

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081519.D
 Acq On : 6 Sep 2015 19:56
 Operator : UM/IZ
 Sample : G3490-01RE
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 28TP22(4.5-5)RE

Quant Time: Sep 07 02:11:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

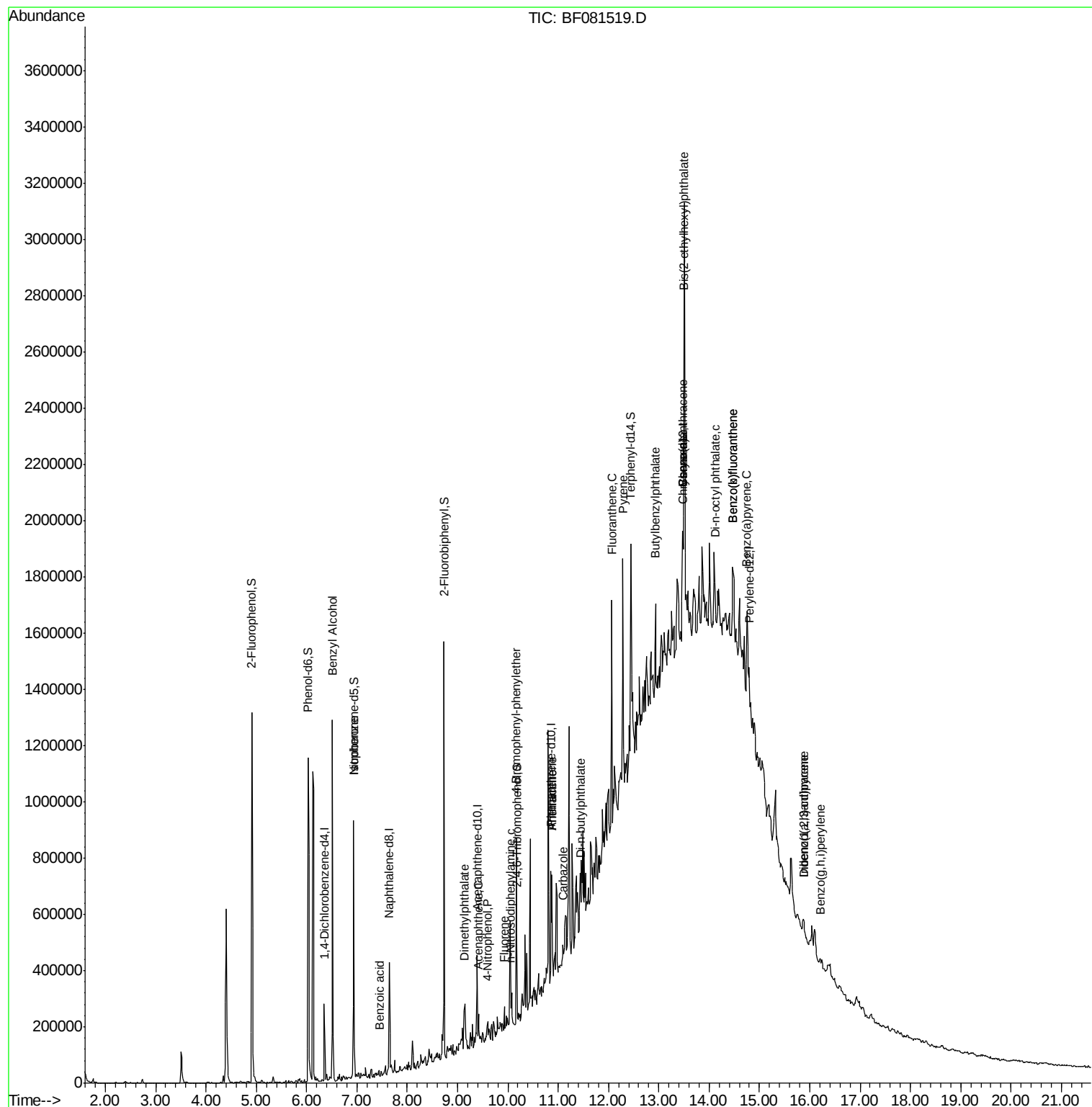
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	44173	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	161320	20.00	ng	-0.03
38) Acenaphthene-d10	9.39	164	67729	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	111438	20.00	ng	-0.02
75) Chrysene-d12	13.49	240	82325	20.00	ng	-0.01
86) Perylene-d12	14.80	264	54734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	374962	131.70	ng	-0.01
7) Phenol-d6	6.03	99	514398	136.50	ng	-0.02
23) Nitrobenzene-d5	6.94	82	294310	88.02	ng	-0.03
41) 2,4,6-Tribromophenol	10.18	330	66948	111.01	ng	-0.02
44) 2-Fluorobiphenyl	8.73	172	418397	79.16	ng	-0.03
78) Terphenyl-d14	12.45	244	248346	70.22	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.51	79	6228	2.01	ng	# 30
25) Isophorone	6.94	82	233873	37.60	ng	# 59
32) Benzoic acid	7.45	122	430	2.76	ng	# 7
49) Dimethylphthalate	9.14	163	64242	12.21	ng	# 97
51) Acenaphthene	9.42	154	14221	3.13	ng	# 86
55) 4-Nitrophenol	9.59	139	5155	6.03	ng	# 49
57) Fluorene	9.93	166	20151	4.00	ng	# 90
65) n-Nitrosodiphenylamine	10.06	169	10745	2.65	ng	# 60
66) 4-Bromophenyl-phenylether	10.17	248	4859	4.31	ng	# 1
70) Phenanthrene	10.88	178	125604	20.27	ng	# 98
71) Anthracene	10.88	178	125604	19.73	ng	# 98
72) Carbazole	11.10	167	16734	2.80	ng	# 81
73) Di-n-butylphthalate	11.45	149	23415	3.32	ng	# 83
74) Fluoranthene	12.07	202	441921	65.89	ng	# 85
77) Pyrene	12.29	202	359829	59.01	ng	# 95
79) Butylbenzylphthalate	12.94	149	60380	22.77	ng	# 74
80) Benzo(a)anthracene	13.47	228	160177	30.55	ng	# 93
82) Chrysene	13.47	228	160177	34.08	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.51	149	365944	104.56	ng	# 90
84) Di-n-octyl phthalate	14.11	149	32114	5.57	ng	# 1
85) Indeno(1,2,3-cd)pyrene	15.89	276	20295	5.89	ng	# 87
87) Benzo(b)fluoranthene	14.47	252	111989	28.66	ng	# 75
88) Benzo(k)fluoranthene	14.47	252	111989	34.54	ng	# 73
89) Benzo(a)pyrene	14.75	252	50855	15.36	ng	# 76
90) Dibenzo(a,h)anthracene	15.89	278	7633	2.98	ng	# 31
91) Benzo(g,h,i)perylene	16.21	276	19515	7.99	ng	# 81

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

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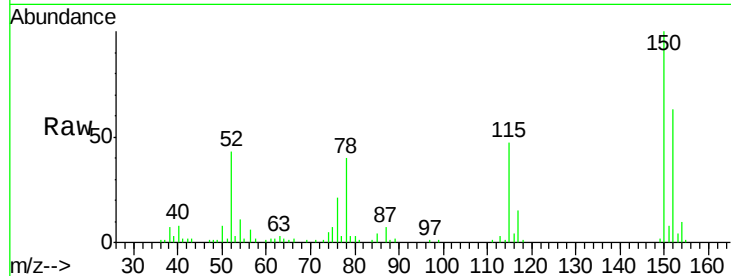


#1

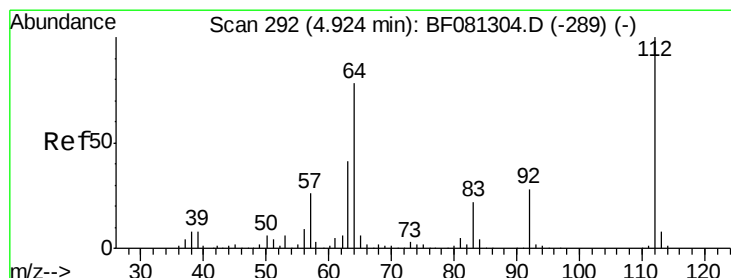
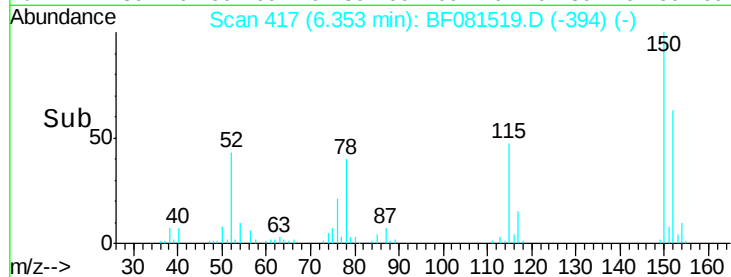
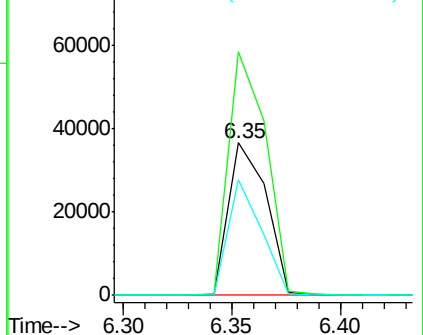
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)RE

Tot Ion:152 Resp: 44173
Ion Ratio Lower Upper
152 100
150 159.7 124.7 187.1
115 75.8 39.0 58.4#



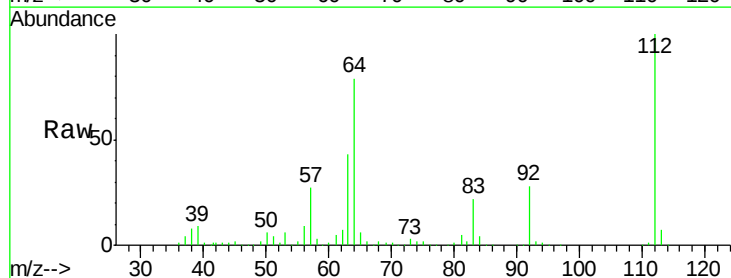
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



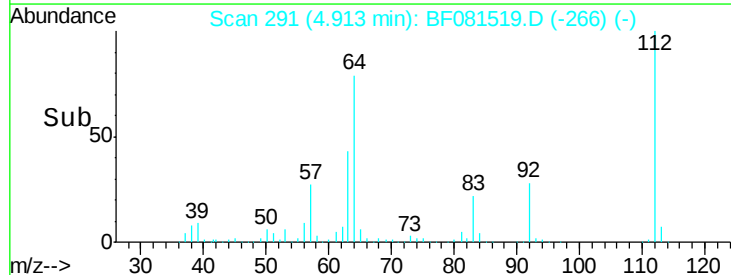
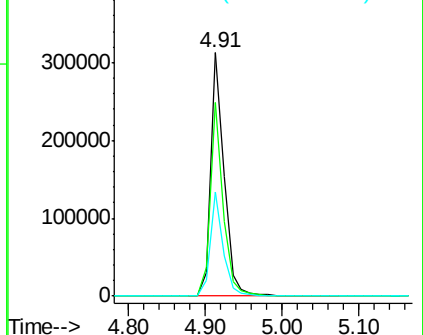
#5

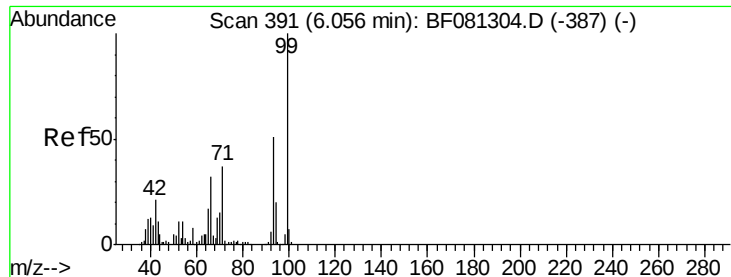
2-Fluorophenol
Concen: 131.70 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

Tgt Ion:112 Resp: 374962
Ion Ratio Lower Upper
112 100
64 79.4 39.7 59.5#
63 42.5 17.4 26.0#



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: 136.50 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE

