

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122817\
 Data File : BF101807.D
 Acq On : 28 Dec 2017 17:25
 Operator : SJ/JU
 Sample : I6970-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 18:14:34 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	155859	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	607625	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	243409	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	381840	20.00	ng	0.00
75) Chrysene-d12	13.97	240	268835	20.00	ng	0.00
86) Perylene-d12	15.44	264	295636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	982905	93.94	ng	0.00
7) Phenol-d6	6.43	99	1249911	95.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	781745	71.62	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	162040	69.09	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1191193	75.91	ng	0.00
78) Terphenyl-d14	12.90	244	850850	76.30	ng	0.00

Target Compounds

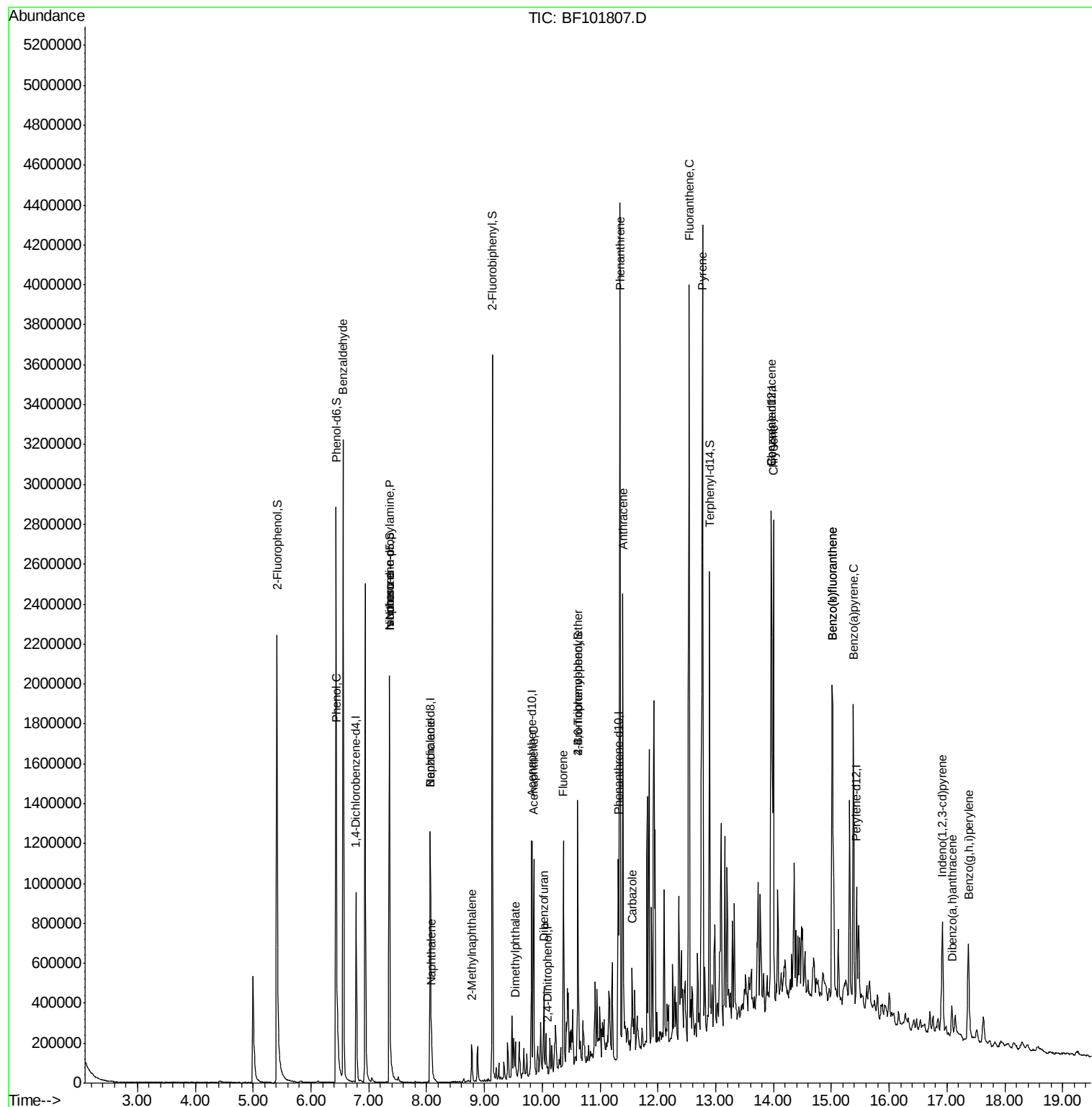
						Qvalue
9) Benzaldehyde	6.56	77	19641	2.042	ng	83
10) Phenol	6.45	94	51297	3.456	ng	# 71
19) n-Nitroso-di-n-propylamine	7.36	70	102390	11.973	ng	# 79
25) Isophorone	7.36	82	781745	35.700	ng	# 64
31) Naphthalene	8.09	128	110039	3.597	ng	98
32) Benzoic acid	8.06	122	107	7.976	ng	# 1
37) 2-Methylnaphthalene	8.78	142	60170	3.019	ng	98
49) Dimethylphthalate	9.53	163	73296	3.744	ng	99
51) Acenaphthene	9.85	154	214969	13.715	ng	97
53) 2,4-Dinitrophenol	10.10	184	127	10.400	ng	# 38
54) Dibenzofuran	10.03	168	148892	7.475	ng	98
57) Fluorene	10.37	166	297692	17.667	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	10341	2.410	ng	# 1
70) Phenanthrene	11.35	178	2076564	97.791	ng	98
71) Anthracene	11.39	178	914861	42.178	ng	99
72) Carbazole	11.56	167	133714	6.584	ng	98
74) Fluoranthene	12.55	202	1987863	89.187	ng	97
77) Pyrene	12.77	202	2189849	108.537	ng	98
80) Benzo(a)anthracene	13.96	228	1071848	60.380	ng	99
82) Chrysene	14.00	228	971191	57.944	ng	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	397202	26.612	ng	# 92
87) Benzo(b)fluoranthene	15.02	252	1258835	69.859	ng	98
88) Benzo(k)fluoranthene	15.02	252	1258835	71.851	ng	100
89) Benzo(a)pyrene	15.39	252	810844	48.812	ng	97
90) Dibenzo(a,h)anthracene	17.09	278	102638	7.196	ng	96
91) Benzo(g,h,i)perylene	17.37	276	394834	27.957	ng	95

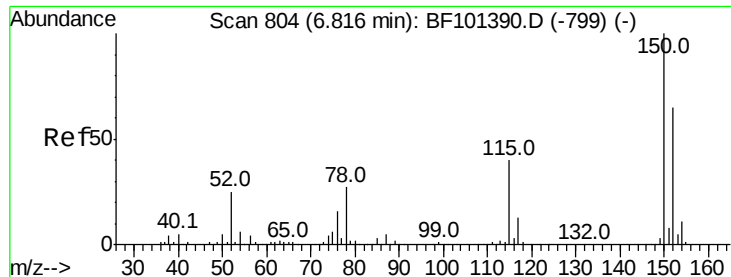
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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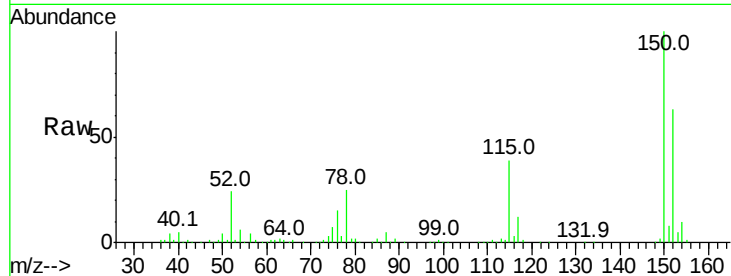


#1

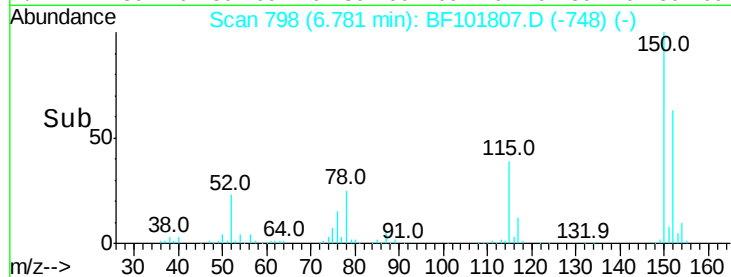
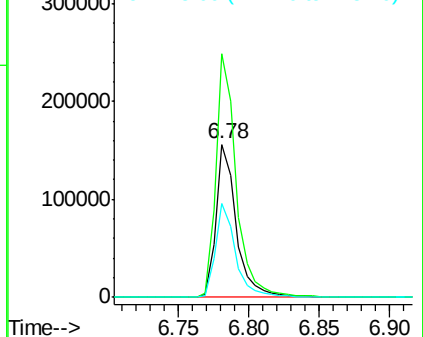
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155859
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 61.5 50.1 75.1



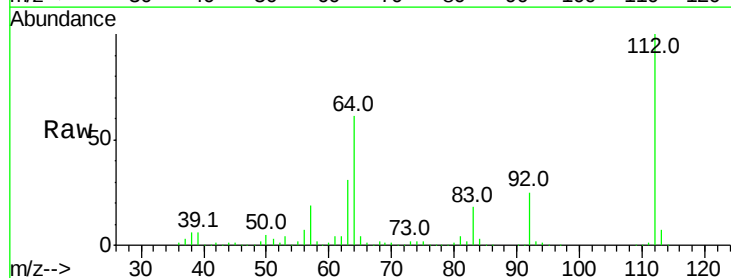
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



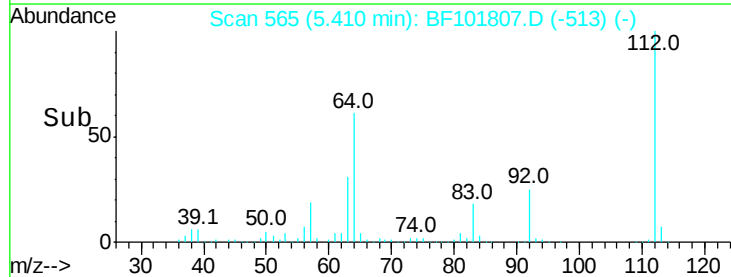
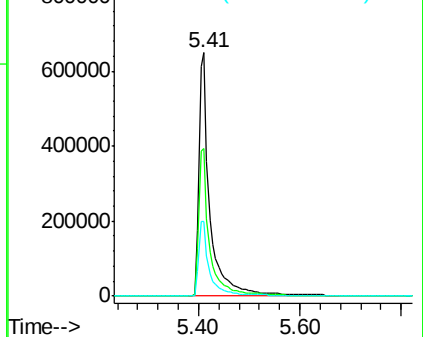
#5

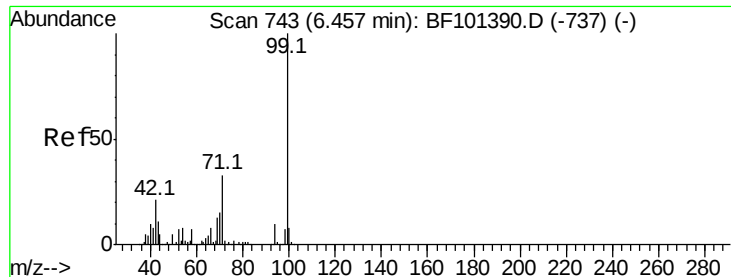
2-Fluorophenol
Concen: 93.938 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:112 Resp: 982905
Ion Ratio Lower Upper
112 100
64 60.5 47.9 71.9
63 30.6 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: 95.985 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Instrument :

BNA_F

ClientSampled :

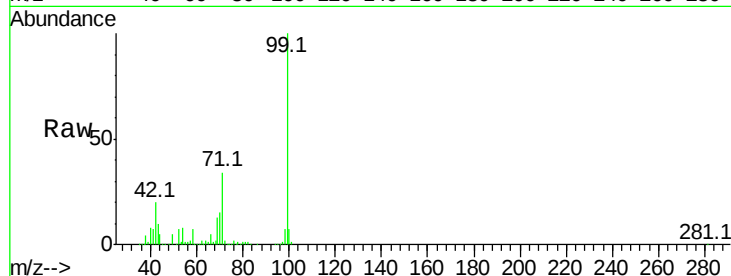
Tot Ion: 99 Resp: 1249911

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

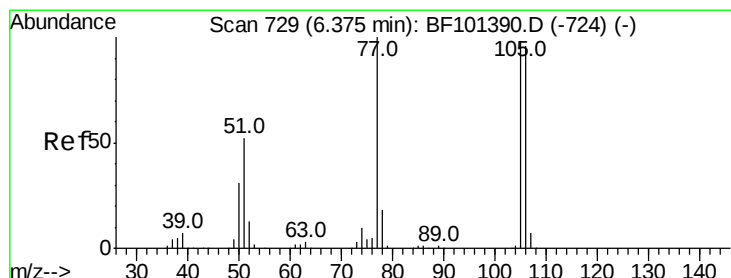
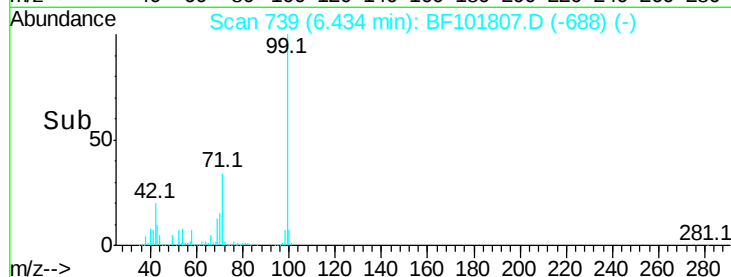
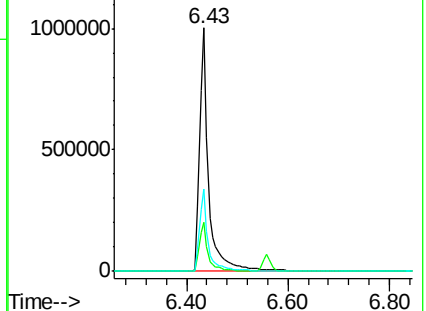
71 33.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.042 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

