

Data File : BF093168.D
Acq On : 25 Feb 2017 2:19
Operator : SJ/MA
Sample : I1955-03RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-3

Quant Time: Feb 25 02:47:32 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	164744	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	635265	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	259938	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	420788	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	292992	20.00	ng	-0.01
86) Perylene-d12	15.44	264	312635	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1192989	124.24	ng	-0.02
7) Phenol-d6	6.48	99	1406094	113.80	ng	-0.01
23) Nitrobenzene-d5	7.40	82	896600	78.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	250270	133.12	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1267214	88.32	ng	-0.02
78) Terphenyl-d14	12.95	244	702887	56.37	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.38	77	20856	2.36	ng	92
10) Phenol	6.49	94	88422	6.12	ng	82
15) Benzyl Alcohol	6.99	79	19665	2.15	ng	# 36
19) n-Nitroso-di-n-propylamine	7.40	70	122372	15.56	ng	# 82
25) Isophorone	7.40	82	808853	38.05	ng	# 65
31) Naphthalene	8.14	128	302829	9.40	ng	99
32) Benzoic acid	7.92	122	5262	7.97	ng	# 29
33) 4-Chloroaniline	8.14	127	40948	3.24	ng	# 37
49) Dimethylphthalate	9.60	163	109781	6.27	ng	99
57) Fluorene	10.42	166	32800	2.10	ng	95
64) 4,6-Dinitro-2-methylphenol	10.29	198	796	2.96	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	18425	4.19	ng	# 1
70) Phenanthrene	11.39	178	421480	17.48	ng	97
71) Anthracene	11.44	178	129504	5.35	ng	97
73) Di-n-butylphthalate	11.93	149	100250	4.01	ng	# 98
74) Fluoranthene	12.58	202	688925	27.70	ng	98
77) Pyrene	12.81	202	699267	31.89	ng	98
80) Benzo(a)anthracene	14.00	228	474430	26.48	ng	98
82) Chrysene	14.00	228	474430	28.28	ng	96
85) Indeno(1,2,3-cd)pyrene	16.84	276	322968	24.85	ng	96
87) Benzo(b)fluoranthene	15.03	252	812203	39.47	ng	# 96
88) Benzo(k)fluoranthene	15.03	252	812203	45.71	ng	# 96
89) Benzo(a)pyrene	15.38	252	497759	27.96	ng	# 96
90) Dibenzo(a,h)anthracene	17.01	278	67814	4.71	ng	95
91) Benzo(g,h,i)perylene	17.28	276	307568	21.16	ng	# 91

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

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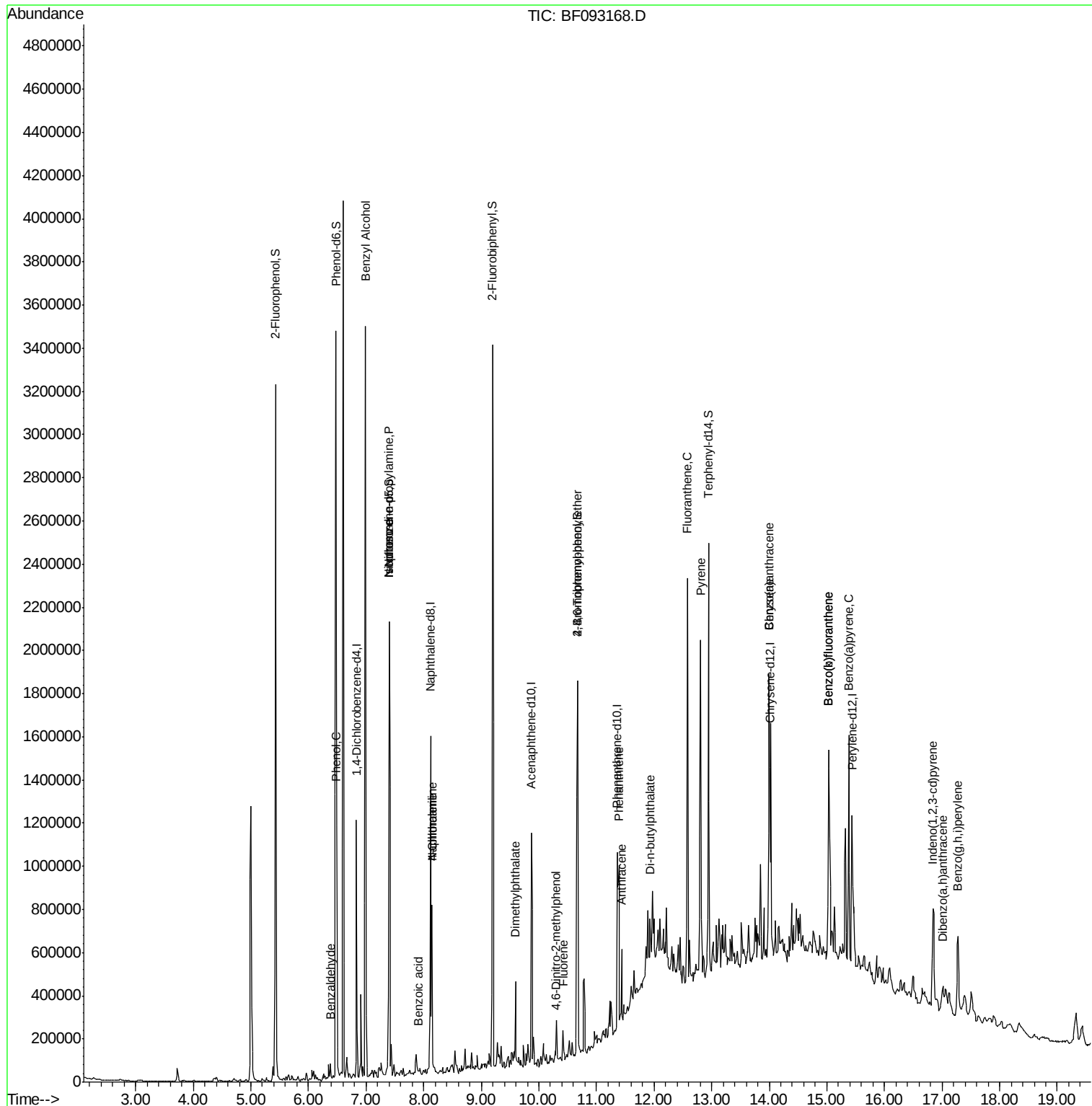
Quant Time: Feb 25 02:47:32 2017

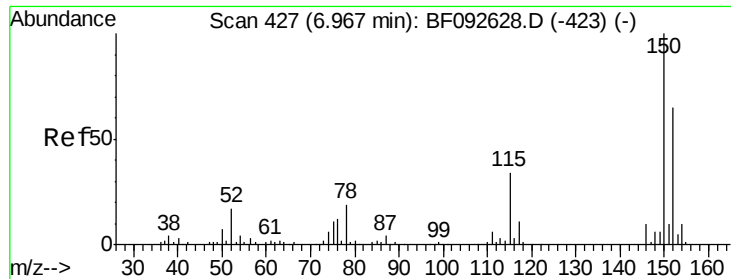
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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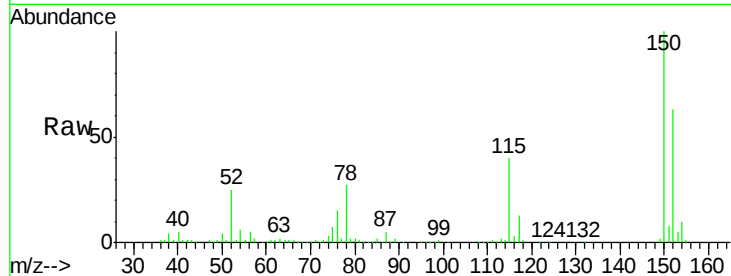




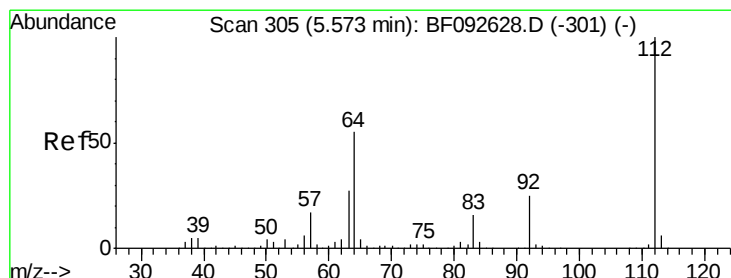
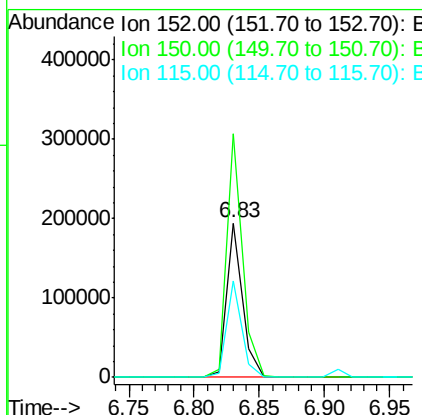
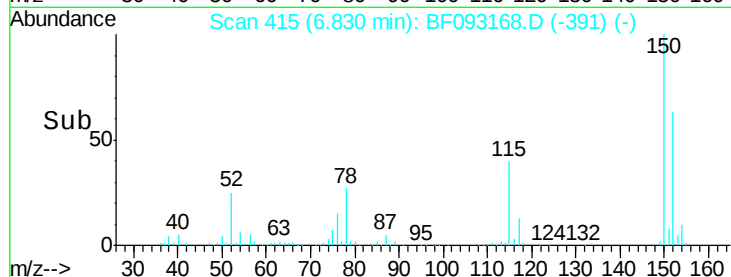
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF093168.D
 Acq: 25 Feb 2017 2:19

Instrument :
 BNA_F
 ClientSampleId :
 B1-3

Tgt Ion:152 Resp: 164744
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.9 187.3
 115 62.8 46.0 69.0

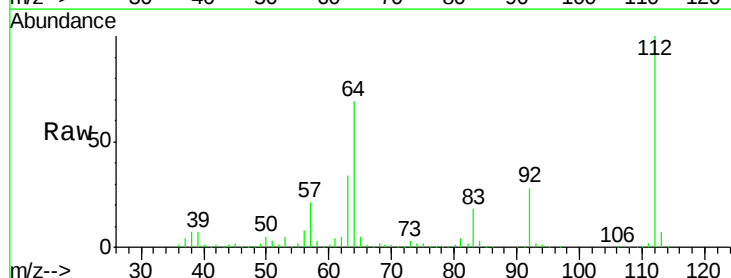


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

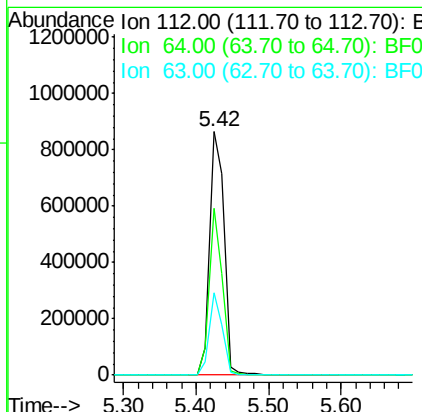
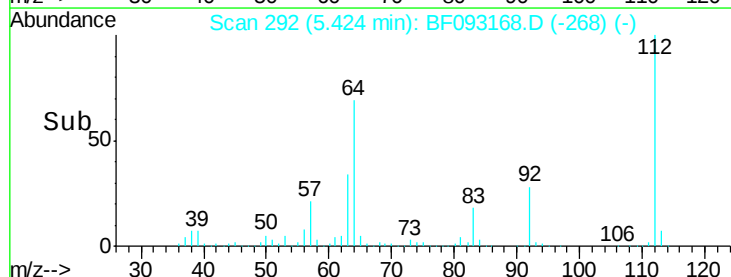


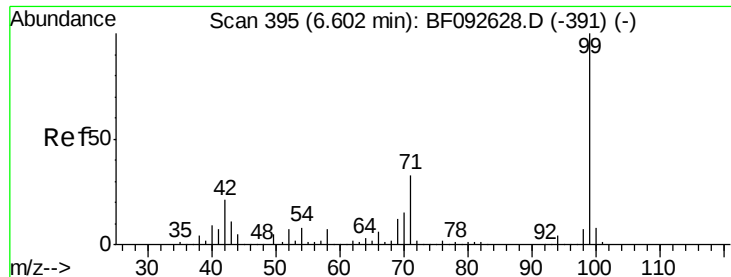
#5
 2-Fluorophenol
 Concen: 124.24 ng
 RT: 5.42 min Scan# 292
 Delta R.T. -0.02 min
 Lab File: BF093168.D
 Acq: 25 Feb 2017 2:19

Tgt Ion:112 Resp: 1192989
 Ion Ratio Lower Upper
 112 100
 64 68.5 46.1 69.1
 63 33.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.80 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Instrument :

BNA_F

ClientSampleId :