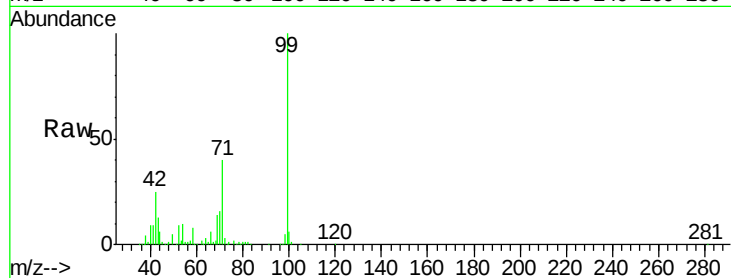
Tot Ion: 99 Resp: 514398

Ion Ratio Lower Upper

99 100

42 25.2 13.7 20.5#

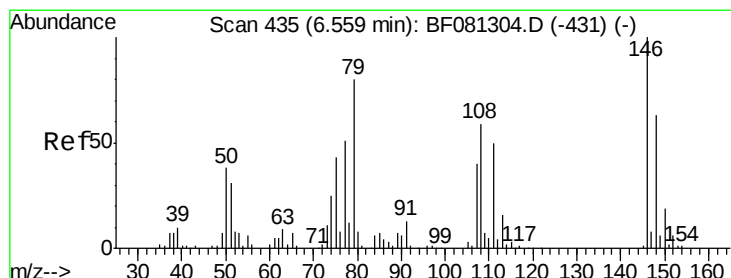
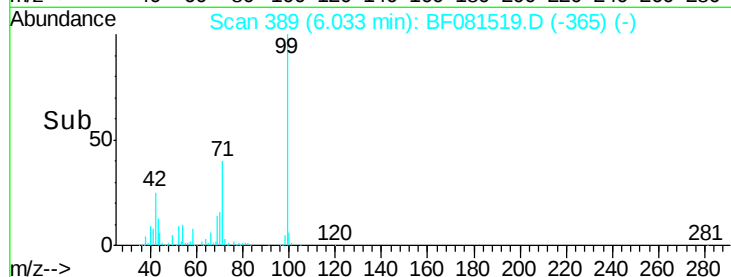
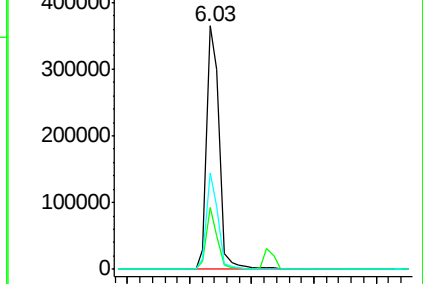
71 39.5 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

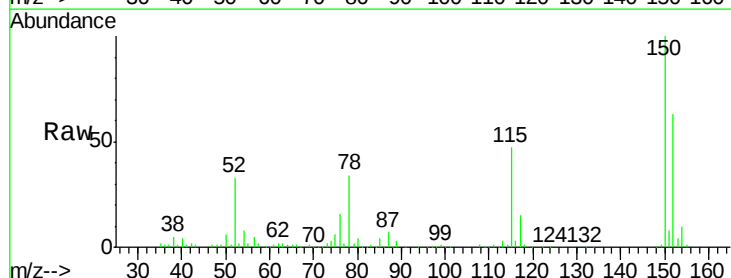
Tgt Ion: 79 Resp: 6228

Ion Ratio Lower Upper

79 100

108 23.7 88.6 132.8#

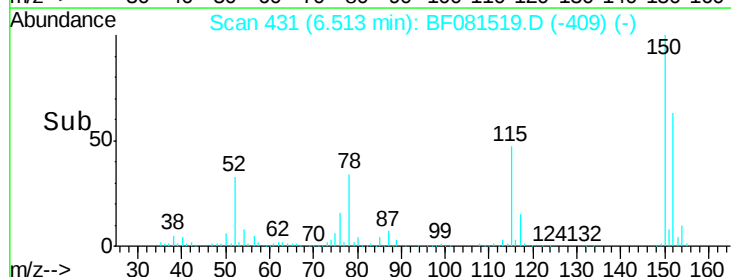
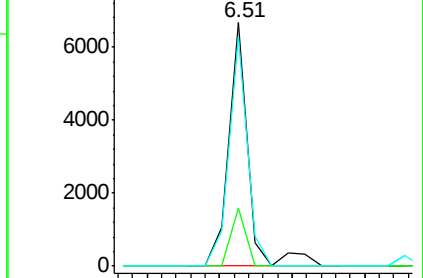
77 94.2 47.0 70.4#

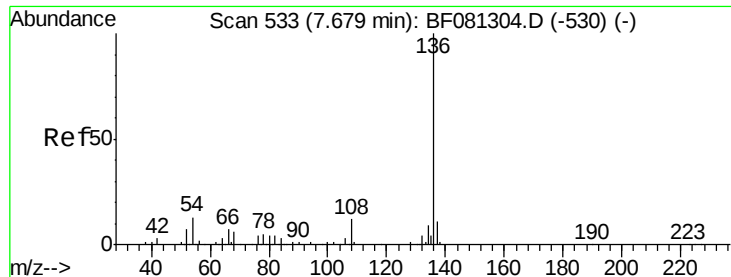


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE

Tot Ion:136 Resp: 161320

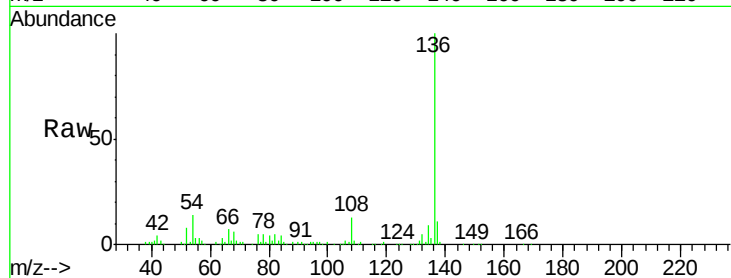
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 14.4 8.2 12.2#

68 6.1 5.8 8.6

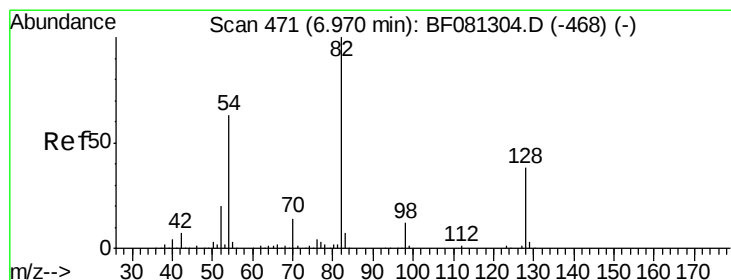
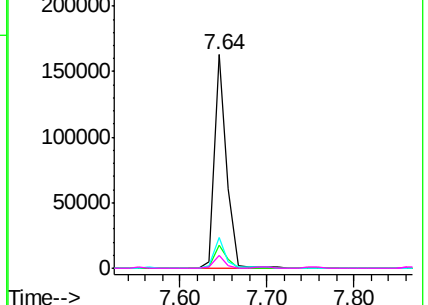
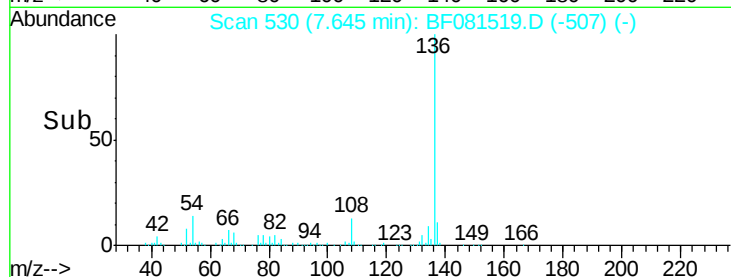


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 88.02 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

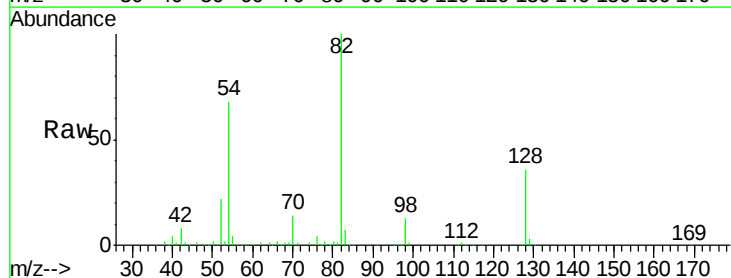
Tgt Ion: 82 Resp: 294310

Ion Ratio Lower Upper

82 100

128 35.7 51.0 76.6#

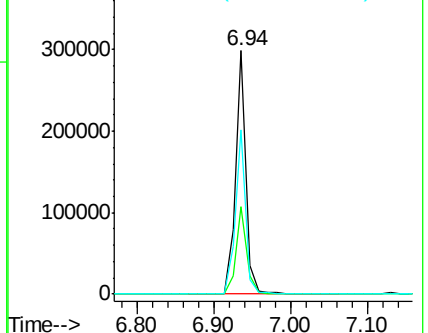
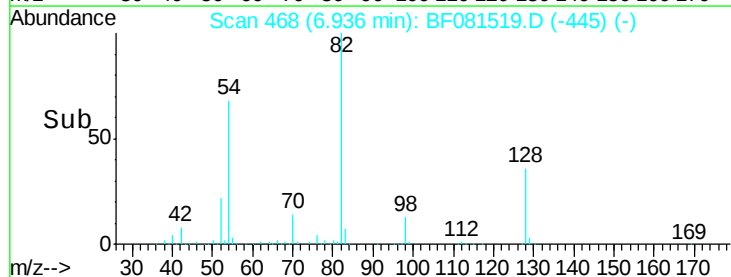
54 67.7 47.5 71.3

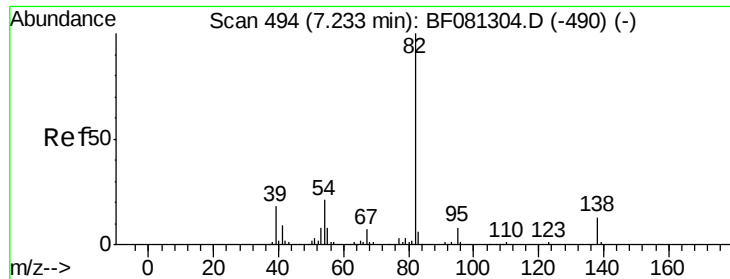


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.60 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.30 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

Instrument :

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ClientSampleId :

28TP22(4.5-5)RE

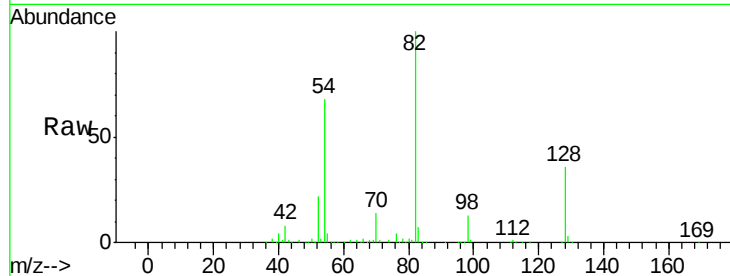
Tot Ion: 82 Resp: 233873

Ion Ratio Lower Upper

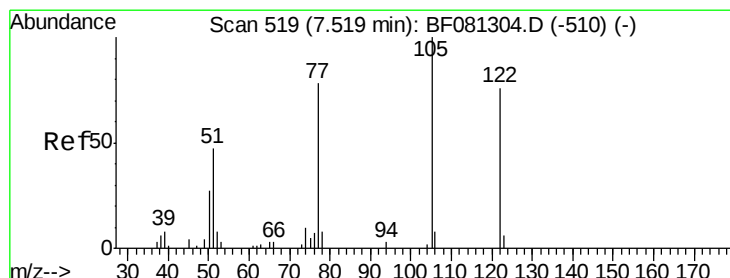
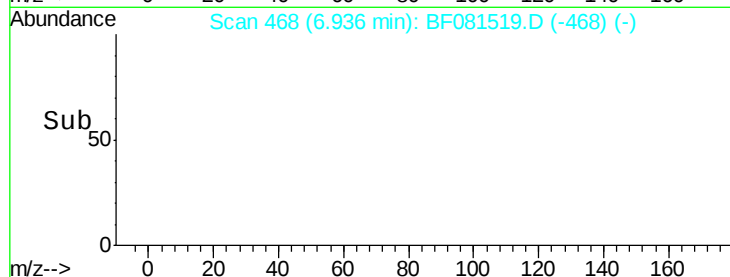
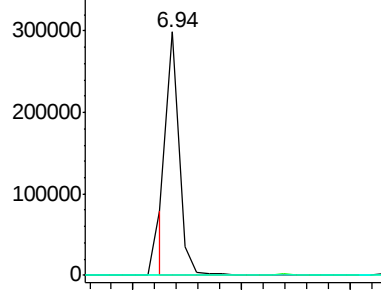
82 100

95 0.1 4.0 6.0#

138 0.0 18.3 27.5#



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



#32

Benzoic acid

Concen: 2.76 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.07 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

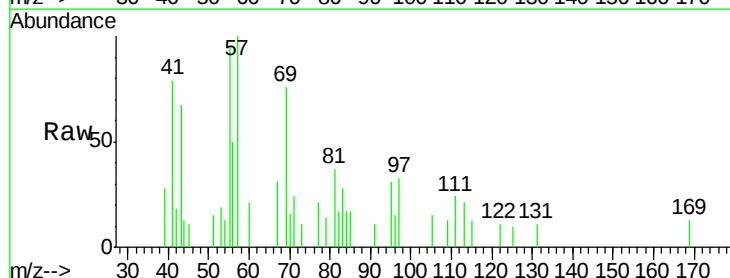
Tgt Ion: 122 Resp: 430

Ion Ratio Lower Upper

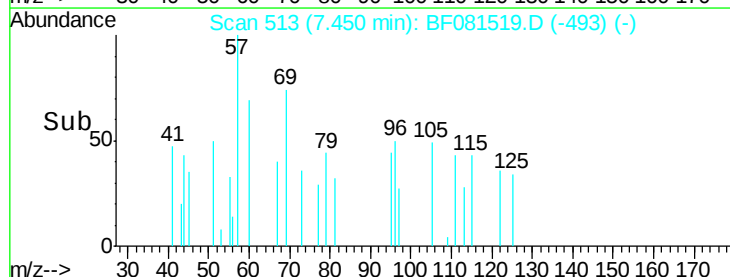
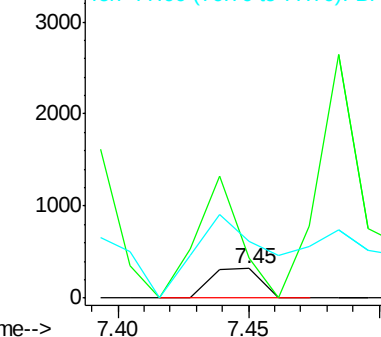
122 100

