

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118882.D
 Acq On : 10 Feb 2020 21:43
 Operator : CG/JU
 Sample : L1468-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP11-EP1-2.5

Quant Time: Feb 11 00:18:51 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	6.82	152	183523	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	697802	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	396909	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	660885	20.00	ng	0.00
76) Chrysene-d12	13.98	240	463168	20.00	ng	0.00
87) Perylene-d12	15.43	264	488515	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	48643	5.02	ng	0.00
7) Phenol-d6	6.45	99	75963	6.31	ng	0.00
23) Nitrobenzene-d5	7.37	82	47423	4.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	23977	5.05	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	133334	6.01	ng	-0.01
79) Terphenyl-d14	12.92	244	135446	6.01	ng	-0.01

Target Compounds

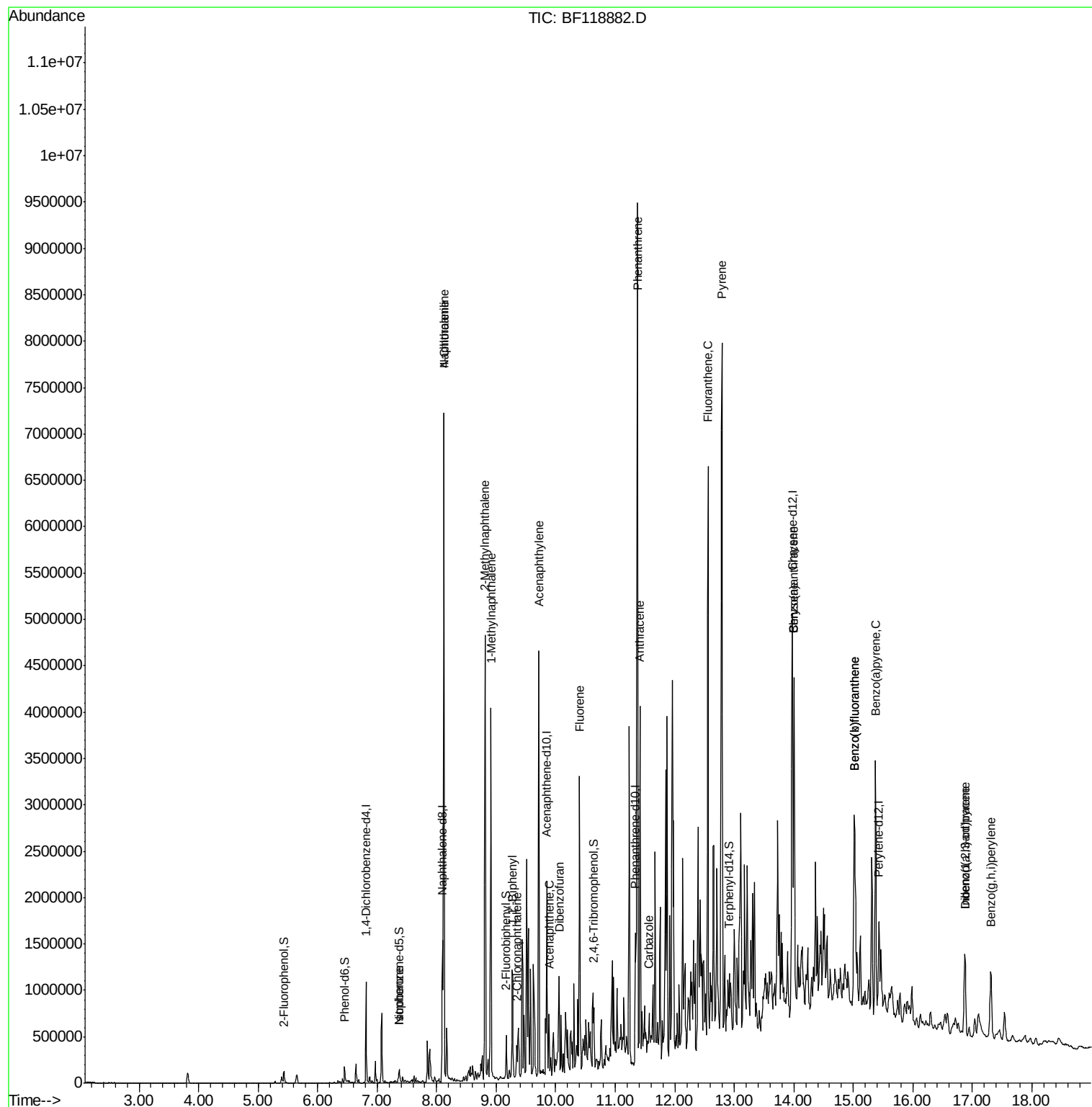
						Qvalue
9) Benzaldehyde	6.37	77	1137	Below Cal	#	1
25) Isophorone	7.37	82	47422	2.254 ng	#	64
31) Naphthalene	8.12	128	3216903	100.797 ng		97
33) 4-Chloroaniline	8.12	127	460904	32.280 ng	#	35
37) 2-Methylnaphthalene	8.81	142	1312512	59.298 ng		99
38) 1-Methylnaphthalene	8.91	142	1006954	48.360 ng		99
46) 1,1'-Biphenyl	9.27	154	388785	14.160 ng		97
47) 2-Chloronaphthalene	9.35	162	57172	2.505 ng	#	46
49) Acenaphthylene	9.72	152	1795438	54.479 ng		98
52) Acenaphthene	9.88	154	108947	5.017 ng		99
55) Dibenzofuran	10.06	168	263019	8.381 ng	#	93
58) Fluorene	10.40	166	923731	39.123 ng		98
71) Phenanthrene	11.37	178	4349098	133.750 ng		96
72) Anthracene	11.42	178	1438653	44.474 ng		99
73) Carbazole	11.56	167	144724	5.098 ng		99
75) Fluoranthene	12.56	202	2725838	76.779 ng		98
78) Pyrene	12.79	202	3644110	114.687 ng		97
81) Benzo(a)anthracene	14.00	228	1475453	53.534 ng		95
83) Chrysene	14.00	228	1475453	53.339 ng		97
86) Indeno(1,2,3-cd)pyrene	16.87	276	603699	21.721 ng		96
88) Benzo(b)fluoranthene	15.02	252	1768308	58.334 ng		98
89) Benzo(k)fluoranthene	15.02	252	1768308	66.989 ng	#	97
90) Benzo(a)pyrene	15.37	252	1401352	54.018 ng		98
91) Dibenzo(a,h)anthracene	16.87	278	174080	7.559 ng	#	91
92) Benzo(g,h,i)perylene	17.31	276	660249	29.811 ng		97

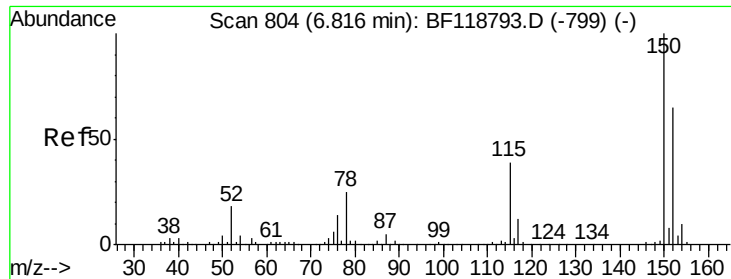
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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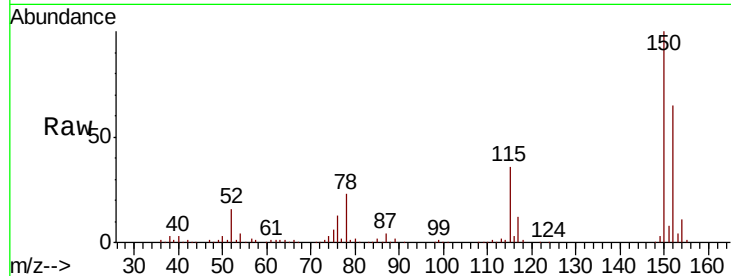


#1

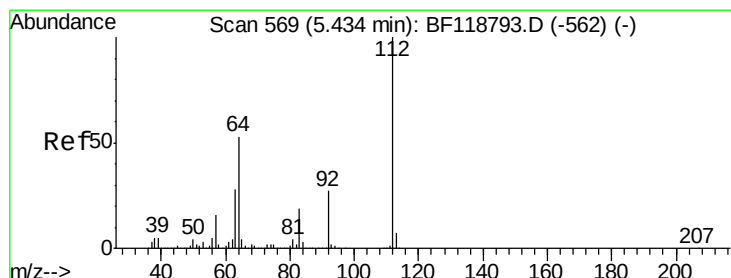
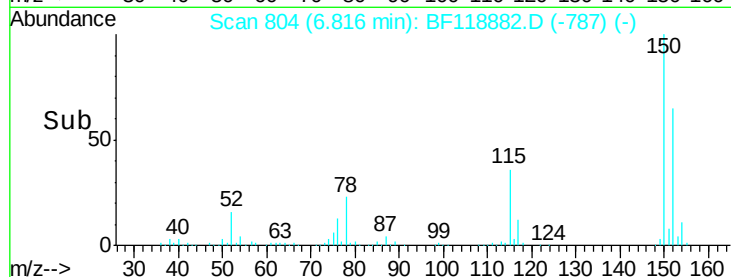
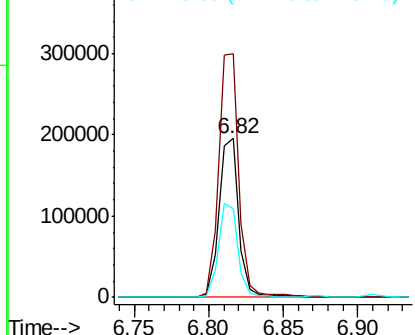
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion:152 Resp: 183523
Ion Ratio Lower Upper
152 100
150 153.1 123.6 185.4
115 55.6 48.2 72.2



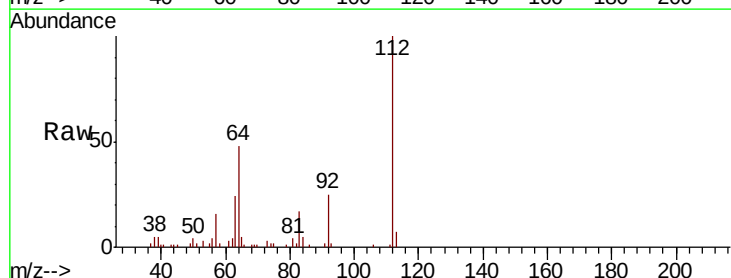
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



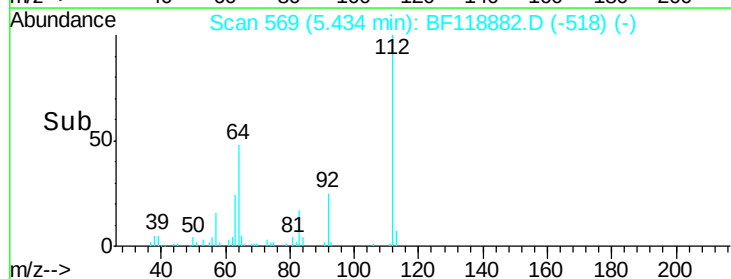
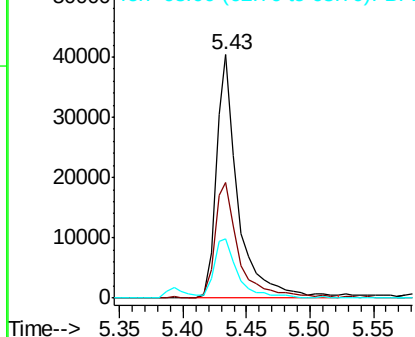
#5

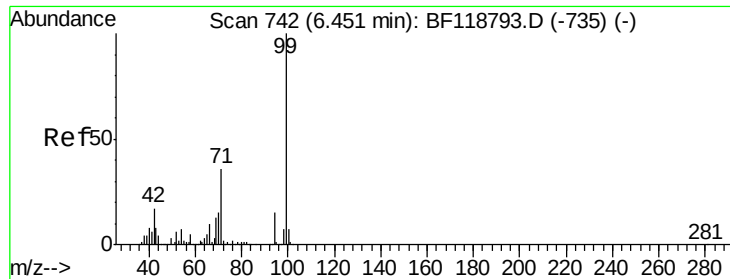
2-Fluorophenol
Concen: 5.017 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:112 Resp: 48643
Ion Ratio Lower Upper
112 100
64 47.7 42.6 63.8
63 24.4 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: 6.312 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP11-EP1-2.5

