

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096025.D
 Acq On : 20 Jun 2017 3:35
 Operator : SJ/MA
 Sample : I3688-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 04:07:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	66797	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	261947	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	100504	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	148417	20.00	ng	-0.02
75) Chrysene-d12	18.29	240	133507	20.00	ng	-0.01
86) Perylene-d12	19.96	264	97911	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	567540	135.39	ng	-0.02
7) Phenol-d6	6.89	99	625503	124.64	ng	-0.02
23) Nitrobenzene-d5	8.23	82	359913	85.33	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	95706	107.63	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	686959	95.12	ng	-0.02
78) Terphenyl-d14	16.94	244	446487	83.00	ng	-0.01

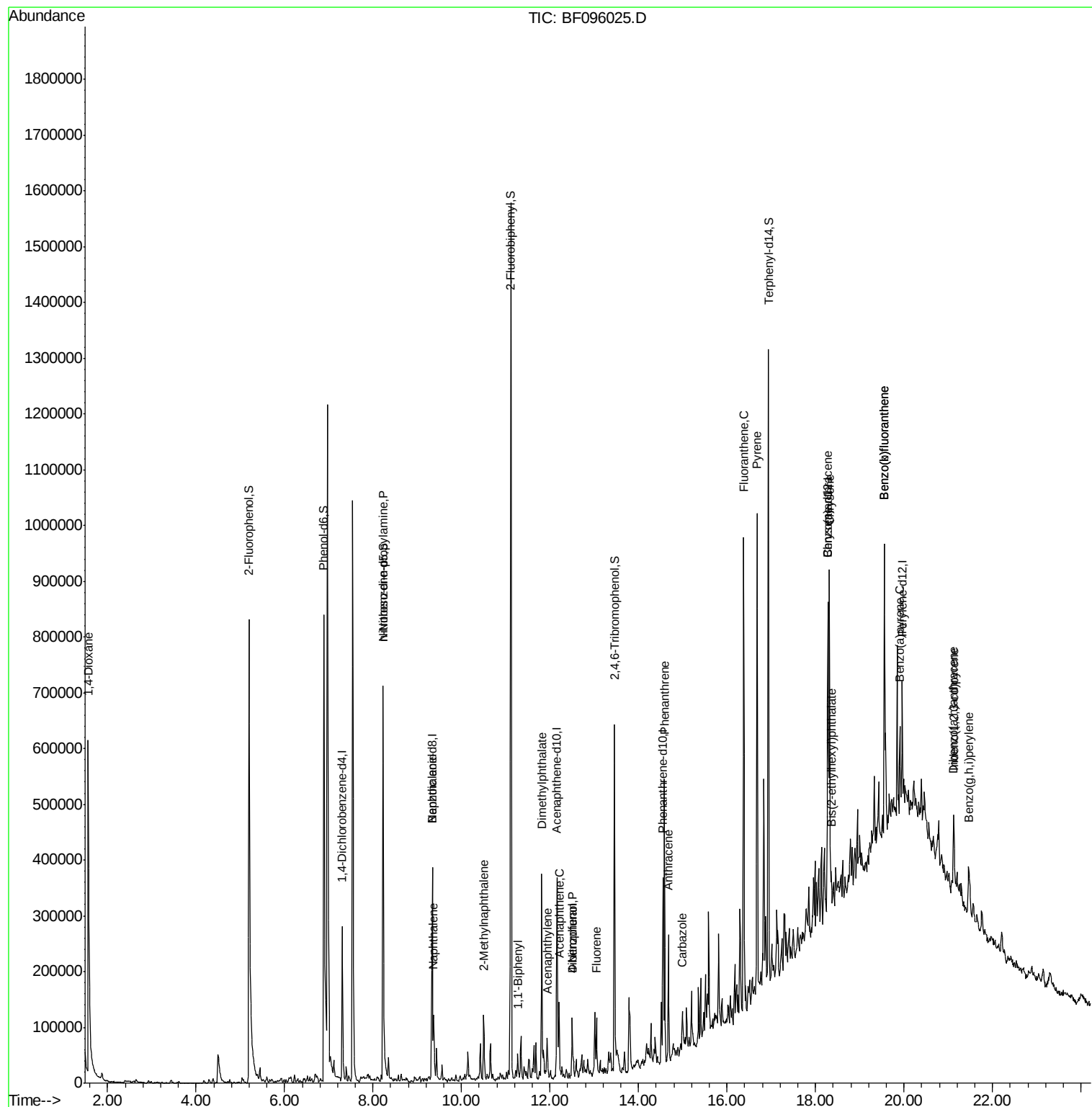
Target Compounds						Qvalue
2) 1,4-Dioxane	1.56	88	31020	15.56	ng	# 23
19) n-Nitroso-di-n-propylamine	8.23	70	47000	14.78	ng	# 75
31) Naphthalene	9.37	128	80806	6.15	ng	99
32) Benzoic acid	9.34	122	510	5.32	ng	# 51
37) 2-Methylnaphthalene	10.50	142	44869	5.05	ng	96
45) 1,1'-Biphenyl	11.27	154	21650	2.61	ng	93
48) Acenaphthylene	11.93	152	43743	3.95	ng	98
49) Dimethylphthalate	11.82	163	197697	25.91	ng	98
51) Acenaphthene	12.21	154	13039	2.04	ng	97
54) Dibenzofuran	12.50	168	59615	6.63	ng	96
55) 4-Nitrophenol	12.50	139	22197	23.10	ng	# 29
57) Fluorene	13.05	166	28311	3.62	ng	# 89
70) Phenanthrene	14.59	178	268510	31.36	ng	99
71) Anthracene	14.67	178	125991	14.09	ng	97
72) Carbazole	14.99	167	35654	4.09	ng	99
74) Fluoranthene	16.38	202	430317	50.77	ng	98
77) Pyrene	16.68	202	350786	35.21	ng	96
80) Benzo(a)anthracene	18.27	228	188723	24.31	ng	94
82) Chrysene	18.32	228	302587	39.01	ng	99
83) Bis(2-ethylhexyl)phthalate	18.36	149	12693	2.07	ng	# 90
85) Indeno(1,2,3-cd)pyrene	21.13	276	66711	10.05	ng	93
87) Benzo(b)fluoranthene	19.56	252	342855	55.92	ng	# 95
88) Benzo(k)fluoranthene	19.56	252	342855	58.51	ng	99
89) Benzo(a)pyrene	19.90	252	78282	13.89	ng	# 88
90) Dibenzo(a,h)anthracene	21.11	278	29045	6.08	ng	# 80
91) Benzo(g,h,i)perylene	21.46	276	55179	11.32	ng	99

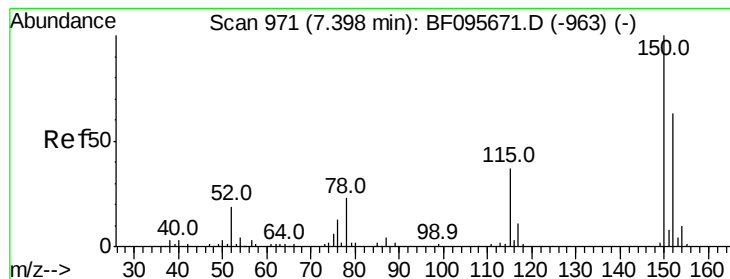
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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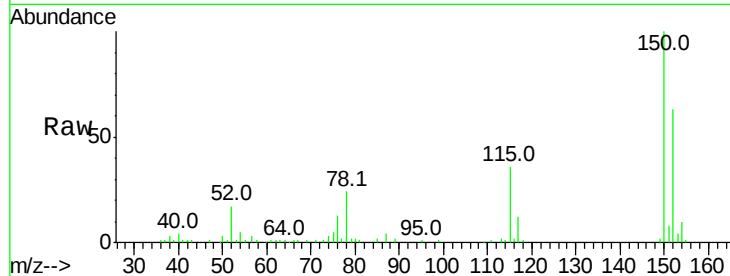


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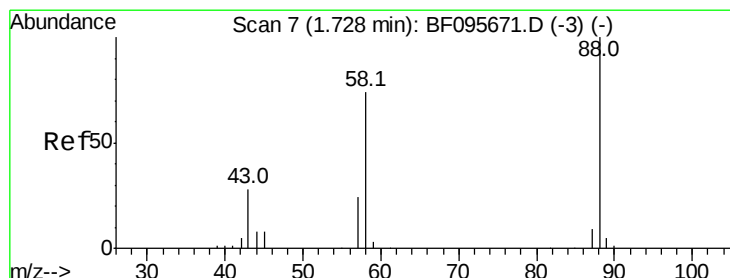
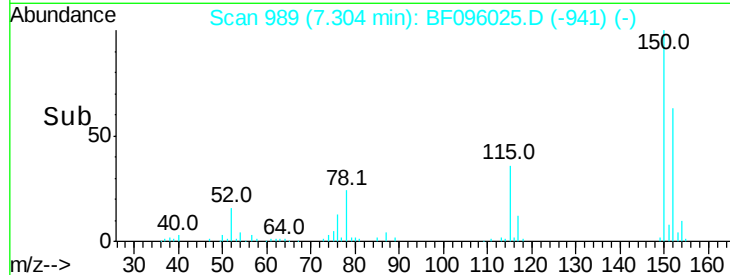
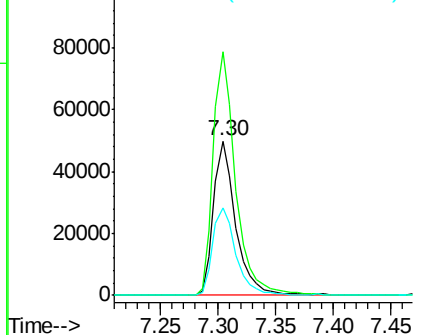
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66797
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 56.7 52.2 78.2



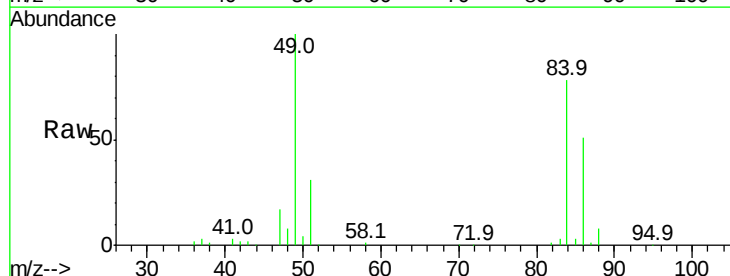
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



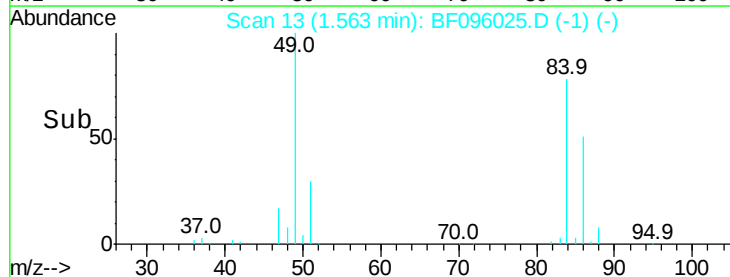
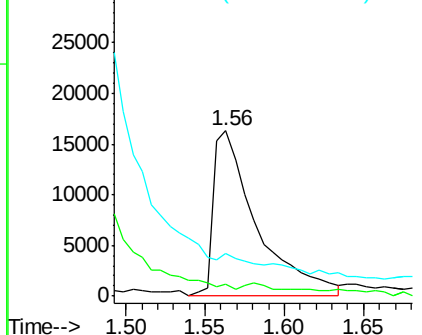
#2

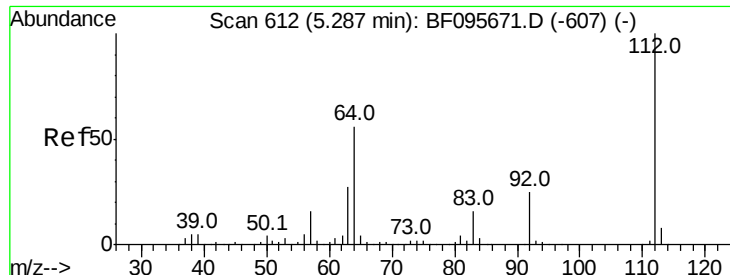
1,4-Dioxane
Concen: 15.56 ng
RT: 1.56 min Scan# 13
Delta R.T. -0.07 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion: 88 Resp: 31020
Ion Ratio Lower Upper
88 100
58 3.0 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 135.39 ng

RT: 5.20 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_F

ClientSampleId :