B1-3

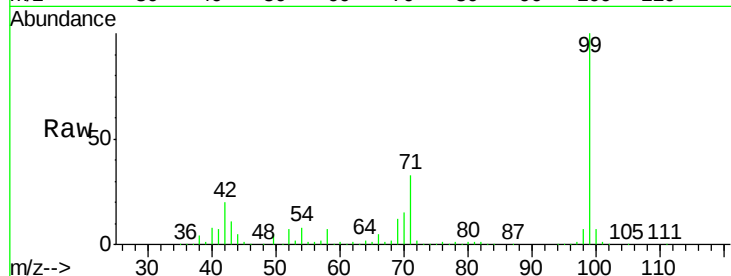
Tgt Ion: 99 Resp: 1406094

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

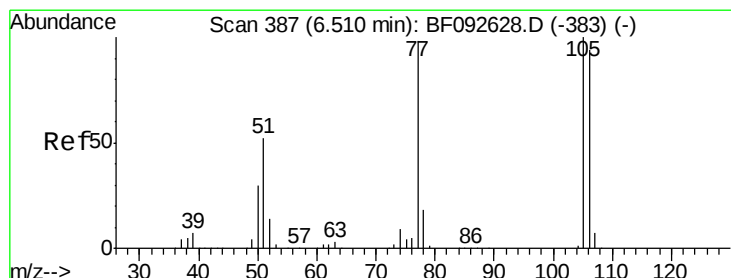
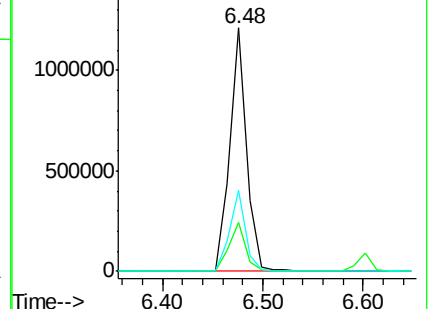
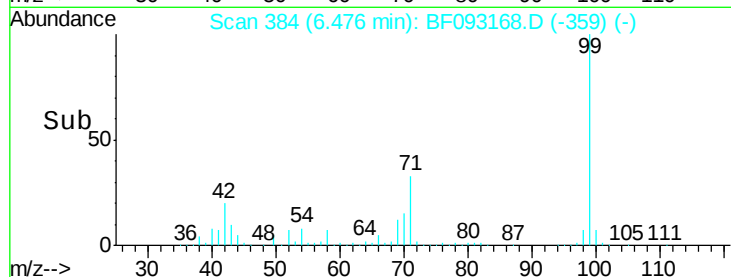
71 33.1 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.36 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

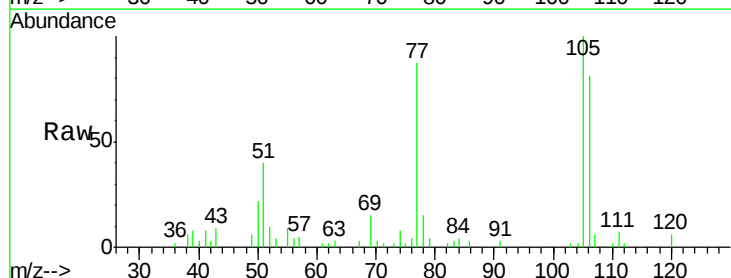
Tgt Ion: 77 Resp: 20856

Ion Ratio Lower Upper

77 100

105 114.3 83.9 123.9

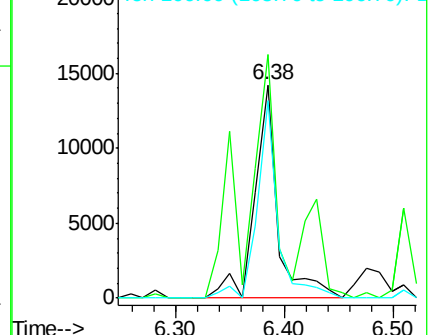
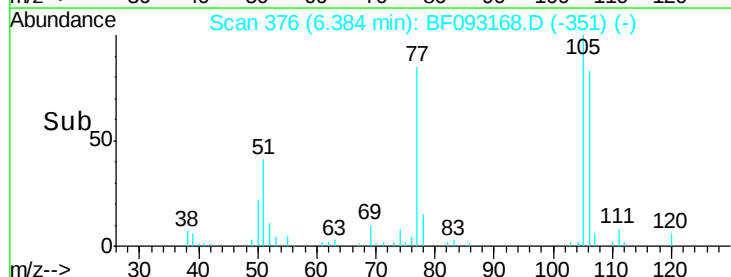
106 92.7 77.6 117.6

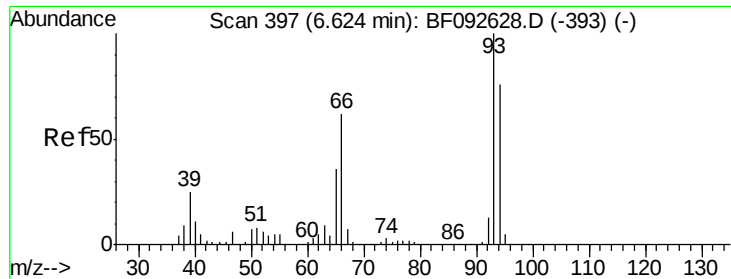


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.12 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Instrument :

BNA_F

ClientSampleId :

B1-3

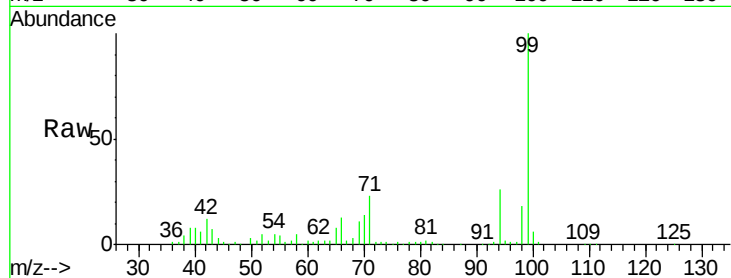
Tgt Ion: 94 Resp: 88422

Ion Ratio Lower Upper

94 100

65 31.5 21.4 61.4

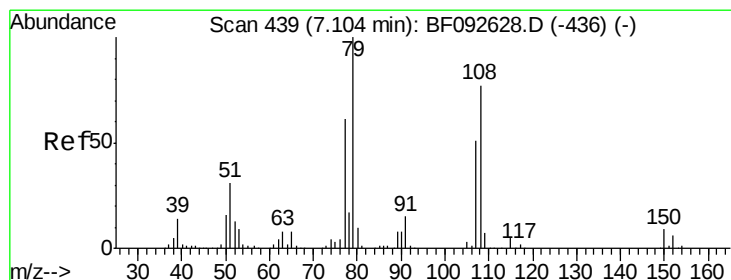
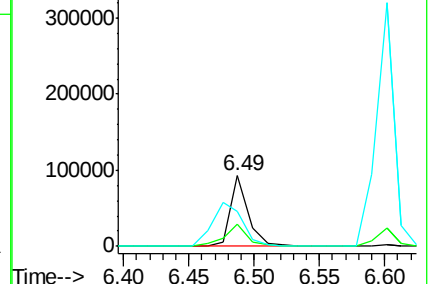
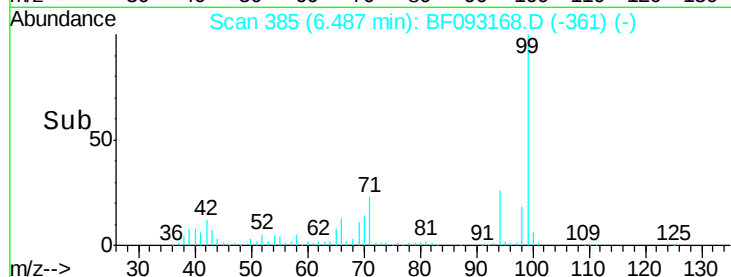
66 48.9 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

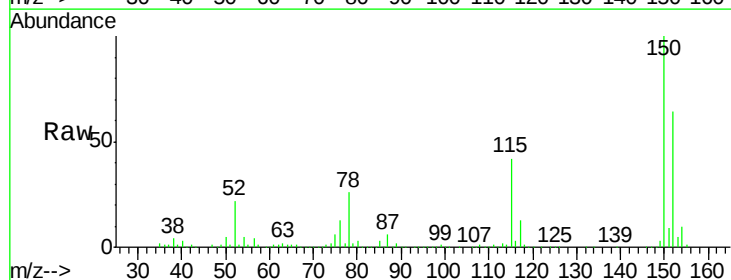
Tgt Ion: 79 Resp: 19665

Ion Ratio Lower Upper

79 100

108 28.5 61.4 92.0#

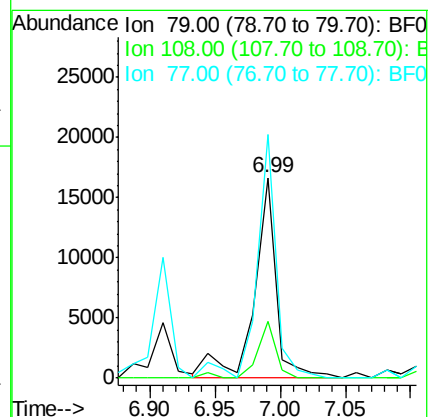
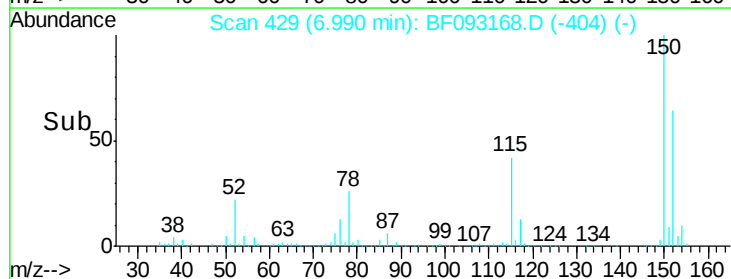
77 121.5 50.9 76.3#

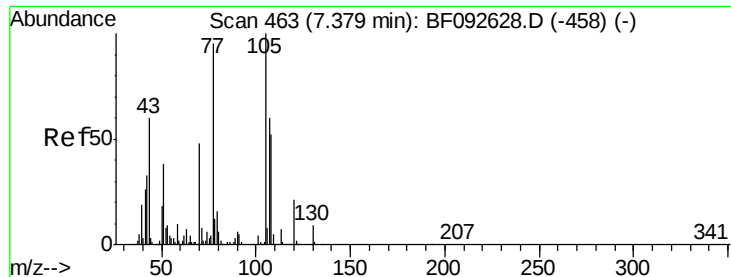


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

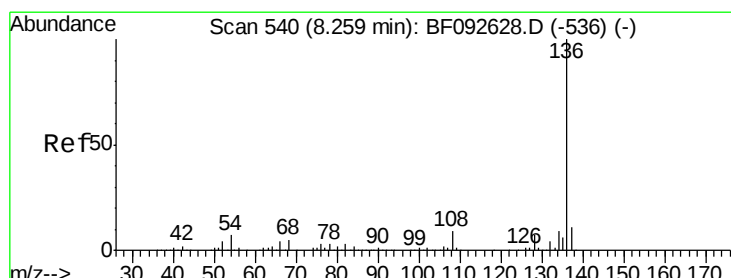
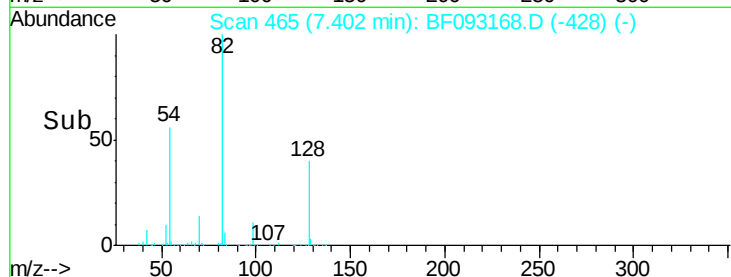
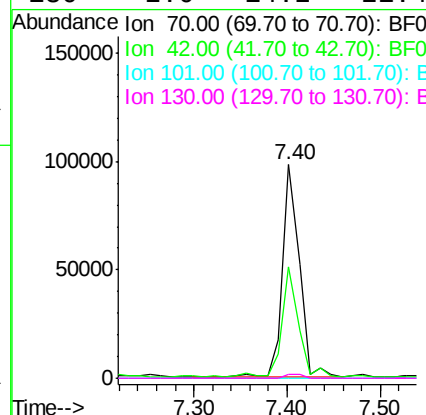
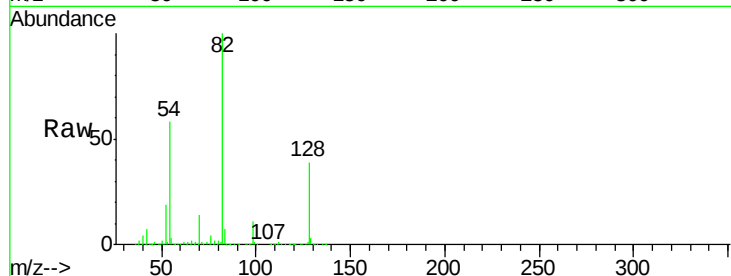




#19
n-Nitroso-di-n-propylamine
Concen: 15.56 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093168.D
Acq: 25 Feb 2017 2:19