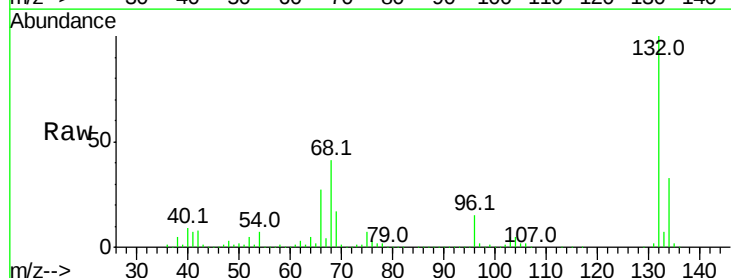
Tgt Ion: 77 Resp: 19641

Ion Ratio Lower Upper

77 100

105 86.1 81.1 121.1

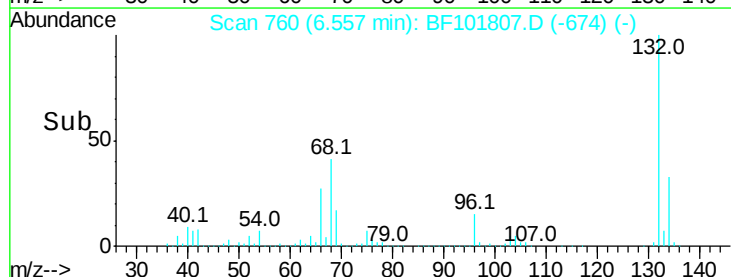
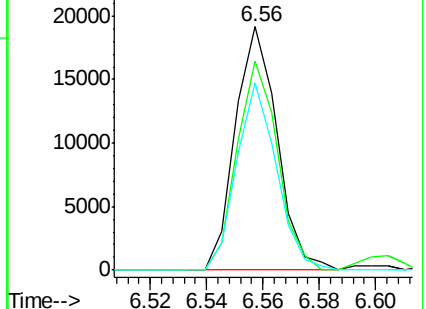
106 76.7 74.5 114.5

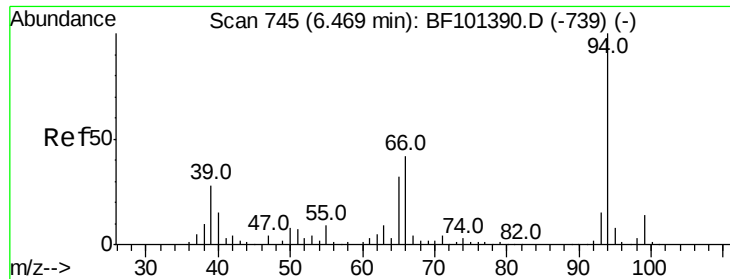


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.456 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Instrument :

BNA_F

ClientSampleId :

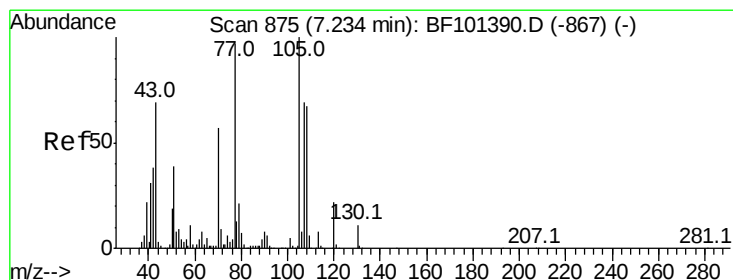
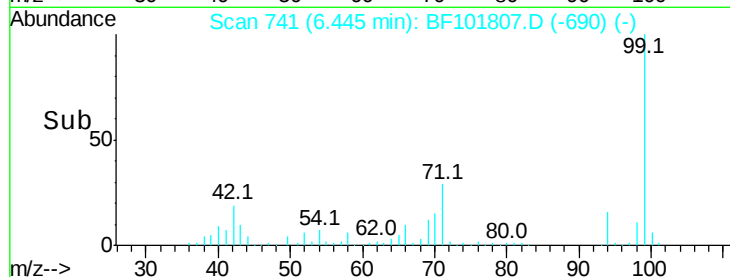
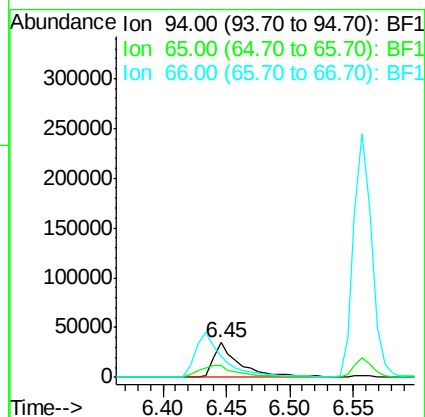
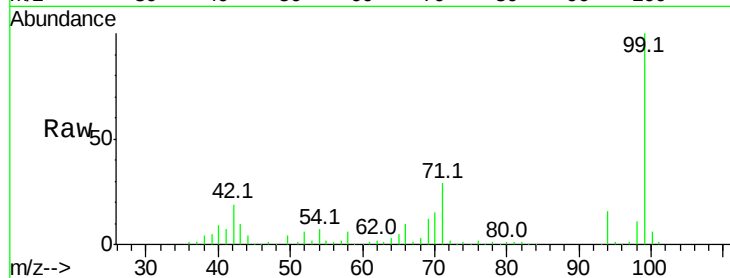
Tot Ion: 94 Resp: 51297

Ion Ratio Lower Upper

94 100

65 33.8 7.9 47.9

66 61.4 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 11.973 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Tgt Ion: 70 Resp: 102390

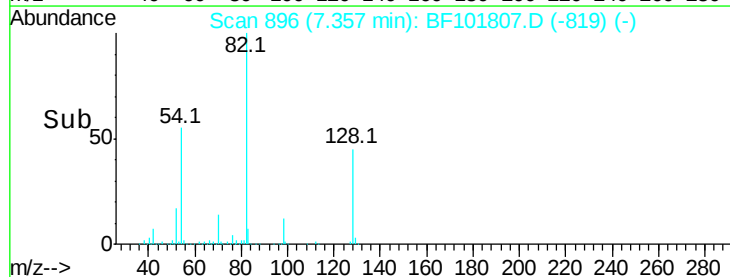
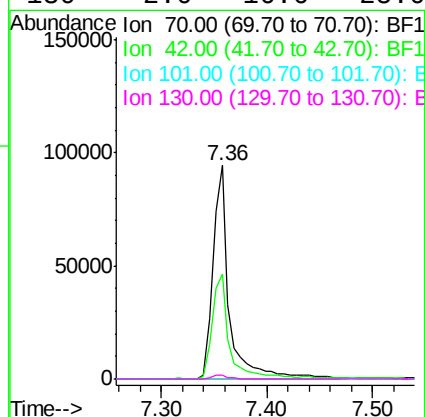
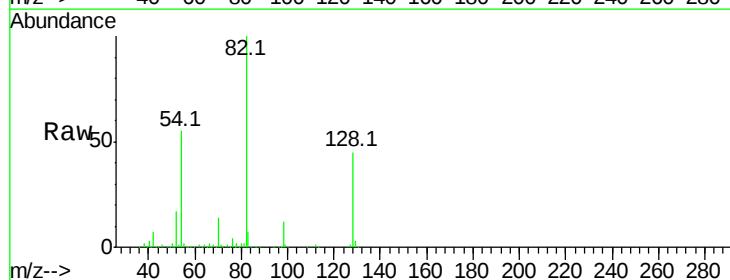
Ion Ratio Lower Upper

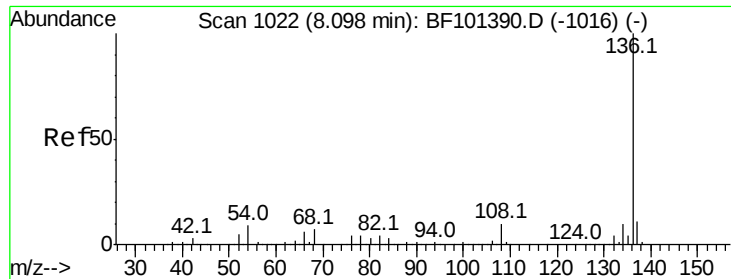
70 100

42 49.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

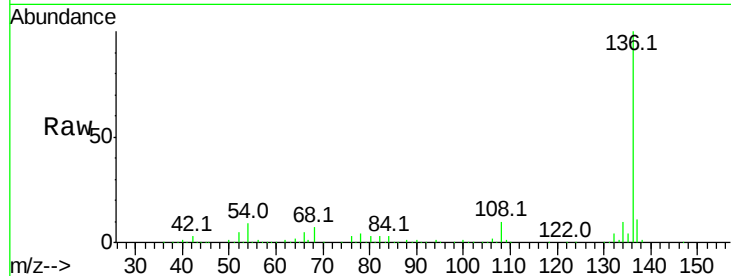




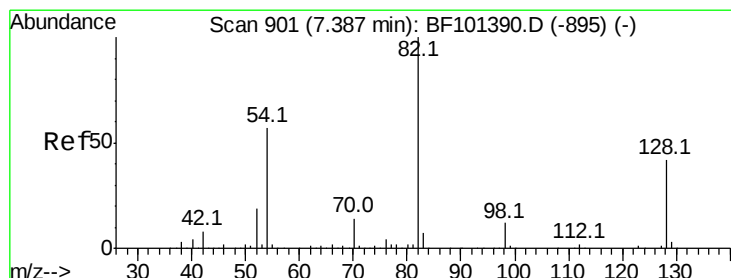
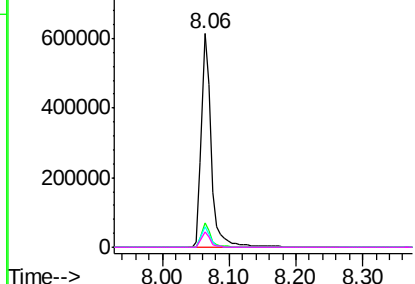
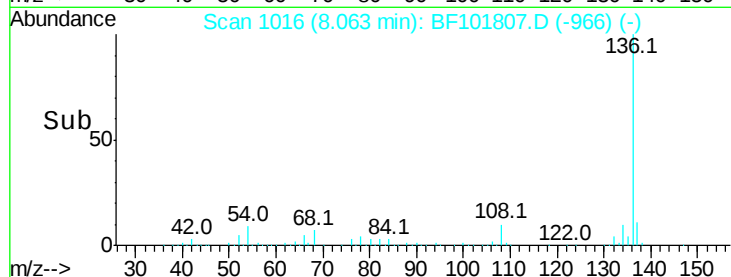
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	607625
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	6.6	9.8
68	7.2	5.0	7.4

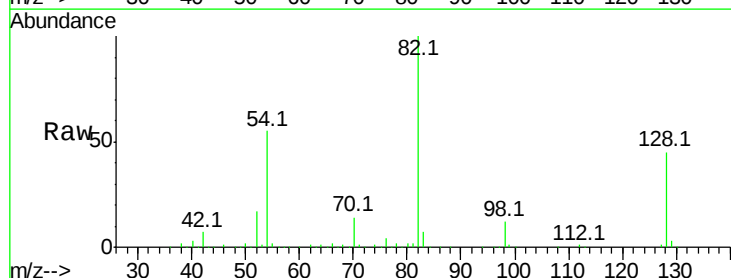


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

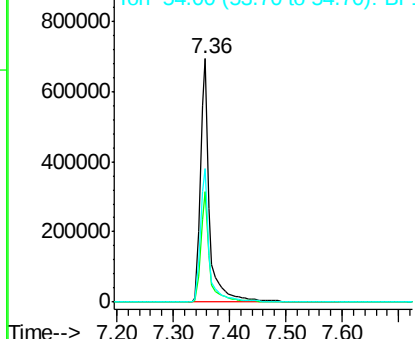
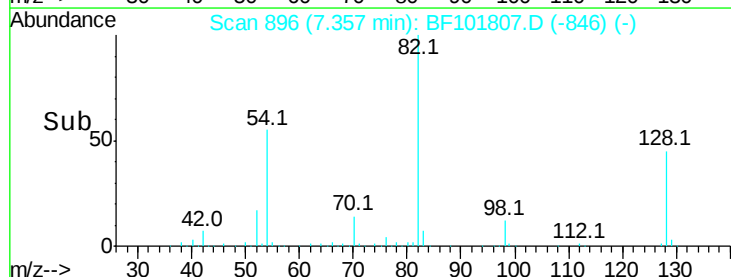


