

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
 Data File : BF101797.D
 Acq On : 28 Dec 2017 12:56
 Operator : SJ/JU
 Sample : I7064-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 13:29:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	157273	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	590553	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	239694	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	372183	20.00	ng	0.00
75) Chrysene-d12	13.96	240	281042	20.00	ng	0.00
86) Perylene-d12	15.44	264	312938	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1066009	100.96	ng	0.00
7) Phenol-d6	6.43	99	1272523	96.84	ng	0.00
23) Nitrobenzene-d5	7.36	82	792782	74.73	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	225835	97.78	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1110197	71.85	ng	0.00
78) Terphenyl-d14	12.89	244	707702	60.71	ng	0.00

Target Compounds

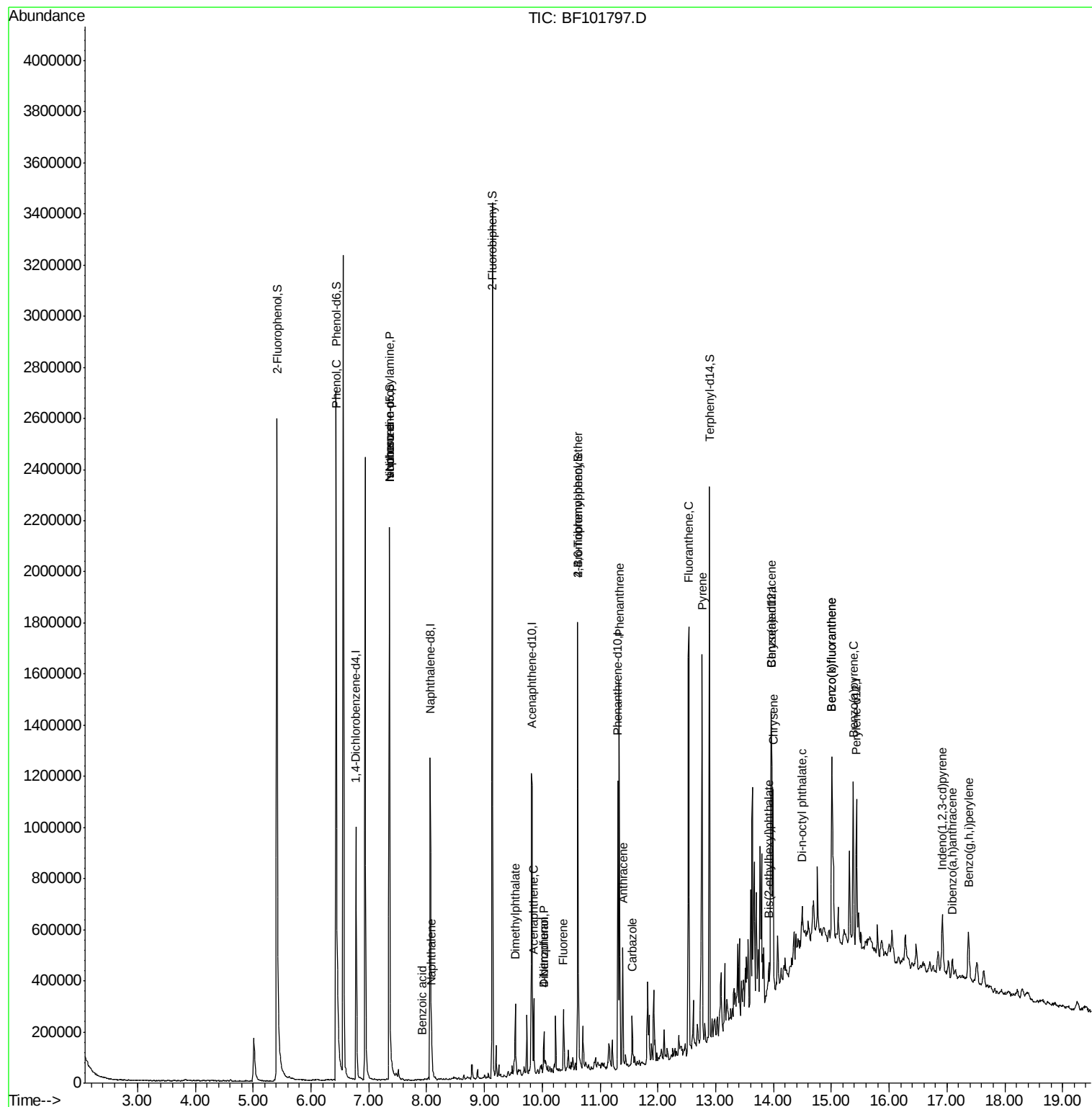
						Qvalue
10) Phenol	6.45	94	64377	4.298	ng	# 63
19) n-Nitroso-di-n-propylamine	7.36	70	103528	11.997	ng	# 82
25) Isophorone	7.36	82	792782	37.251	ng	# 64
31) Naphthalene	8.09	128	73247	2.464	ng	99
32) Benzoic acid	7.92	122	253	7.997	ng	94
49) Dimethylphthalate	9.53	163	105150	5.454	ng	98
51) Acenaphthene	9.85	154	59219	3.837	ng	99
54) Dibenzofuran	10.03	168	58080	2.961	ng	98
55) 4-Nitrophenol	10.03	139	21539	10.111	ng	# 13
57) Fluorene	10.37	166	70888	4.272	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	13976	3.342	ng	# 1
70) Phenanthrene	11.34	178	606596	29.307	ng	99
71) Anthracene	11.39	178	191374	9.052	ng	98
72) Carbazole	11.56	167	77721	3.926	ng	98
74) Fluoranthene	12.53	202	712459	32.794	ng	97
77) Pyrene	12.76	202	629540	29.847	ng	100
80) Benzo(a)anthracene	13.96	228	328151	17.683	ng	98
82) Chrysene	13.99	228	285297	16.282	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	77619	6.421	ng	# 59
84) Di-n-octyl phthalate	14.50	149	46625	2.163	ng	# 2
85) Indeno(1,2,3-cd)pyrene	16.92	276	168803	10.819	ng	# 92
87) Benzo(b)fluoranthene	15.01	252	518463	27.181	ng	96
88) Benzo(k)fluoranthene	15.01	252	518463	27.956	ng	99
89) Benzo(a)pyrene	15.38	252	294199	16.731	ng	98
90) Dibenzo(a,h)anthracene	17.09	278	30741	2.036	ng	95
91) Benzo(g,h,i)perylene	17.37	276	155728	10.417	ng	95

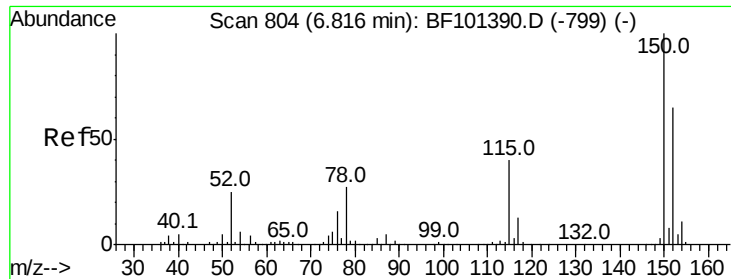
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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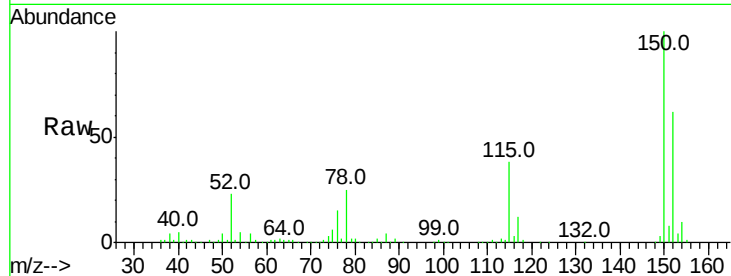


#1

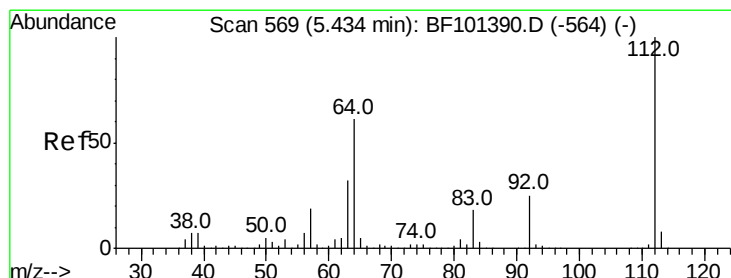
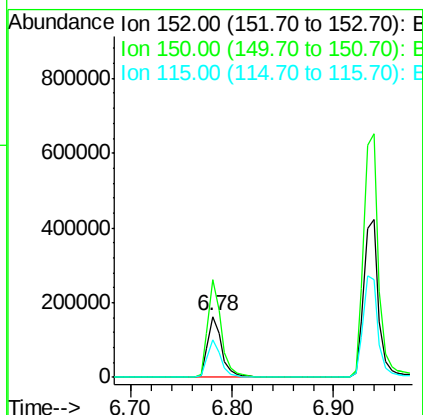
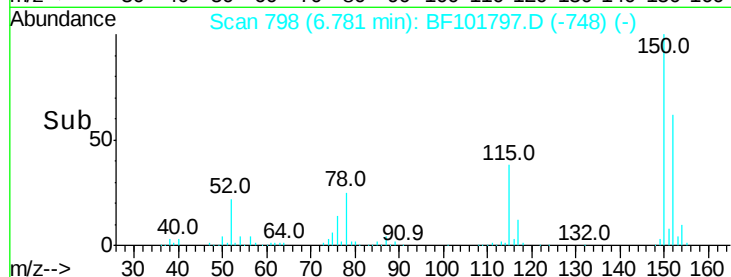
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101797.D
Acq: 28 Dec 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157273
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 61.1 50.1 75.1



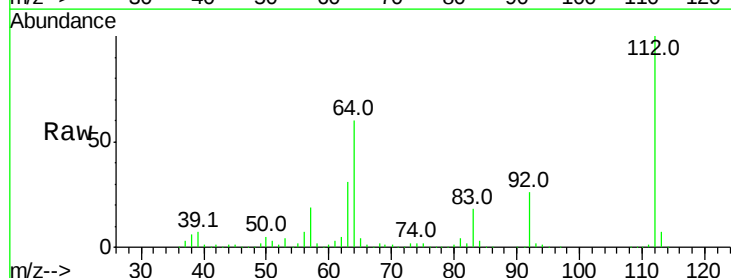
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



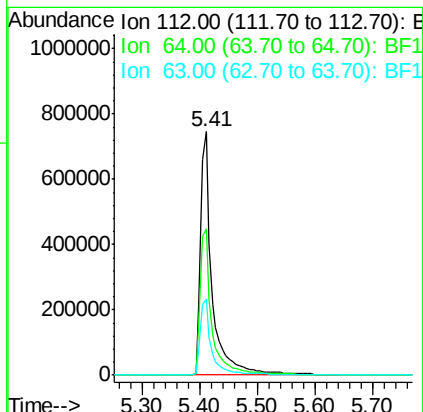
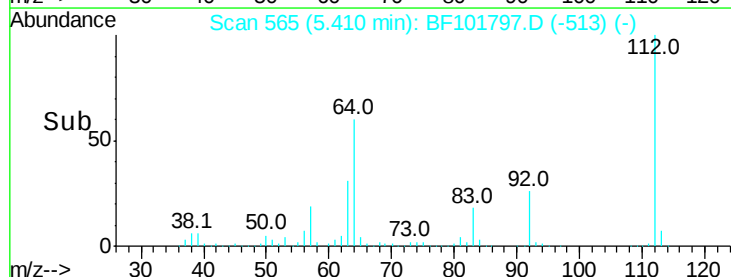
#5

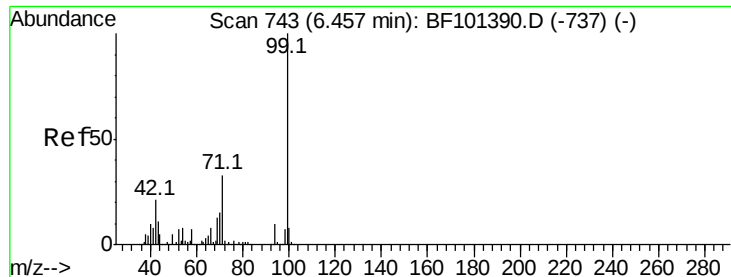
2-Fluorophenol
Concen: 100.965 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101797.D
Acq: 28 Dec 2017 12:56

Tgt Ion:112 Resp: 1066009
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 31.2 23.7 35.5



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: 96.843 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampleId :