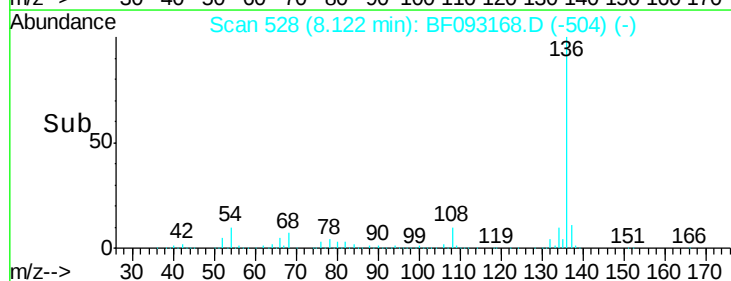
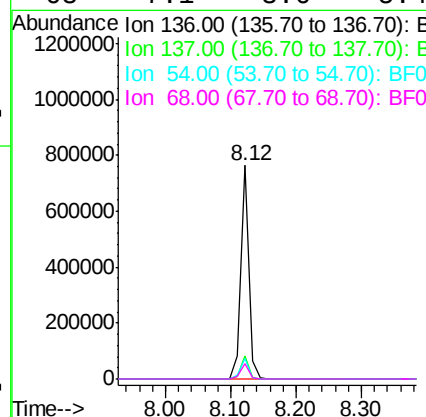
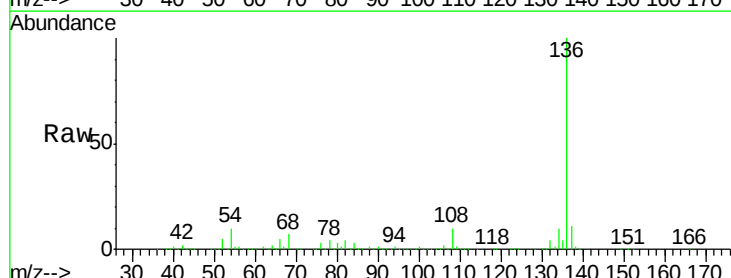
Instrument :
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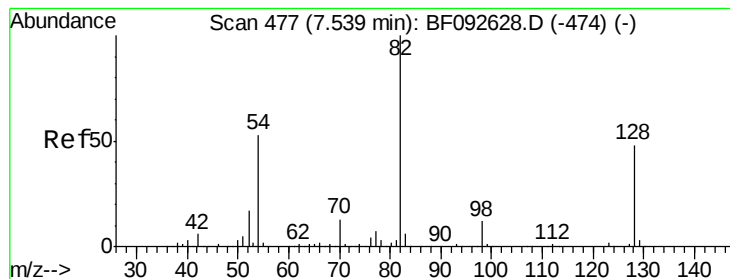
Tgt Ion:	70	Resp:	122372
Ion	Ratio	Lower	Upper
70	100		
42	52.4	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093168.D
Acq: 25 Feb 2017 2:19

Tgt Ion:	136	Resp:	635265
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.8	4.5	6.7#
68	7.1	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 78.60 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Instrument :

BNA_F

ClientSampled :

B1-3

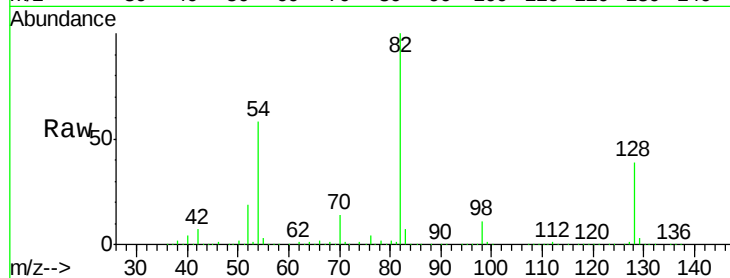
Tgt Ion: 82 Resp: 896600

Ion Ratio Lower Upper

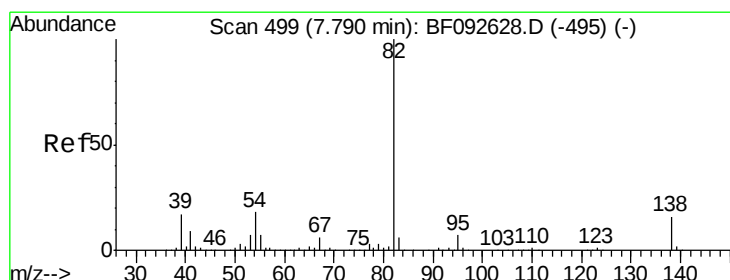
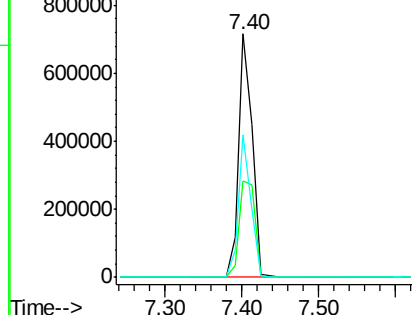
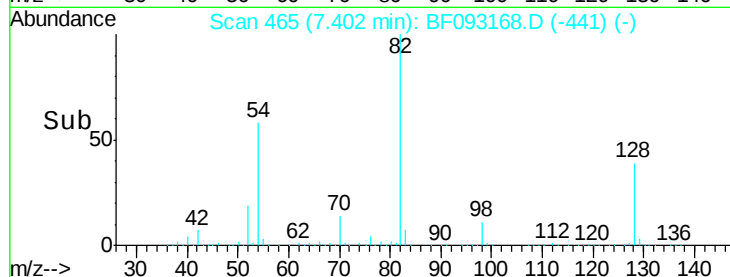
82 100

128 39.4 34.6 52.0

54 58.3 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 38.05 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.29 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

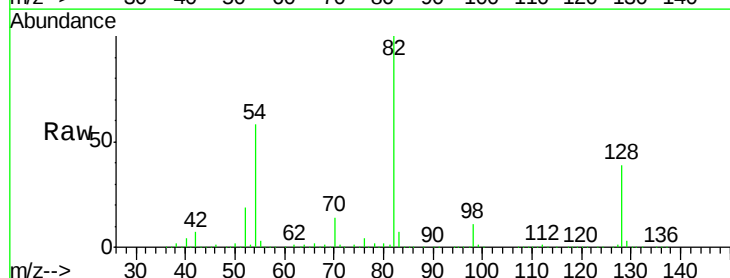
Tgt Ion: 82 Resp: 808853

Ion Ratio Lower Upper

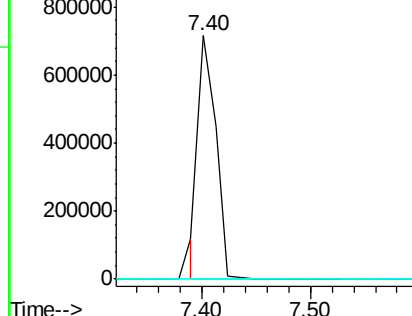
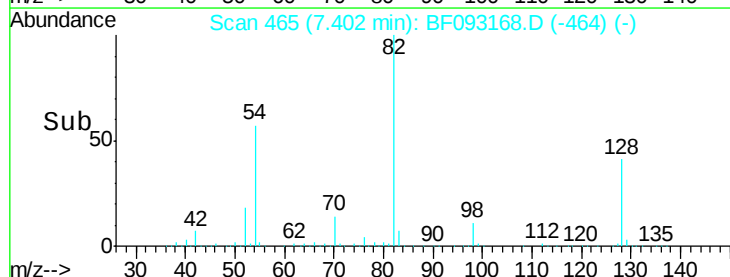
82 100

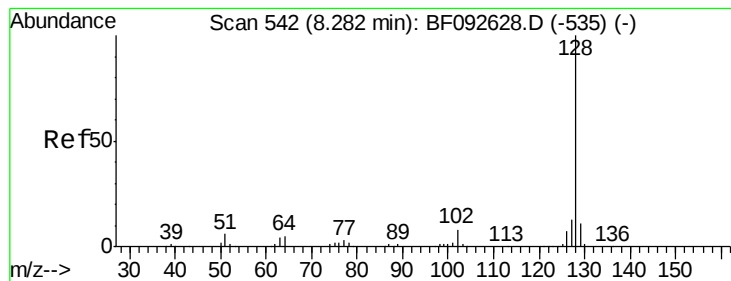
95 0.2 5.6 8.4#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 9.40 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Instrument :

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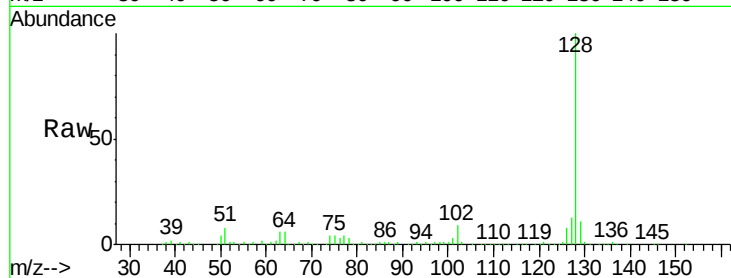
Tgt Ion:128 Resp: 302829

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

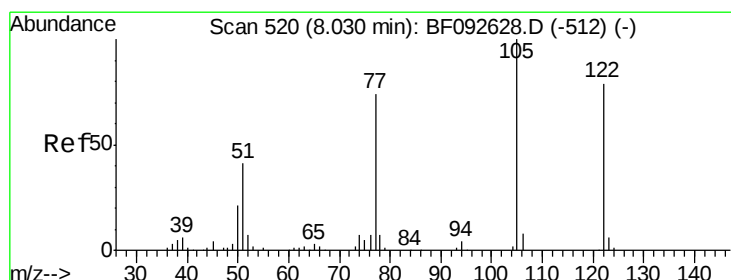
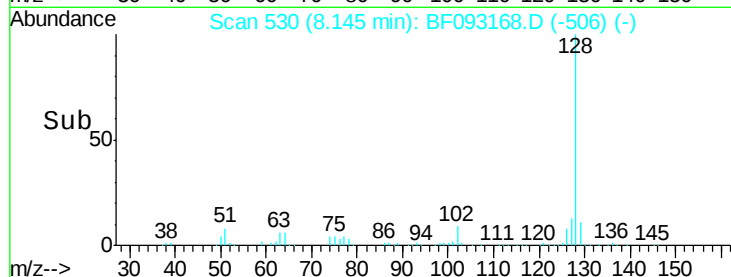
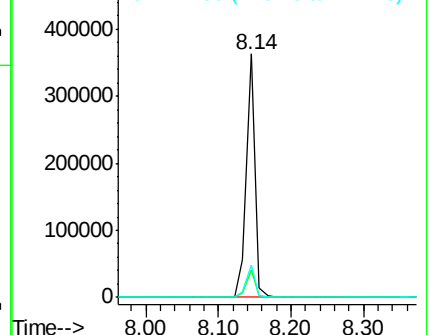
127 13.4 10.8 16.2



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: 7.97 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

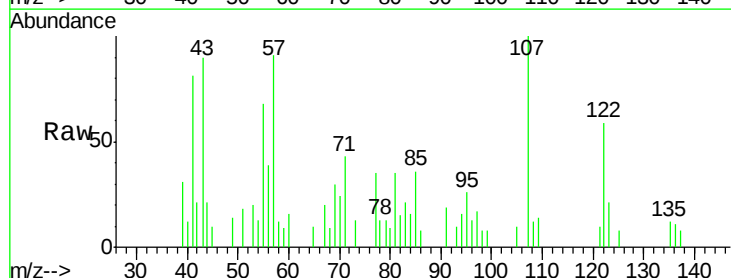
Tgt Ion:122 Resp: 5262

Ion Ratio Lower Upper

122 100

105 16.4 107.2 147.2#

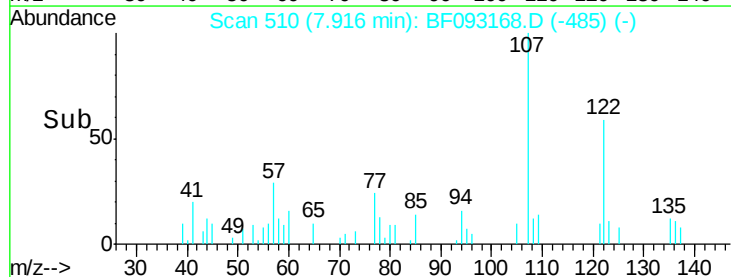
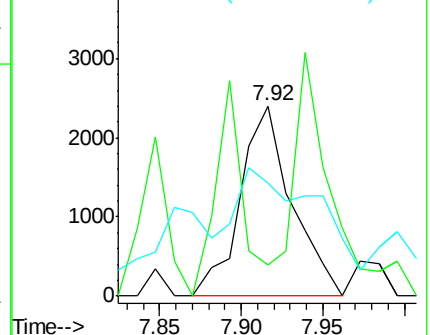
77 59.2 74.5 114.5#

