

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081915\
 Data File : BF081123.D
 Acq On : 20 Aug 2015 12:55
 Operator : UM/IZ
 Sample : G3289-07RE
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-4RE

Quant Time: Aug 20 13:32:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	63462	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	267456	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	109947	20.00	ng	0.00
63) Phenanthrene-d10	11.09	188	192944	20.00	ng	0.00
75) Chrysene-d12	13.72	240	127151	20.00	ng	0.01
86) Perylene-d12	15.05	264	95707	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	127154	30.14	ng	0.01
7) Phenol-d6	6.23	99	175805	31.93	ng	0.00
23) Nitrobenzene-d5	7.16	82	111507	19.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	59841	62.79	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	206734	24.64	ng	-0.01
78) Terphenyl-d14	12.68	244	336768	56.78	ng	0.00

Target Compounds

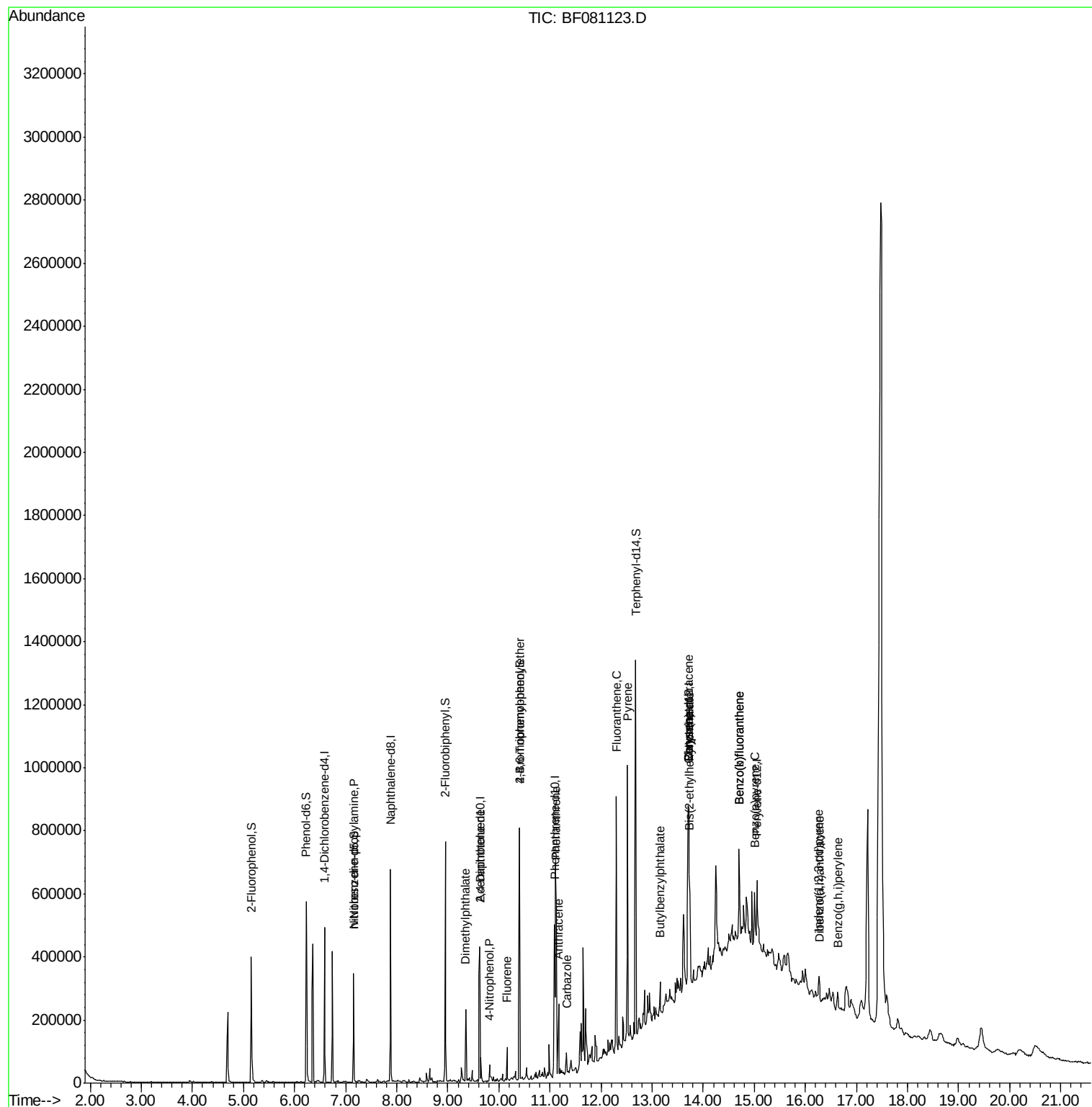
						Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	14355	3.76	ng	# 66
49) Dimethylphthalate	9.35	163	73417	8.11	ng	100
55) 4-Nitrophenol	9.82	139	7242	4.24	ng	# 1
56) 2,4-Dinitrotoluene	9.62	165	14244	5.53	ng	# 16
57) Fluorene	10.16	166	27192	3.17	ng	98
66) 4-Bromophenyl-phenylether	10.40	248	5127	2.70	ng	# 1
70) Phenanthrene	11.12	178	346888	30.34	ng	99
71) Anthracene	11.17	178	99216	8.92	ng	98
72) Carbazole	11.33	167	32527	3.04	ng	99
74) Fluoranthene	12.30	202	426633	34.58	ng	96
77) Pyrene	12.52	202	342633	33.15	ng	98
79) Butylbenzylphthalate	13.16	149	23708	5.34	ng	# 81
80) Benzo(a)anthracene	13.71	228	159374	18.69	ng	99
82) Chrysene	13.71	228	159374	20.74	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	79789	14.02	ng	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	43589	8.08	ng	# 89
87) Benzo(b)fluoranthene	14.70	252	178890	26.42	ng	# 95
88) Benzo(k)fluoranthene	14.70	252	178890	28.36	ng	98
89) Benzo(a)pyrene	15.01	252	86629	14.69	ng	# 93
90) Dibenzo(a,h)anthracene	16.28	278	17071	3.71	ng	# 65
91) Benzo(g,h,i)perylene	16.63	276	41039	8.80	ng	# 87