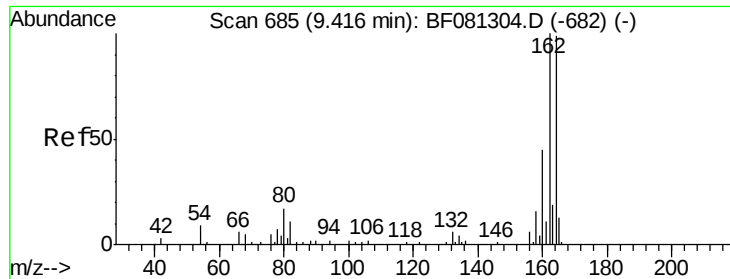
105 135.7 76.1 116.1#

77 195.3 40.5 80.5#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

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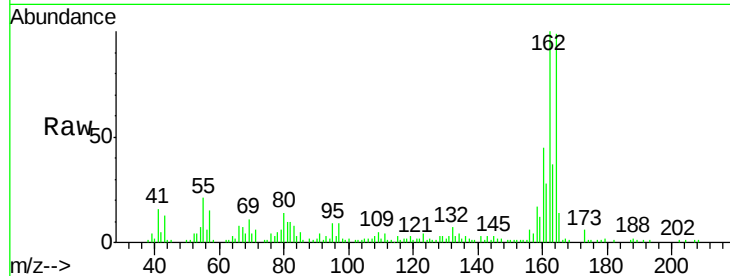
Tot Ion:164 Resp: 67729

Ion Ratio Lower Upper

164 100

162 100.7 75.2 112.8

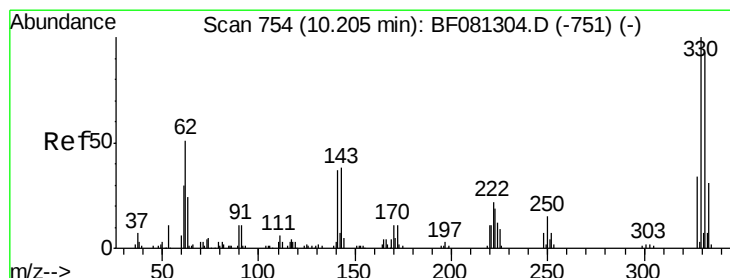
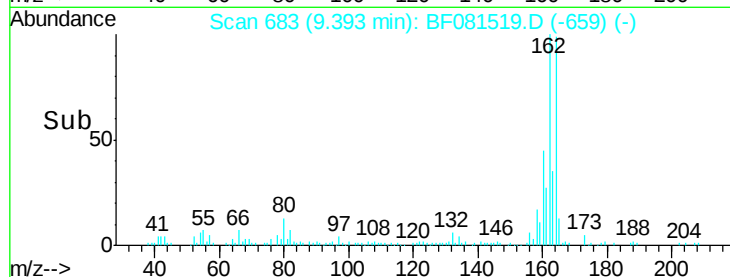
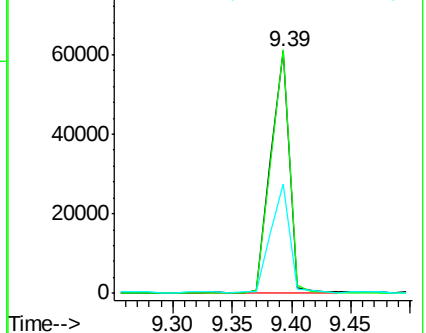
160 45.4 31.5 47.3



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: 111.01 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

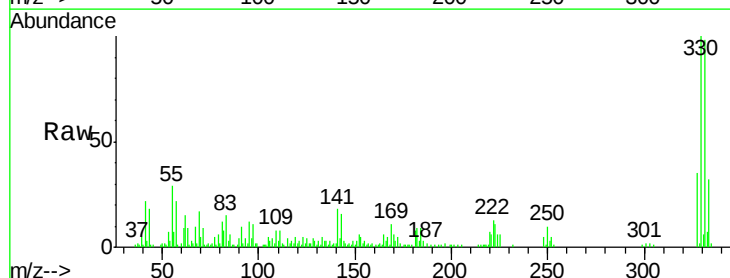
Tgt Ion:330 Resp: 66948

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

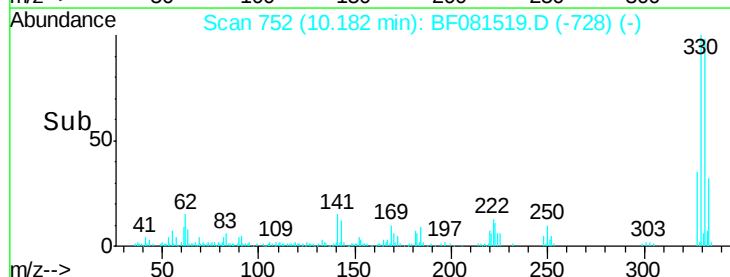
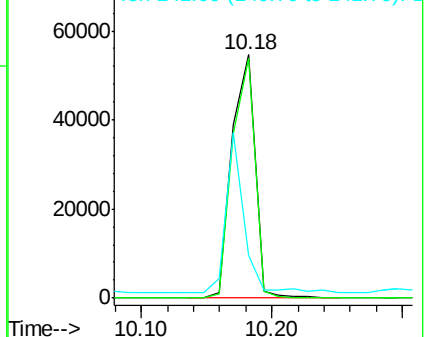
141 53.4 29.7 44.5#

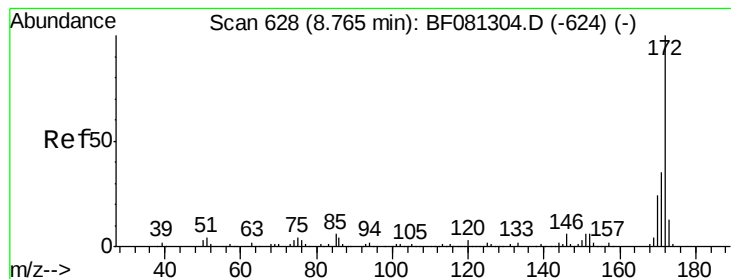


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.16 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.03 min

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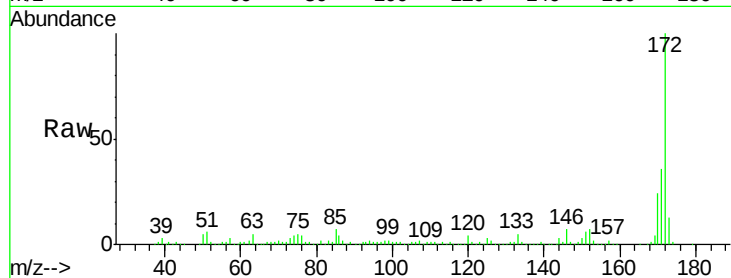
Tot Ion:172 Resp: 418397

Ion Ratio Lower Upper

172 100

171 35.5 26.1 39.1

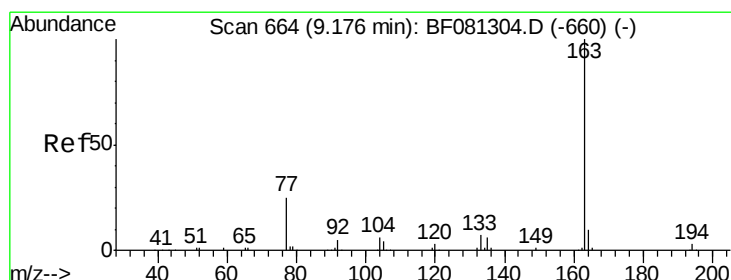
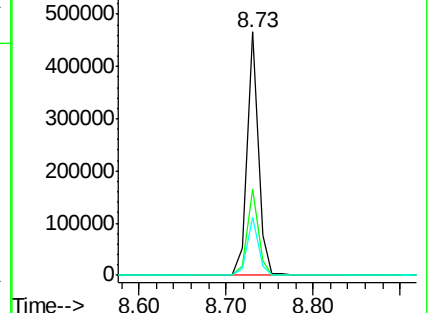
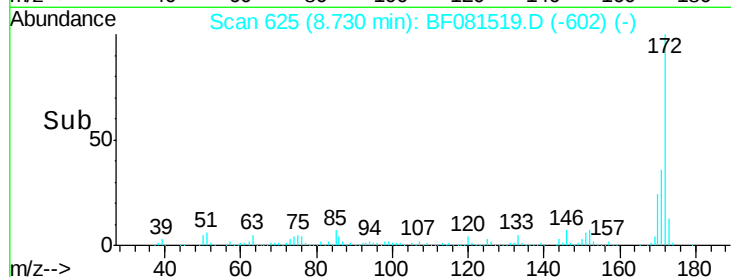
170 23.7 17.4 26.2



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: 12.21 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

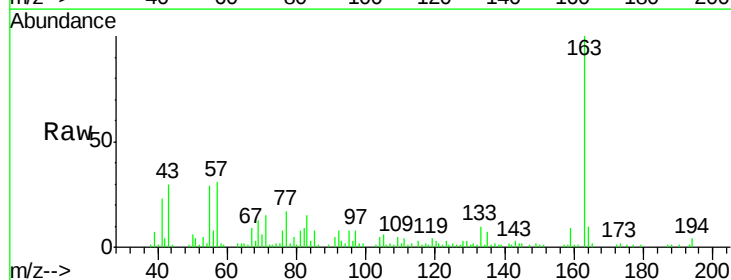
Tgt Ion:163 Resp: 64242

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

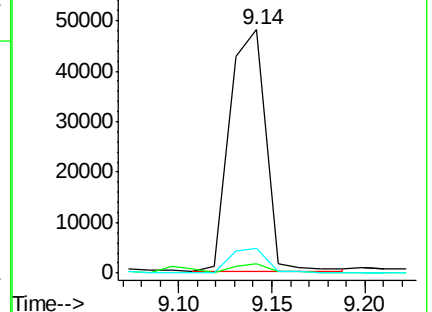
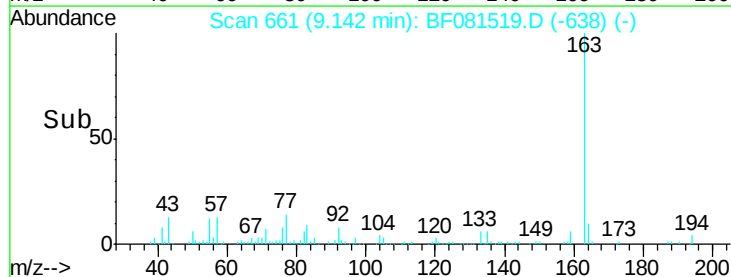
164 9.9 8.3 12.5

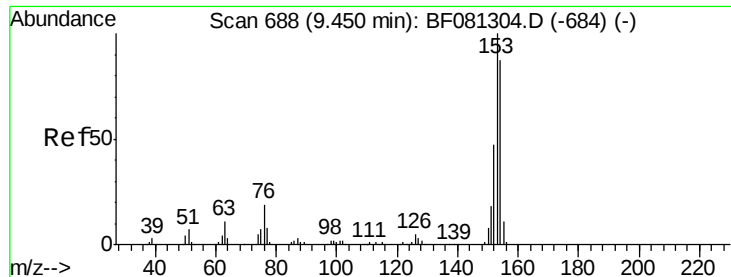


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.13 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE