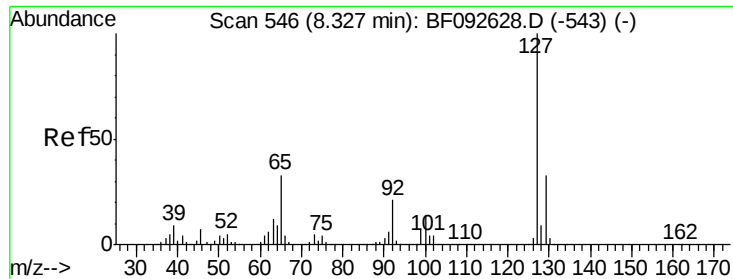


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

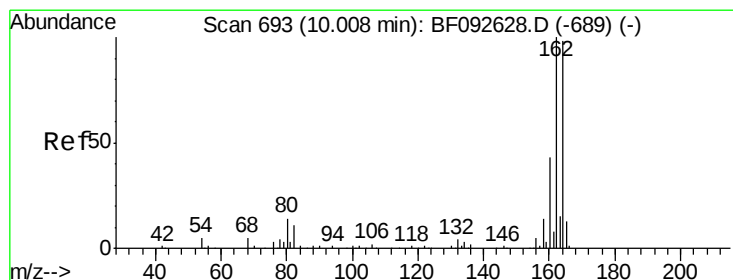
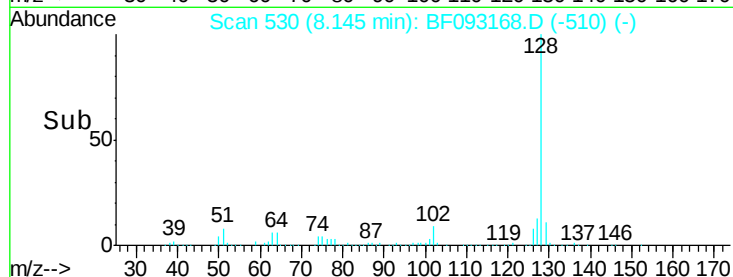
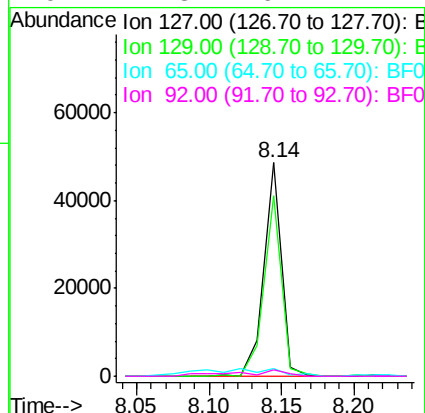
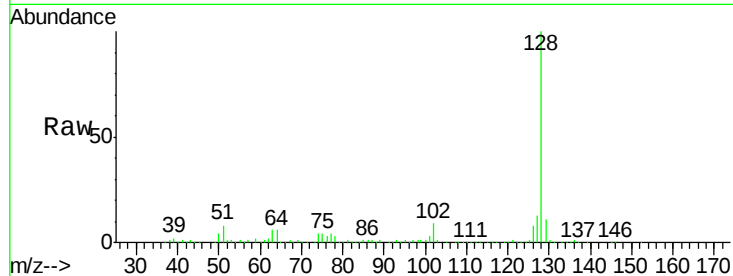




#33
 4-Chloroaniline
 Concen: 3.24 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.07 min
 Lab File: BF093168.D
 Acq: 25 Feb 2017 2:19

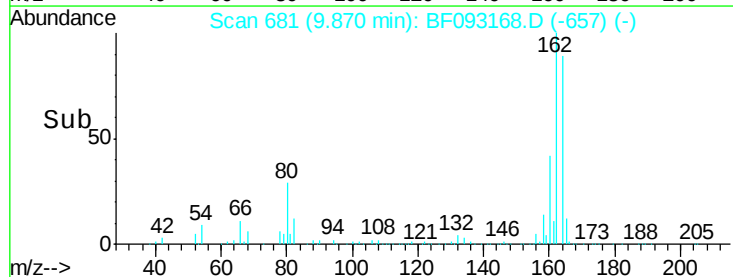
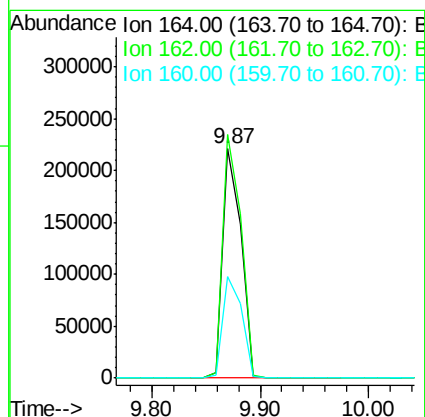
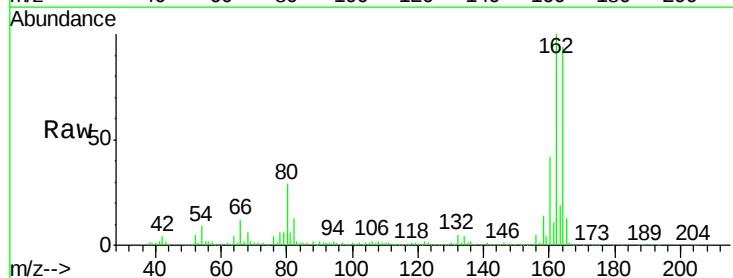
Instrument :
 BNA_F
 ClientSampleId :
 B1-3

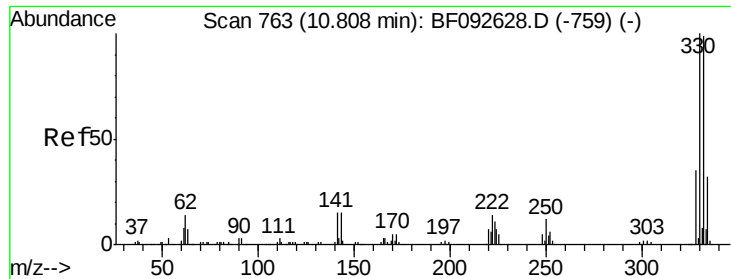
Tgt Ion:	127	Resp:	40948
Ion Ratio		Lower	Upper
127	100		
129	84.2	26.3	39.5#
65	3.6	25.8	38.8#
92	2.8	16.1	24.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093168.D
 Acq: 25 Feb 2017 2:19

Tgt Ion:	164	Resp:	259938
Ion Ratio		Lower	Upper
164	100		
162	106.1	80.2	120.2
160	44.5	36.9	55.3

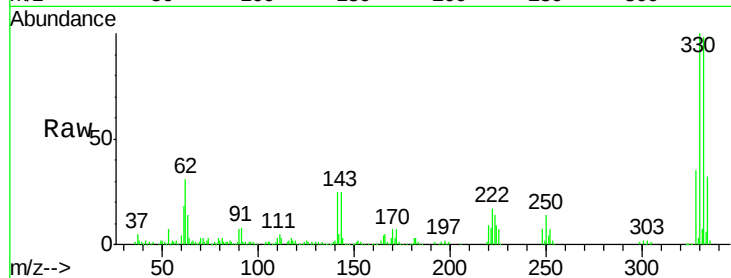




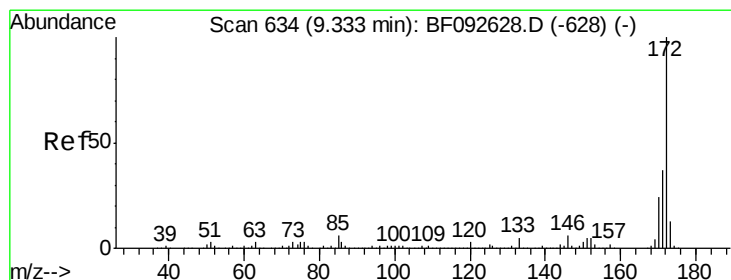
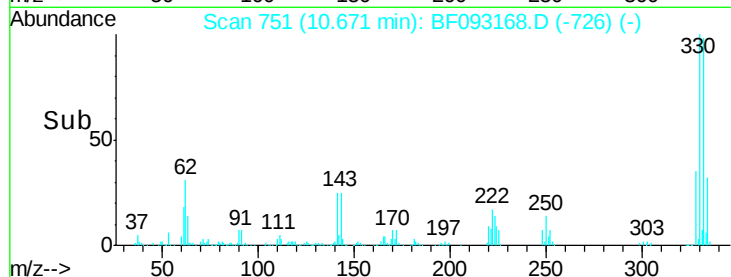
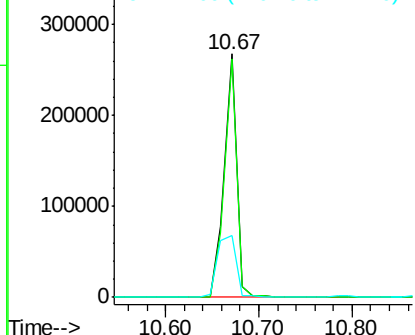
#41
 2,4,6-Tribromophenol
 Concen: 133.12 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093168.D
 Acq: 25 Feb 2017 2:19

Instrument :
 BNA_F
 ClientSampleId :
 B1-3

Tgt Ion:330 Resp: 250270
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 37.3 34.1 51.1

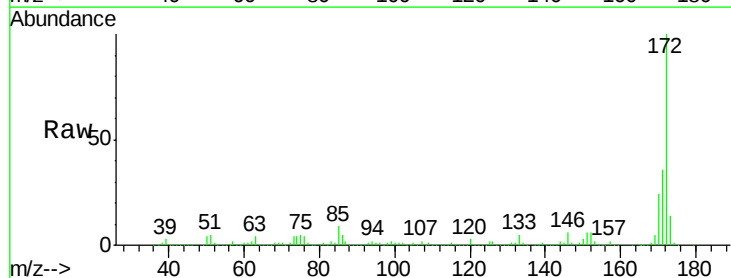


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

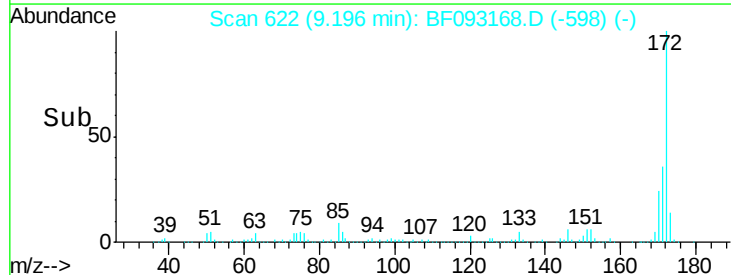
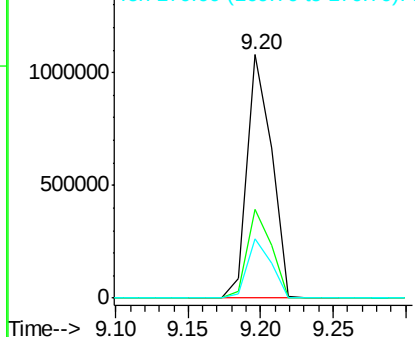


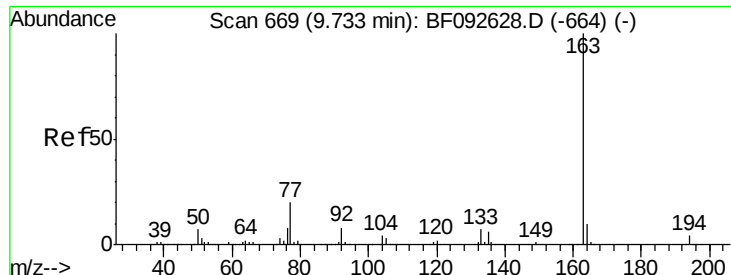
#44
 2-Fluorobiphenyl
 Concen: 88.32 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093168.D
 Acq: 25 Feb 2017 2:19

Tgt Ion:172 Resp: 1267214
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.3 20.2 30.4



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

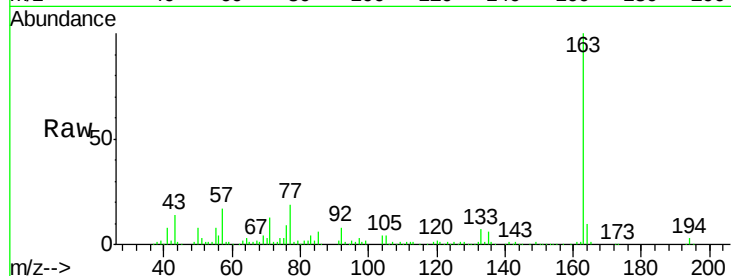




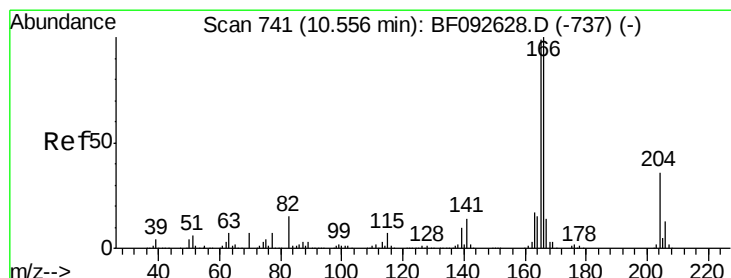
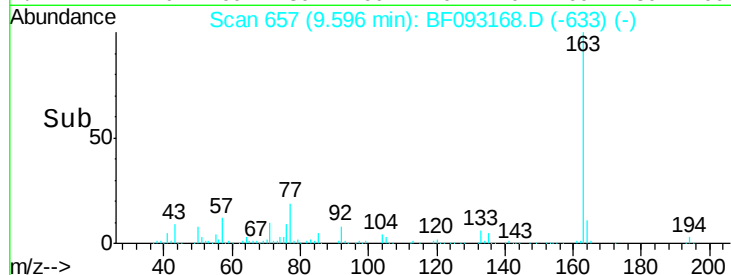
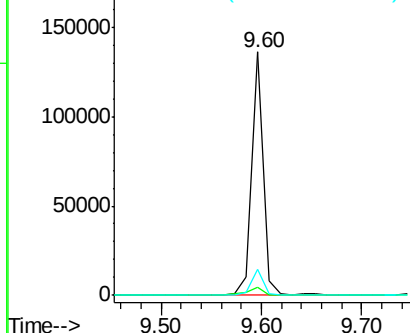
#49
Dimethylphthalate
Concen: 6.27 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093168.D
Acq: 25 Feb 2017 2:19