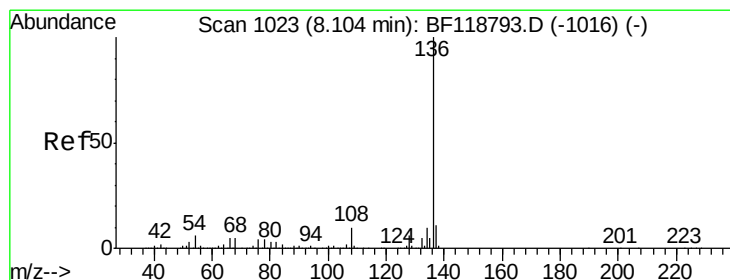
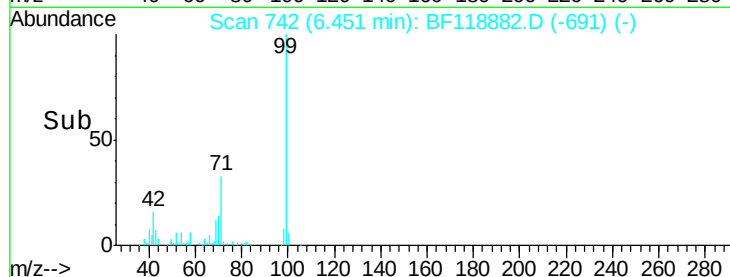
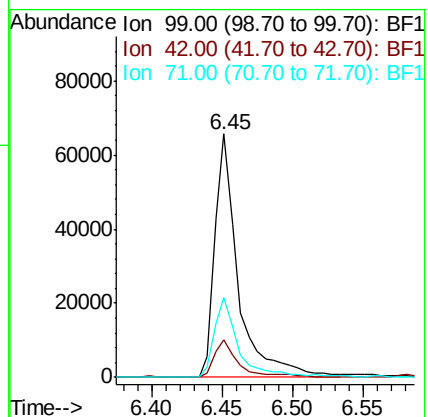
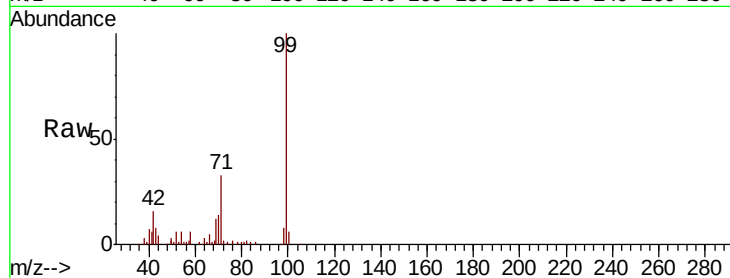
Tot Ion: 99 Resp: 75963

Ion Ratio Lower Upper

99 100

42 15.7 13.4 20.0

71 32.7 29.0 43.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Tgt Ion: 136 Resp: 697802

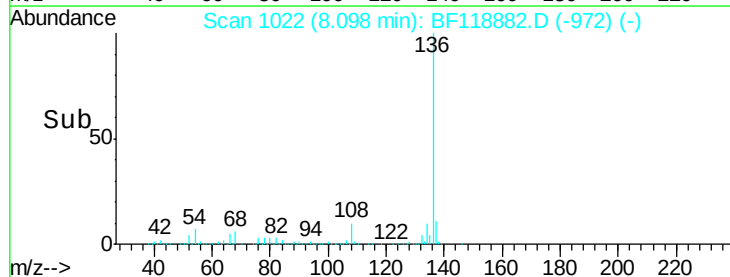
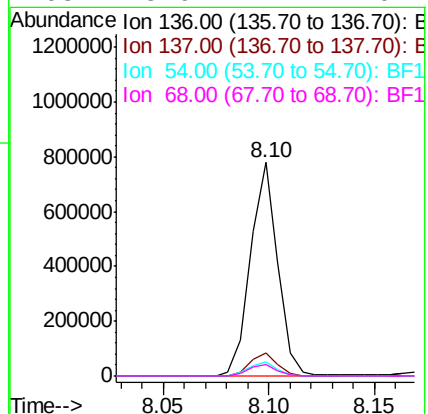
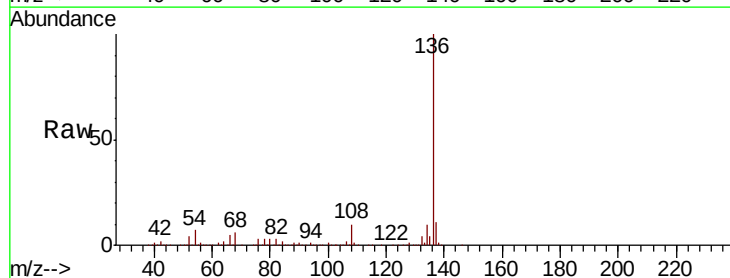
Ion Ratio Lower Upper

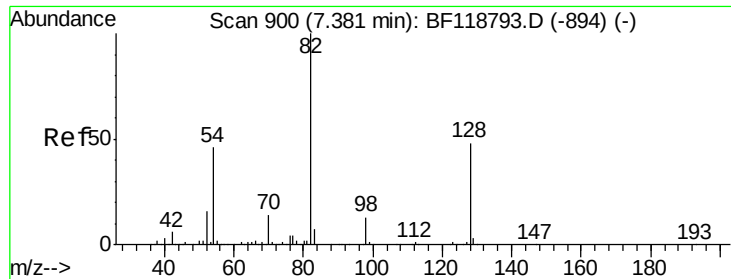
136 100

137 11.0 8.7 13.1

54 6.6 5.0 7.6

68 5.6 4.2 6.4

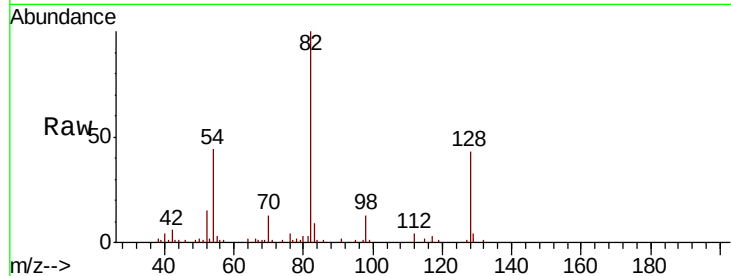




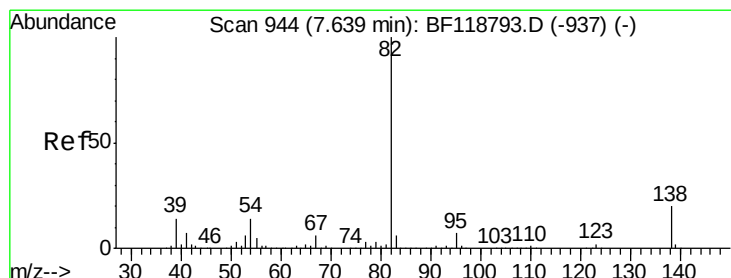
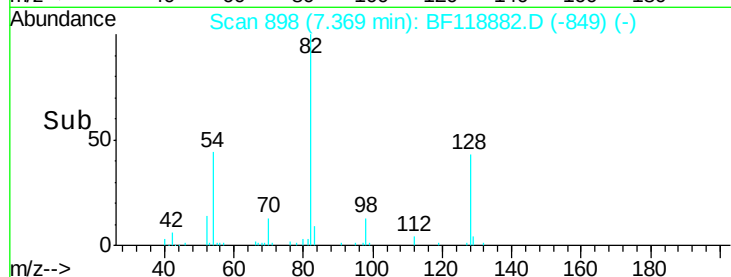
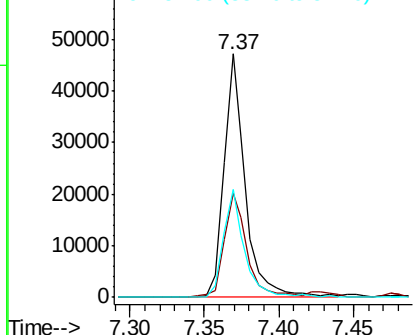
#23
Nitrobenzene-d5
Concen: 4.051 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion: 82 Resp: 47423
Ion Ratio Lower Upper
82 100
128 43.0 38.5 57.7
54 44.2 36.7 55.1

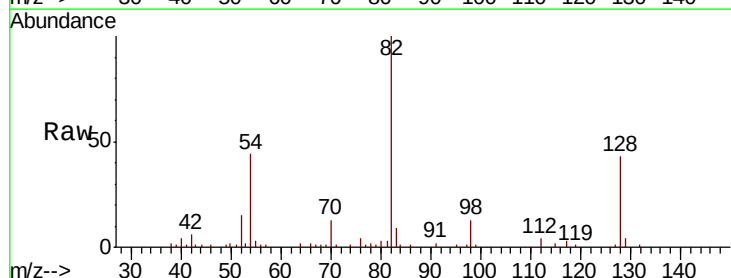


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

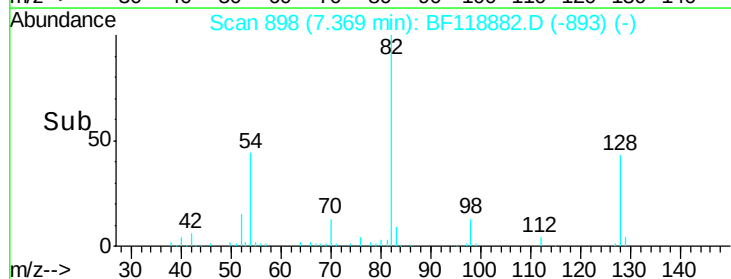
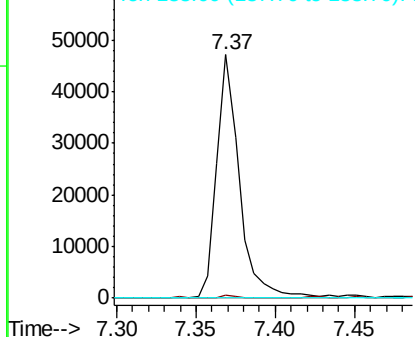


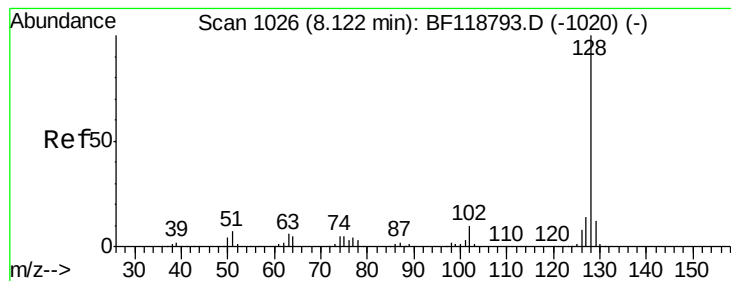
#25
Isophorone
Concen: 2.254 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion: 82 Resp: 47422
Ion Ratio Lower Upper
82 100
95 1.1 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: 100.797 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP11-EP1-2.5

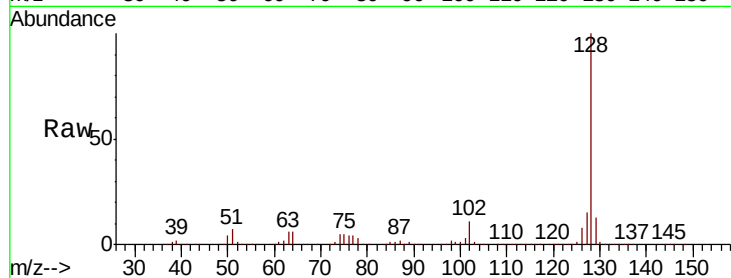
Tot Ion:128 Resp: 3216903

Ion Ratio Lower Upper

128 100

129 12.7 9.4 14.2

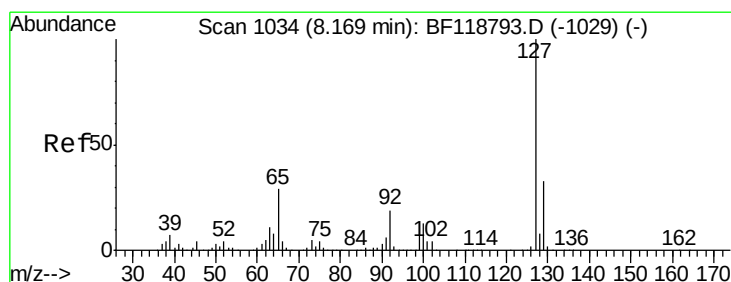
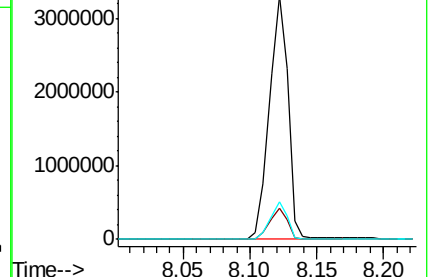
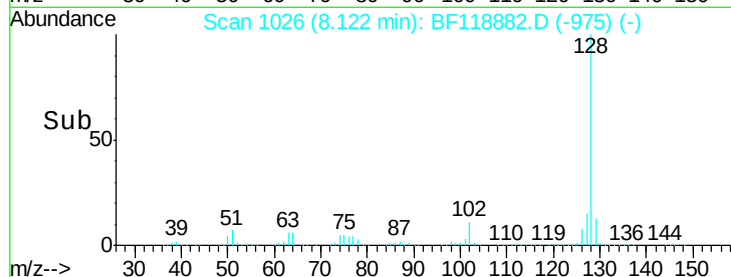
127 15.3 11.3 16.9