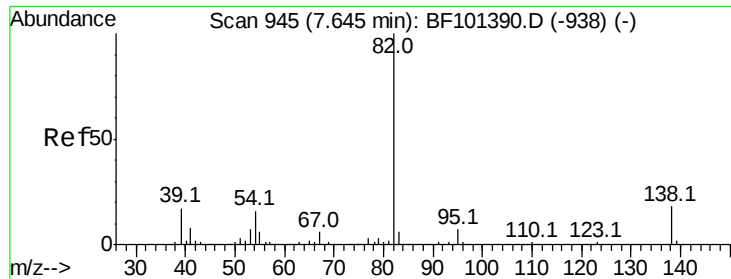
#23
Nitrobenzene-d5
Concen: 71.617 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:	82	Resp:	781745
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	54.7	41.4	62.2



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





#25

Isophorone

Concen: 35.700 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Instrument :

BNA_F

ClientSampleId :

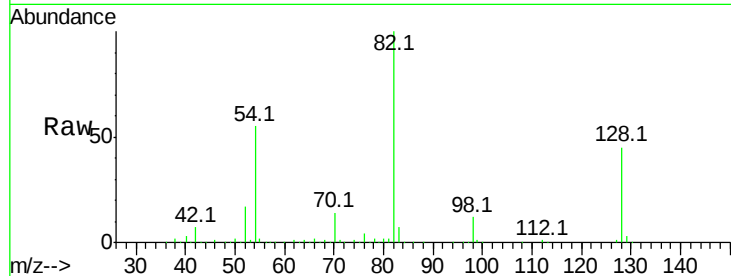
Tot Ion: 82 Resp: 781745

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

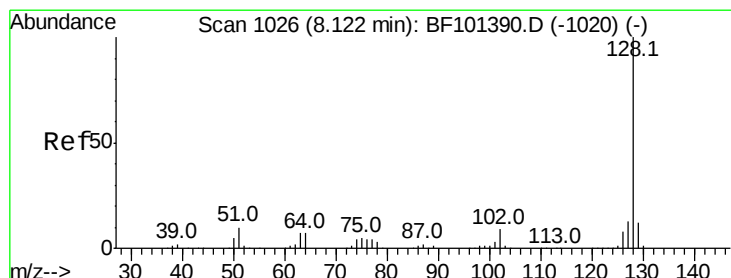
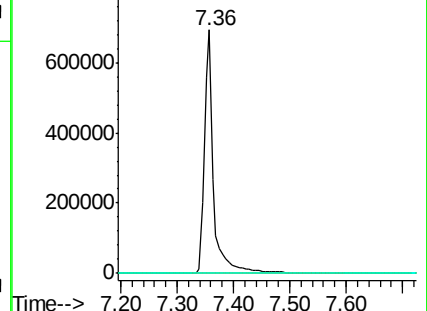
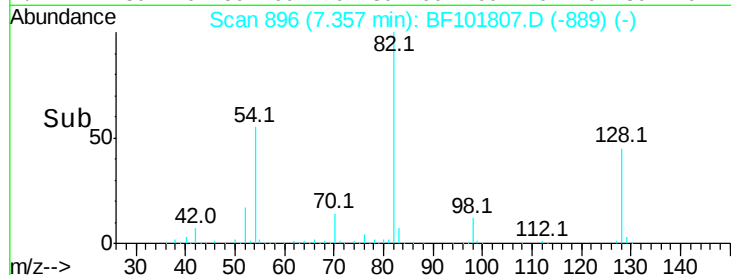
138 0.0 14.9 22.3#



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: 3.597 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

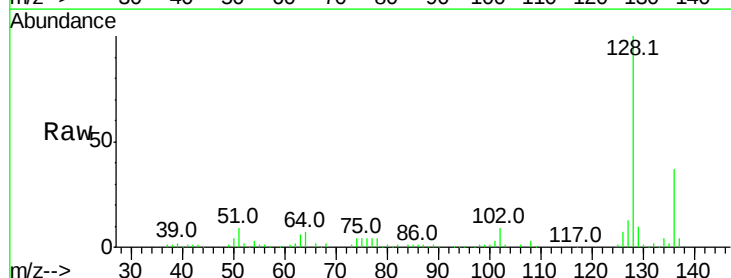
Tgt Ion: 128 Resp: 110039

Ion Ratio Lower Upper

128 100

129 10.3 8.8 13.2

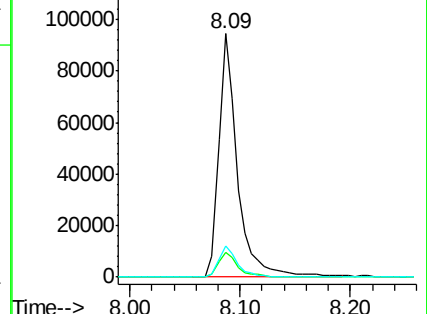
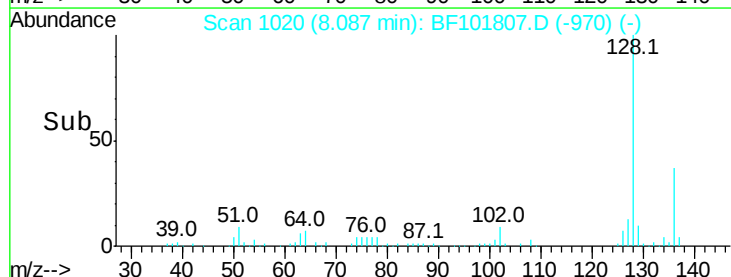
127 12.8 10.9 16.3

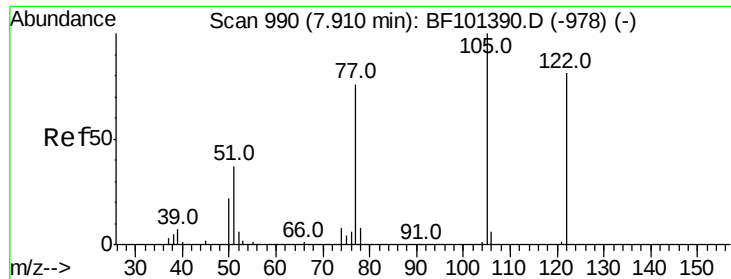


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

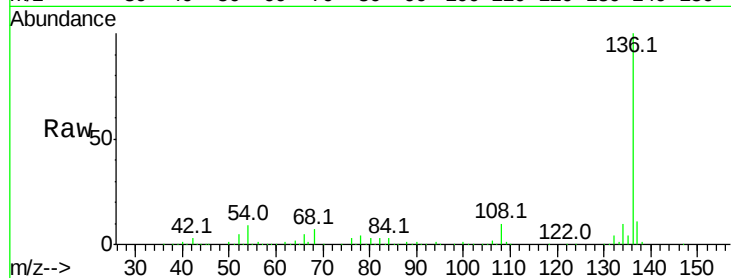




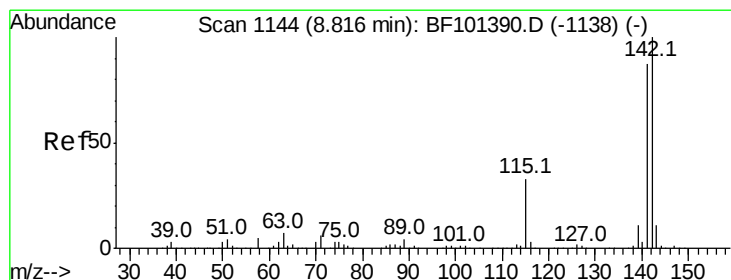
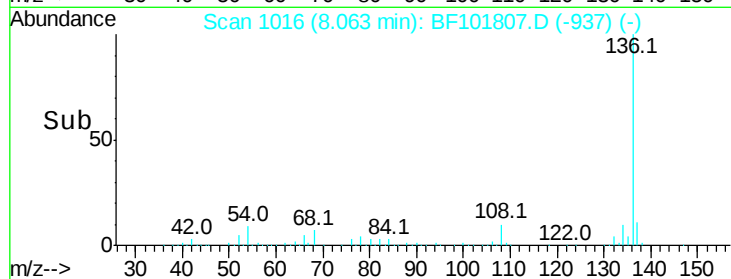
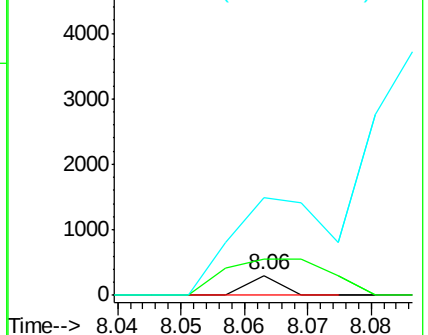
#32
Benzoic acid
Concen: 7.976 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.16 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 107
Ion Ratio Lower Upper
122 100
105 184.8 101.1 141.1#
77 493.4 70.7 110.7#

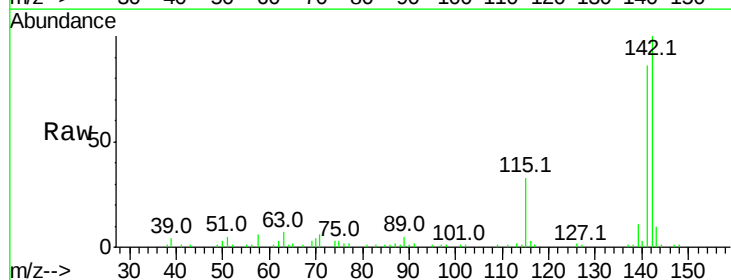


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

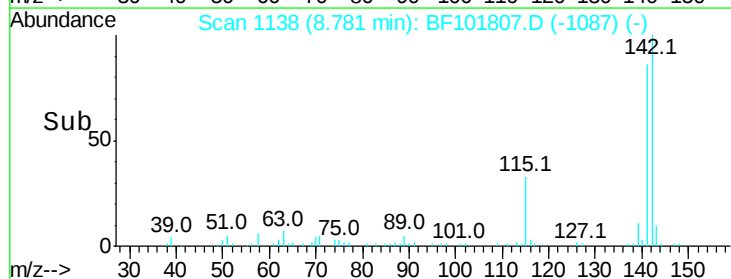
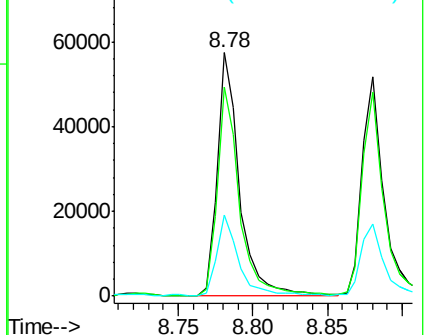


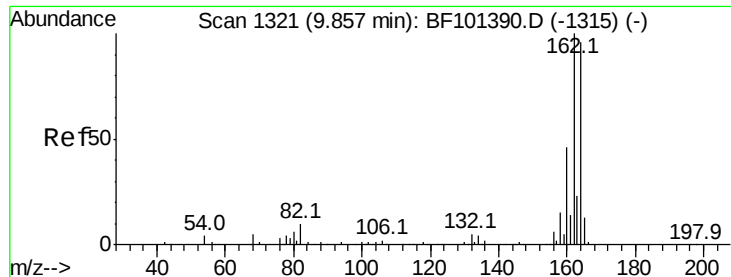
#37
2-Methylnaphthalene
Concen: 3.019 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:142 Resp: 60170
Ion Ratio Lower Upper
142 100
141 85.8 70.8 106.2
115 33.2 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Instrument :

BNA_F

ClientSampleId :

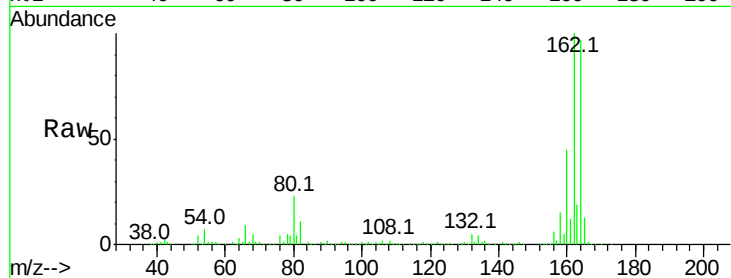
Tot Ion:164 Resp: 243409

Ion Ratio Lower Upper

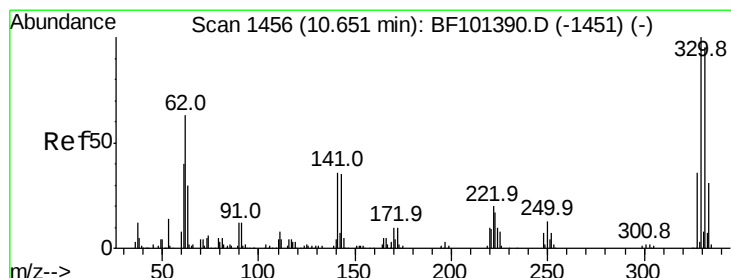
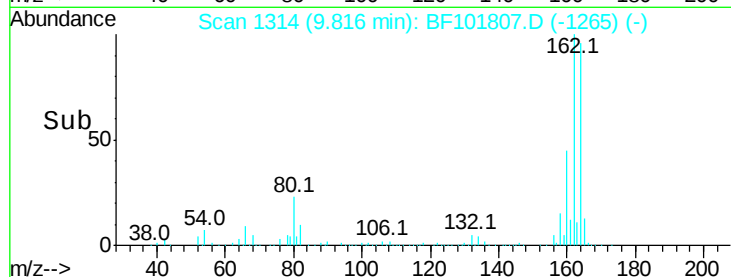
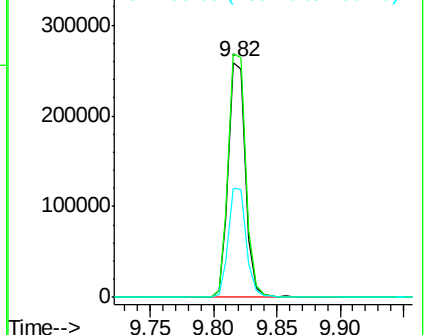
164 100