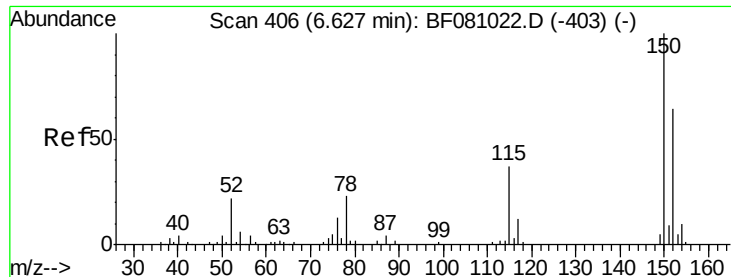
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-4RE

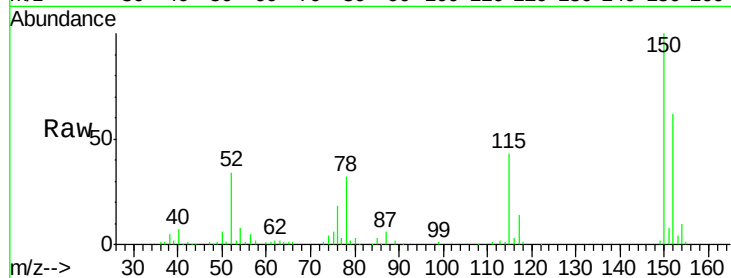
Tgt Ion:152 Resp: 63462

Ion Ratio Lower Upper

152 100

150 161.9 123.8 185.6

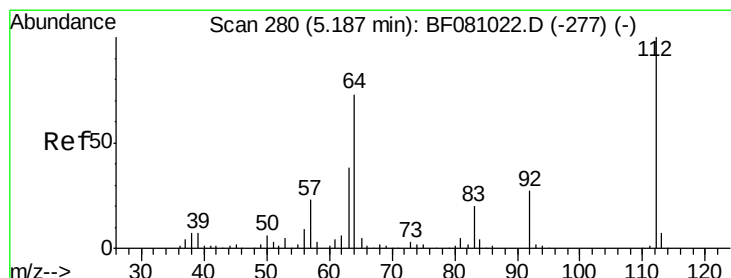
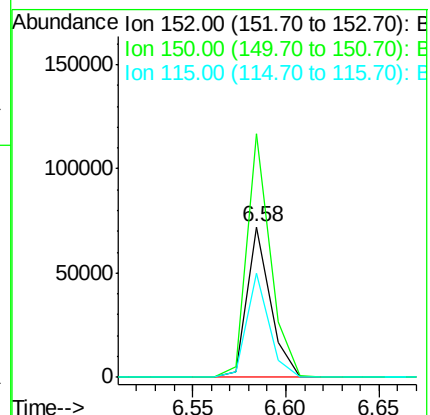
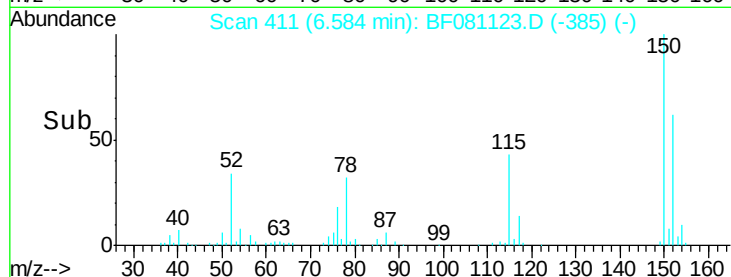
115 69.6 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 30.14 ng

RT: 5.16 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

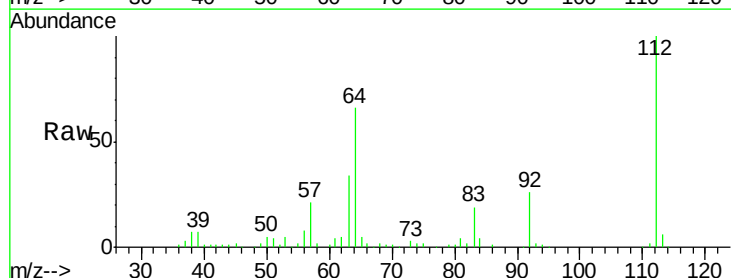
Tgt Ion:112 Resp: 127154

Ion Ratio Lower Upper

112 100

64 66.1 66.9 100.3#

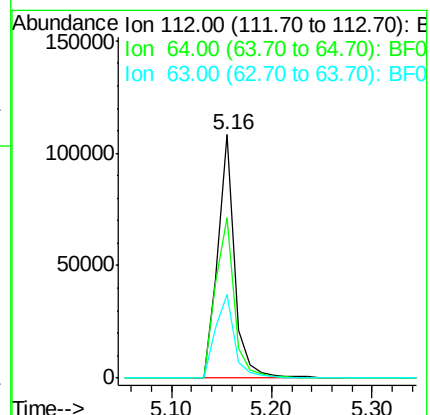
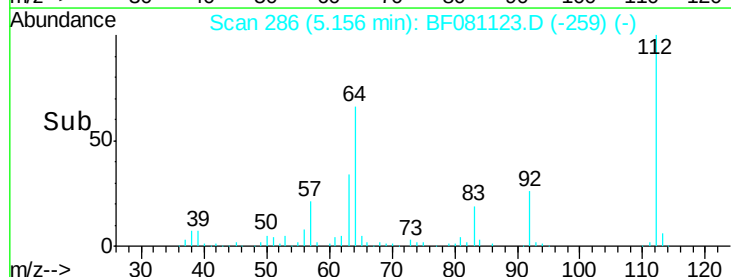
63 34.1 38.1 57.1#

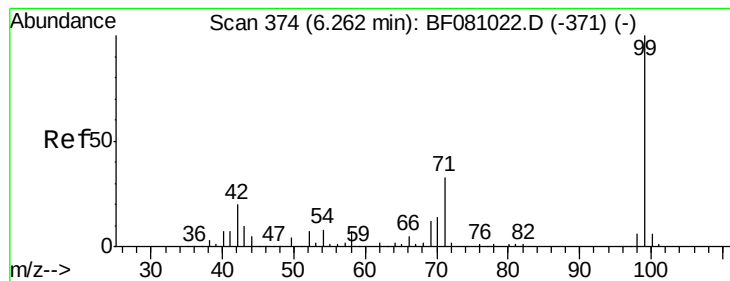


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.93 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-4RE

