

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118883.D
 Acq On : 10 Feb 2020 22:12
 Operator : CG/JU
 Sample : L1468-05 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9-EP1-2.5

Quant Time: Feb 11 00:19:07 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	226322	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	865935	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	412408	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	775343	20.00	ng	0.00
76) Chrysene-d12	13.98	240	514497	20.00	ng	0.00
87) Perylene-d12	15.43	264	575981	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	93853	7.85	ng	0.00
7) Phenol-d6	6.45	99	123471	8.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	91900	6.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	43172	8.75	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	186703	8.09	ng	-0.01
79) Terphenyl-d14	12.92	244	300000	11.98	ng	-0.01

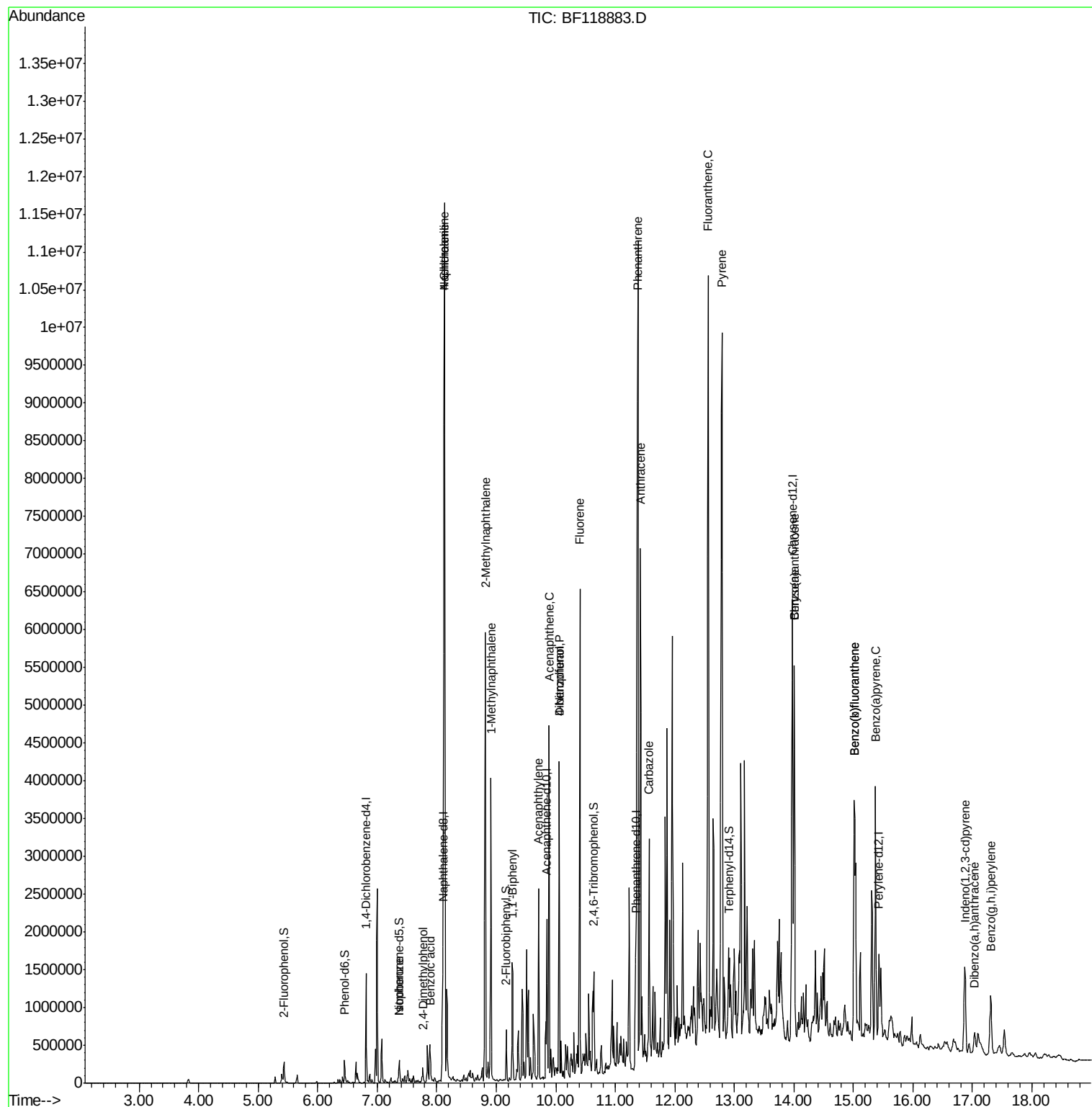
Target Compounds				Qvalue		
9) Benzaldehyde	6.37	77	2303	Below Cal	#	1
25) Isophorone	7.37	82	91914	3.520	ng	# 63
27) 2,4-Dimethylphenol	7.76	122	26616	2.534	ng	98
31) Naphthalene	8.13	128	7525582	190.019	ng	# 92
32) Benzoic acid	7.89	122	26521	3.049	ng	# 20
33) 4-Chloroaniline	8.13	127	1215454	68.597	ng	# 36
37) 2-Methylnaphthalene	8.82	142	1644780	59.881	ng	97
38) 1-Methylnaphthalene	8.91	142	998509	38.643	ng	100
46) 1,1'-Biphenyl	9.27	154	503702	17.656	ng	98
49) Acenaphthylene	9.71	152	880825	25.723	ng	97
52) Acenaphthene	9.89	154	944173	41.843	ng	98
55) Dibenzofuran	10.06	168	1532427	46.992	ng	100
56) 4-Nitrophenol	10.06	139	584187	113.275	ng	# 11
58) Fluorene	10.40	166	1905292	77.662	ng	98
71) Phenanthrene	11.38	178	6178106	161.951	ng	94
72) Anthracene	11.42	178	2795467	73.661	ng	99
73) Carbazole	11.57	167	1166485	35.024	ng	99
75) Fluoranthene	12.56	202	5619852	134.928	ng	95
78) Pyrene	12.79	202	5027794	142.447	ng	94
81) Benzo(a)anthracene	14.01	228	1932731	63.129	ng	94
83) Chrysene	14.01	228	1932731	62.899	ng	98
86) Indeno(1,2,3-cd)pyrene	16.87	276	789494	25.573	ng	96
88) Benzo(b)fluoranthene	15.02	252	2946222	82.433	ng	99
89) Benzo(k)fluoranthene	15.02	252	2946222	94.664	ng	98
90) Benzo(a)pyrene	15.37	252	1781753	58.252	ng	98
91) Dibenzo(a,h)anthracene	17.04	278	202035	7.441	ng	95
92) Benzo(g,h,i)perylene	17.31	276	696267	26.663	ng	98

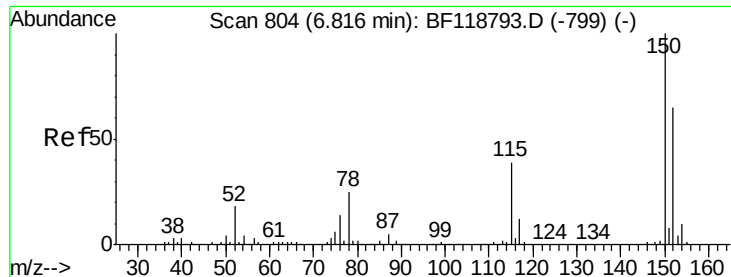
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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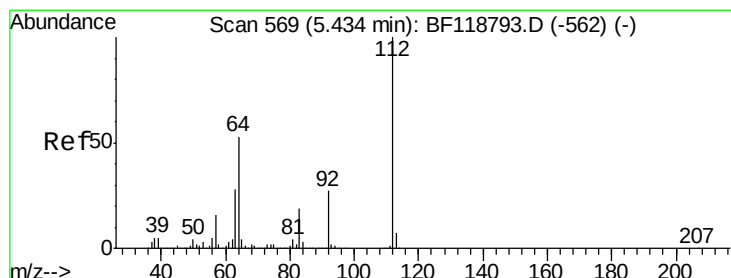
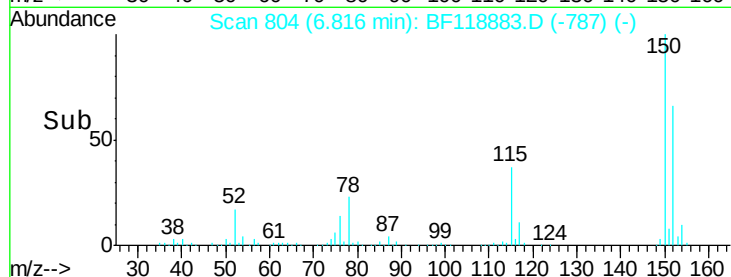
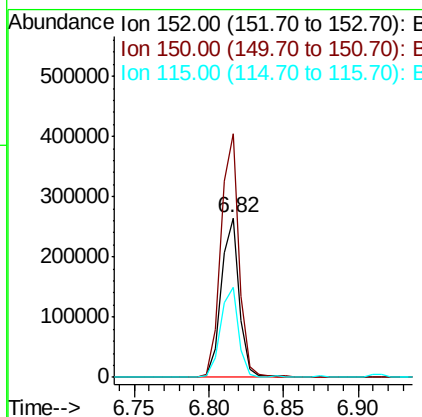
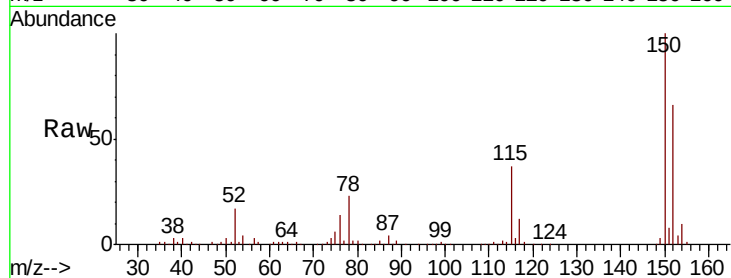


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

Instrument :
 BNA_F
 ClientSampleId :
 TP9-EP1-2.5

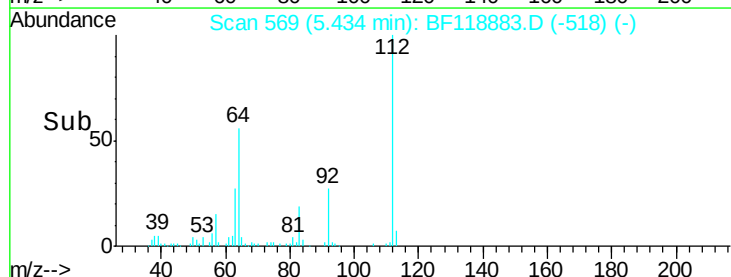
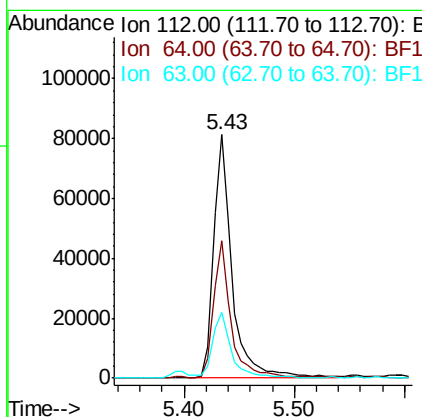
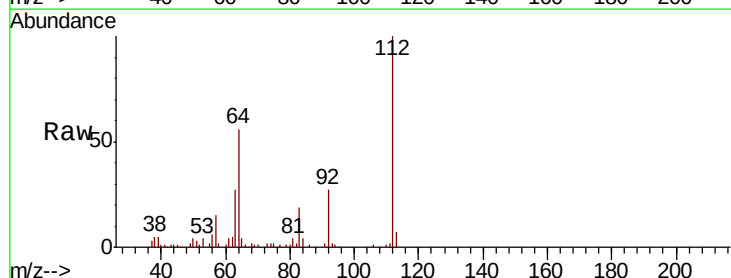
Tot Ion:152 Resp: 226322
 Ion Ratio Lower Upper
 152 100
 150 152.6 123.6 185.4
 115 56.4 48.2 72.2

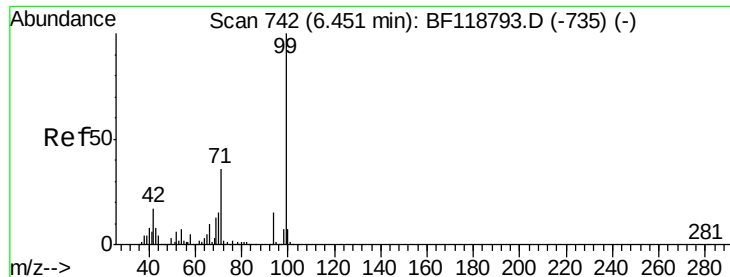


#5

2-Fluorophenol
 Concen: 7.850 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

Tgt Ion:112 Resp: 93853
 Ion Ratio Lower Upper
 112 100
 64 56.5 42.6 63.8
 63 27.1 22.2 33.4