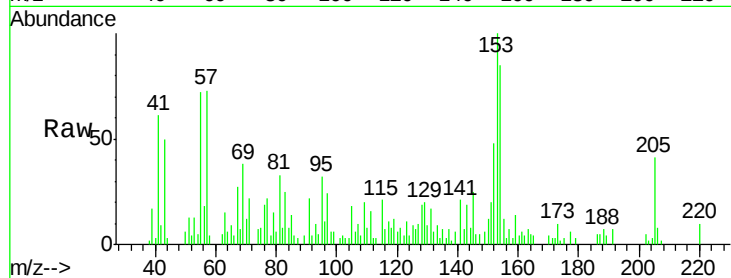
Tot Ion:154 Resp: 14221

Ion Ratio Lower Upper

154 100

153 117.7 82.1 123.1

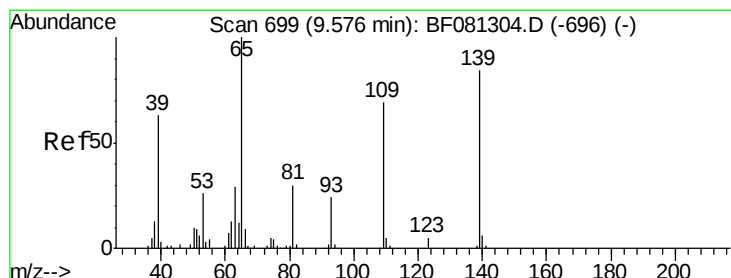
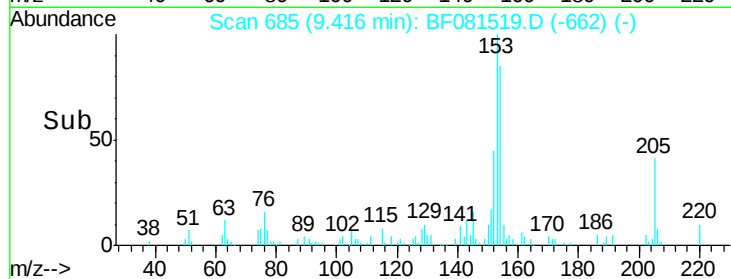
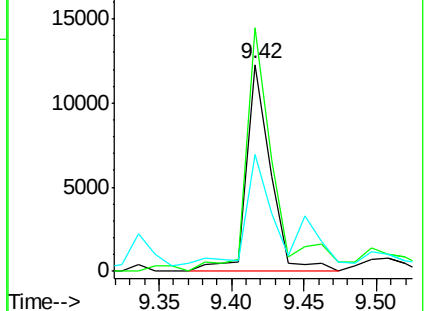
152 56.6 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 6.03 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

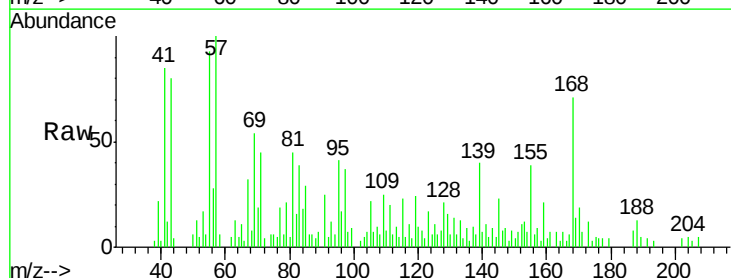
Tgt Ion:139 Resp: 5155

Ion Ratio Lower Upper

139 100

109 62.4 12.7 52.7#

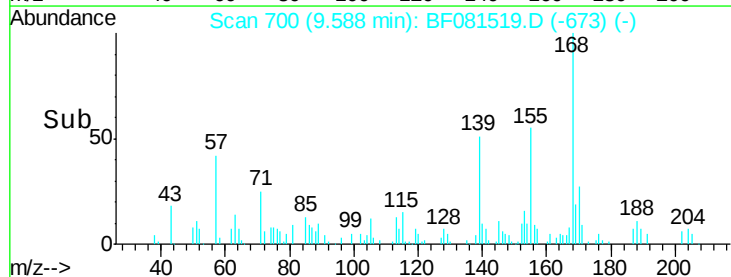
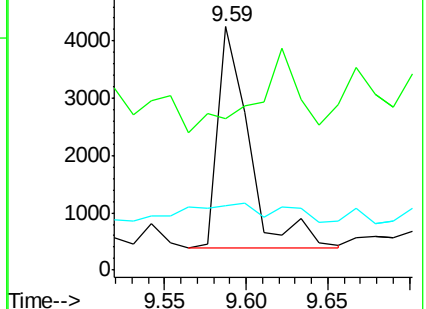
65 26.6 45.9 85.9#

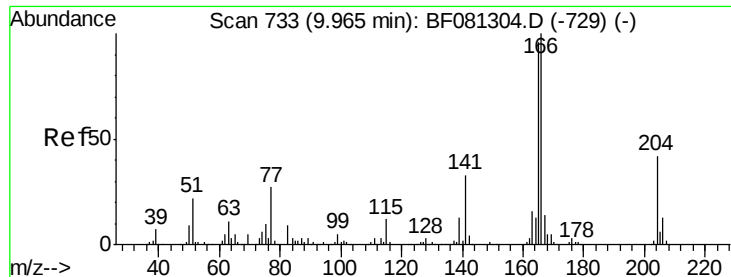


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 4.00 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE

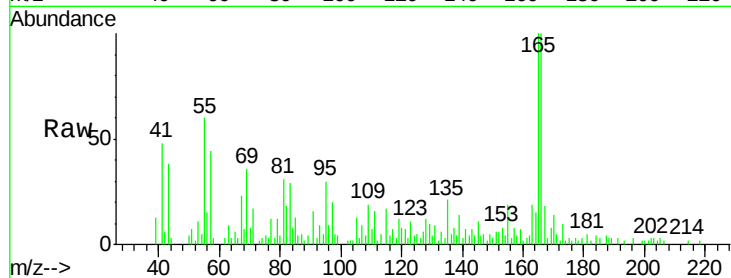
Tot Ion:166 Resp: 20151

Ion Ratio Lower Upper

166 100

165 99.7 72.6 109.0

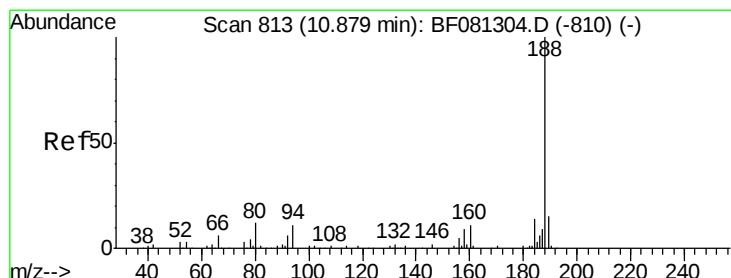
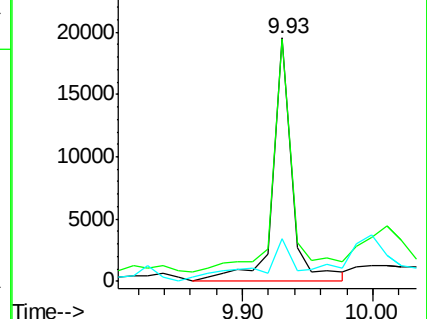
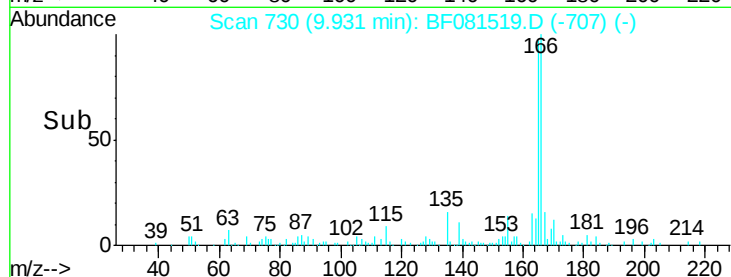
167 17.5 10.6 16.0#



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: 10.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

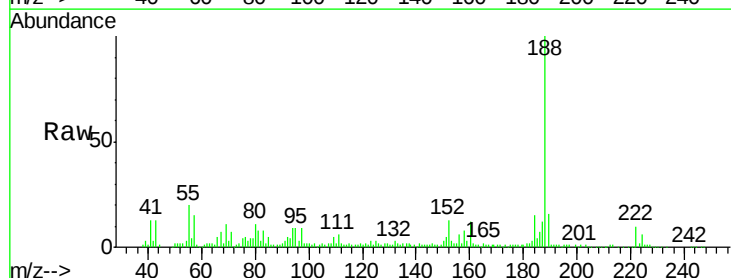
Tgt Ion:188 Resp: 111438

Ion Ratio Lower Upper

188 100

94 9.4 11.1 16.7#

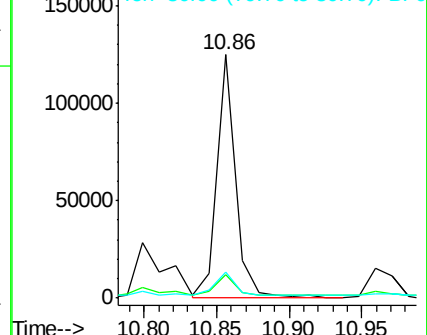
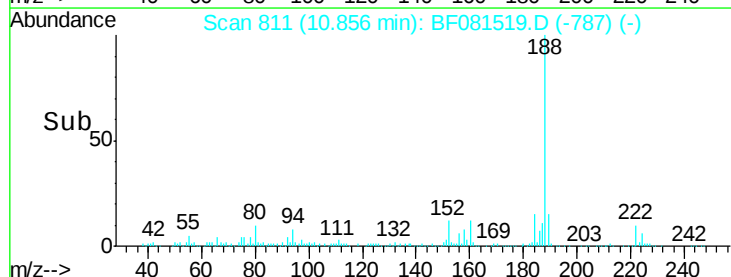
80 10.8 11.0 16.4#

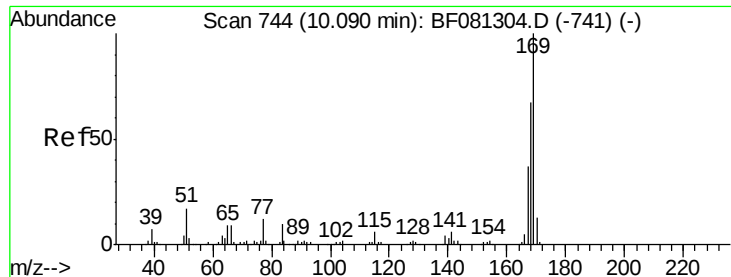


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

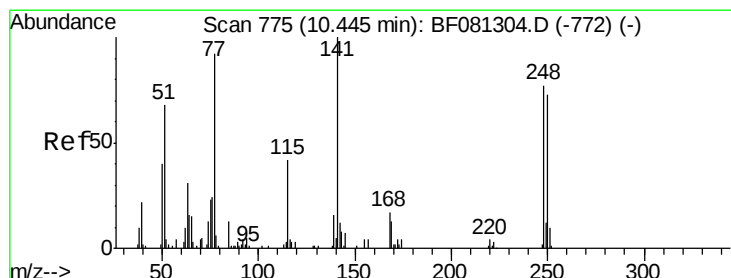
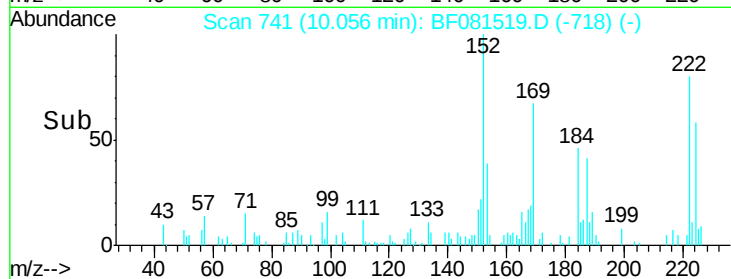
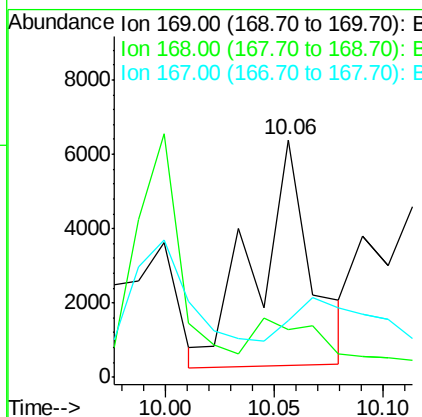
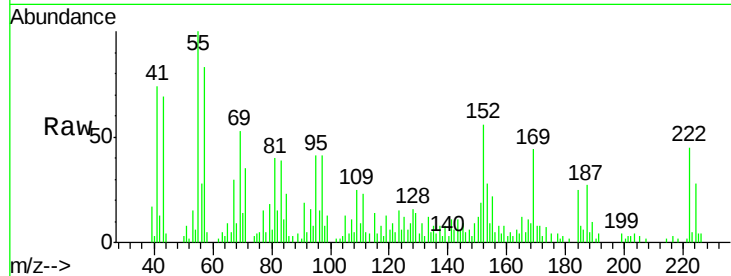




#65
n-Nitrosodiphenylamine
Concen: 2.65 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

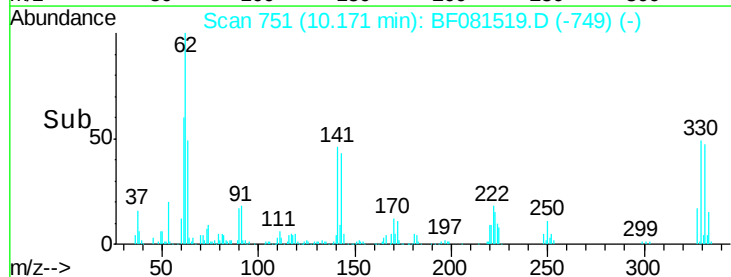
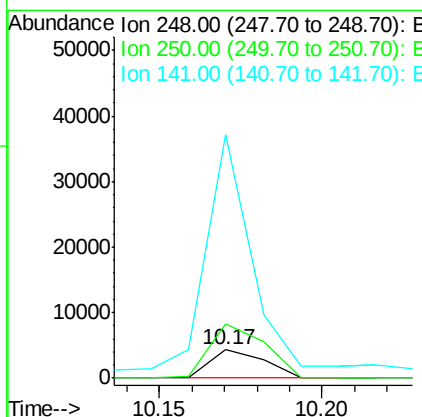
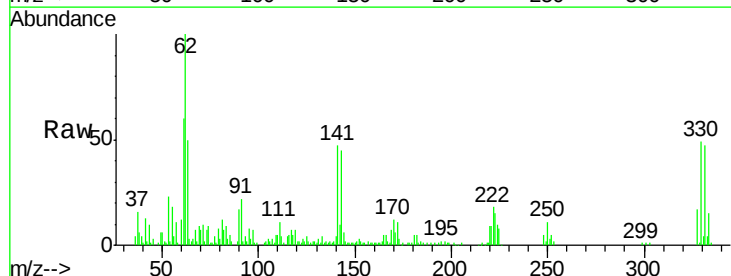
Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)RE

