ion Ratio Lower Upper

99 100

42 15.5 13.4 20.0

71 35.0 29.0 43.6



#18

Hexachloroethane

Concen: 2.805 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

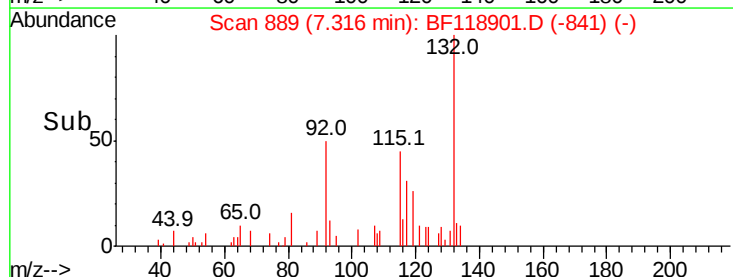
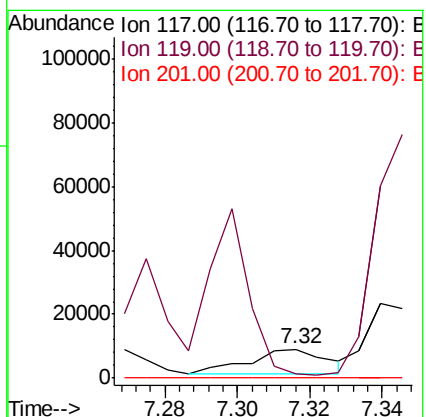
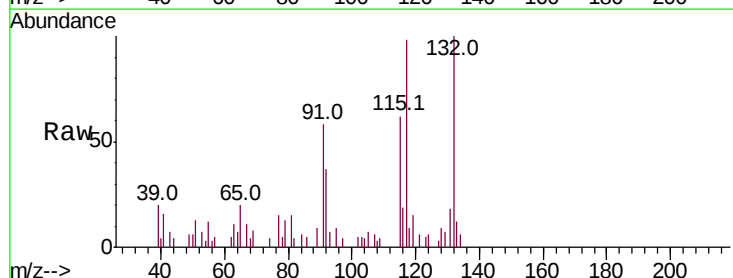
Tgt Ion: 117 Resp: 11315

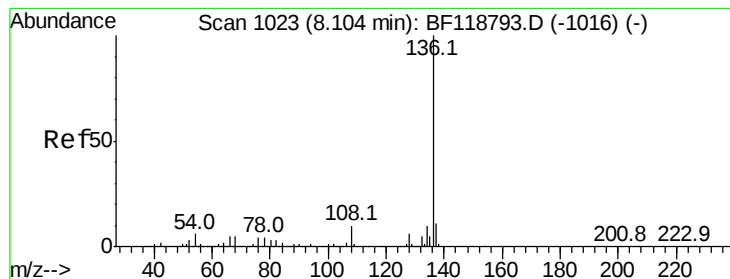
Ion Ratio Lower Upper

117 100

119 15.6 77.4 116.0#

201 0.0 85.1 127.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP7-EP2-2

Tot Ion:136 Resp: 613414

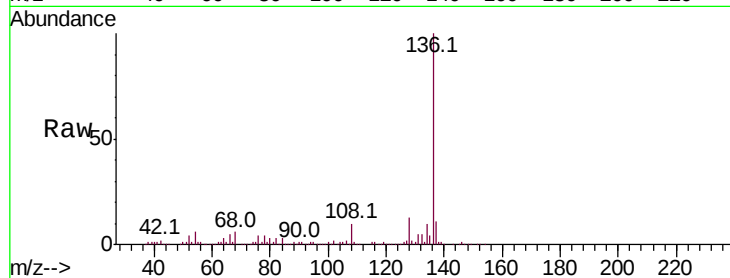
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 6.3 5.0 7.6

68 5.9 4.2 6.4

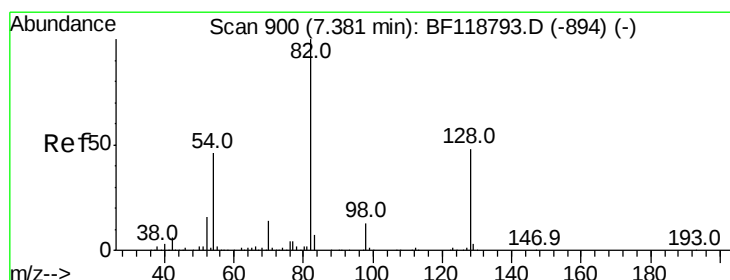
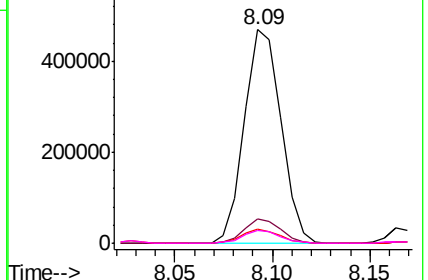
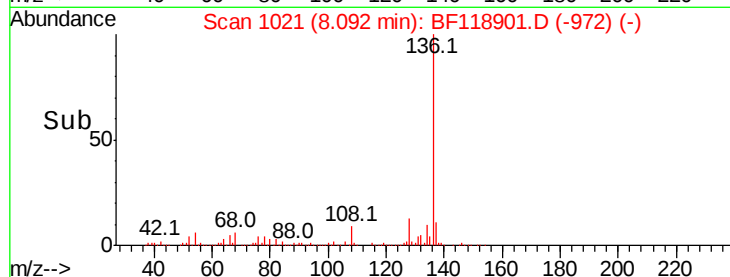


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.106 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

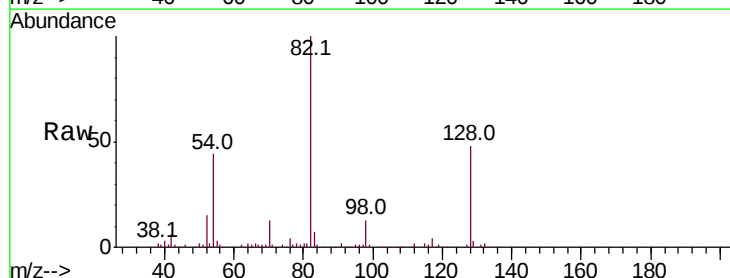
Tgt Ion: 82 Resp: 145166

Ion Ratio Lower Upper

82 100

128 48.3 38.5 57.7

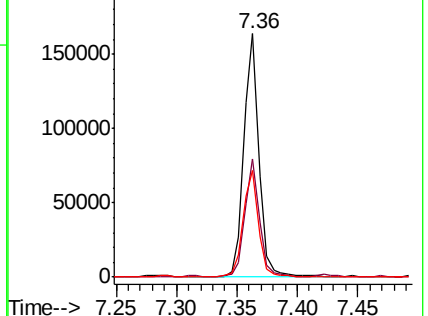
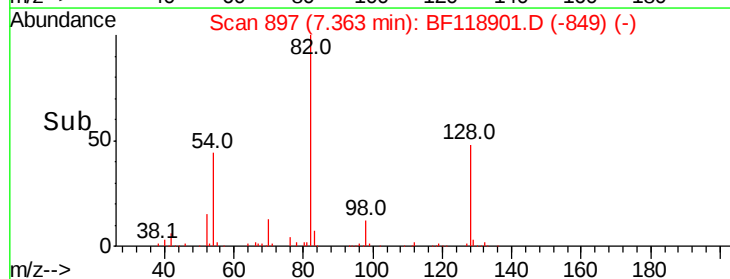
54 43.9 36.7 55.1

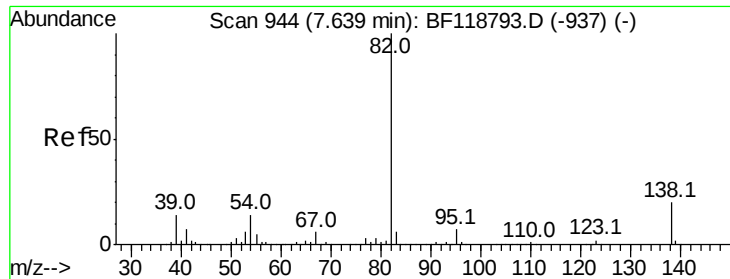


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.643 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP7-EP2-2

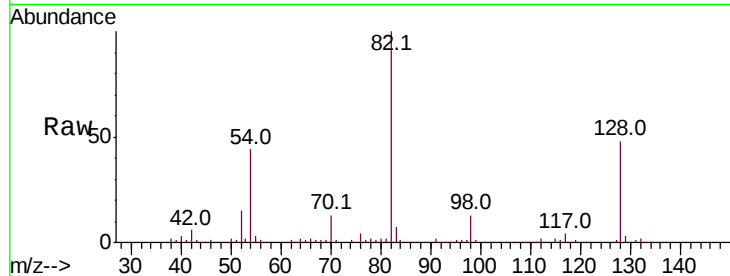
Tot Ion: 82 Resp: 141369

Ion Ratio Lower Upper

82 100

95 0.6 6.0 9.0#

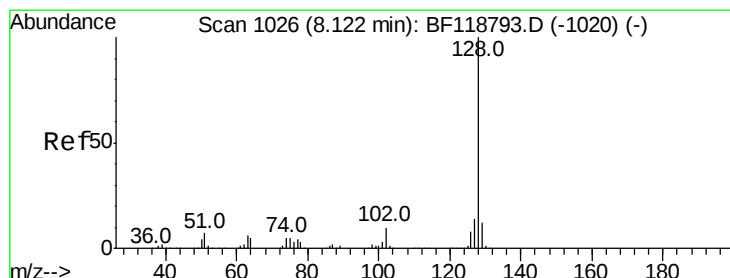
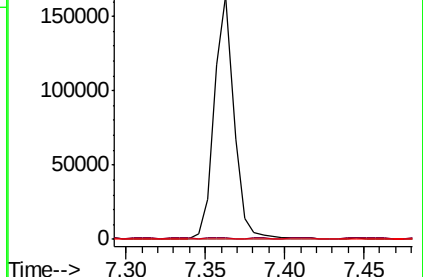
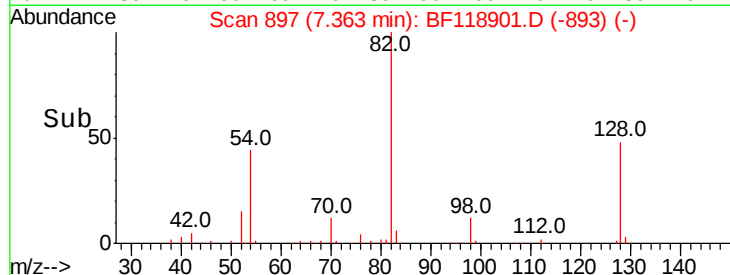
138 0.0 15.7 23.5#



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



#31

Naphthalene

Concen: 251.713 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

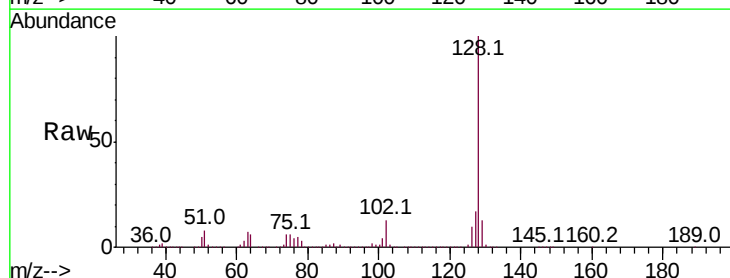
Tgt Ion:128 Resp: 7061811

Ion Ratio Lower Upper

128 100

129 13.2 9.4 14.2

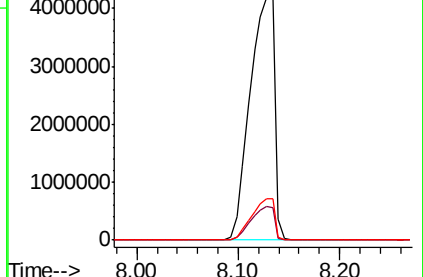
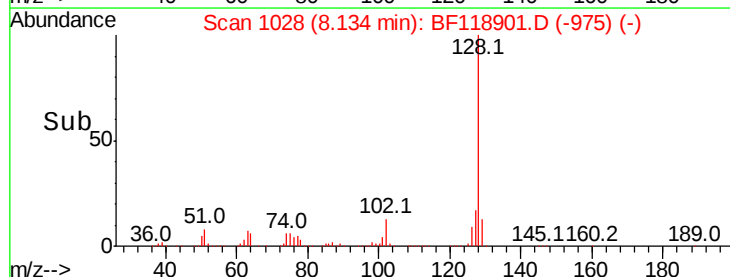
127 16.8 11.3 16.9