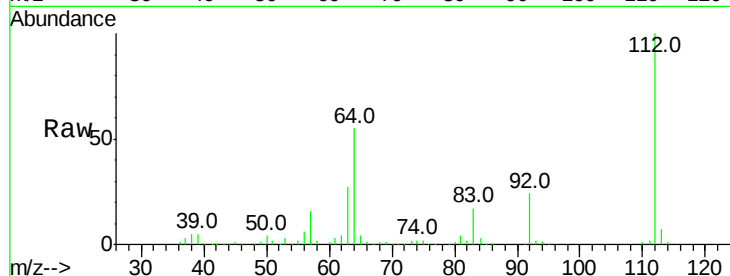
Tot Ion:112 Resp: 567540

Ion Ratio Lower Upper

112 100

64 54.8 46.0 69.0

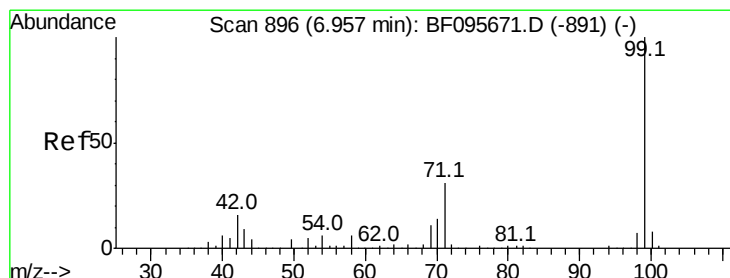
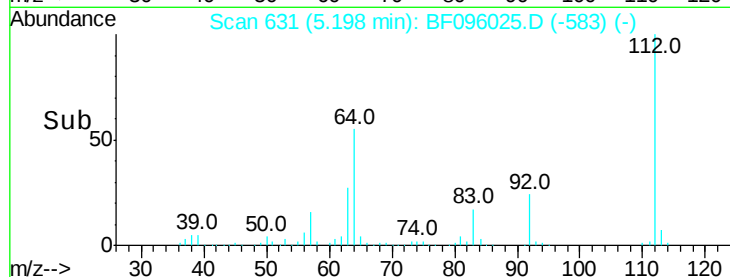
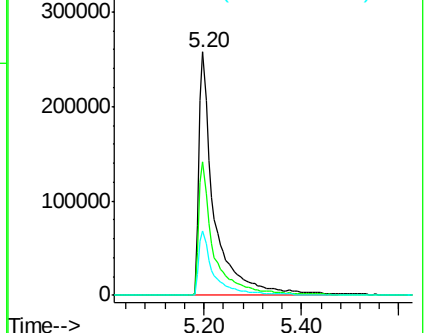
63 26.6 23.4 35.0



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: 124.64 ng

RT: 6.89 min Scan# 919

Delta R.T. -0.02 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

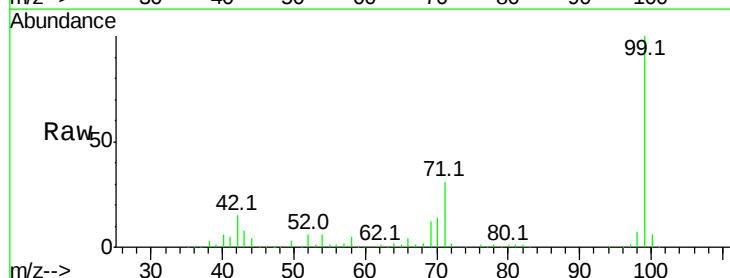
Tgt Ion: 99 Resp: 625503

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

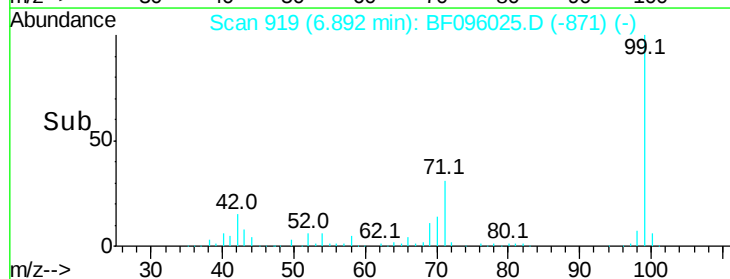
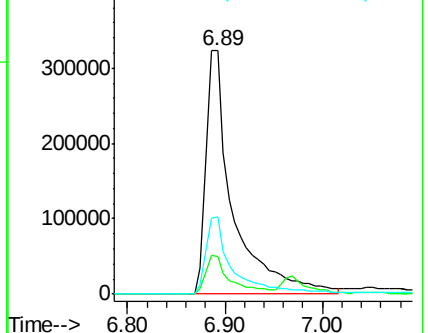
71 31.5 24.5 36.7

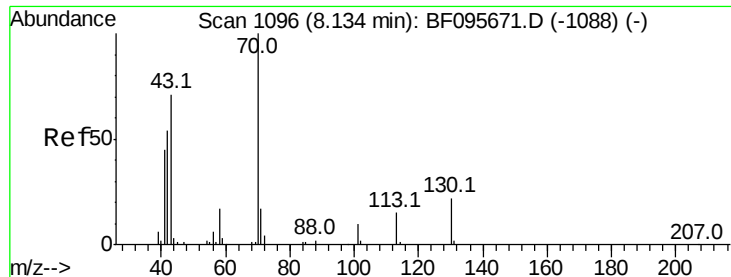


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

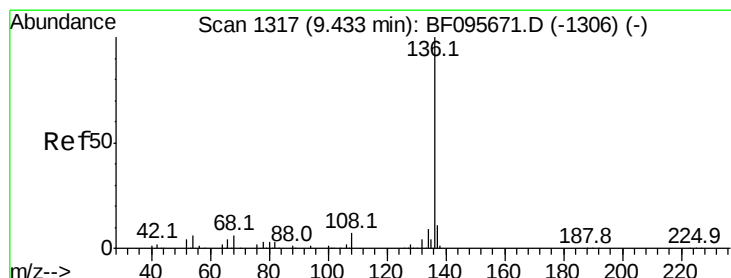
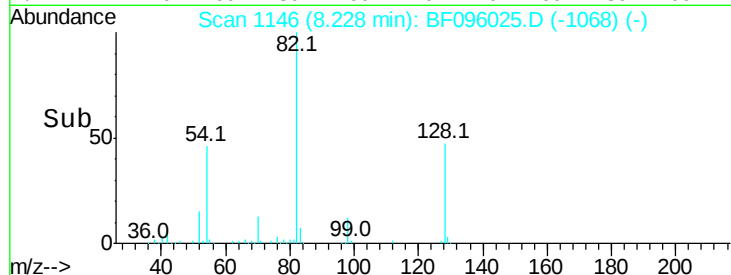
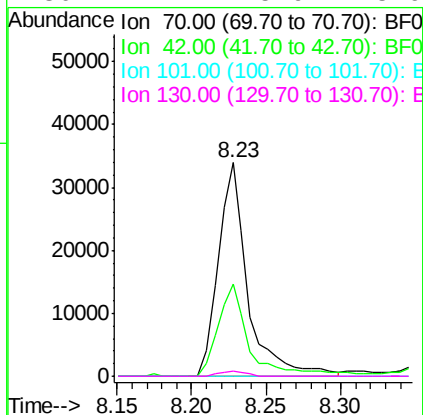
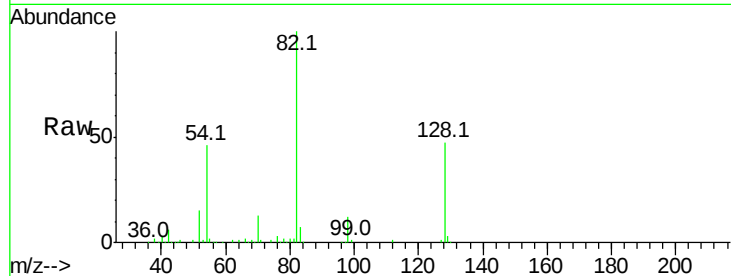




#19
n-Nitroso-di-n-propylamine
Concen: 14.78 ng
RT: 8.23 min Scan# 1146
Delta R.T. 0.16 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

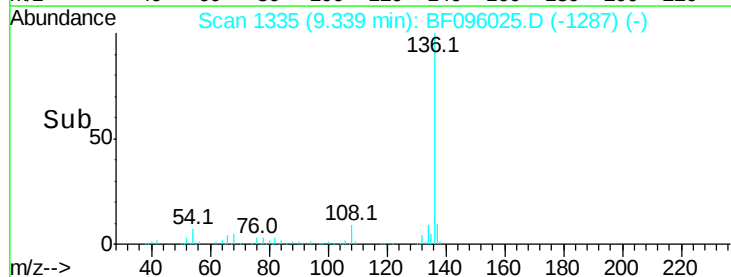
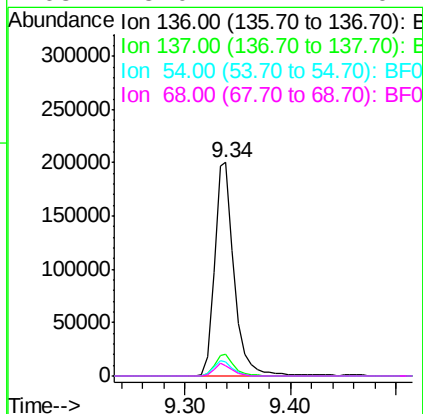
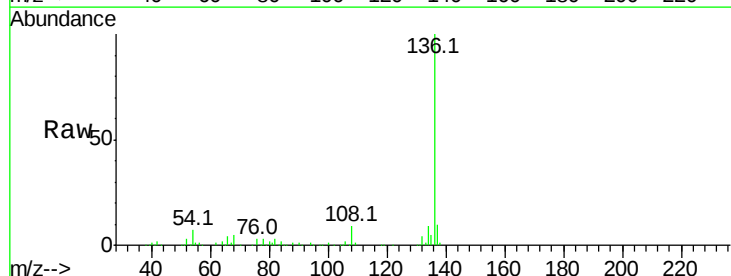
Instrument :
BNA_F
ClientSampleId :

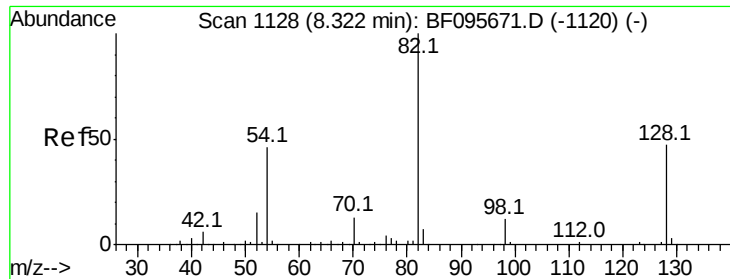
Tot Ion: 70 Resp: 47000
Ion Ratio Lower Upper
70 100
42 43.1 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion: 136 Resp: 261947
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 6.6 4.9 7.3
68 5.0 4.1 6.1

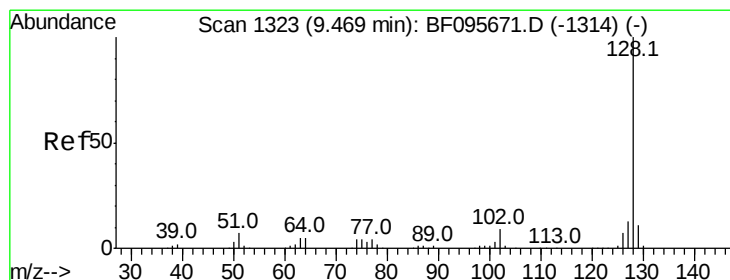
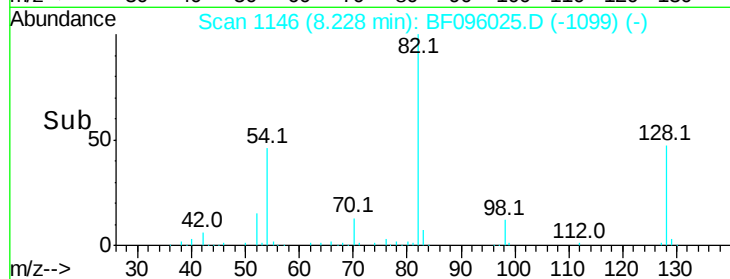
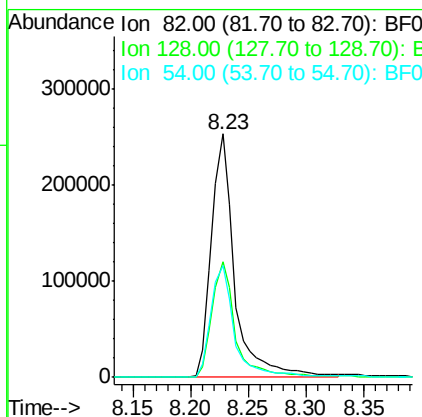
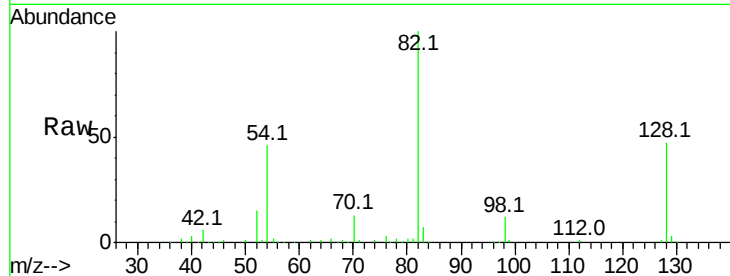




#23
 Nitrobenzene-d5
 Concen: 85.33 ng
 RT: 8.23 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF096025.D
 Acq: 20 Jun 2017 3:35