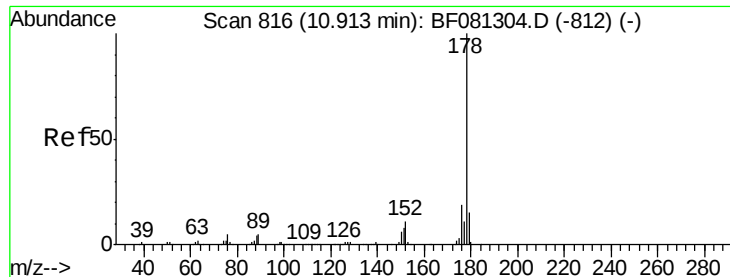
Tot Ion:169 Resp: 10745
Ion Ratio Lower Upper
169 100
168 20.4 48.9 73.3#
167 24.0 26.2 39.4#



#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

Tgt Ion:248 Resp: 4859
Ion Ratio Lower Upper
248 100
250 194.2 78.5 117.7#
141 868.6 59.0 88.6#

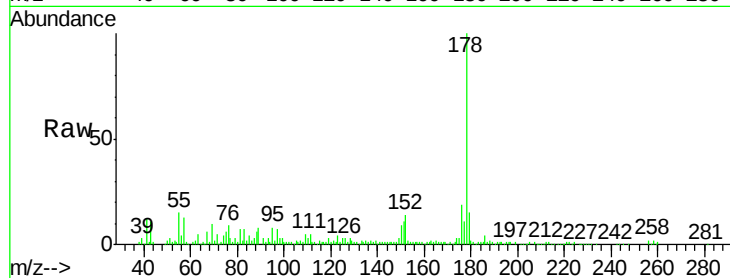




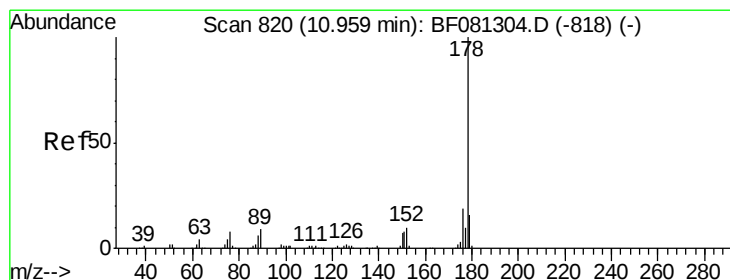
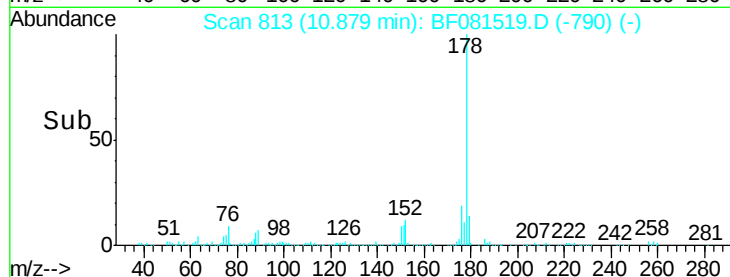
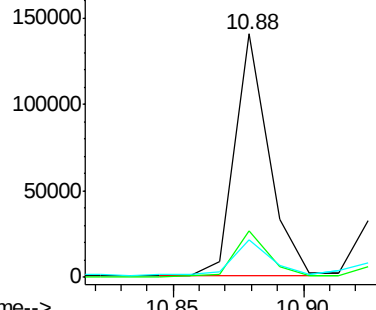
#70
Phenanthrene
Concen: 20.27 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)RE

Tot Ion:178 Resp: 125604
Ion Ratio Lower Upper
178 100
176 19.0 13.8 20.8
179 15.4 12.2 18.2

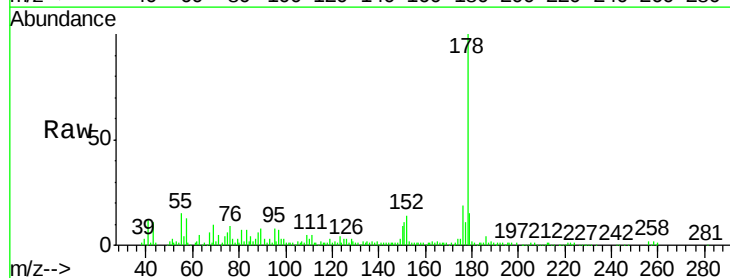


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

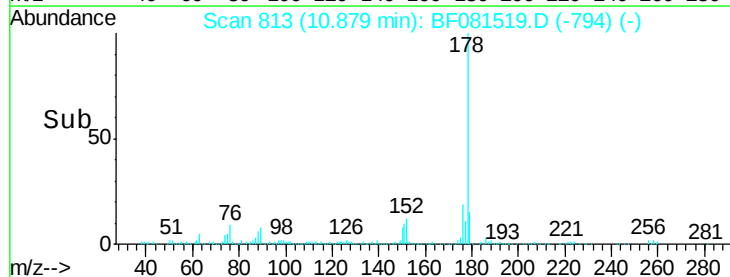
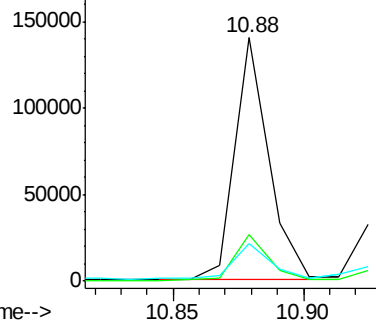


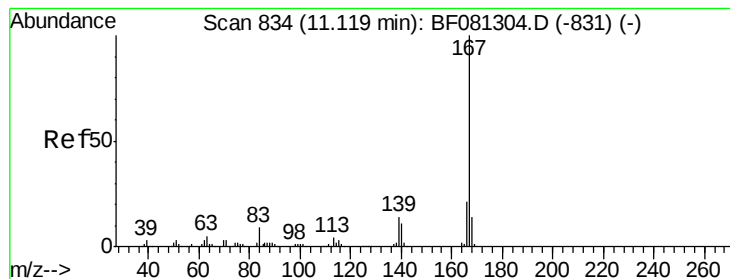
#71
Anthracene
Concen: 19.73 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.08 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

Tgt Ion:178 Resp: 125604
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 15.4 12.2 18.2



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





#72

Carbazole

Concen: 2.80 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE

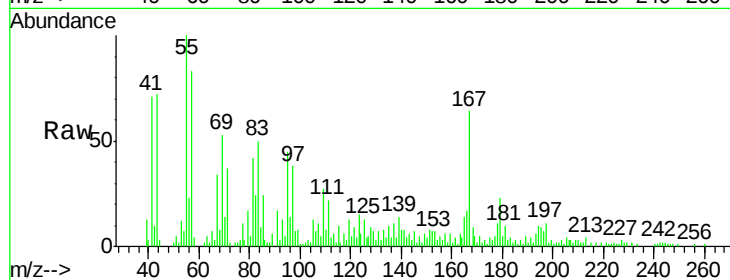
Tot Ion:167 Resp: 16734

Ion Ratio Lower Upper

167 100

166 26.9 15.7 23.5#

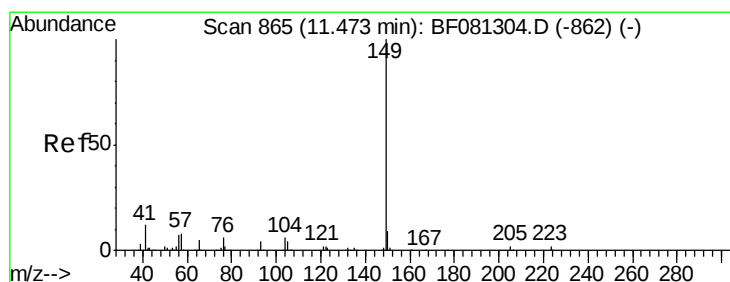
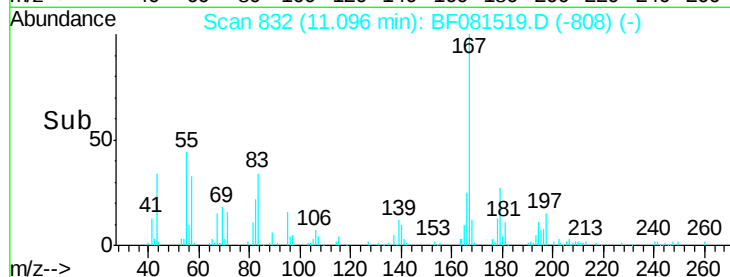
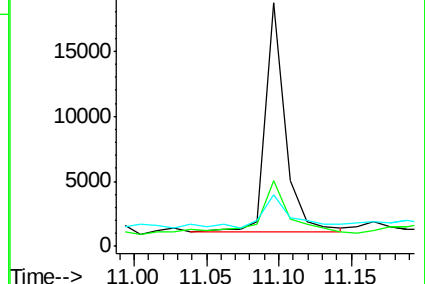
139 21.2 9.5 14.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 3.32 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

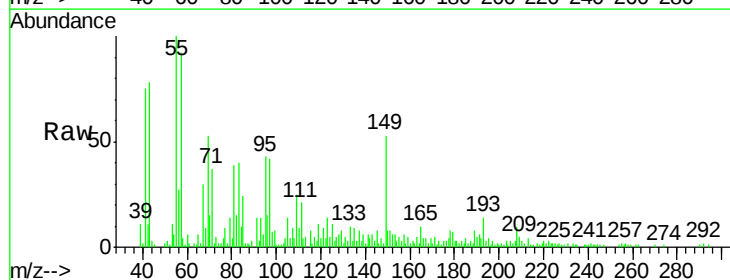
Tgt Ion:149 Resp: 23415

Ion Ratio Lower Upper

149 100

150 15.9 7.4 11.2#

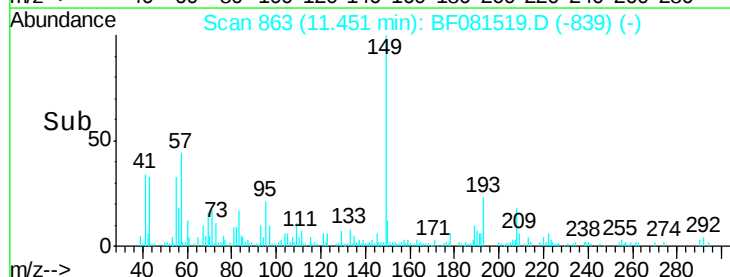
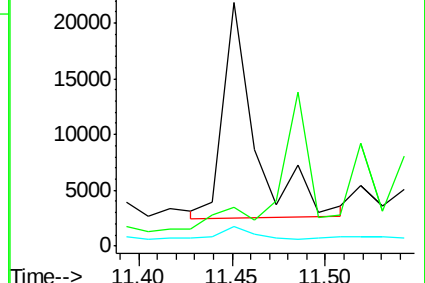
104 7.8 2.4 3.6#