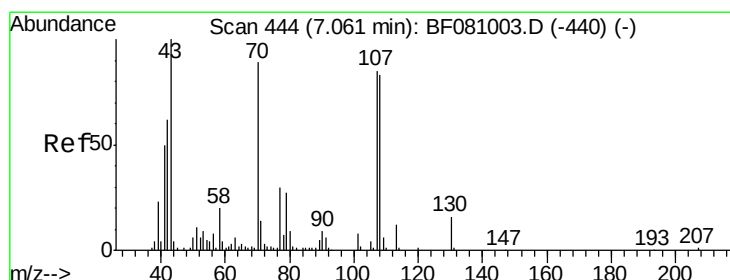
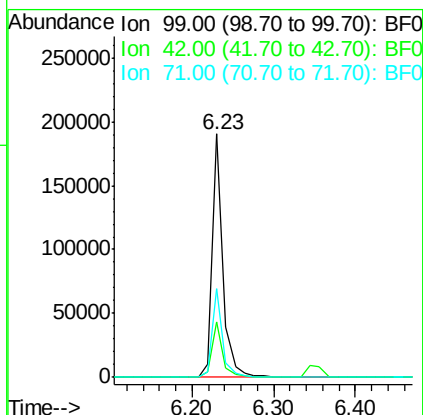
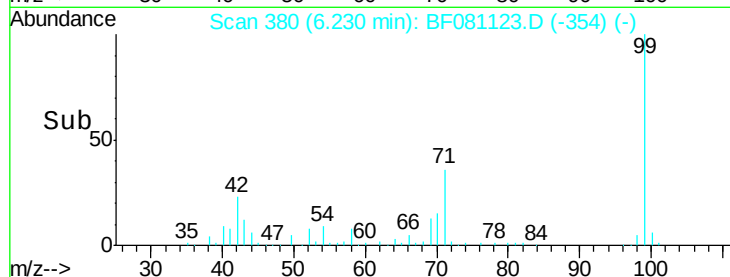
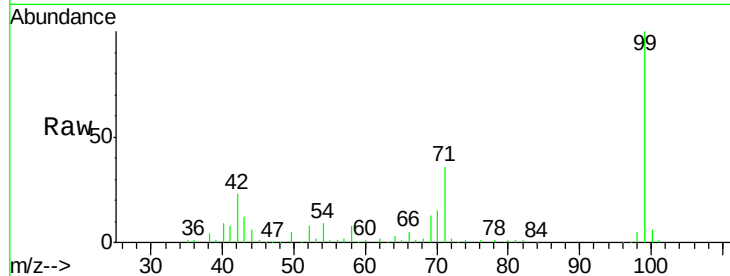
Tgt Ion: 99 Resp: 175805

Ion Ratio Lower Upper

99 100

42 22.7 19.6 29.4

71 36.4 31.2 46.8



#19

n-Nitroso-di-n-propylamine

Concen: 3.76 ng

RT: 7.16 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

Tgt Ion: 70 Resp: 14355

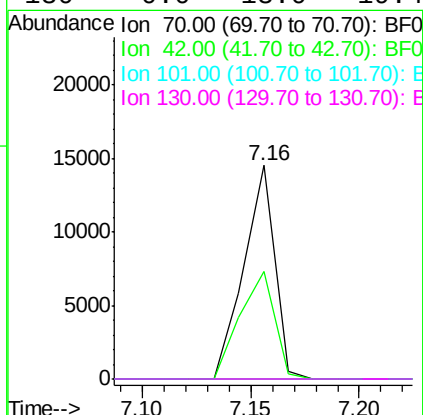
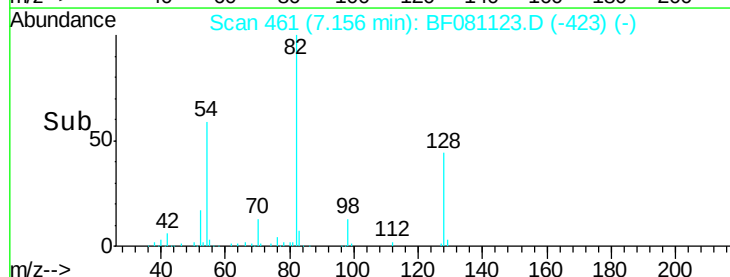
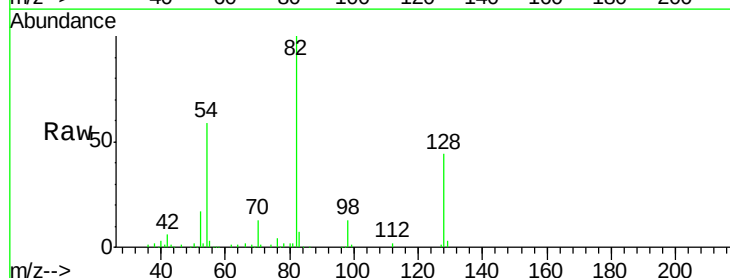
Ion Ratio Lower Upper