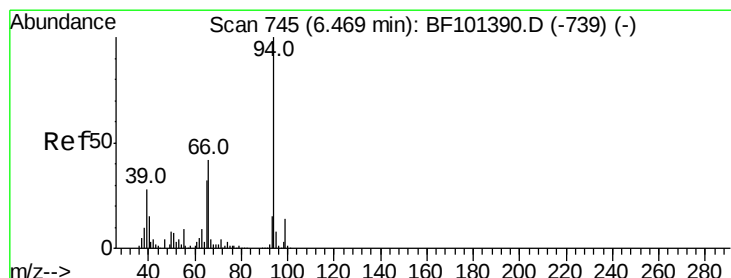
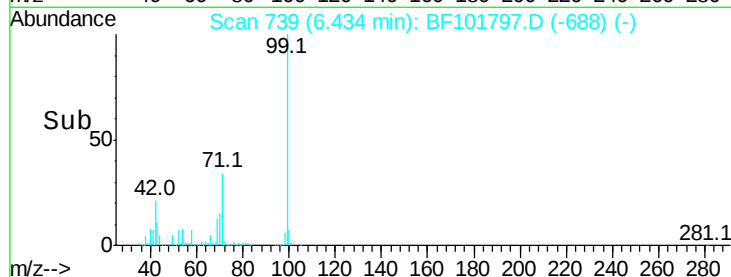
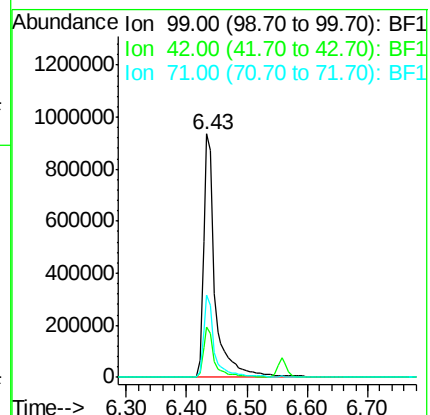
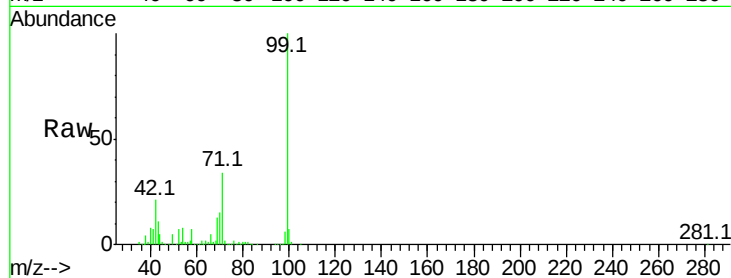
Tot Ion: 99 Resp: 1272523

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 34.1 25.4 38.0



#10

Phenol

Concen: 4.298 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

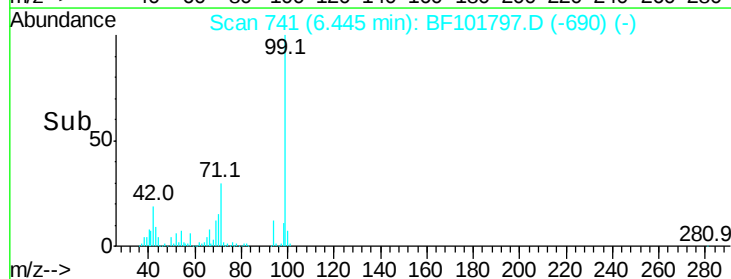
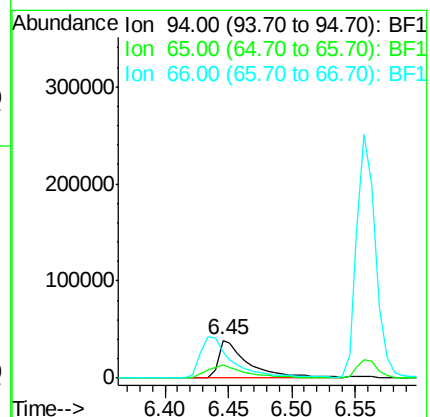
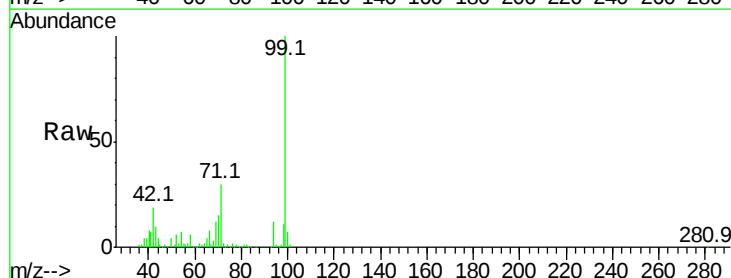
Tgt Ion: 94 Resp: 64377

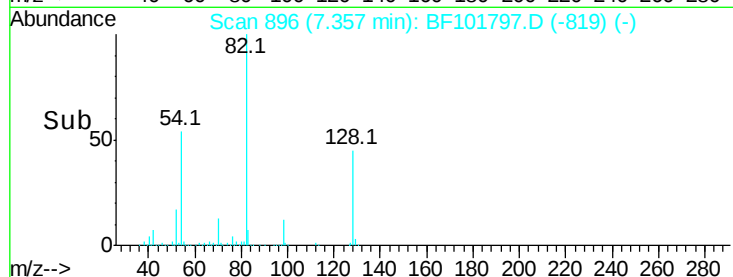
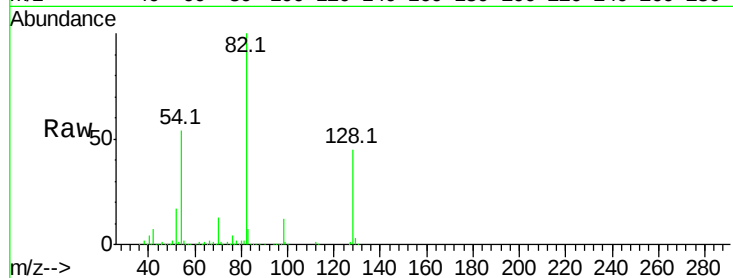
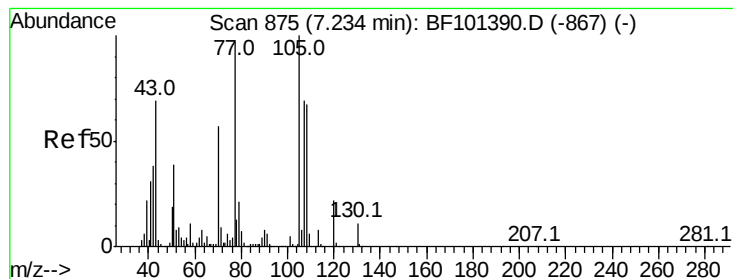
Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

66 68.9 16.2 56.2#





#19

n-Nitroso-di-n-propylamine

Concen: 11.997 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 103528

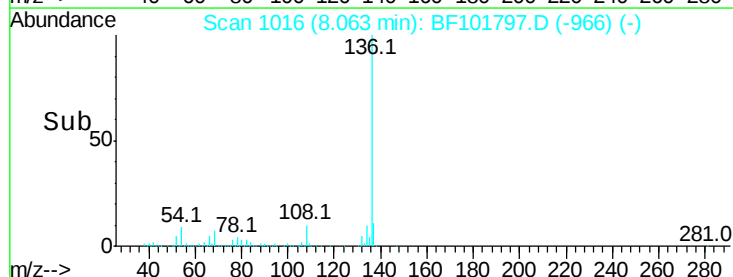
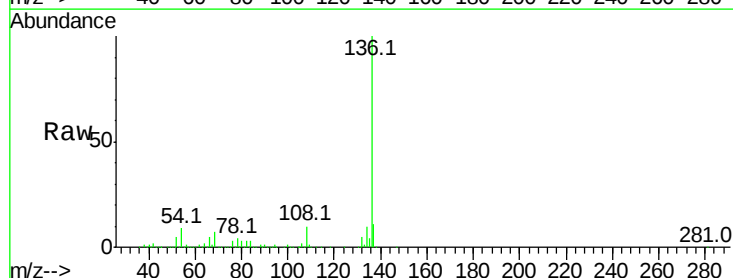
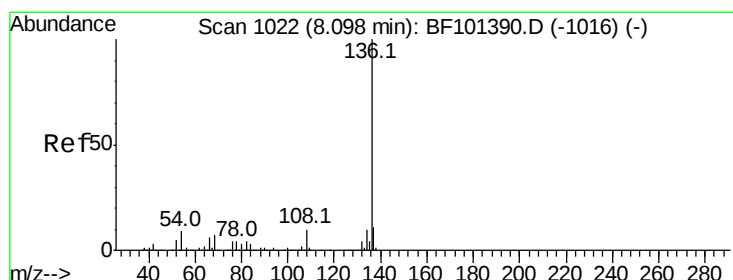
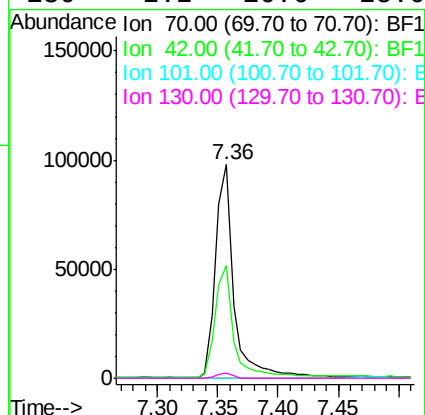
Ion Ratio Lower Upper

70 100

42 52.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Tgt Ion: 136 Resp: 590553

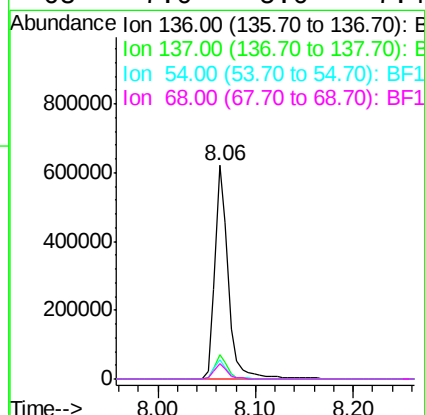
Ion Ratio Lower Upper

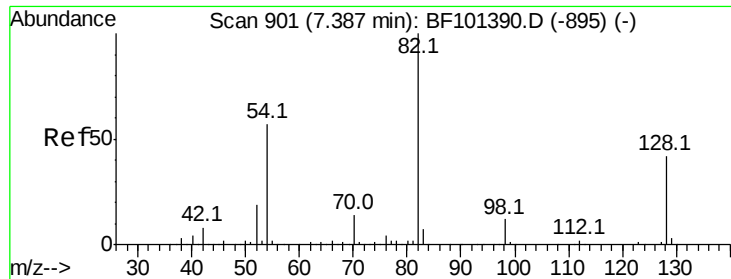
136 100

137 11.1 8.9 13.3

54 9.2 6.6 9.8

68 7.0 5.0 7.4

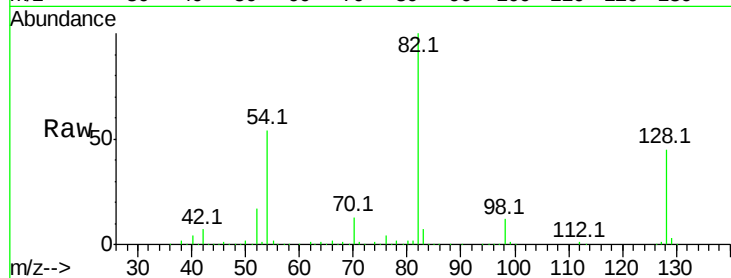




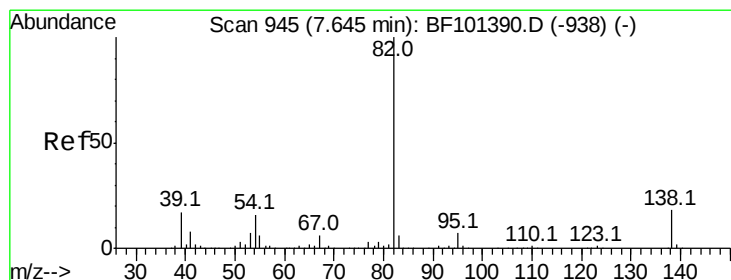
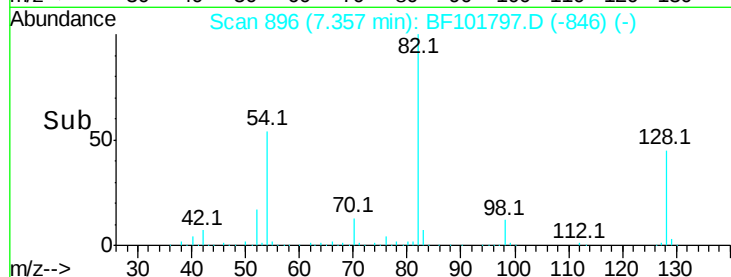
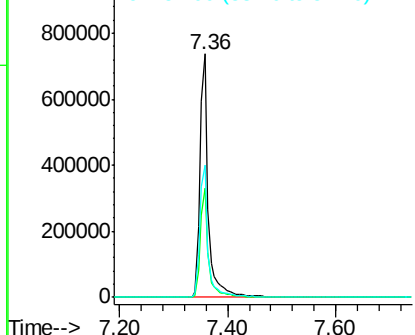
#23
 Nitrobenzene-d5
 Concen: 74.728 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF101797.D
 Acq: 28 Dec 2017 12:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	792782
Ion Ratio	100	Lower	Upper
128	45.0	36.1	54.1
54	54.3	41.4	62.2