Instrument :
BNA_F
ClientSampleId :
B1-3

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.5	8.0	12.0

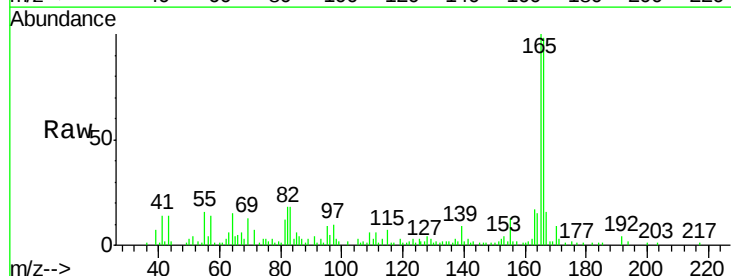


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

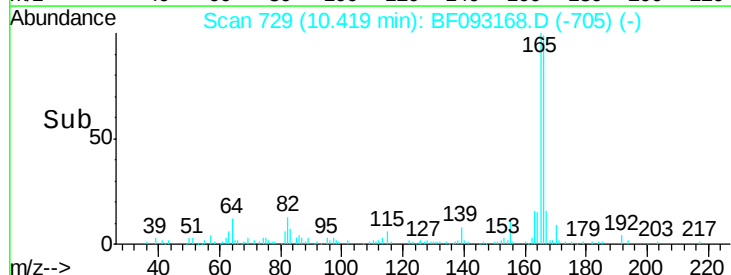
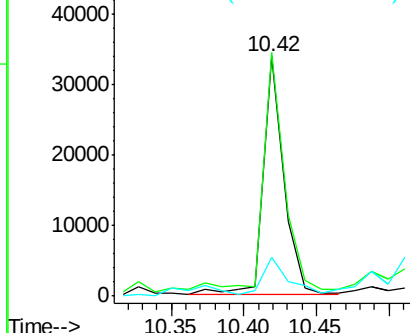


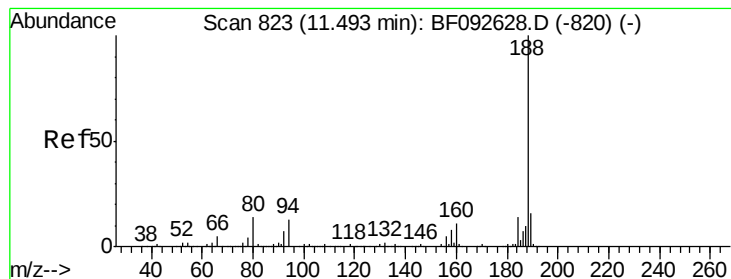
#57
Fluorene
Concen: 2.10 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF093168.D
Acq: 25 Feb 2017 2:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	77.8	116.8
167	16.0	10.8	16.2



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: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Instrument :

BNA_F

ClientSampleId :

B1-3

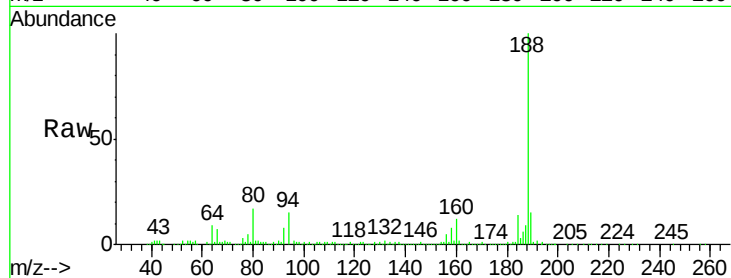
Tgt Ion:188 Resp: 420788

Ion Ratio Lower Upper

188 100

94 15.4 10.0 15.0#

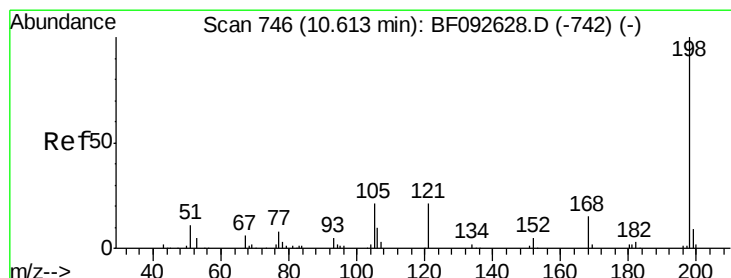
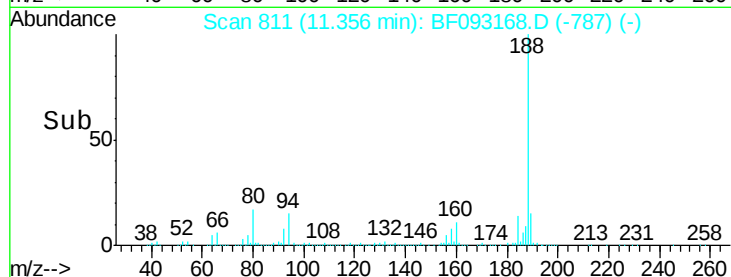
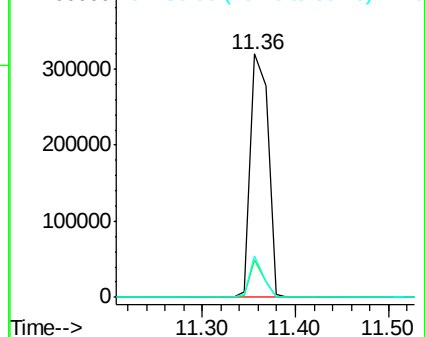
80 17.1 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 2.96 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.21 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

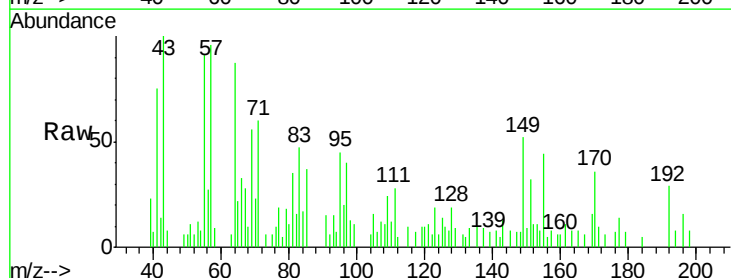
Tgt Ion:198 Resp: 796

Ion Ratio Lower Upper

198 100

51 146.9 6.7 46.7#

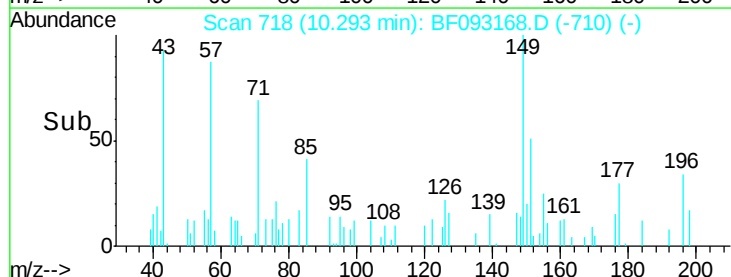
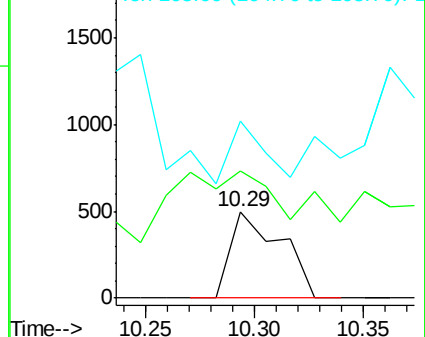
105 205.2 16.6 56.6#

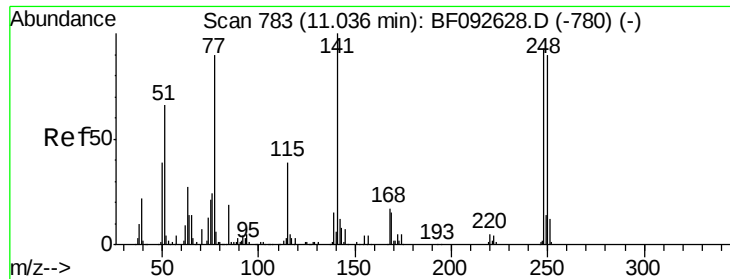


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

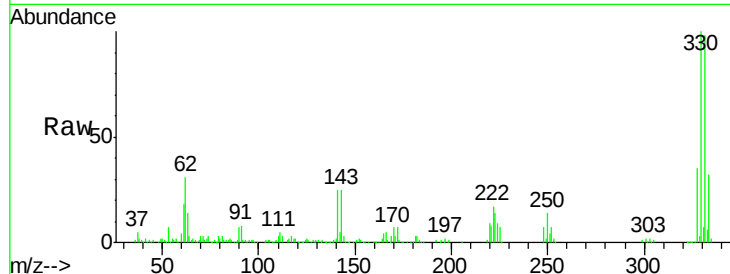




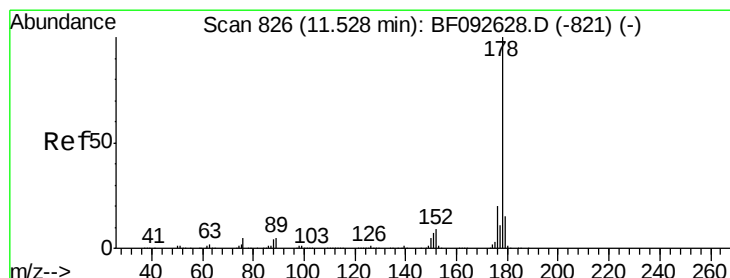
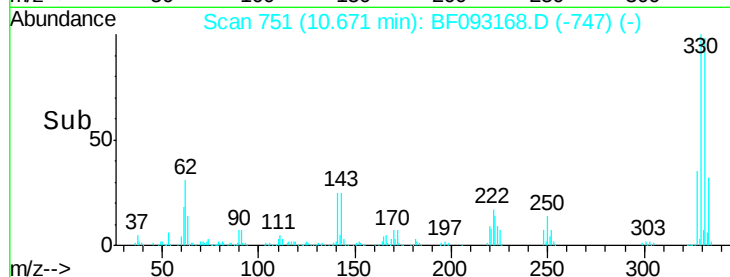
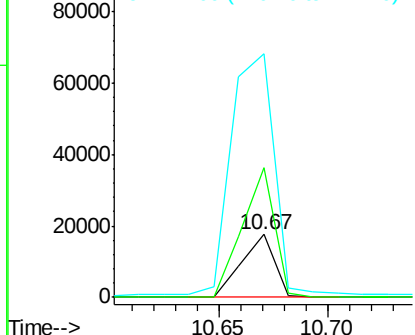
#66
 4-Bromophenyl-phenylether
 Concen: 4.19 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093168.D
 Acq: 25 Feb 2017 2:19

Instrument :
 BNA_F
 ClientSampled :
 B1-3

Tgt Ion:248 Resp: 18425
 Ion Ratio Lower Upper
 248 100
 250 205.9 76.9 115.3#
 141 386.7 68.2 102.4#

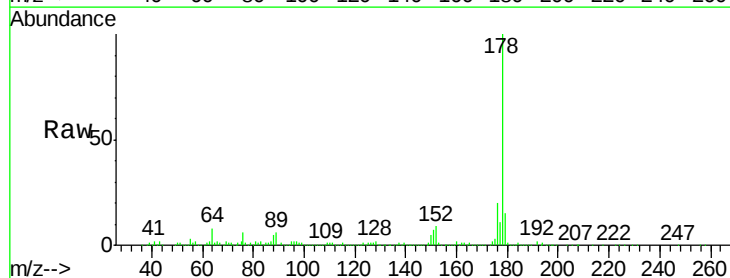


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

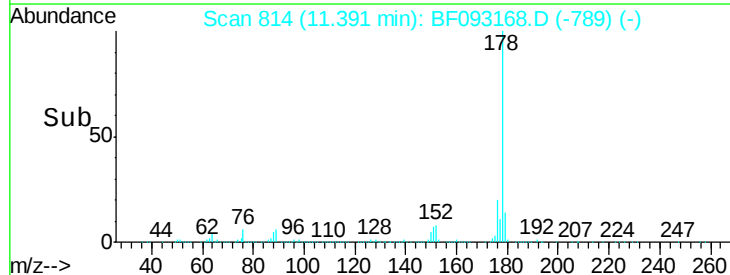
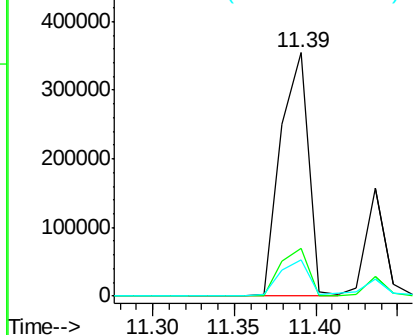