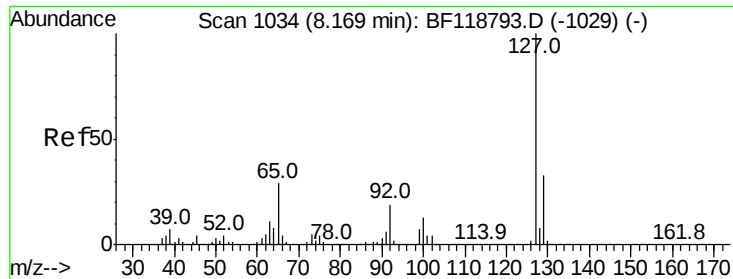


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

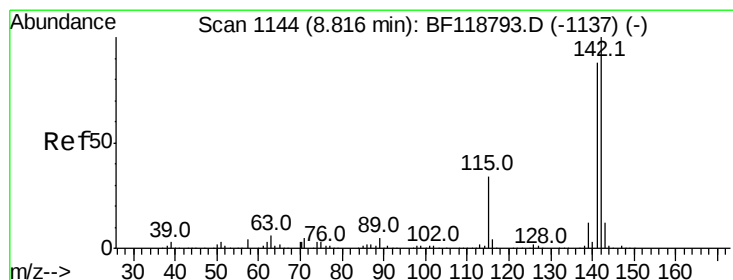
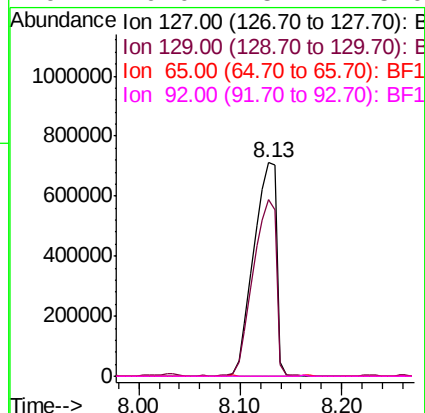
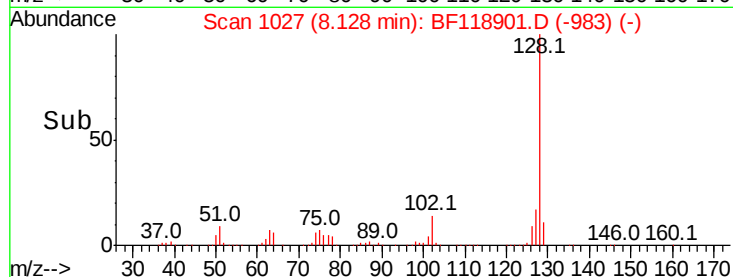
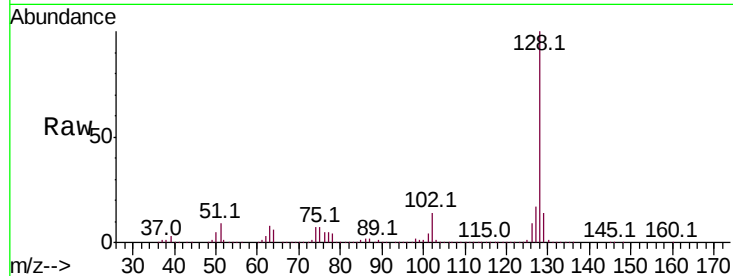




#33
4-Chloroaniline
Concen: 89.377 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

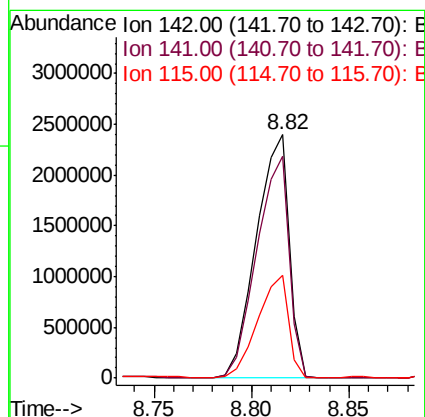
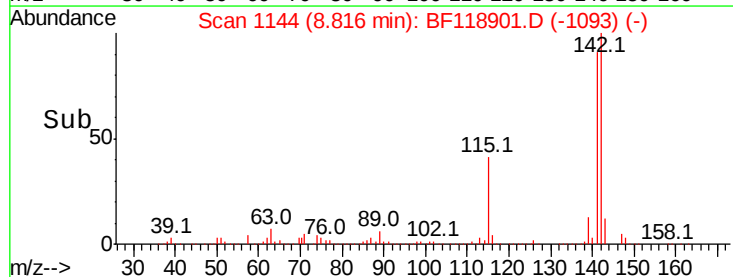
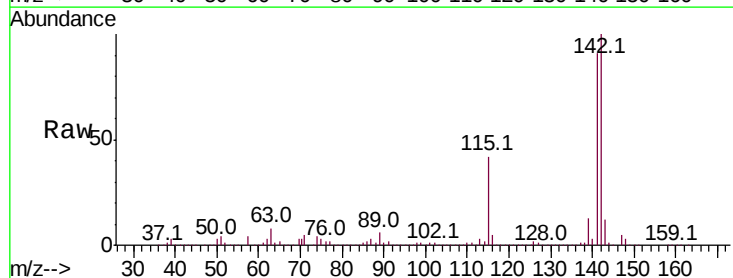
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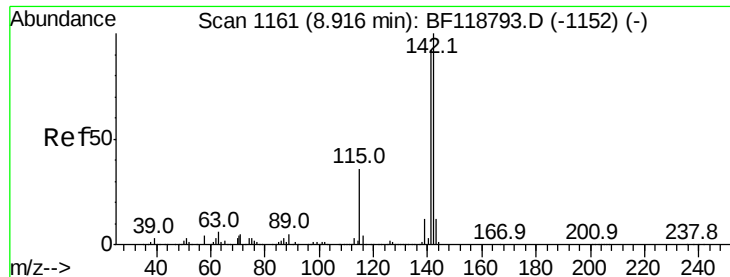
Tot Ion:127 Resp: 1121836
Ion Ratio Lower Upper
127 100
129 82.4 26.7 40.1#
65 0.0 22.9 34.3#
92 0.0 15.4 23.0#



#37
2-Methylnaphthalene
Concen: 143.327 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

Tgt Ion:142 Resp: 2788793
Ion Ratio Lower Upper
142 100
141 91.0 70.1 105.1
115 42.0 27.3 40.9#

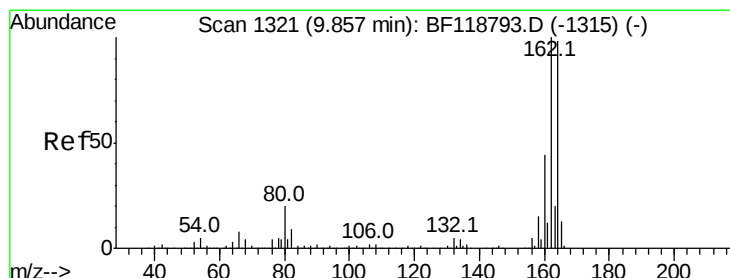
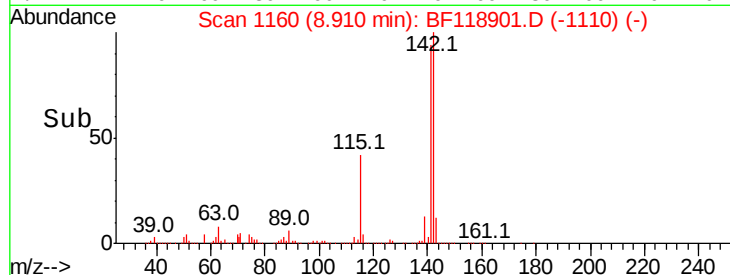
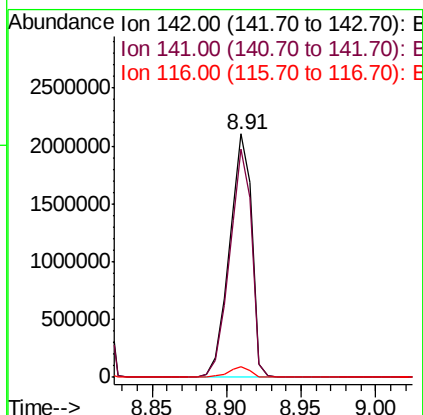
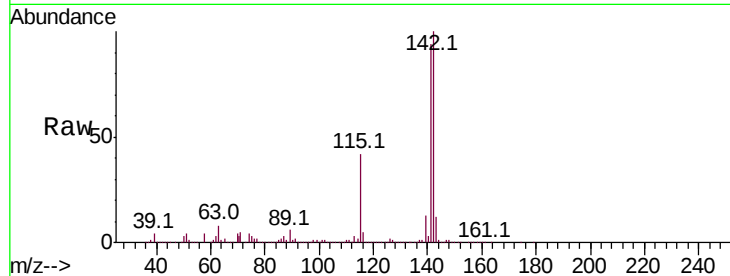




#38
1-Methvlnaphthalene
Concen: 120.687 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

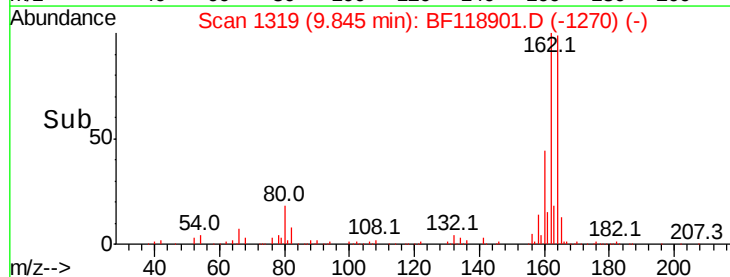
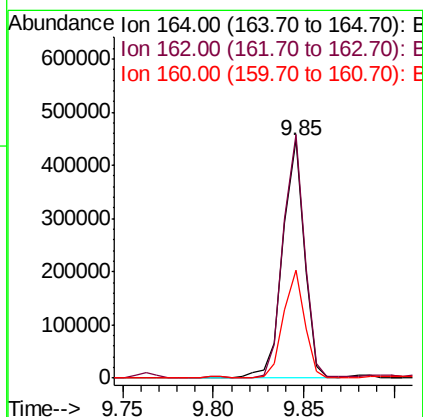
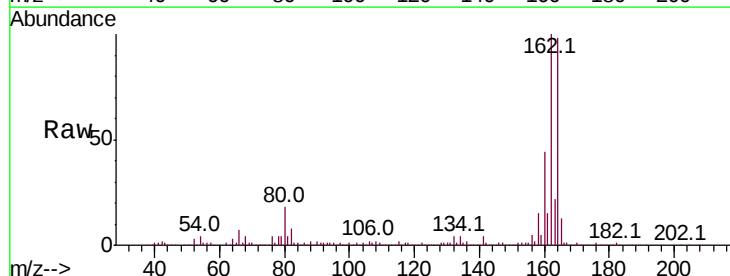
Instrument :
BNA_F
ClientSampled :
TP7-EP2-2

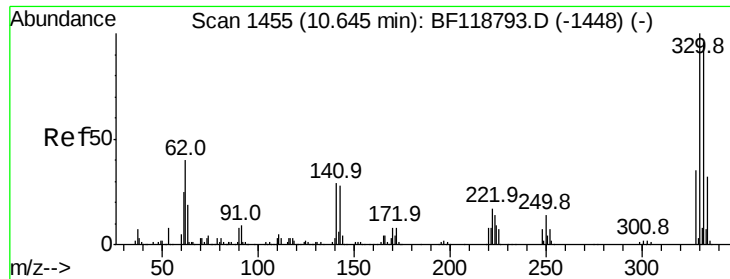
Tot Ion:142 Resp: 2209046
Ion Ratio Lower Upper
142 100
141 94.0 73.8 110.6
116 4.5 3.0 4.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

Tgt Ion:164 Resp: 373501
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.2
160 45.2 35.6 53.4

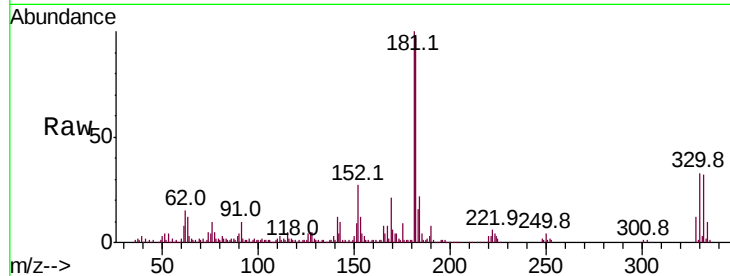




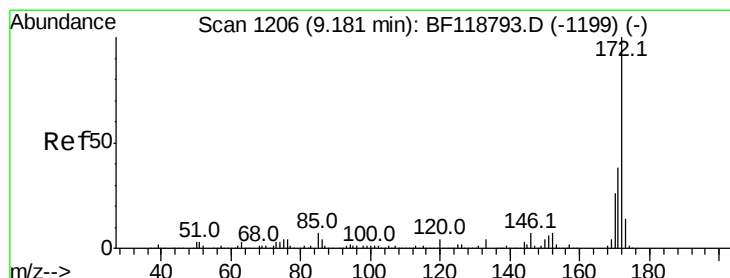
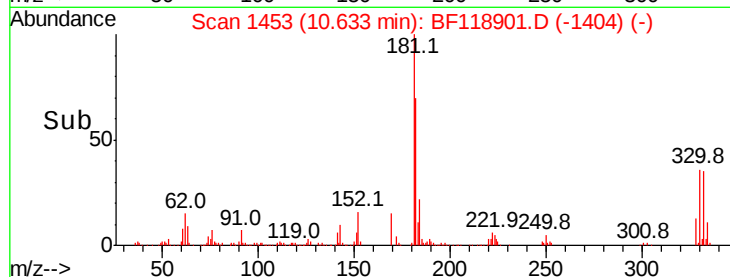
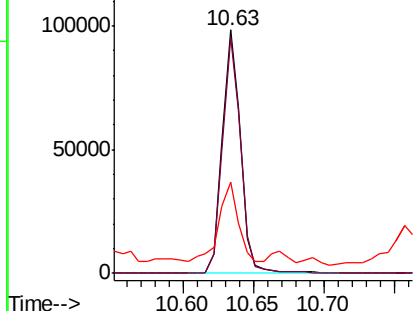
#42
 2,4,6-Tribromophenol
 Concen: 19.766 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118901.D
 Acq: 11 Feb 2020 23:27