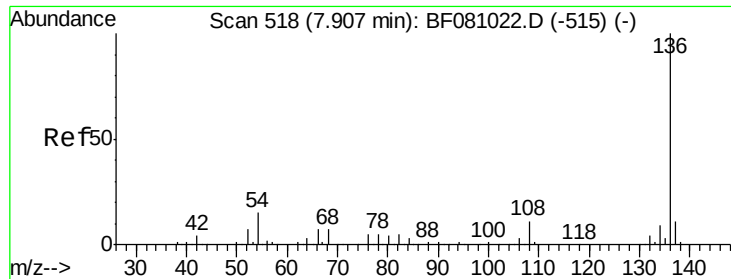
70 100

42 50.4 65.0 97.4#

101 0.0 7.4 11.2#

130 0.0 13.0 19.4#

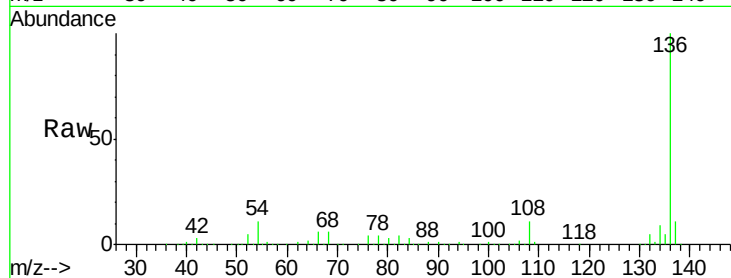




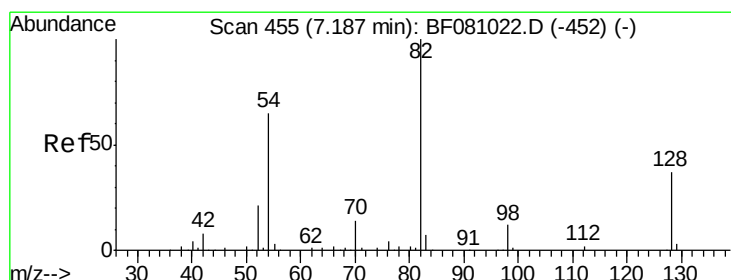
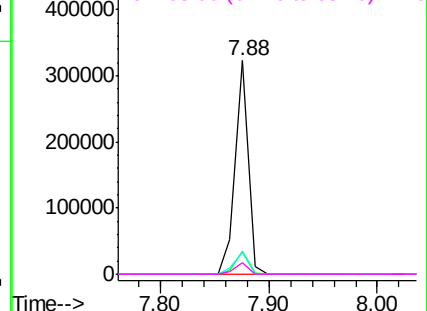
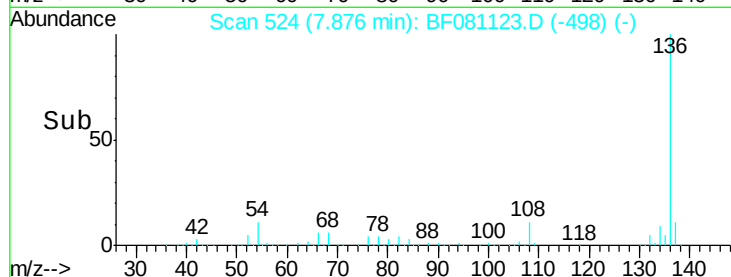
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF081123.D
Acq: 20 Aug 2015 12:55

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4RE

Tgt Ion:	136	Resp:	267456
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	10.5	7.7	11.5
68	5.5	3.4	5.2#

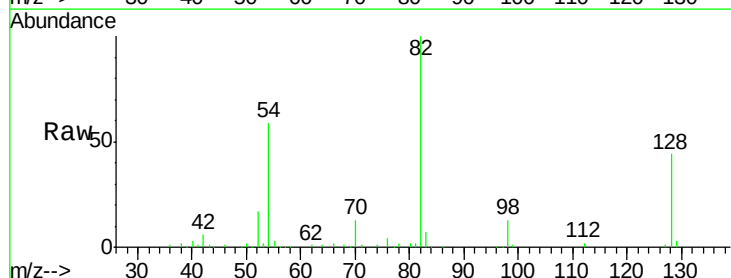


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

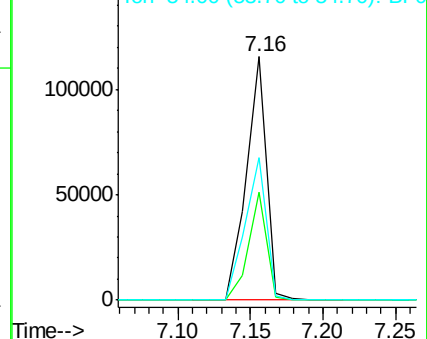
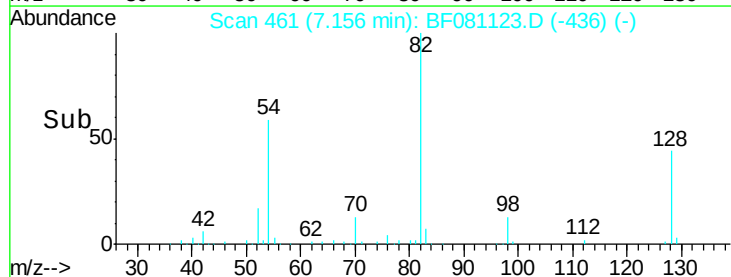


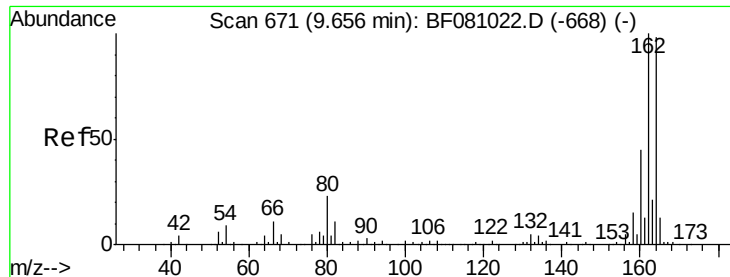
#23
Nitrobenzene-d5
Concen: 19.05 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF081123.D
Acq: 20 Aug 2015 12:55

Tgt Ion:	82	Resp:	111507
Ion	Ratio	Lower	Upper
82	100		
128	44.2	28.6	42.8#
54	58.7	55.1	82.7