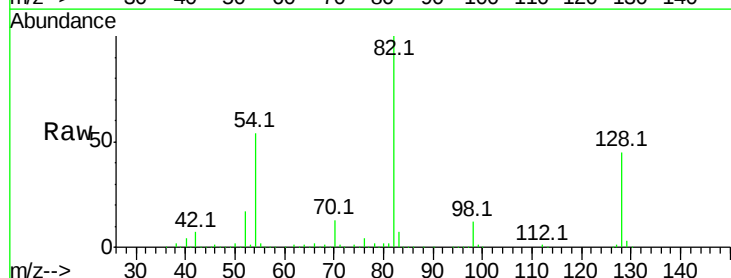


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

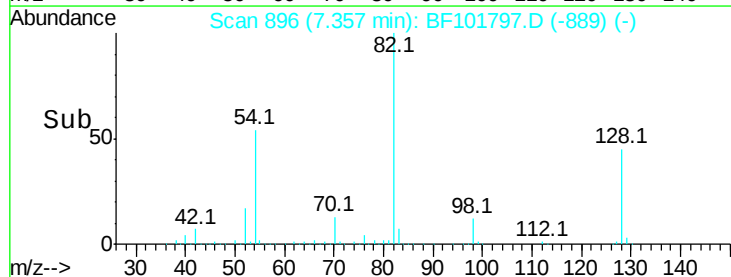
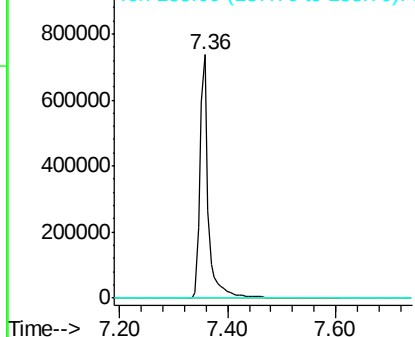


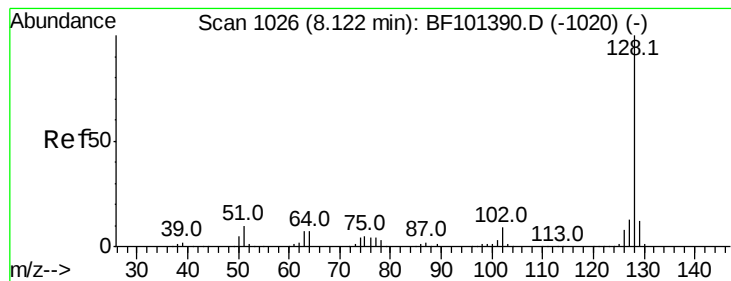
#25
 Isophorone
 Concen: 37.251 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF101797.D
 Acq: 28 Dec 2017 12:56

Tgt Ion	82	Resp	792782
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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: 2.464 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampleId :

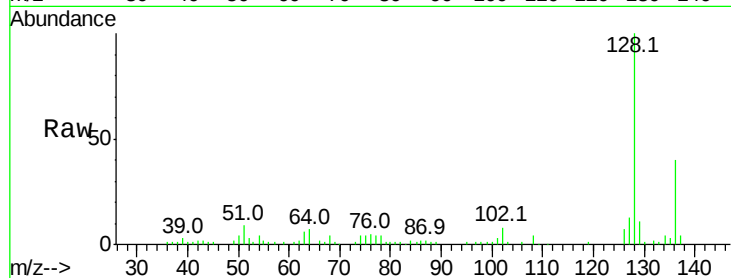
Tot Ion:128 Resp: 73247

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

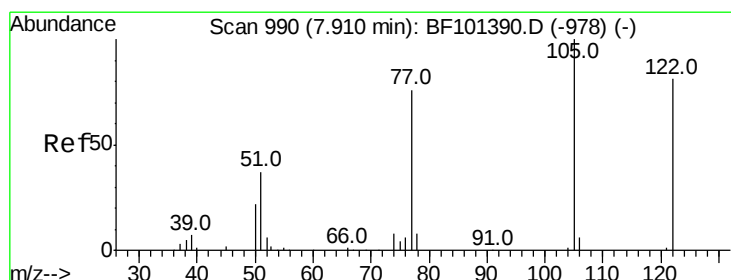
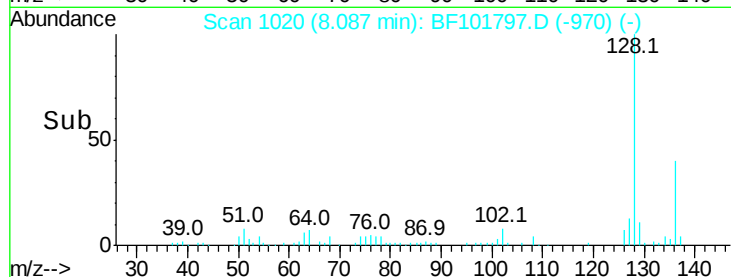
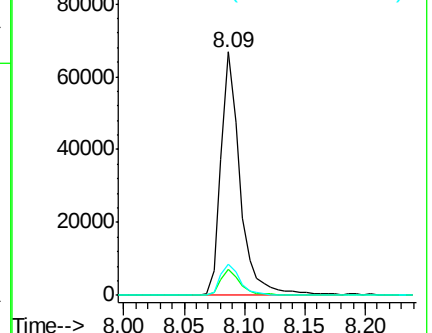
127 13.0 10.9 16.3



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: 7.997 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.02 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

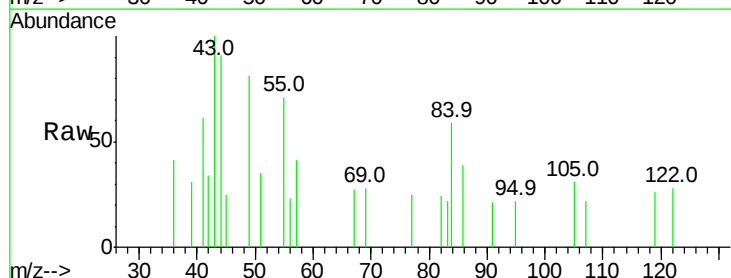
Tgt Ion:122 Resp: 253

Ion Ratio Lower Upper

122 100

105 110.3 101.1 141.1

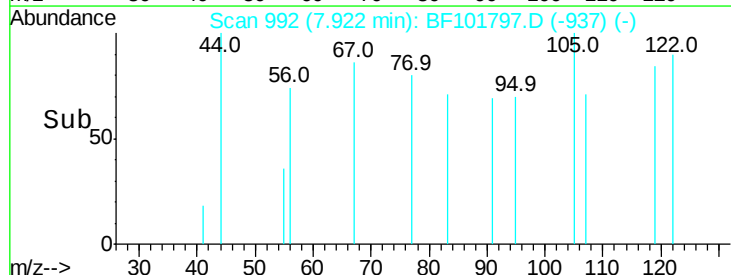
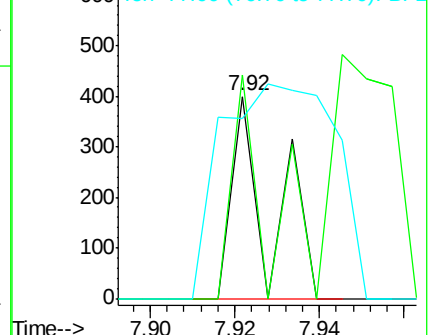
77 88.8 70.7 110.7

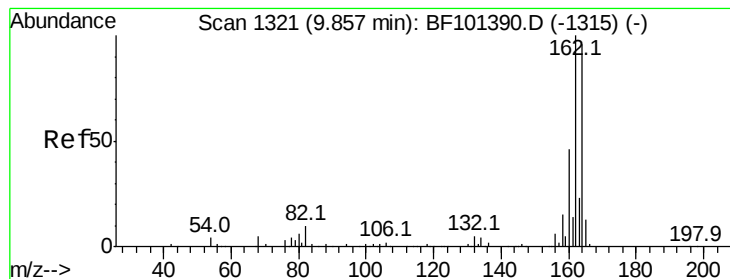


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampleId :

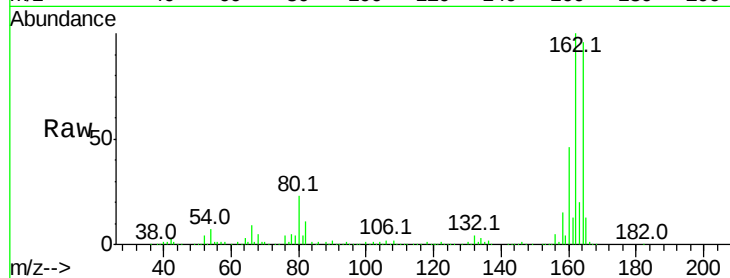
Tot Ion:164 Resp: 239694

Ion Ratio Lower Upper

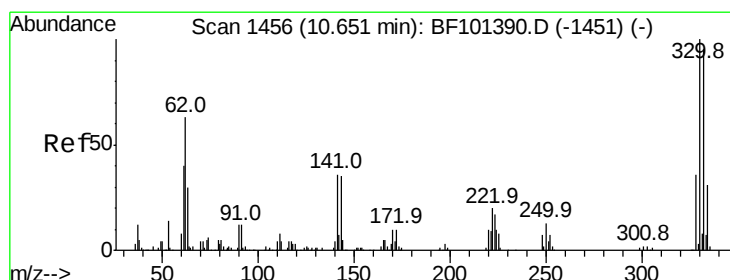
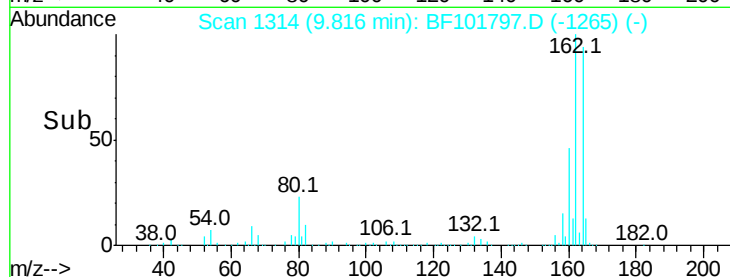
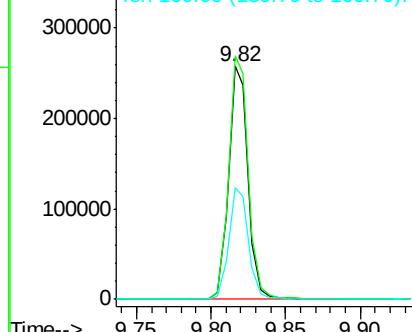
164 100

162 104.4 86.1 129.1

160 48.0 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 97.779 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

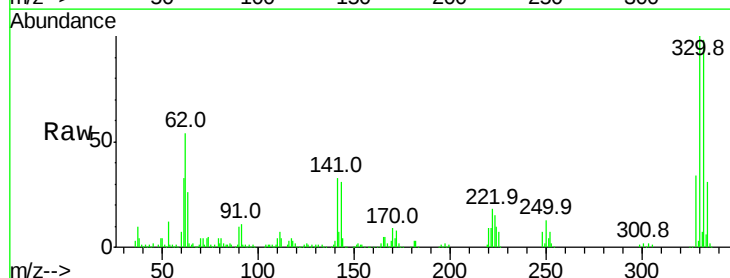
Tgt Ion:330 Resp: 225835

Ion Ratio Lower Upper

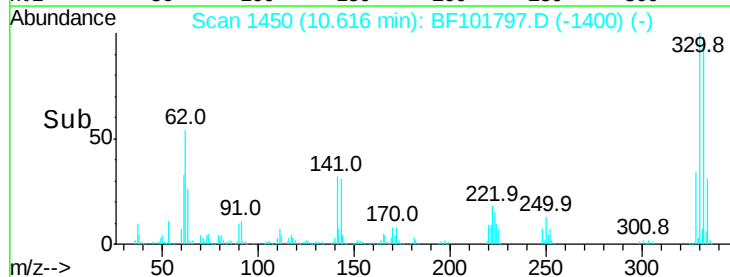
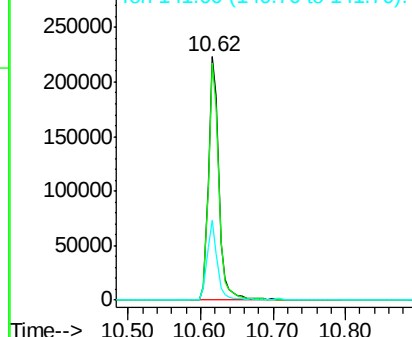
330 100

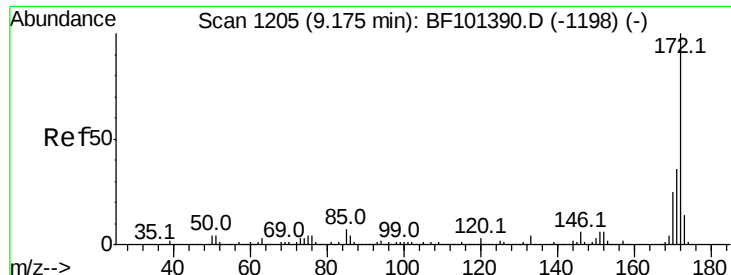
332 96.0 77.0 115.6

141 31.9 29.9 44.9



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



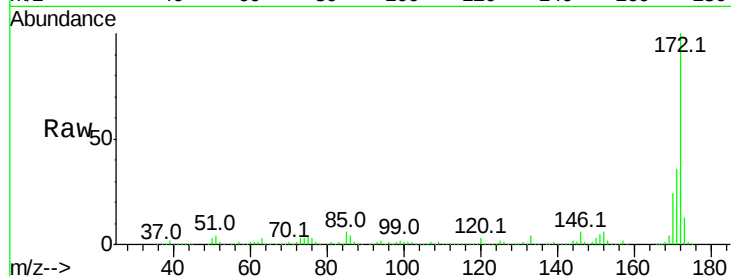


#44
 2-Fluorobiphenyl
 Concen: 71.849 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101797.D
 Acq: 28 Dec 2017 12:56