Instrument :
 BNA_F
 ClientSampleId :
 TP7-EP2-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	34.6	22.4	33.6#

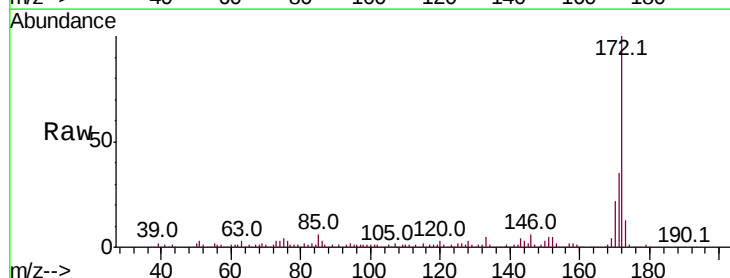


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

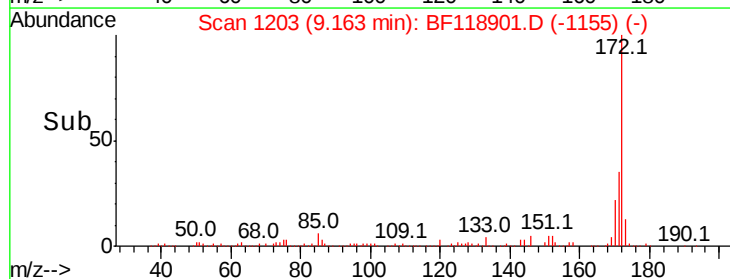
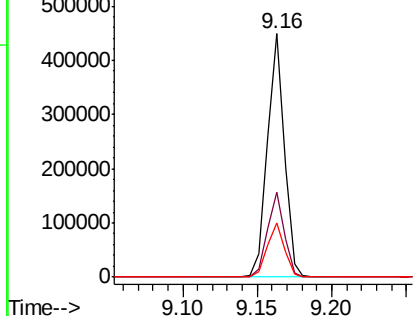


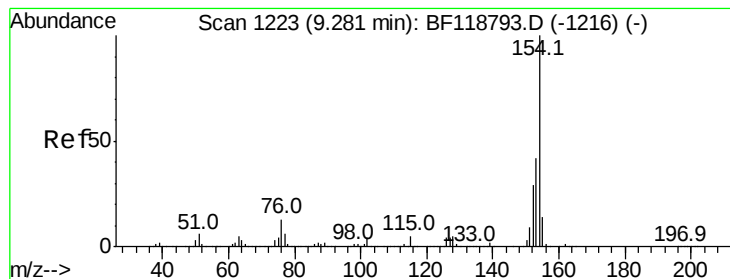
#45
 2-Fluorobiphenyl
 Concen: 16.794 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BF118901.D
 Acq: 11 Feb 2020 23:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.8	46.2
170	22.3	20.5	30.7



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: 27.927 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.02 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

Instrument :

BNA_F

ClientSampled :

TP7-EP2-2

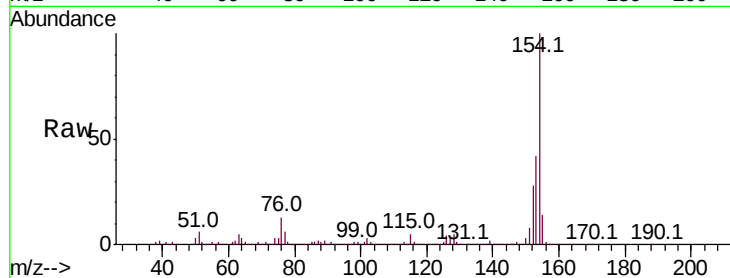
Tot Ion:154 Resp: 721545

Ion Ratio Lower Upper

154 100

153 41.8 22.4 62.4

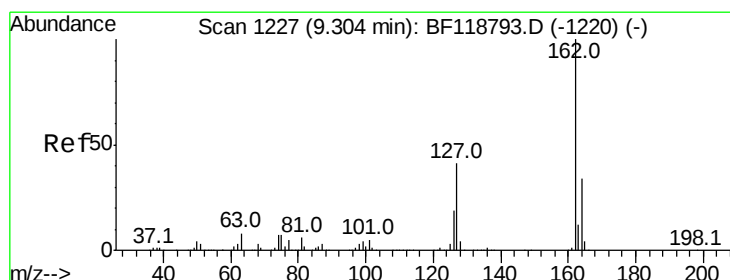
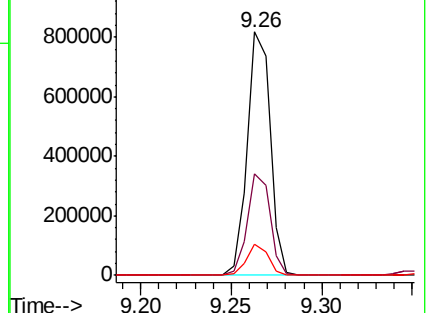
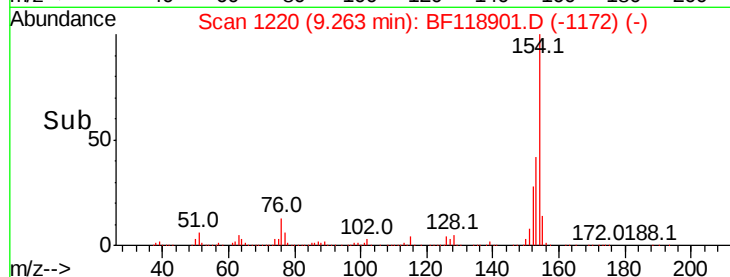
76 12.7 0.0 32.7



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: 5.530 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.04 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

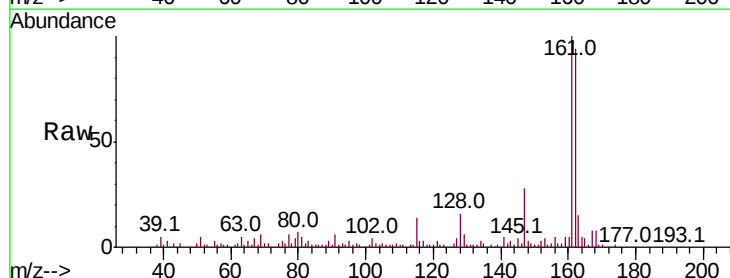
Tgt Ion:162 Resp: 118773

Ion Ratio Lower Upper

162 100

127 4.7 33.3 49.9#

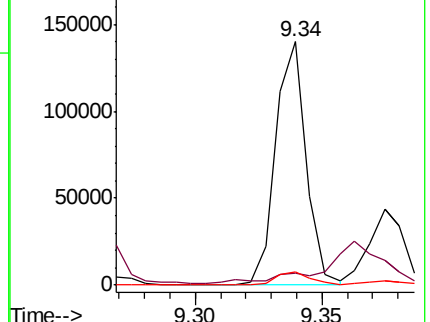
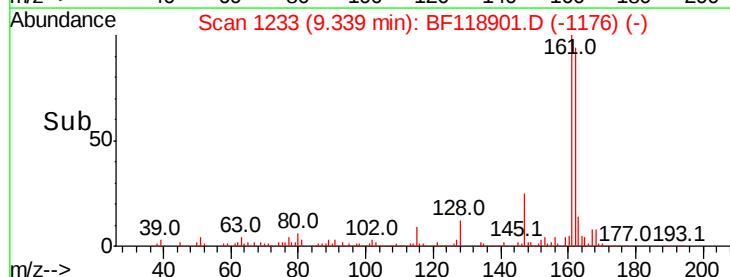
164 5.5 27.1 40.7#

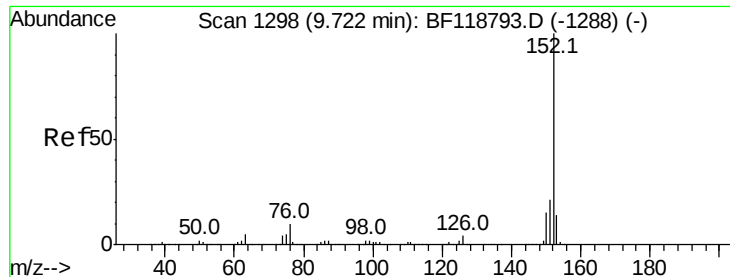


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthylene

Concen: 49.316 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP7-EP2-2

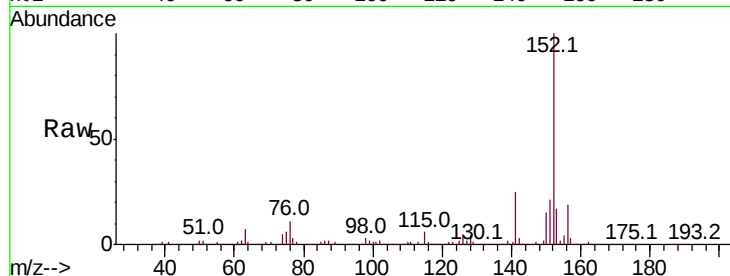
Tot Ion:152 Resp: 1529426

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

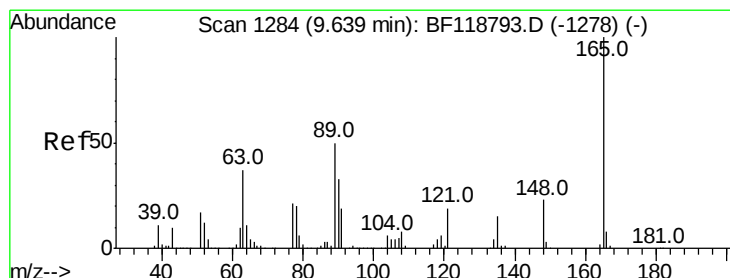
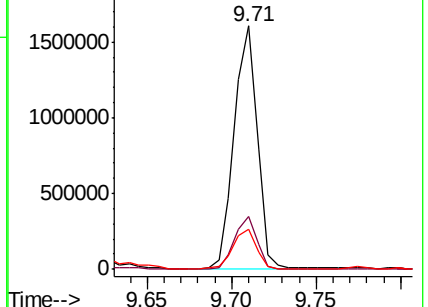
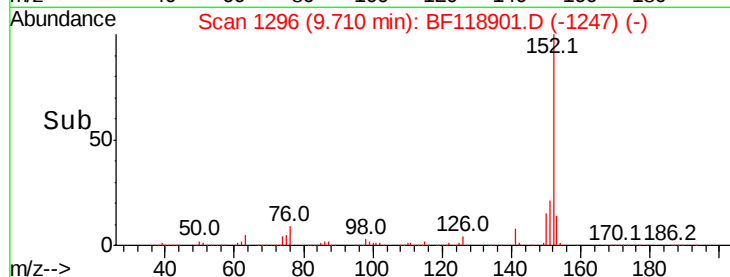
153 16.6 11.0 16.4#



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: 2.899 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.10 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

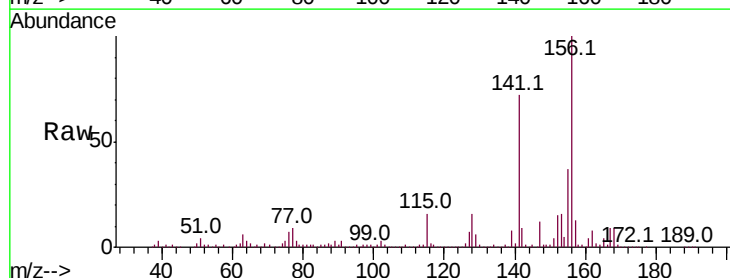
Tgt Ion:165 Resp: 16867

Ion Ratio Lower Upper

165 100

63 160.3 37.4 56.0#

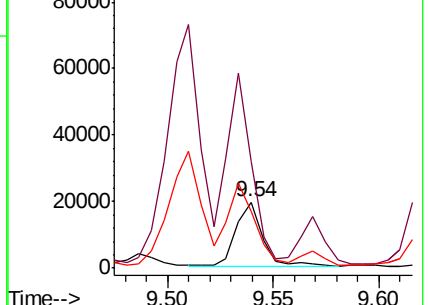
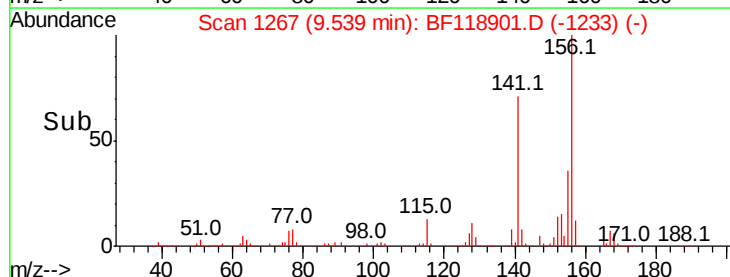
89 85.1 39.7 59.5#