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

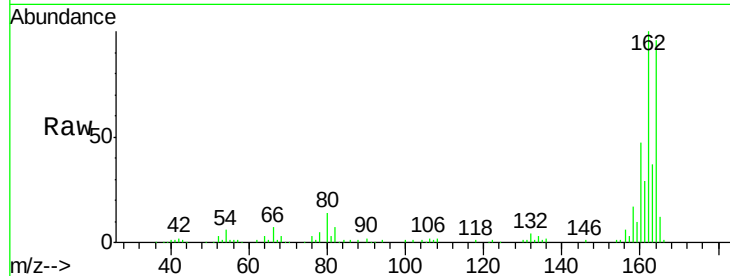




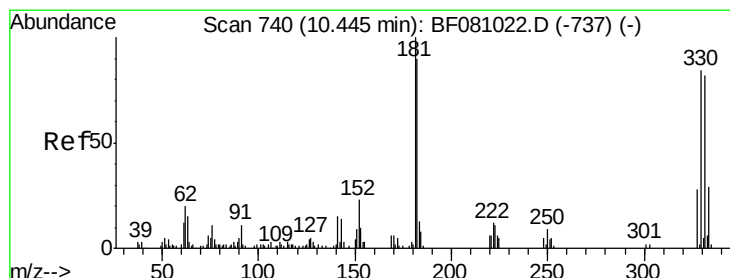
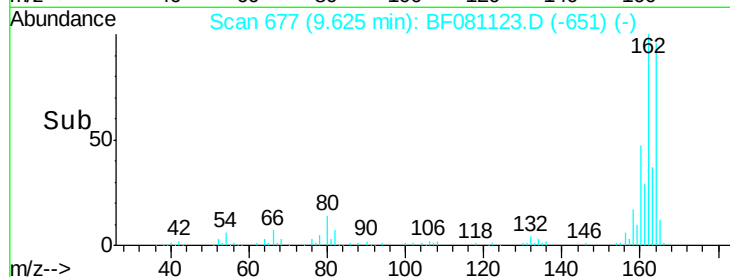
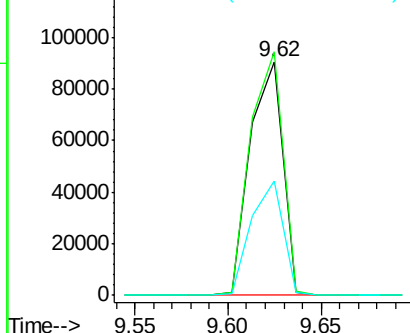
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF081123.D
 Acq: 20 Aug 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-4RE

Tgt Ion:164 Resp: 109947
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.8 125.8
 160 48.7 39.8 59.8

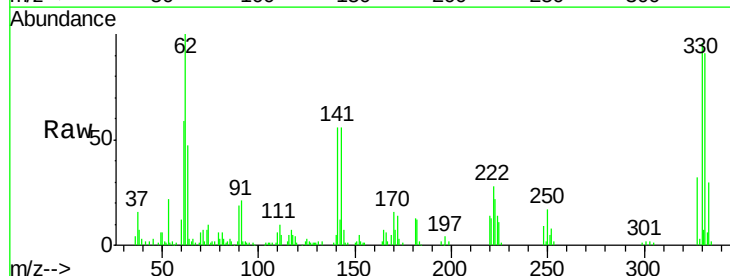


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

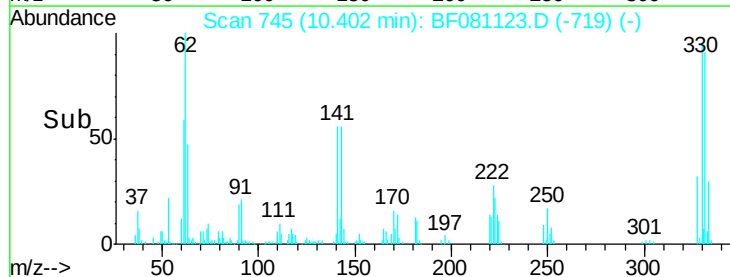
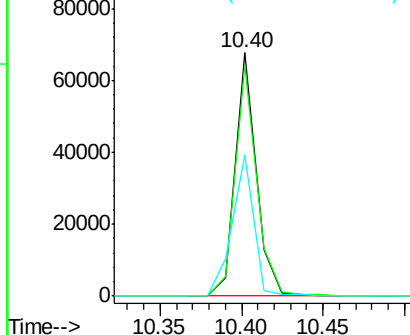


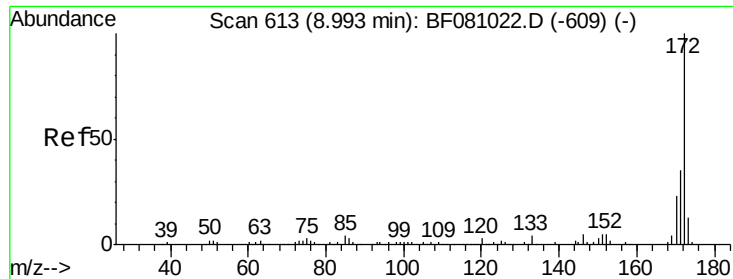
#41
 2,4,6-Tribromophenol
 Concen: 62.79 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF081123.D
 Acq: 20 Aug 2015 12:55

Tgt Ion:330 Resp: 59841
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 59.7 44.9 67.3



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

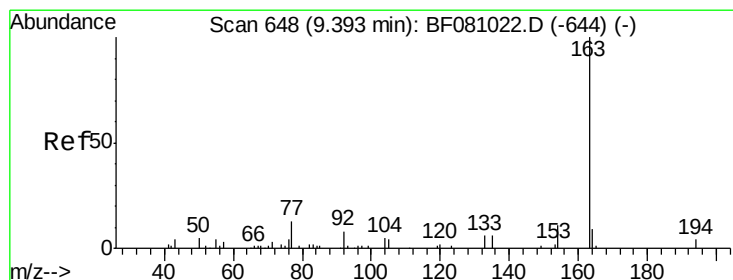
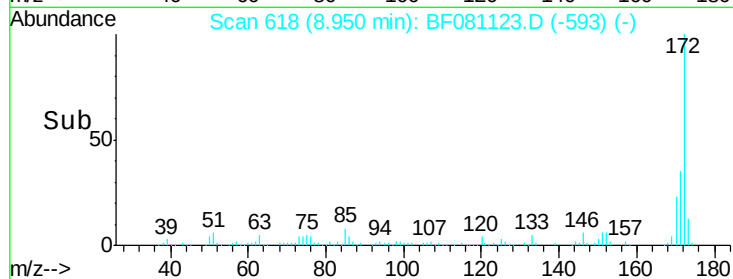
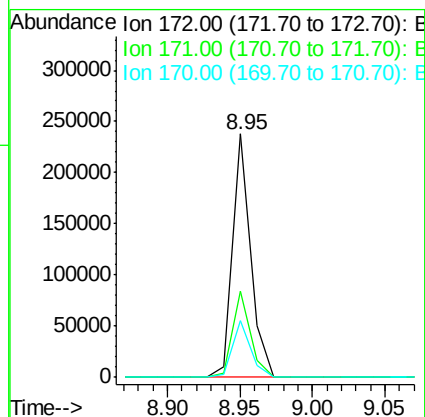
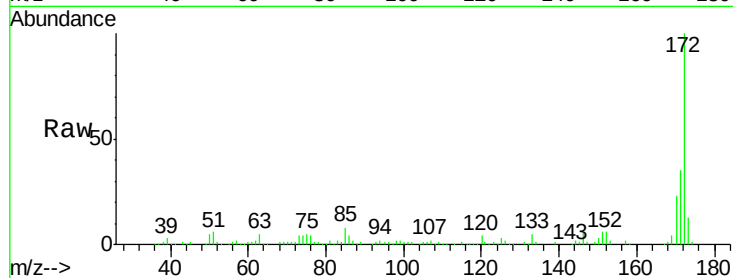