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: 32.280 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Tgt Ion:127 Resp: 460904

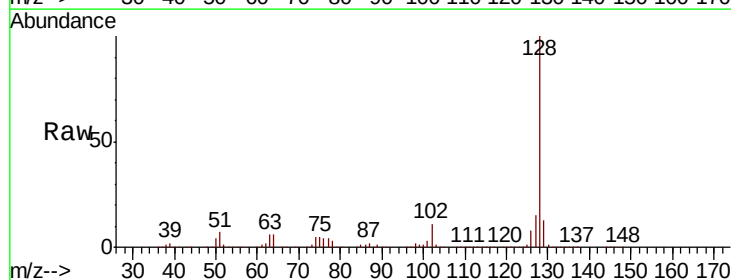
Ion Ratio Lower Upper

127 100

129 82.9 26.7 40.1#

65 0.0 22.9 34.3#

92 0.0 15.4 23.0#

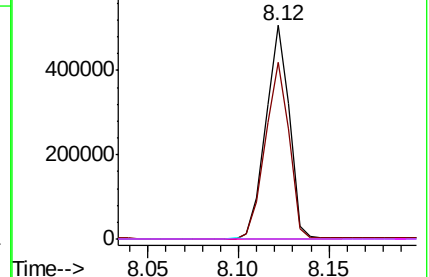
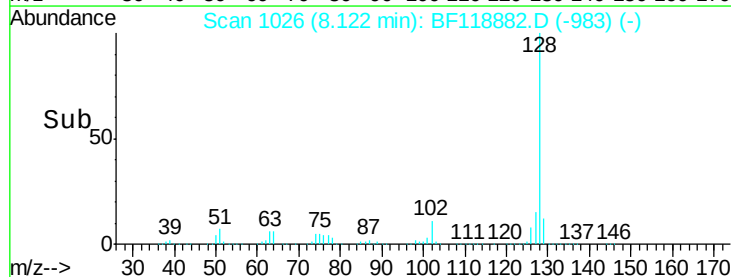


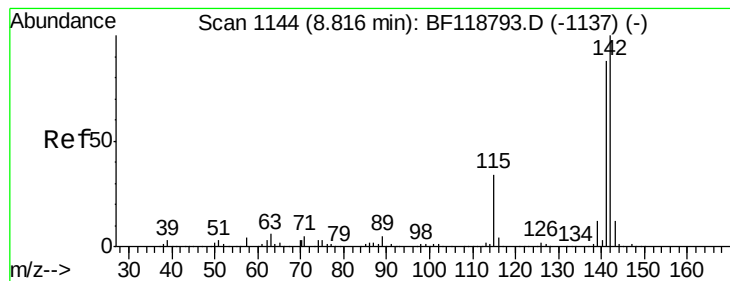
Abundance Ion 127.00 (126.70 to 127.70): E

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: 59.298 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF118882.D

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ClientSampleId :

TP11-EP1-2.5

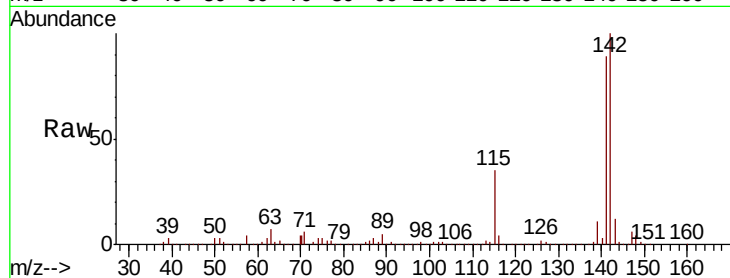
Tot Ion:142 Resp: 1312512

Ion Ratio Lower Upper

142 100

141 88.6 70.1 105.1

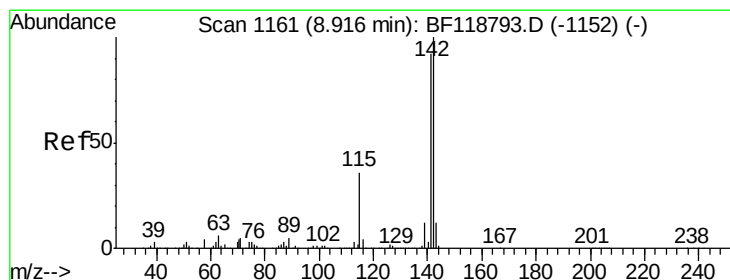
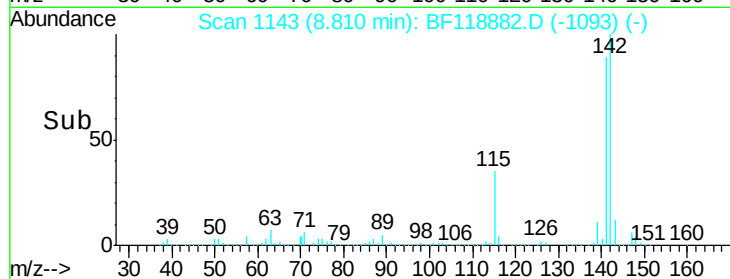
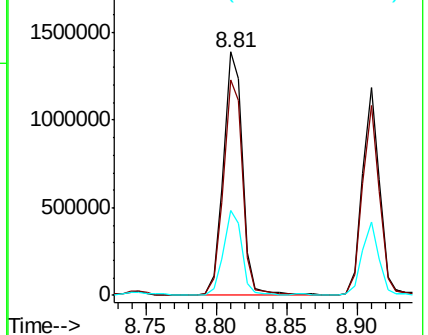
115 34.8 27.3 40.9



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: 48.360 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

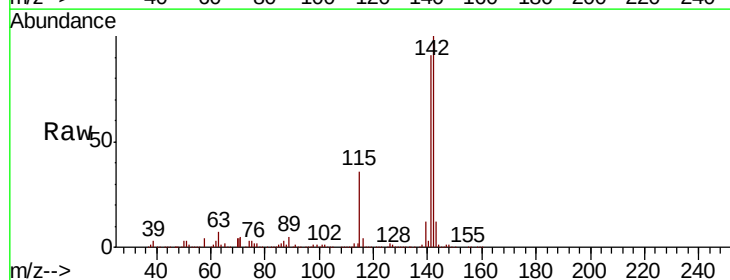
Tgt Ion:142 Resp: 1006954

Ion Ratio Lower Upper

142 100

141 91.3 73.8 110.6

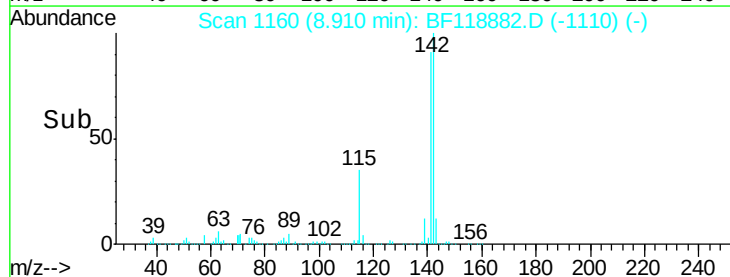
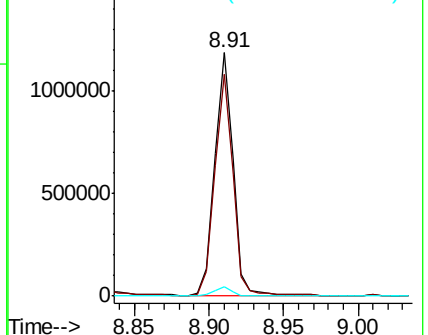
116 3.9 3.0 4.4

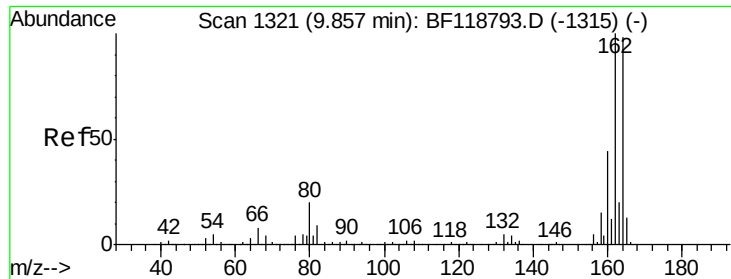


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

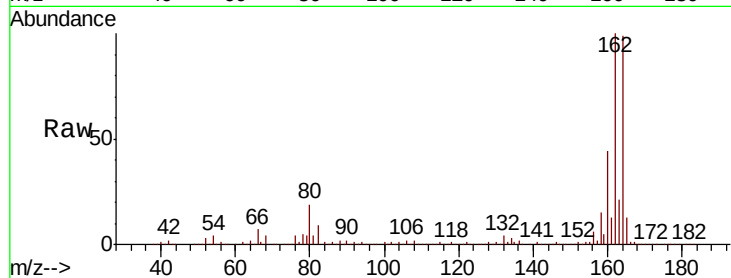




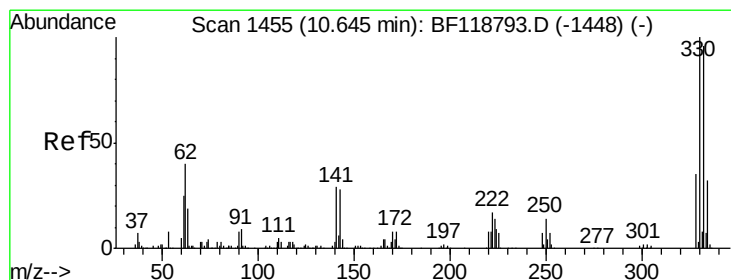
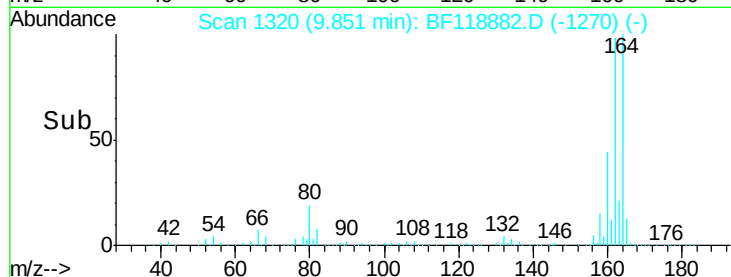
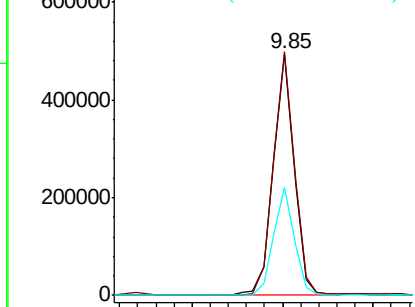
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.2
160	44.7	35.6	53.4

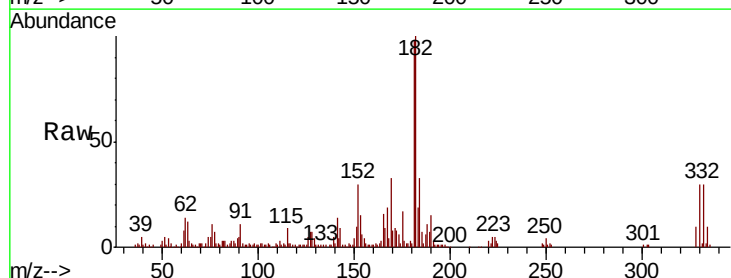


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

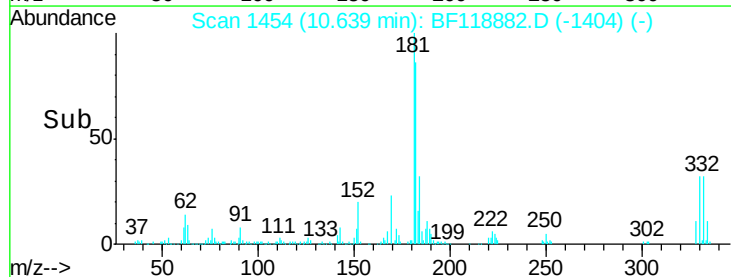
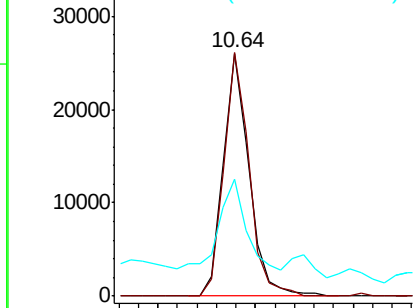