162 103.6 86.1 129.1

160 46.5 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: 69.087 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

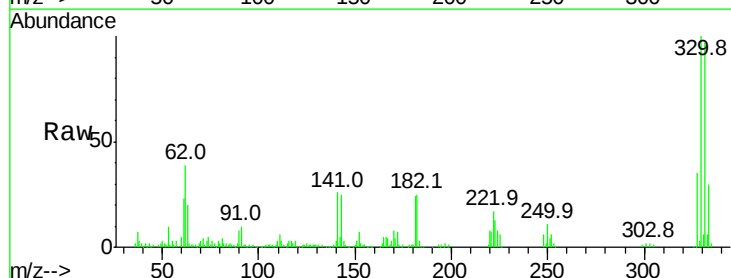
Tgt Ion:330 Resp: 162040

Ion Ratio Lower Upper

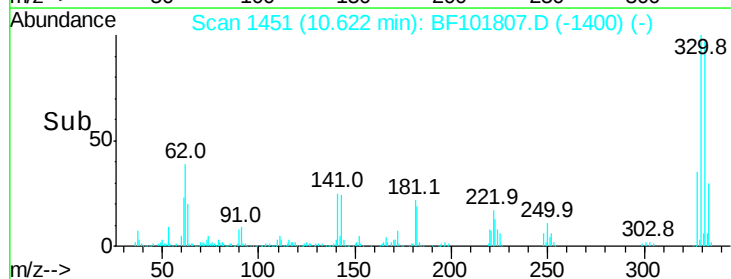
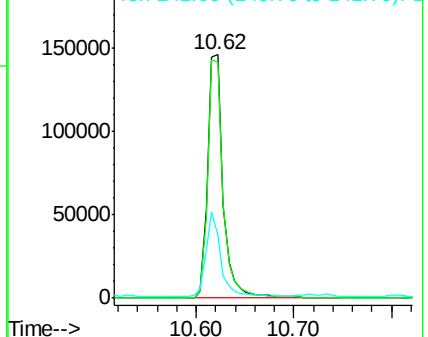
330 100

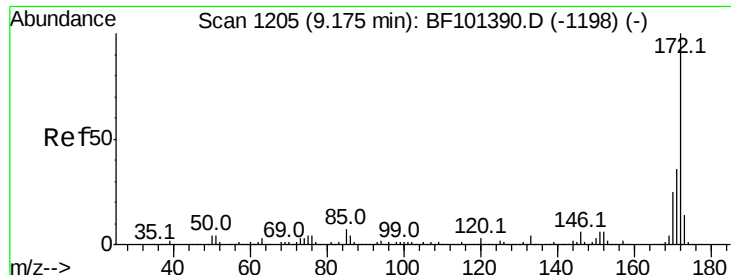
332 97.3 77.0 115.6

141 33.7 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



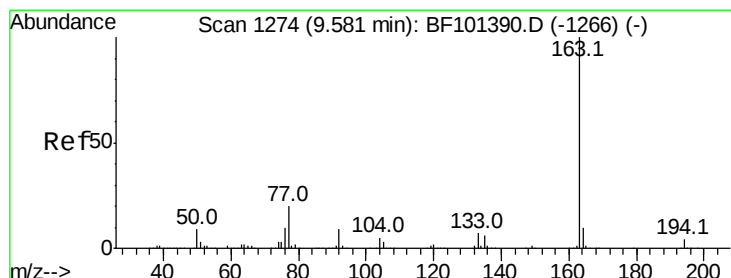
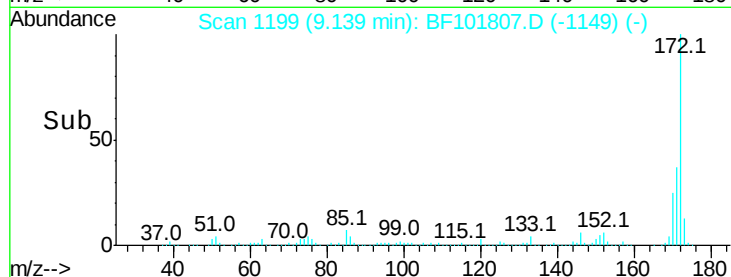
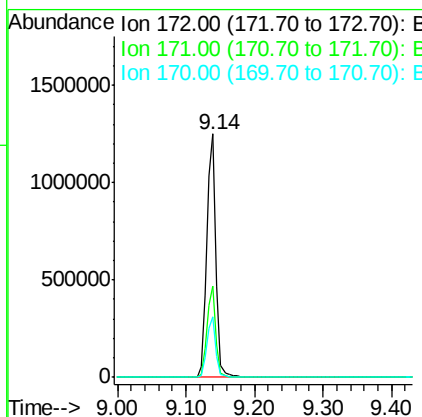
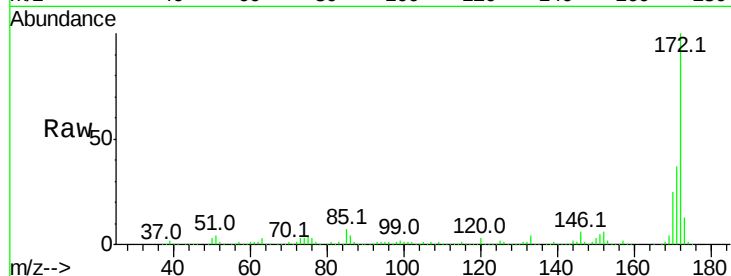


#44
 2-Fluorobiphenyl
 Concen: 75.915 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101807.D
 Acq: 28 Dec 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1191193

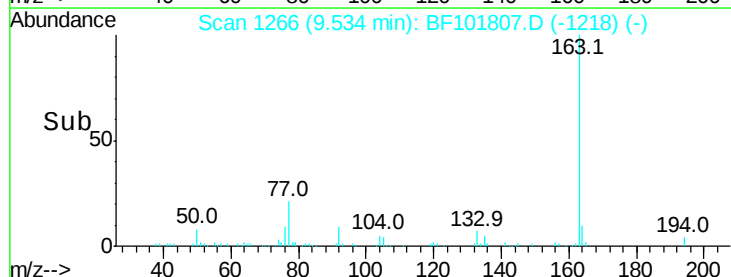
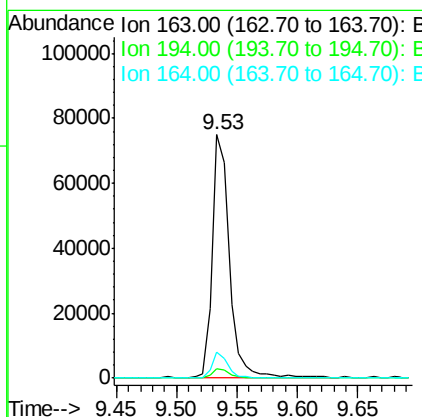
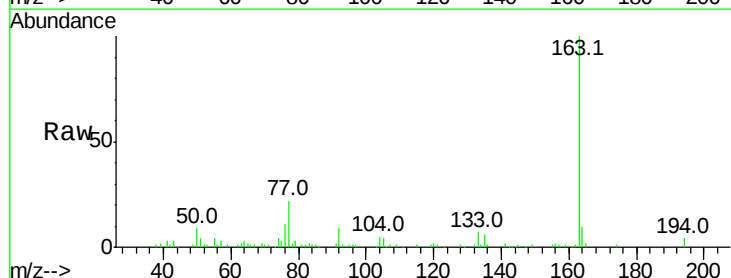
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.8	19.6	29.4

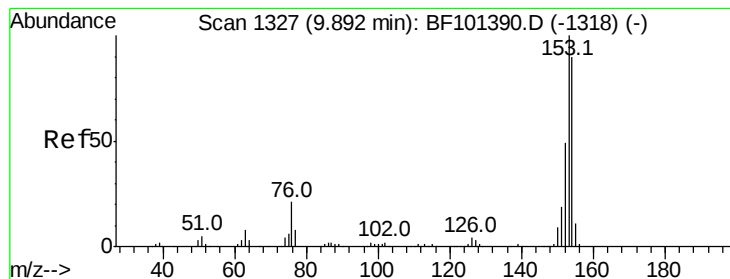


#49
 Dimethylphthalate
 Concen: 3.744 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF101807.D
 Acq: 28 Dec 2017 17:25

Tgt Ion:163 Resp: 73296

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2





#51

Acenaphthene

Concen: 13.715 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Instrument :

BNA_F

ClientSampleId :

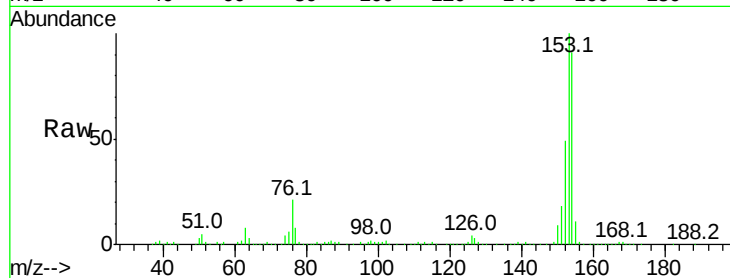
Tot Ion:154 Resp: 214969

Ion Ratio Lower Upper

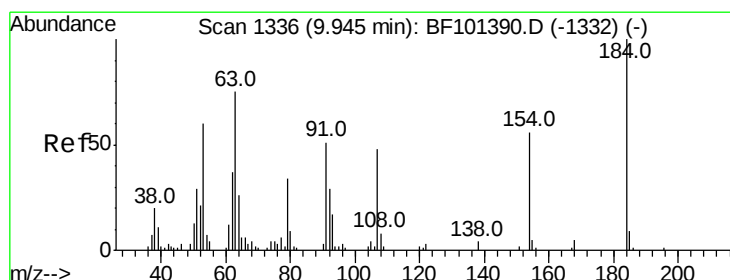
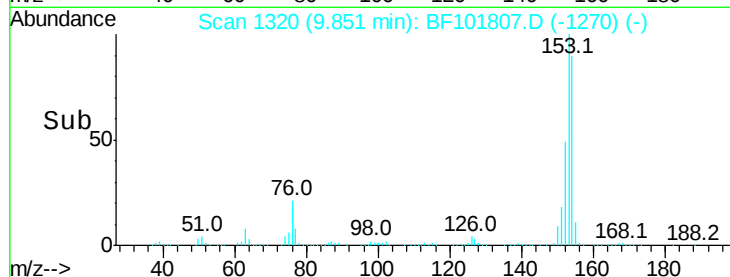
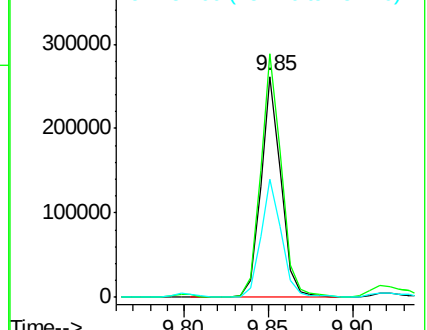
154 100

153 110.3 91.2 136.8

152 53.7 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 10.400 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.16 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

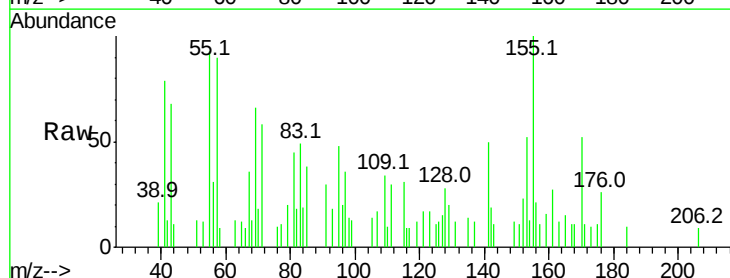
Tgt Ion:184 Resp: 127

Ion Ratio Lower Upper

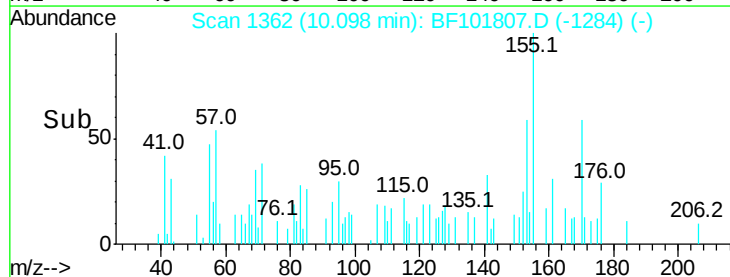
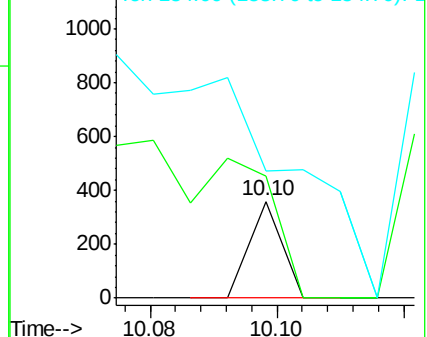
184 100