#44
2-Fluorobiphenyl
Concen: 24.64 ng
RT: 8.95 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF081123.D
Acq: 20 Aug 2015 12:55

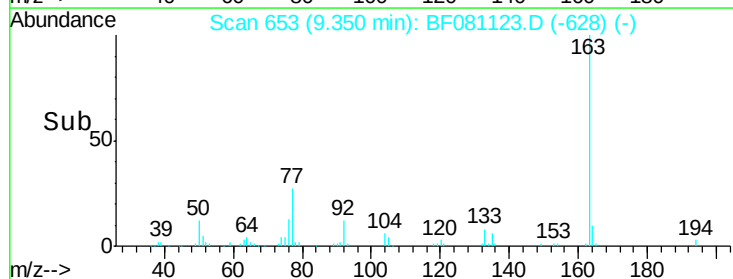
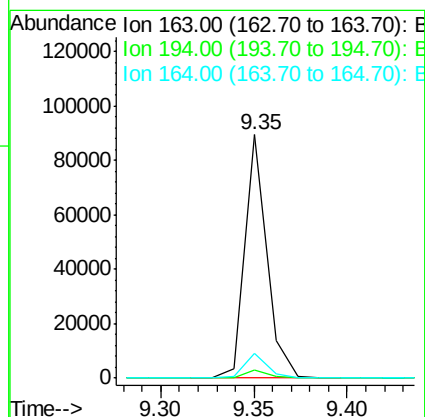
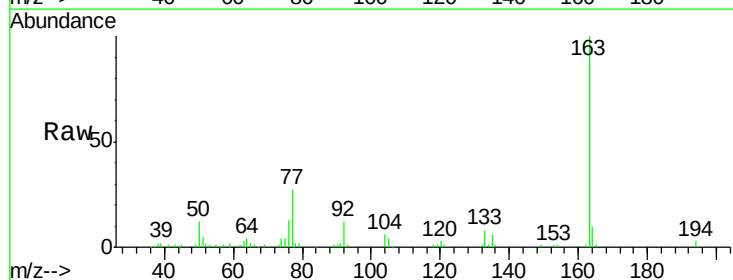
Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4RE

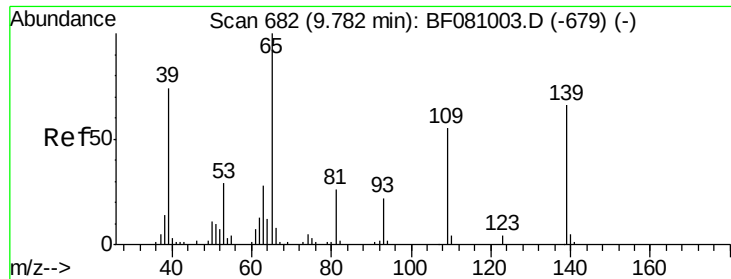
Tgt Ion:172 Resp: 206734
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 23.2 19.4 29.2



#49
Dimethylphthalate
Concen: 8.11 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081123.D
Acq: 20 Aug 2015 12:55

Tgt Ion:163 Resp: 73417
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 10.0 8.1 12.1





#55

4-Nitrophenol

Concen: 4.24 ng

RT: 9.82 min Scan# 694

Delta R.T. 0.07 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-4RE

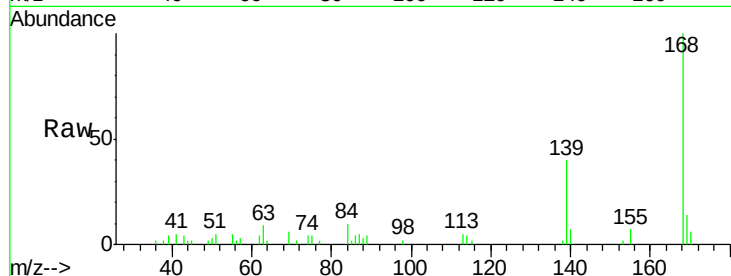
Tgt Ion:139 Resp: 7242

Ion Ratio Lower Upper

139 100

109 0.0 80.0 120.0#

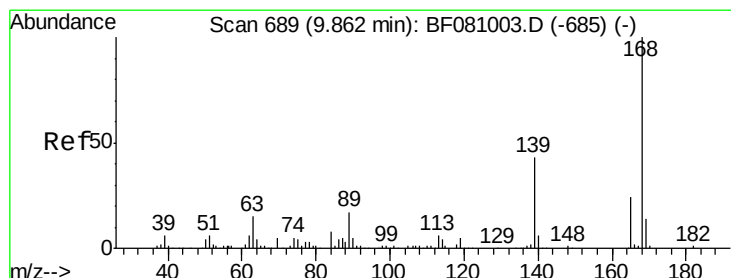
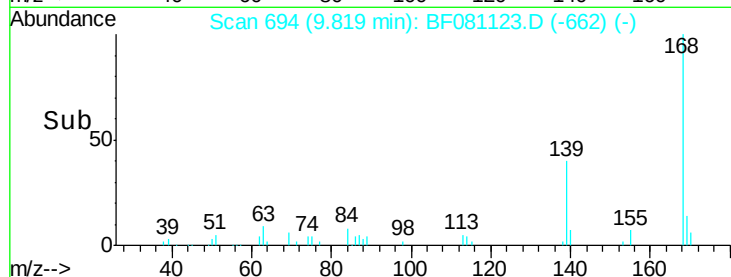
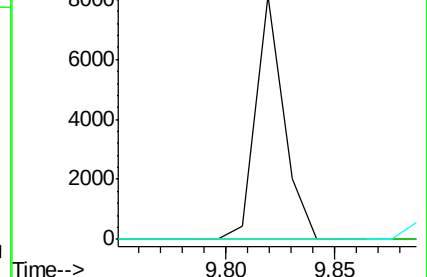
65 0.0 138.3 178.3#