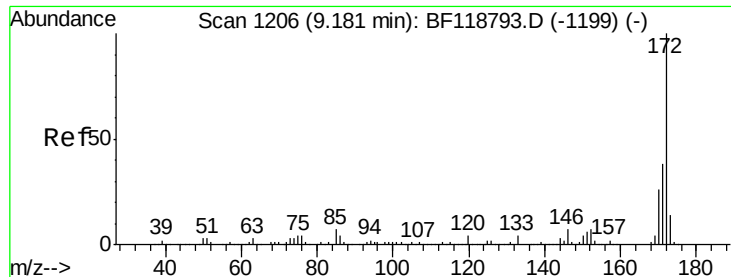
#42
2,4,6-Tribromophenol
Concen: 5.049 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	39.2	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

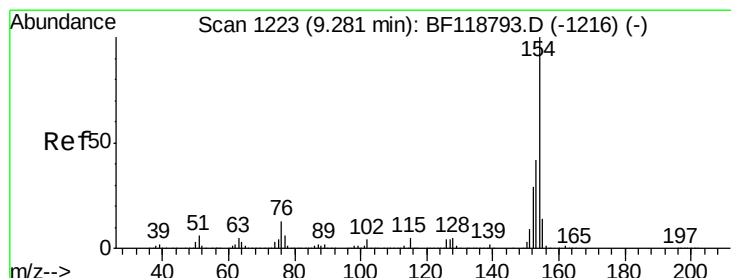
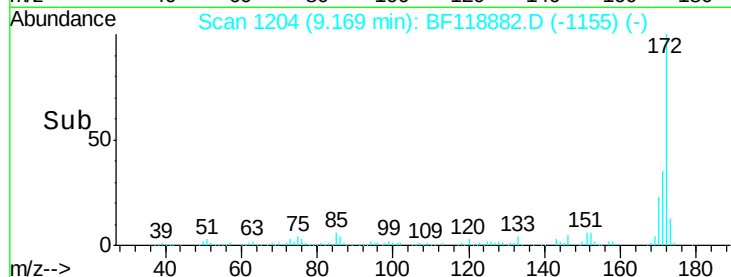
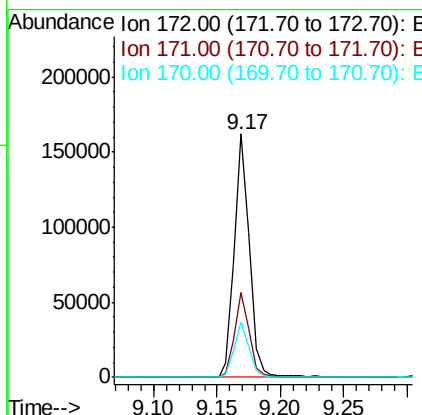
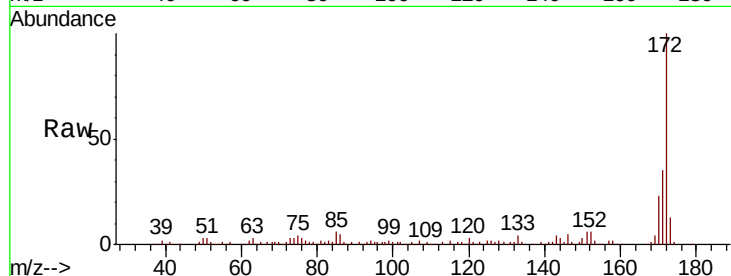




#45
2-Fluorobiphenyl
Concen: 6.005 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

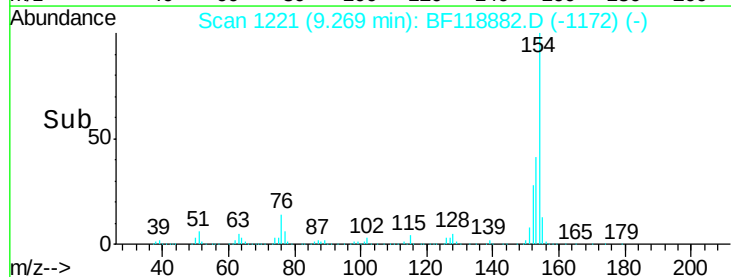
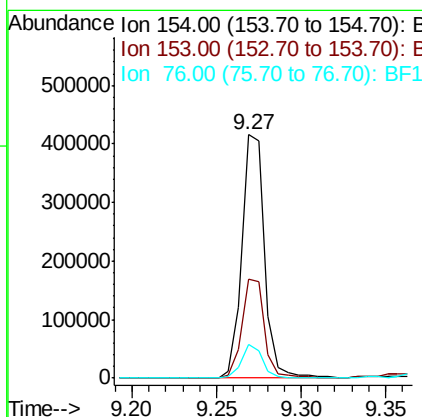
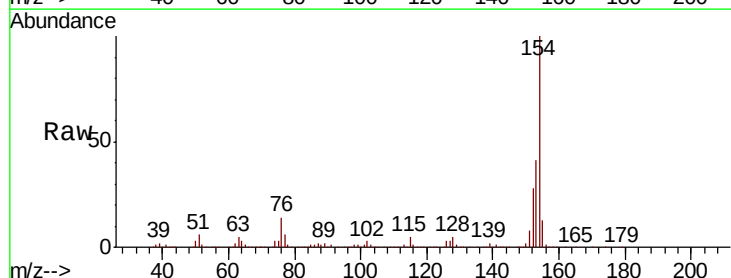
Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

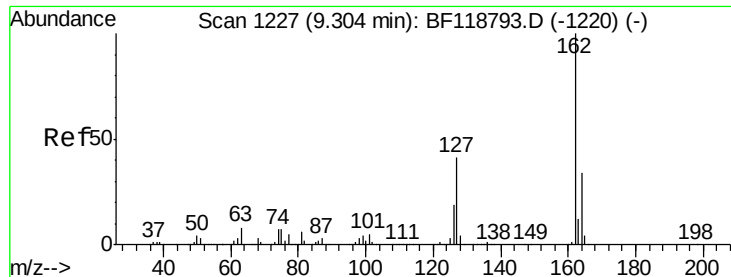
Tot Ion:172 Resp: 133334
Ion Ratio Lower Upper
172 100
171 35.0 30.8 46.2
170 23.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 14.160 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:154 Resp: 388785
Ion Ratio Lower Upper
154 100
153 40.6 22.4 62.4
76 13.6 0.0 32.7

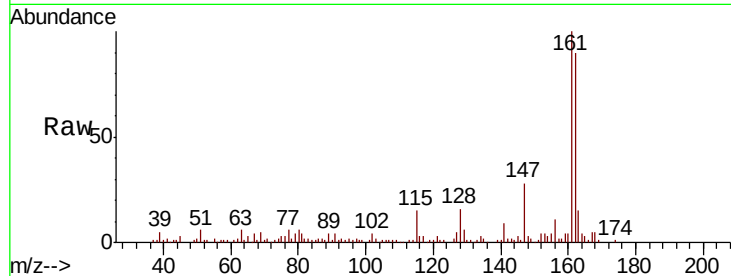




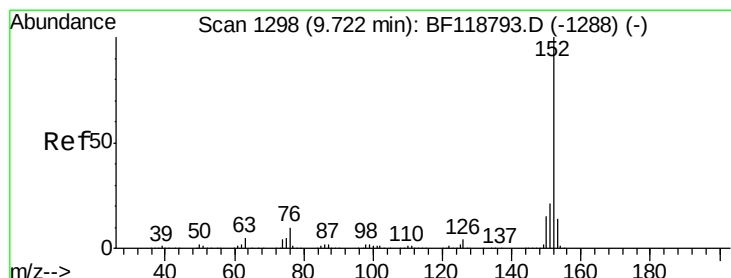
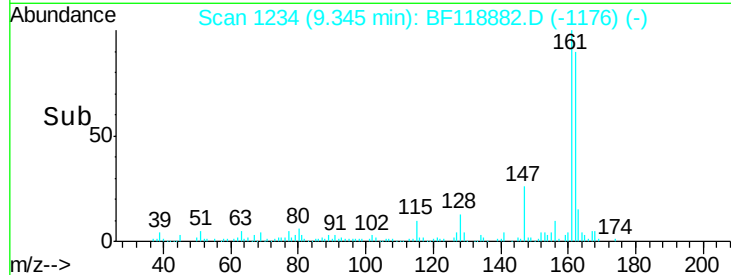
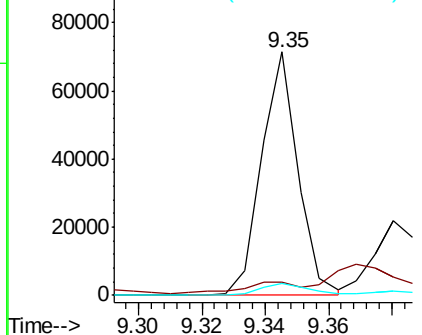
#47
 2-Chloronaphthalene
 Concen: 2.505 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.04 min
 Lab File: BF118882.D
 Acq: 10 Feb 2020 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TP11-EP1-2.5

Tot Ion:162	Resp:	57172
Ion Ratio	Lower	Upper
162	100	
127	5.4	33.3 49.9#
164	4.8	27.1 40.7#

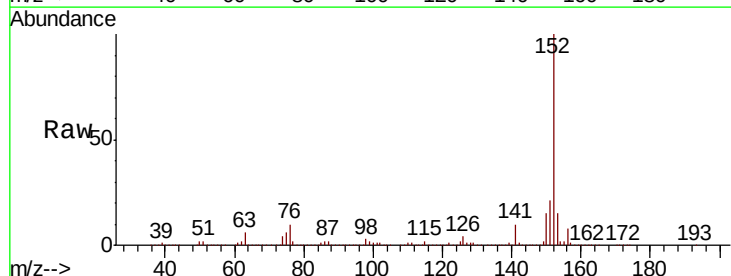


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

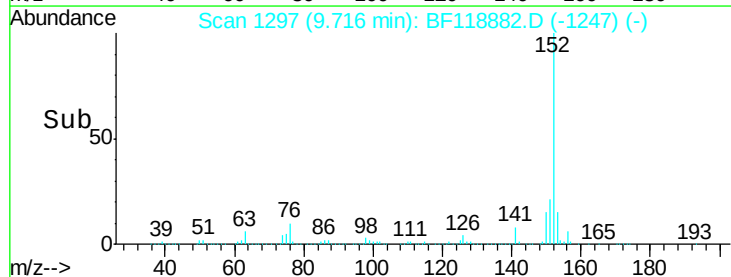
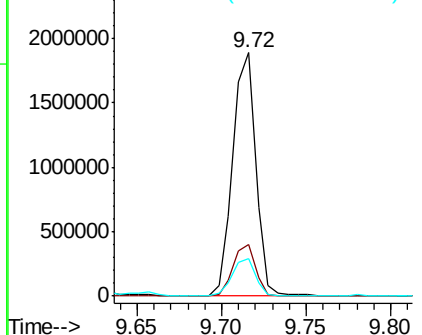


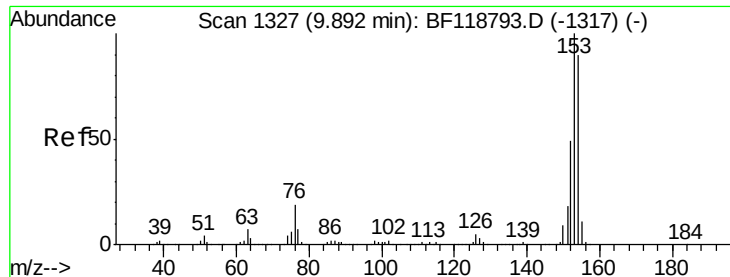
#49
 Acenaphthylene
 Concen: 54.479 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF118882.D
 Acq: 10 Feb 2020 21:43

Tgt Ion:152	Resp:	1795438
Ion Ratio	Lower	Upper
152	100	
151	21.0	17.1 25.7
153	15.2	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