#7

Phenol-d6

Concen: 8.319 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

TP9-EP1-2.5

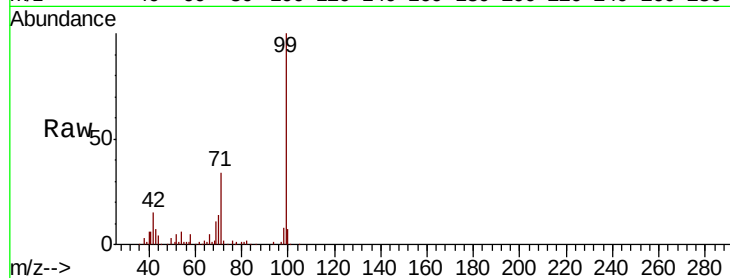
Tot Ion: 99 Resp: 123471

Ion Ratio Lower Upper

99 100

42 15.3 13.4 20.0

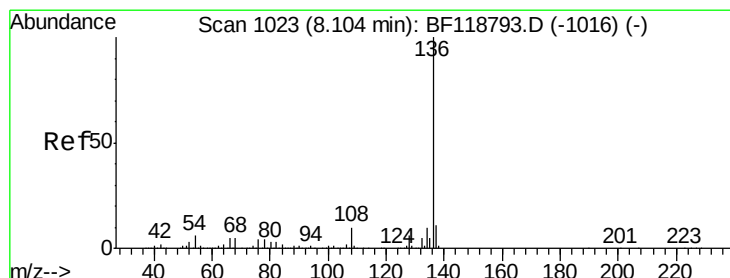
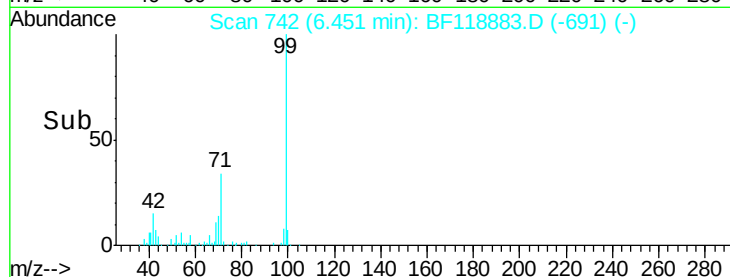
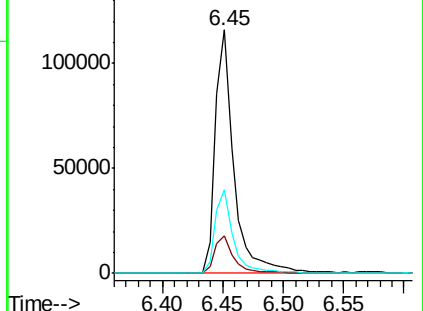
71 34.5 29.0 43.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

Tgt Ion: 136 Resp: 865935

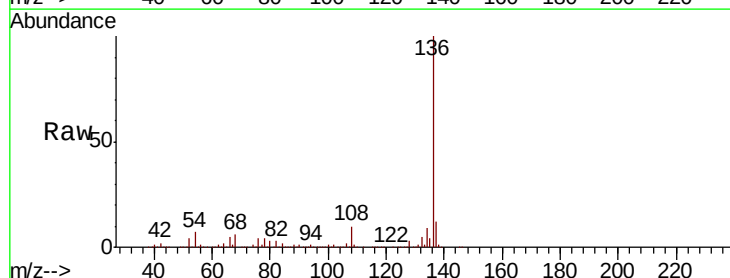
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 7.1 5.0 7.6

68 6.1 4.2 6.4

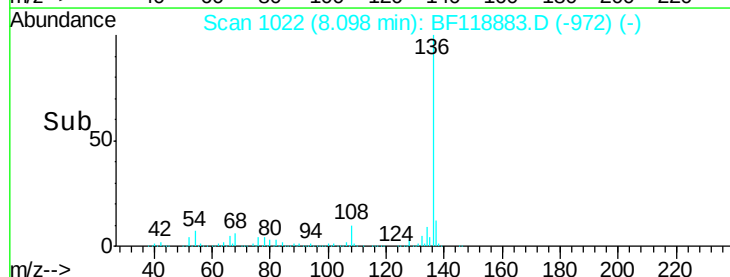
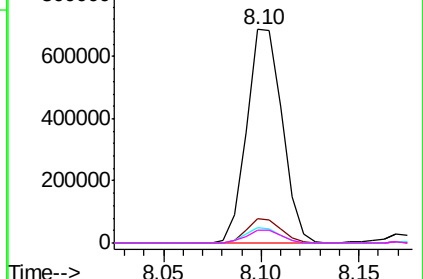


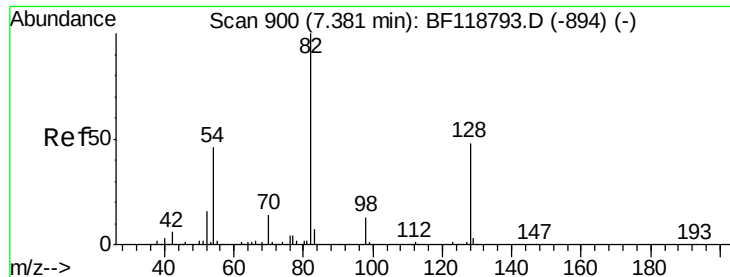
Abundance Ion 136.00 (135.70 to 136.70): E

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

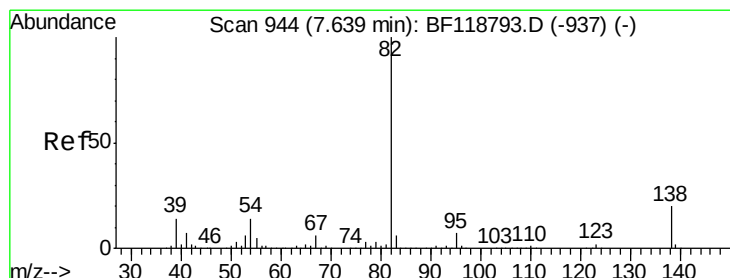
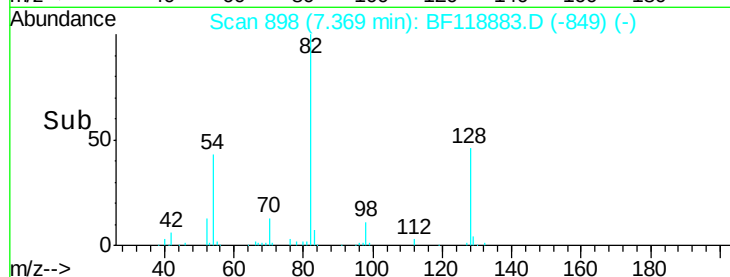
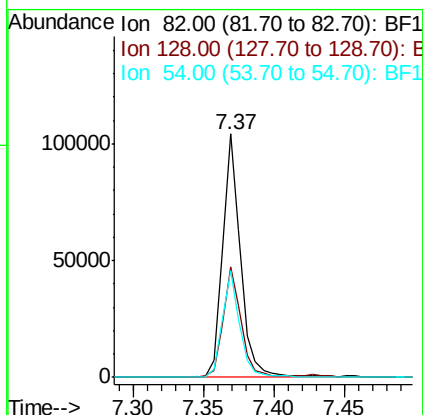
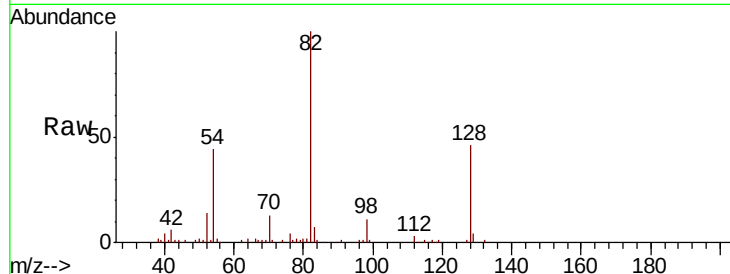




#23
Nitrobenzene-d5
Concen: 6.326 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118883.D
Acq: 10 Feb 2020 22:12

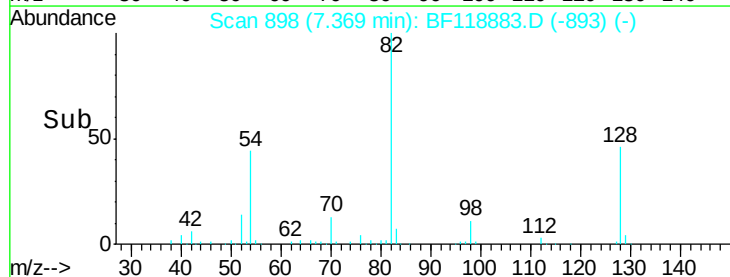
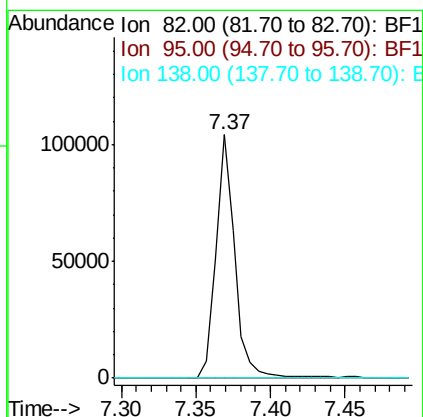
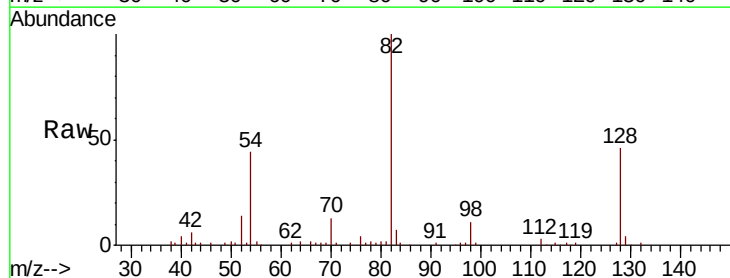
Instrument :
BNA_F
ClientSampleId :
TP9-EP1-2.5

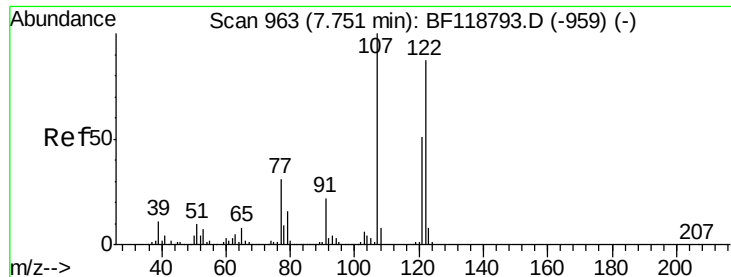
Tot Ion	82	Resp	91900
Ion Ratio	Lower	Upper	
82	100		
128	45.5	38.5	57.7
54	43.7	36.7	55.1



#25
Isophorone
Concen: 3.520 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF118883.D
Acq: 10 Feb 2020 22:12

Tgt Ion	82	Resp	91914
Ion Ratio	Lower	Upper	
82	100		
95	0.4	6.0	9.0#
138	0.0	15.7	23.5#





#27

2,4-Dimethylphenol

Concen: 2.534 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

TP9-EP1-2.5

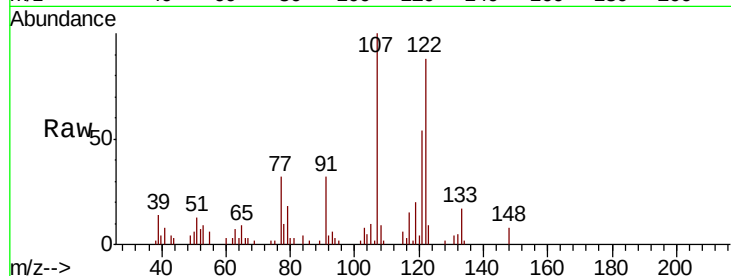
Tot Ion:122 Resp: 26616

Ion Ratio Lower Upper

122 100

107 114.0 92.2 138.2

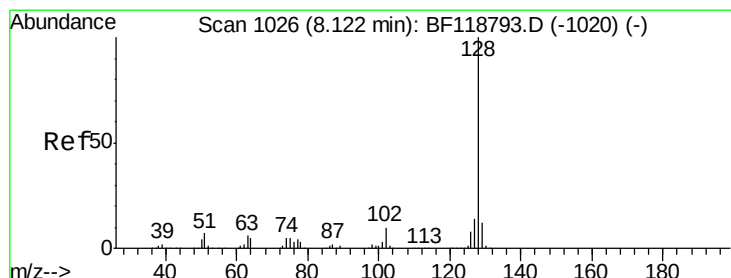
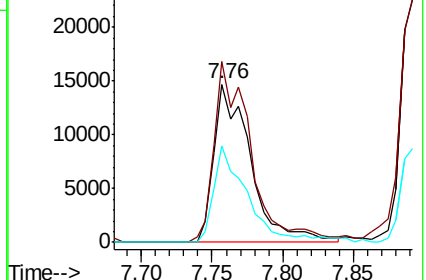
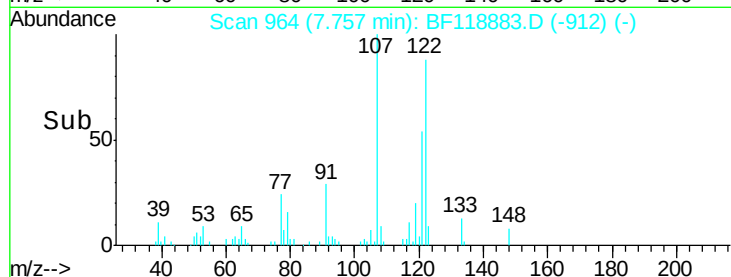
121 61.0 46.8 70.2



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: 190.019 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