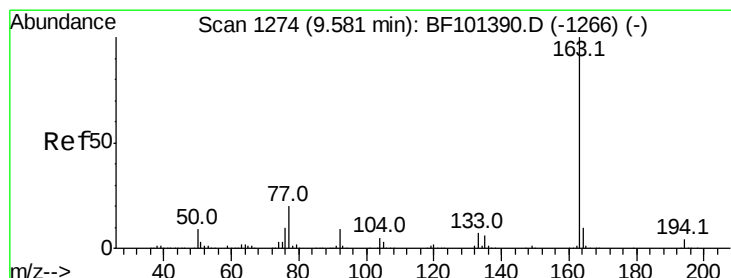
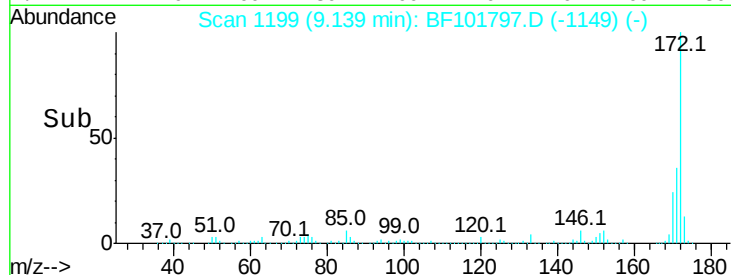
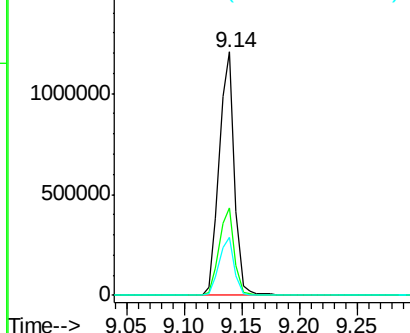
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1110197

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4



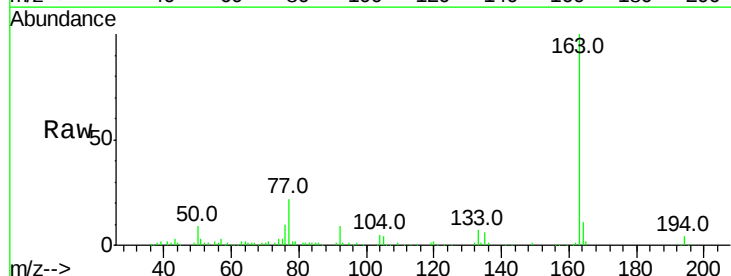
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



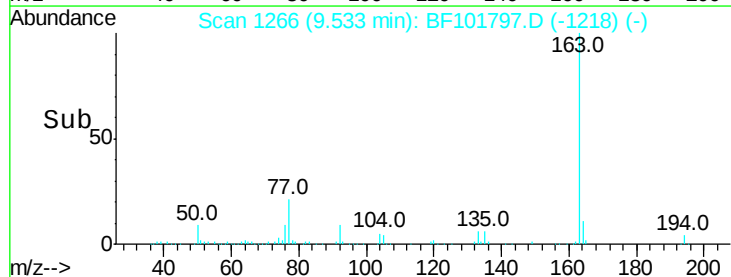
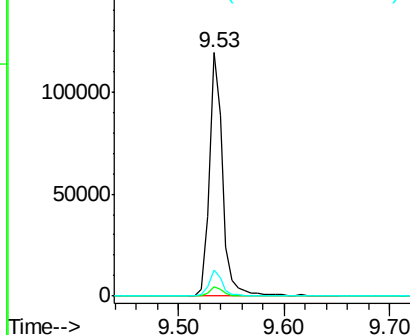
#49
 Dimethylphthalate
 Concen: 5.454 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF101797.D
 Acq: 28 Dec 2017 12:56

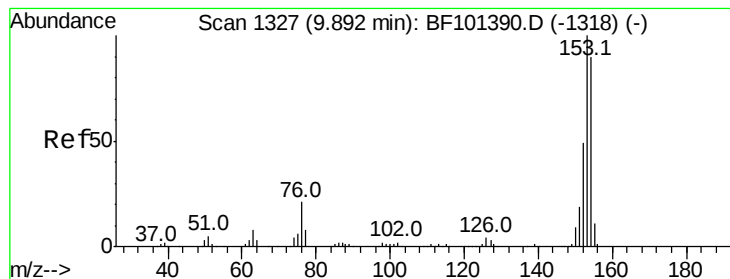
Tgt Ion:163 Resp: 105150

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.9	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.837 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampled :

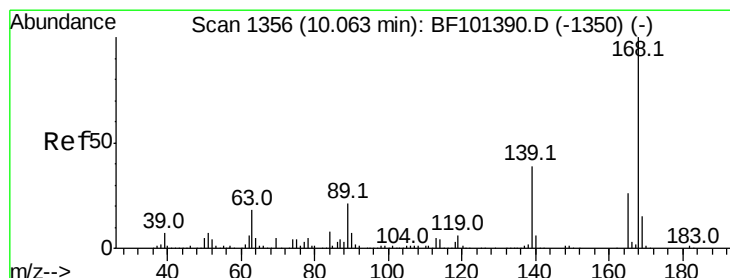
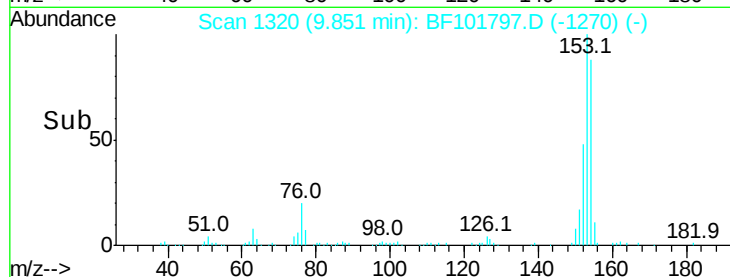
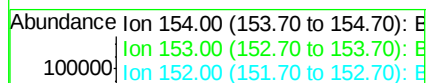
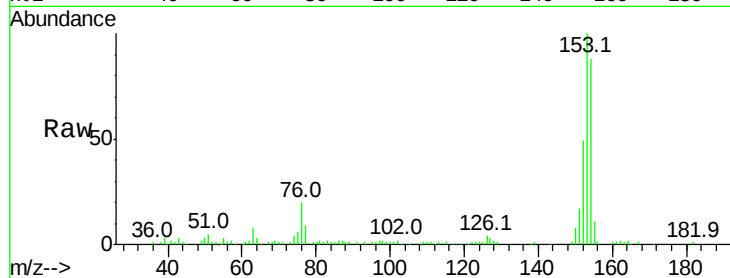
Tot Ion:154 Resp: 59219

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

152 55.1 43.8 65.8



#54

Dibenzofuran

Concen: 2.961 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

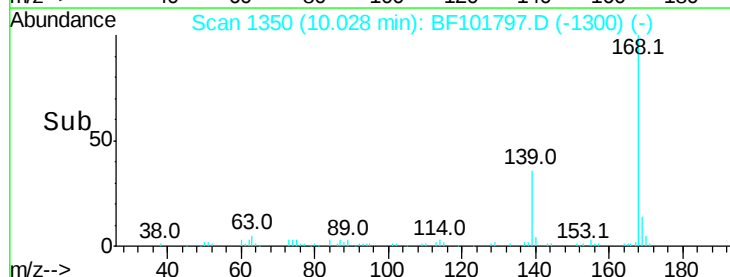
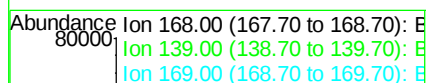
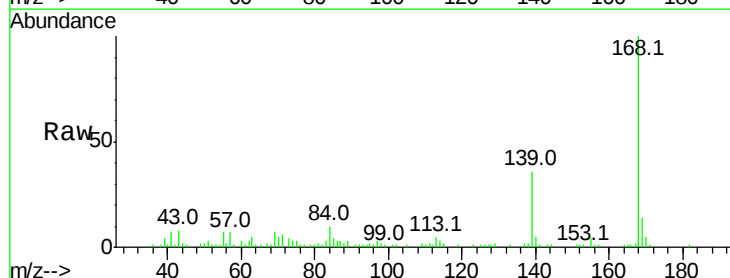
Tgt Ion:168 Resp: 58080

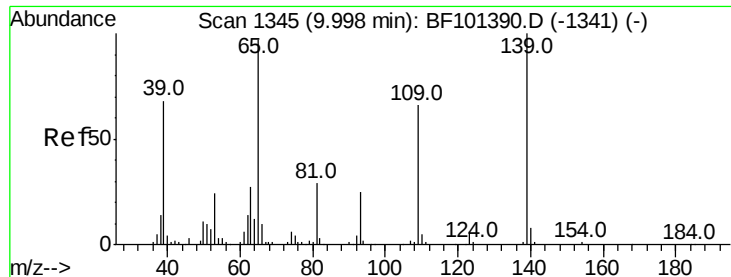
Ion Ratio Lower Upper

168 100

139 36.2 30.1 45.1

169 14.4 10.9 16.3





#55

4-Nitrophenol

Concen: 10.111 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.04 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampleId :

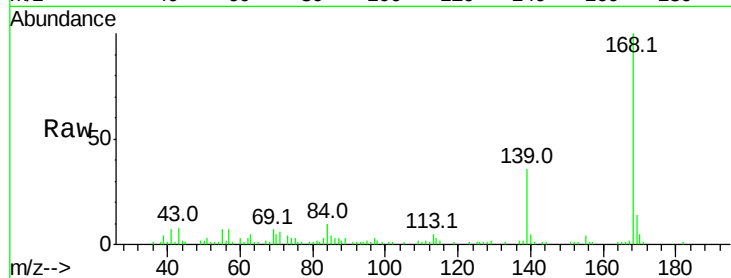
Tot Ion:139 Resp: 21539

Ion Ratio Lower Upper

139 100

109 4.7 48.4 88.4#

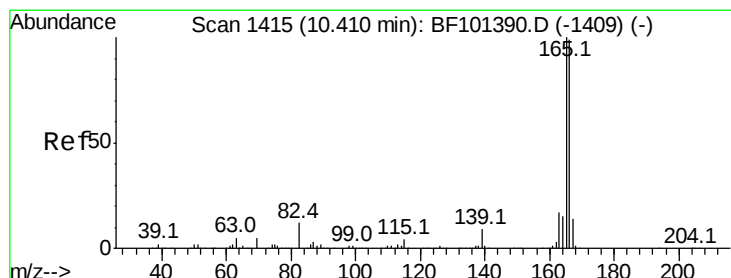
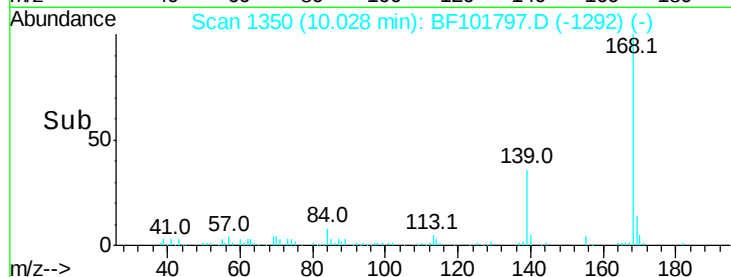
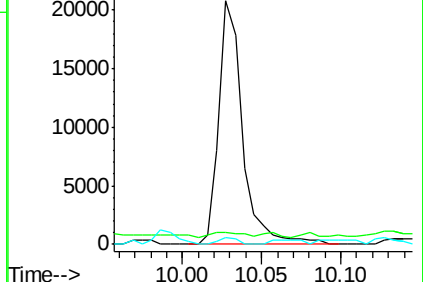
65 2.8 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

Fluorene

Concen: 4.272 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

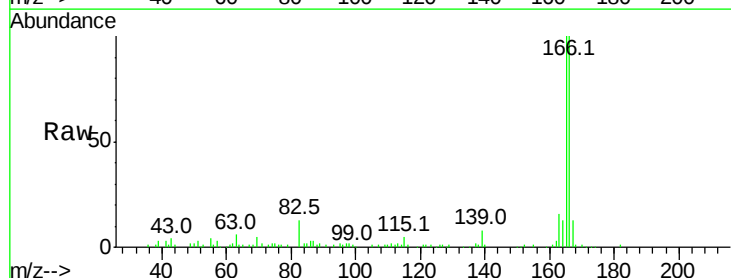
Tgt Ion:166 Resp: 70888

Ion Ratio Lower Upper

166 100

165 100.4 79.8 119.8

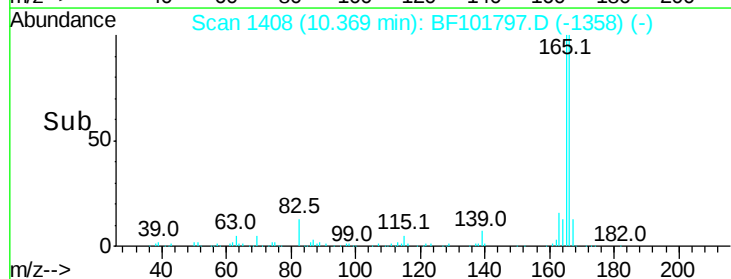
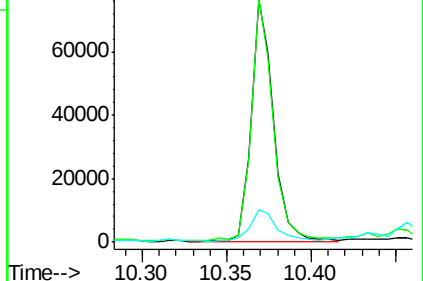
167 13.3 10.6 16.0