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



#56

2,4-Dinitrotoluene

Concen: 5.53 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.19 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

Tgt Ion:165 Resp: 14244

Ion Ratio Lower Upper

165 100

63 0.0 52.2 78.4#

89 0.0 60.1 90.1#

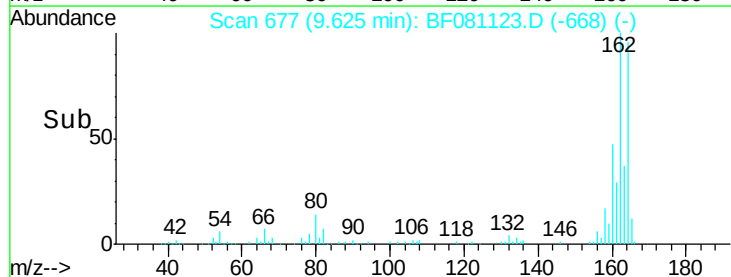
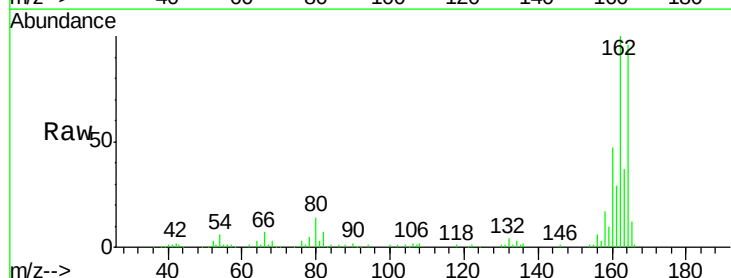
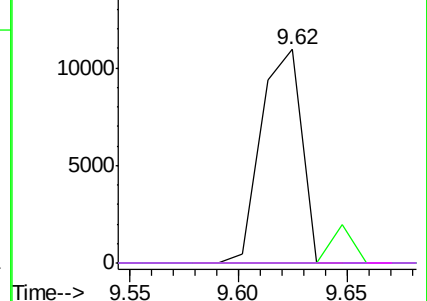
182 0.0 1.8 2.6#

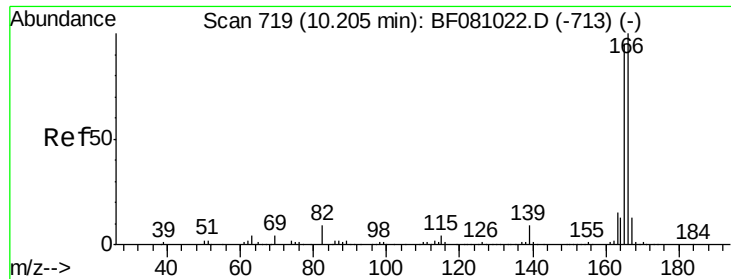
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

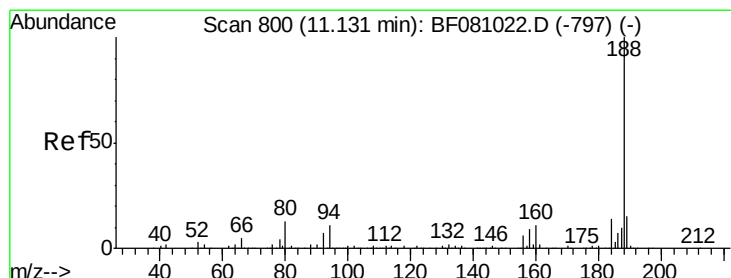
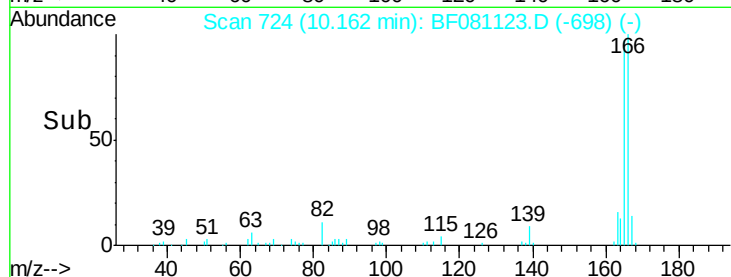
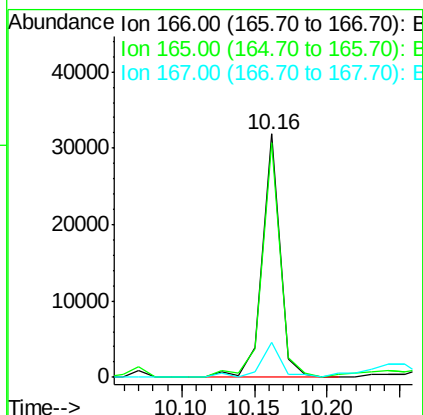
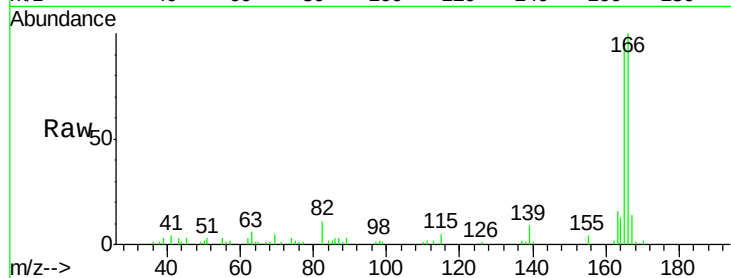