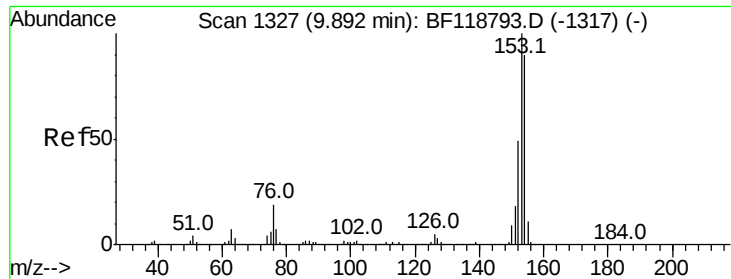


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 16.186 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP7-EP2-2

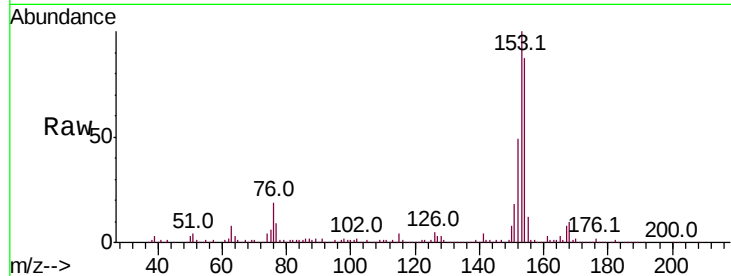
Tot Ion:154 Resp: 330779

Ion Ratio Lower Upper

154 100

153 114.4 89.4 134.0

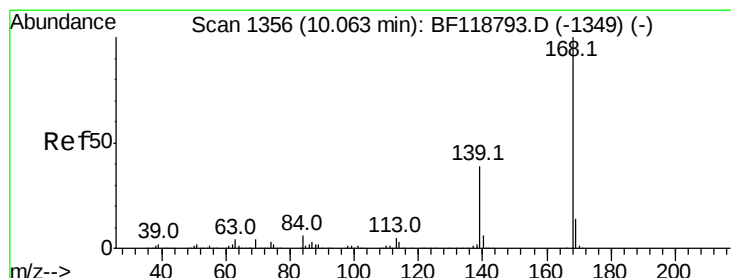
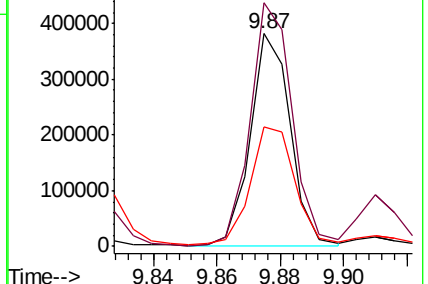
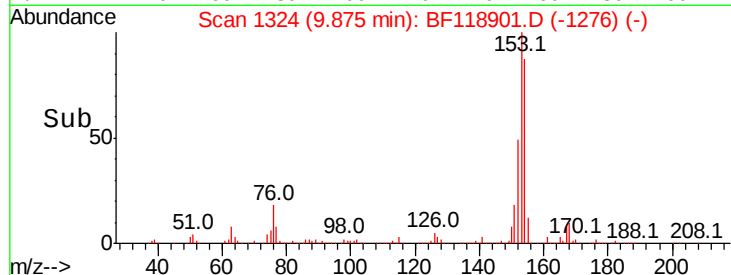
152 56.0 43.6 65.4



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: 29.234 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

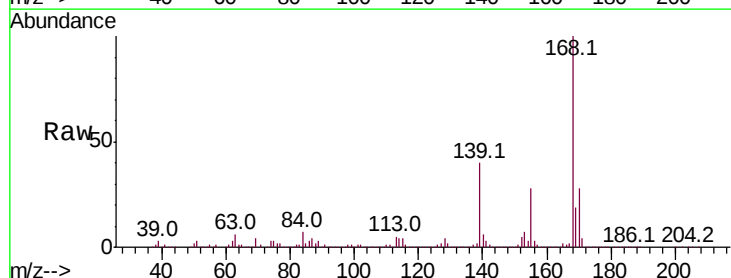
Tgt Ion:168 Resp: 863390

Ion Ratio Lower Upper

168 100

139 40.2 31.6 47.4

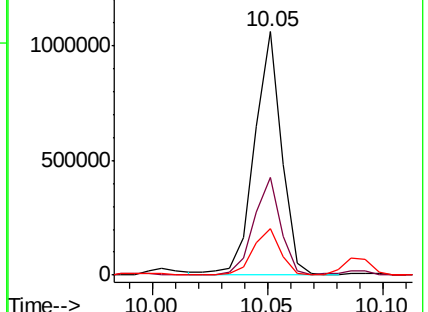
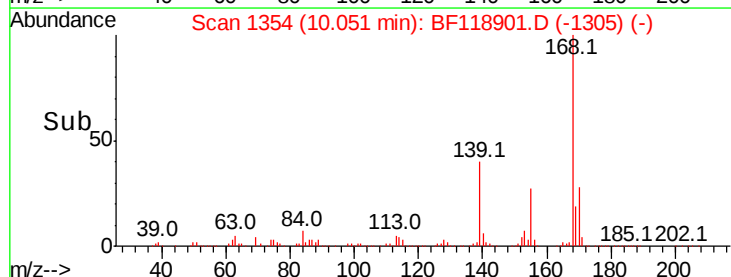
169 18.9 11.4 17.2#

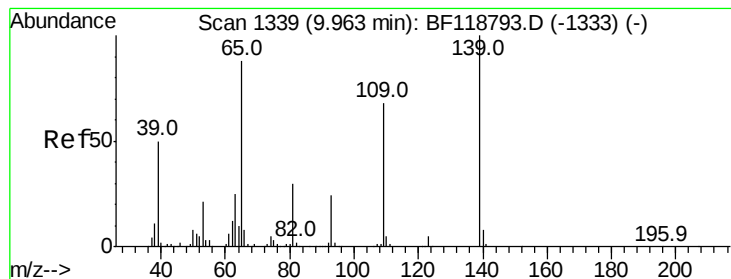


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 4.239 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP7-EP2-2

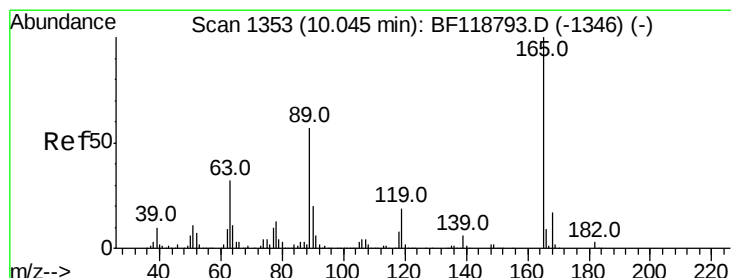
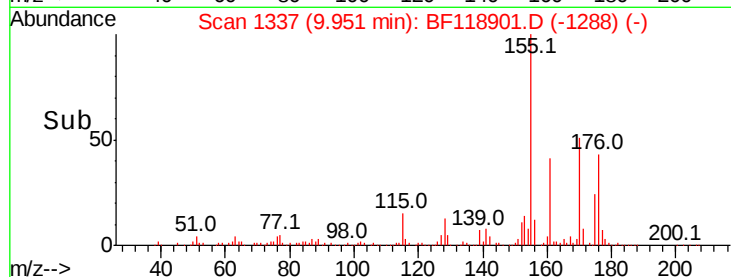
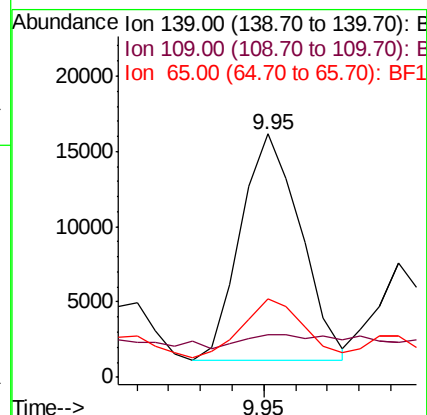
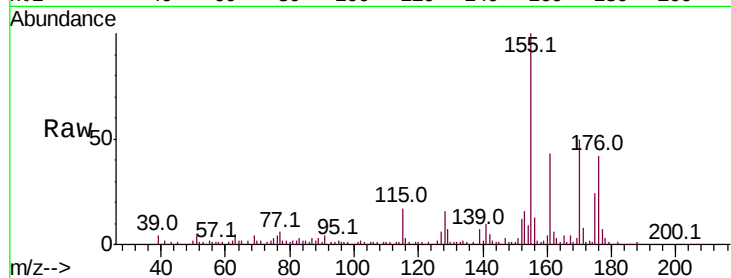
Tot Ion:139 Resp: 19799

Ion Ratio Lower Upper

139 100

109 17.4 48.0 88.0#

65 32.3 68.3 108.3#



#57

2,4-Dinitrotoluene

Concen: 3.652 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.02 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

Tgt Ion:165 Resp: 28124

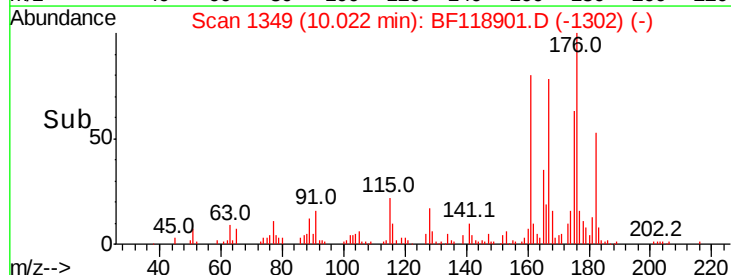
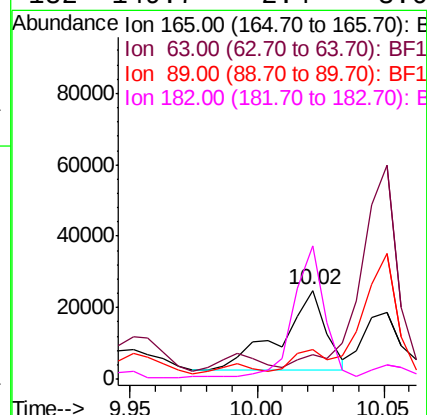
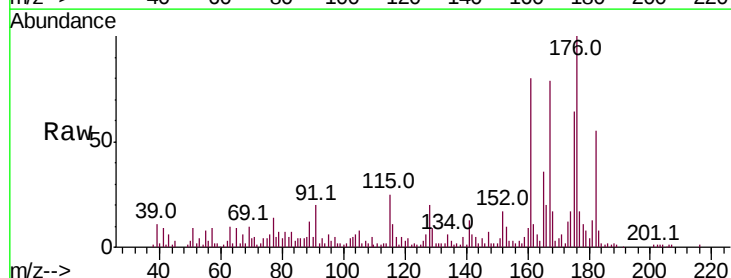
Ion Ratio Lower Upper