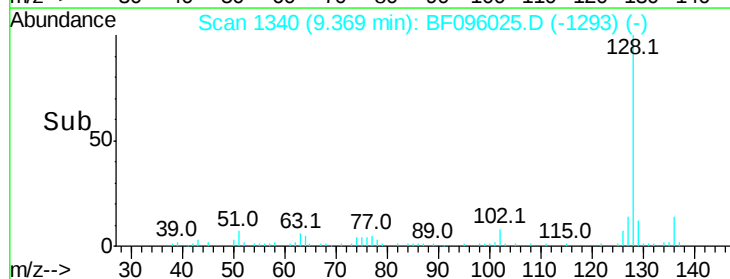
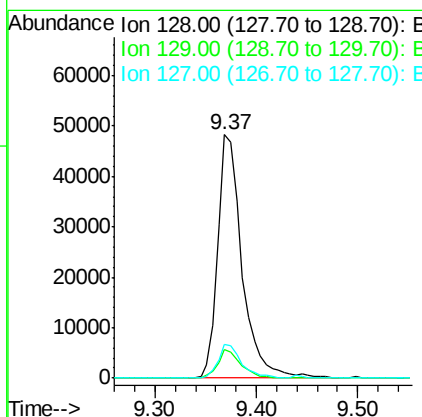
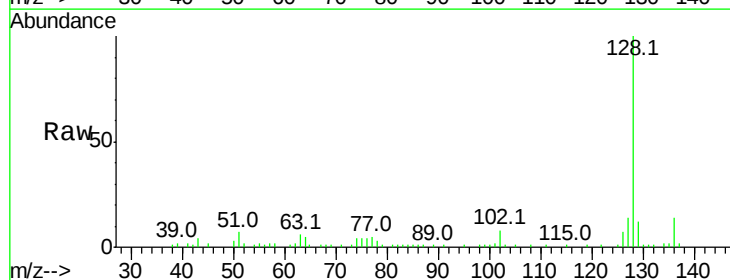
Instrument :
 BNA_F
 ClientSampleId :

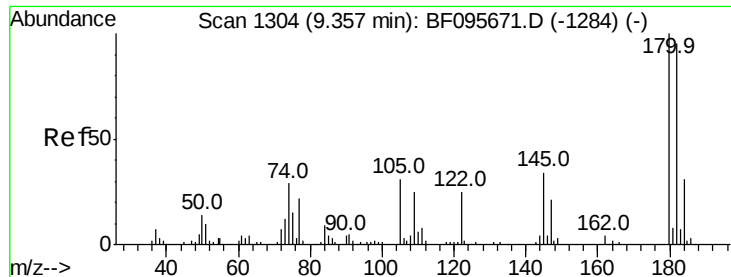
Tot Ion: 82 Resp: 359913
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 46.1 42.2 63.2



#31
 Naphthalene
 Concen: 6.15 ng
 RT: 9.37 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF096025.D
 Acq: 20 Jun 2017 3:35

Tgt Ion:128 Resp: 80806
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.0 13.6
 127 14.1 10.8 16.2

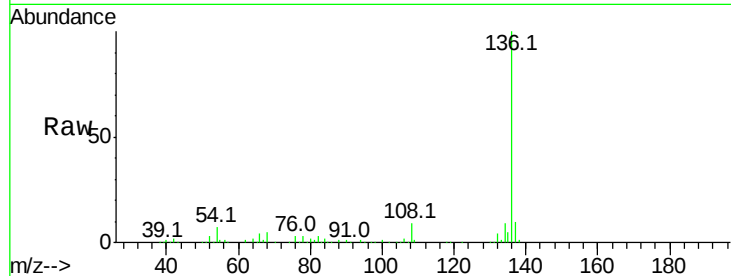




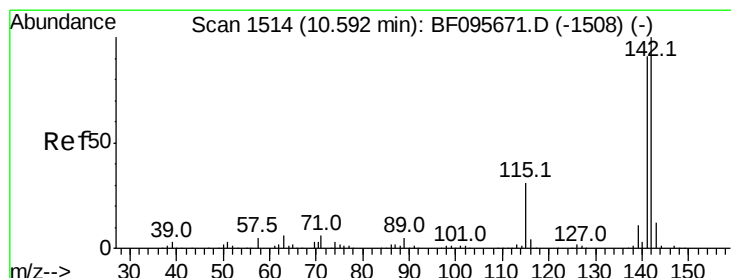
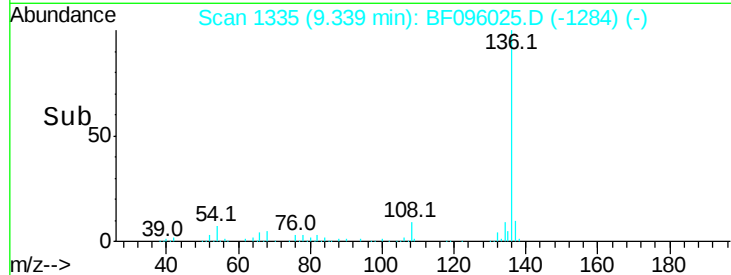
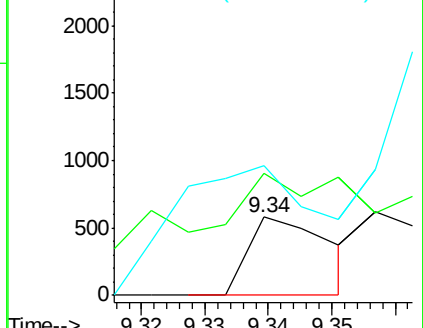
#32
Benzoic acid
Concen: 5.32 ng
RT: 9.34 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 510
Ion Ratio Lower Upper
122 100
105 156.1 103.3 143.3#
77 166.1 73.7 113.7#

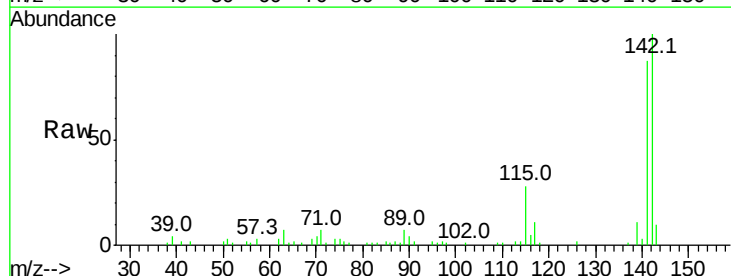


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

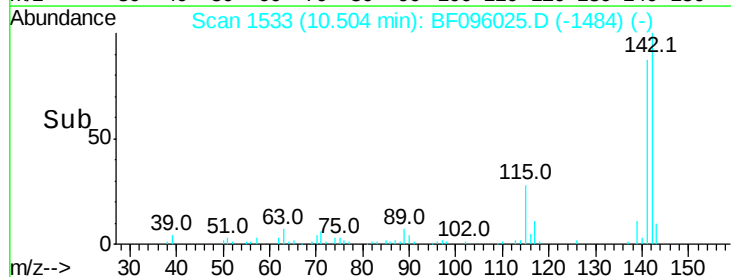
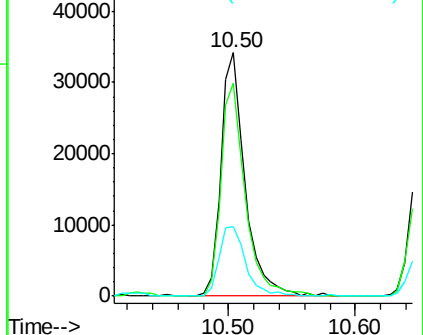


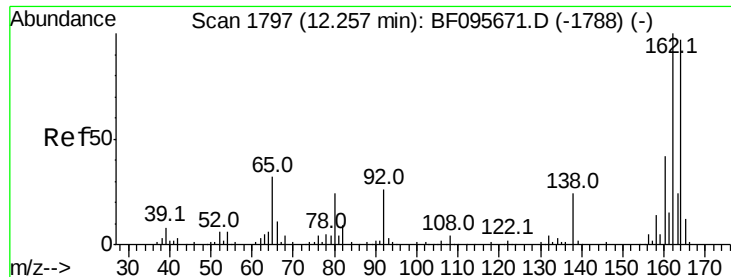
#37
2-Methylnaphthalene
Concen: 5.05 ng
RT: 10.50 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:142 Resp: 44869
Ion Ratio Lower Upper
142 100
141 87.2 71.3 106.9
115 28.3 27.1 40.7



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

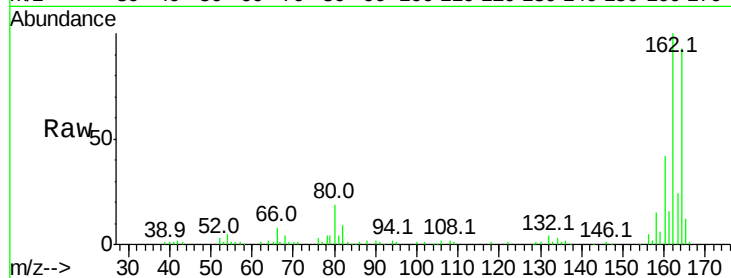




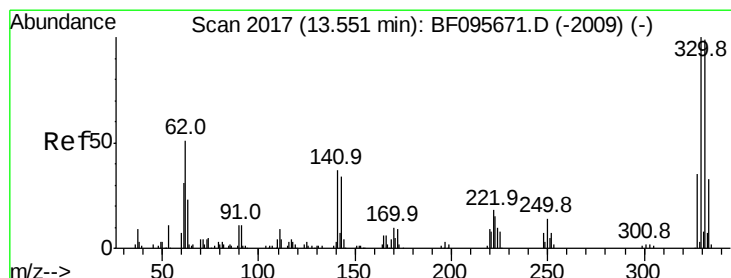
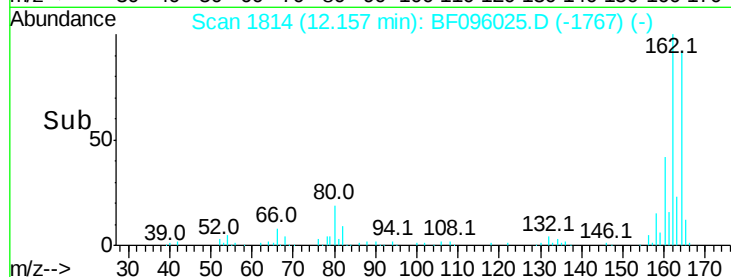
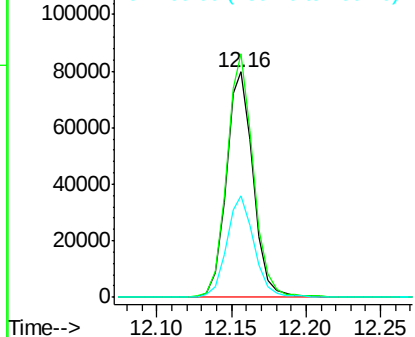
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 100504
Ion Ratio Lower Upper
164 100
162 108.1 82.6 123.8
160 44.9 36.2 54.2

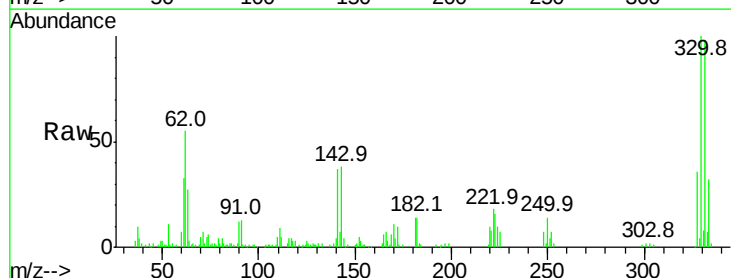


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

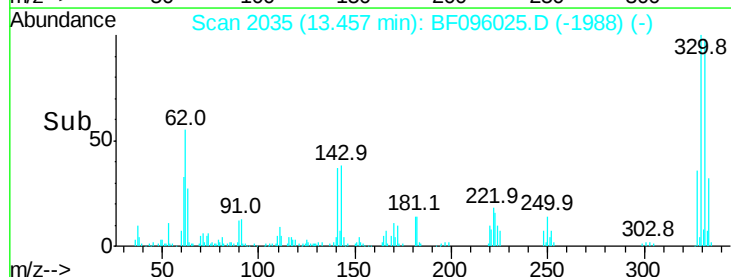
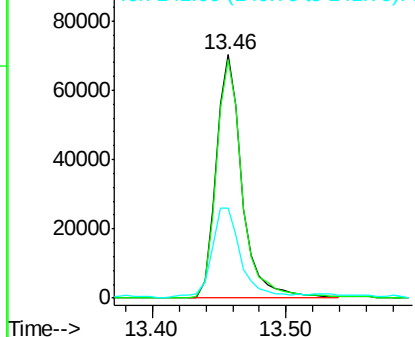


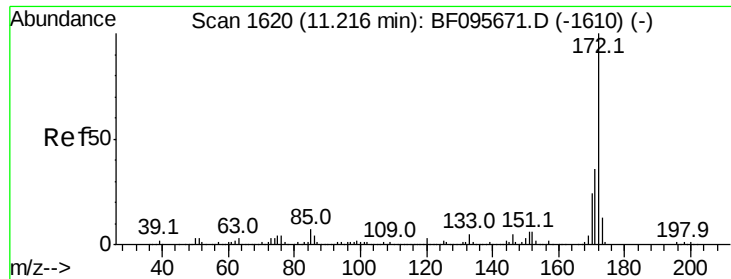
#41
2,4,6-Tribromophenol
Concen: 107.63 ng
RT: 13.46 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:330 Resp: 95706
Ion Ratio Lower Upper
330 100
332 99.4 76.6 115.0
141 43.0 31.4 47.2