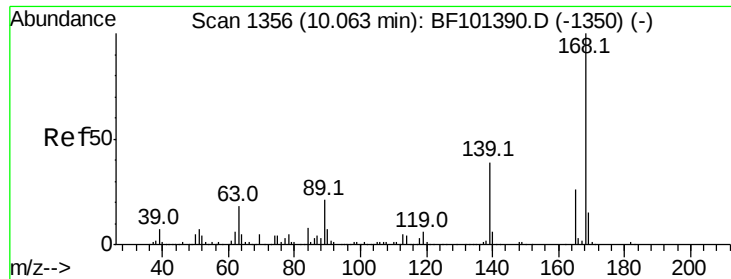
63 125.3 54.2 81.2#

154 131.7 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 7.475 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Instrument :

BNA_F

ClientSampleId :

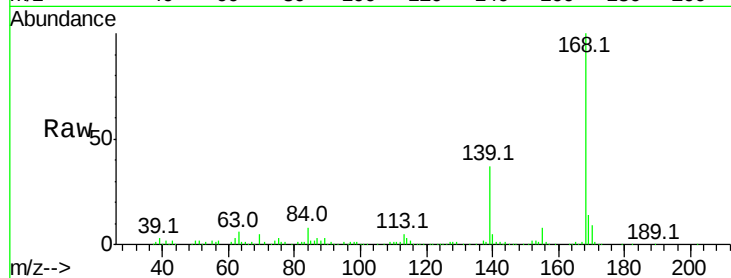
Tot Ion:168 Resp: 148892

Ion Ratio Lower Upper

168 100

139 36.5 30.1 45.1

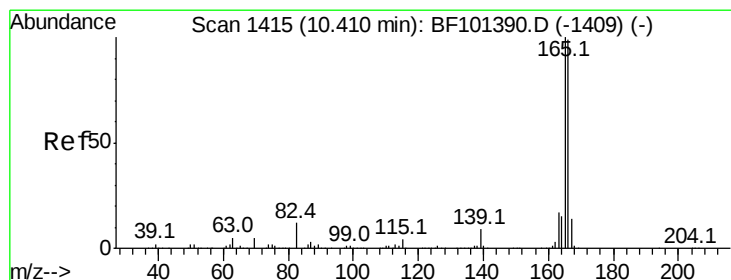
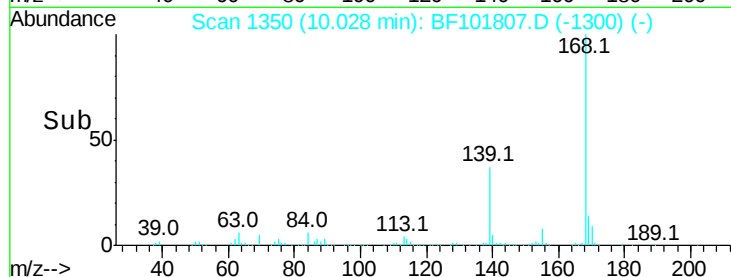
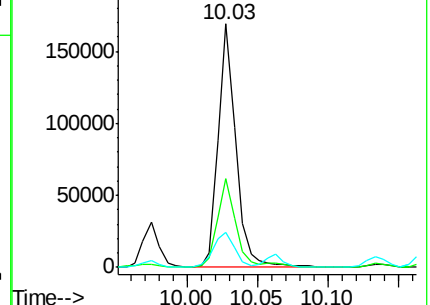
169 14.4 10.9 16.3



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



#57

Fluorene

Concen: 17.667 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

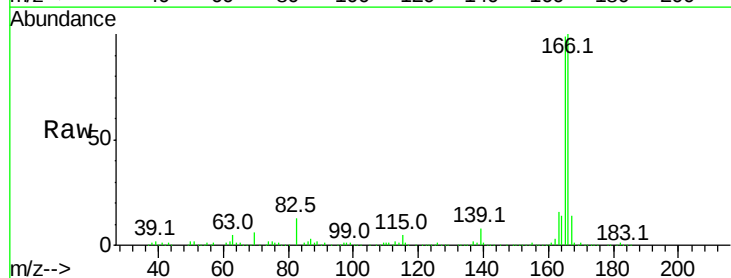
Tgt Ion:166 Resp: 297692

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

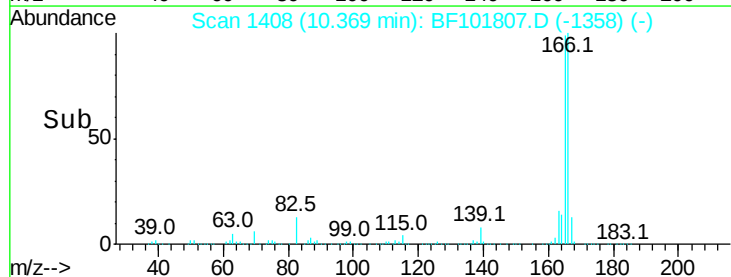
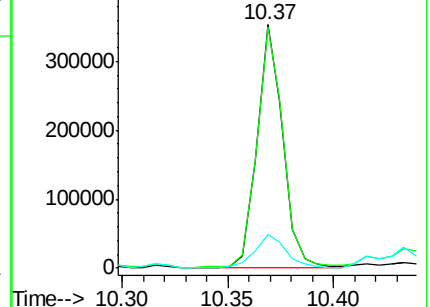
167 13.8 10.6 16.0

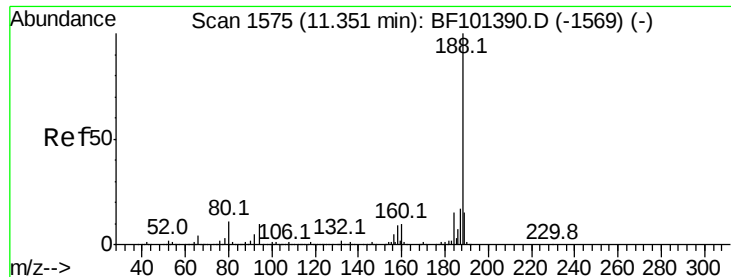


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

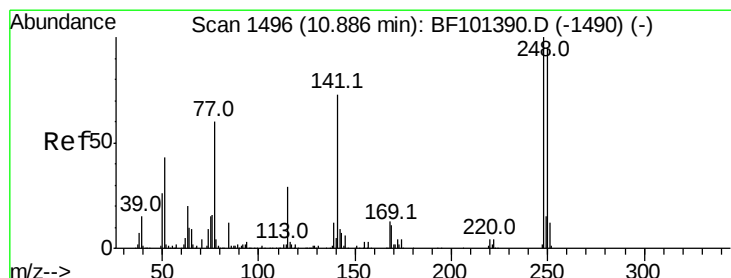
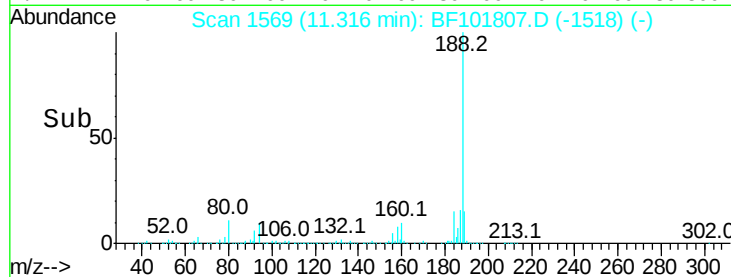
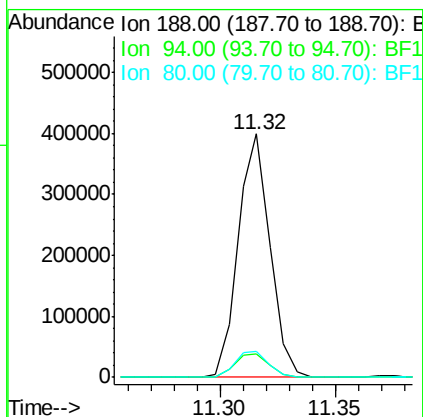
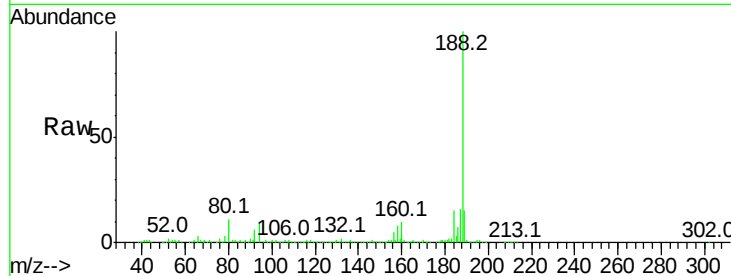




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

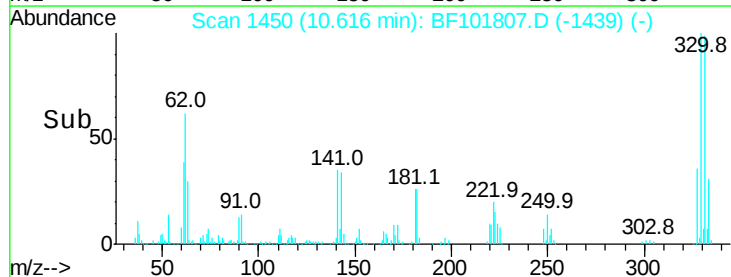
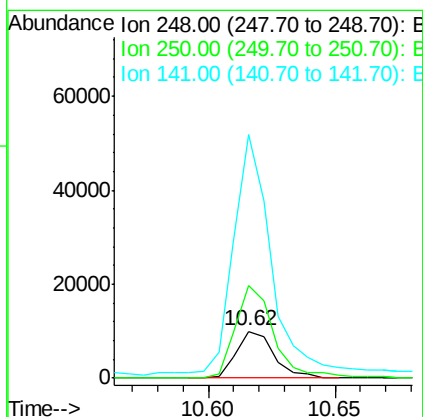
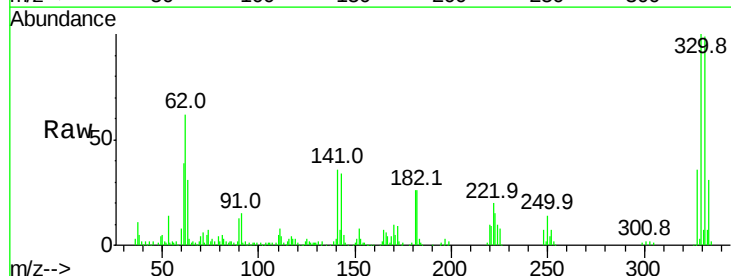
Instrument :
BNA_F
ClientSampleId :

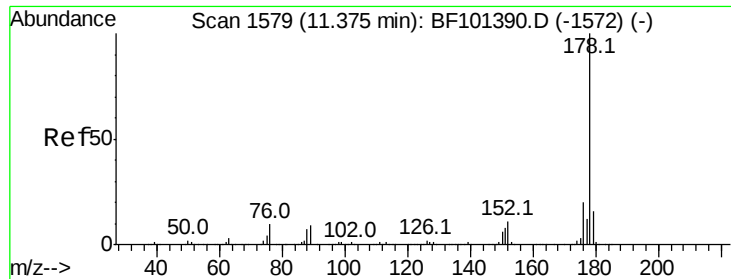
Tot Ion:188 Resp: 381840
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.410 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:248 Resp: 10341
Ion Ratio Lower Upper
248 100
250 197.1 76.9 115.3#
141 519.5 74.4 111.6#





#70

Phenanthrene

Concen: 97.791 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Instrument :

BNA_F

ClientSampled :