#52

Acenaphthene

Concen: 5.017 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP11-EP1-2.5

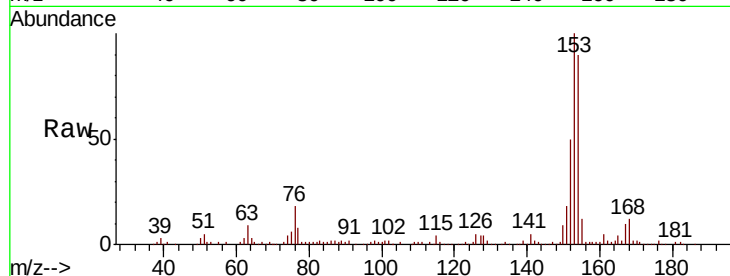
Tot Ion:154 Resp: 108947

Ion Ratio Lower Upper

154 100

153 111.6 89.4 134.0

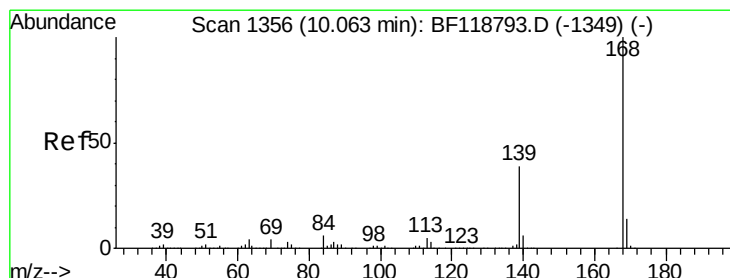
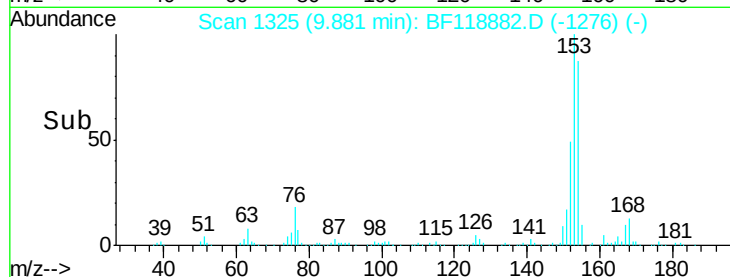
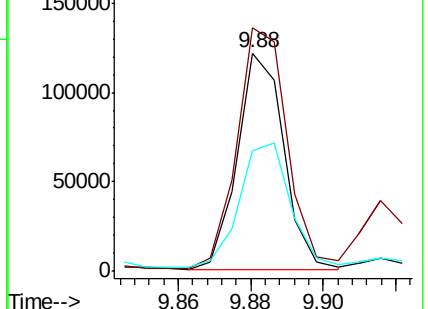
152 55.6 43.6 65.4



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: 8.381 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

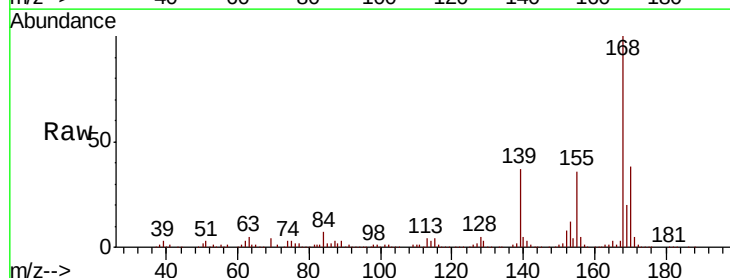
Tgt Ion:168 Resp: 263019

Ion Ratio Lower Upper

168 100

139 37.0 31.6 47.4

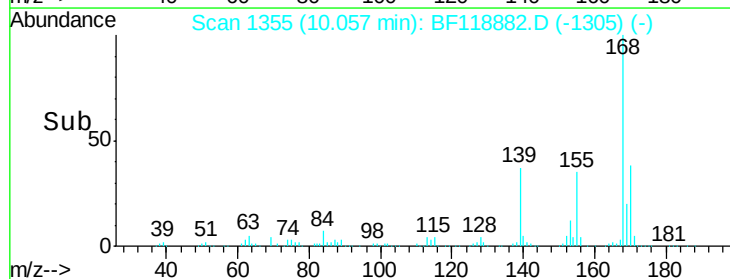
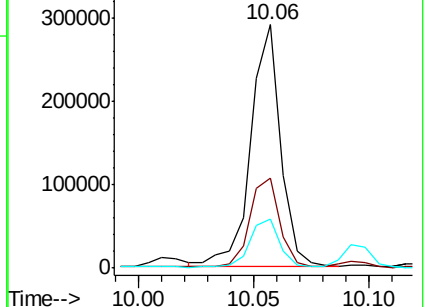
169 20.1 11.4 17.2#

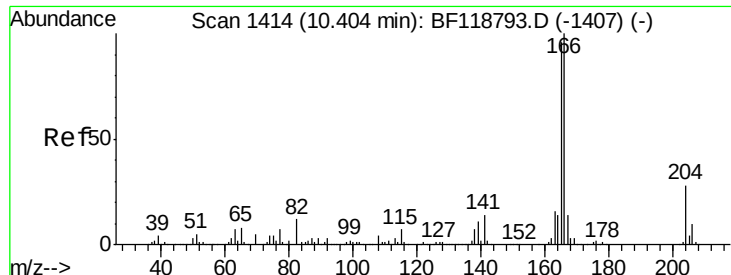


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 39.123 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP11-EP1-2.5

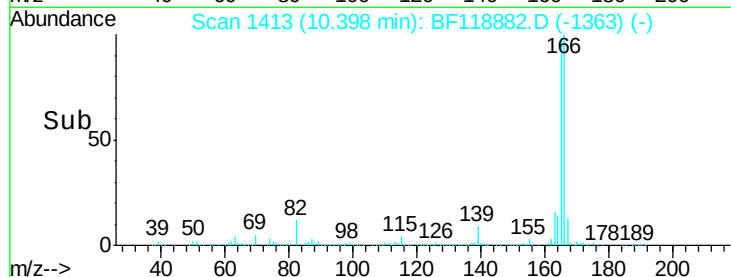
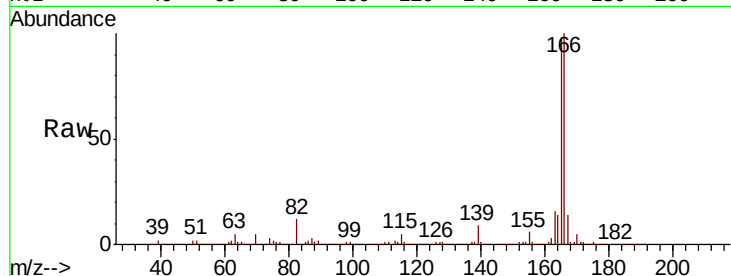
Tot Ion:166 Resp: 923731

Ion Ratio Lower Upper

166 100

165 98.2 77.0 115.6

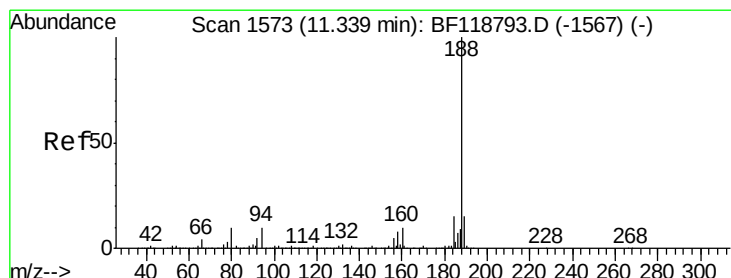
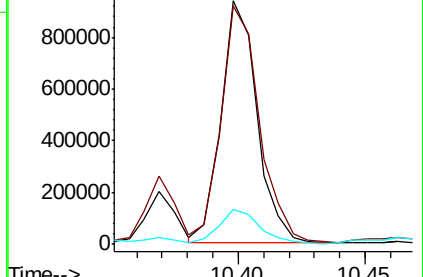
167 14.4 11.1 16.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

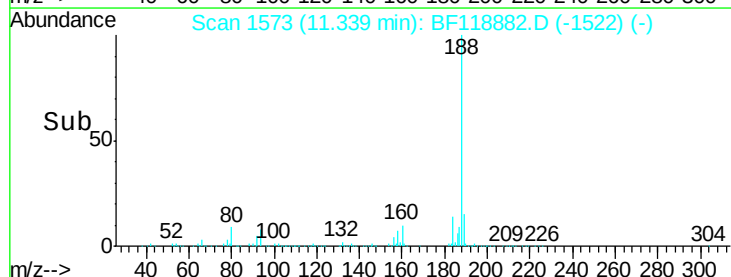
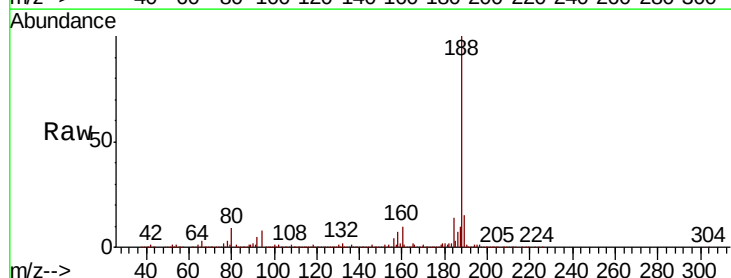
Tgt Ion:188 Resp: 660885

Ion Ratio Lower Upper

188 100

94 8.4 7.9 11.9

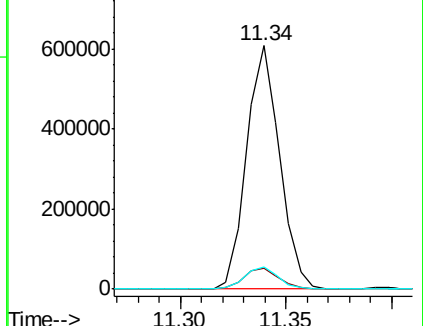
80 8.9 8.4 12.6

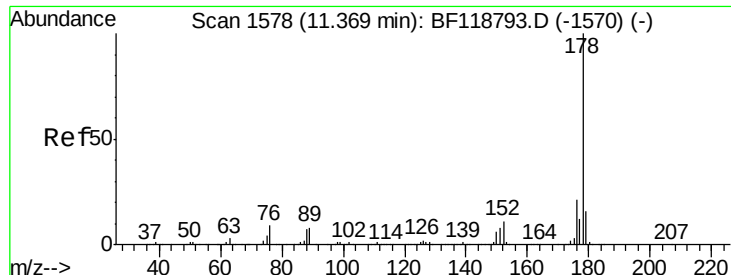


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

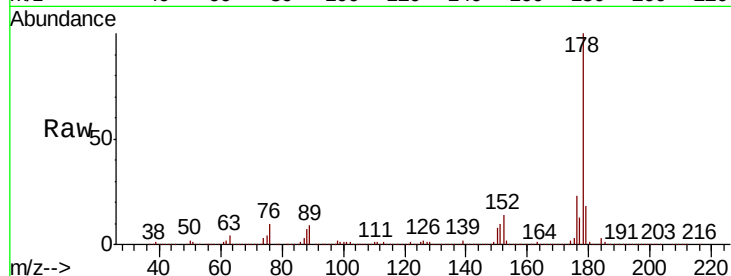




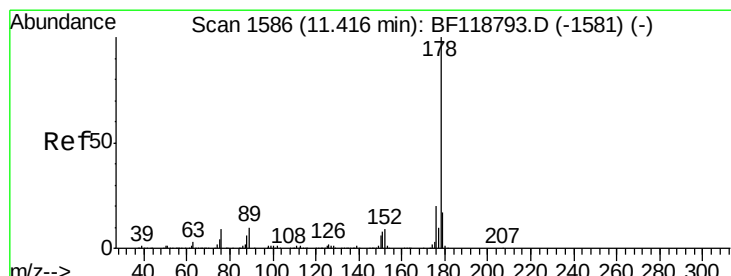
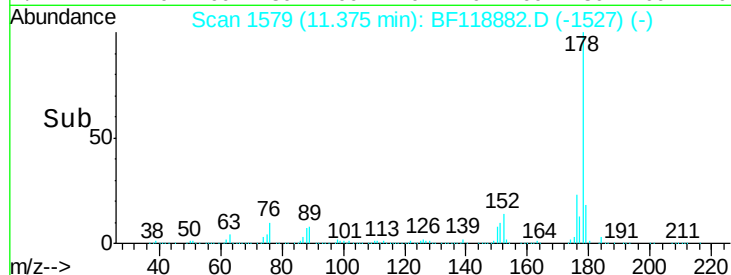
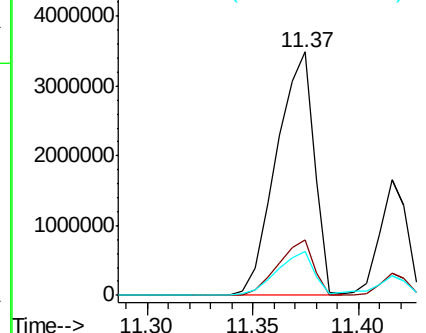
#71
Phenanthrene
Concen: 133.750 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion:178 Resp: 4349098
Ion Ratio Lower Upper
178 100
176 22.6 16.6 24.8
179 17.8 13.2 19.8