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

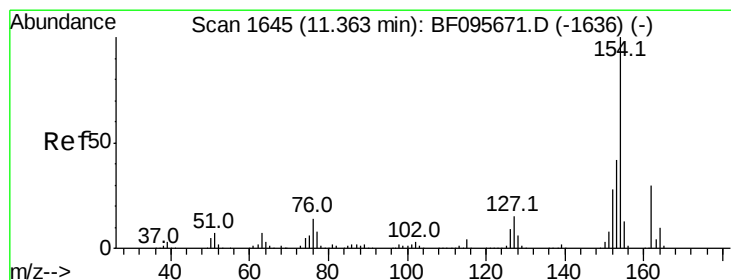
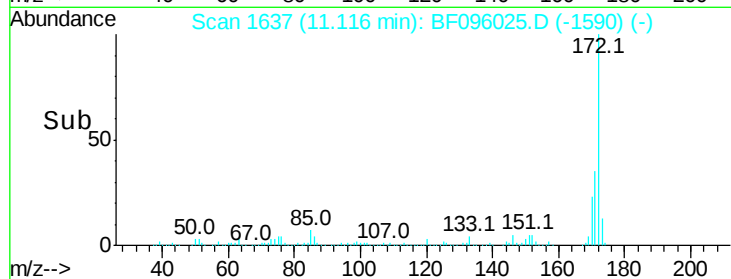
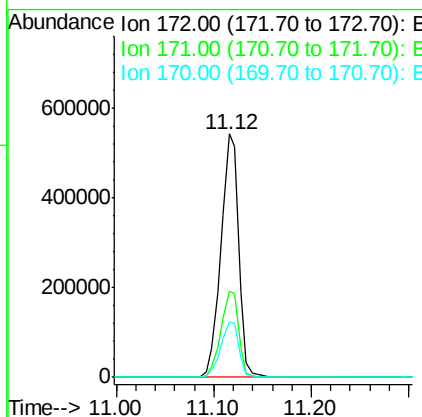
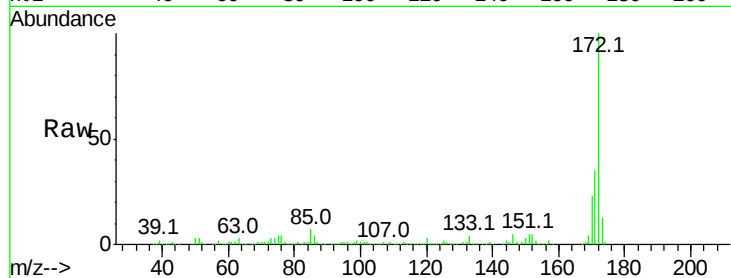




#44
2-Fluorobiphenyl
Concen: 95.12 ng
RT: 11.12 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

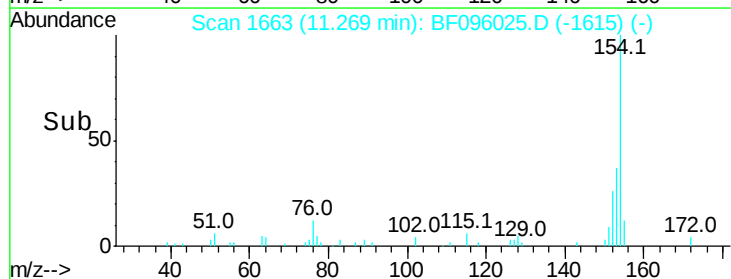
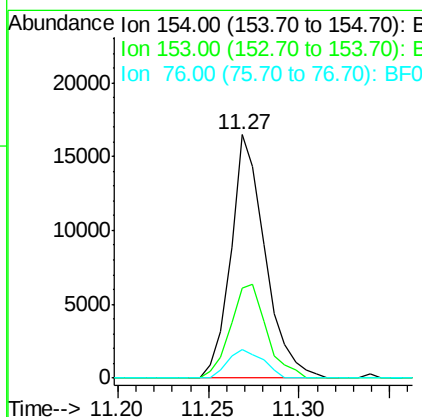
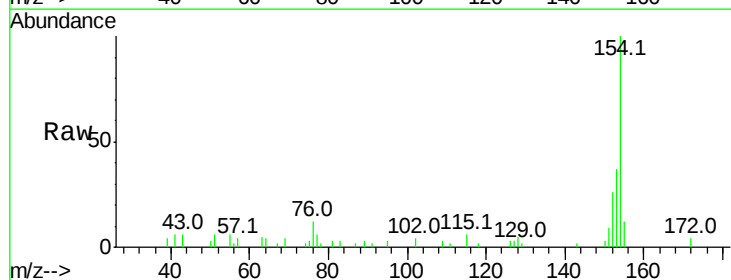
Instrument :
BNA_F
ClientSampleId :

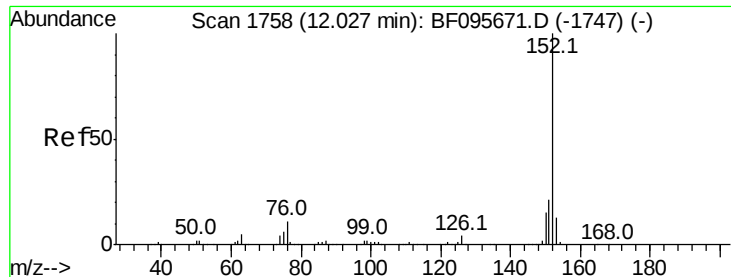
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	22.8	19.8	29.8



#45
1,1'-Biphenyl
Concen: 2.61 ng
RT: 11.27 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.0	21.2	61.2
76	12.0	0.0	29.9





#48

Acenaphthylene

Concen: 3.95 ng

RT: 11.93 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_F

ClientSampleId :

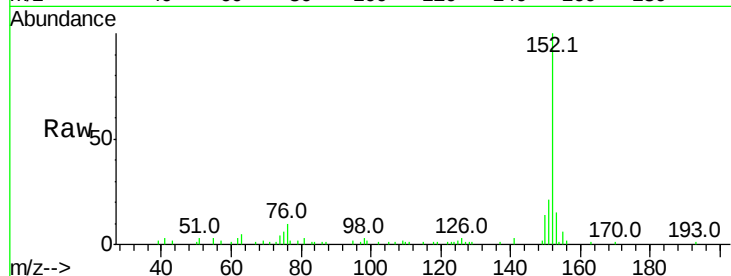
Tot Ion:152 Resp: 43743

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

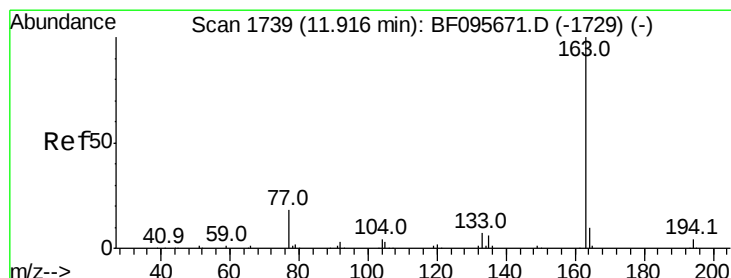
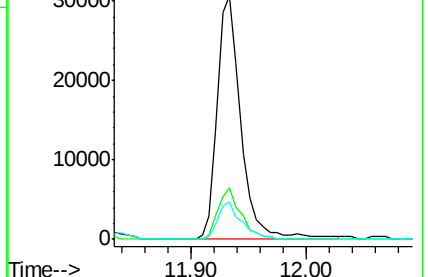
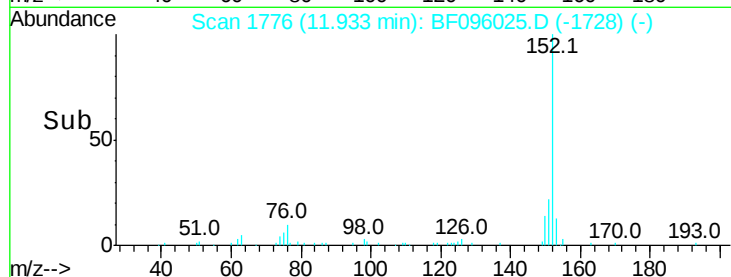
153 15.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 25.91 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.04 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

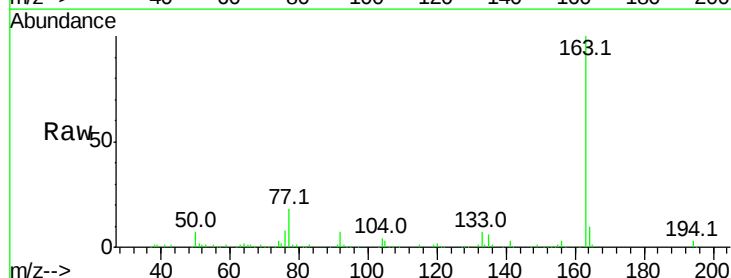
Tgt Ion:163 Resp: 197697

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

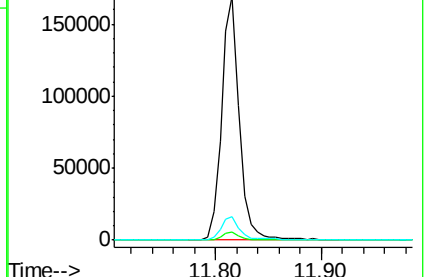
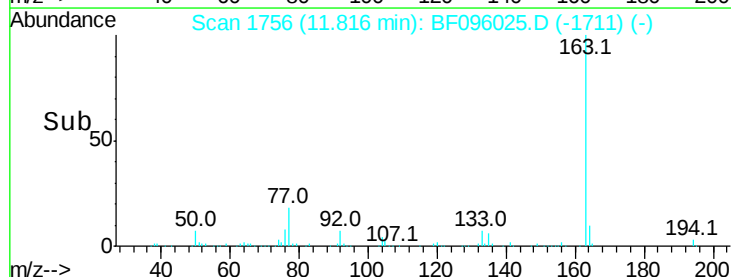
164 9.6 8.4 12.6

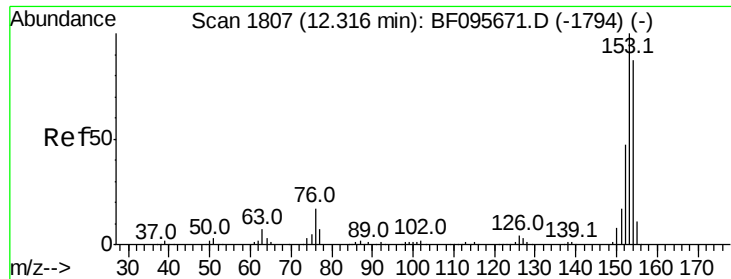


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.04 ng

RT: 12.21 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_F

ClientSampled :

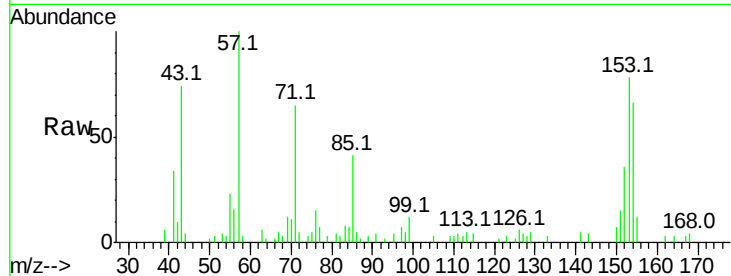
Tot Ion:154 Resp: 13039

Ion Ratio Lower Upper

154 100

153 118.4 90.5 135.7

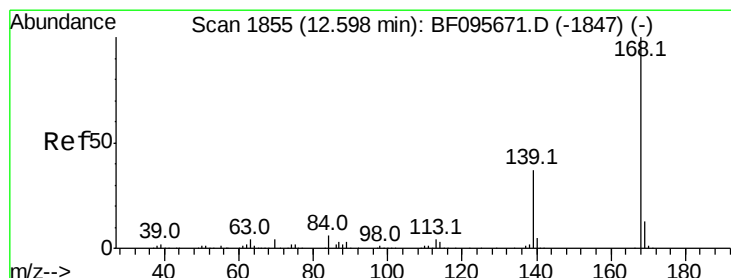
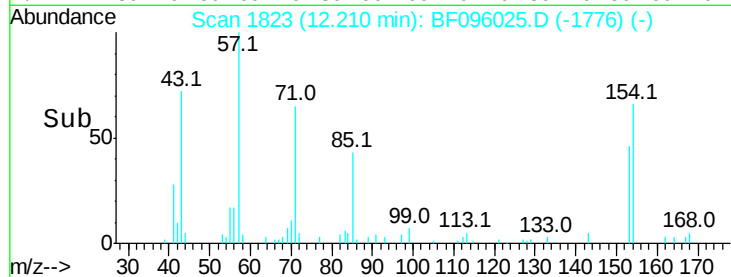
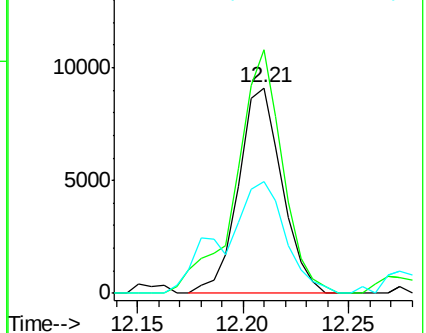
152 54.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 6.63 ng