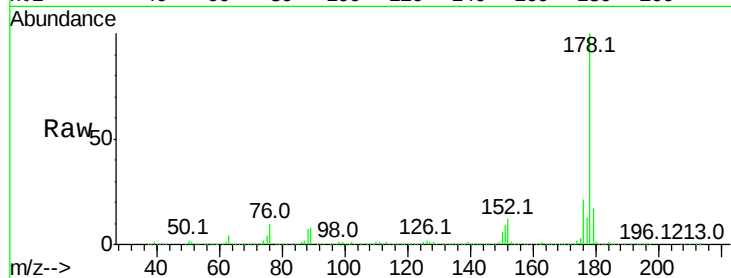
Tot Ion:178 Resp: 2076564

Ion Ratio Lower Upper

178 100

176 21.0 15.8 23.8

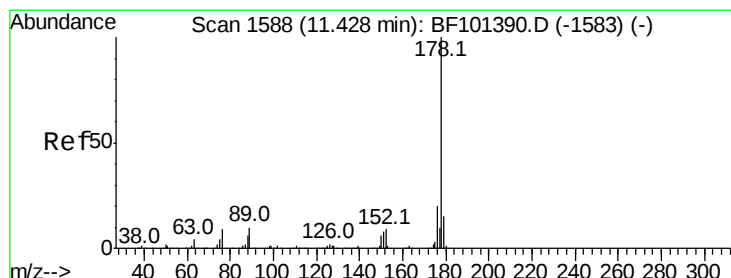
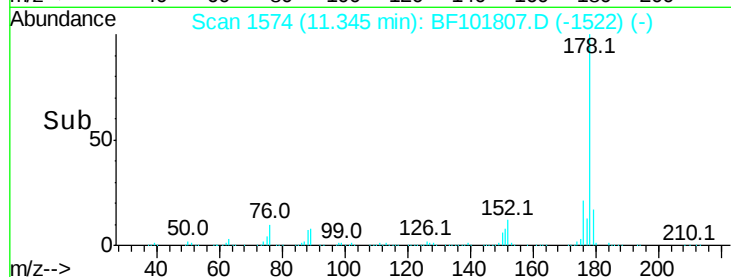
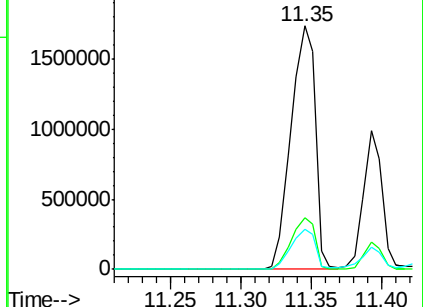
179 16.7 13.0 19.6



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



#71

Anthracene

Concen: 42.178 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

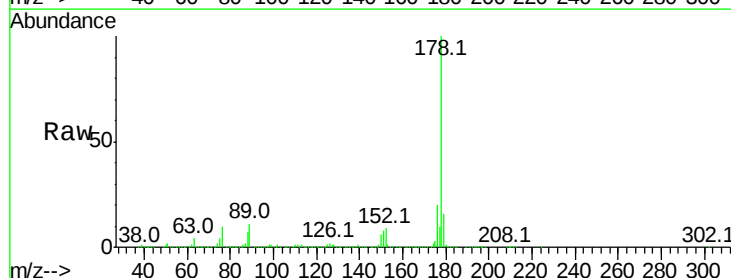
Tgt Ion:178 Resp: 914861

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

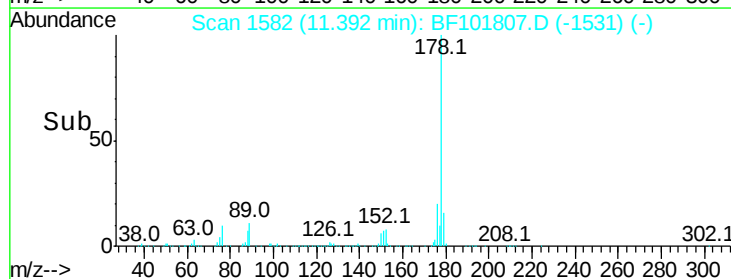
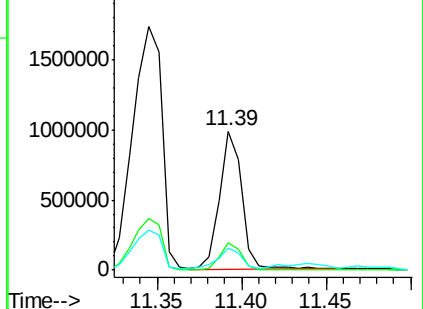
179 16.0 12.6 19.0

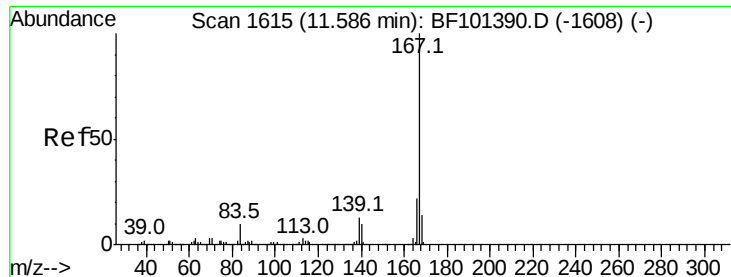


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

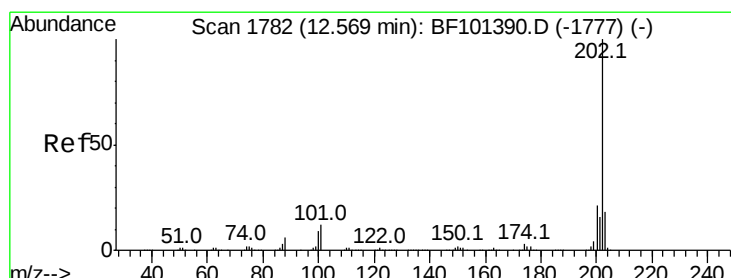
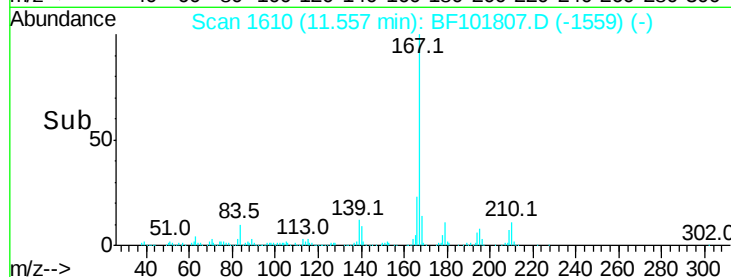
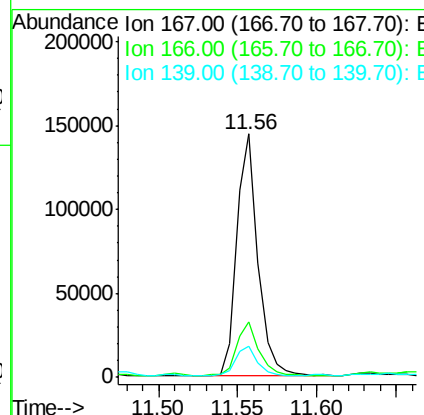
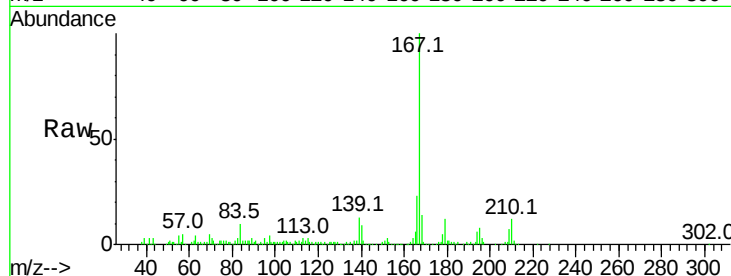




#72
 Carbazole
 Concen: 6.584 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101807.D
 Acq: 28 Dec 2017 17:25

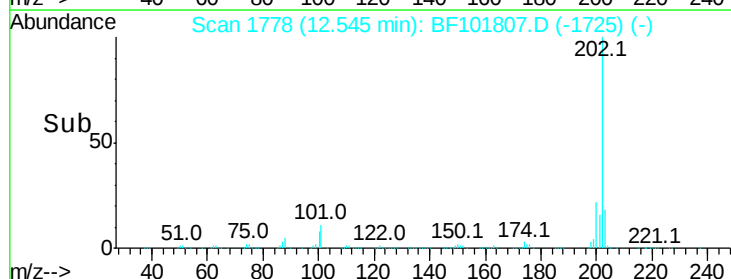
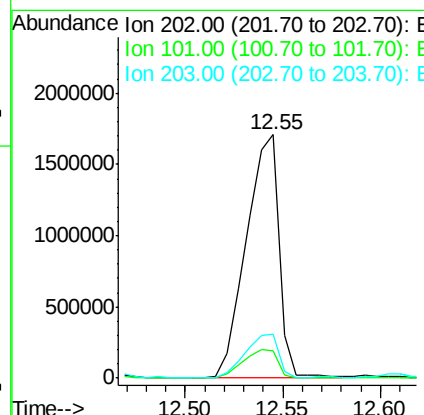
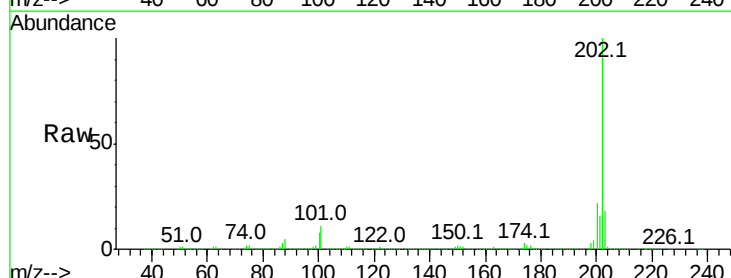
Instrument :
 BNA_F
 ClientSampleId :

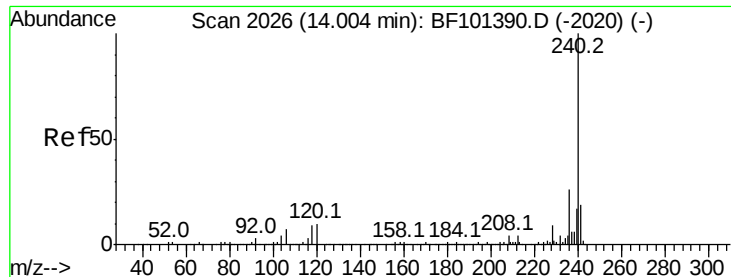
Tot Ion:167 Resp: 133714
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 12.7 10.9 16.3



#74
 Fluoranthene
 Concen: 89.187 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.01 min
 Lab File: BF101807.D
 Acq: 28 Dec 2017 17:25

Tgt Ion:202 Resp: 1987863
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 34.1
 203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Instrument :

BNA_F

ClientSampleId :

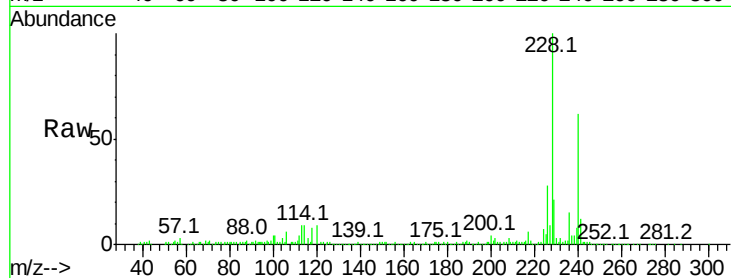
Tot Ion:240 Resp: 268835

Ion Ratio Lower Upper

240 100

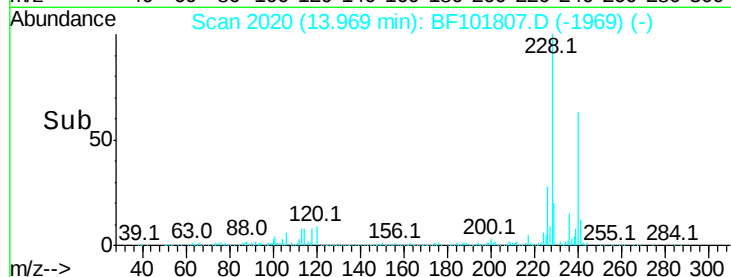
120 14.2 9.5 14.3

236 24.8 20.7 31.1

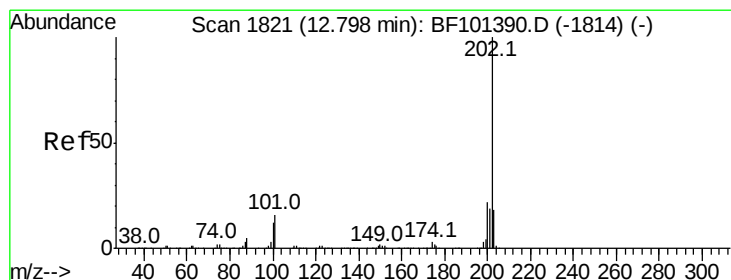


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.97



Time-->



#77

Pyrene

Concen: 108.537 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

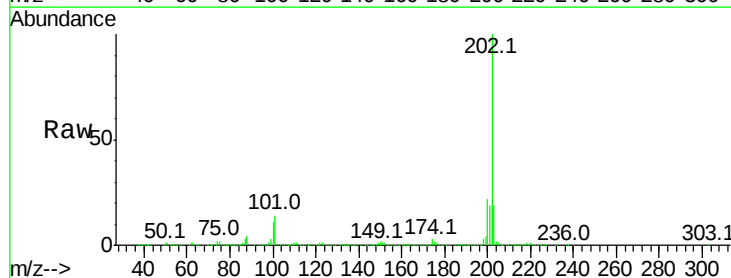
Tgt Ion:202 Resp: 2189849

Ion Ratio Lower Upper

202 100

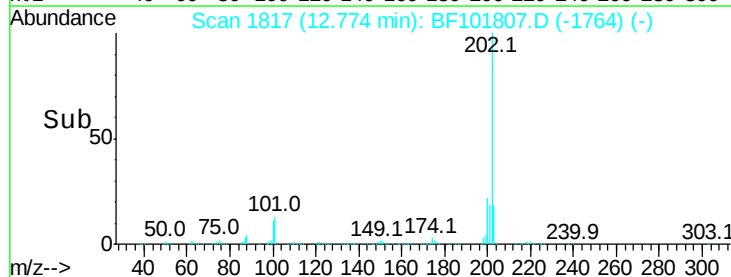
200 22.2 17.4 26.2

203 19.0 14.3 21.5

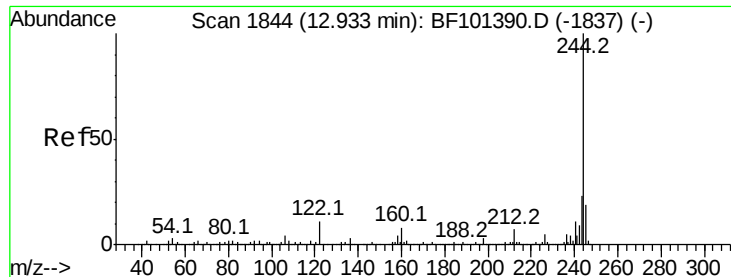


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.77



Time-->



#78

Terphenyl-d14

Concen: 76.300 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Instrument :