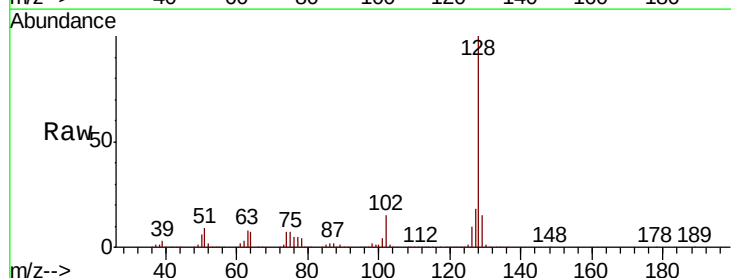
Tgt Ion:128 Resp: 7525582

Ion Ratio Lower Upper

128 100

129 14.5 9.4 14.2#

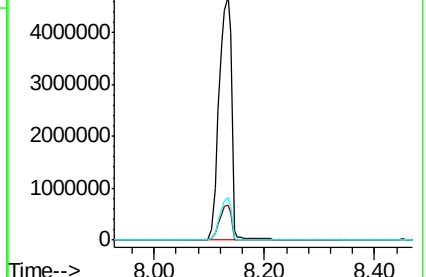
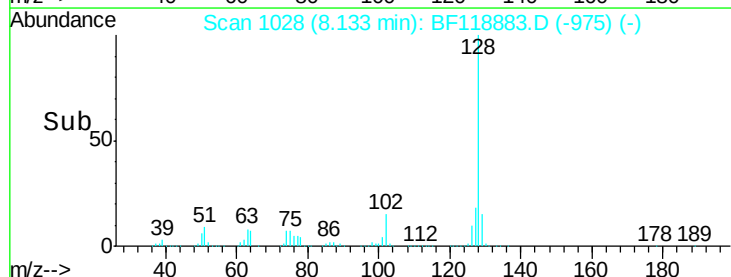
127 17.7 11.3 16.9#

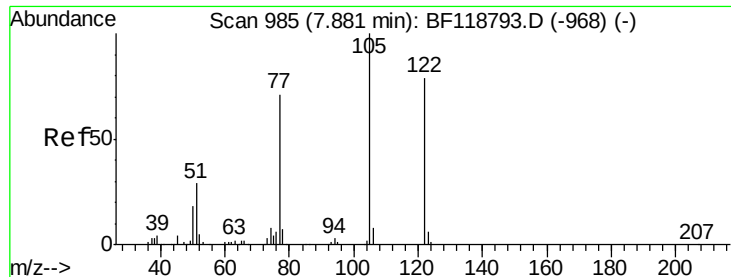


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

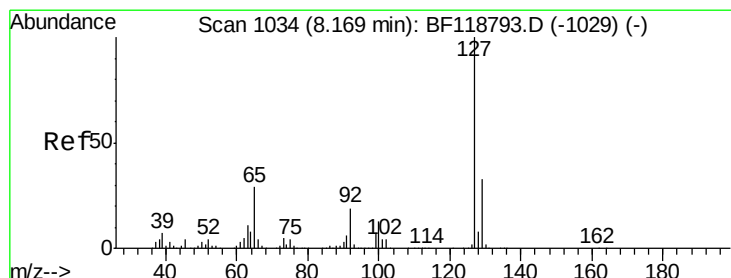
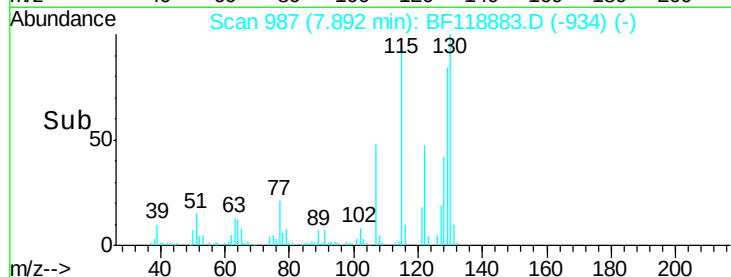
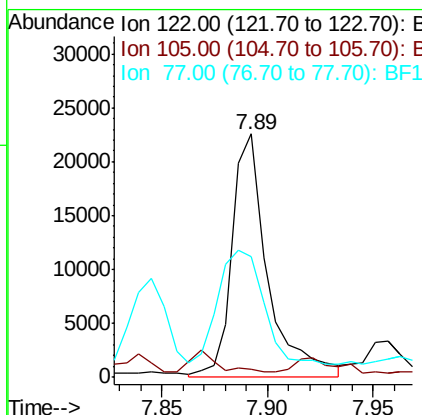
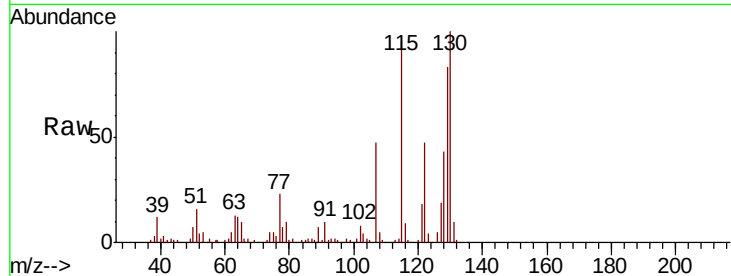




#32
Benzoic acid
Concen: 3.049 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF118883.D
Acq: 10 Feb 2020 22:12

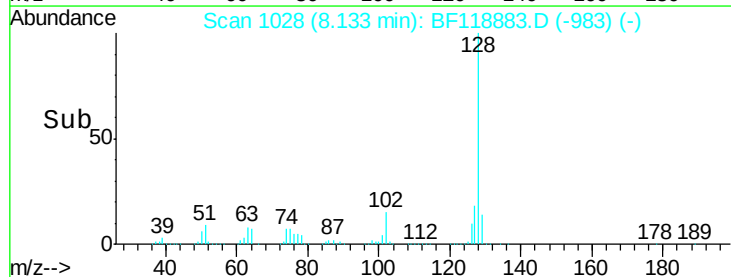
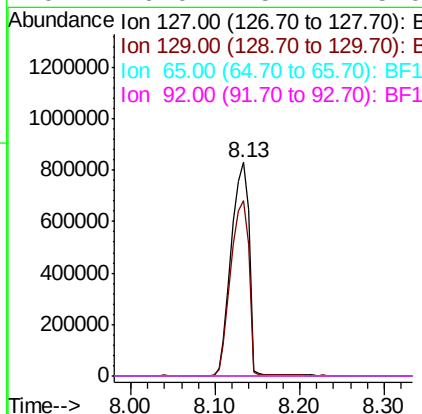
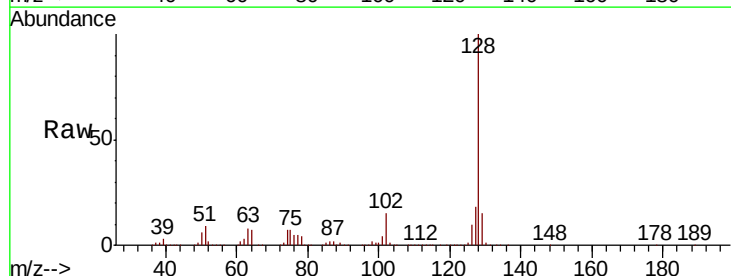
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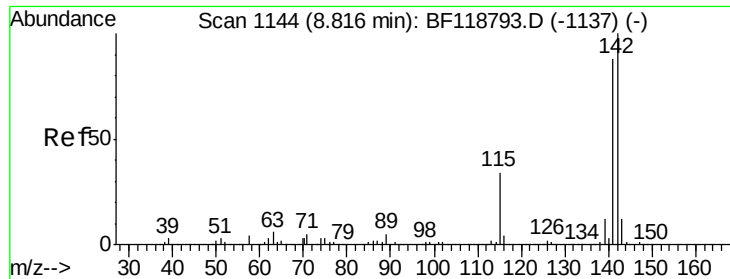
Tot Ion	Ratio	Lower	Upper
122	100		
105	3.1	104.4	144.4#
77	49.5	69.3	109.3#



#33
4-Chloroaniline
Concen: 68.597 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BF118883.D
Acq: 10 Feb 2020 22:12

Tgt Ion	Ratio	Lower	Upper
127	100		
129	81.9	26.7	40.1#
65	0.0	22.9	34.3#
92	0.0	15.4	23.0#

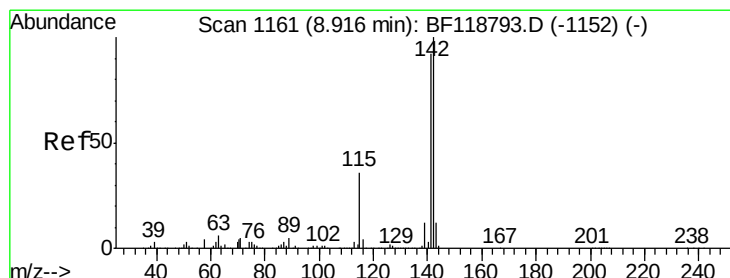
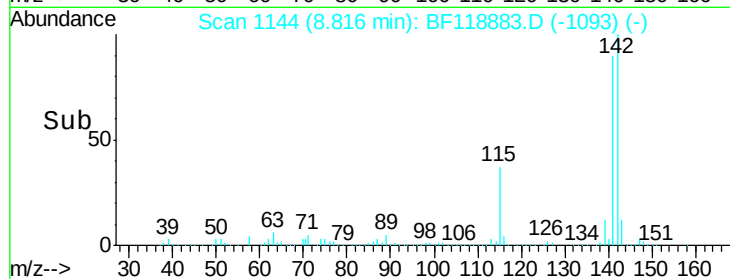
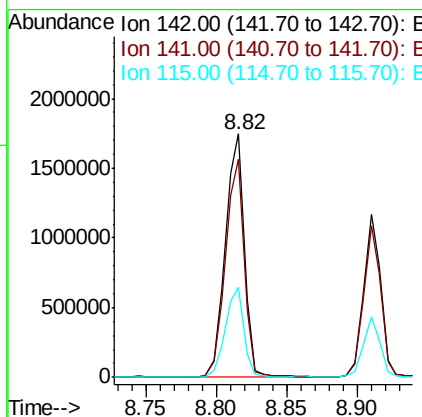
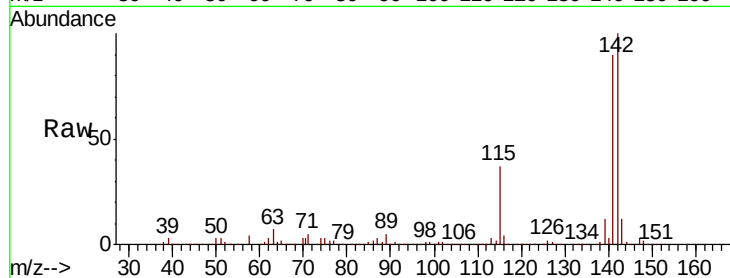




#37
 2-Methylnaphthalene
 Concen: 59.881 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

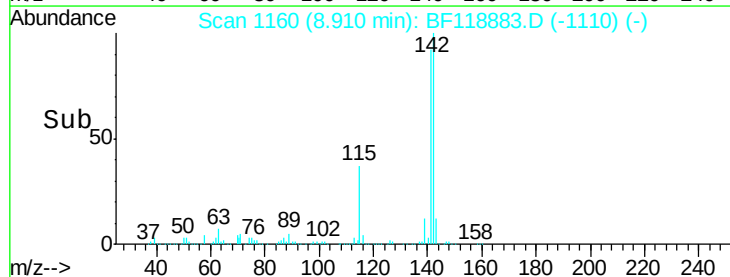
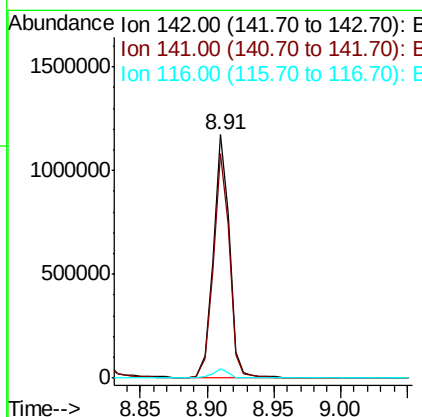
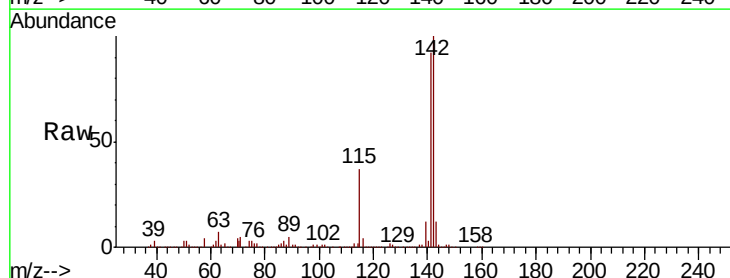
Instrument :
 BNA_F
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 TP9-EP1-2.5

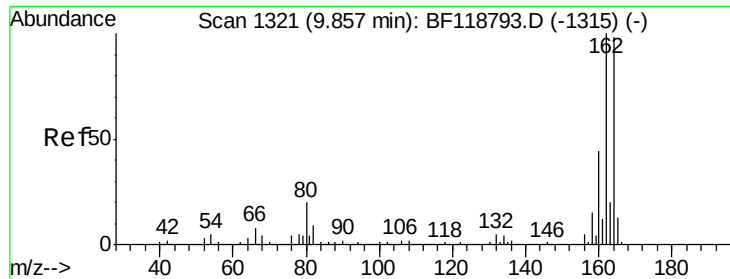
Tot Ion:142 Resp: 1644780
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.1 105.1
 115 36.8 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 38.643 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

Tgt Ion:142 Resp: 998509
 Ion Ratio Lower Upper
 142 100
 141 92.3 73.8 110.6
 116 3.9 3.0 4.4