RT: 12.50 min Scan# 1873

Delta R.T. -0.02 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

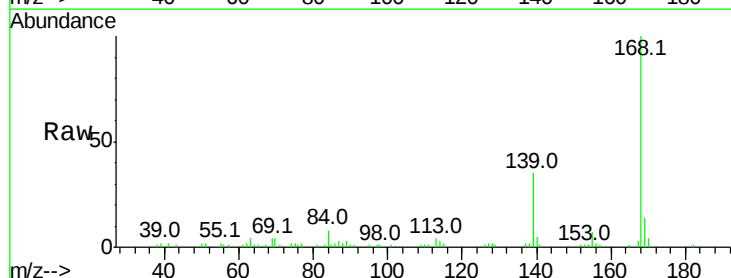
Tgt Ion:168 Resp: 59615

Ion Ratio Lower Upper

168 100

139 34.8 30.6 45.8

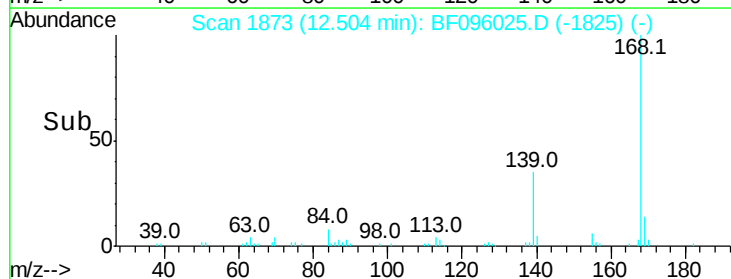
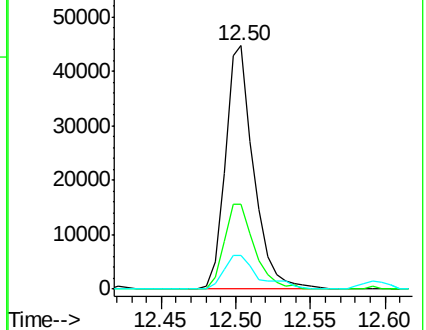
169 13.6 10.8 16.2

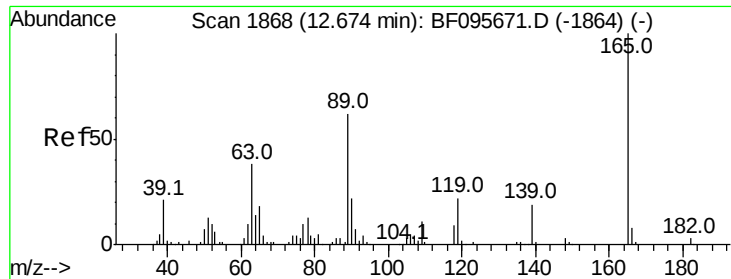


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

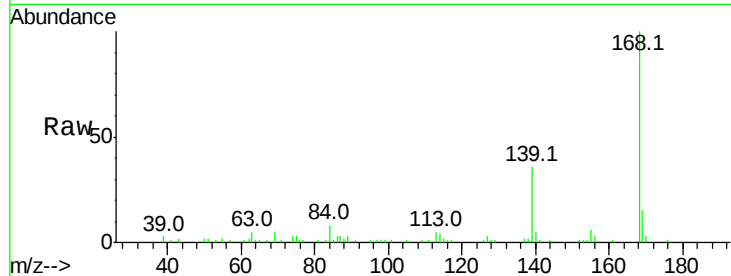




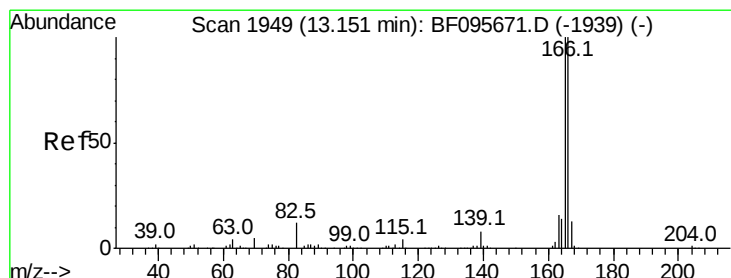
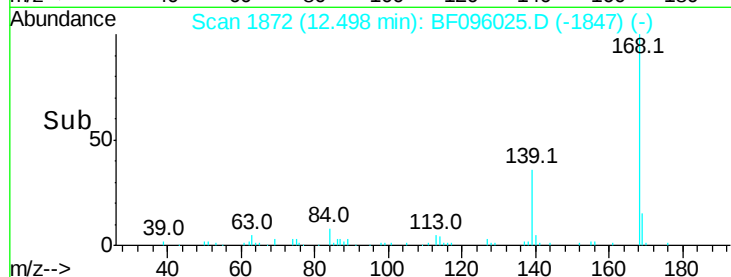
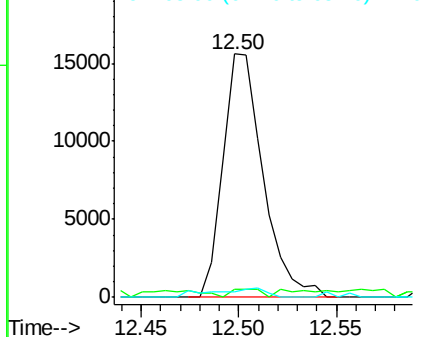
#55
4-Nitrophenol
Concen: 23.10 ng
RT: 12.50 min Scan# 1872
Delta R.T. -0.15 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	3.1	34.1	74.1#
65	2.3	31.4	71.4#

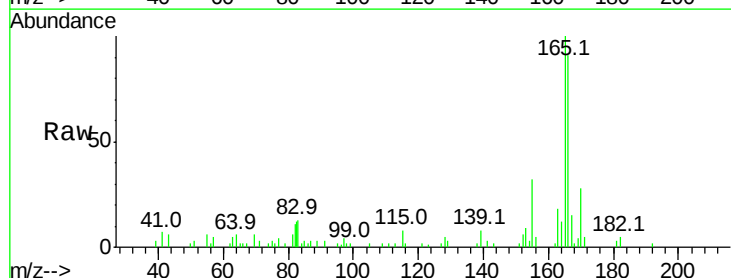


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

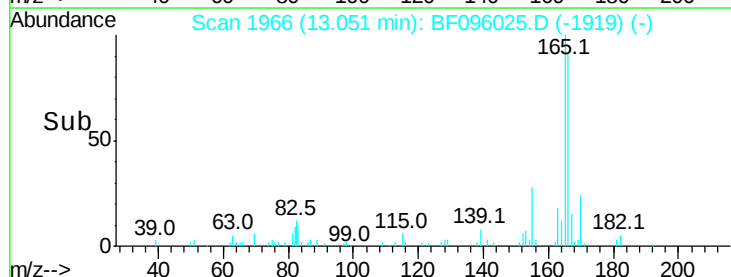
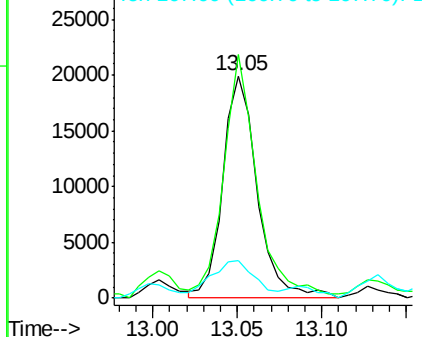


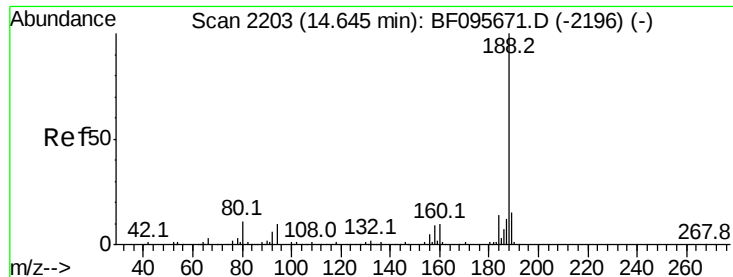
#57
Fluorene
Concen: 3.62 ng
RT: 13.05 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	109.5	78.8	118.2
167	16.8	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

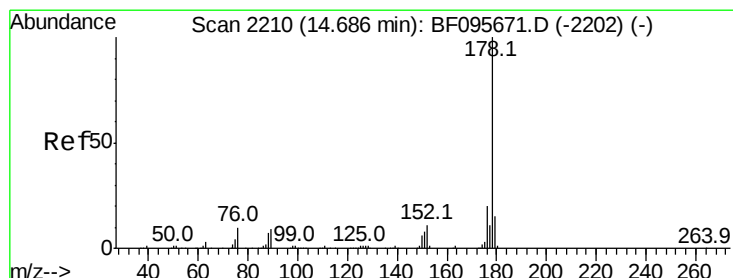
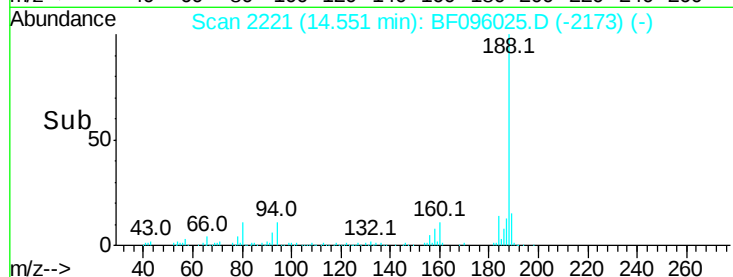
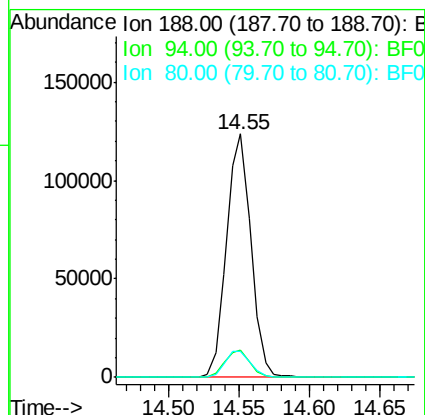
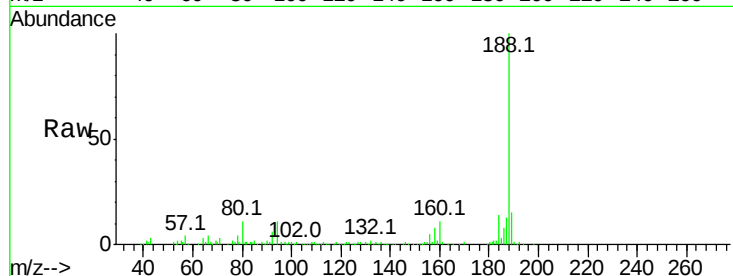




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

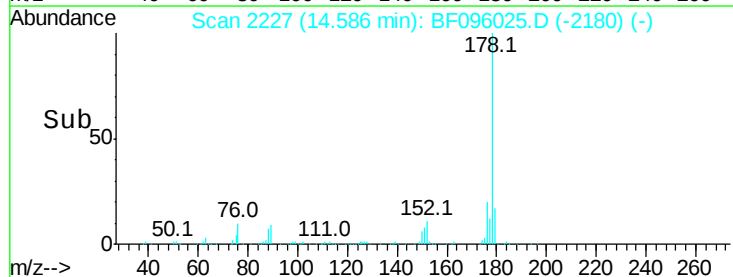
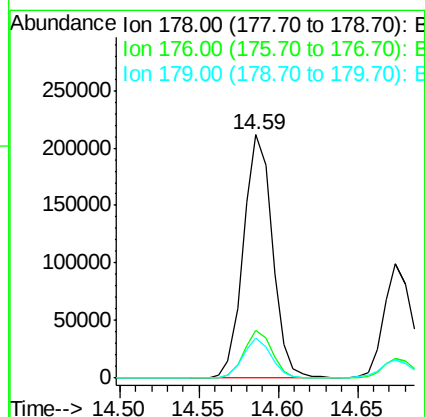
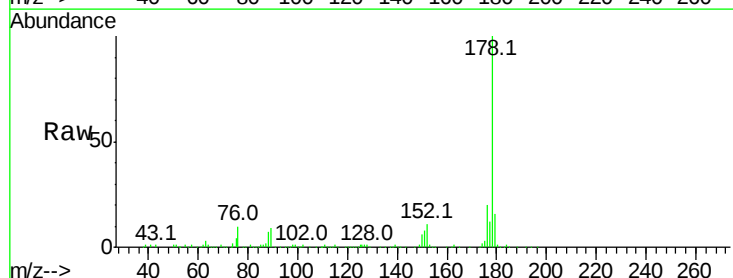
Instrument :
BNA_F
ClientSampleId :

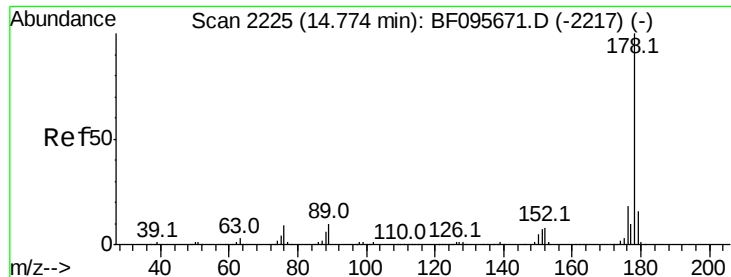
Tot Ion:188 Resp: 148417
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.0 10.2 15.2



#70
Phenanthrene
Concen: 31.36 ng
RT: 14.59 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion:178 Resp: 268510
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 16.5 12.6 19.0





#71

Anthracene

Concen: 14.09 ng

RT: 14.67 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

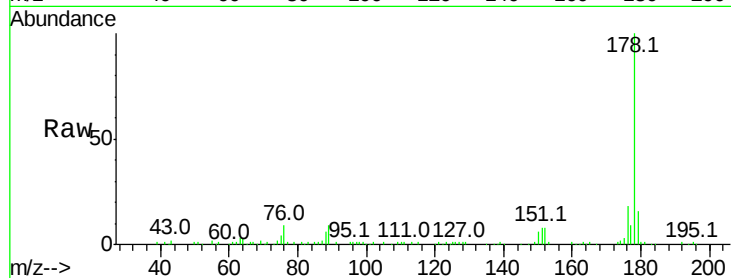
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 125991