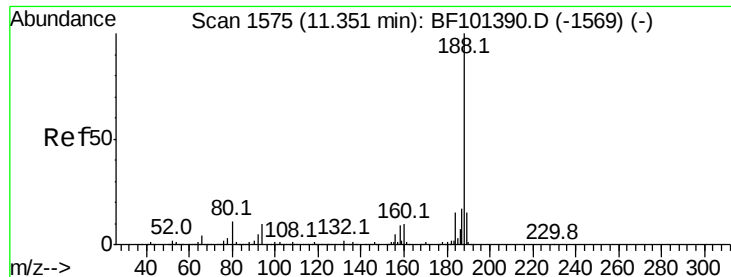


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

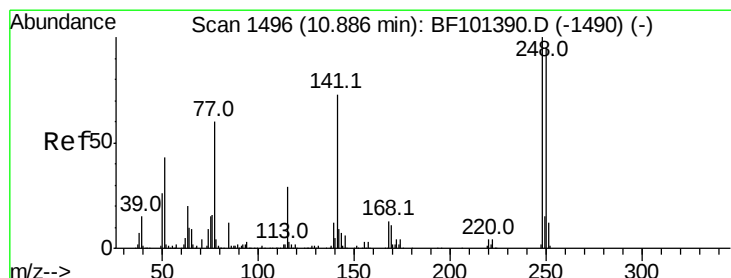
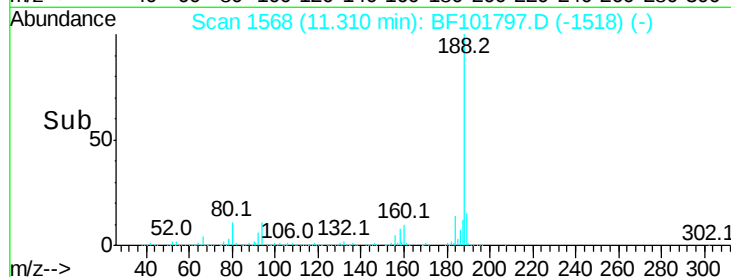
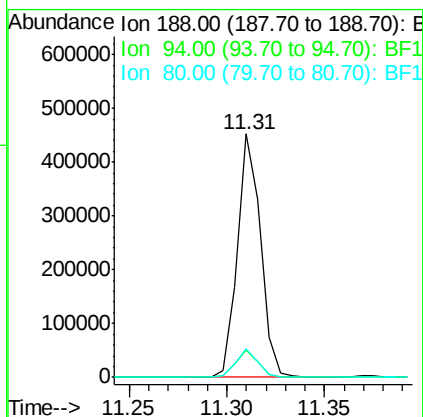
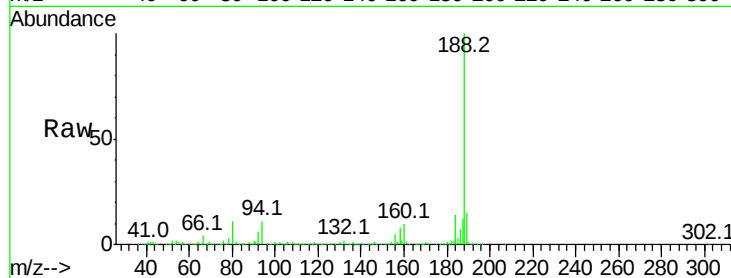




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF101797.D
Acq: 28 Dec 2017 12:56

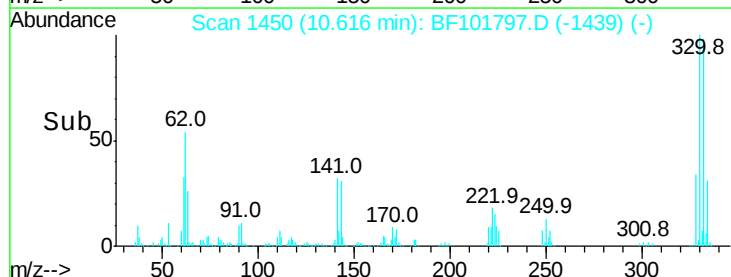
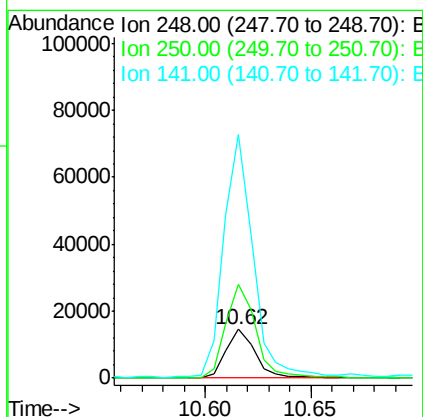
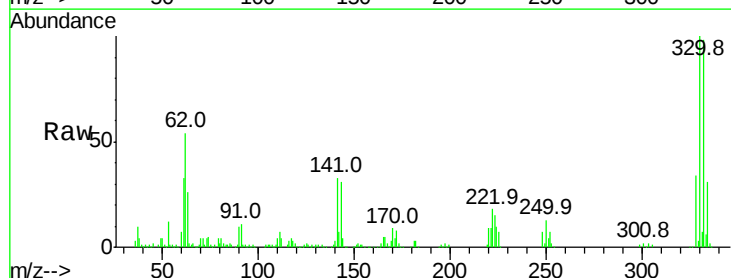
Instrument :
BNA_F
ClientSampleId :

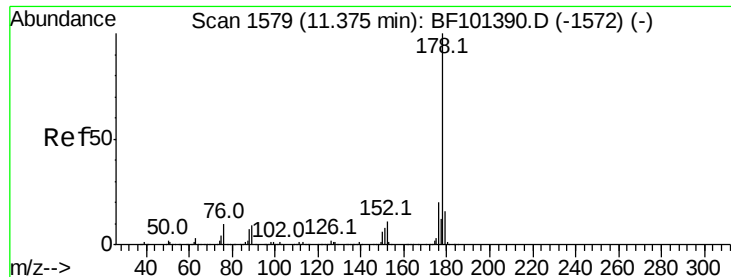
Tot Ion:188 Resp: 372183
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.342 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF101797.D
Acq: 28 Dec 2017 12:56

Tgt Ion:248 Resp: 13976
Ion Ratio Lower Upper
248 100
250 193.0 76.9 115.3#
141 498.6 74.4 111.6#

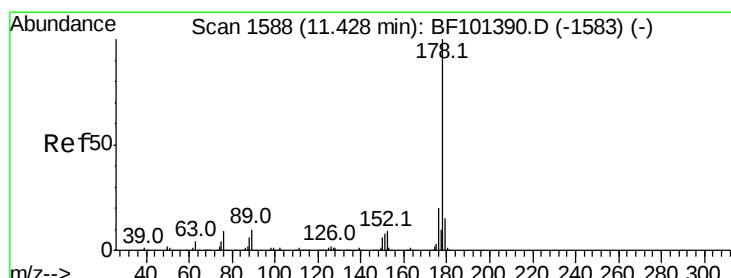
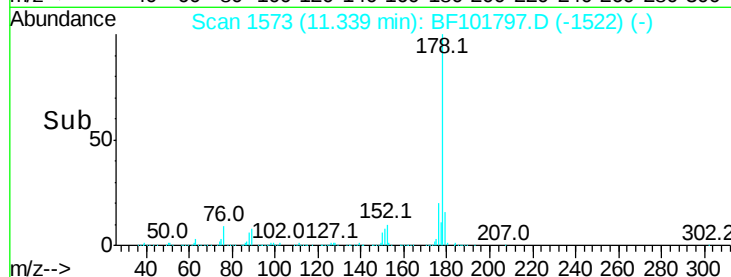
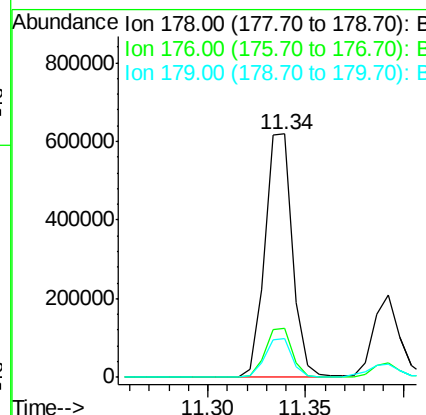
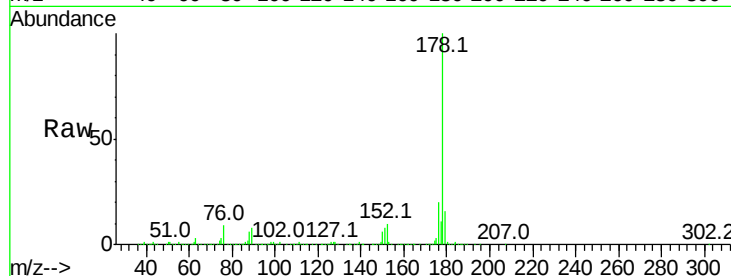




#70
Phenanthrene
Concen: 29.307 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101797.D
Acq: 28 Dec 2017 12:56

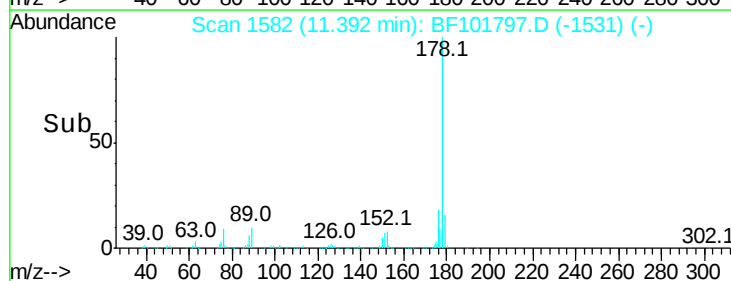
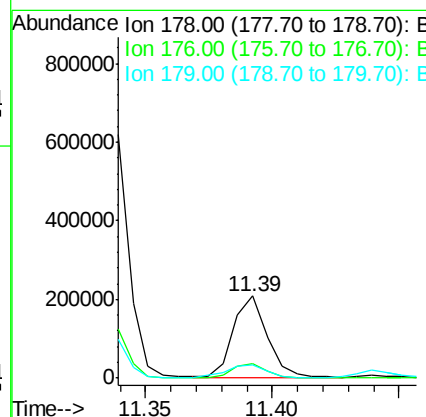
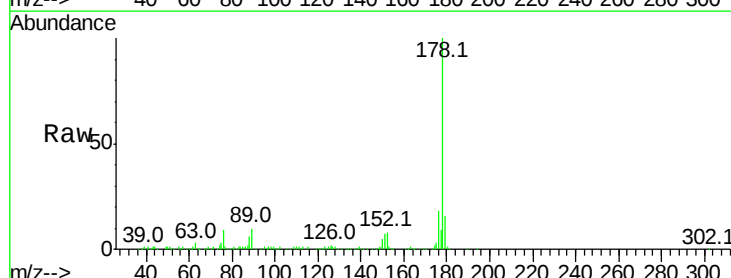
Instrument :
BNA_F
ClientSampleId :

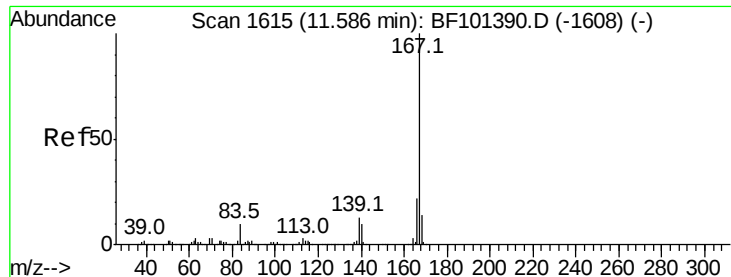
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	13.0	19.6



#71
Anthracene
Concen: 9.052 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF101797.D
Acq: 28 Dec 2017 12:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	16.1	12.6	19.0





#72

Carbazole

Concen: 3.926 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampleId :