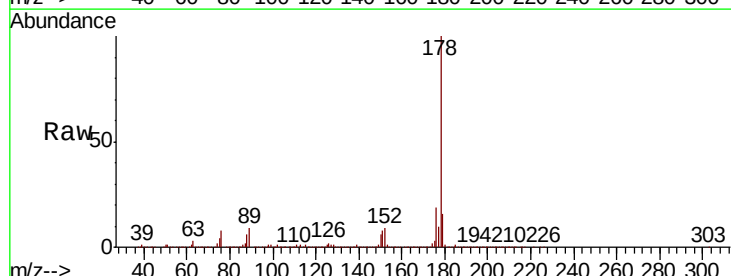


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

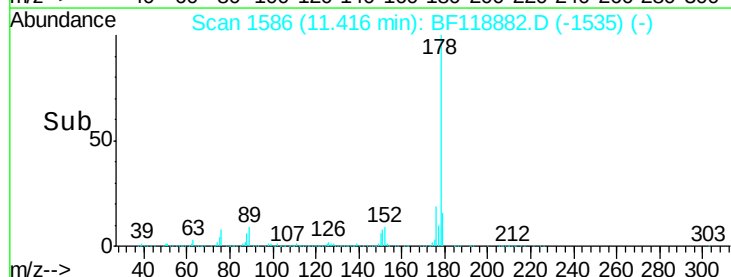
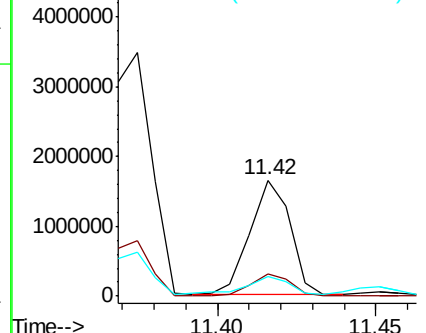


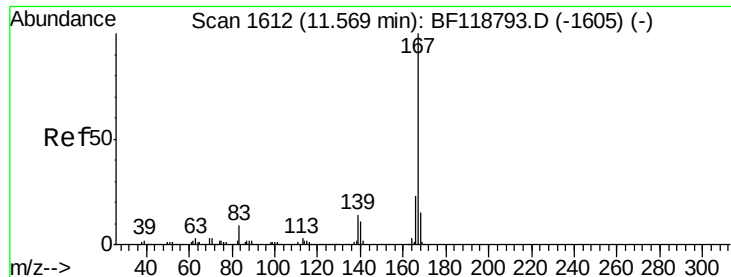
#72
Anthracene
Concen: 44.474 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:178 Resp: 1438653
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 16.5 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: 5.098 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP11-EP1-2.5

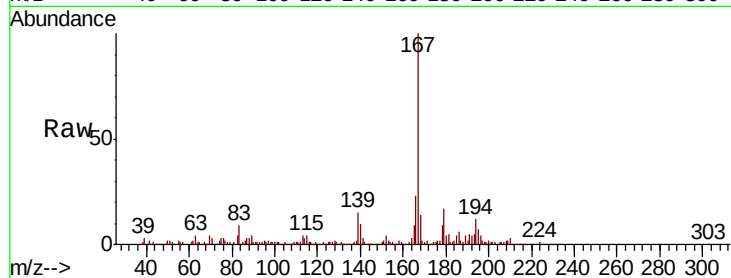
Tot Ion:167 Resp: 144724

Ion Ratio Lower Upper

167 100

166 23.4 18.4 27.6

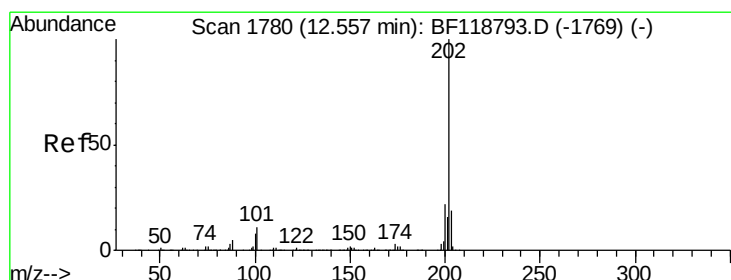
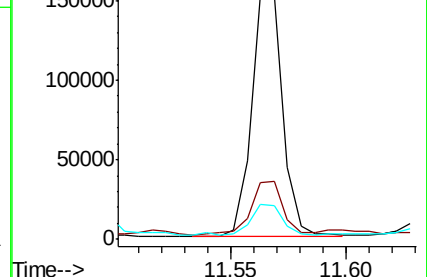
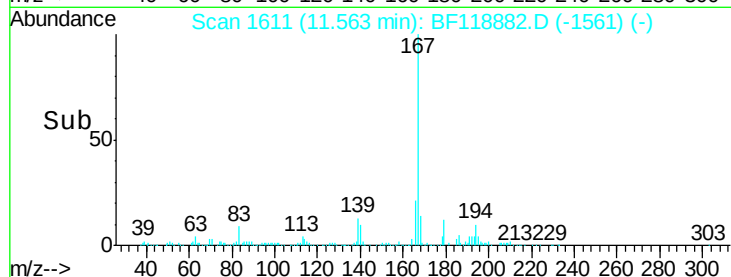
139 14.5 11.1 16.7



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: 76.779 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

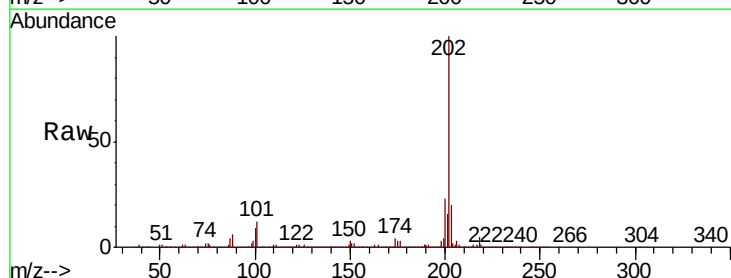
Tgt Ion:202 Resp: 2725838

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.0

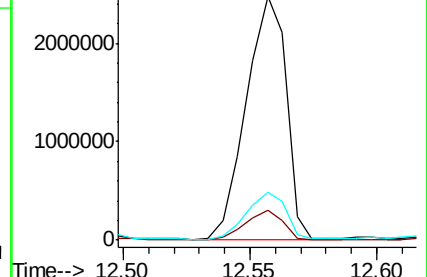
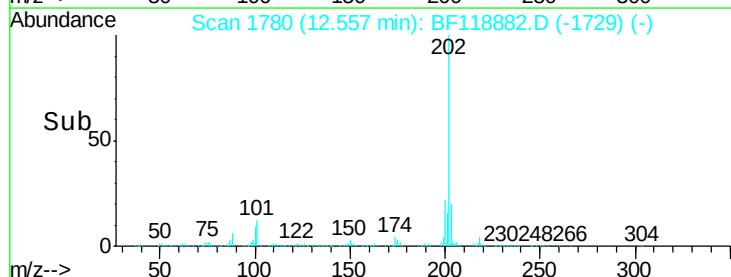
203 19.7 0.0 38.7

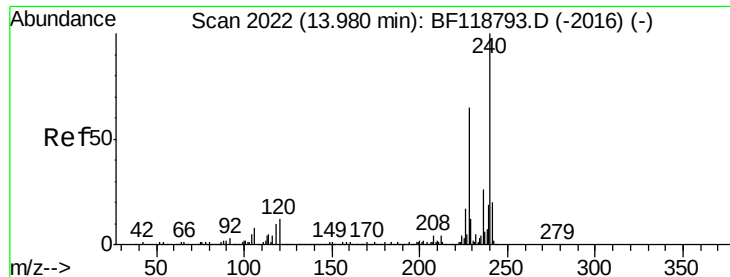


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

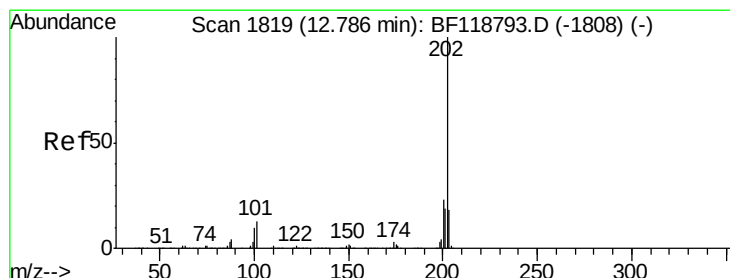
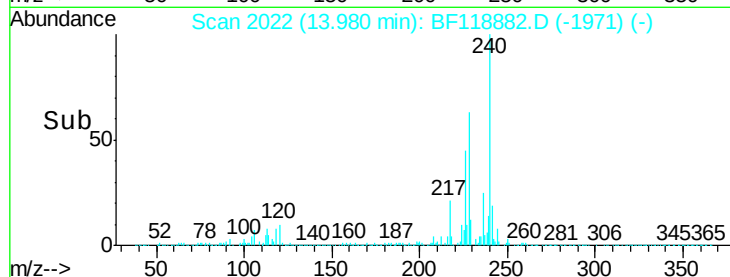
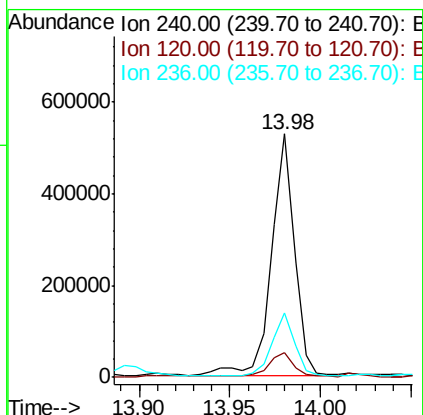
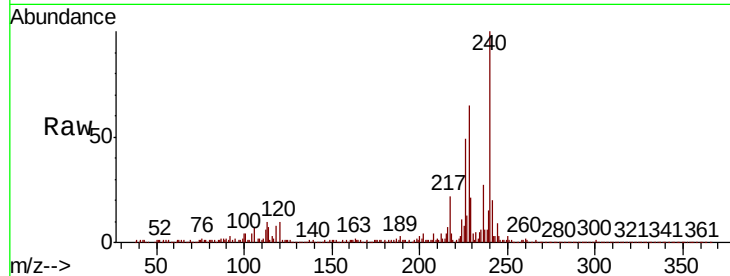




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

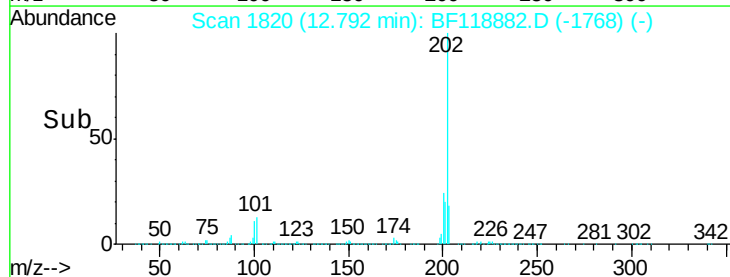
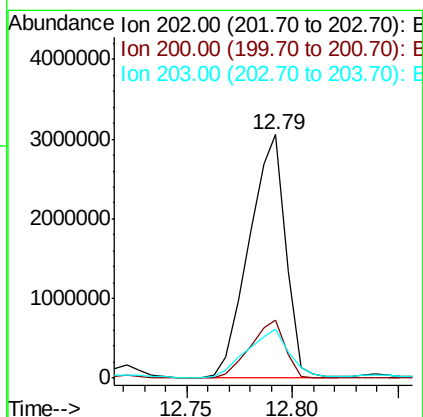
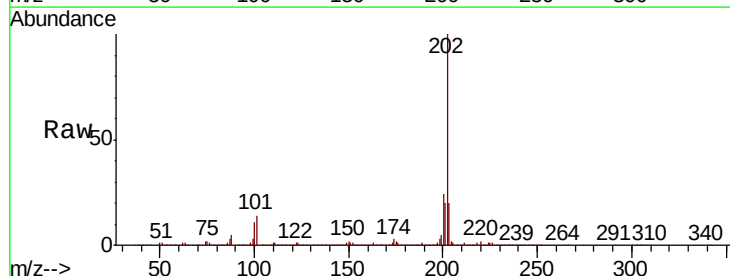
Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

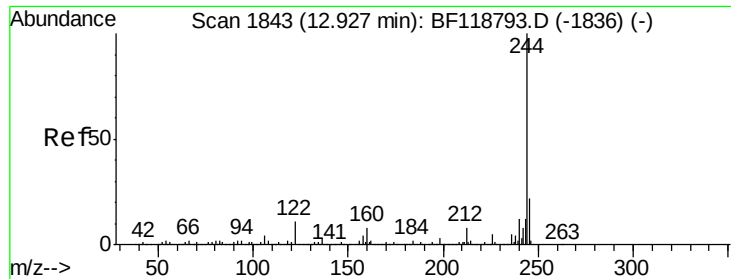
Tot Ion:240 Resp: 463168
Ion Ratio Lower Upper
240 100
120 10.0 9.4 14.0
236 26.7 21.0 31.6