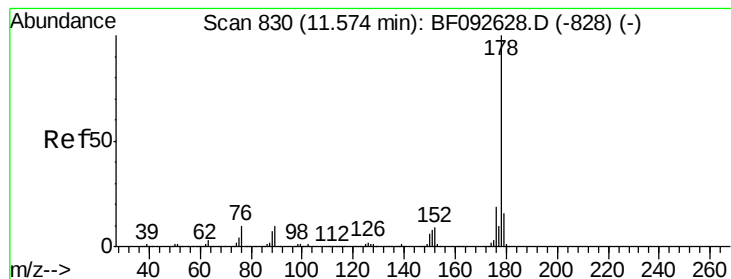
#70
 Phenanthrene
 Concen: 17.48 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093168.D
 Acq: 25 Feb 2017 2:19

Tgt Ion:178 Resp: 421480
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.6 25.0
 179 14.6 12.8 19.2



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





#71

Anthracene

Concen: 5.35 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Instrument :

BNA_F

ClientSampleId :

B1-3

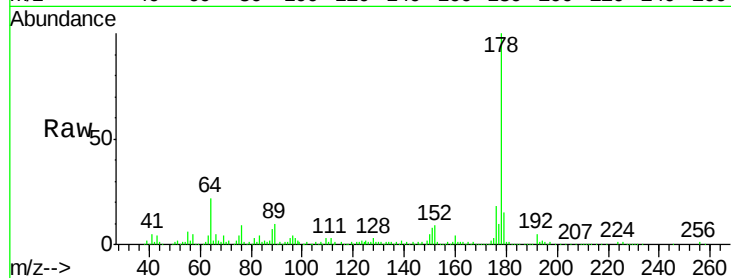
Tgt Ion:178 Resp: 129504

Ion Ratio Lower Upper

178 100

176 18.3 15.9 23.9

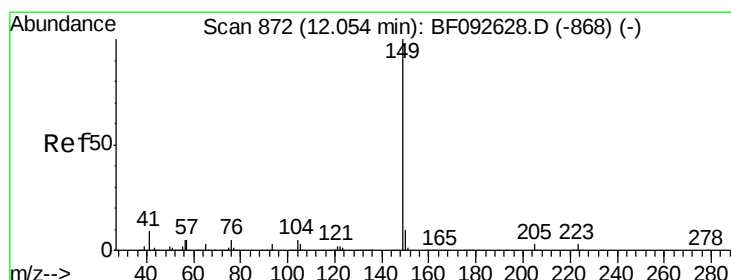
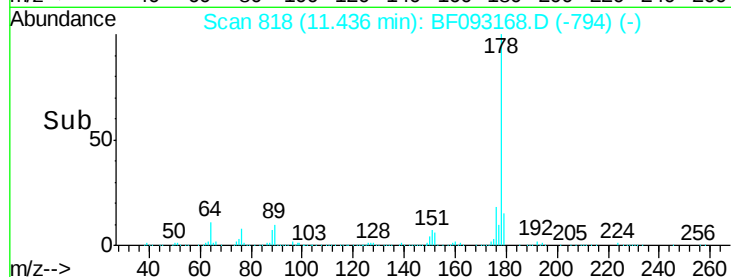
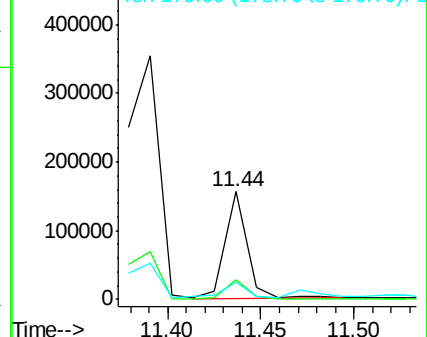
179 15.4 13.2 19.8



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



#73

Di-n-butylphthalate

Concen: 4.01 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

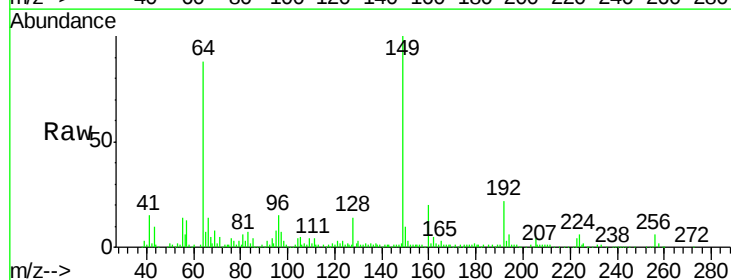
Tgt Ion:149 Resp: 100250

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

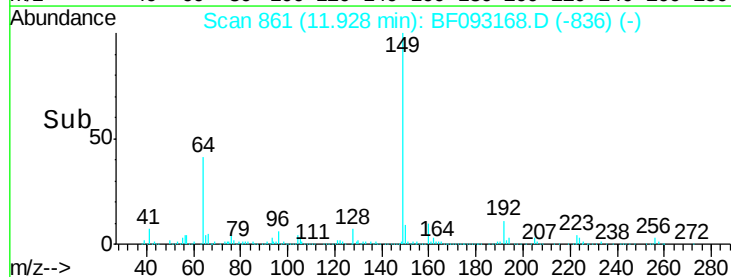
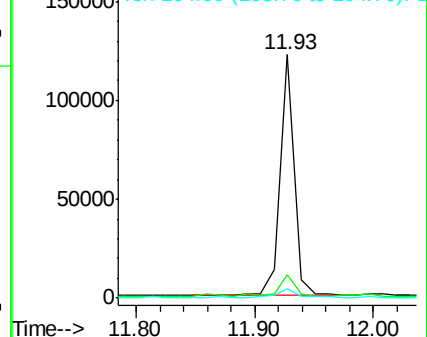
104 4.0 4.6 7.0#

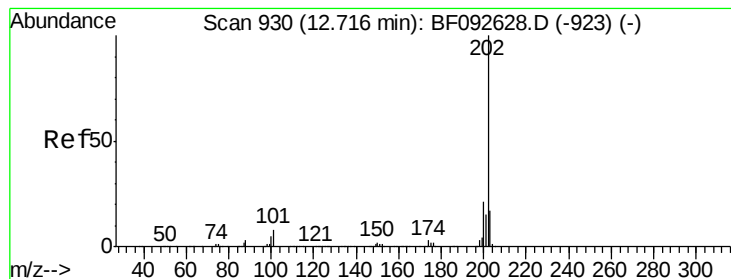


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 27.70 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Instrument :

BNA_F

ClientSampleId :

B1-3

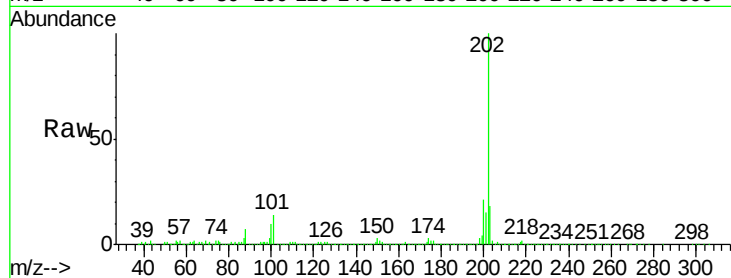
Tgt Ion:202 Resp: 688925

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.6

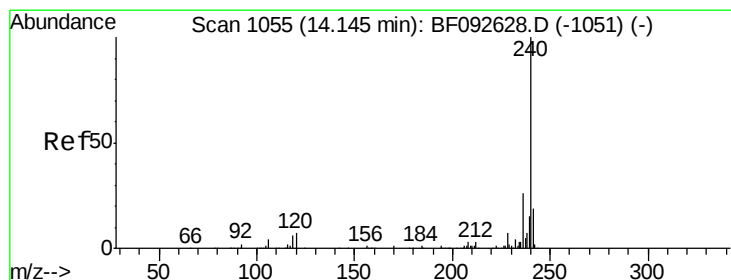
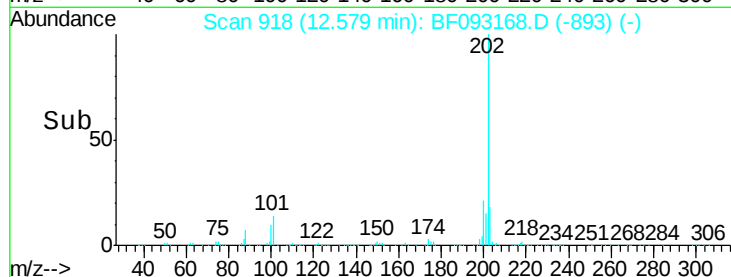
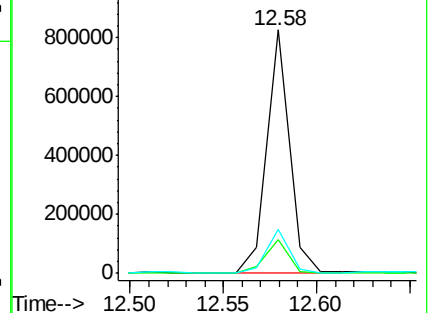
203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

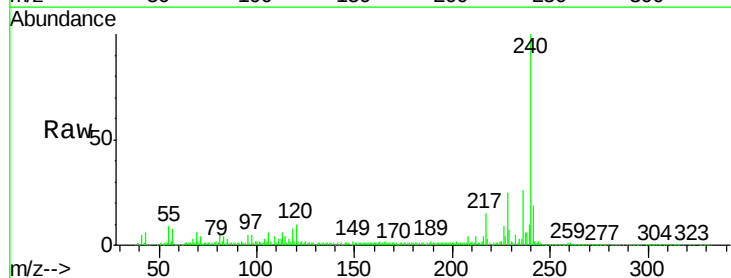
Tgt Ion:240 Resp: 292992

Ion Ratio Lower Upper

240 100

120 9.5 12.9 19.3#

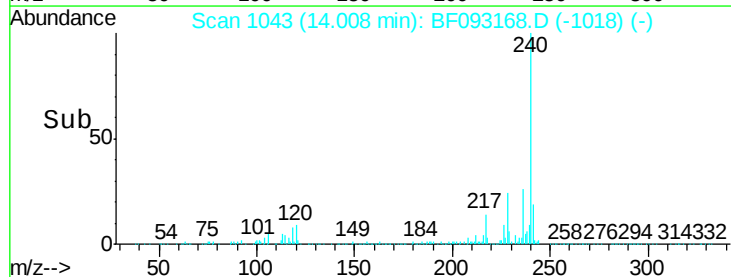
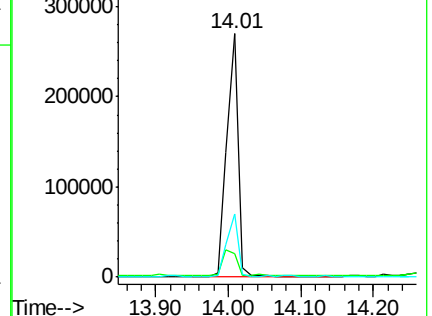
236 25.8 20.9 31.3

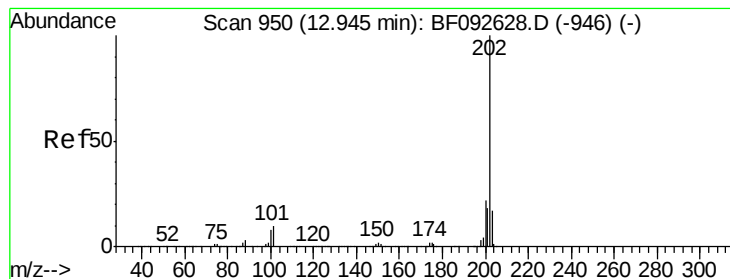


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 31.89 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Instrument :

BNA_F

ClientSampleId :

B1-3

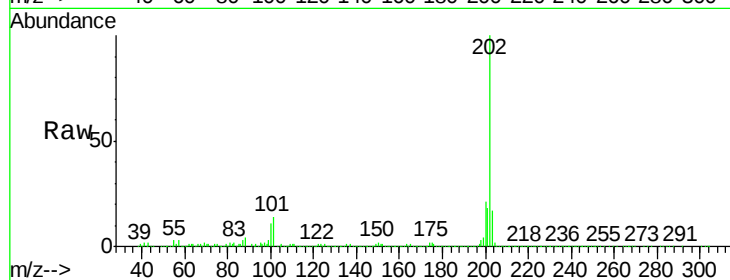
Tgt Ion:202 Resp: 699267

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

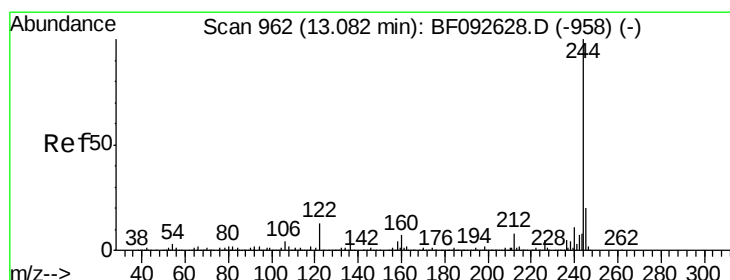
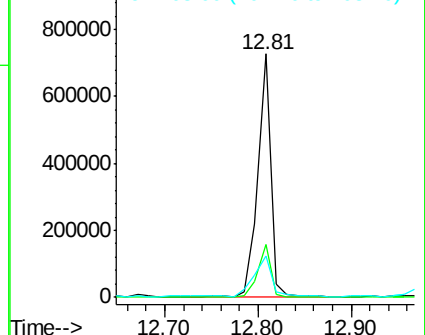
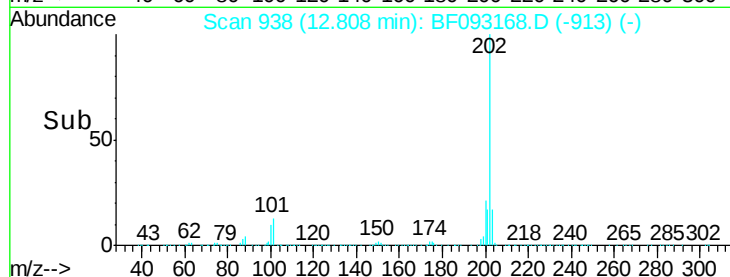
203 17.2 14.7 22.1