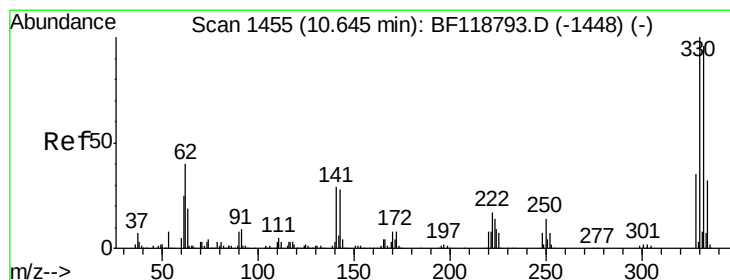
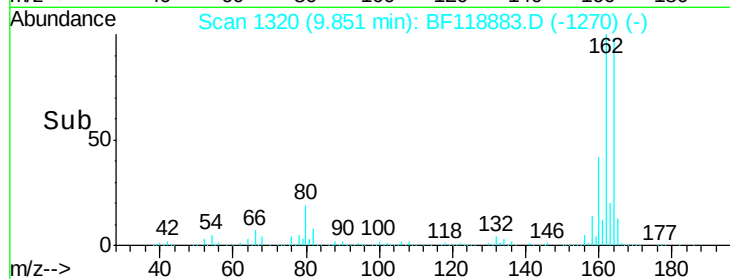
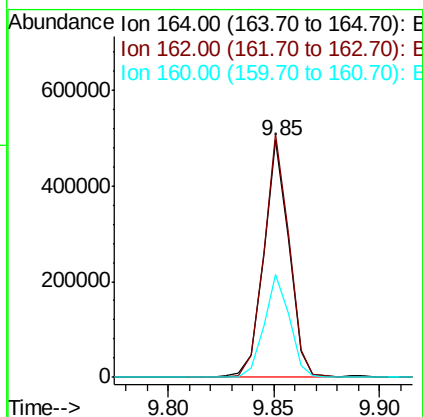
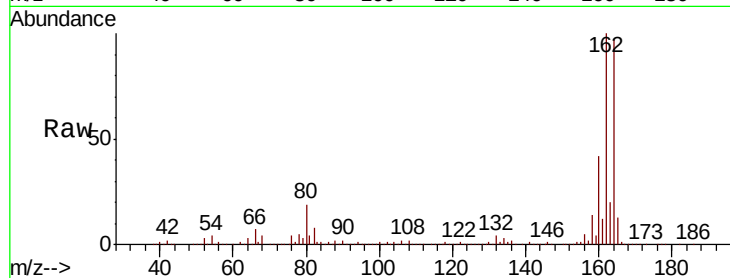




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

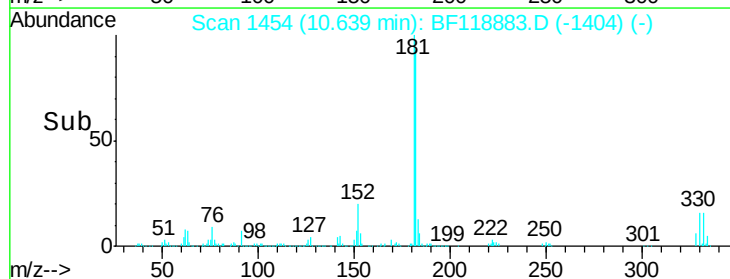
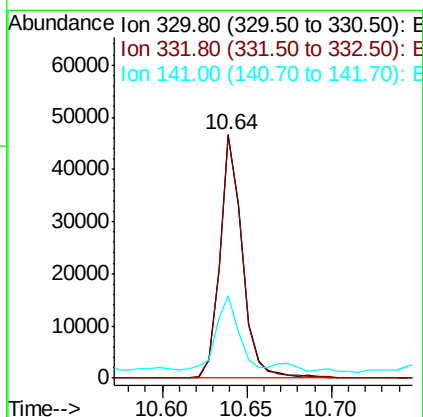
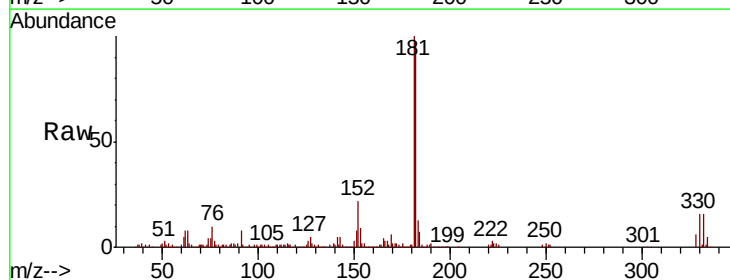
Instrument :
 BNA_F
 ClientSampleId :
 TP9-EP1-2.5

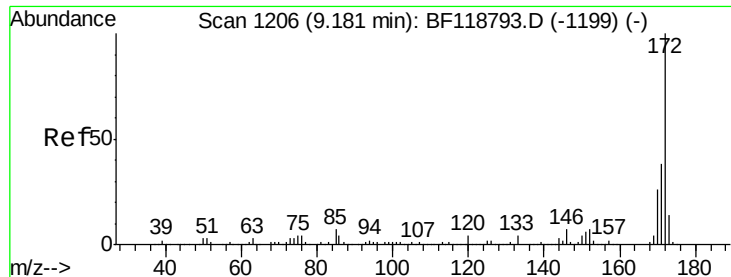
Tot Ion:164 Resp: 412408
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.4 122.2
 160 43.4 35.6 53.4



#42
 2,4,6-Tribromophenol
 Concen: 8.749 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

Tgt Ion:330 Resp: 43172
 Ion Ratio Lower Upper
 330 100
 332 100.0 77.3 115.9
 141 30.1 22.4 33.6

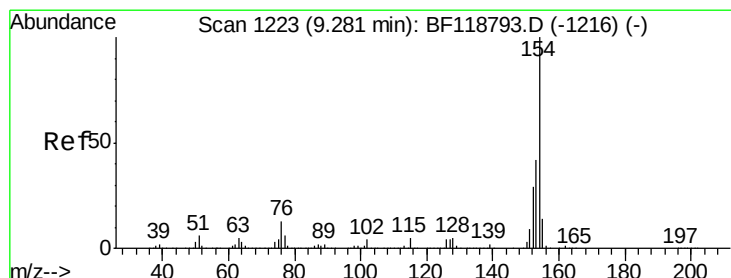
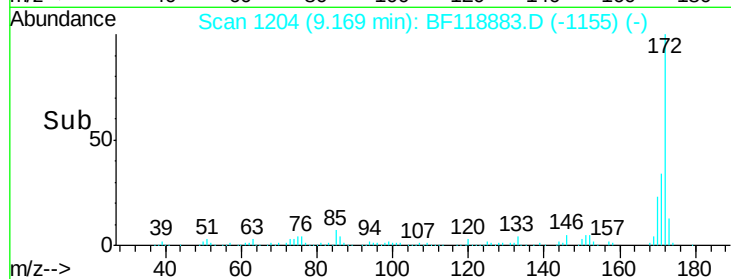
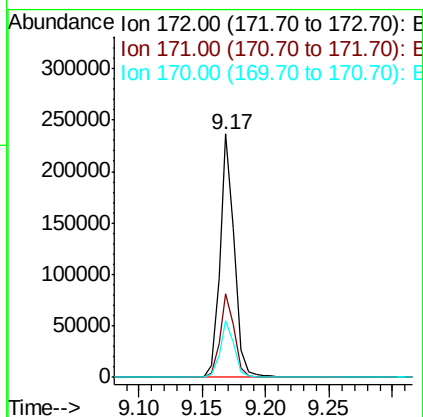
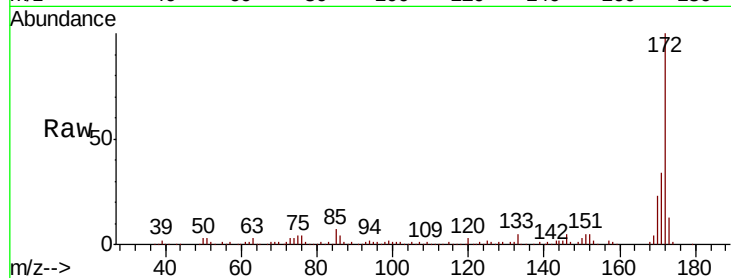




#45
2-Fluorobiphenyl
Concen: 8.093 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118883.D
Acq: 10 Feb 2020 22:12

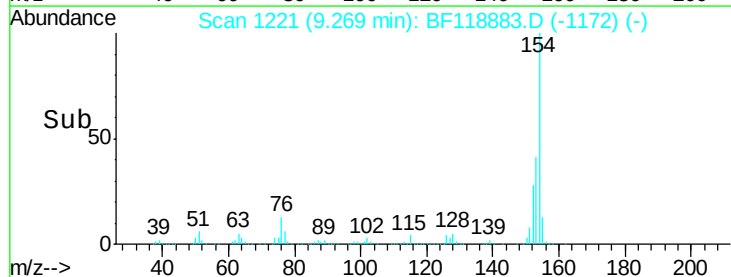
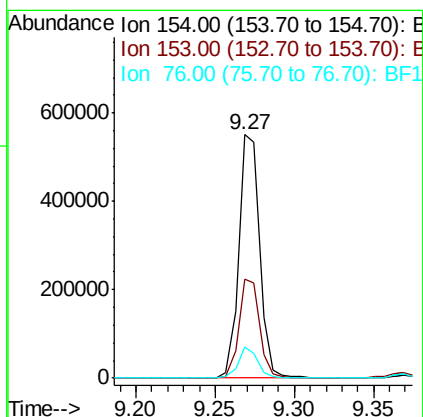
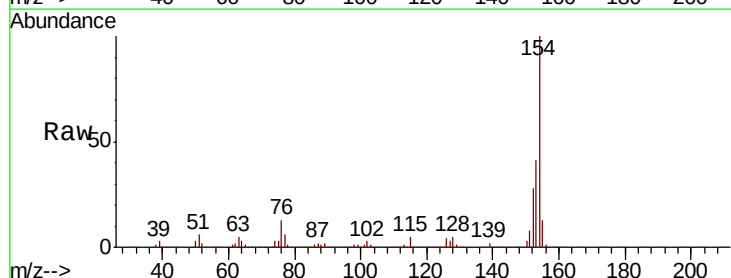
Instrument :
BNA_F
ClientSampleId :
TP9-EP1-2.5

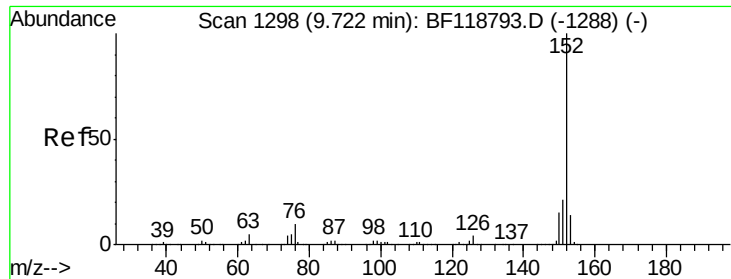
Tot Ion:172 Resp: 186703
Ion Ratio Lower Upper
172 100
171 34.1 30.8 46.2
170 23.3 20.5 30.7



#46
1,1'-Biphenyl
Concen: 17.656 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF118883.D
Acq: 10 Feb 2020 22:12

Tgt Ion:154 Resp: 503702
Ion Ratio Lower Upper
154 100
153 40.9 22.4 62.4
76 12.9 0.0 32.7





#49

Acenaphthylene

Concen: 25.723 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

TP9-EP1-2.5

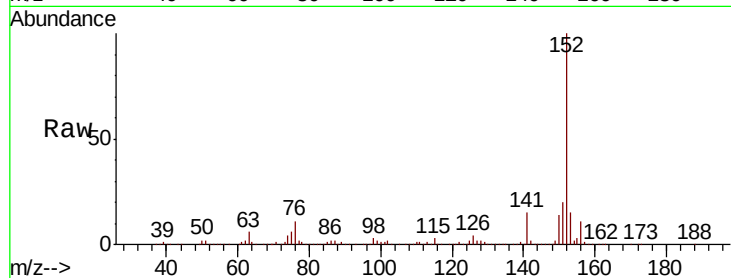
Tot Ion:152 Resp: 880825

Ion Ratio Lower Upper

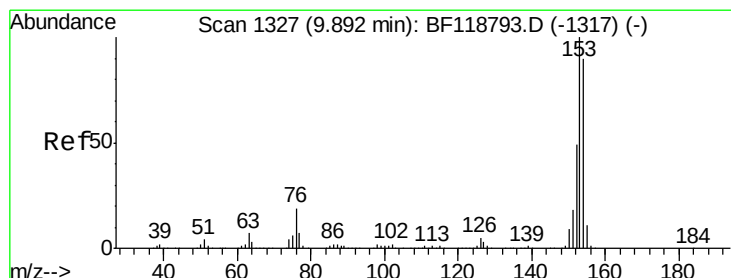
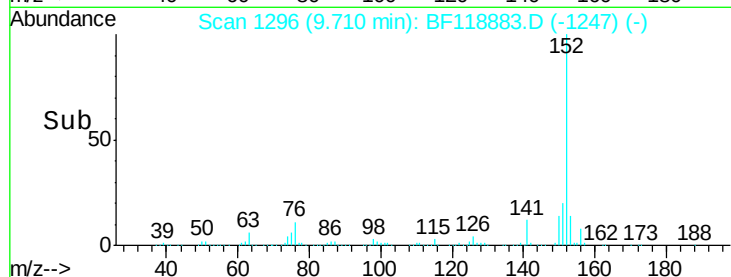
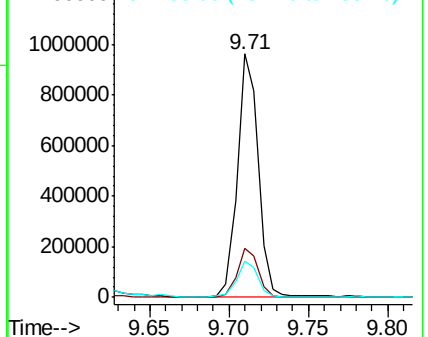
152 100