#78
Pyrene
Concen: 114.687 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:202 Resp: 3644110
Ion Ratio Lower Upper
202 100
200 23.8 18.2 27.2
203 20.0 14.8 22.2

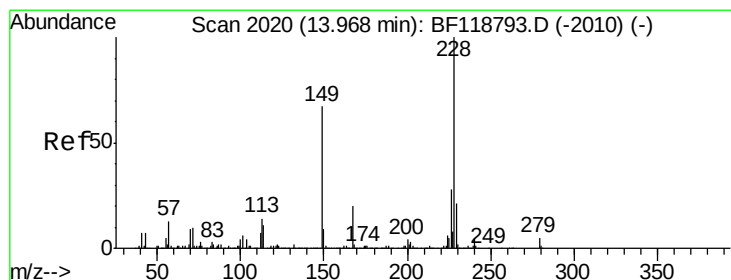
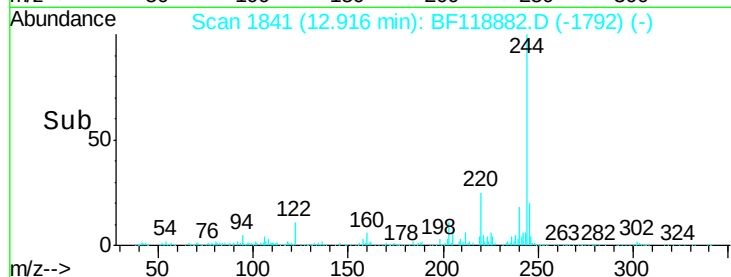
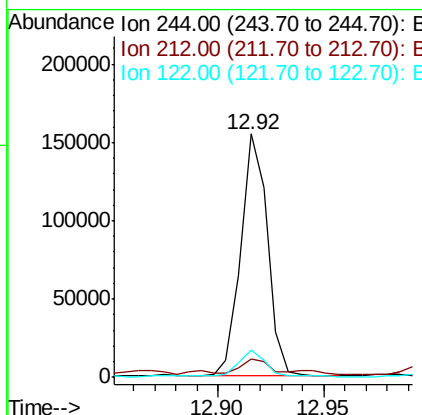
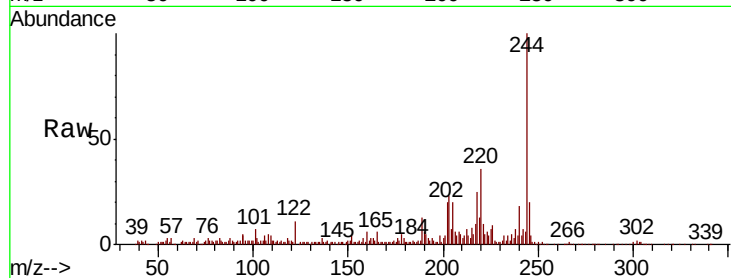




#79
 Terphenyl-d14
 Concen: 6.007 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118882.D
 Acq: 10 Feb 2020 21:43

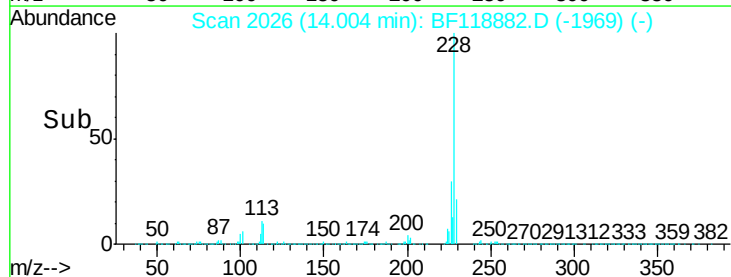
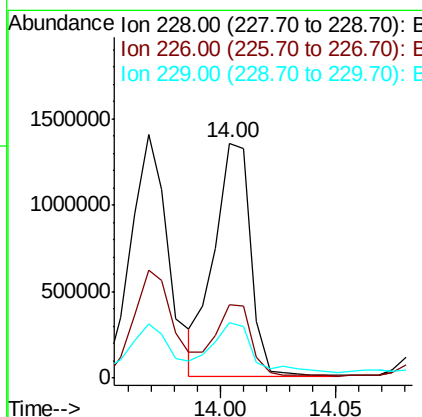
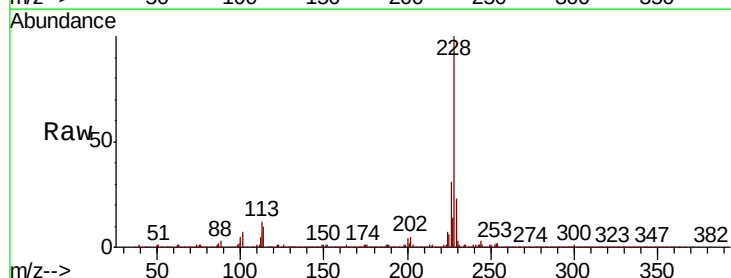
Instrument :
 BNA_F
 ClientSampleId :
 TP11-EP1-2.5

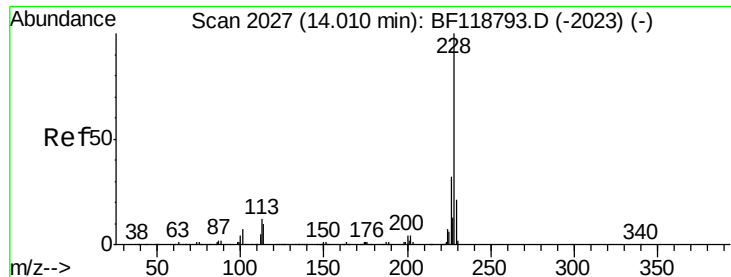
Tot Ion:244 Resp: 135446
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 11.4 8.9 13.3



#81
 Benzo(a)anthracene
 Concen: 53.534 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.04 min
 Lab File: BF118882.D
 Acq: 10 Feb 2020 21:43

Tgt Ion:228 Resp: 1475453
 Ion Ratio Lower Upper
 228 100
 226 31.1 22.7 34.1
 229 23.4 16.6 25.0





#83

Chrysene

Concen: 53.339 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Instrument :

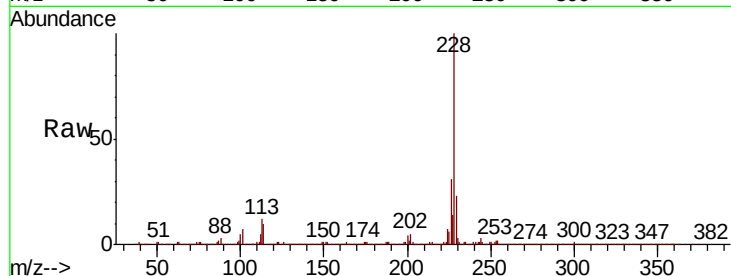
BNA_F

ClientSampleId :

TP11-EP1-2.5

Tot Ion:228 Resp: 1475453

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	23.4	16.9	25.3

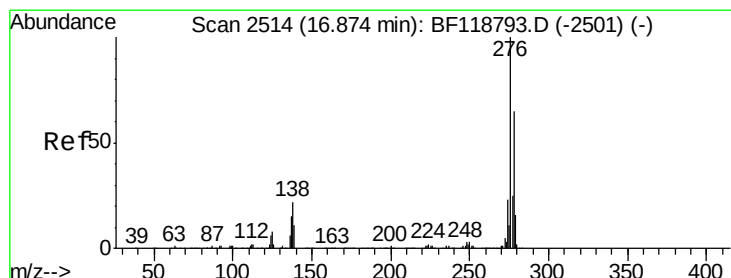
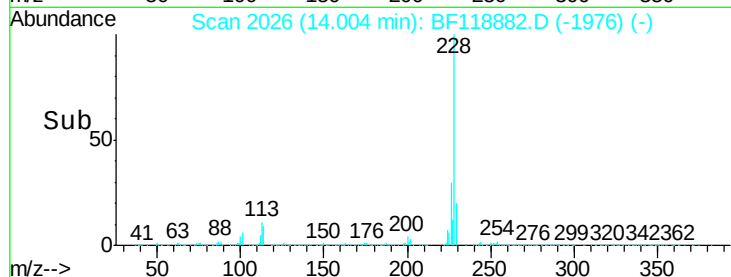
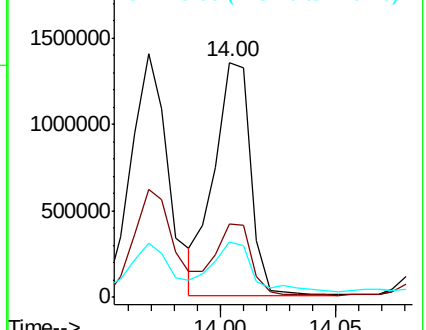


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 21.721 ng

RT: 16.87 min Scan# 2514

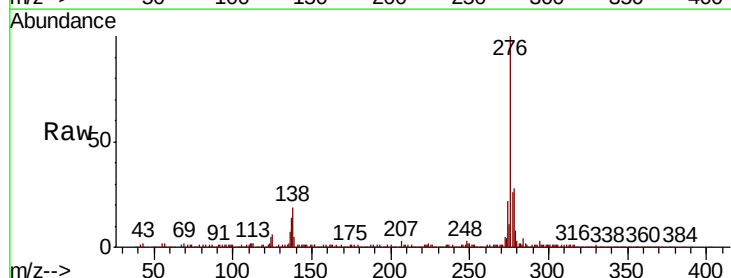
Delta R.T. 0.00 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Tgt Ion:276 Resp: 603699

Ion	Ratio	Lower	Upper
276	100		
138	19.1	18.3	27.5
277	25.0	20.2	30.4

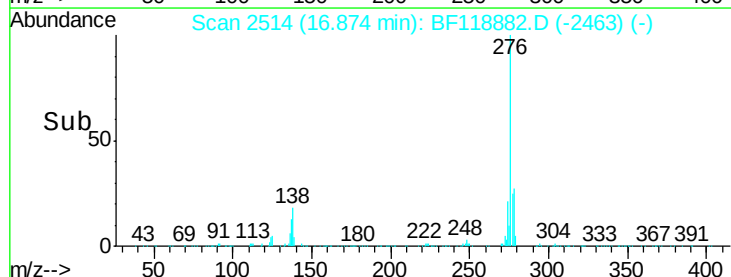
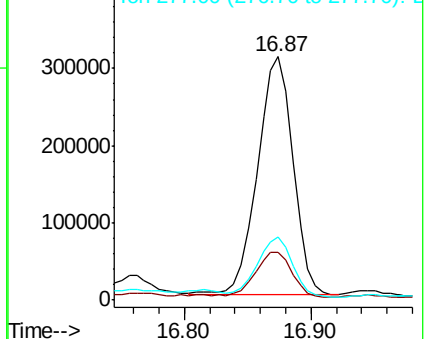


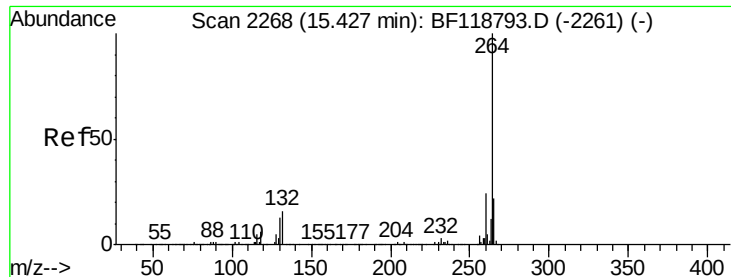
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

Instrument :

BNA_F

ClientSampleId :