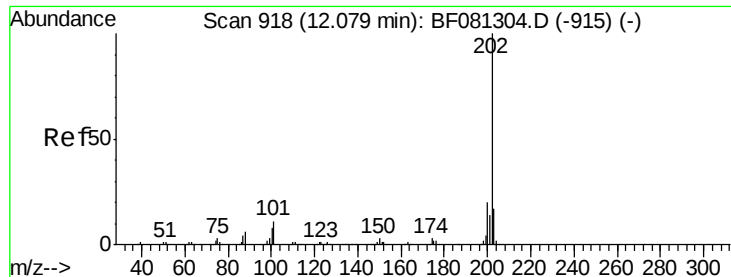


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 65.89 ng

RT: 12.07 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE

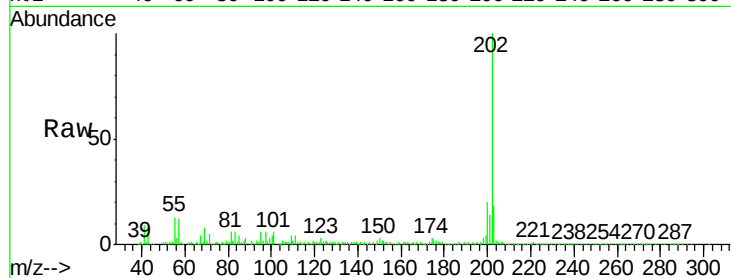
Tot Ion:202 Resp: 441921

Ion Ratio Lower Upper

202 100

101 6.1 0.0 38.3

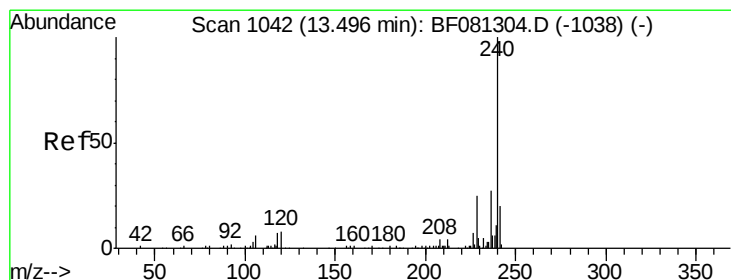
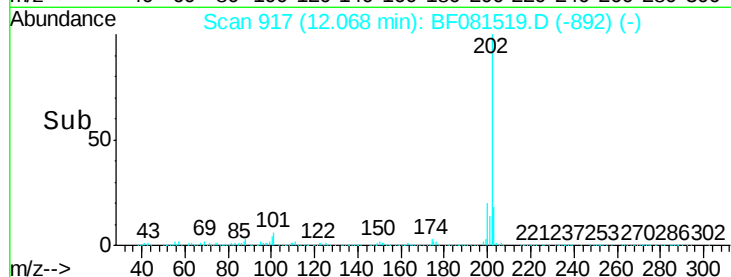
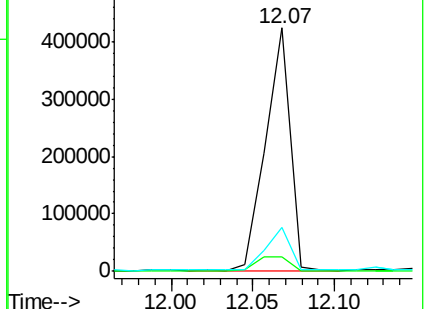
203 18.0 0.0 37.3



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: 13.49 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

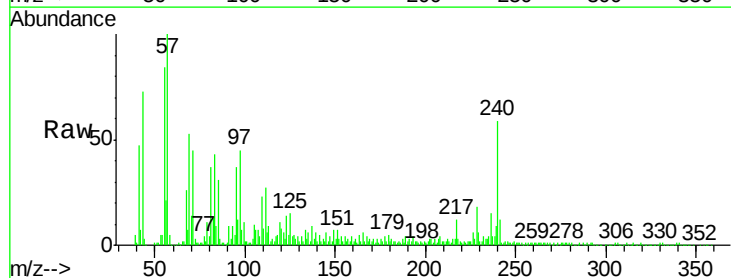
Tgt Ion:240 Resp: 82325

Ion Ratio Lower Upper

240 100

120 14.0 16.2 24.2#

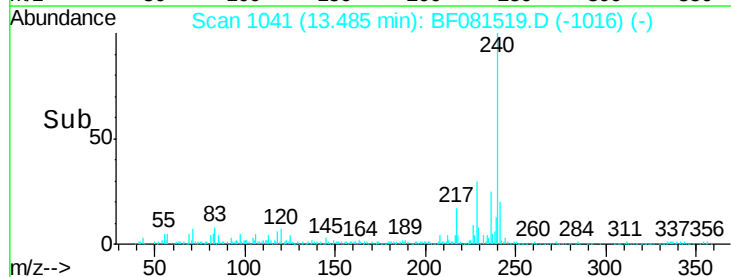
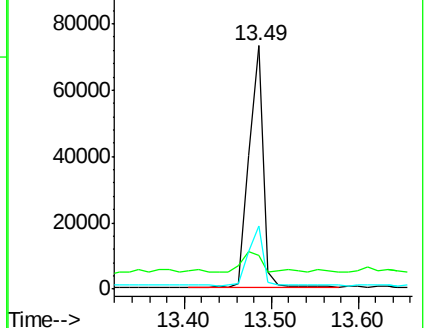
236 26.1 18.4 27.6

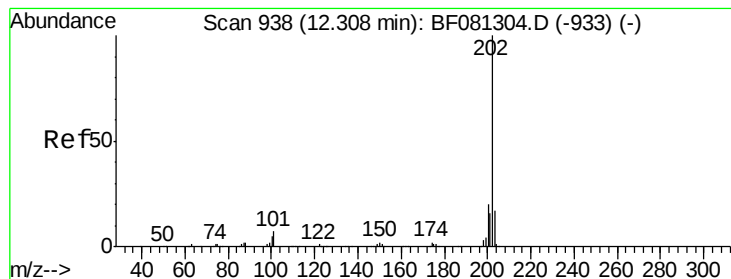


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 59.01 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE

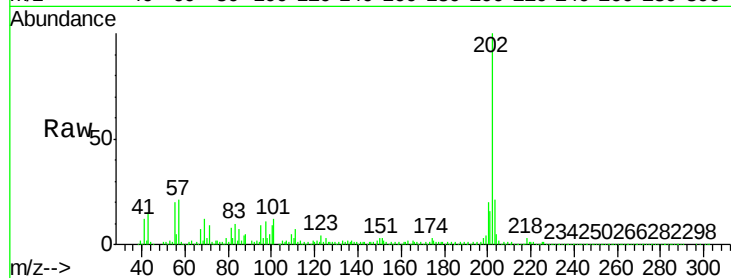
Tot Ion:202 Resp: 359829

Ion Ratio Lower Upper

202 100

200 19.6 15.0 22.4

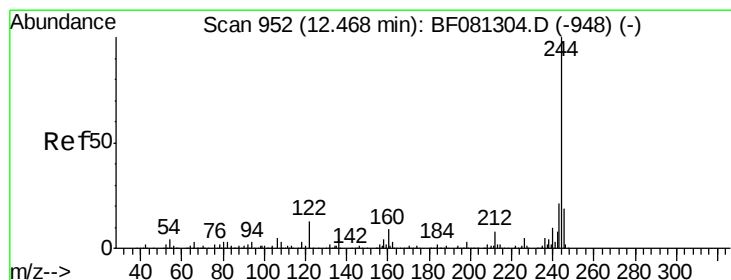
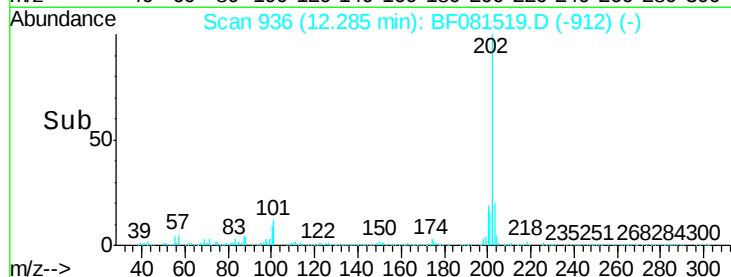
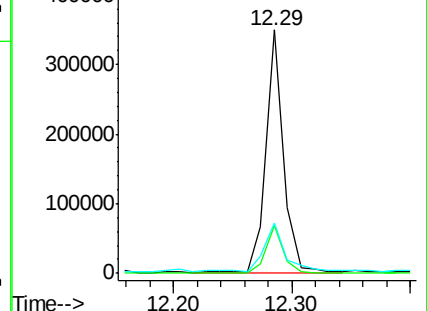
203 20.9 14.1 21.1



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: 70.22 ng

RT: 12.45 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

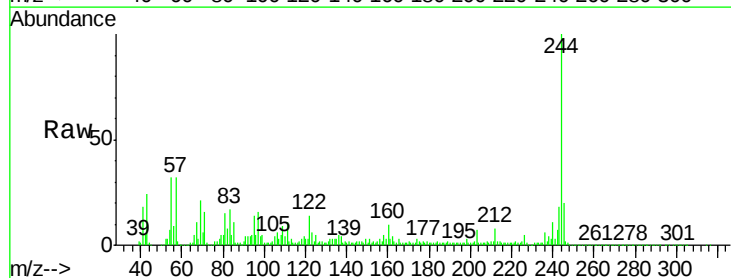
Tgt Ion:244 Resp: 248346

Ion Ratio Lower Upper

244 100

212 8.4 4.3 6.5#

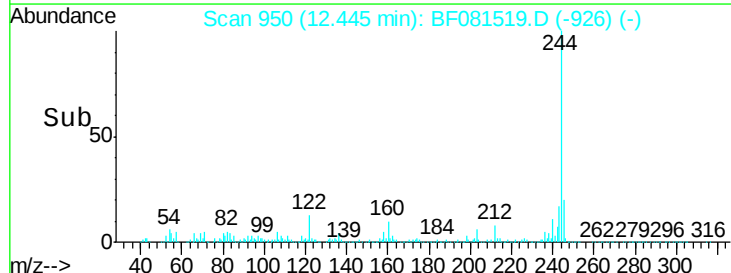
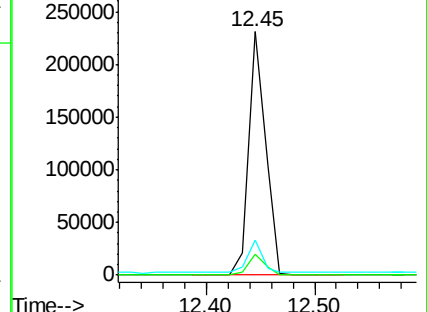
122 14.3 17.4 26.2#

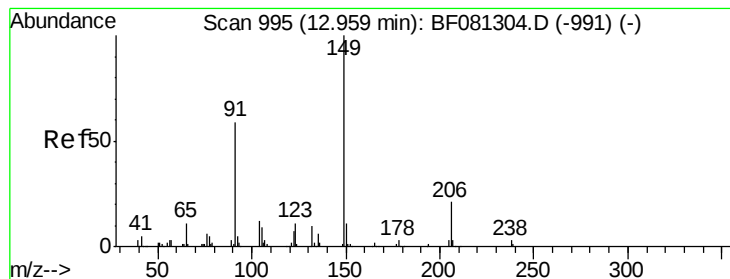


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 22.77 ng

RT: 12.94 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE

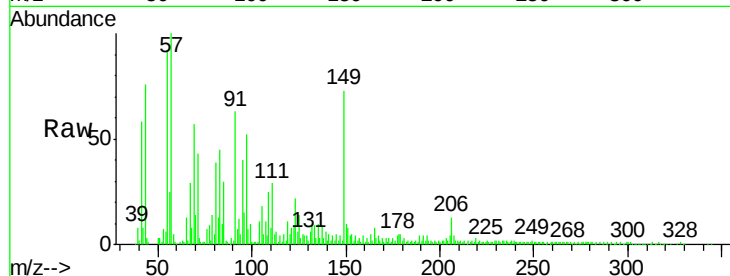
Tot Ion:149 Resp: 60380

Ion Ratio Lower Upper

149 100

91 85.8 48.6 72.8#

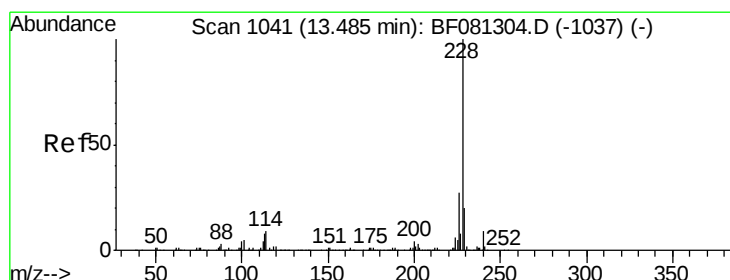
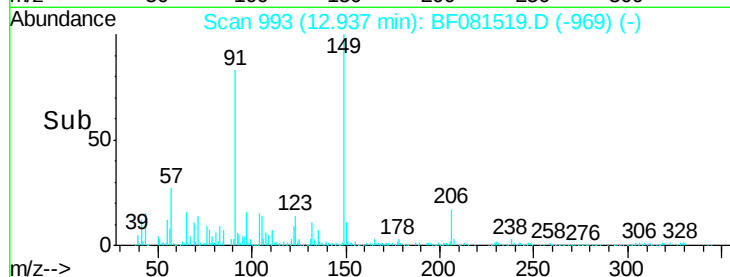
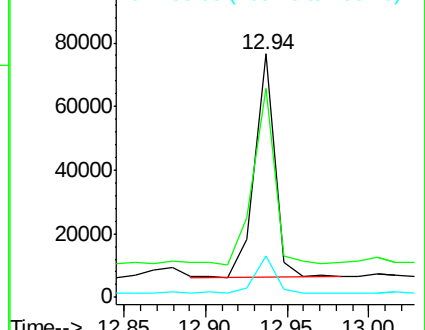
206 17.2 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 30.55 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