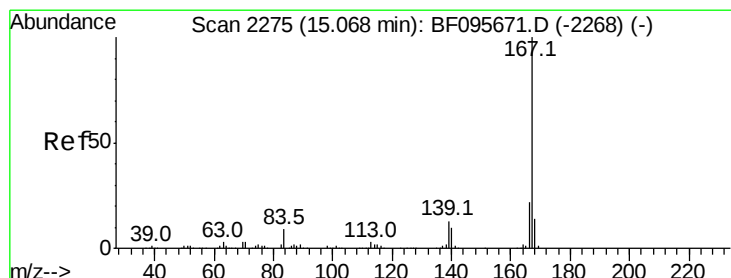
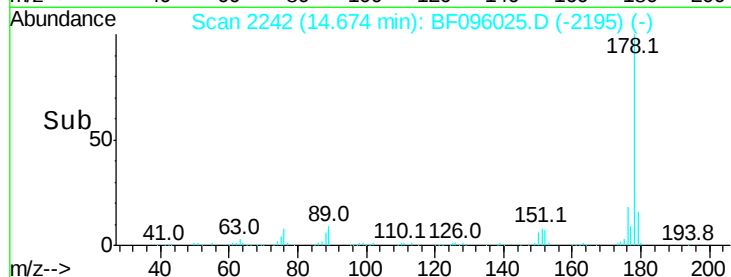
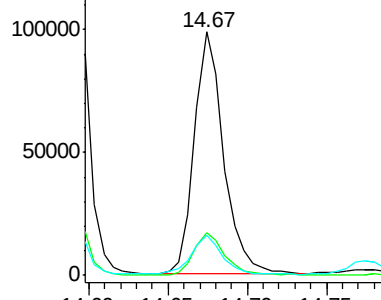
Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	16.4	12.7	19.1



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: 4.09 ng

RT: 14.99 min Scan# 2296

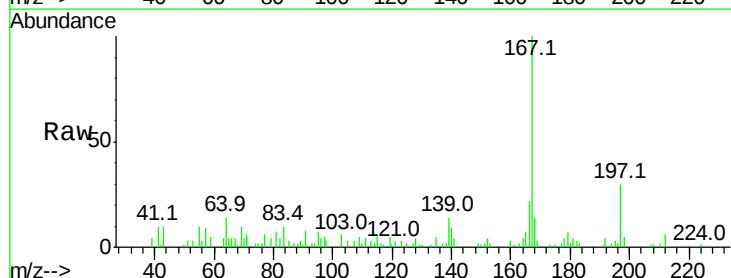
Delta R.T. -0.01 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

Tgt Ion:167 Resp: 35654

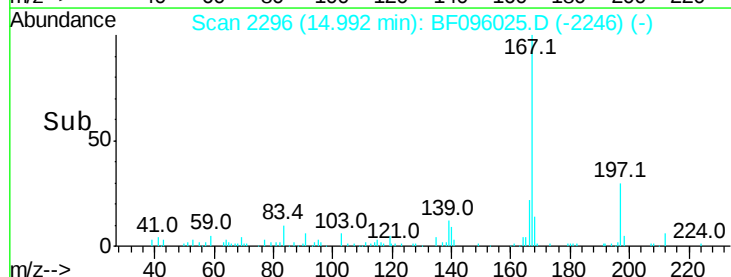
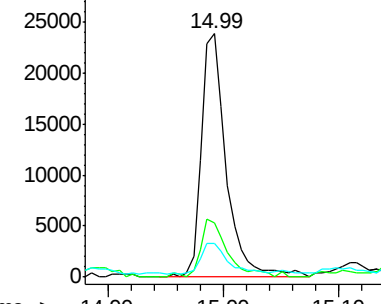
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.8	11.7	17.5

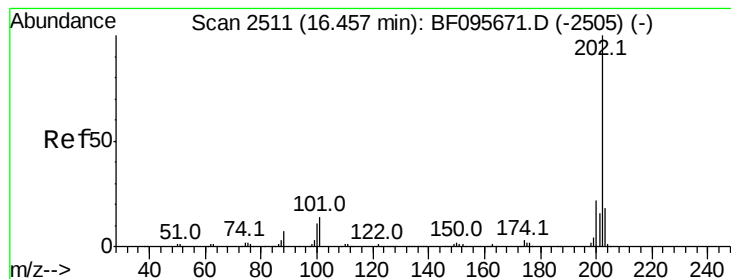


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 50.77 ng

RT: 16.38 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_F

ClientSampled :

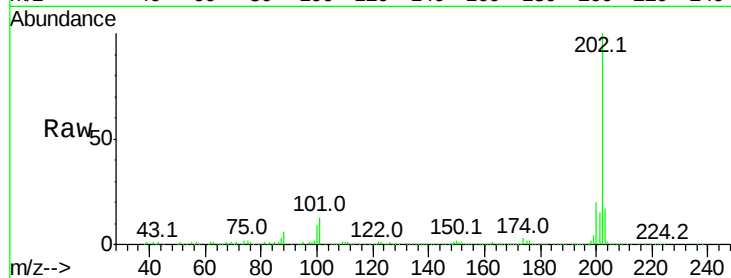
Tot Ion:202 Resp: 430317

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

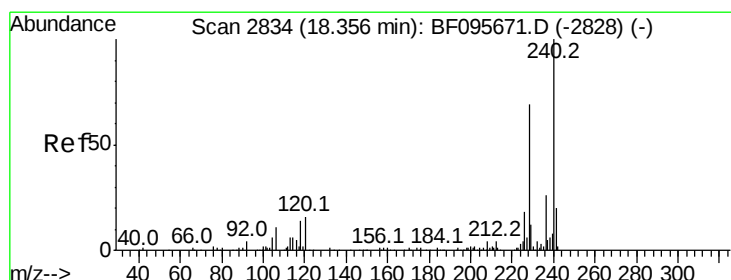
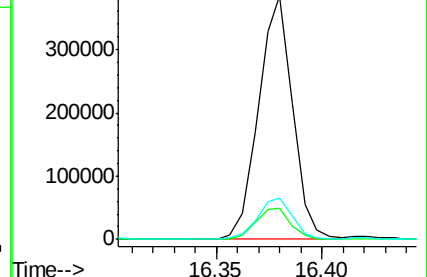
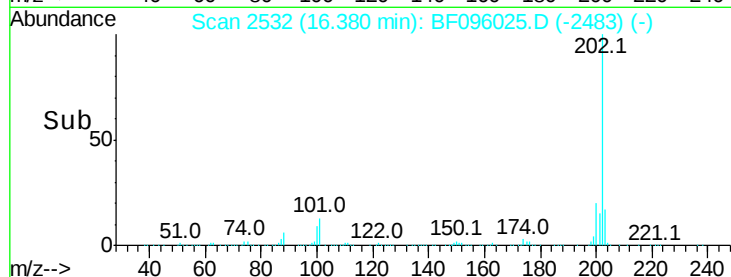
203 16.8 0.0 38.1



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: 20.00 ng

RT: 18.29 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

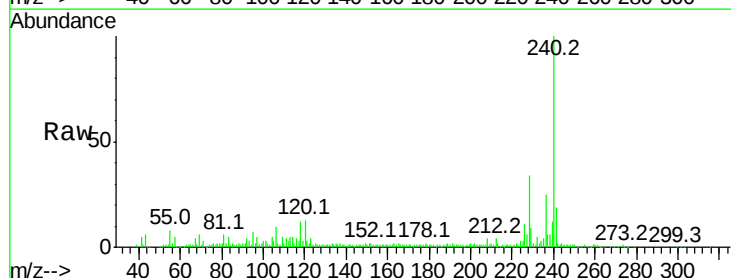
Tgt Ion:240 Resp: 133507

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

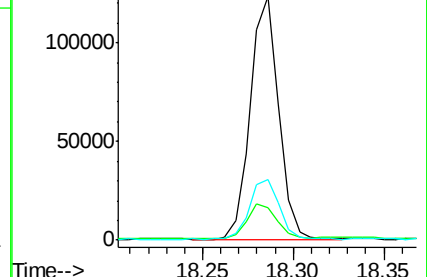
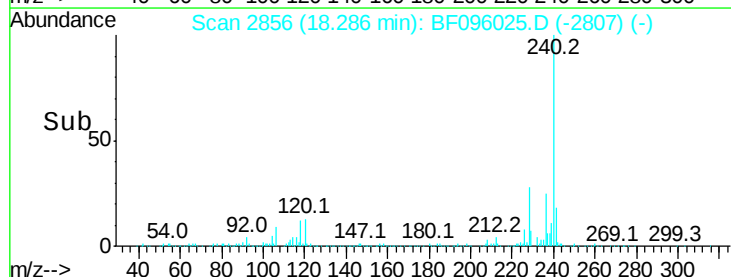
236 25.0 20.5 30.7

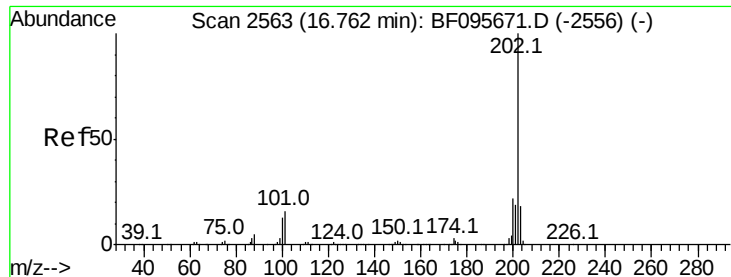


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 35.21 ng

RT: 16.68 min Scan# 2583

Delta R.T. -0.02 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

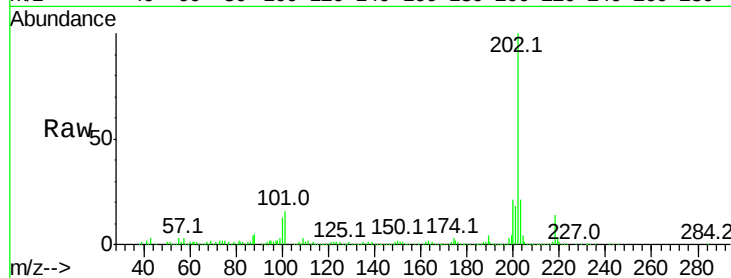
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 350786

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	20.6	14.4	21.6

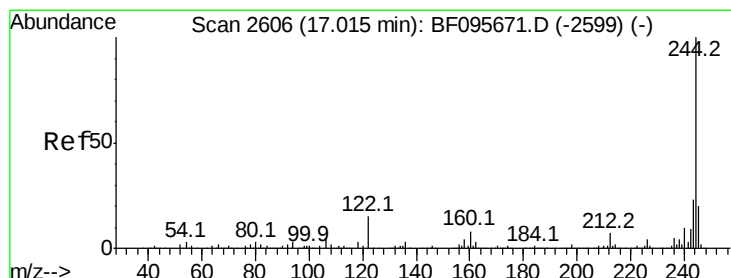
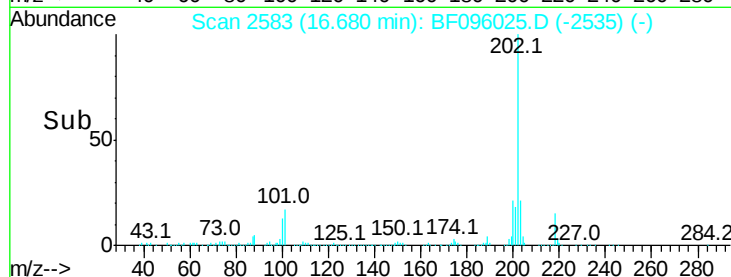
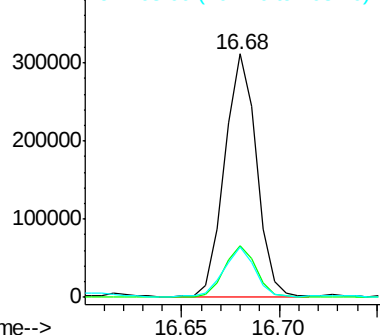


Abundance

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: 83.00 ng

RT: 16.94 min Scan# 2627

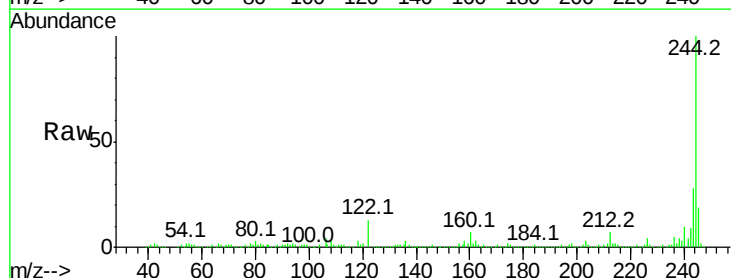
Delta R.T. -0.01 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

Tgt Ion:244 Resp: 446487

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.3	10.3	15.5

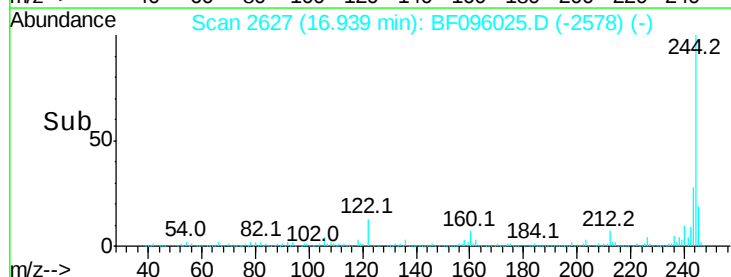
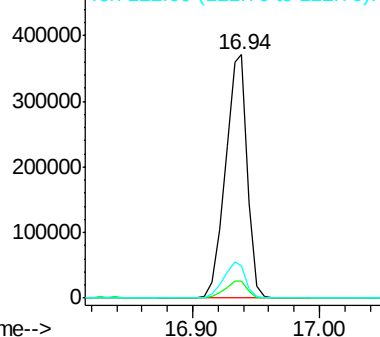