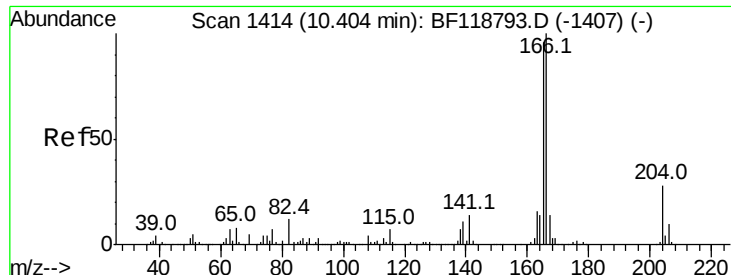
165 100

63 27.8 25.5 38.3

89 33.3 45.4 68.0#

182 149.7 2.4 3.6#





#58

Fluorene

Concen: 85.913 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP7-EP2-2

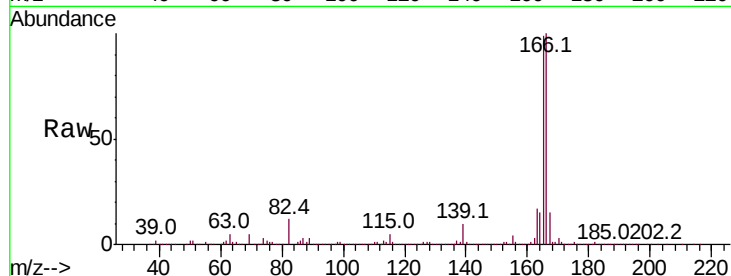
Tot Ion:166 Resp: 1908886

Ion Ratio Lower Upper

166 100

165 98.6 77.0 115.6

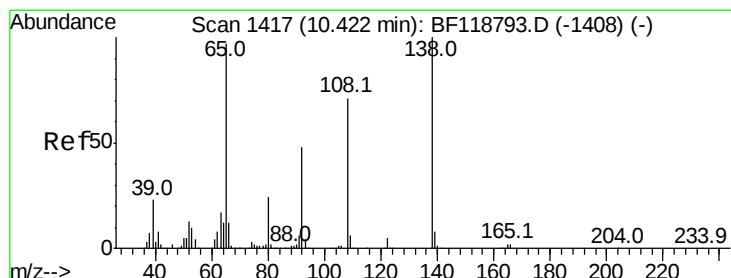
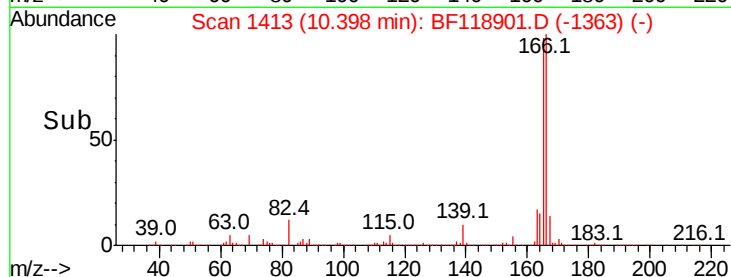
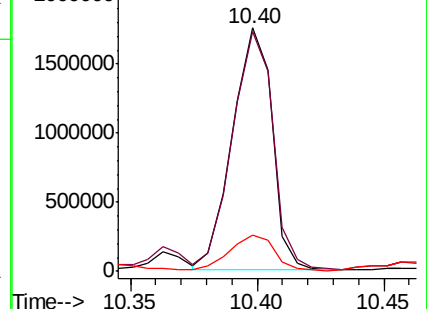
167 14.8 11.1 16.7



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: 3.528 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

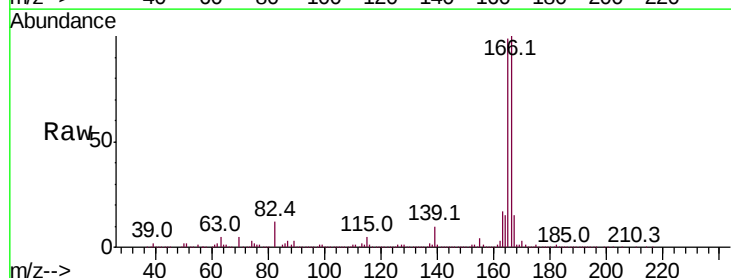
Tgt Ion:138 Resp: 22799

Ion Ratio Lower Upper

138 100

92 5.8 27.6 67.6#

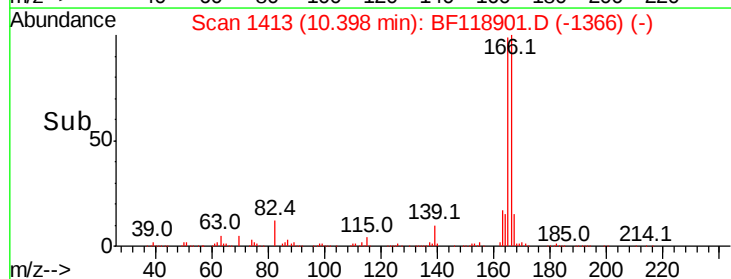
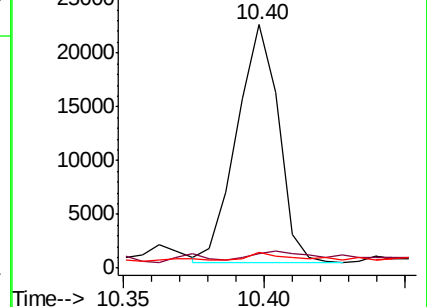
108 6.3 51.3 91.3#

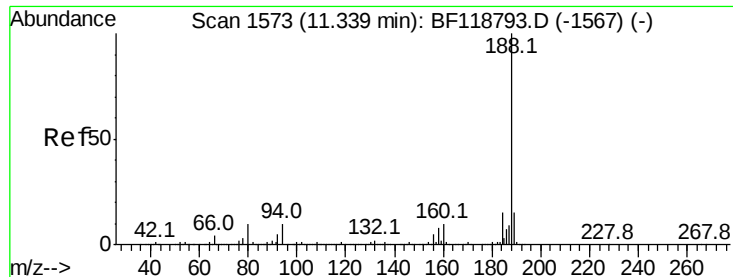


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

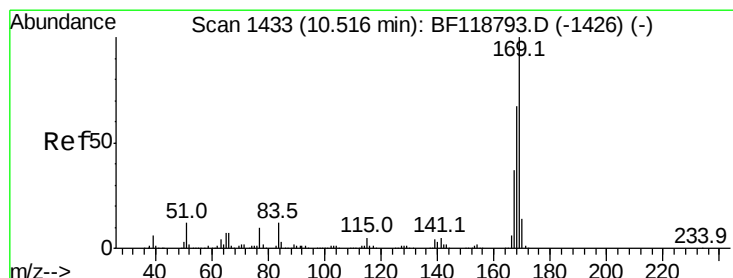
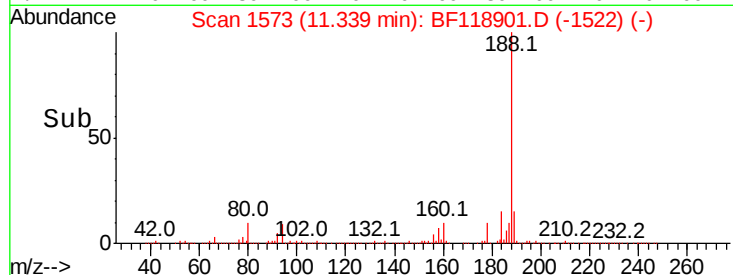
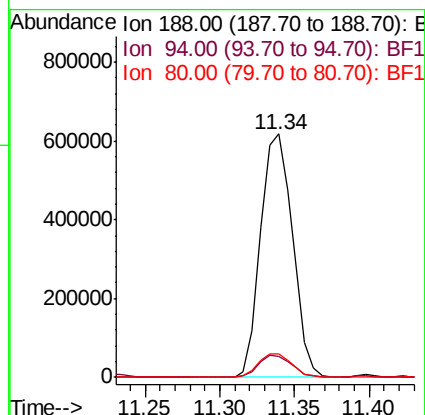
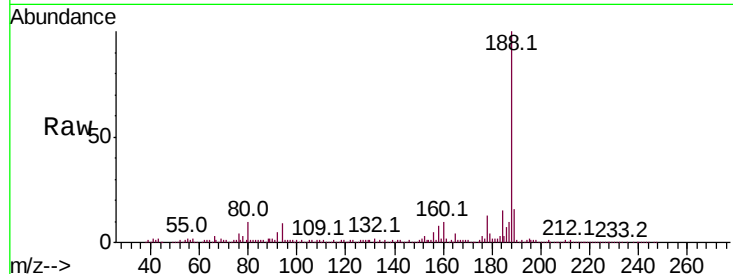




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

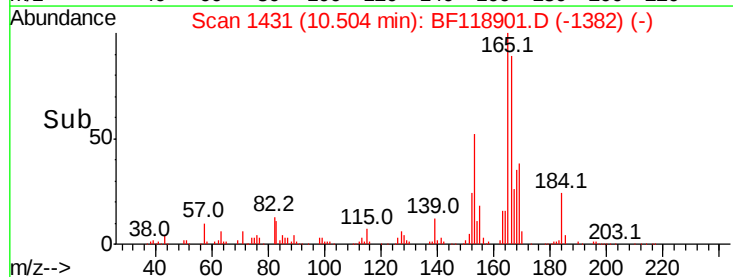
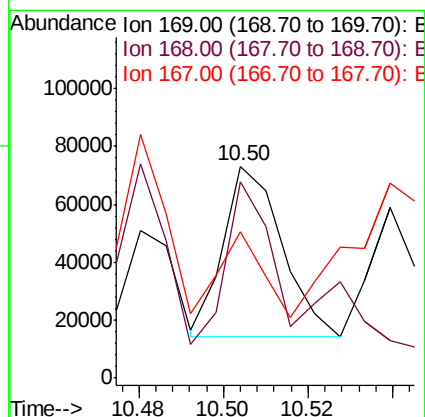
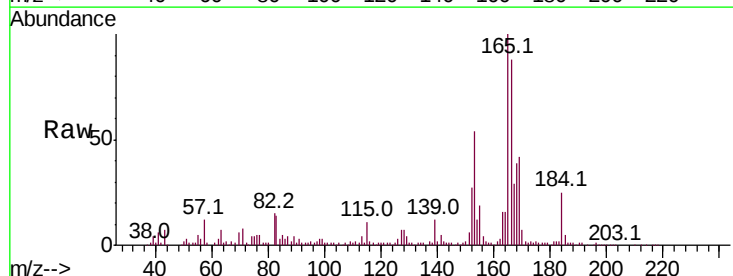
Instrument :
BNA_F
ClientSampleId :
TP7-EP2-2

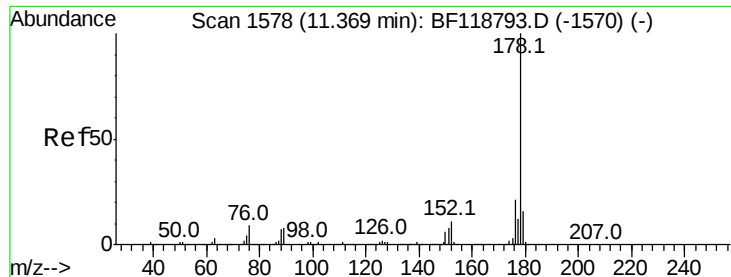
Tot Ion:188 Resp: 909244
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.9 8.4 12.6



#66
n-Nitrosodiphenylamine
Concen: 2.142 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

Tgt Ion:169 Resp: 56417
Ion Ratio Lower Upper
169 100
168 92.4 53.5 80.3#
167 68.9 29.3 43.9#





#71

Phenanthrene

Concen: 176.322 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP7-EP2-2

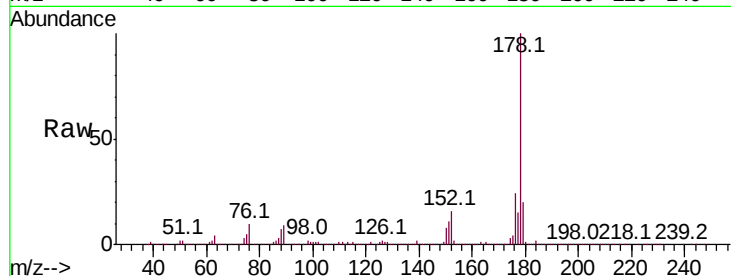
Tot Ion:178 Resp: 7887971

Ion Ratio Lower Upper

178 100

176 24.4 16.6 24.8

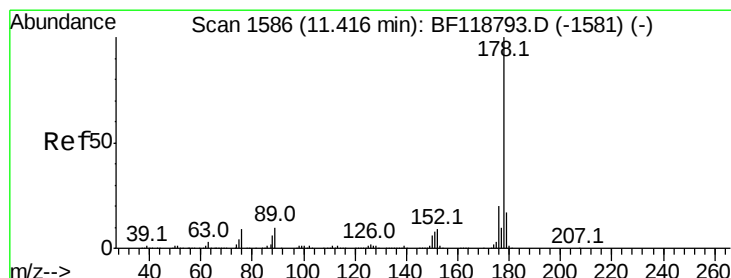
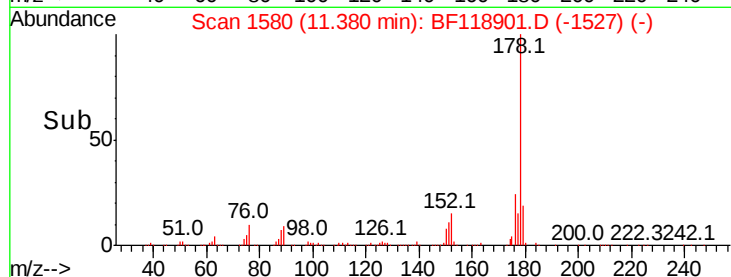
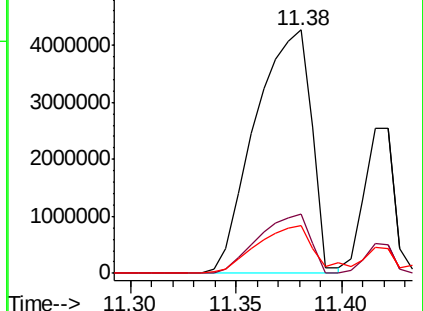
179 19.6 13.2 19.8



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: 52.840 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