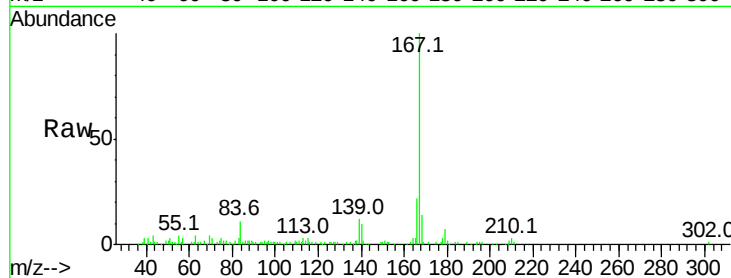
Tot Ion:167 Resp: 77721

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

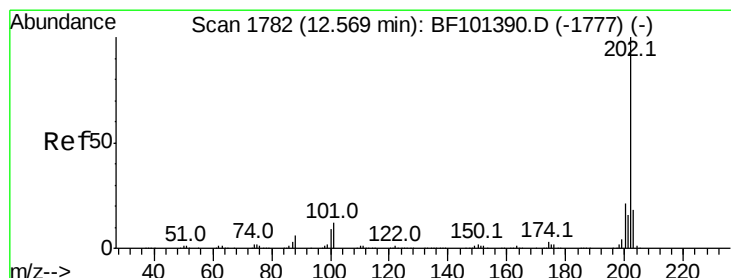
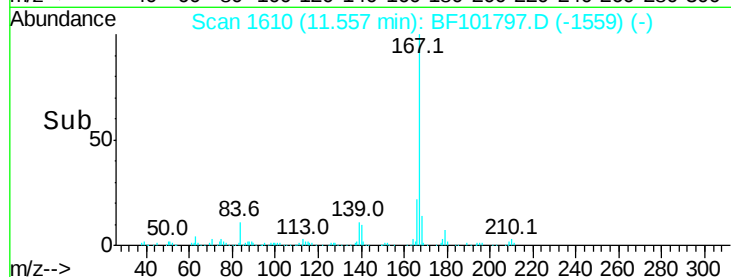
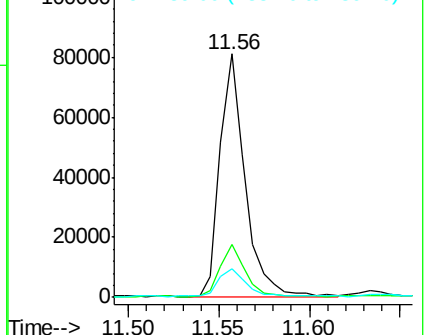
139 11.8 10.9 16.3



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



#74

Fluoranthene

Concen: 32.794 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

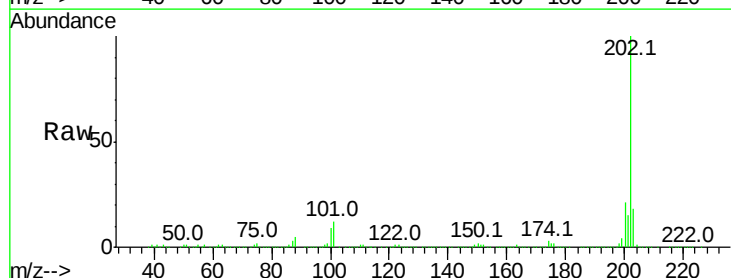
Tgt Ion:202 Resp: 712459

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

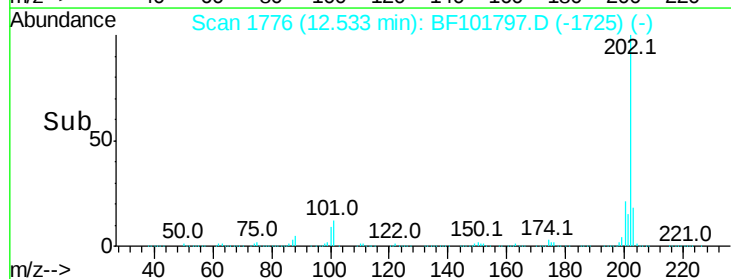
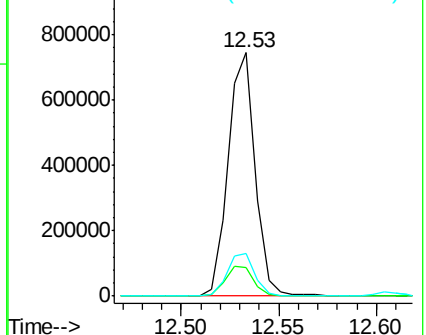
203 17.5 0.0 38.1

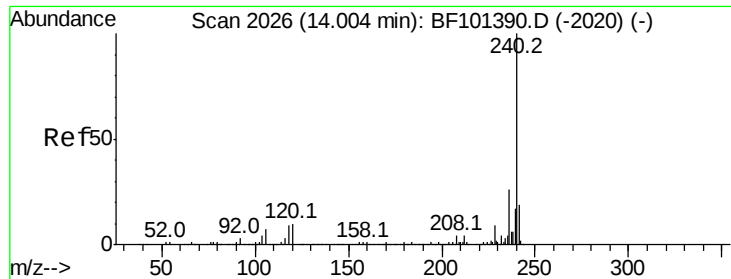


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampleId :

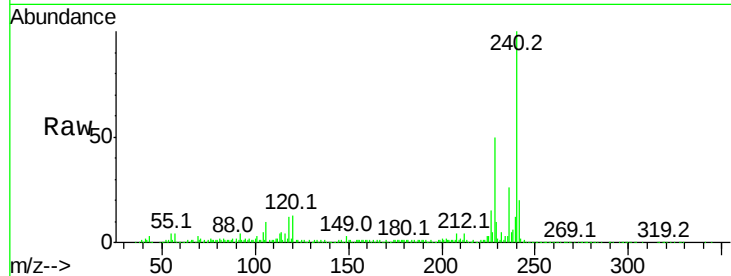
Tot Ion:240 Resp: 281042

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

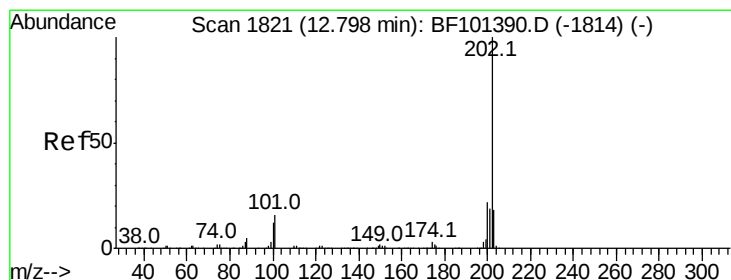
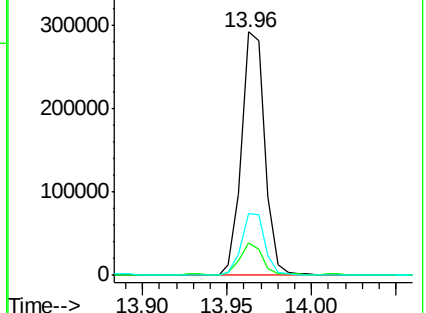
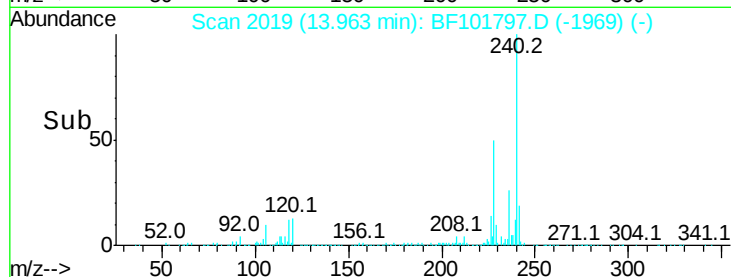
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 29.847 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

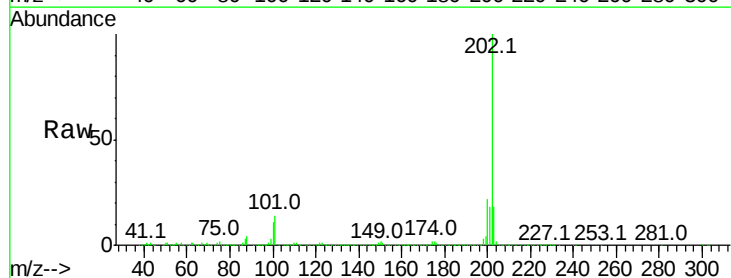
Tgt Ion:202 Resp: 629540

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

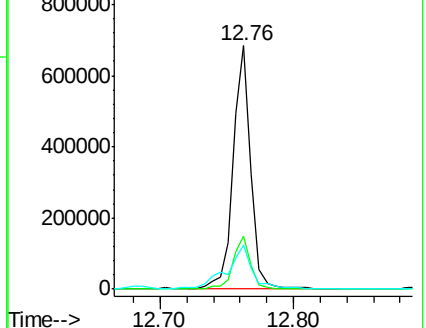
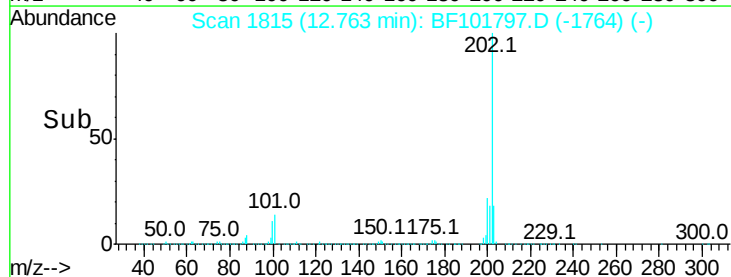
203 17.9 14.3 21.5

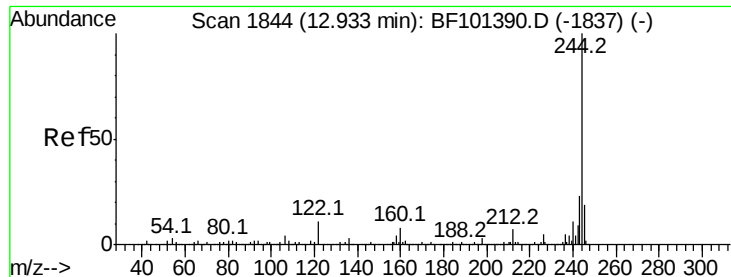


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.706 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampleId :

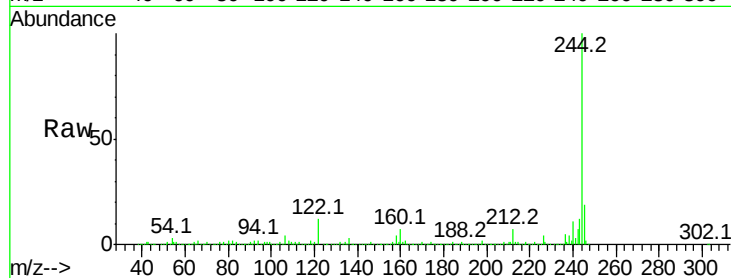
Tot Ion:244 Resp: 707702

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

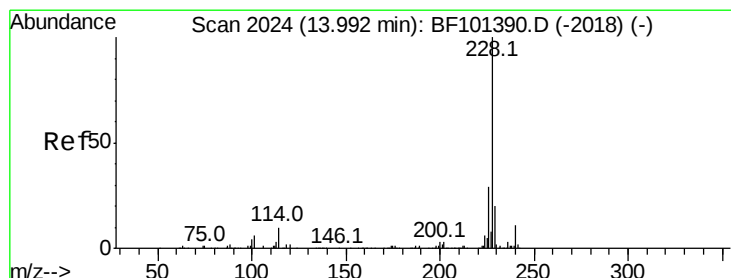
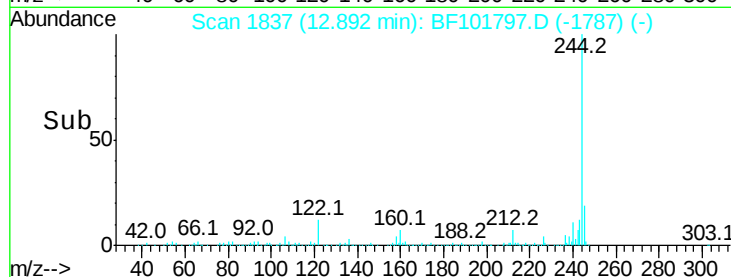
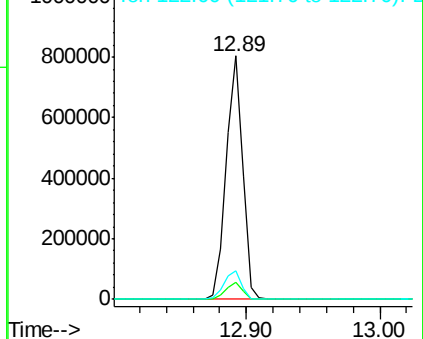
122 11.7 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 17.683 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

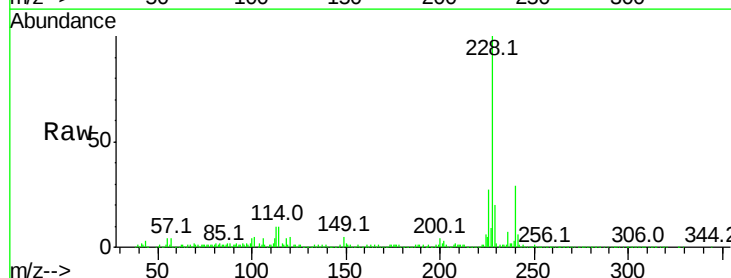
Tgt Ion:228 Resp: 328151

Ion Ratio Lower Upper

228 100

226 26.6 22.6 33.8

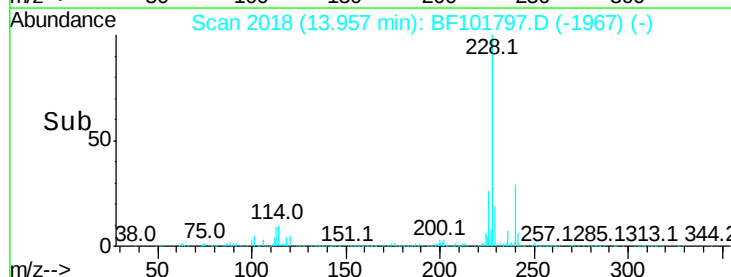
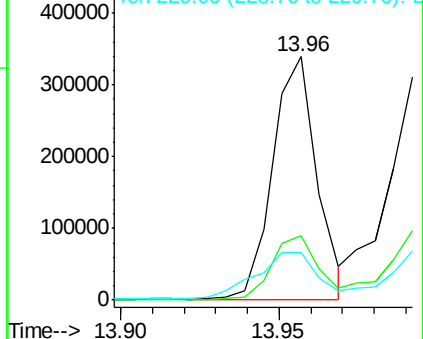
229 19.6 15.8 23.6