151 20.1 17.1 25.7

153 15.0 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: 41.843 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

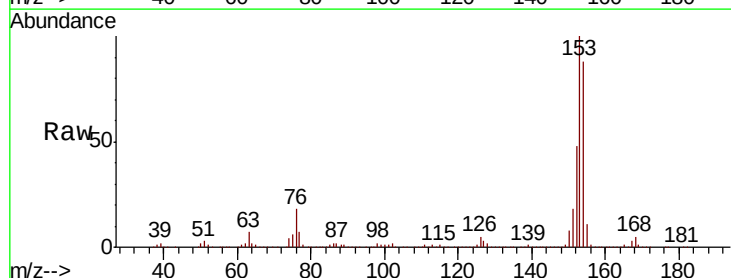
Tgt Ion:154 Resp: 944173

Ion Ratio Lower Upper

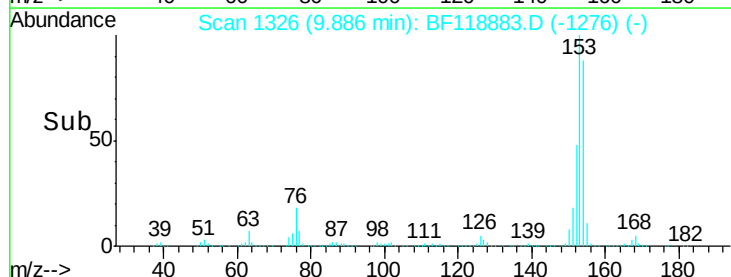
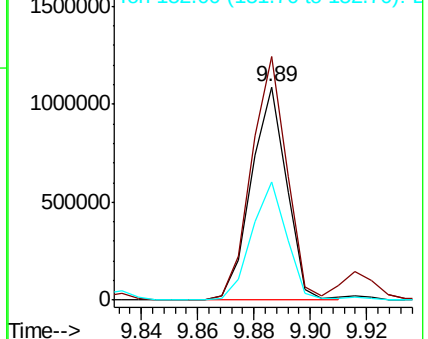
154 100

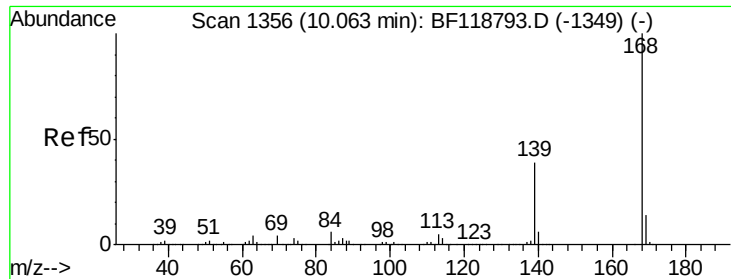
153 114.1 89.4 134.0

152 55.2 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

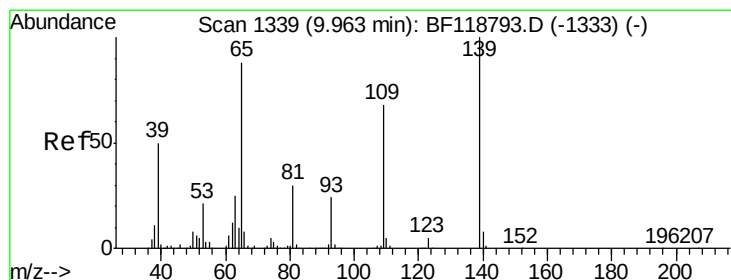
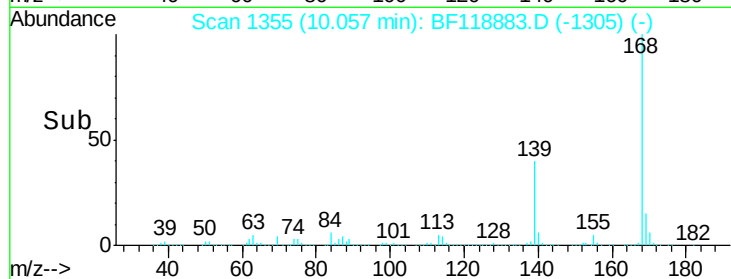
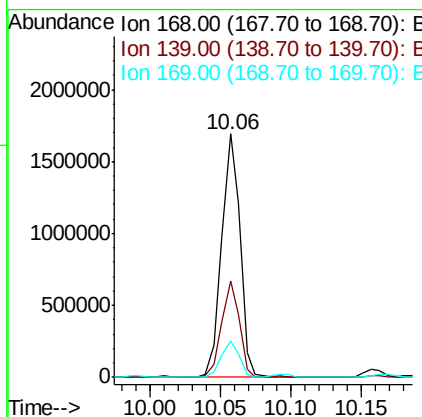
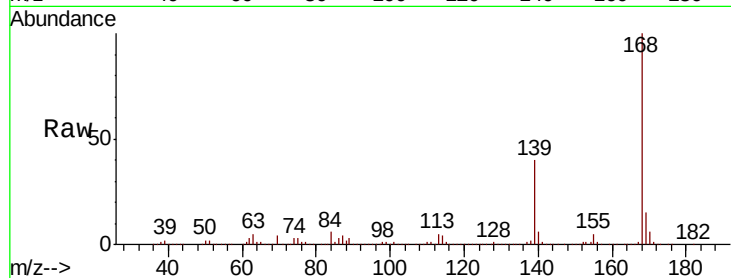




#55
Dibenzofuran
Concen: 46.992 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118883.D
Acq: 10 Feb 2020 22:12

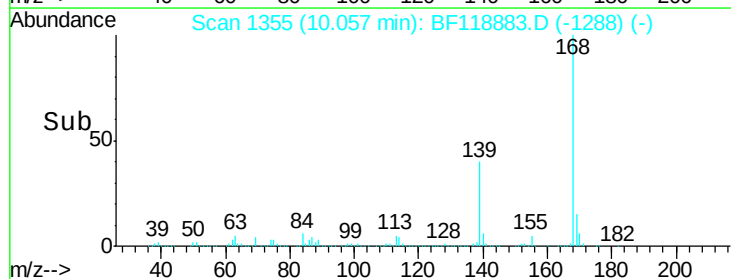
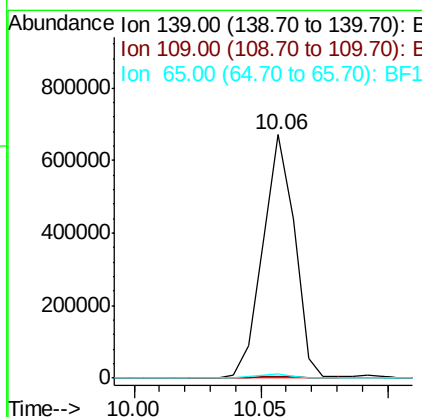
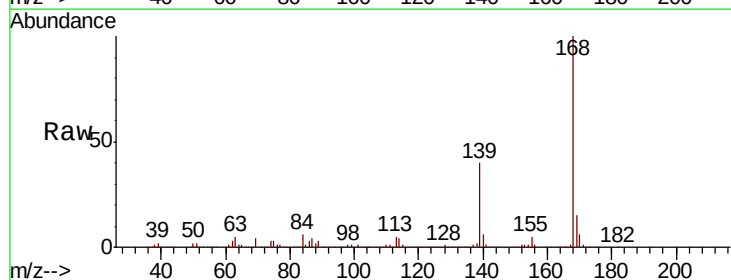
Instrument :
BNA_F
ClientSampleId :
TP9-EP1-2.5

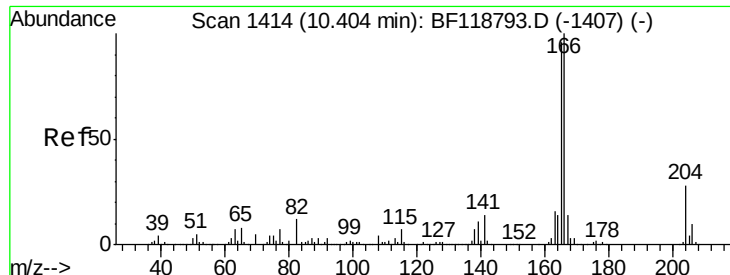
Tot Ion:168 Resp: 1532427
Ion Ratio Lower Upper
168 100
139 39.6 31.6 47.4
169 14.7 11.4 17.2



#56
4-Nitrophenol
Concen: 113.275 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.09 min
Lab File: BF118883.D
Acq: 10 Feb 2020 22:12

Tgt Ion:139 Resp: 584187
Ion Ratio Lower Upper
139 100
109 0.9 48.0 88.0#
65 1.6 68.3 108.3#

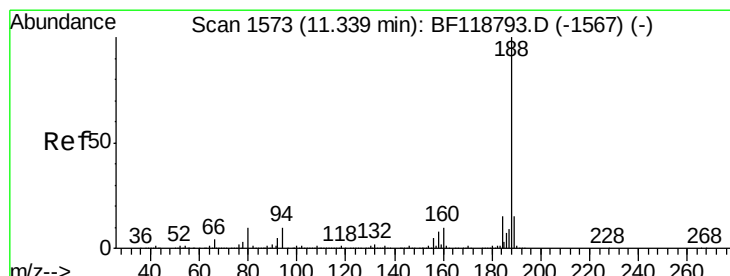
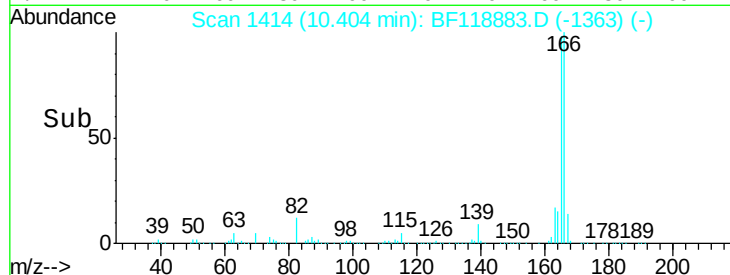
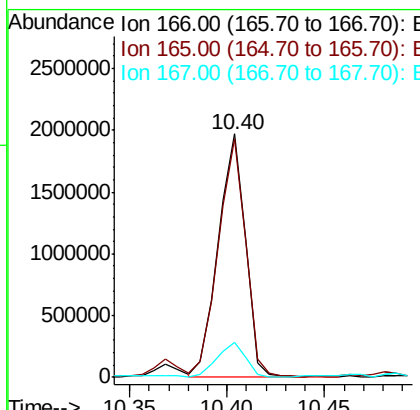
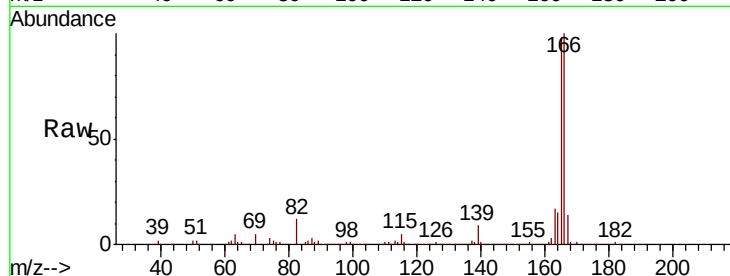




#58
 Fluorene
 Concen: 77.662 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

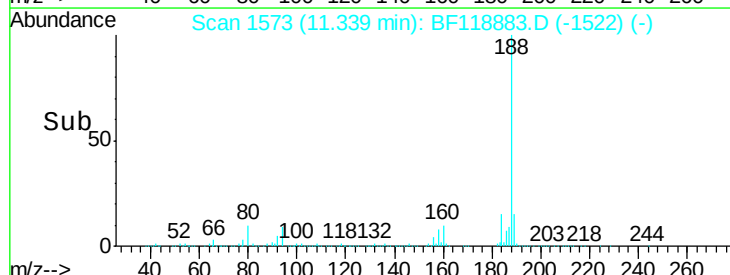
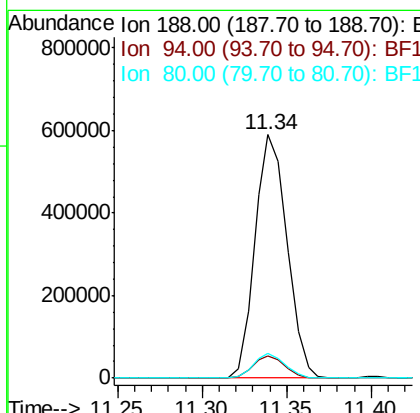
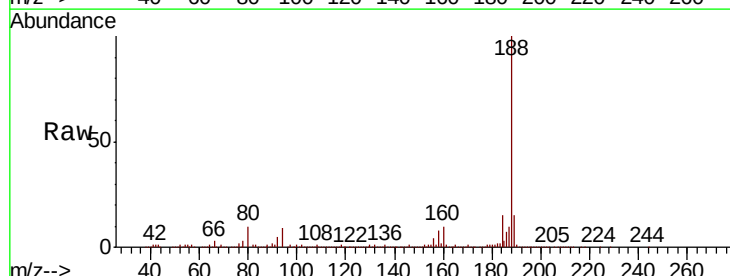
Instrument :
 BNA_F
 ClientSampleID :
 TP9-EP1-2.5

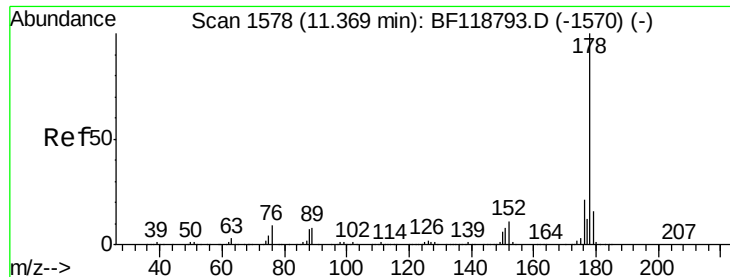
Tot Ion:166 Resp: 1905292
 Ion Ratio Lower Upper
 166 100
 165 97.9 77.0 115.6
 167 14.3 11.1 16.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