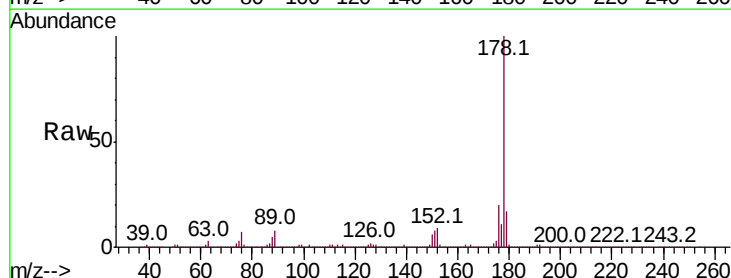
Tgt Ion:178 Resp: 2351627

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

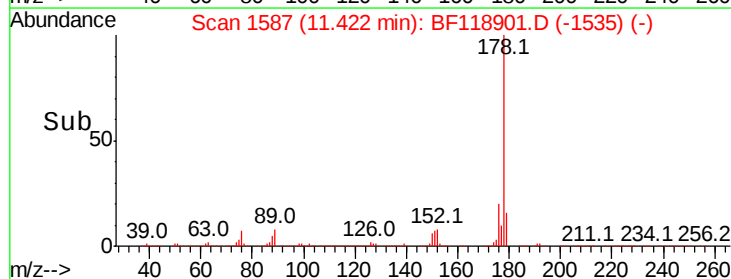
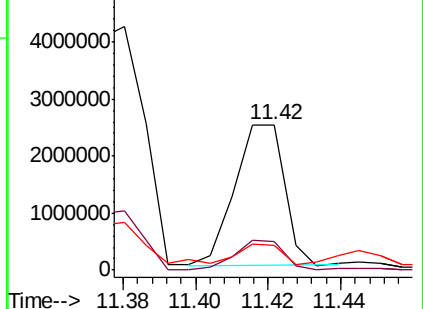
179 16.8 13.4 20.2

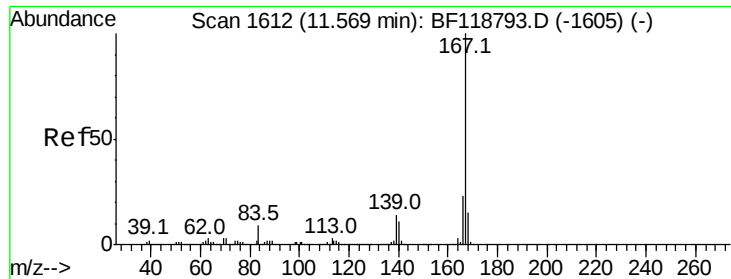


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

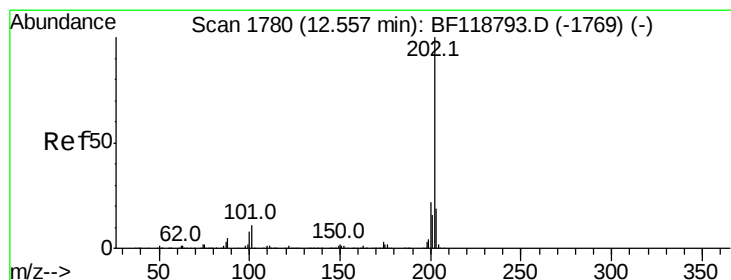
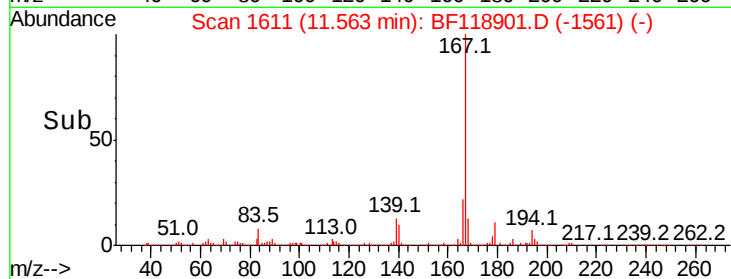
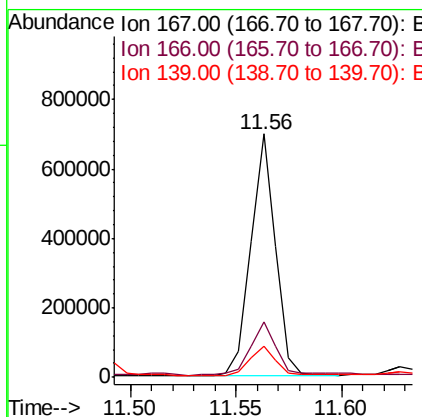
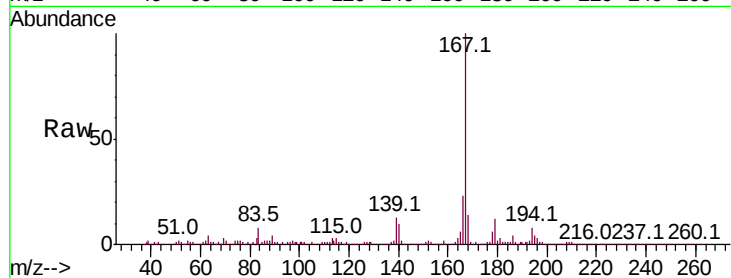




#73
 Carbazole
 Concen: 14.470 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118901.D
 Acq: 11 Feb 2020 23:27

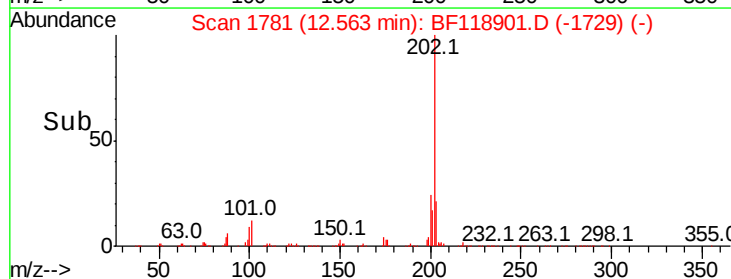
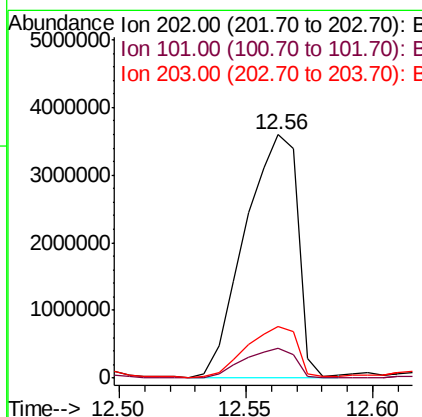
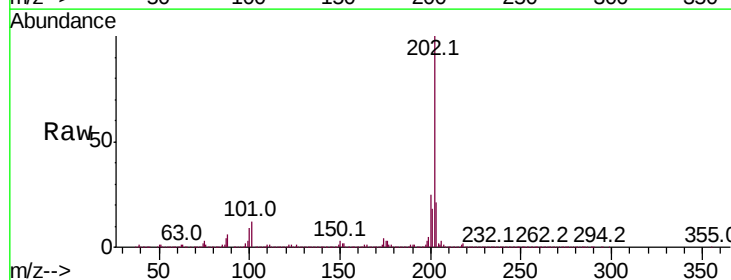
Instrument :
 BNA_F
 ClientSampleId :
 TP7-EP2-2

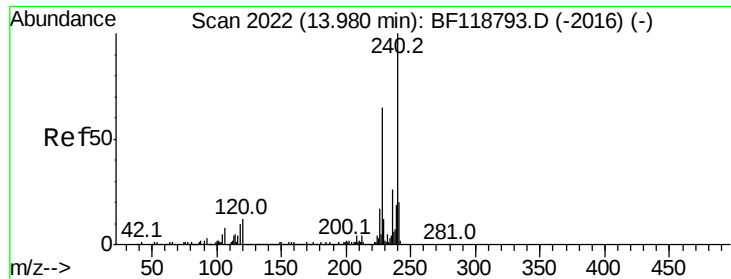
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.4	27.6
139	13.0	11.1	16.7



#75
 Fluoranthene
 Concen: 106.380 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.01 min
 Lab File: BF118901.D
 Acq: 11 Feb 2020 23:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.0
203	21.0	0.0	38.7

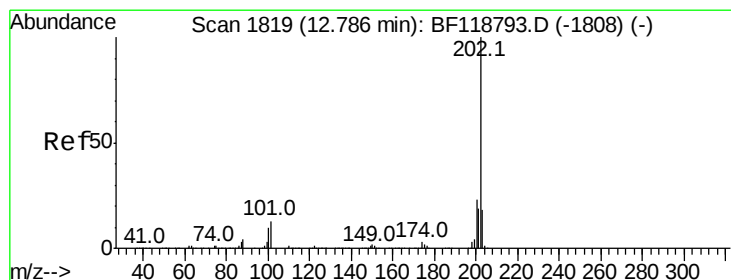
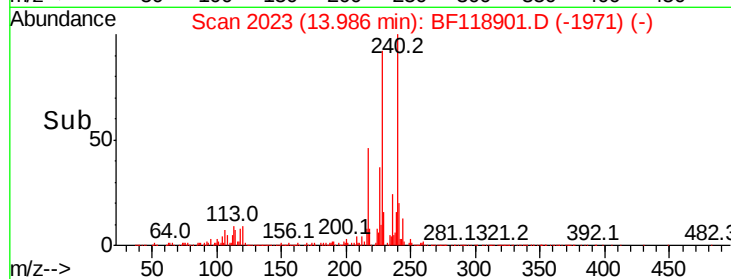
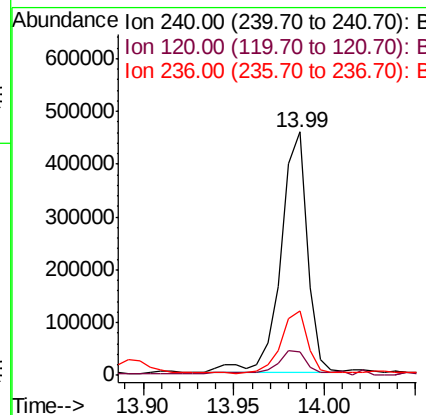
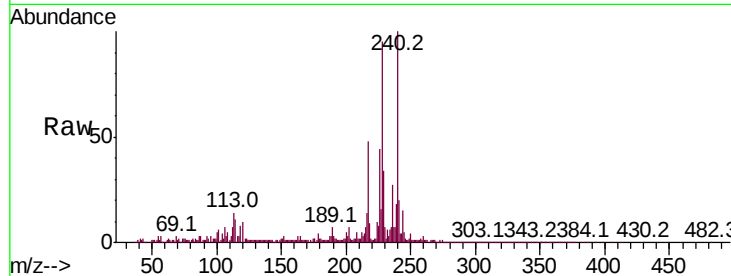




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

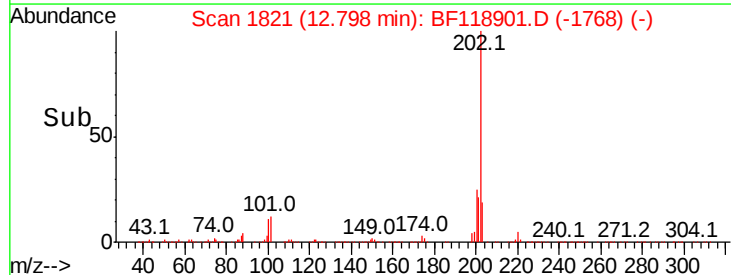
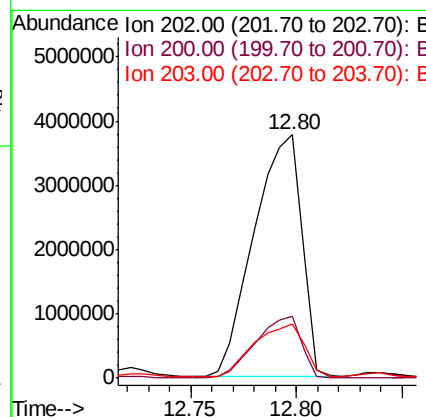
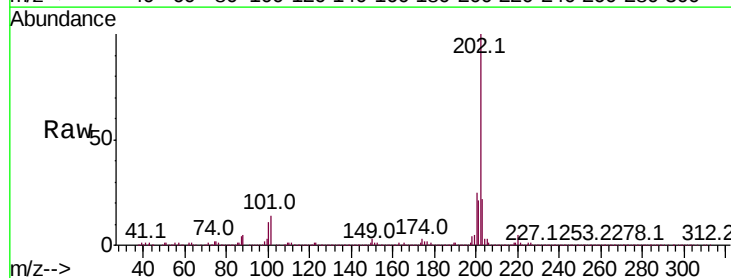
Instrument :
BNA_F
ClientSampleId :
TP7-EP2-2

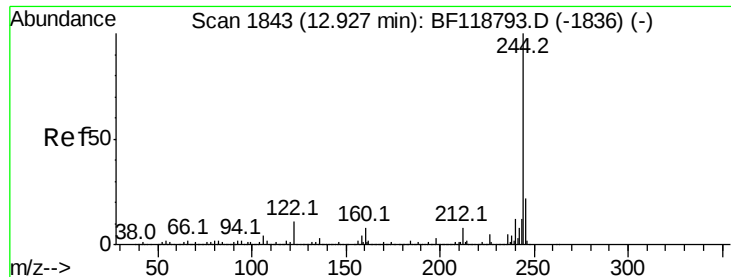
Tot Ion:240 Resp: 466492
Ion Ratio Lower Upper
240 100
120 9.6 9.4 14.0
236 26.7 21.0 31.6