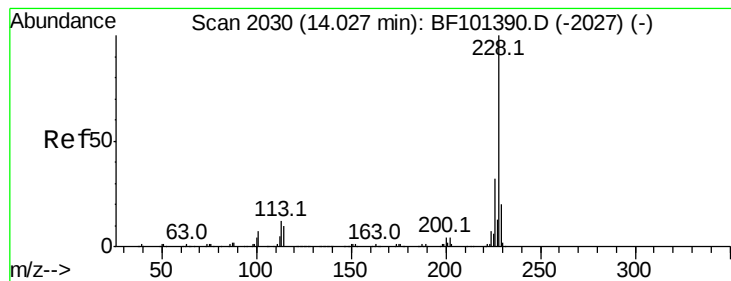


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 16.282 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampled :

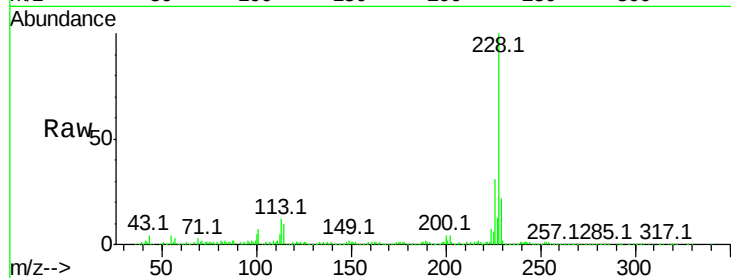
Tot Ion:228 Resp: 285297

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

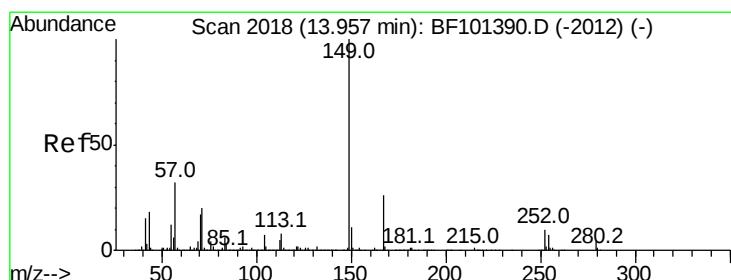
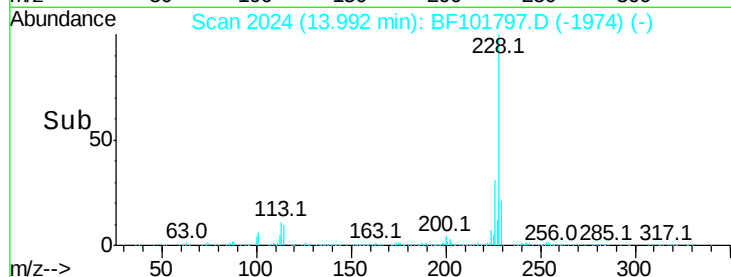
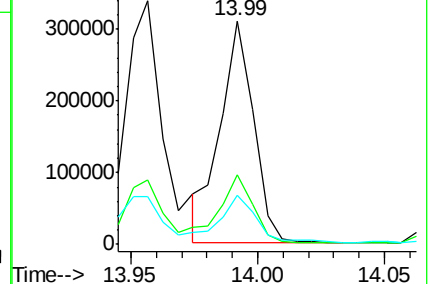
229 21.7 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.421 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

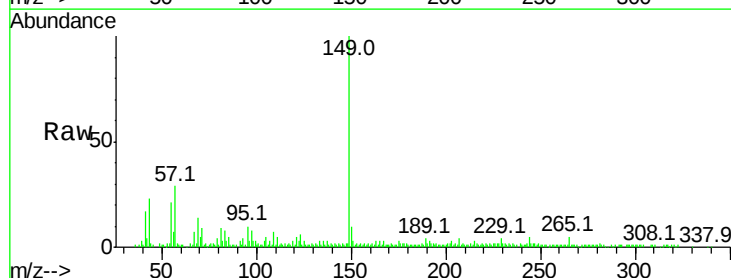
Tgt Ion:149 Resp: 77619

Ion Ratio Lower Upper

149 100

167 3.2 21.3 31.9#

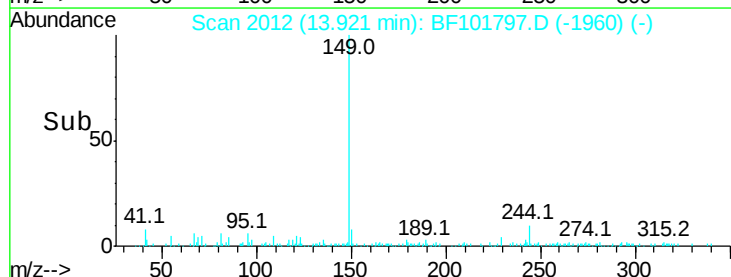
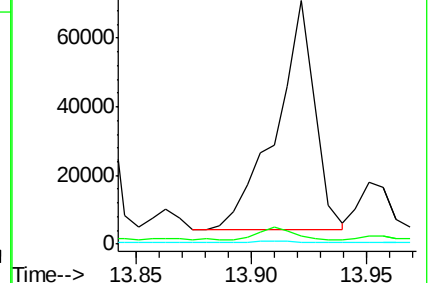
279 0.7 3.0 4.4#

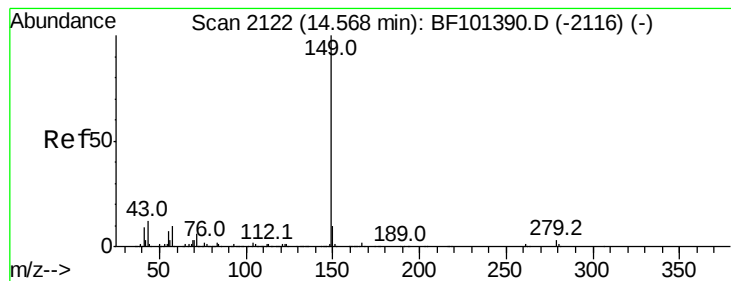


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.163 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.03 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampleId :

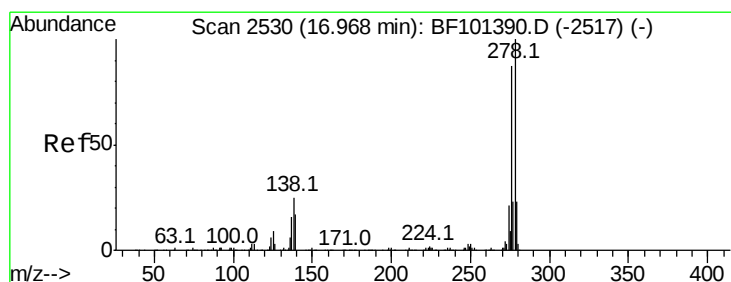
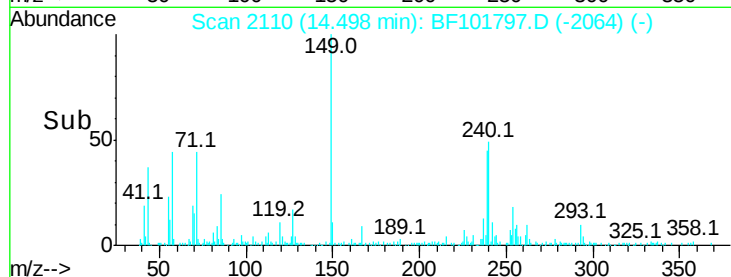
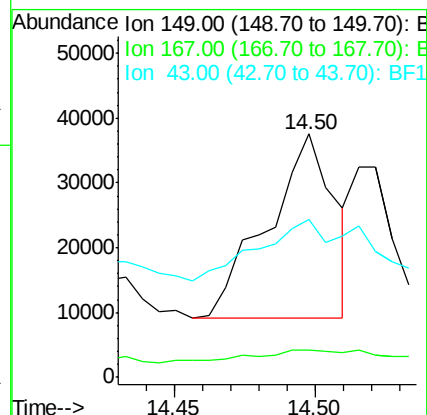
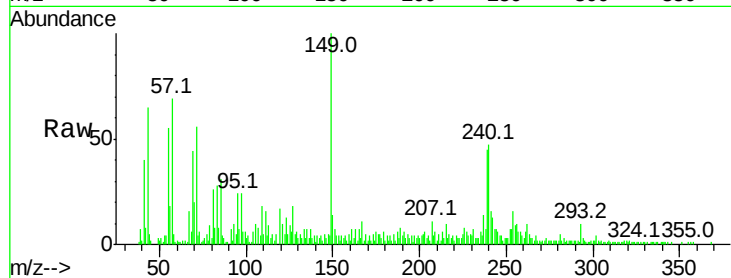
Tot Ion:149 Resp: 46625

Ion Ratio Lower Upper

149 100

167 13.0 1.2 1.8#

43 50.9 8.4 12.6#



#85

Indeno(1,2,3-cd)pyrene

Concen: 10.819 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

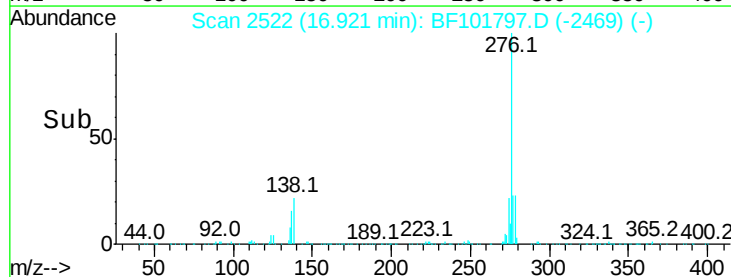
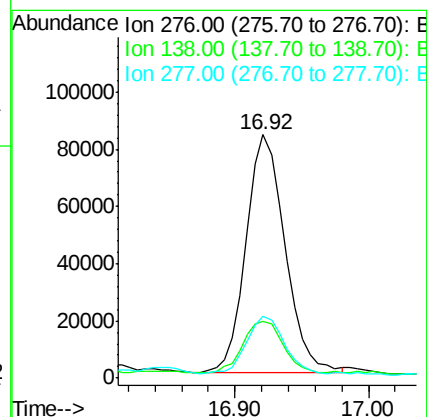
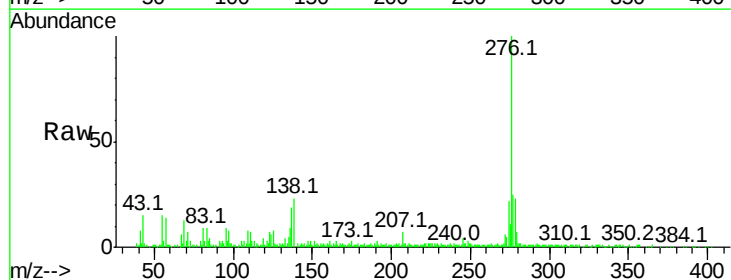
Tgt Ion:276 Resp: 168803

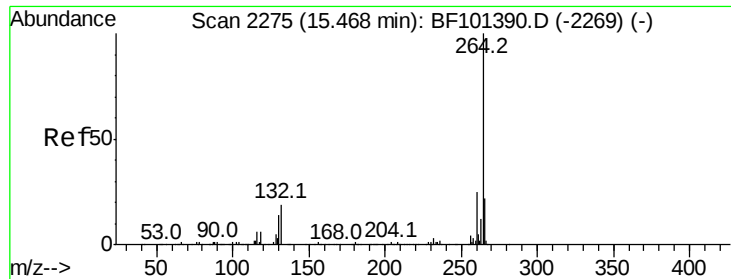
Ion Ratio Lower Upper

276 100

138 24.6 25.0 37.6#

277 23.3 20.1 30.1

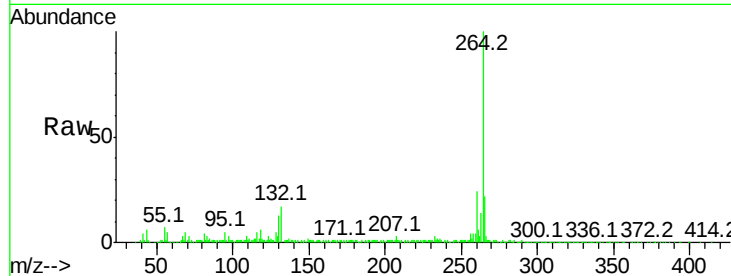




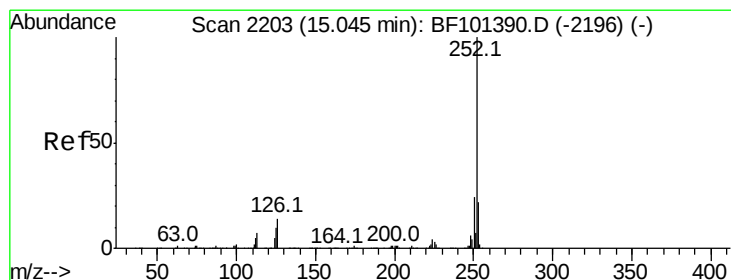
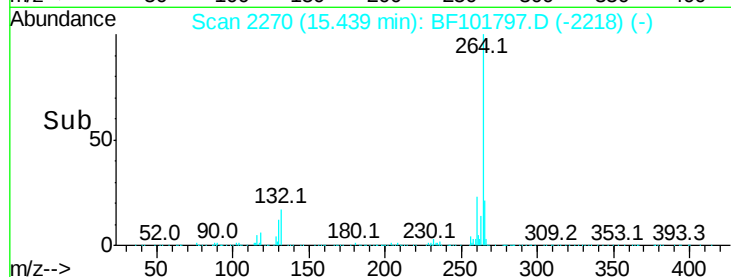
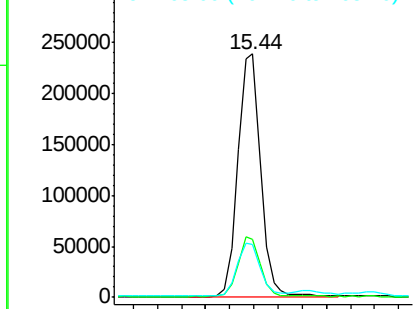
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101797.D
Acq: 28 Dec 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 312938
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.7 17.5 26.3