BNA_F

ClientSampleId :

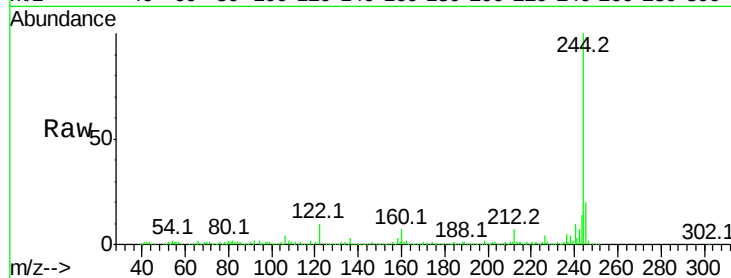
Tot Ion:244 Resp: 850850

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

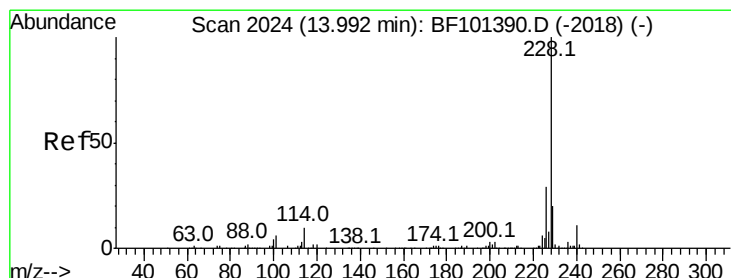
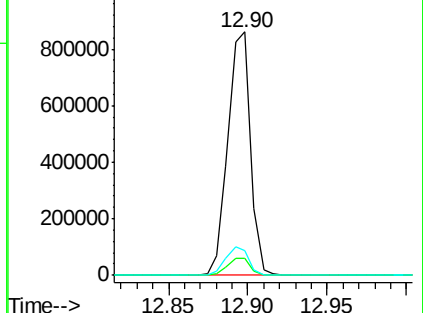
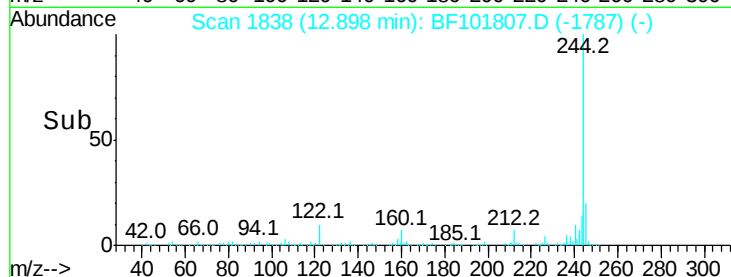
122 10.4 11.0 16.4#



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: 60.380 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

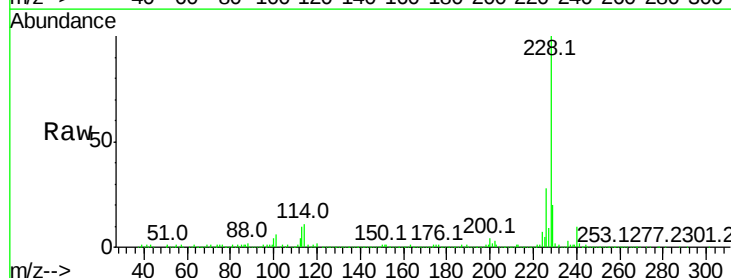
Tgt Ion:228 Resp: 1071848

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

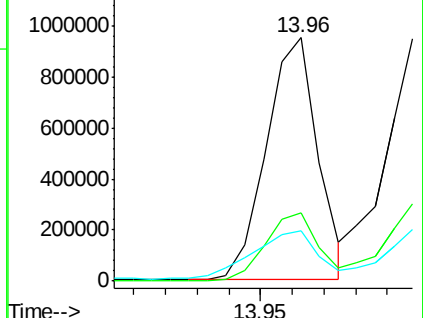
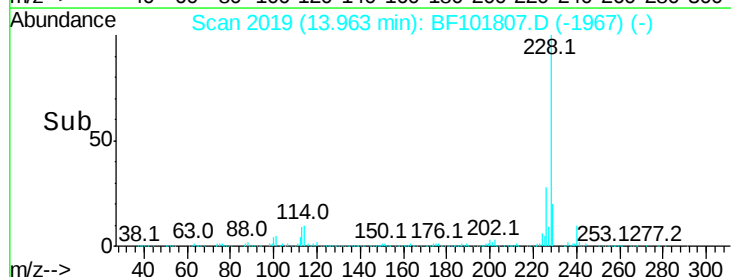
229 20.5 15.8 23.6

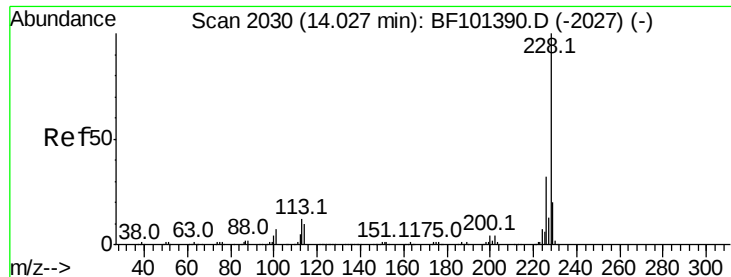


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 57.944 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Instrument :

BNA_F

ClientSampleId :

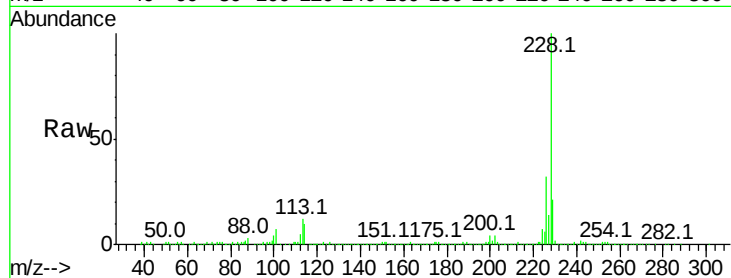
Tot Ion:228 Resp: 971191

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

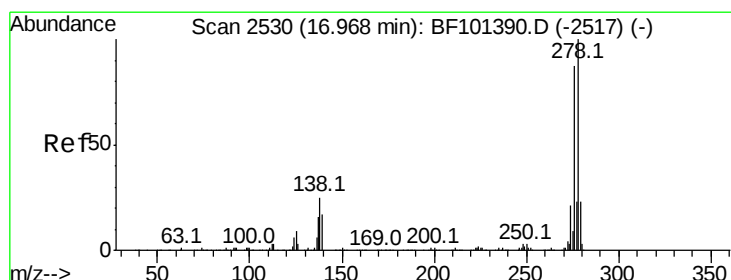
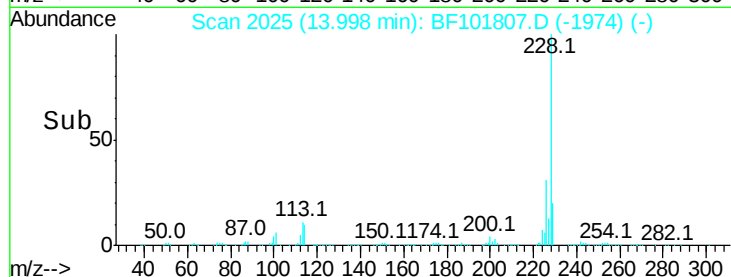
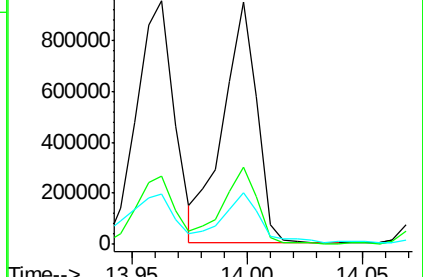
229 21.5 16.2 24.4



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 26.612 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

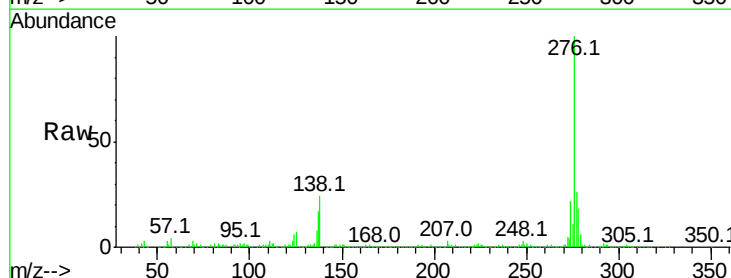
Tgt Ion:276 Resp: 397202

Ion Ratio Lower Upper

276 100

138 24.7 25.0 37.6#

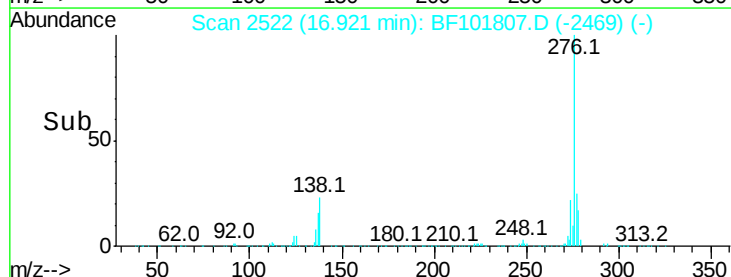
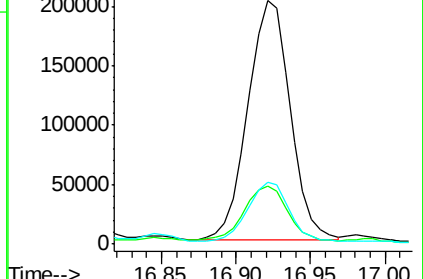
277 23.6 20.1 30.1

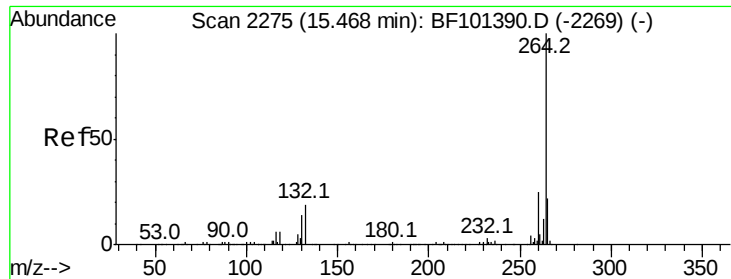


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

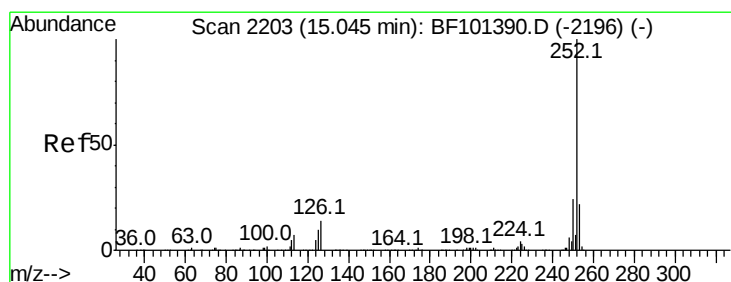
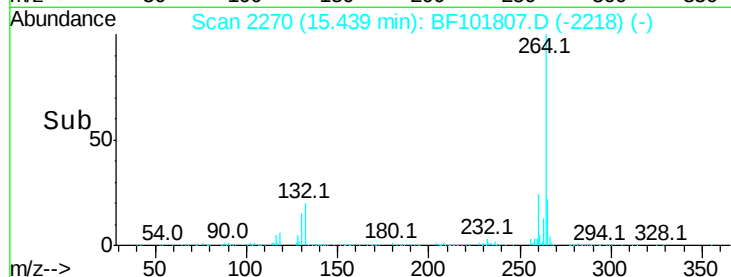
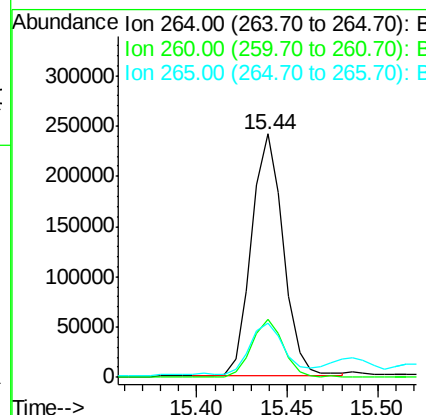
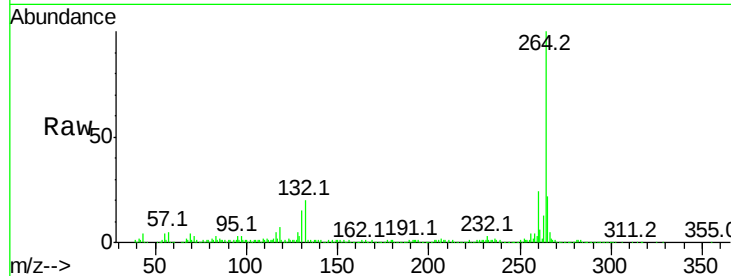