#78
Pyrene
Concen: 184.497 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

Tgt Ion:202 Resp: 5904387
Ion Ratio Lower Upper
202 100
200 25.4 18.2 27.2
203 22.1 14.8 22.2

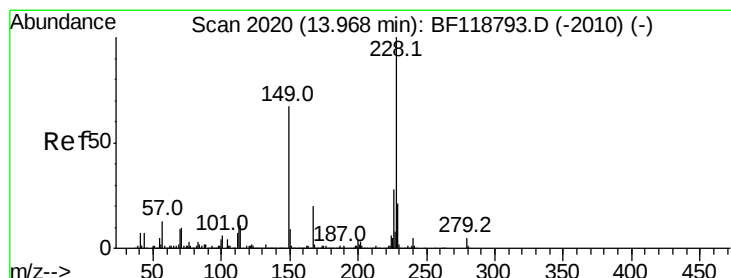
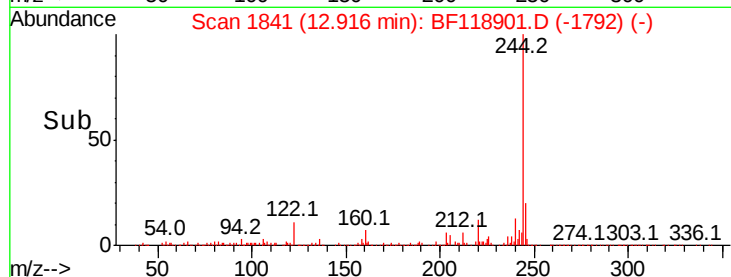
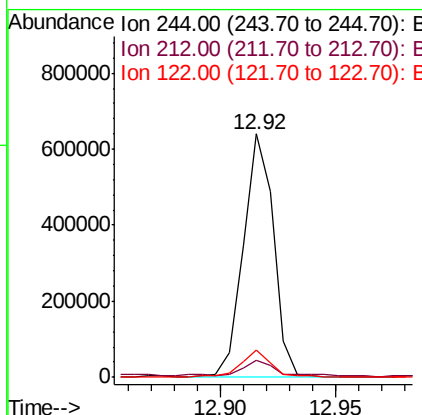
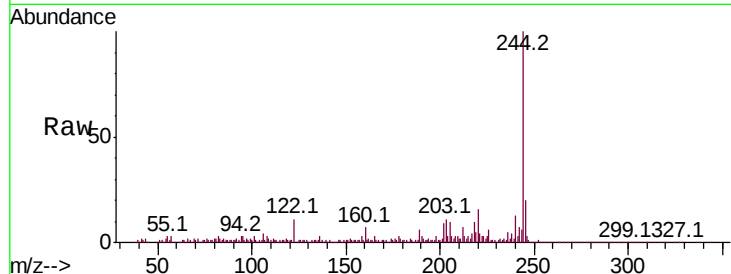




#79
 Terphenyl-d14
 Concen: 25.626 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118901.D
 Acq: 11 Feb 2020 23:27

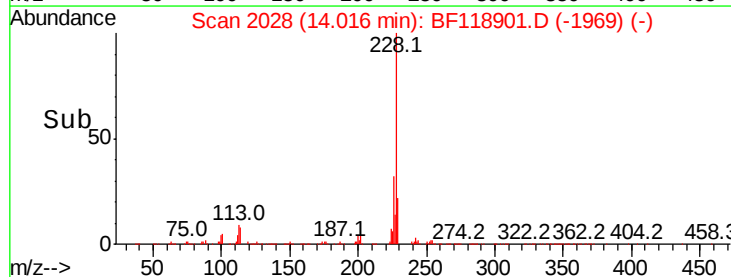
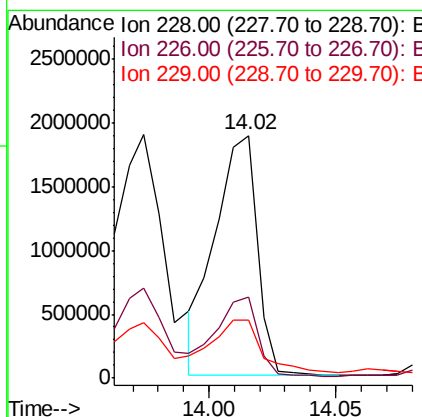
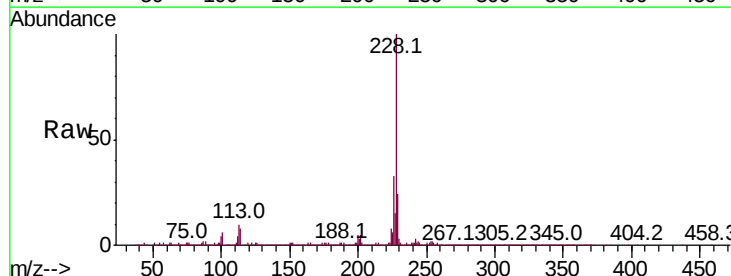
Instrument :
 BNA_F
 ClientSampleId :
 TP7-EP2-2

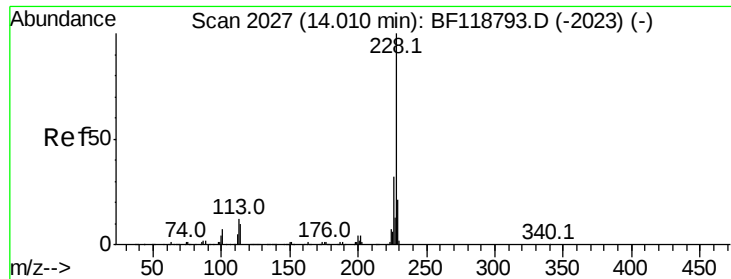
Tot Ion:244 Resp: 581984
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 11.0 8.9 13.3



#81
 Benzo(a)anthracene
 Concen: 78.790 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.05 min
 Lab File: BF118901.D
 Acq: 11 Feb 2020 23:27

Tgt Ion:228 Resp: 2187137
 Ion Ratio Lower Upper
 228 100
 226 33.2 22.7 34.1
 229 23.7 16.6 25.0

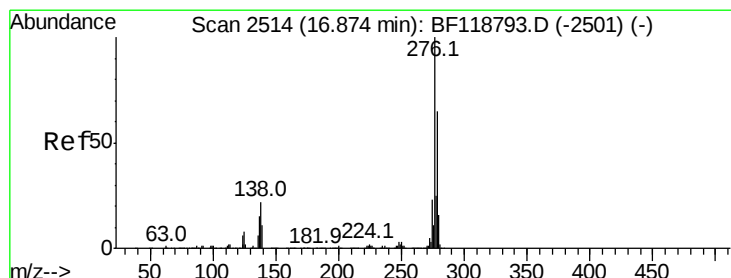
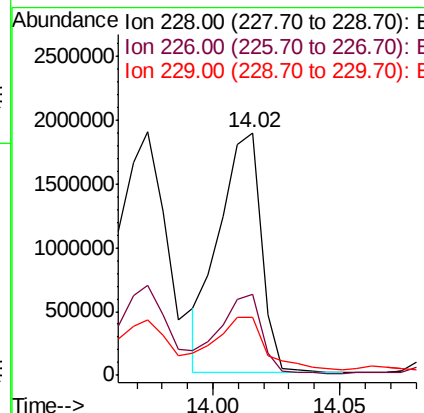
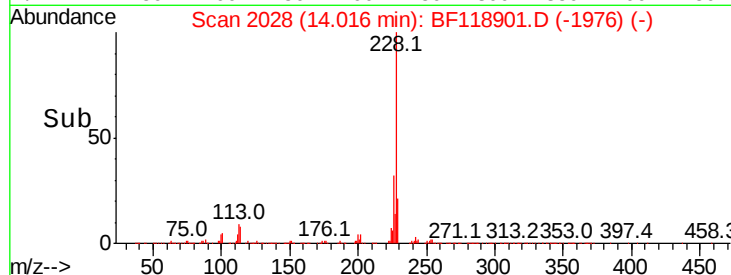
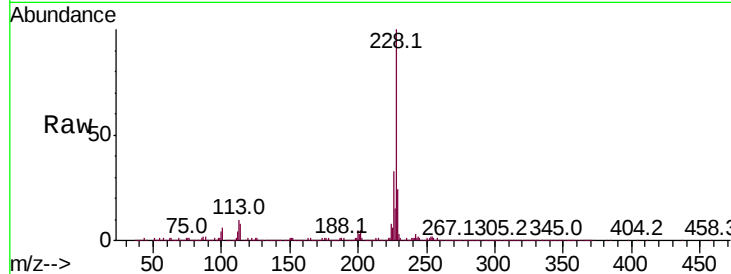




#83
Chrysene
Concen: 78.503 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

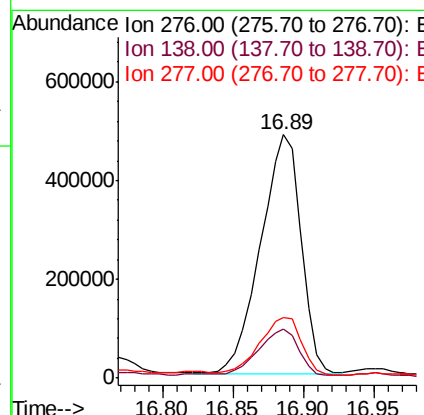
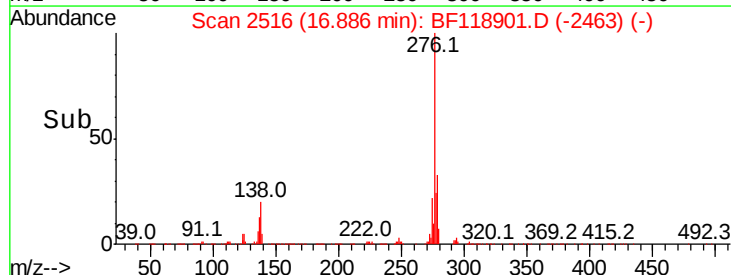
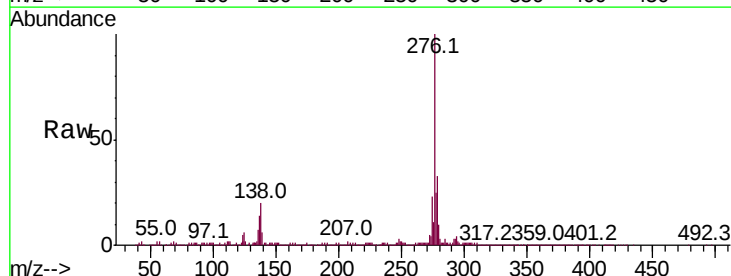
Instrument :
BNA_F
ClientSampleId :
TP7-EP2-2

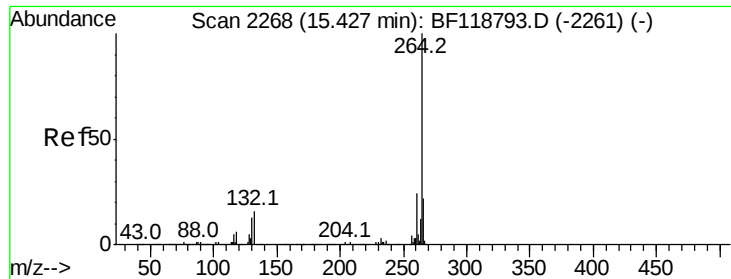
Tot Ion:228 Resp: 2187137
Ion Ratio Lower Upper
228 100
226 33.2 25.4 38.0
229 23.7 16.9 25.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.630 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

Tgt Ion:276 Resp: 969383
Ion Ratio Lower Upper
276 100
138 20.2 18.3 27.5
277 25.0 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP7-EP2-2

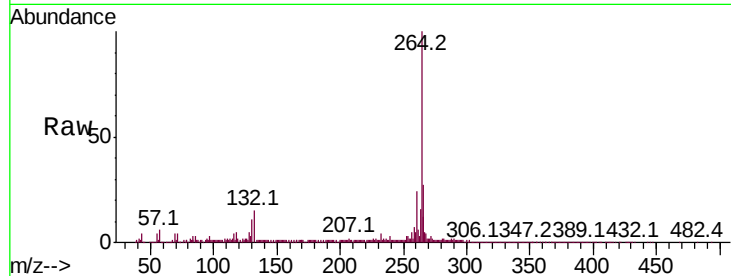
Tot Ion:264 Resp: 527190

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

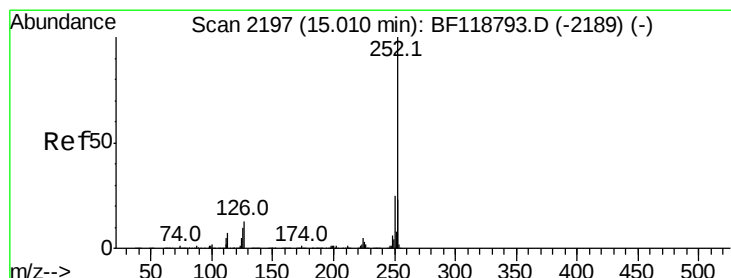
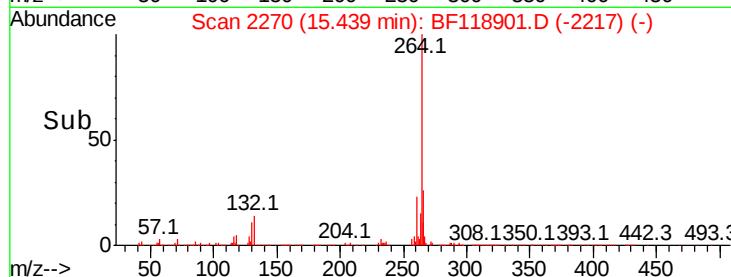
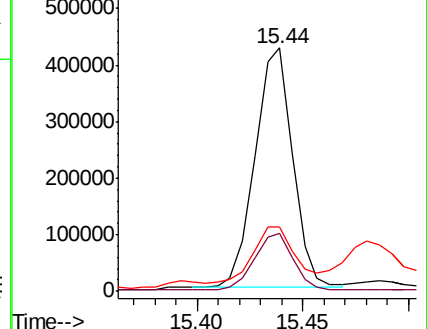
265 26.6 17.2 25.8#