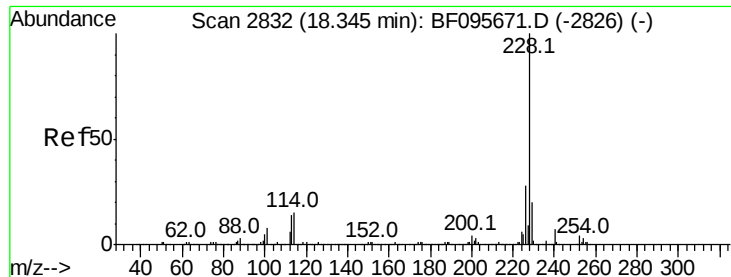
Abundance

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: 24.31 ng

RT: 18.27 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_F

ClientSampleId :

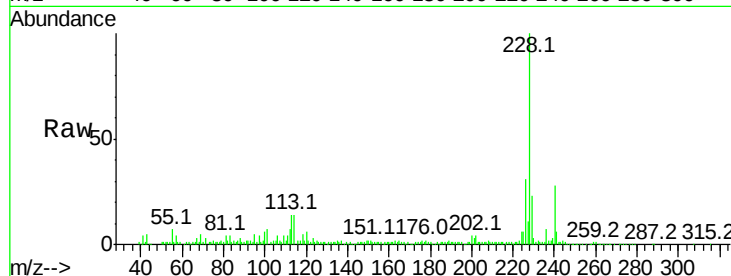
Tot Ion:228 Resp: 188723

Ion Ratio Lower Upper

228 100

226 30.7 22.6 33.8

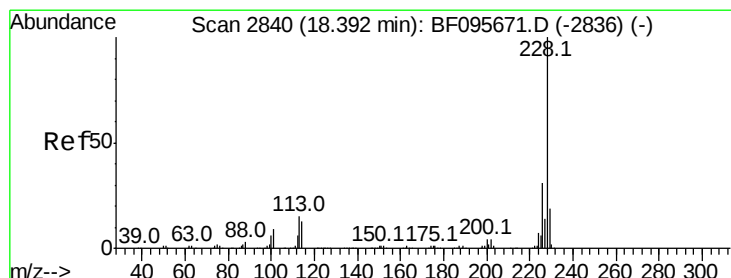
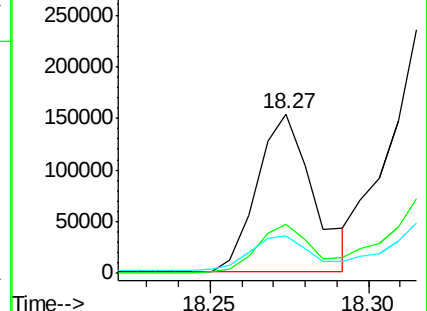
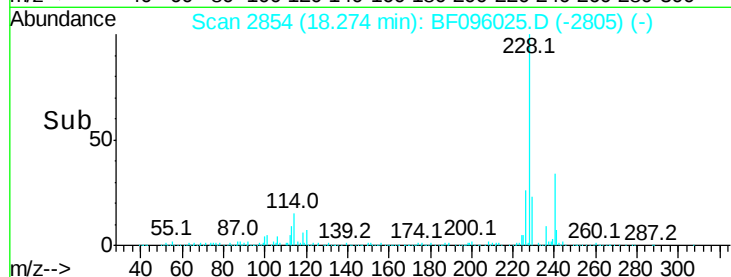
229 23.5 16.3 24.5



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: 39.01 ng

RT: 18.32 min Scan# 2861

Delta R.T. -0.02 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

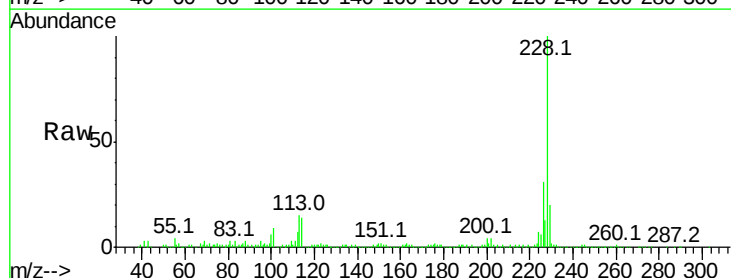
Tgt Ion:228 Resp: 302587

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

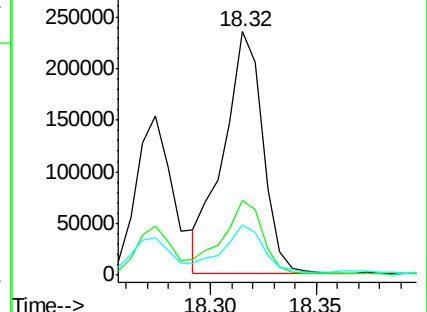
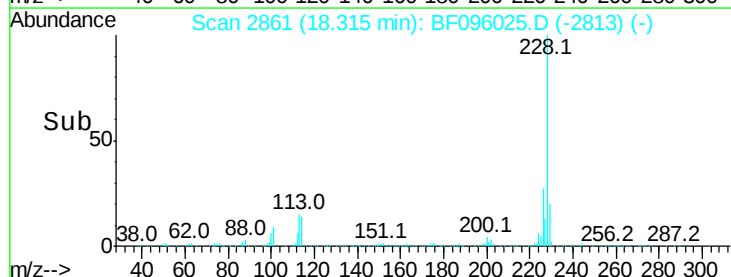
229 20.5 15.8 23.6

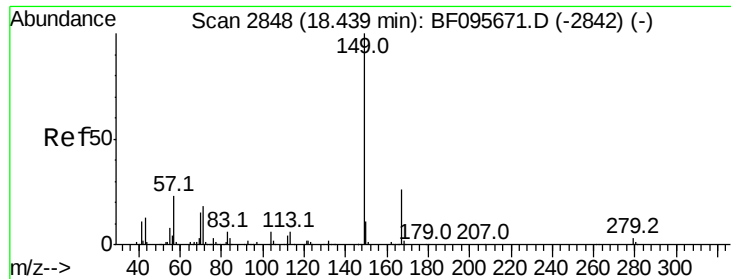


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

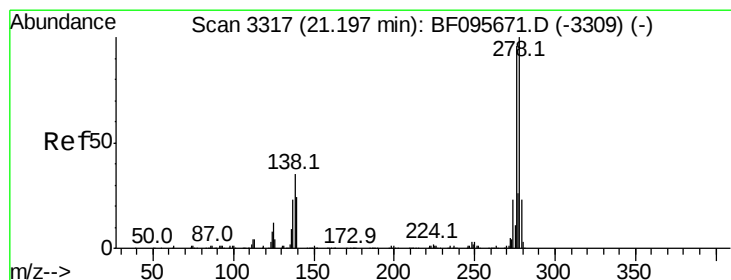
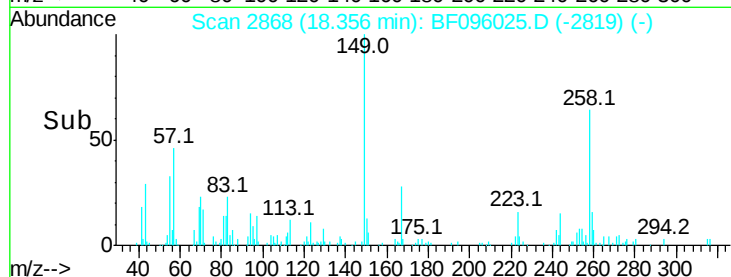
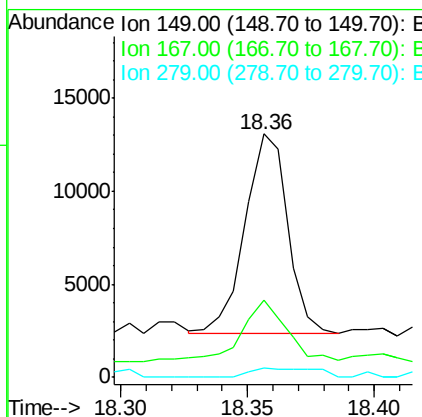
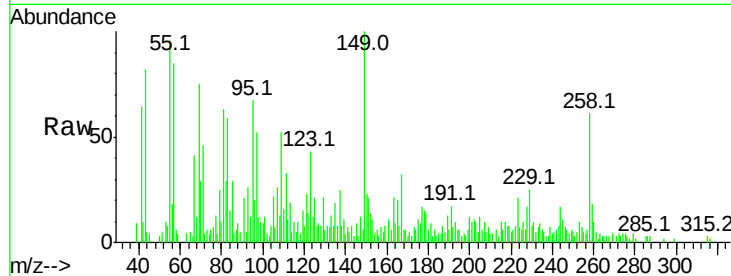




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.07 ng
 RT: 18.36 min Scan# 2868
 Delta R.T. -0.01 min
 Lab File: BF096025.D
 Acq: 20 Jun 2017 3:35

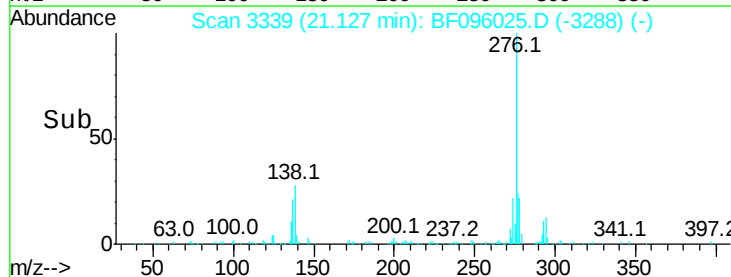
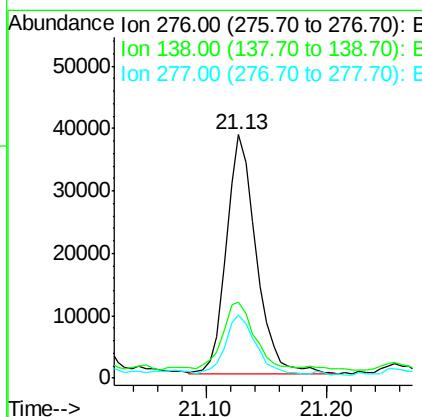
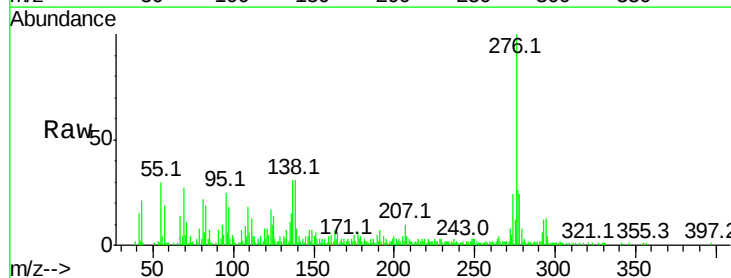
Instrument :
 BNA_F
 ClientSampleId :

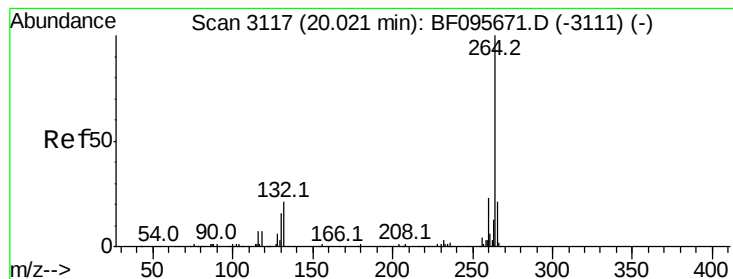
Tot Ion:149 Resp: 12693
 Ion Ratio Lower Upper
 149 100
 167 31.6 21.0 31.4#
 279 3.7 1.9 2.9#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.05 ng
 RT: 21.13 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: BF096025.D
 Acq: 20 Jun 2017 3:35

Tgt Ion:276 Resp: 66711
 Ion Ratio Lower Upper
 276 100
 138 28.5 27.8 41.6
 277 23.9 20.2 30.4





#86

Pervlene-d12

Concen: 20.00 ng

RT: 19.96 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_F

ClientSampled :