Tgt Ion:188 Resp: 775343
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.9 11.9
 80 9.9 8.4 12.6





#71

Phenanthrene

Concen: 161.951 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

Instrument :

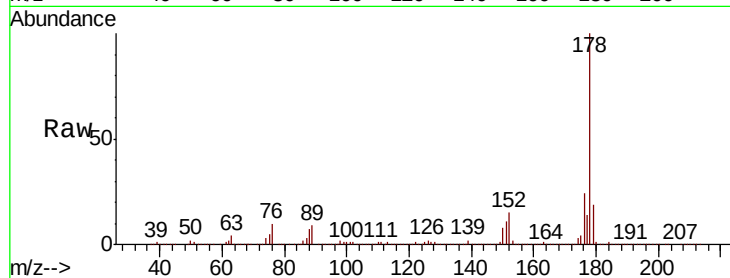
BNA_F

ClientSampleId :

TP9-EP1-2.5

Tot Ion:178 Resp: 6178106

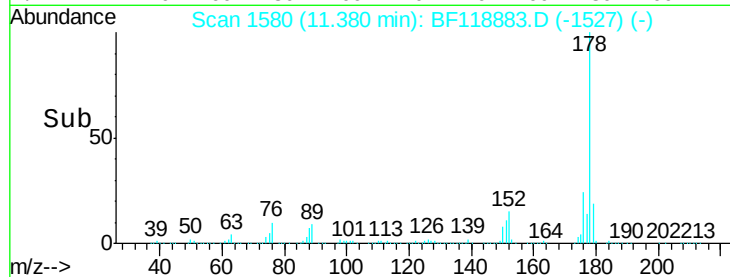
Ion	Ratio	Lower	Upper
178	100		
176	23.6	16.6	24.8
179	18.7	13.2	19.8



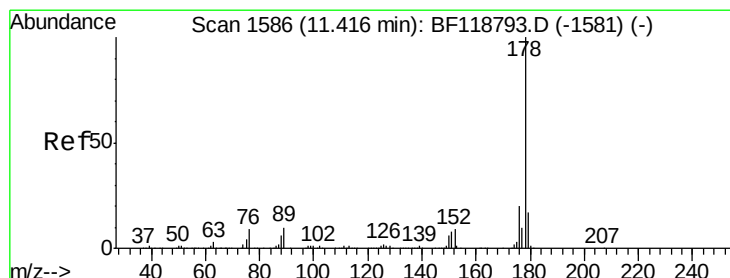
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 73.661 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

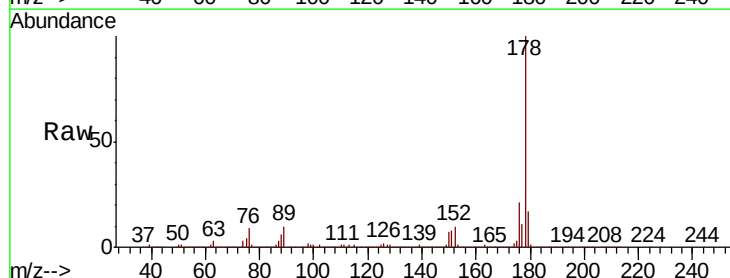
Tgt Ion:178 Resp: 2795467

Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.2	24.2
179	17.0	13.4	20.2

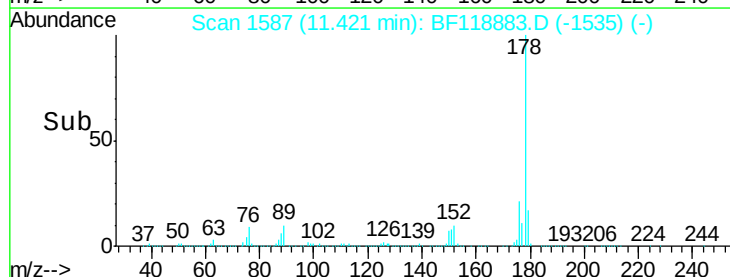
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

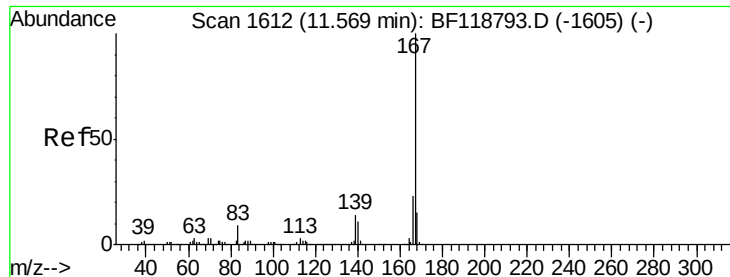
Ion 179.00 (178.70 to 179.70): E



Time-->



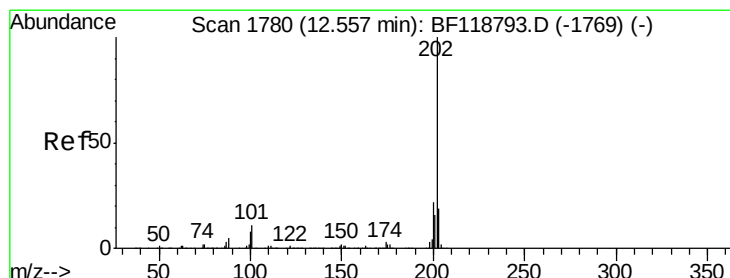
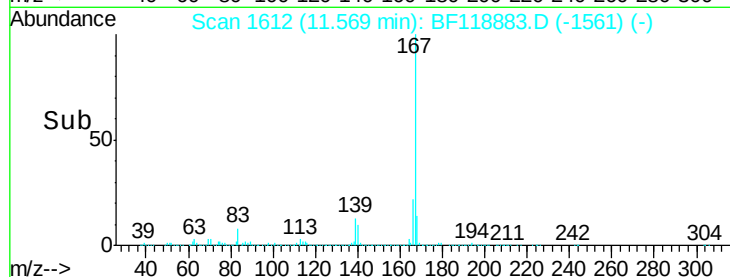
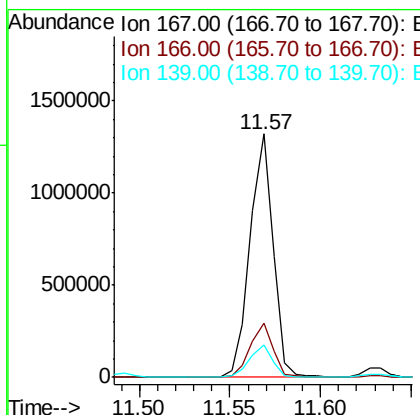
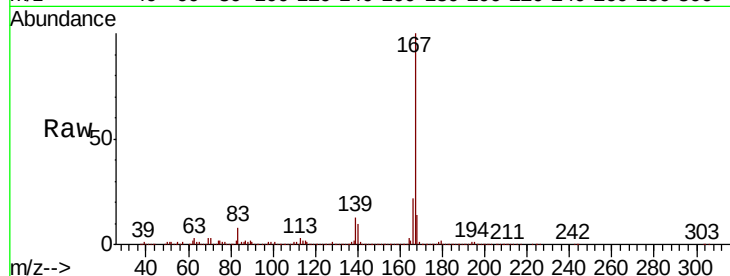
Time-->



#73
 Carbazole
 Concen: 35.024 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

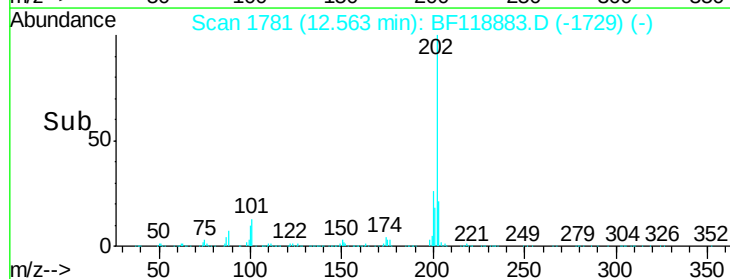
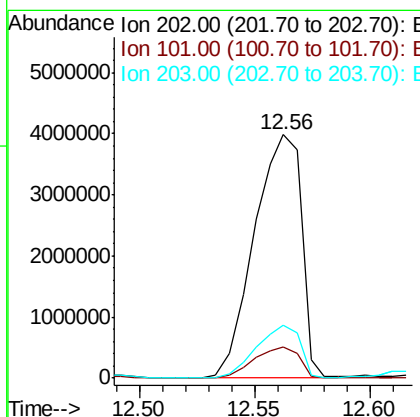
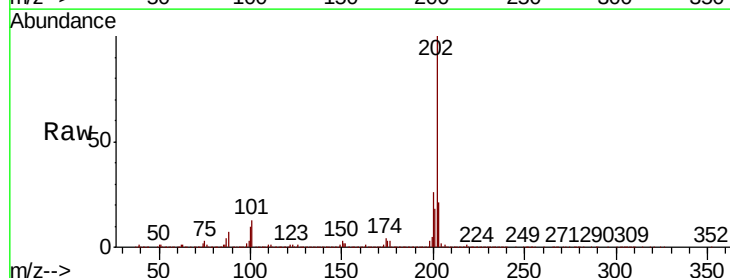
Instrument :
 BNA_F
 ClientSampleId :
 TP9-EP1-2.5

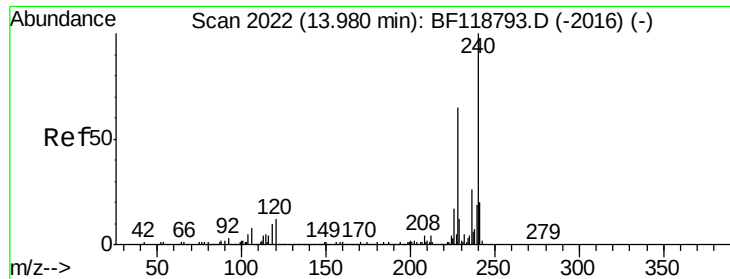
Tot Ion:167 Resp: 1166485
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 13.3 11.1 16.7



#75
 Fluoranthene
 Concen: 134.928 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.01 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

Tgt Ion:202 Resp: 5619852
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 31.0
 203 21.5 0.0 38.7

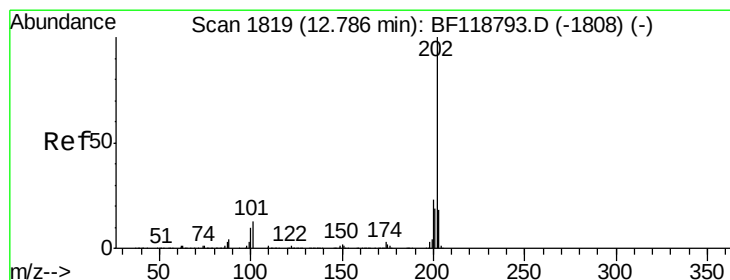
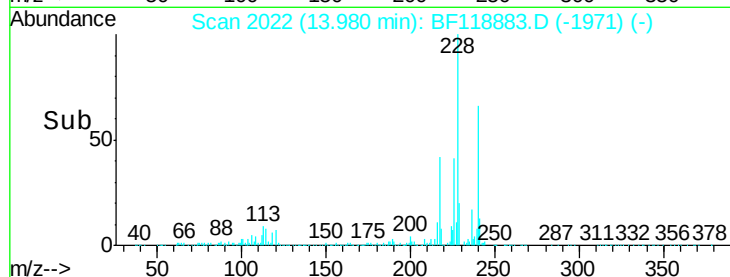
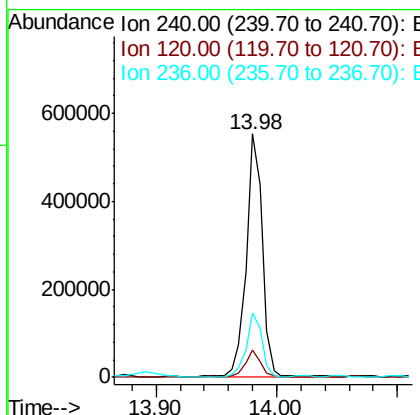
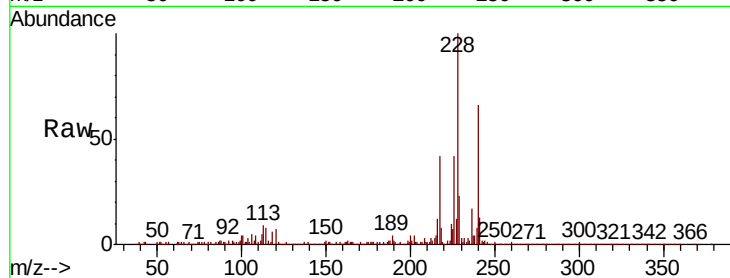




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF118883.D
Acq: 10 Feb 2020 22:12