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: 96.619 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF118901.D

Acq: 11 Feb 2020 23:27

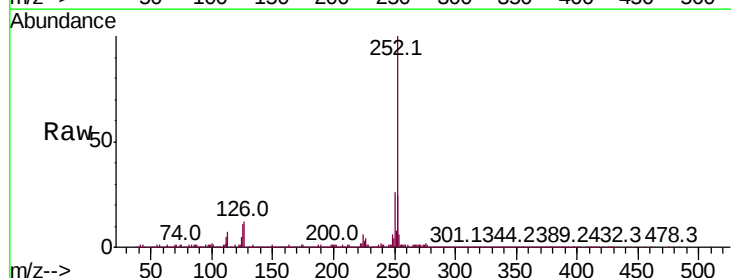
Tgt Ion:252 Resp: 3160726

Ion Ratio Lower Upper

252 100

253 23.9 18.4 27.6

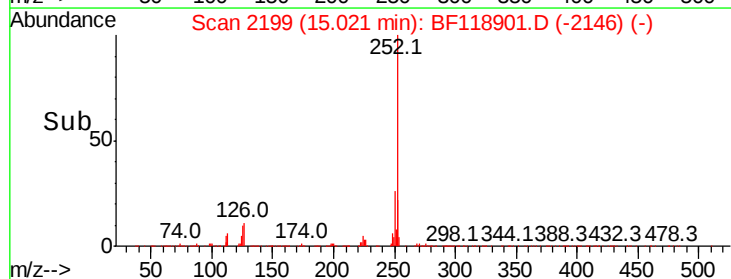
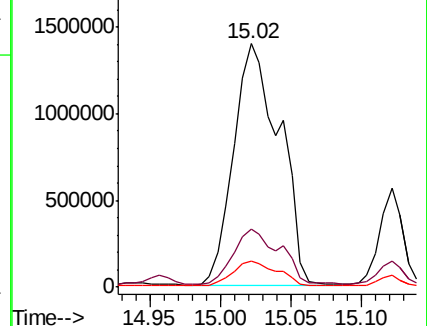
125 10.8 8.1 12.1

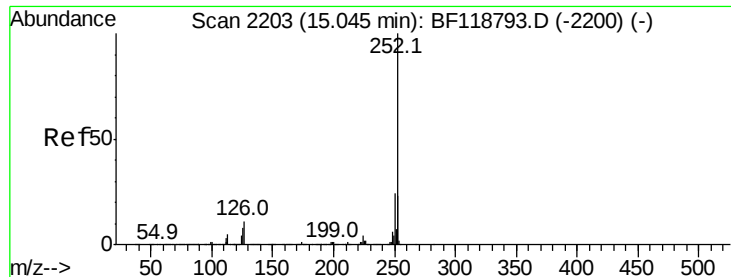


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

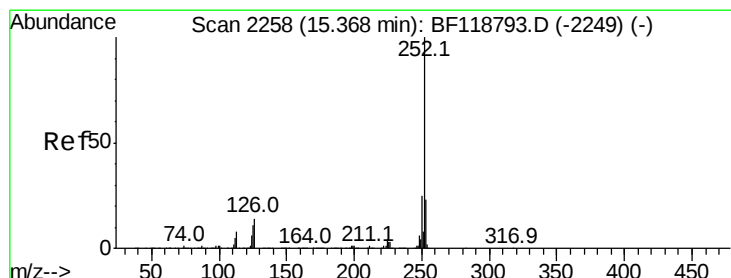
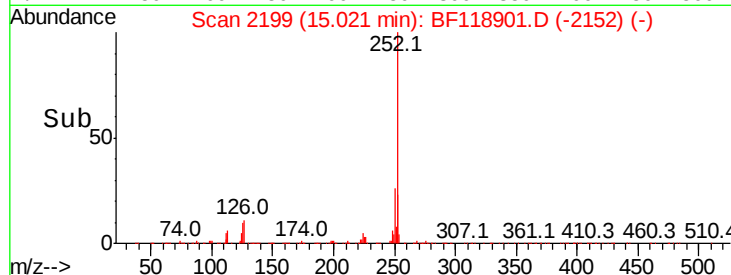
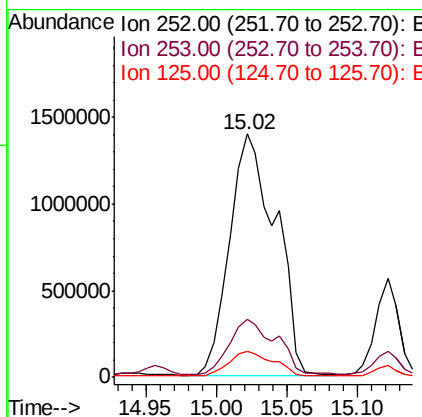
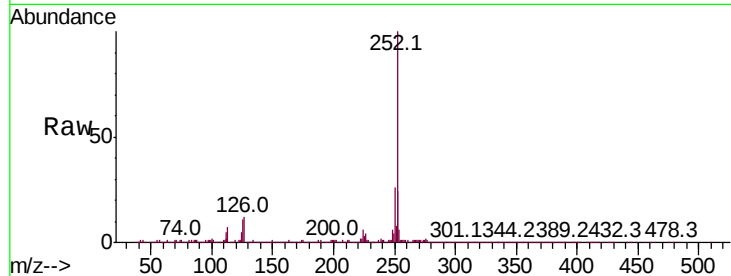




#89
Benzo(k)fluoranthene
Concen: 110.955 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

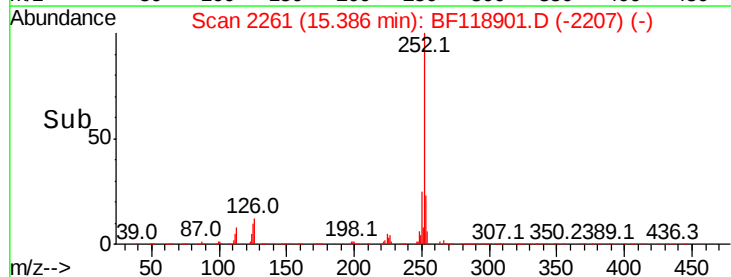
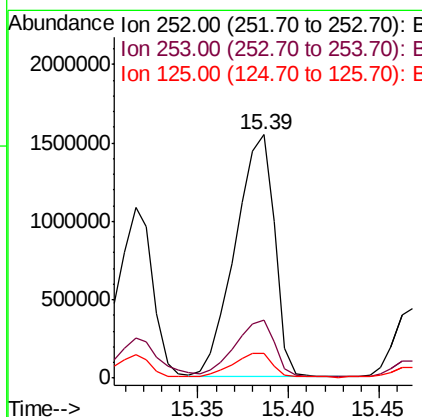
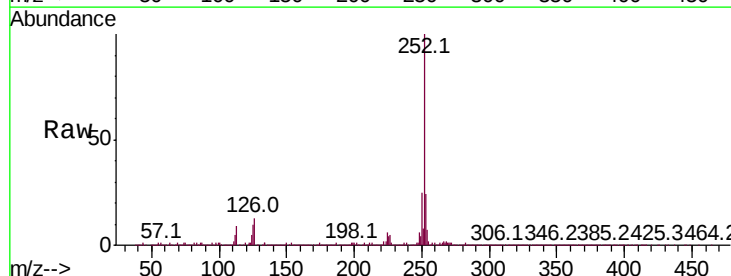
Instrument :
BNA_F
ClientSampleId :
TP7-EP2-2

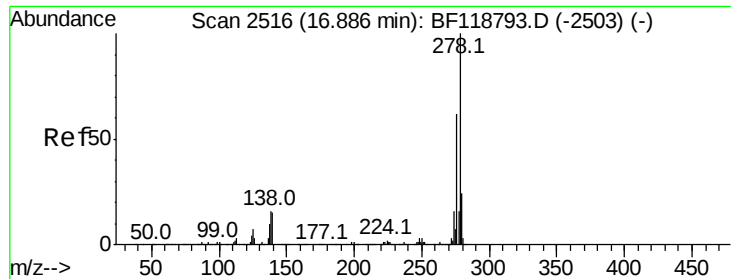
Tot Ion:252 Resp: 3160726
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 10.8 7.0 10.6#



#90
Benzo(a)pyrene
Concen: 82.835 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

Tgt Ion:252 Resp: 2319053
Ion Ratio Lower Upper
252 100
253 23.6 18.1 27.1
125 10.2 8.7 13.1

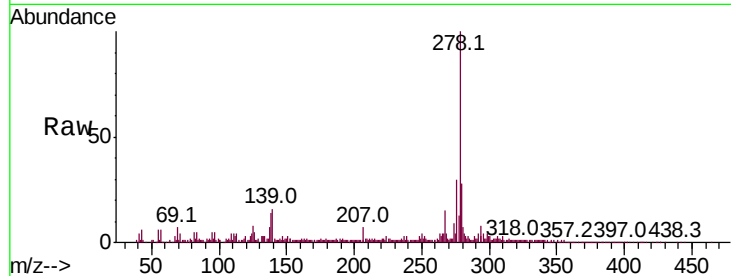




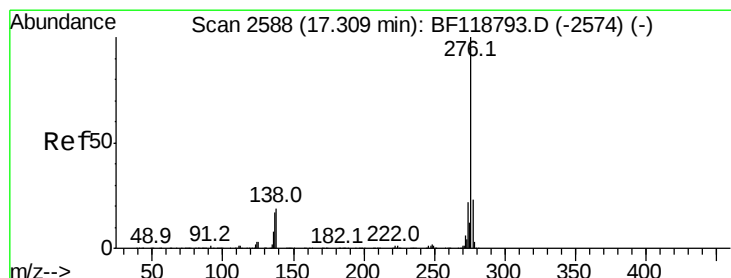
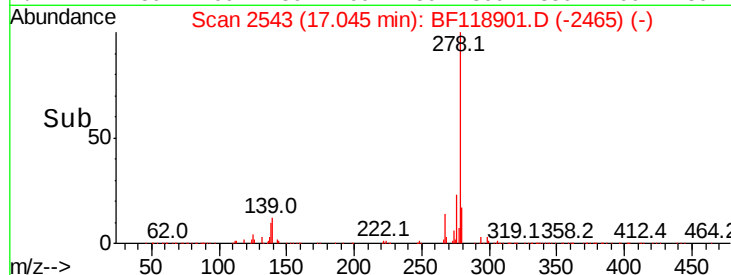
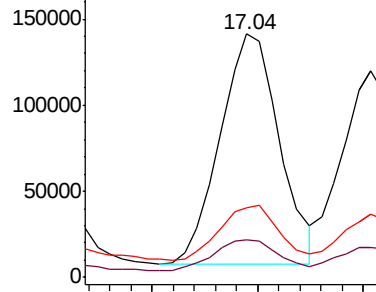
#91
Dibenzo(a,h)anthracene
Concen: 10.542 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.16 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

Instrument :
BNA_F
ClientSampleId :
TP7-EP2-2

Tot Ion:278 Resp: 262001
Ion Ratio Lower Upper
278 100
139 15.6 12.3 18.5
279 28.3 19.1 28.7

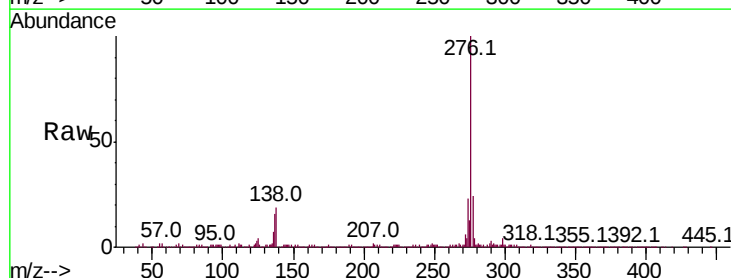


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.672 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.02 min
Lab File: BF118901.D
Acq: 11 Feb 2020 23:27

Tgt Ion:276 Resp: 948211
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 18.8 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