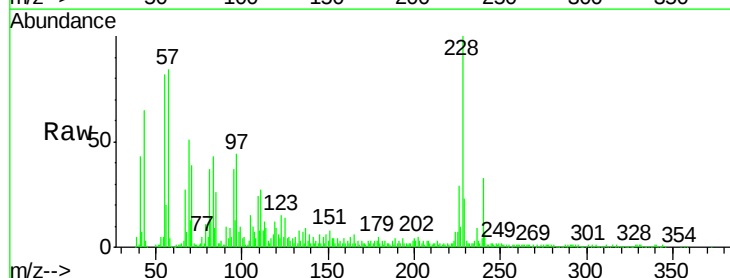
Tgt Ion:228 Resp: 160177

Ion Ratio Lower Upper

228 100

226 28.7 20.0 30.0

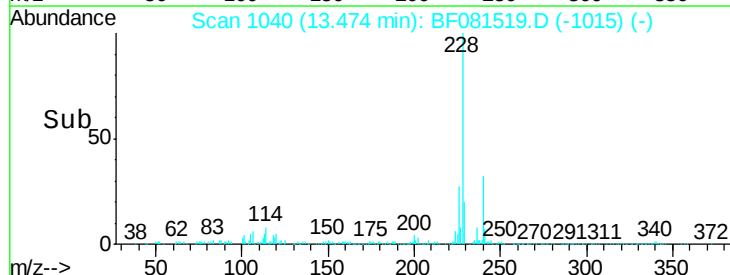
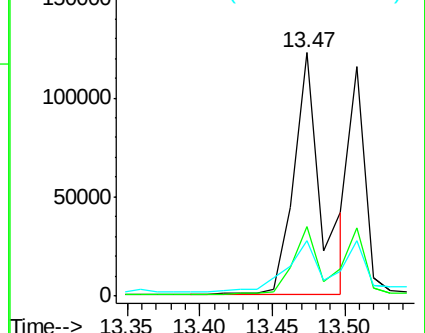
229 22.7 15.4 23.2

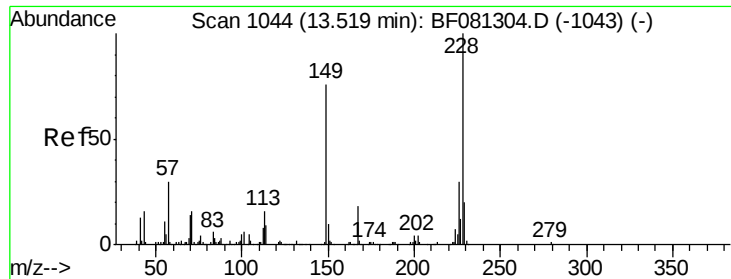


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 34.08 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE

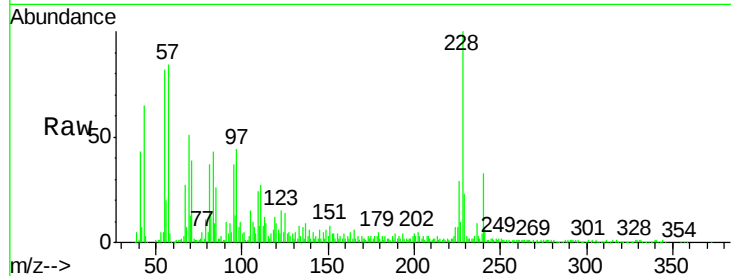
Tot Ion:228 Resp: 160177

Ion Ratio Lower Upper

228 100

226 28.7 21.0 31.4

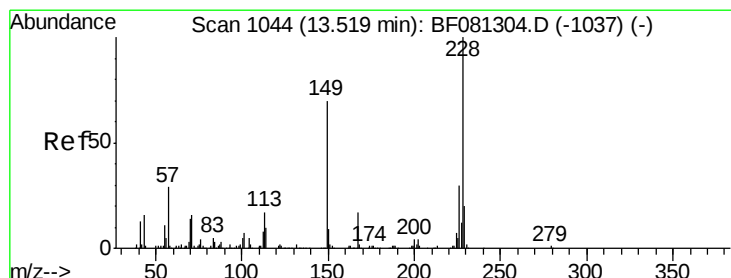
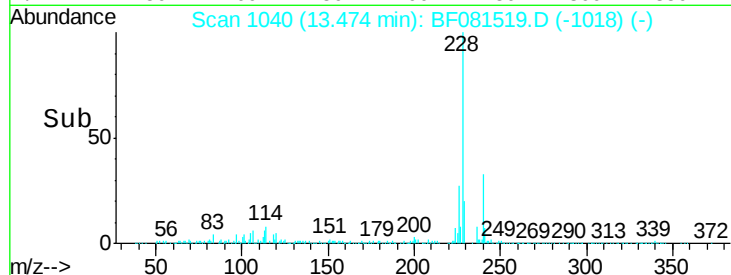
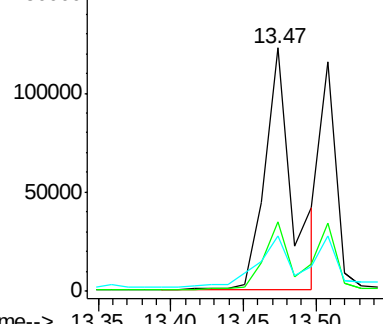
229 22.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 104.56 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

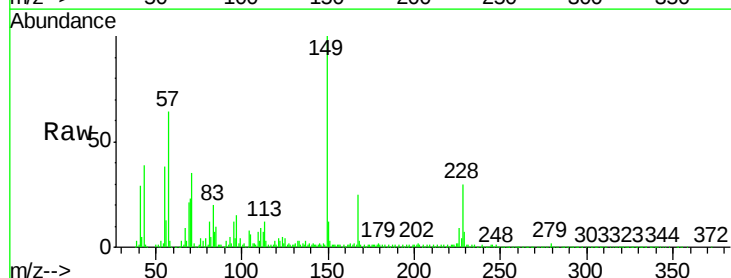
Tgt Ion:149 Resp: 365944

Ion Ratio Lower Upper

149 100

167 24.9 24.2 36.2

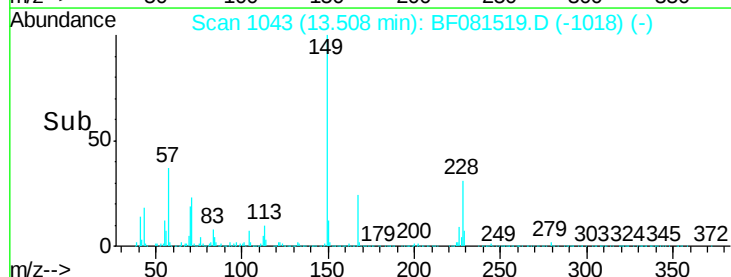
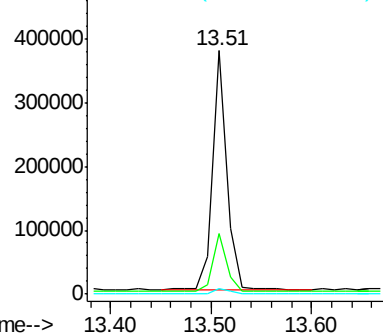
279 2.1 3.8 5.6#

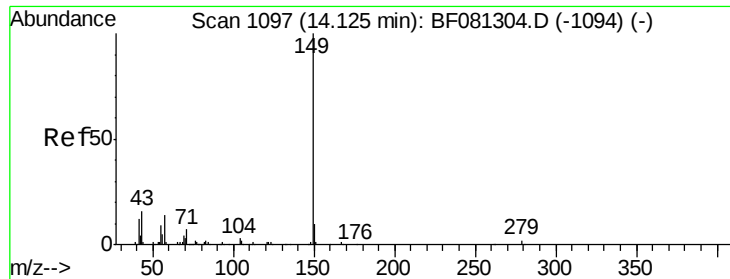


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 5.57 ng

RT: 14.11 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

Instrument :

BNA_F

ClientSampleId :

28TP22(4.5-5)RE

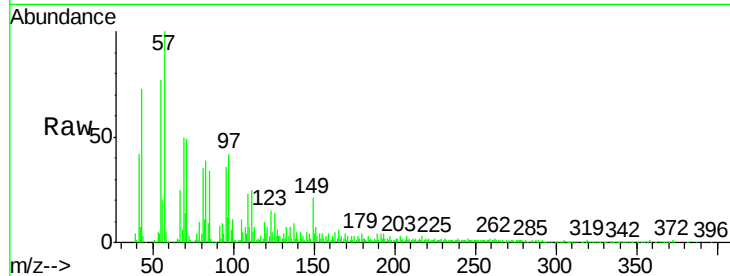
Tot Ion:149 Resp: 32114

Ion Ratio Lower Upper

149 100

167 4.0 1.0 1.6#

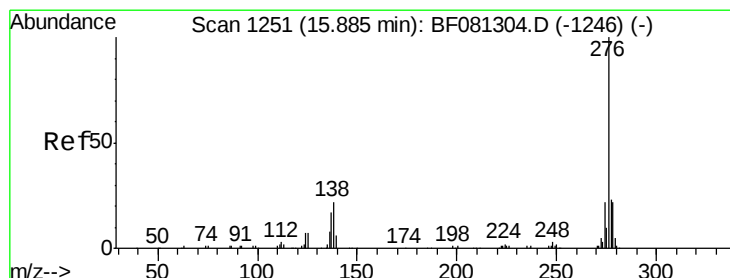
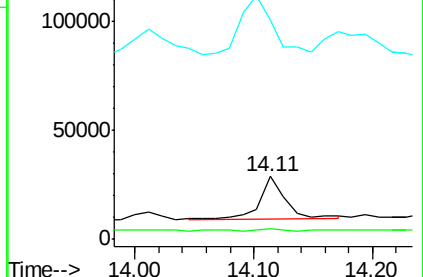
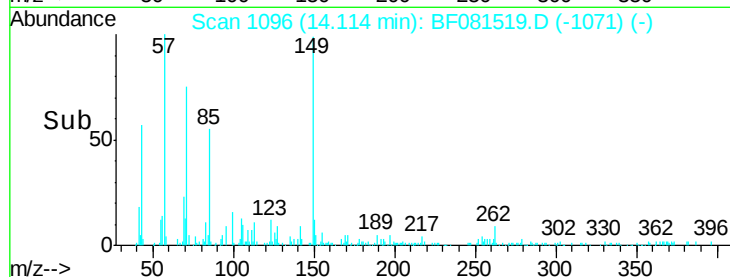
43 155.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.89 ng

RT: 15.89 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF081519.D

Acq: 6 Sep 2015 19:56

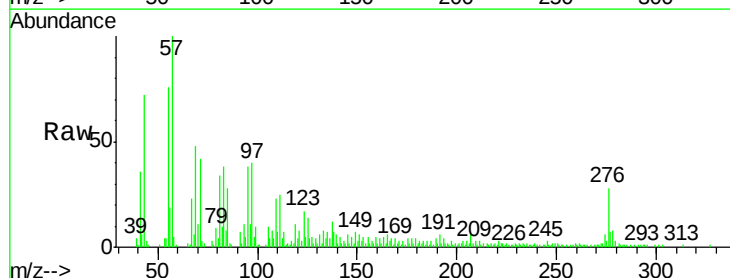
Tgt Ion:276 Resp: 20295

Ion Ratio Lower Upper

276 100

138 25.8 25.7 38.5

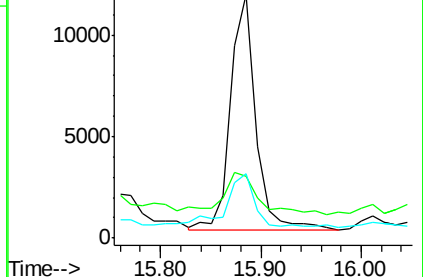
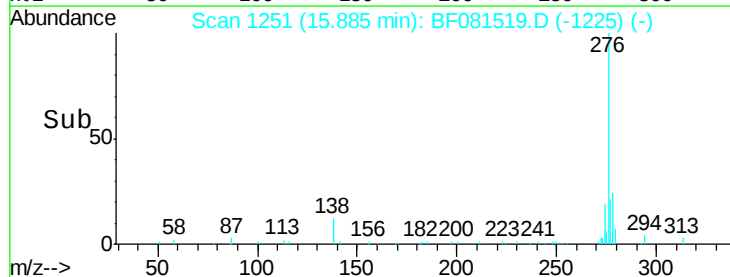
277 26.4 15.6 23.4#