TP11-EP1-2.5

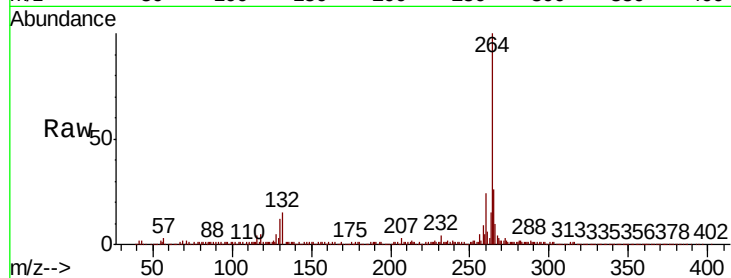
Tot Ion:264 Resp: 488515

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

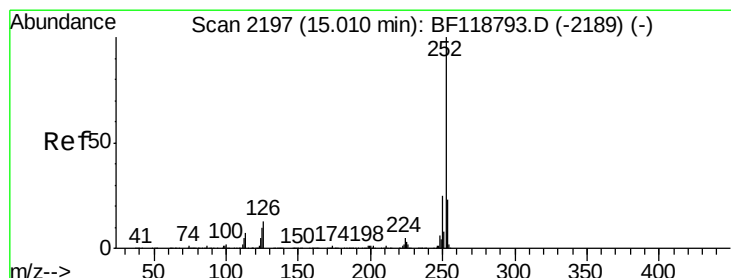
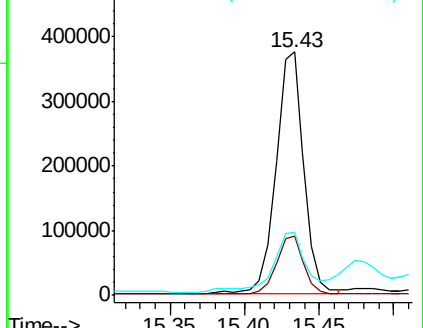
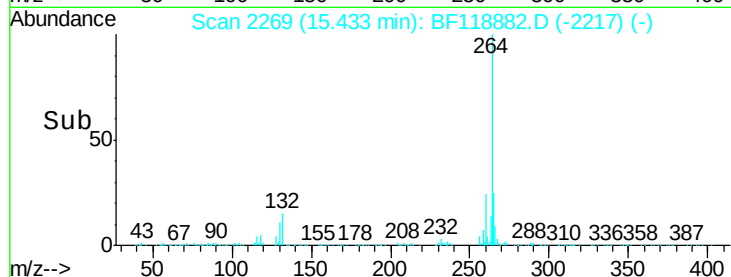
265 26.1 17.2 25.8#



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: 58.334 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BF118882.D

Acq: 10 Feb 2020 21:43

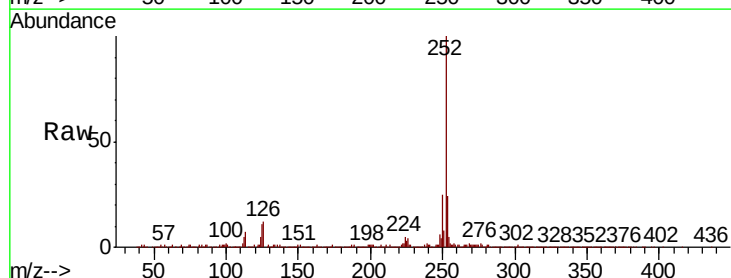
Tgt Ion:252 Resp: 1768308

Ion Ratio Lower Upper

252 100

253 23.9 18.4 27.6

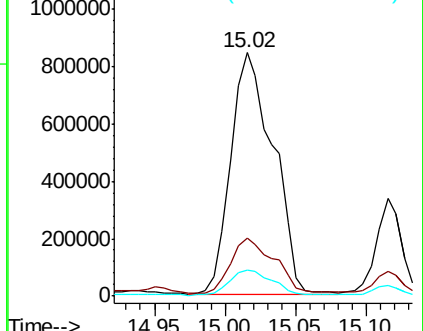
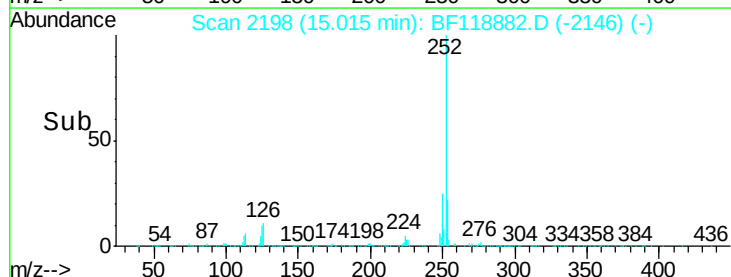
125 10.8 8.1 12.1

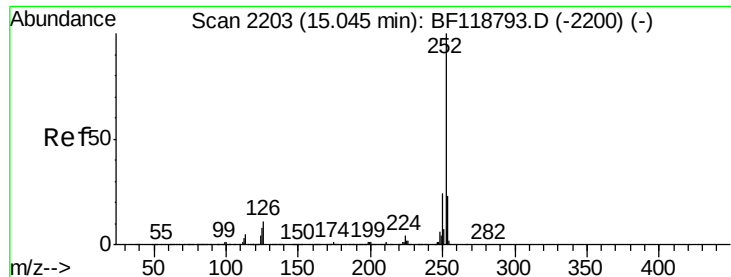


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

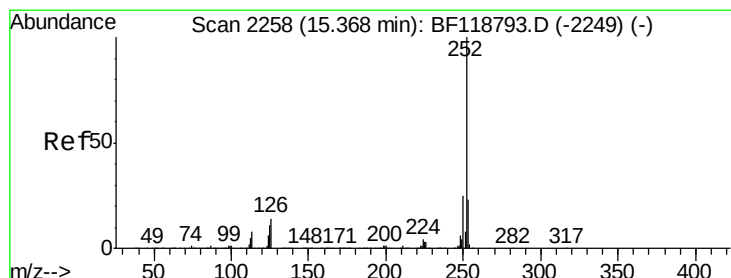
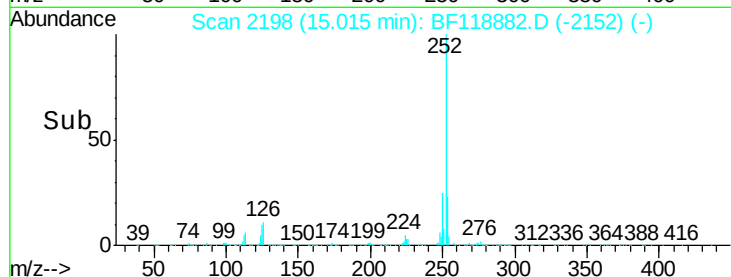
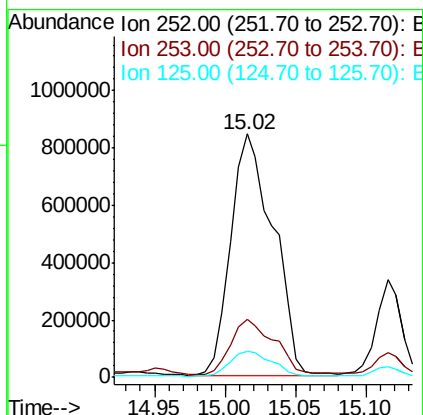
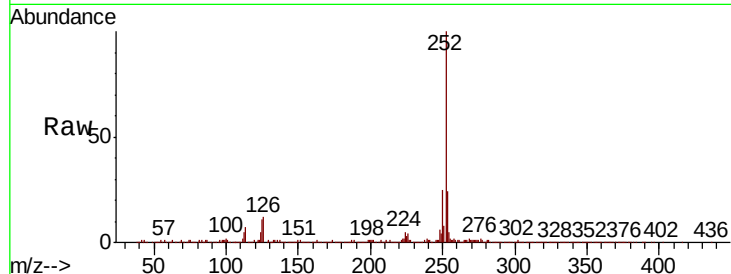




#89
Benzo(k)fluoranthene
Concen: 66.989 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

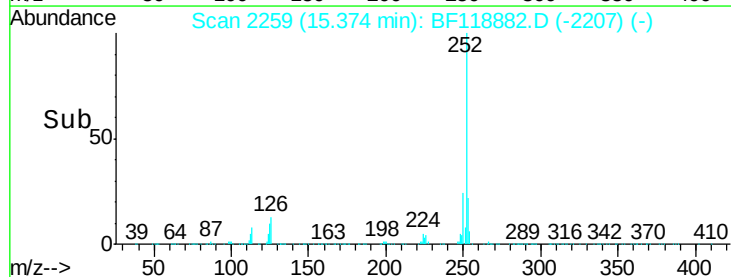
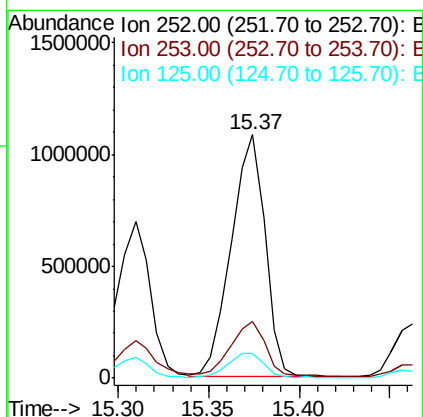
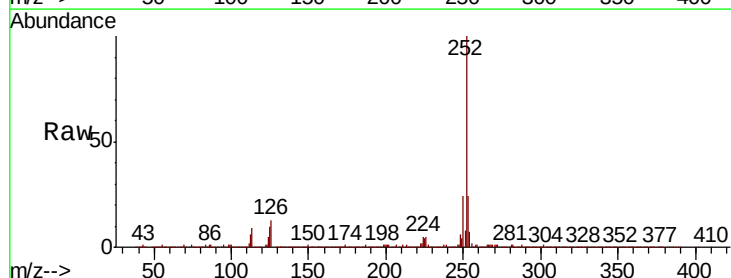
Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

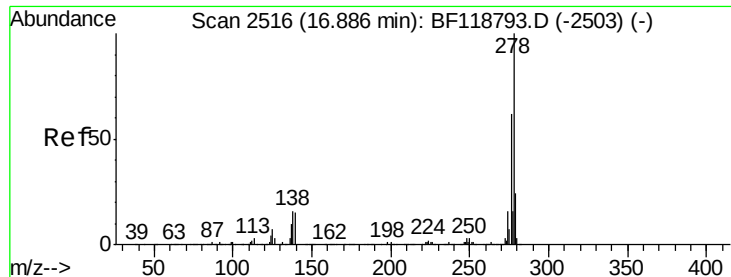
Tot Ion:252 Resp: 1768308
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 10.8 7.0 10.6#



#90
Benzo(a)pyrene
Concen: 54.018 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:252 Resp: 1401352
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 10.2 8.7 13.1

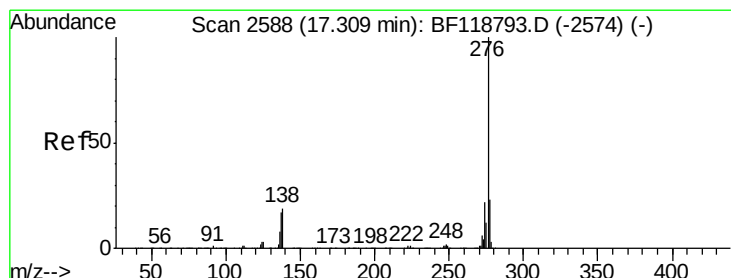
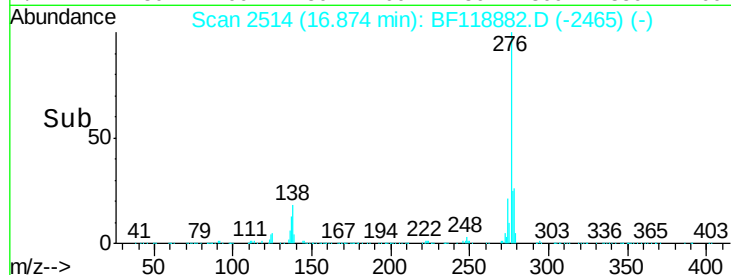
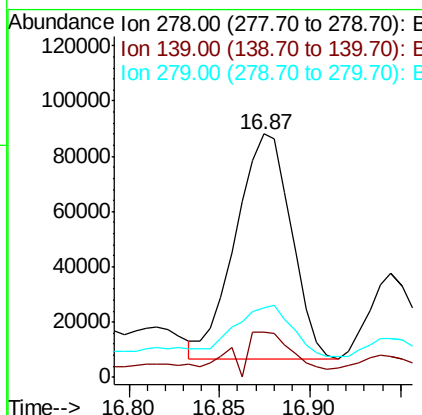
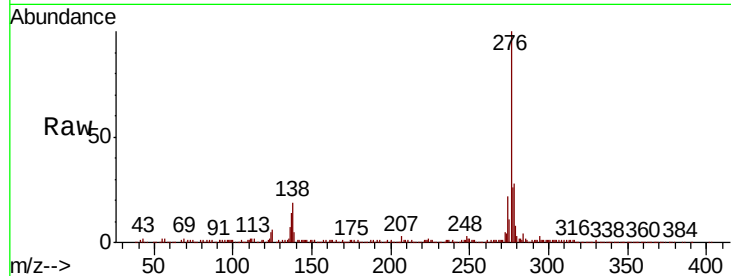




#91
Dibenzo(a,h)anthracene
Concen: 7.559 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Instrument :
BNA_F
ClientSampleId :
TP11-EP1-2.5

Tot Ion:278 Resp: 174080
Ion Ratio Lower Upper
278 100
139 18.8 12.3 18.5#
279 28.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 29.811 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.00 min
Lab File: BF118882.D
Acq: 10 Feb 2020 21:43

Tgt Ion:276 Resp: 660249
Ion Ratio Lower Upper
276 100
277 24.8 18.7 28.1
138 20.3 15.4 23.2