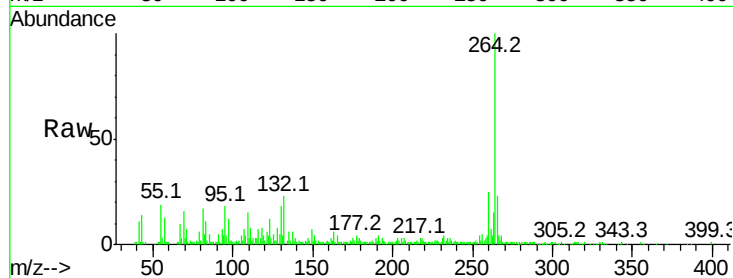
Tot Ion:264 Resp: 97911

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

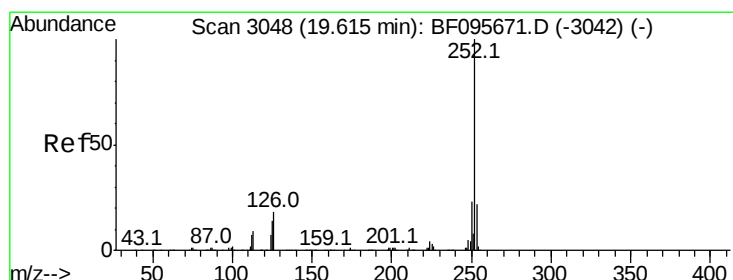
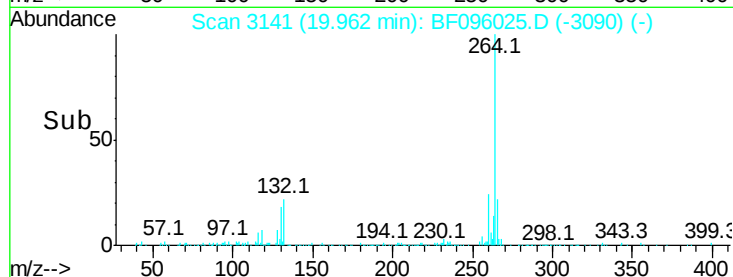
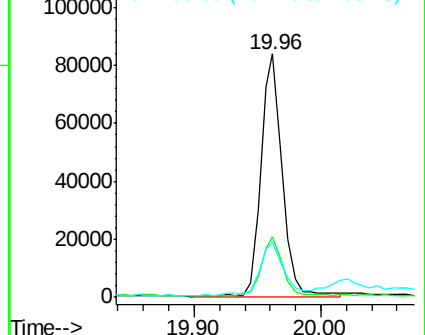
265 22.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 55.92 ng

RT: 19.56 min Scan# 3072

Delta R.T. 0.00 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

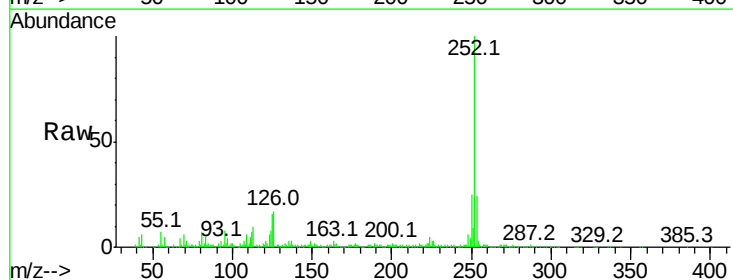
Tgt Ion:252 Resp: 342855

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

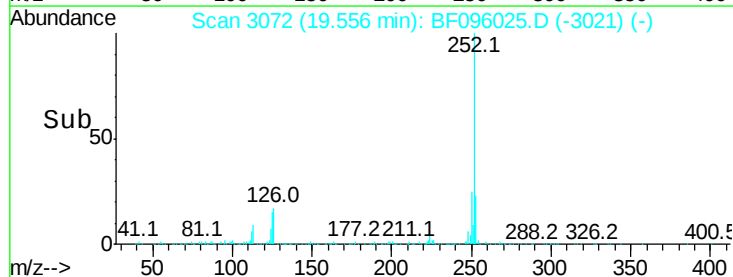
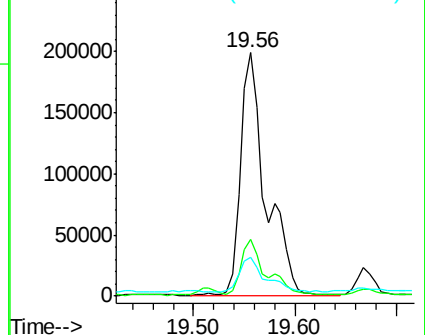
125 16.2 9.8 14.8#

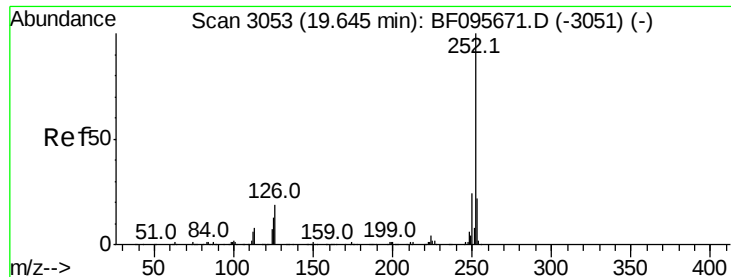


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

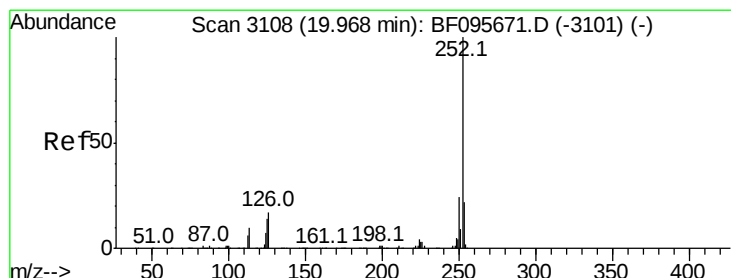
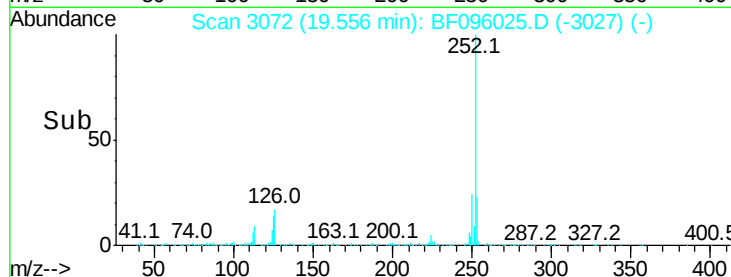
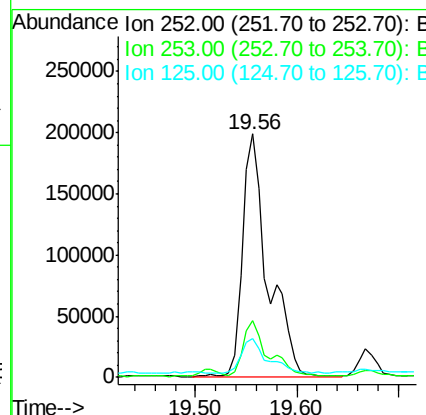
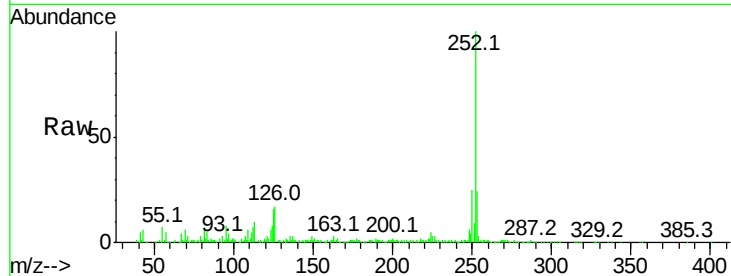




#88
Benzo(k)fluoranthene
Concen: 58.51 ng
RT: 19.56 min Scan# 3072
Delta R.T. -0.04 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

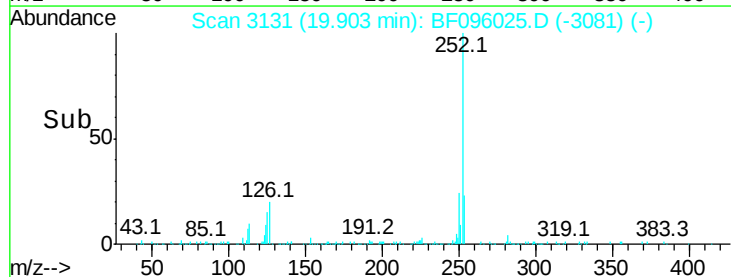
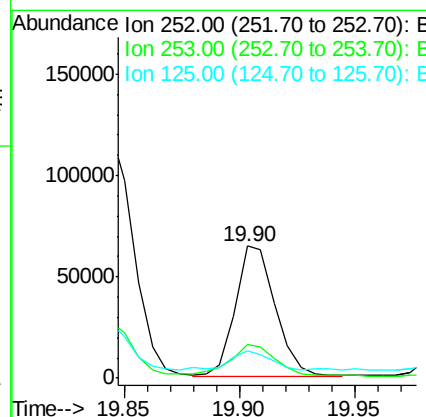
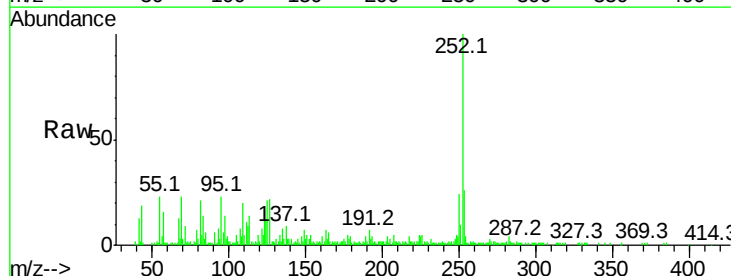
Instrument :
BNA_F
ClientSampleId :

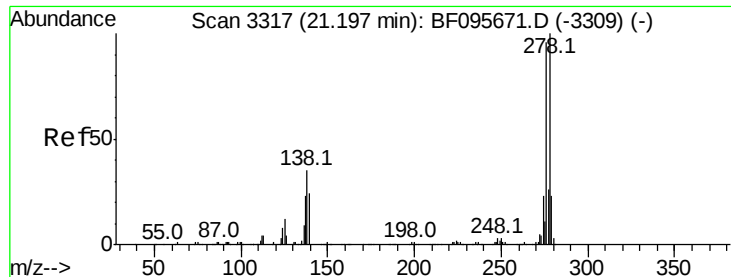
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	16.2	13.1	19.7



#89
Benzo(a)pyrene
Concen: 13.89 ng
RT: 19.90 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BF096025.D
Acq: 20 Jun 2017 3:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	20.5	11.0	16.4#





#90

Dibenzo(a,h)anthracene

Concen: 6.08 ng

RT: 21.11 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_F

ClientSampleId :

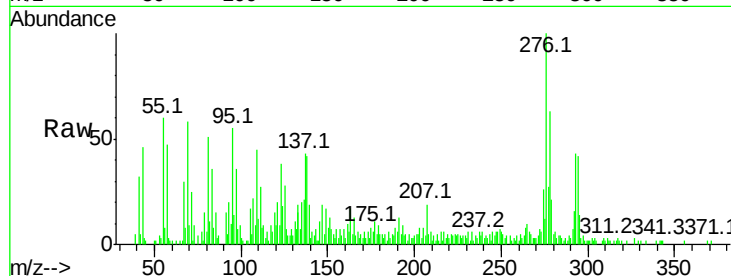
Tot Ion:278 Resp: 29045

Ion Ratio Lower Upper

278 100

139 30.3 16.6 24.8#

279 33.9 19.3 28.9#

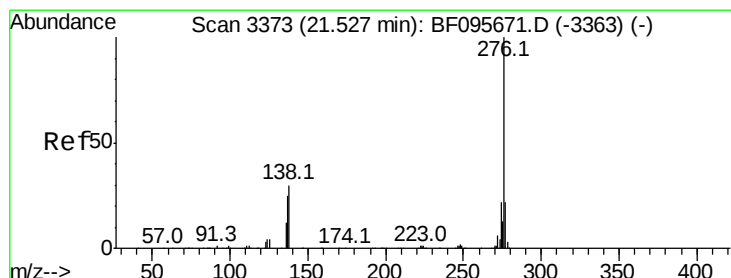
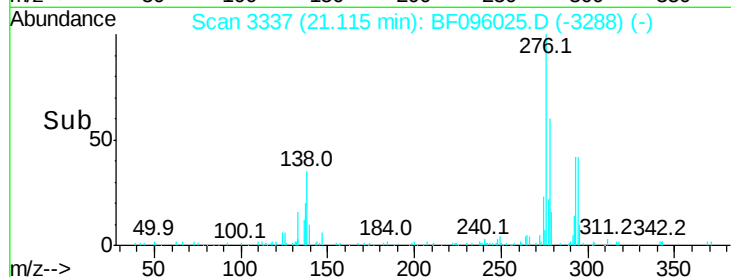
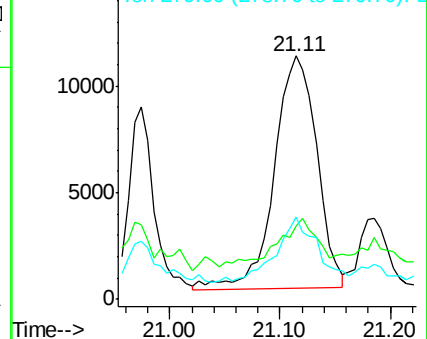


Abundance

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: 11.32 ng

RT: 21.46 min Scan# 3395

Delta R.T. 0.01 min

Lab File: BF096025.D

Acq: 20 Jun 2017 3:35

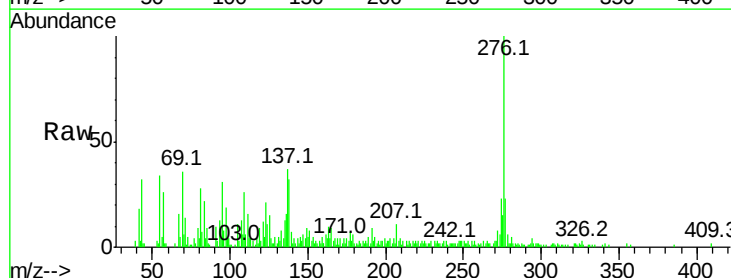
Tgt Ion:276 Resp: 55179

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 32.4 25.4 38.0



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