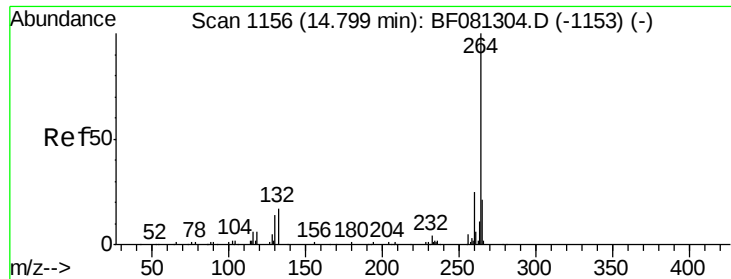


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

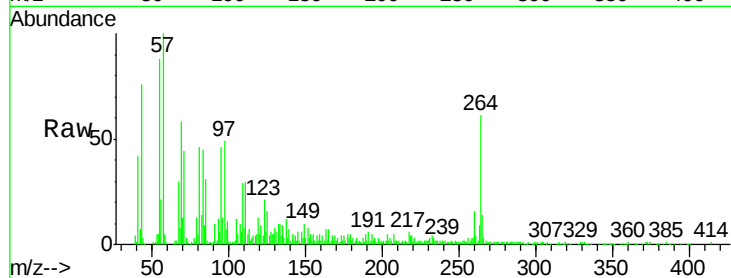




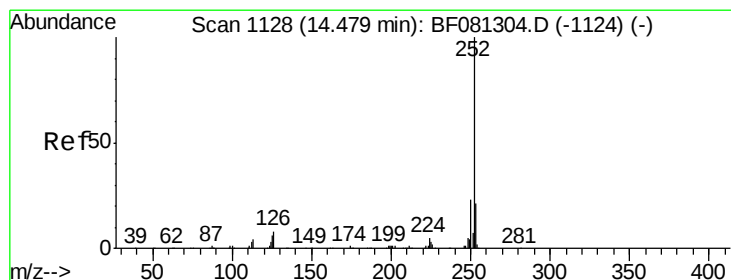
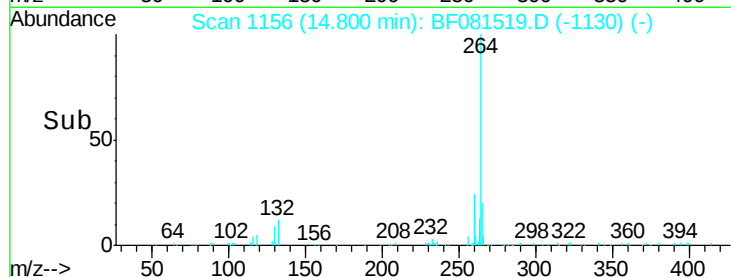
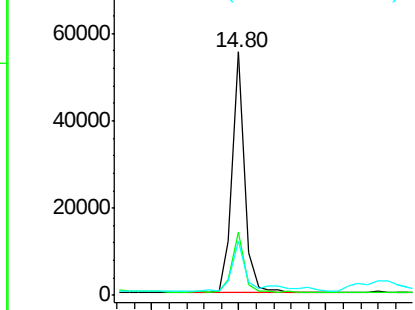
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	16.7	25.1#
265	22.1	17.2	25.8

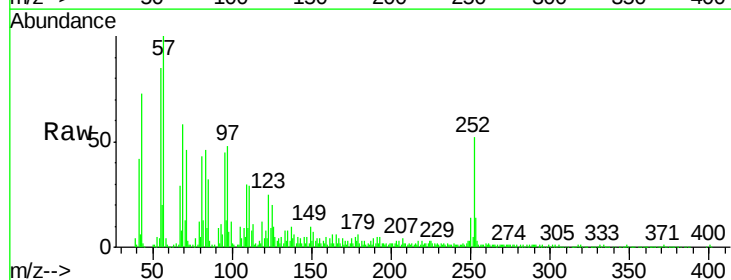


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

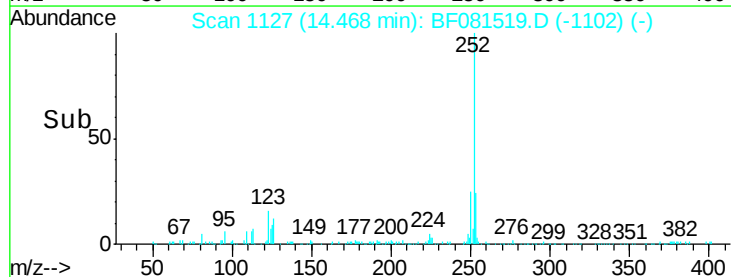
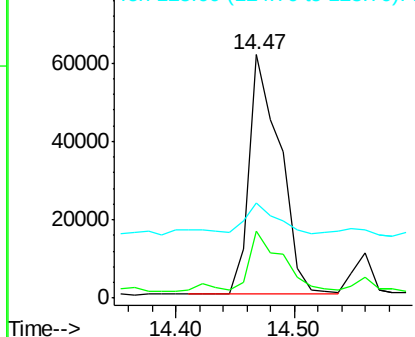


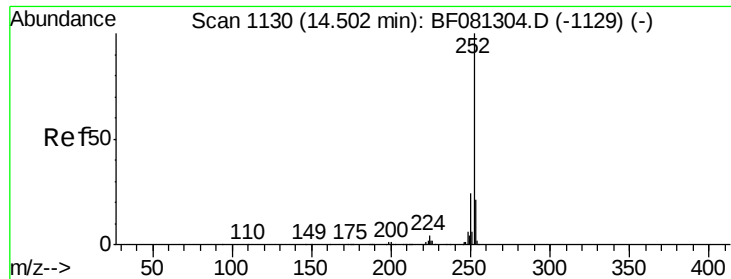
#87
Benzo(b)fluoranthene
Concen: 28.66 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.5	26.3#
125	39.3	17.1	25.7#



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

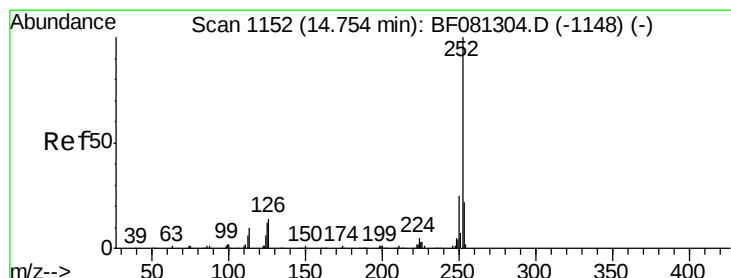
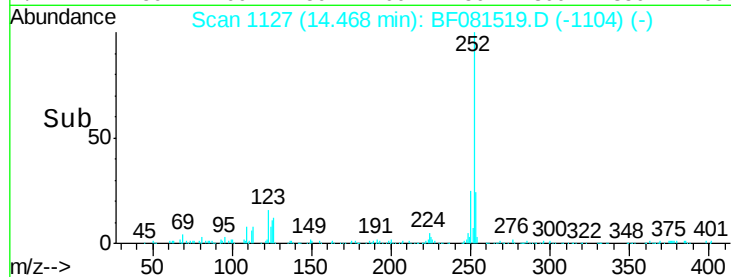
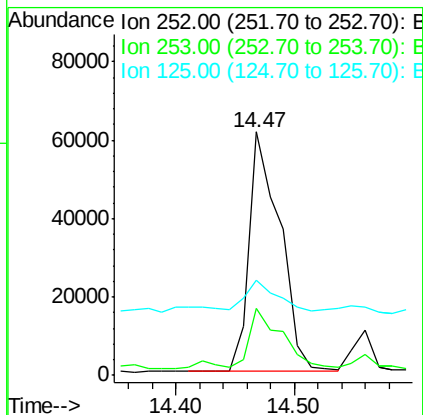
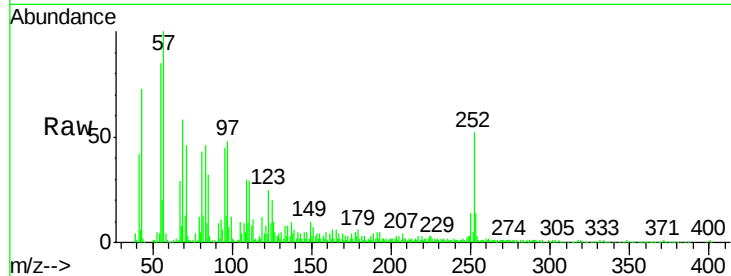




#88
Benzo(k)fluoranthene
Concen: 34.54 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

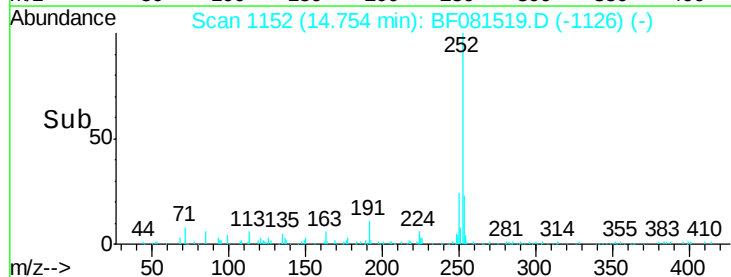
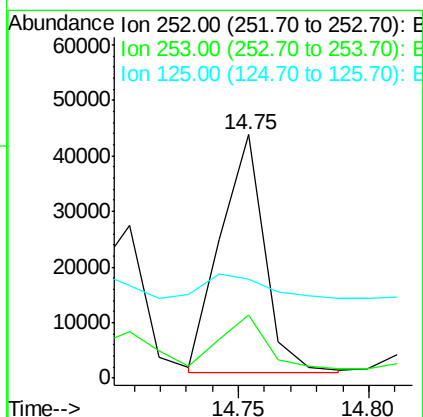
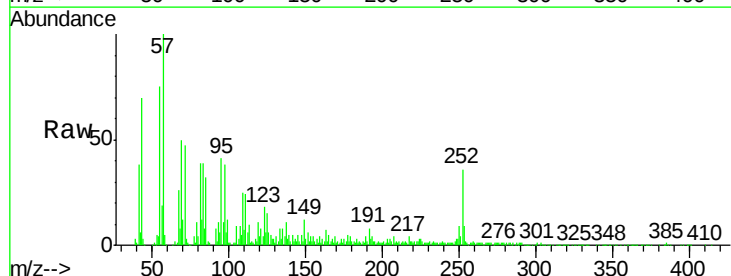
Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)RE

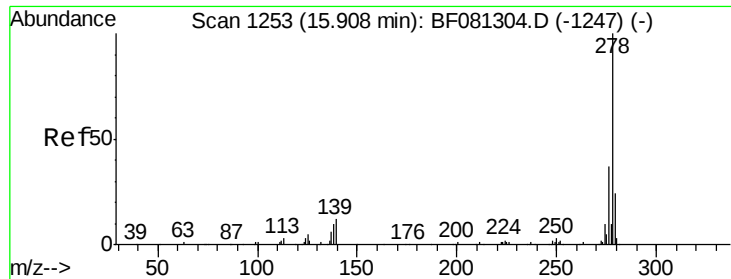
Tot Ion:252 Resp: 111989
Ion Ratio Lower Upper
252 100
253 27.4 17.0 25.4#
125 39.3 16.0 24.0#



#89
Benzo(a)pyrene
Concen: 15.36 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

Tgt Ion:252 Resp: 50855
Ion Ratio Lower Upper
252 100
253 25.9 17.2 25.8#
125 40.8 18.0 27.0#

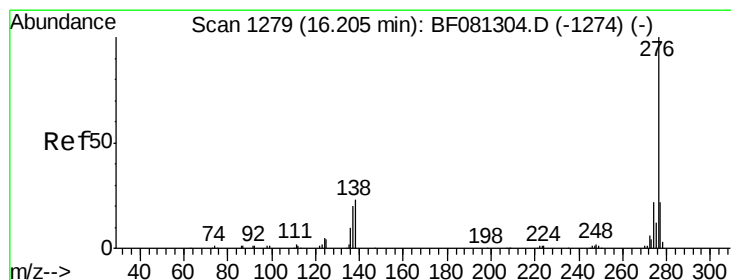
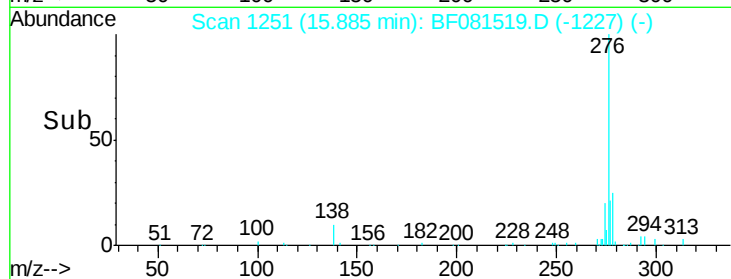
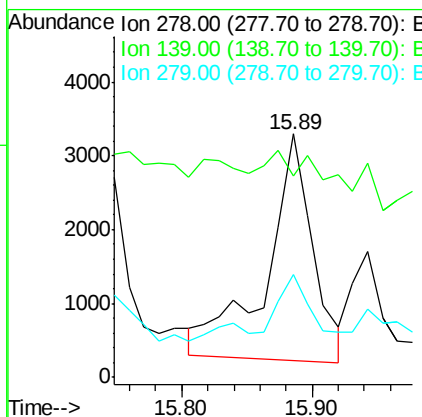
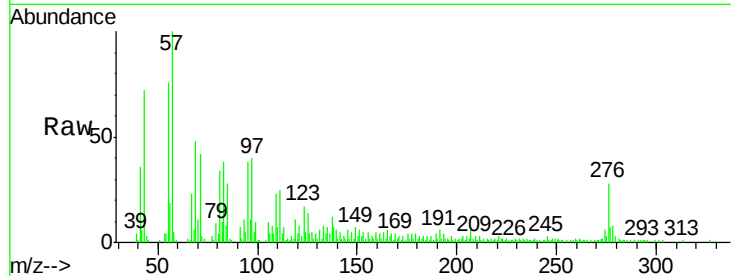




#90
Dibenzo(a,h)anthracene
Concen: 2.98 ng
RT: 15.89 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

Instrument :
BNA_F
ClientSampleId :
28TP22(4.5-5)RE

Tot Ion:278 Resp: 7633
Ion Ratio Lower Upper
278 100
139 82.9 26.3 39.5#
279 42.5 18.2 27.4#



#91
Benzo(g,h,i)perylene
Concen: 7.99 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF081519.D
Acq: 6 Sep 2015 19:56

Tgt Ion:276 Resp: 19515
Ion Ratio Lower Upper
276 100
277 27.2 17.8 26.6#
138 28.3 34.6 51.8#