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: 56.37 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

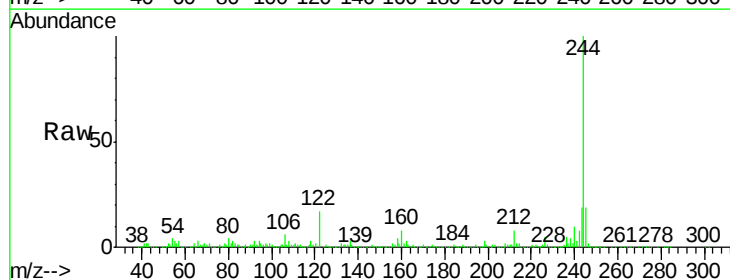
Tgt Ion:244 Resp: 702887

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

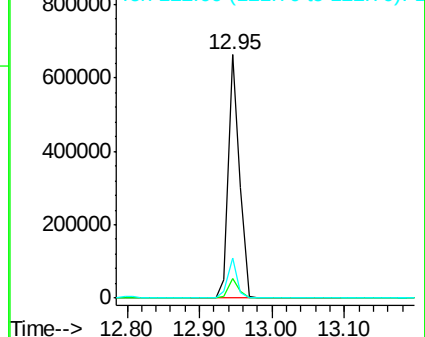
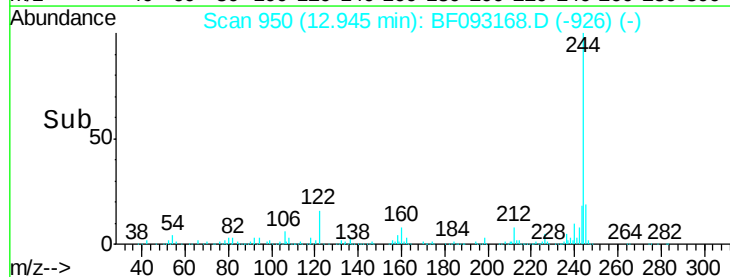
122 16.5 11.4 17.2

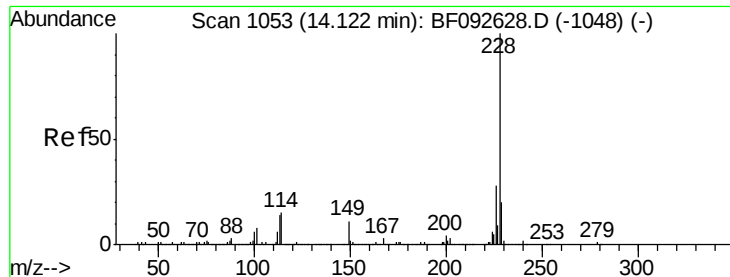


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 26.48 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Instrument :

BNA_F

ClientSampleId :

B1-3

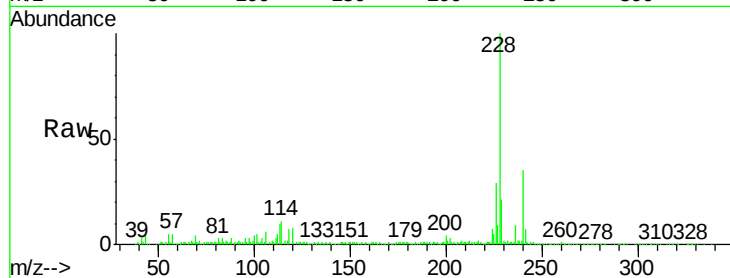
Tgt Ion:228 Resp: 474430

Ion Ratio Lower Upper

228 100

226 29.3 22.4 33.6

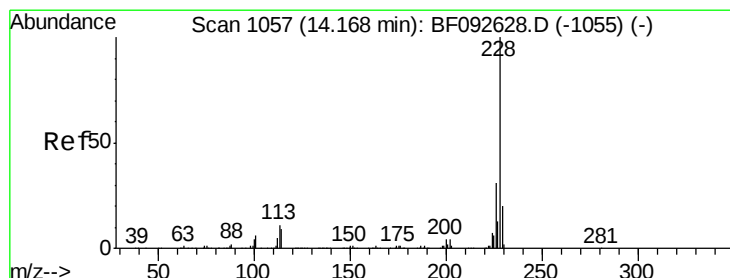
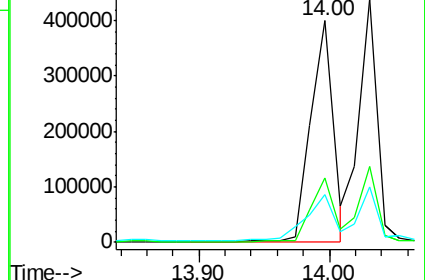
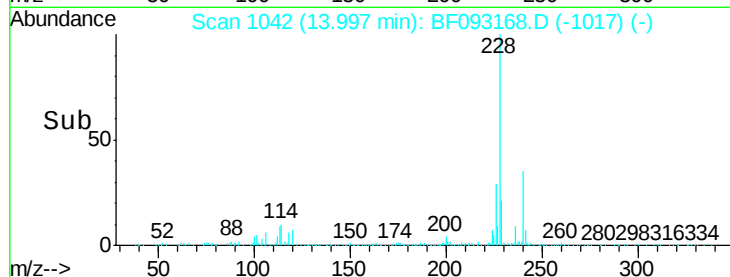
229 21.4 16.2 24.4



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



#82

Chrysene

Concen: 28.28 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

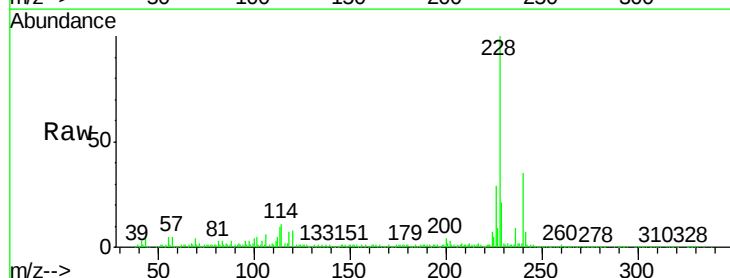
Tgt Ion:228 Resp: 474430

Ion Ratio Lower Upper

228 100

226 29.3 25.4 38.0

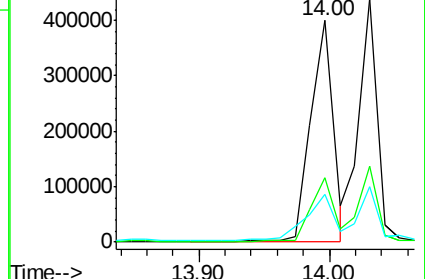
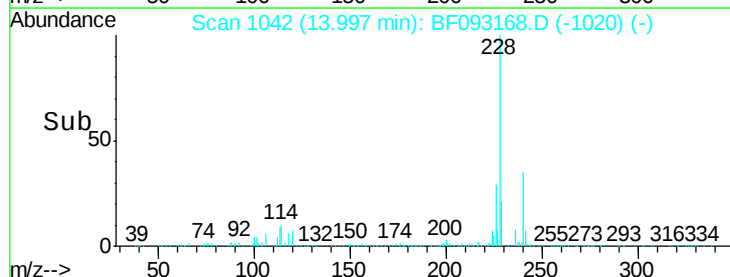
229 21.4 16.2 24.2

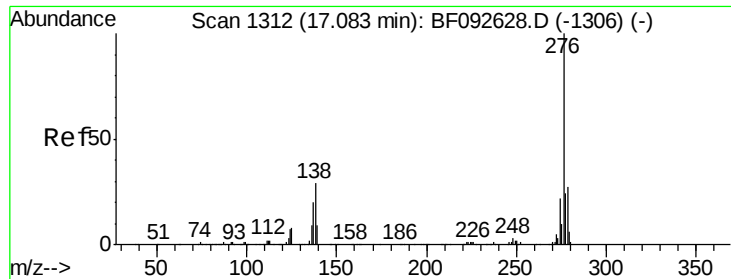


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

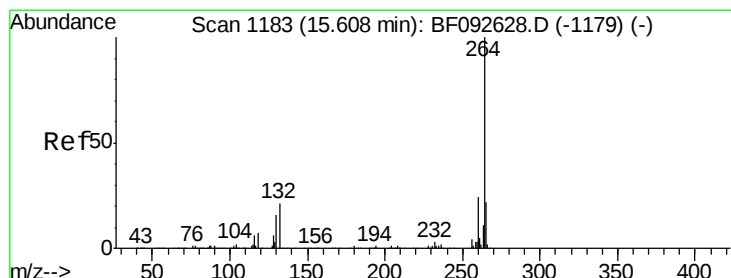
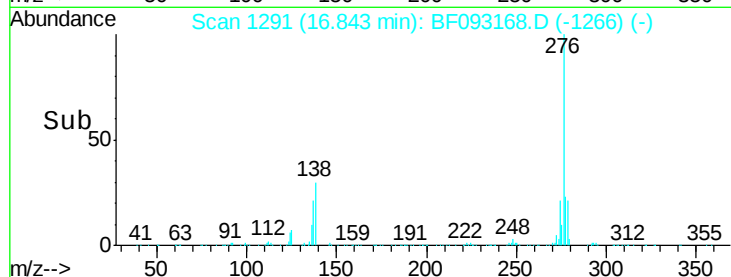
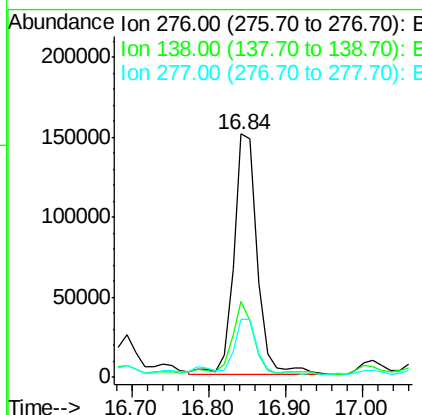
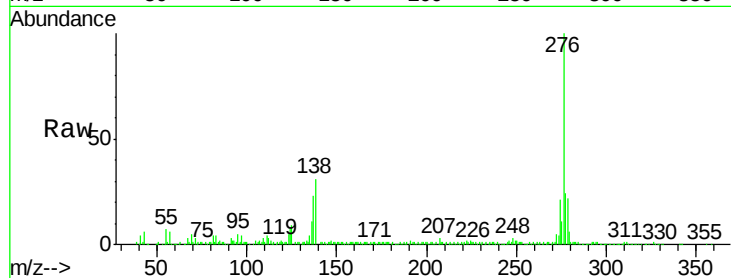




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.85 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF093168.D
 Acq: 25 Feb 2017 2:19

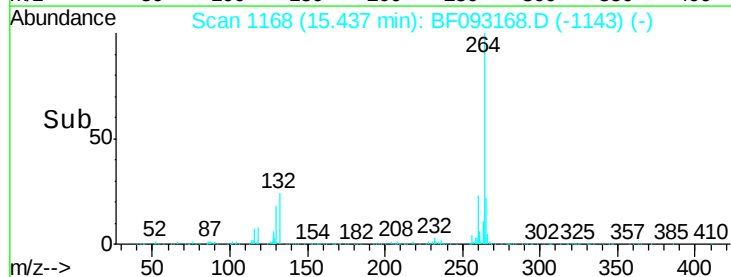
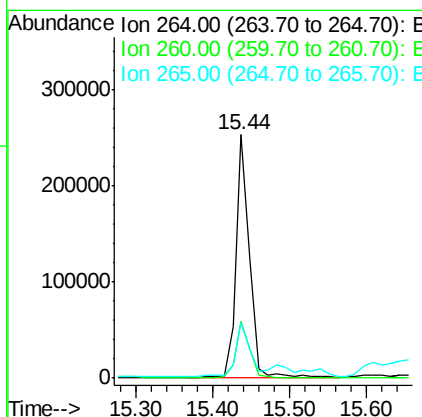
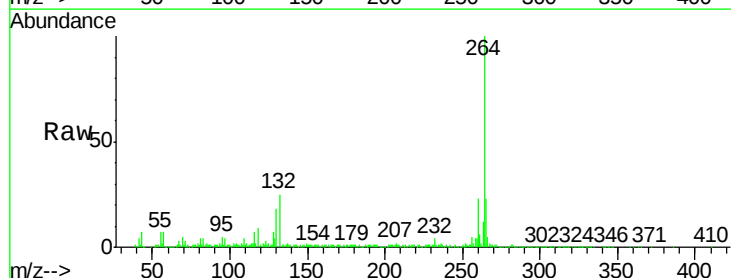
Instrument :
 BNA_F
 ClientSampleId :
 B1-3