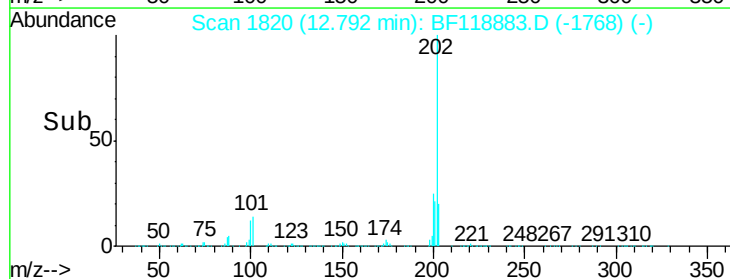
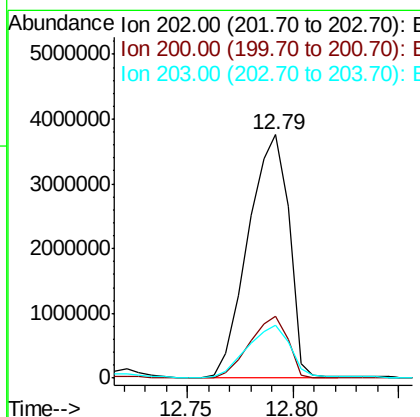
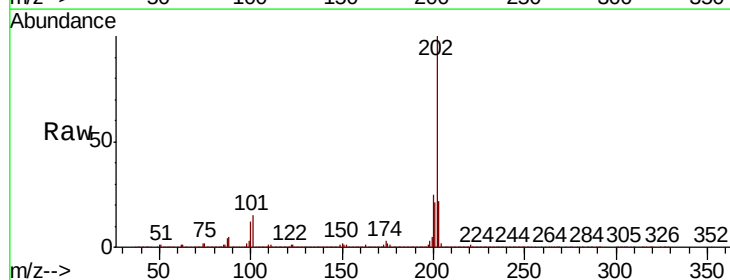
Instrument :
BNA_F
ClientSampleId :
TP9-EP1-2.5

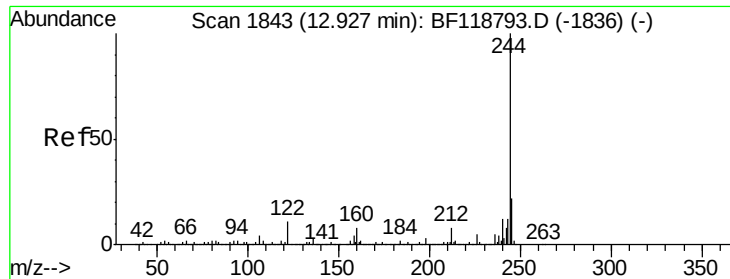
Tot Ion:240 Resp: 514497
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.0
236 26.3 21.0 31.6



#78
Pyrene
Concen: 142.447 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF118883.D
Acq: 10 Feb 2020 22:12

Tgt Ion:202 Resp: 5027794
Ion Ratio Lower Upper
202 100
200 25.4 18.2 27.2
203 21.6 14.8 22.2

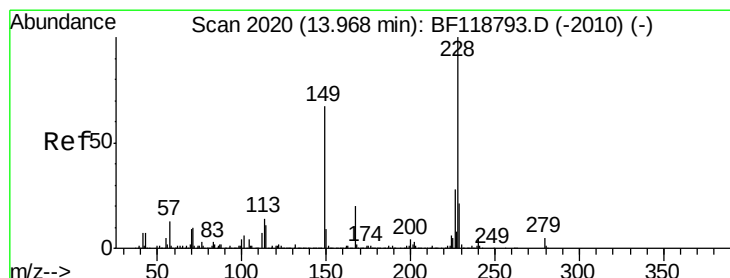
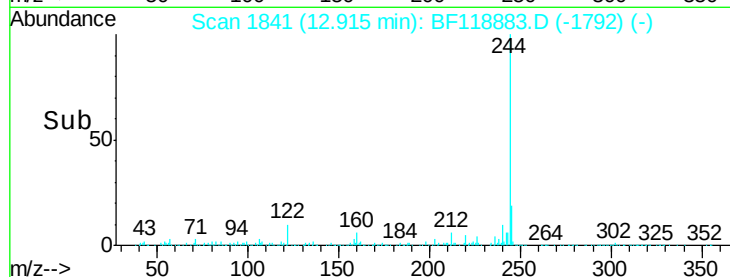
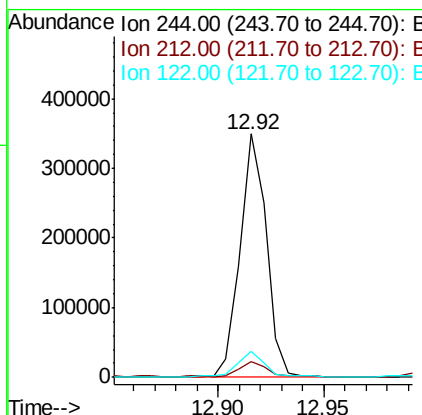
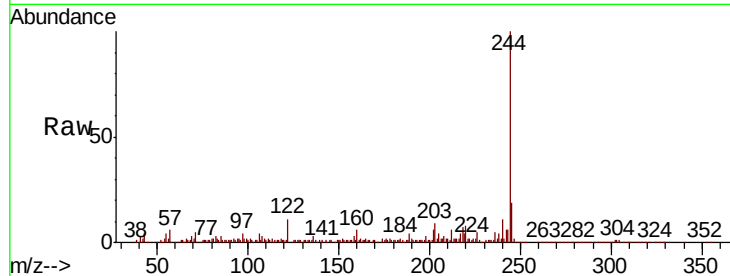




#79
 Terphenyl-d14
 Concen: 11.977 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

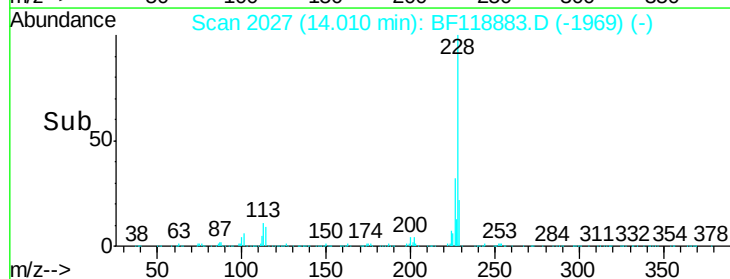
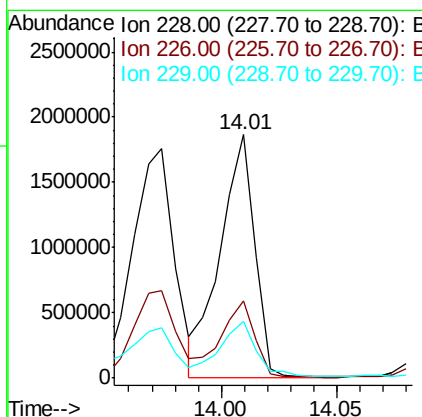
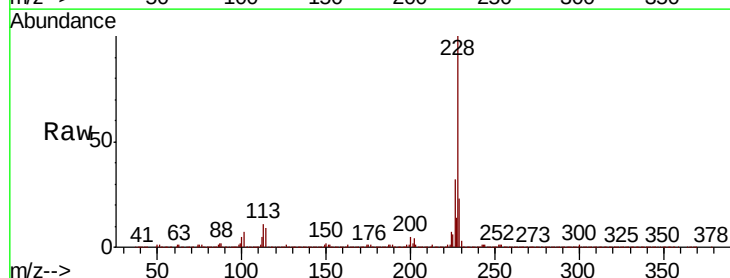
Instrument :
 BNA_F
 ClientSampleId :
 TP9-EP1-2.5

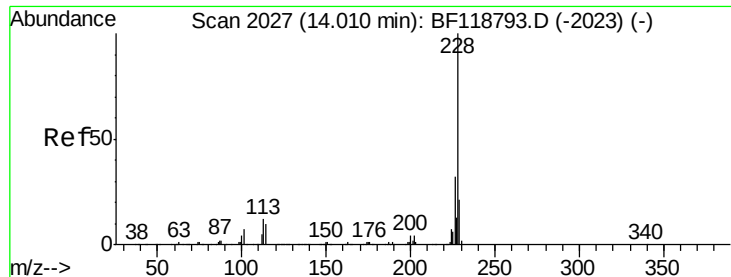
Tot Ion:244 Resp: 300000
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.5 9.7#
 122 10.6 8.9 13.3



#81
 Benzo(a)anthracene
 Concen: 63.129 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.04 min
 Lab File: BF118883.D
 Acq: 10 Feb 2020 22:12

Tgt Ion:228 Resp: 1932731
 Ion Ratio Lower Upper
 228 100
 226 32.0 22.7 34.1
 229 23.2 16.6 25.0





#83

Chrysene

Concen: 62.899 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

TP9-EP1-2.5

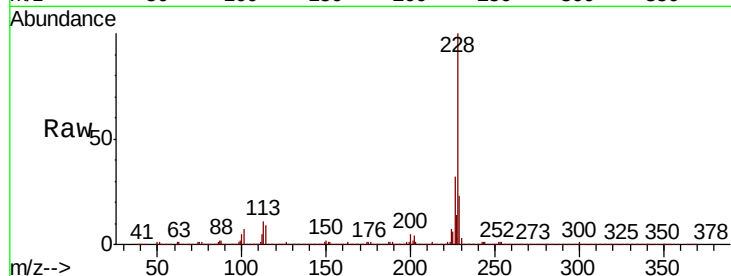
Tot Ion:228 Resp: 1932731

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

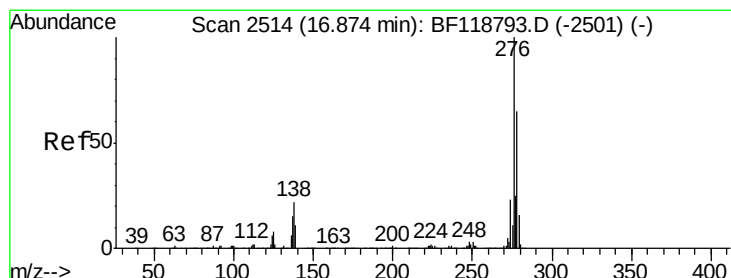
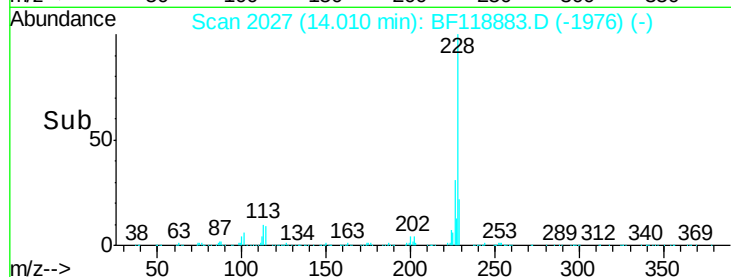
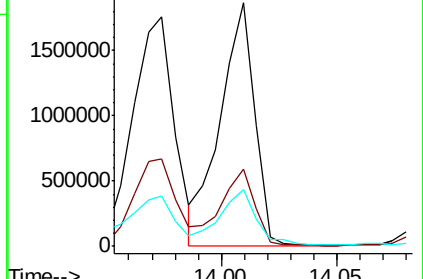
229 23.2 16.9 25.3



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: 25.573 ng

RT: 16.87 min Scan# 2514

Delta R.T. -0.00 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

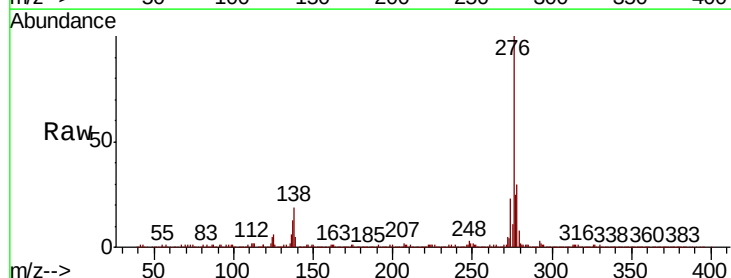
Tgt Ion:276 Resp: 789494

Ion Ratio Lower Upper

276 100

138 19.6 18.3 27.5

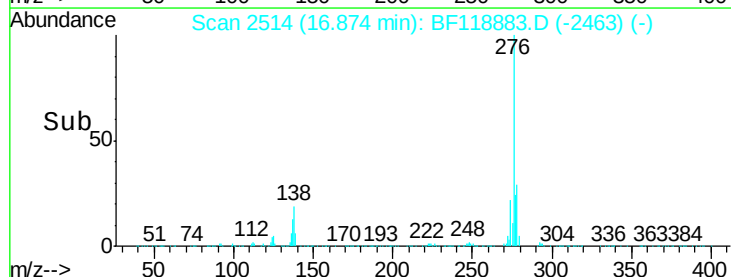
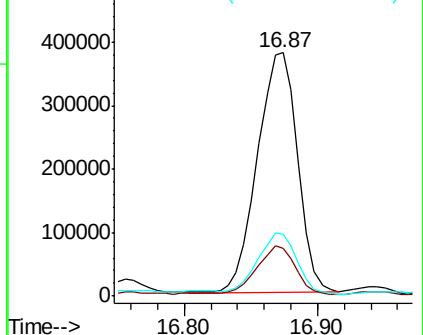
277 24.8 20.2 30.4