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

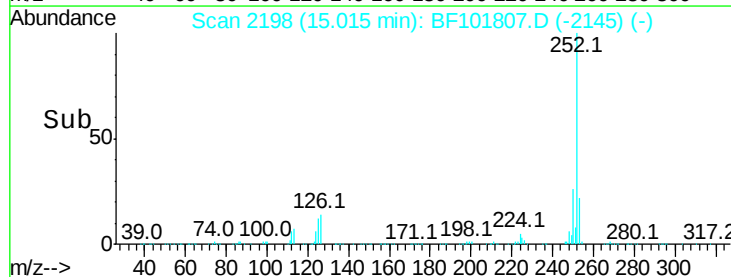
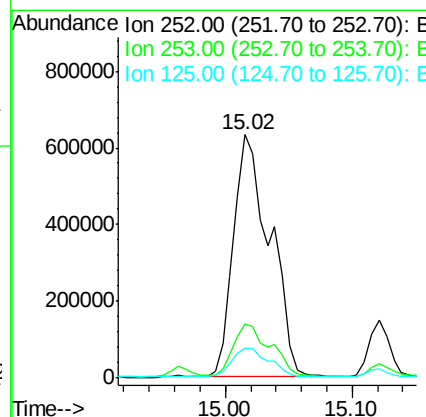
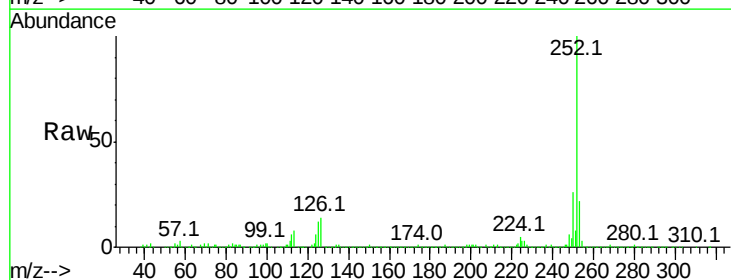
Instrument :
BNA_F
ClientSampleId :

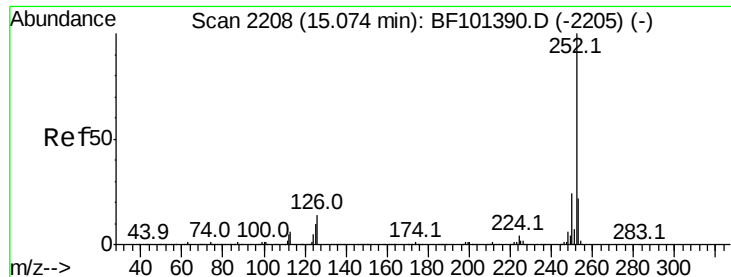
Tot Ion:264 Resp: 295636
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.1 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 69.859 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:252 Resp: 1258835
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.3 9.0 13.6

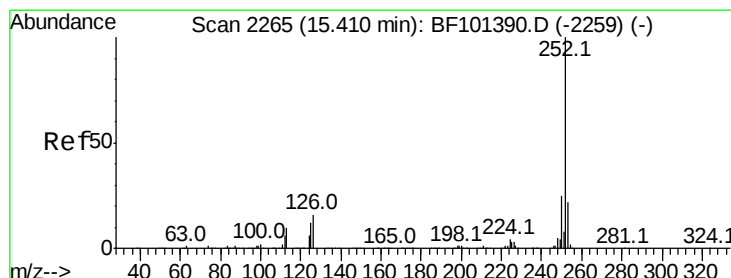
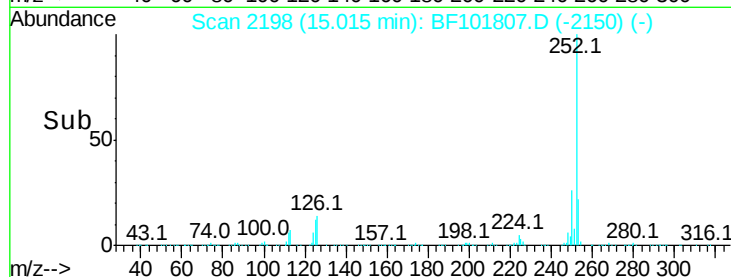
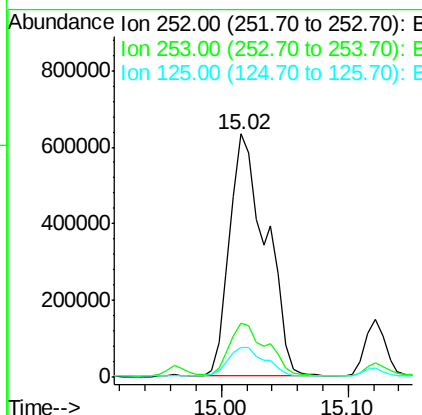
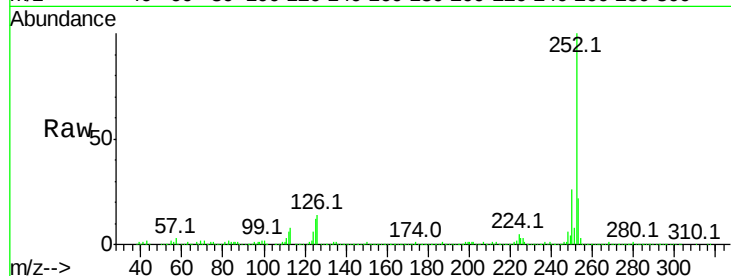




#88
Benzo(k)fluoranthene
Concen: 71.851 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

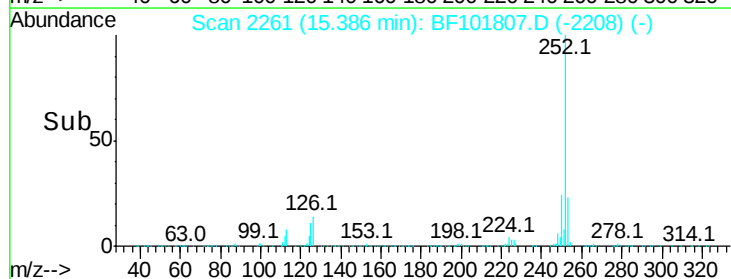
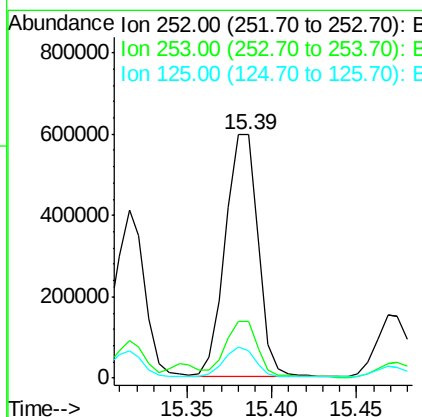
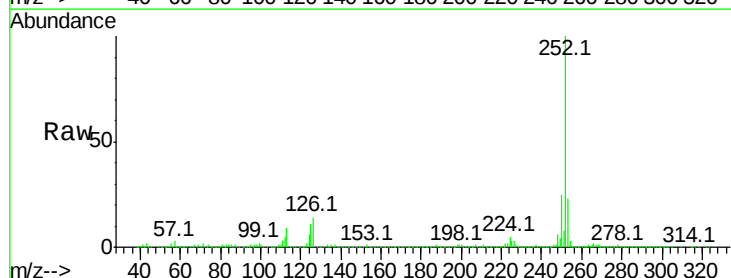
Instrument :
BNA_F
ClientSampleId :

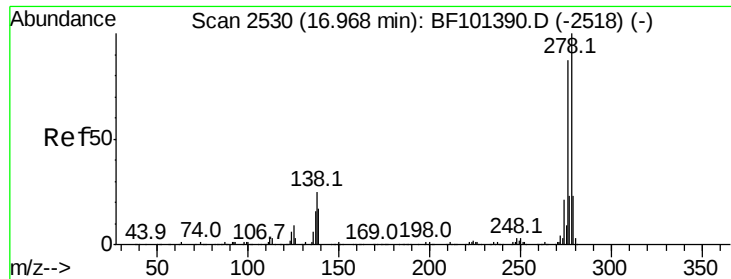
Tot Ion:252 Resp: 1258835
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.3 10.2 15.2



#89
Benzo(a)pyrene
Concen: 48.812 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF101807.D
Acq: 28 Dec 2017 17:25

Tgt Ion:252 Resp: 810844
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 11.3 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 7.196 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.18 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

Instrument :

BNA_F

ClientSampleId :

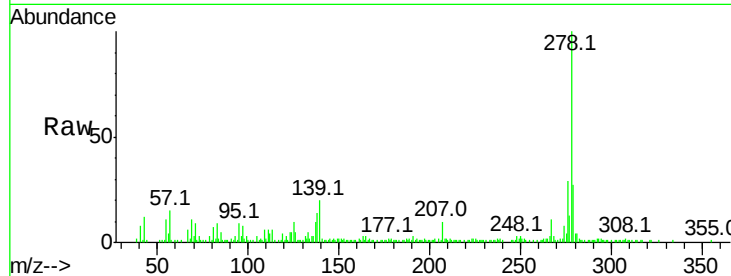
Tot Ion:278 Resp: 102638

Ion Ratio Lower Upper

278 100

139 20.1 15.9 23.9

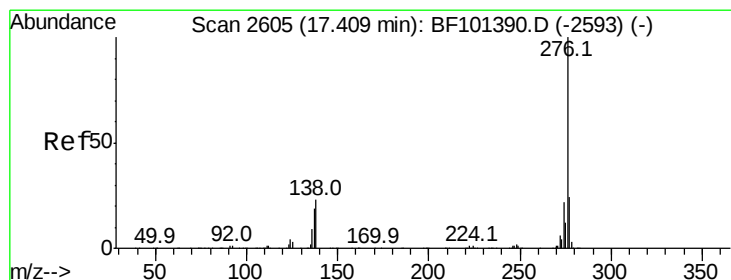
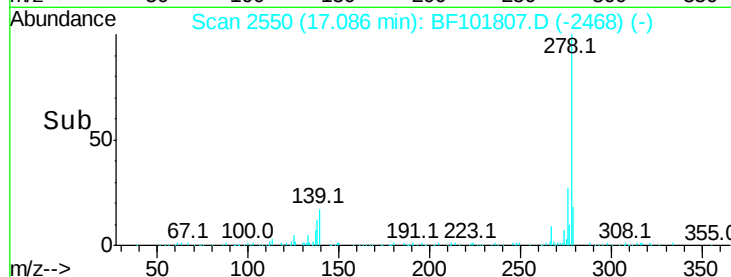
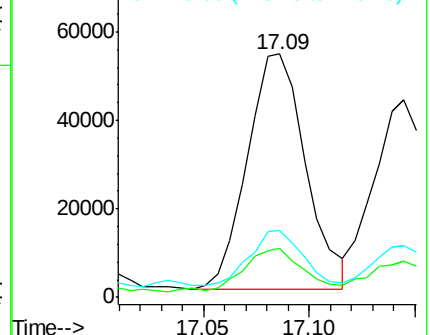
279 27.4 19.0 28.4



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: 27.957 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.02 min

Lab File: BF101807.D

Acq: 28 Dec 2017 17:25

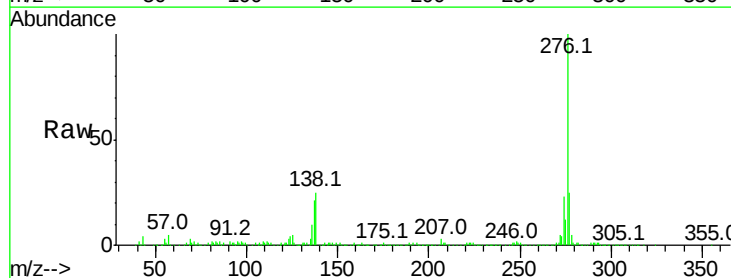
Tgt Ion:276 Resp: 394834

Ion Ratio Lower Upper

276 100

277 25.2 17.9 26.9

138 24.7 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