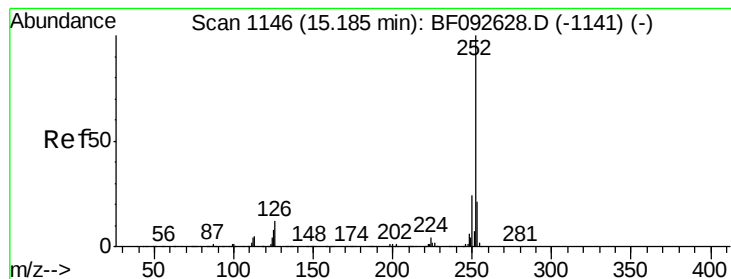
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.8	32.6
277	21.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093168.D
 Acq: 25 Feb 2017 2:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 39.47 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

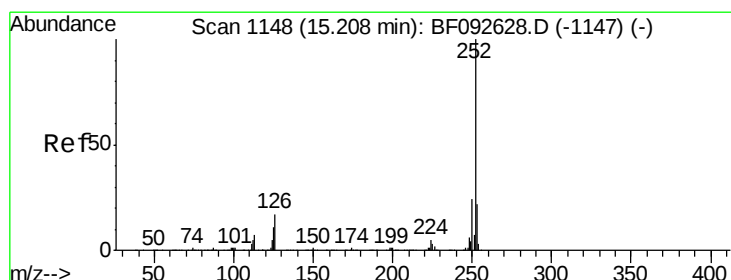
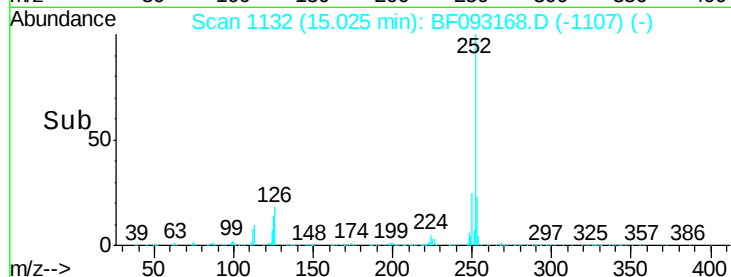
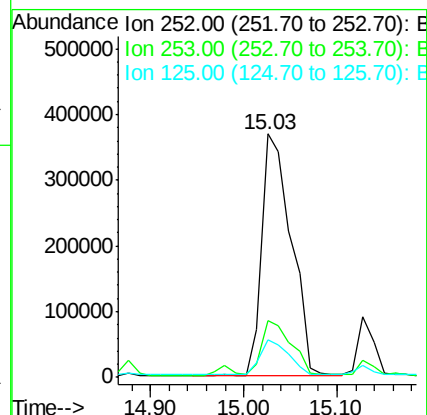
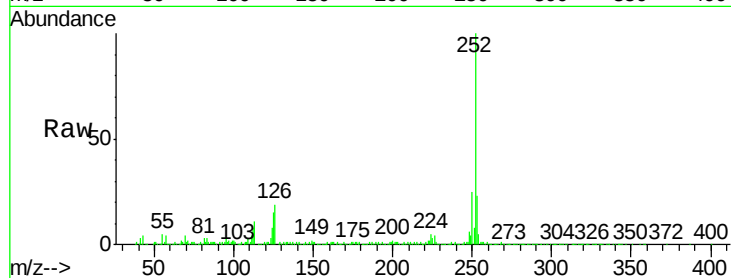
Instrument :

BNA_F

ClientSampleId :

B1-3

Tgt Ion:	252	Resp:	812203
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.4
125	15.2	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 45.71 ng

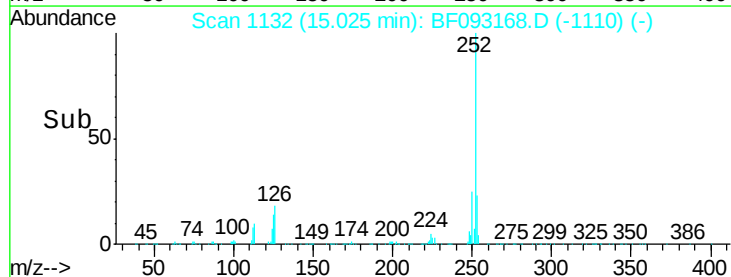
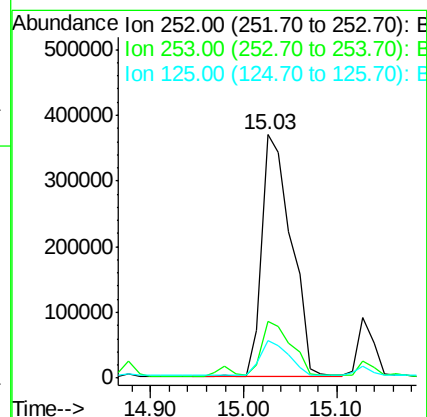
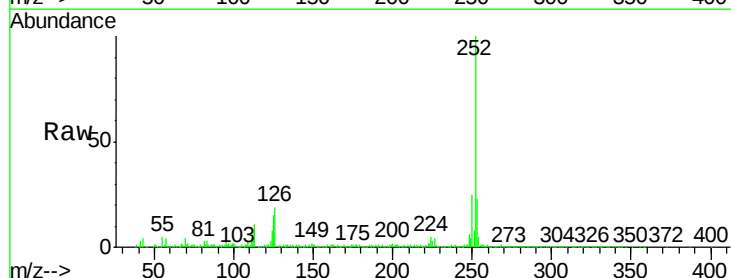
RT: 15.03 min Scan# 1132

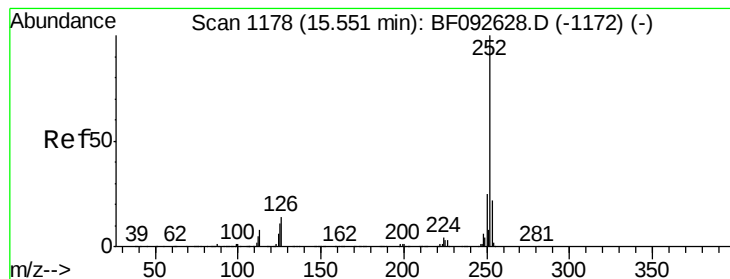
Delta R.T. -0.05 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Tgt Ion:	252	Resp:	812203
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.5	27.7
125	15.2	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 27.96 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Instrument :

BNA_F

ClientSampled :

B1-3

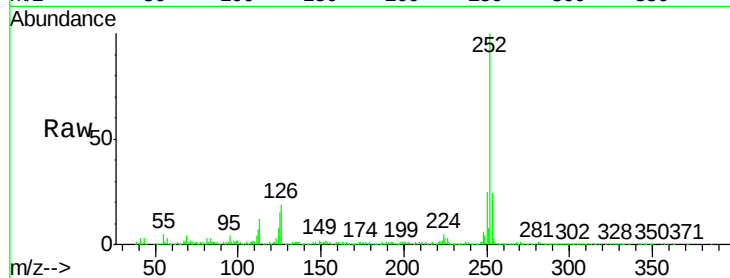
Tgt Ion:252 Resp: 497759

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

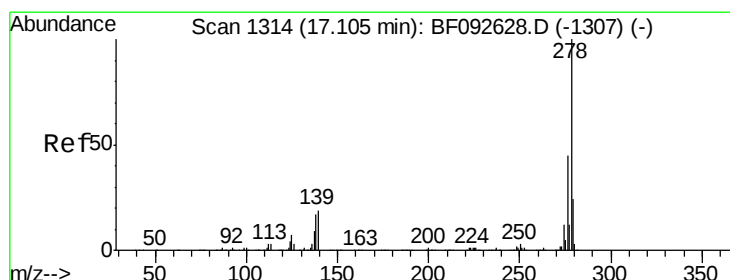
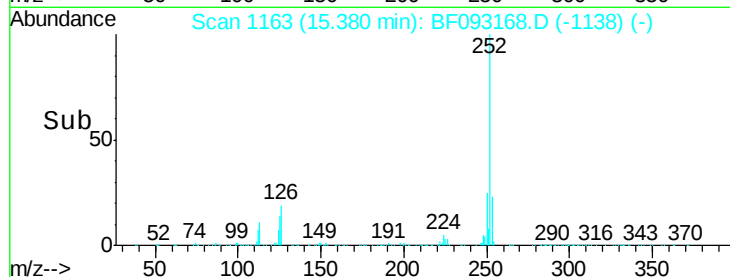
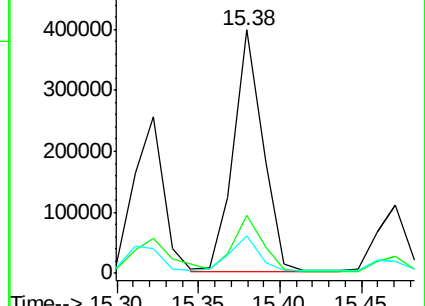
125 15.2 10.0 15.0#



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: 4.71 ng

RT: 17.01 min Scan# 1306

Delta R.T. 0.15 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

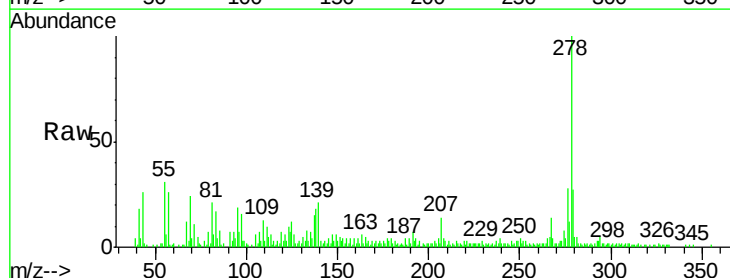
Tgt Ion:278 Resp: 67814

Ion Ratio Lower Upper

278 100

139 20.7 14.8 22.2

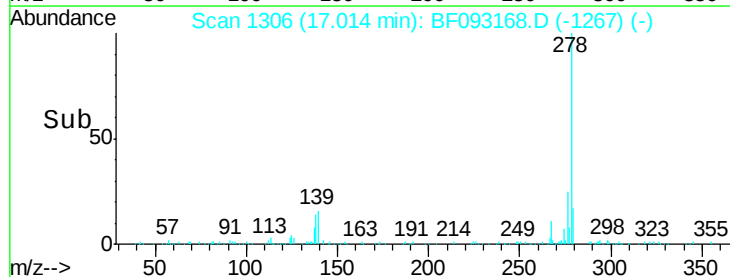
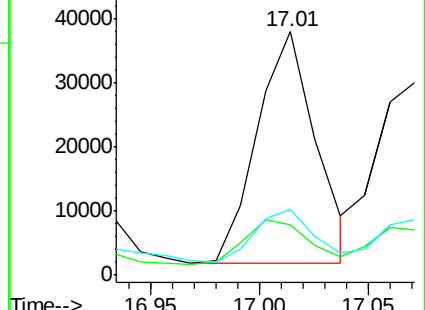
279 26.8 19.8 29.6

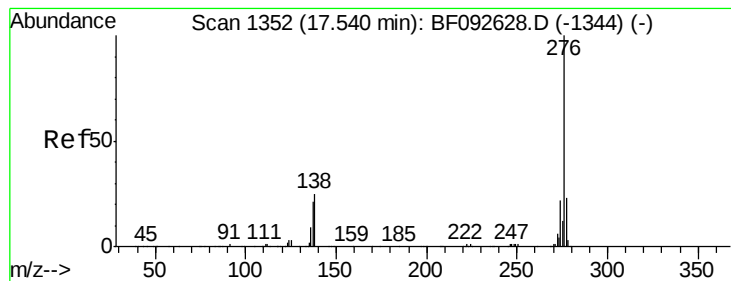


Abundance Ion 278.00 (277.70 to 278.70): E

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: 21.16 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF093168.D

Acq: 25 Feb 2017 2:19

Instrument :

BNA_F

ClientSampleId :

B1-3

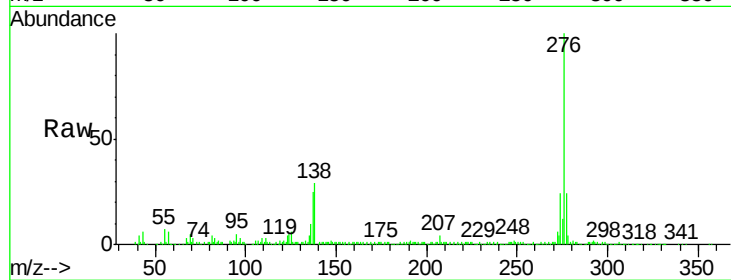
Tgt Ion: 276 Resp: 307568

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 29.0 16.0 24.0#



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