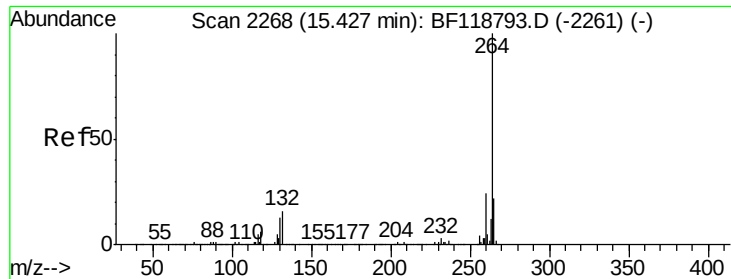


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF118883.D

Acq: 10 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

TP9-EP1-2.5

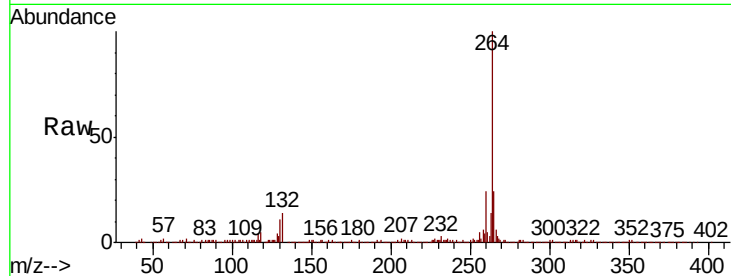
Tot Ion:264 Resp: 575981

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

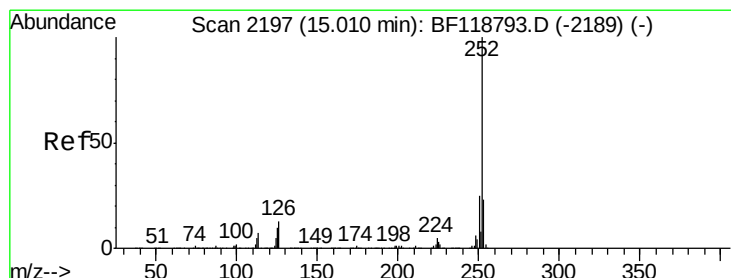
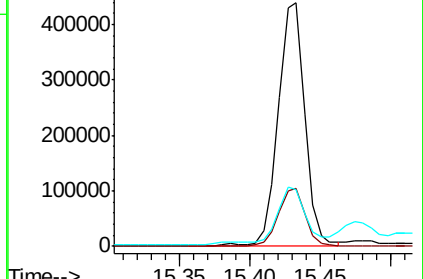
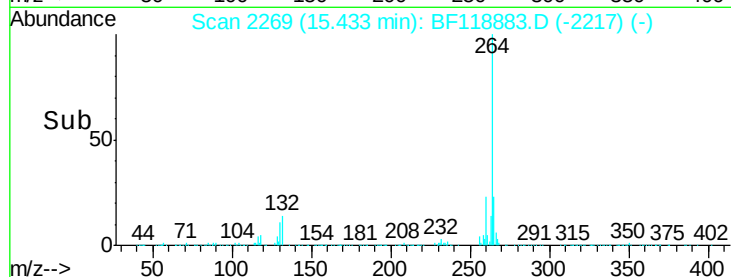
265 23.6 17.2 25.8



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: 82.433 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

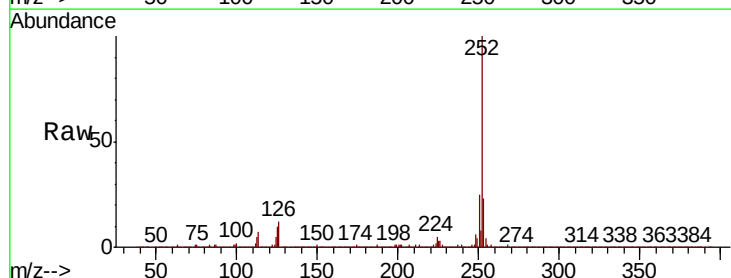
Tgt Ion:252 Resp: 2946222

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

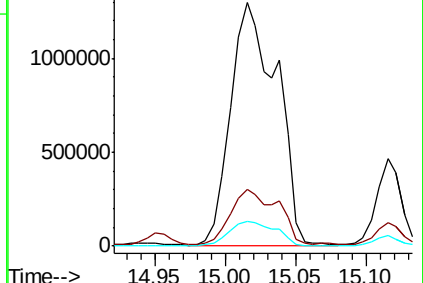
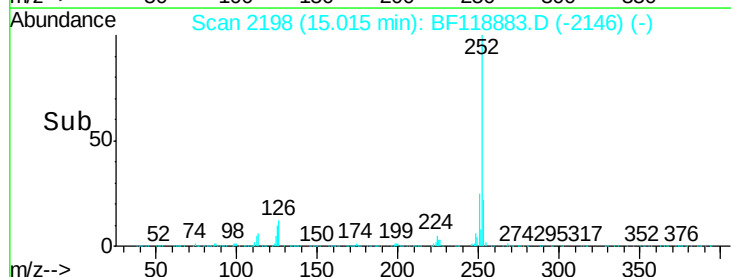
125 10.4 8.1 12.1

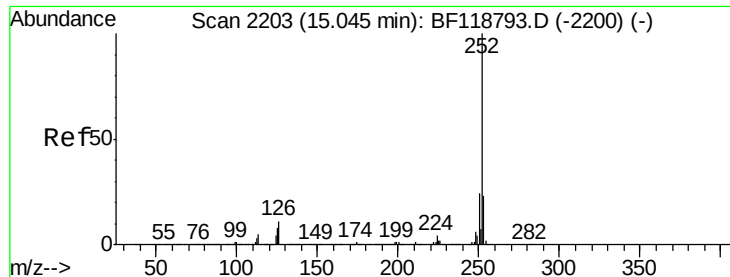


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 94.664 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.03 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

TP9-EP1-2.5

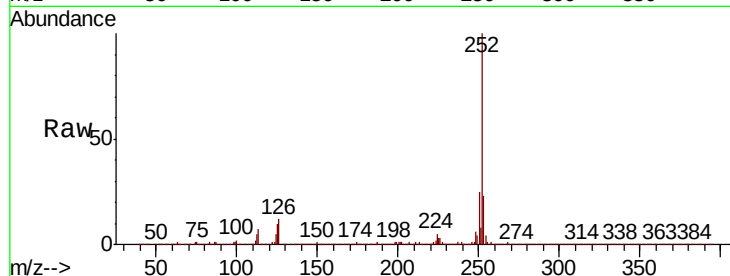
Tot Ion:252 Resp: 2946222

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

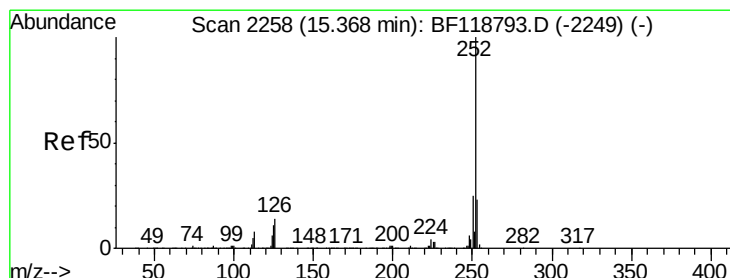
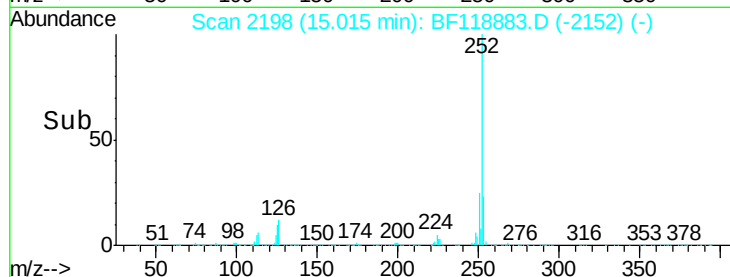
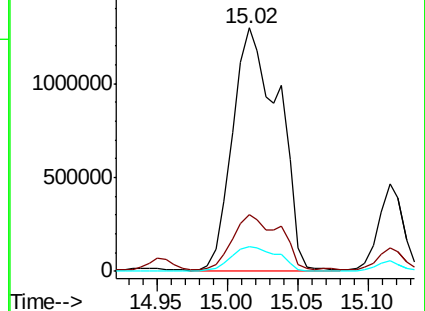
125 10.4 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 58.252 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

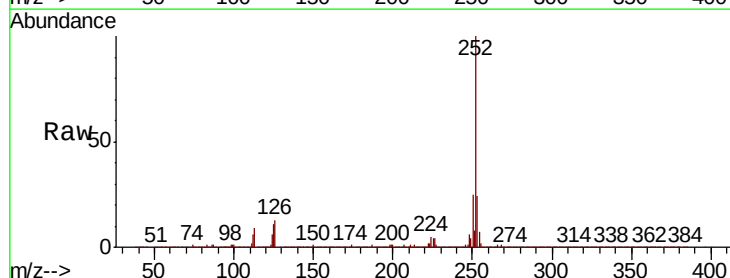
Tgt Ion:252 Resp: 1781753

Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

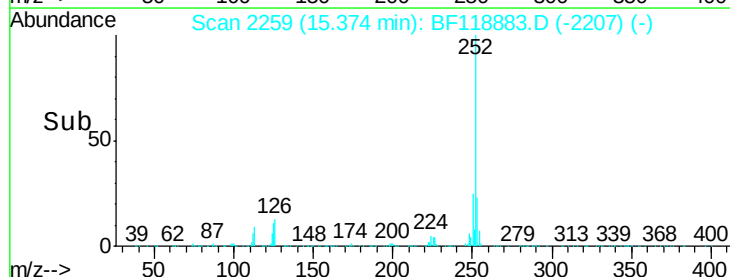
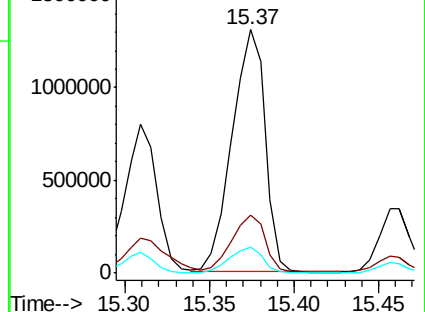
125 10.8 8.7 13.1

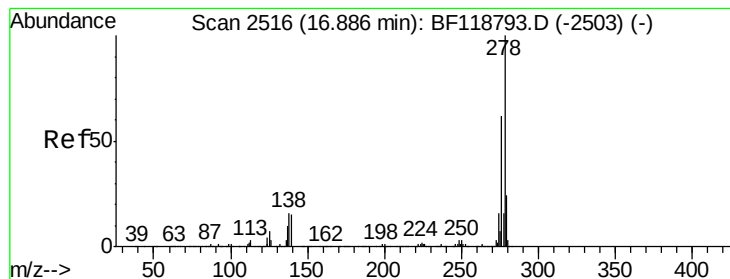


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 7.441 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.15 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

TP9-EP1-2.5

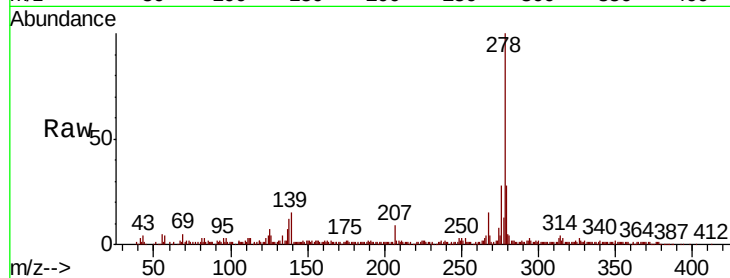
Tot Ion:278 Resp: 202035

Ion Ratio Lower Upper

278 100

139 15.0 12.3 18.5

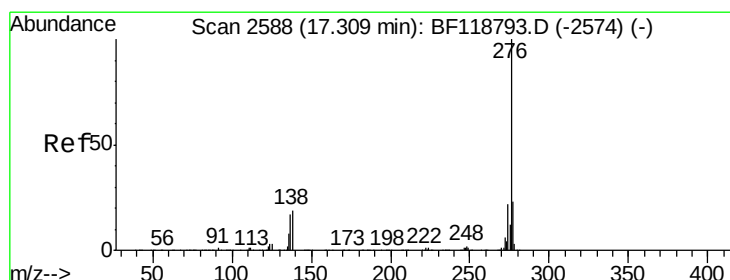
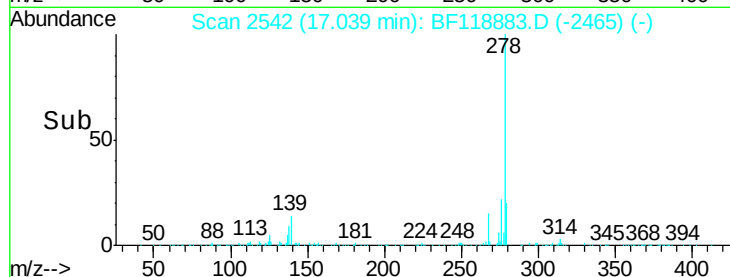
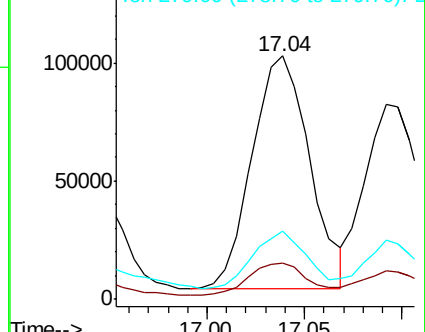
279 27.9 19.1 28.7



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: 26.663 ng

RT: 17.31 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BF118883.D

Acq: 10 Feb 2020 22:12

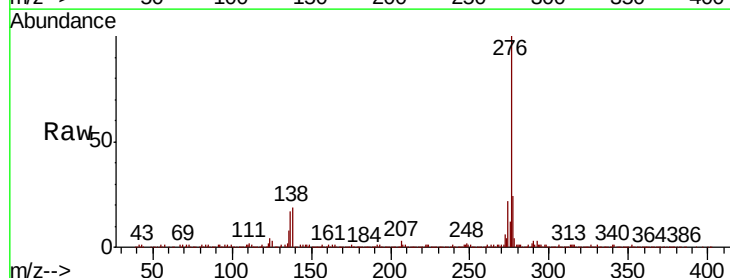
Tgt Ion:276 Resp: 696267

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 18.7 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