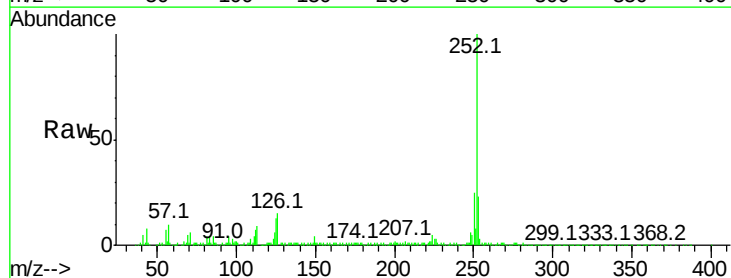


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

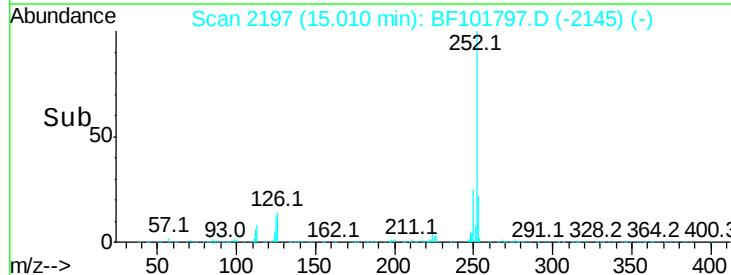
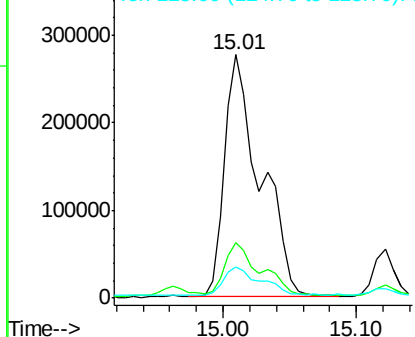


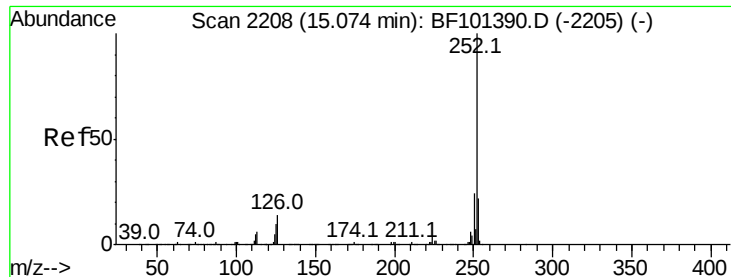
#87
Benzo(b)fluoranthene
Concen: 27.181 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101797.D
Acq: 28 Dec 2017 12:56

Tgt Ion:252 Resp: 518463
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 12.9 9.0 13.6



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

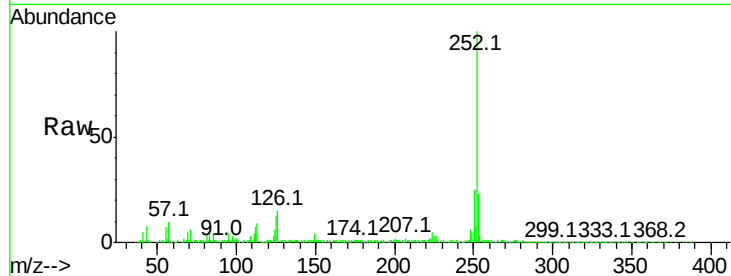




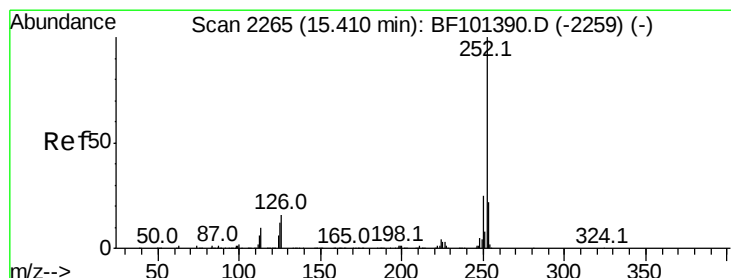
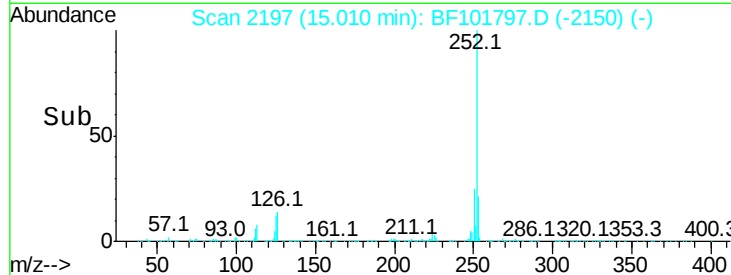
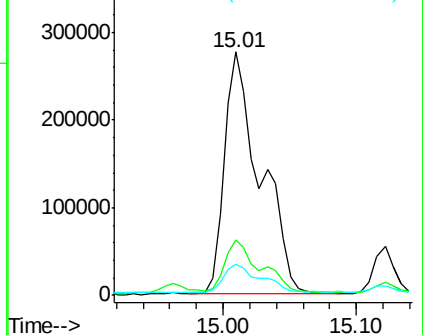
#88
Benzo(k)fluoranthene
Concen: 27.956 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF101797.D
Acq: 28 Dec 2017 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.9	10.2	15.2

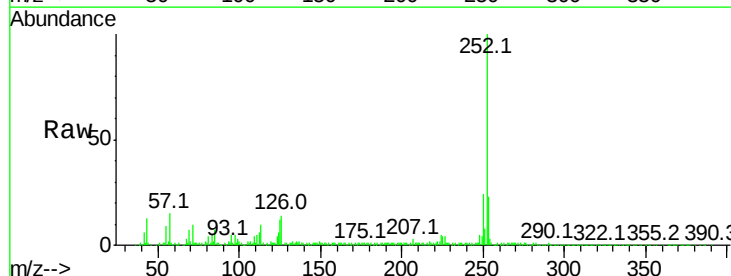


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

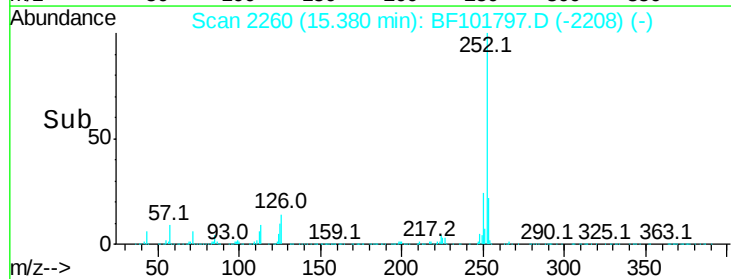
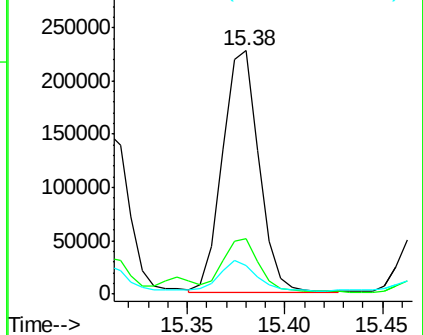


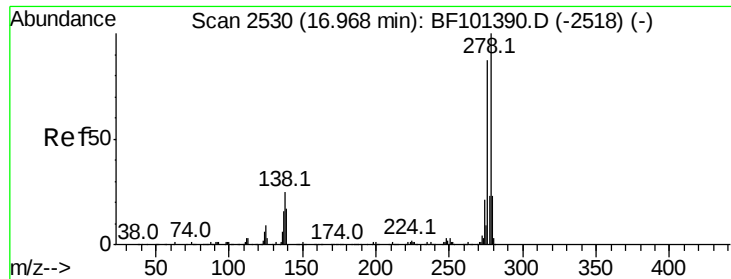
#89
Benzo(a)pyrene
Concen: 16.731 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF101797.D
Acq: 28 Dec 2017 12:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	11.8	9.8	14.6



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

Dibenzo(a,h)anthracene

Concen: 2.036 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.19 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

Instrument :

BNA_F

ClientSampleId :

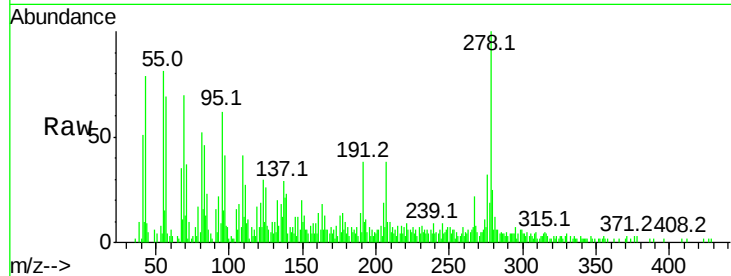
Tot Ion:278 Resp: 30741

Ion Ratio Lower Upper

278 100

139 23.3 15.9 23.9

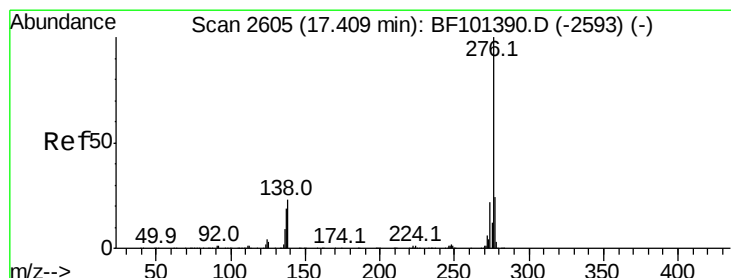
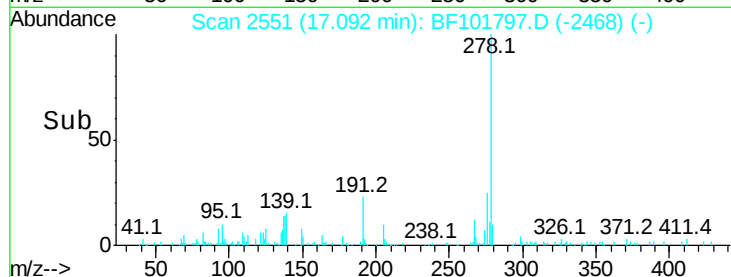
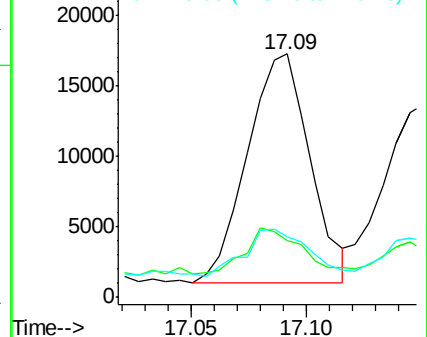
279 25.1 19.0 28.4



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



#91

Benzo(g,h,i)perylene

Concen: 10.417 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.02 min

Lab File: BF101797.D

Acq: 28 Dec 2017 12:56

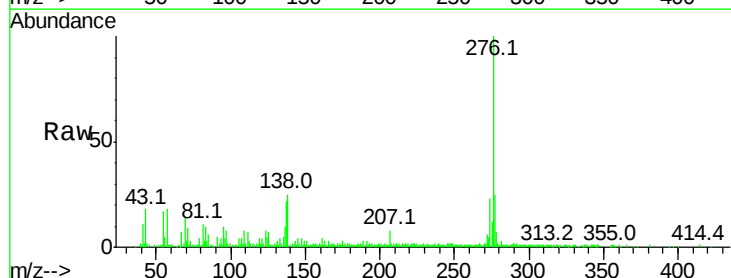
Tgt Ion:276 Resp: 155728

Ion Ratio Lower Upper

276 100

277 25.1 17.9 26.9

138 25.2 21.8 32.8



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