#57
 Fluorene
 Concen: 3.17 ng
 RT: 10.16 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BF081123.D
 Acq: 20 Aug 2015 12:55

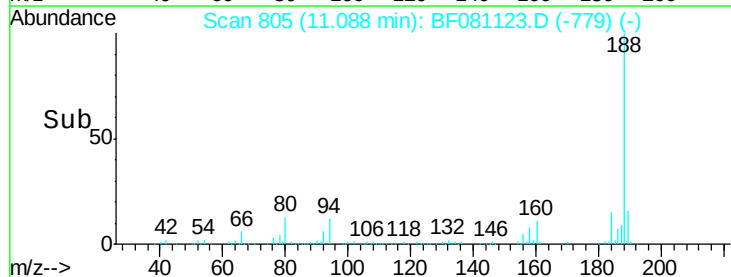
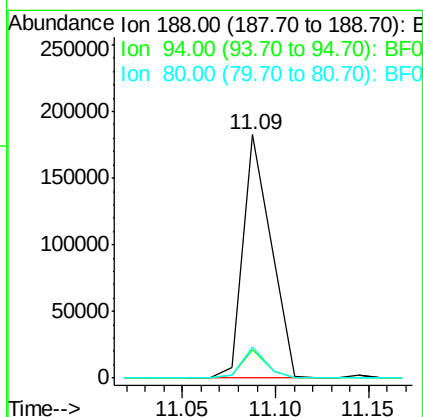
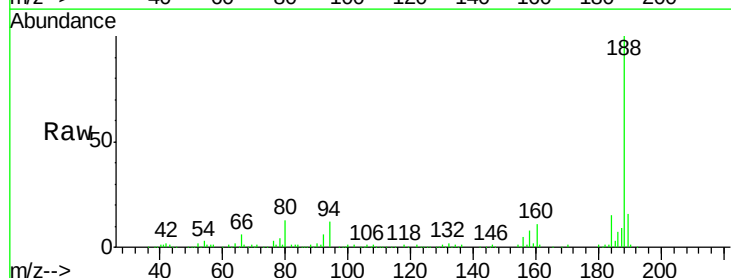
Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-4RE

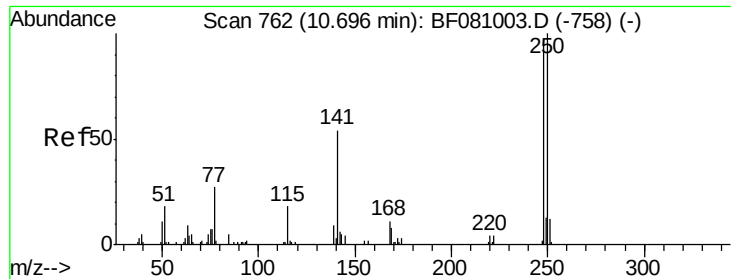
Tgt Ion:166 Resp: 27192
 Ion Ratio Lower Upper
 166 100
 165 96.6 75.8 113.8
 167 14.2 11.3 16.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF081123.D
 Acq: 20 Aug 2015 12:55

Tgt Ion:188 Resp: 192944
 Ion Ratio Lower Upper
 188 100
 94 11.9 8.2 12.2
 80 12.6 9.5 14.3

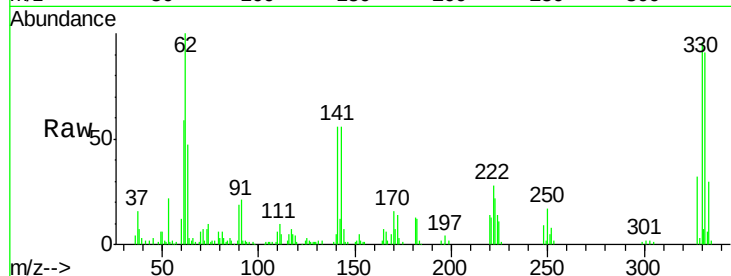




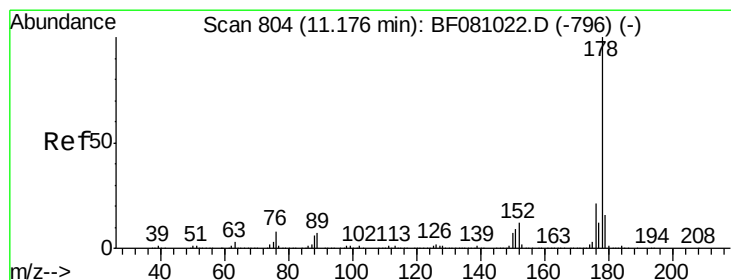
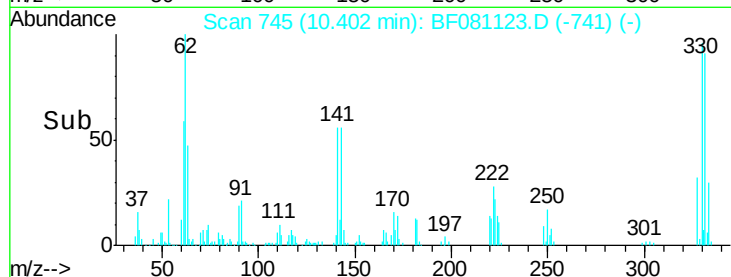
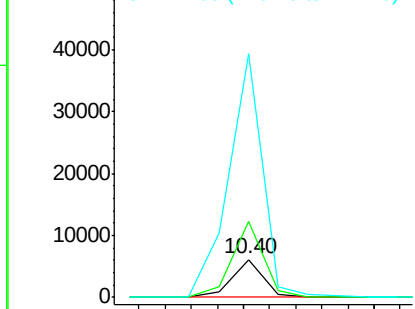
#66
 4-Bromophenyl-phenylether
 Concen: 2.70 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.25 min
 Lab File: BF081123.D
 Acq: 20 Aug 2015 12:55

Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-4RE

Tgt Ion:248 Resp: 5127
 Ion Ratio Lower Upper
 248 100
 250 201.3 77.8 116.6#
 141 647.3 39.8 59.6#

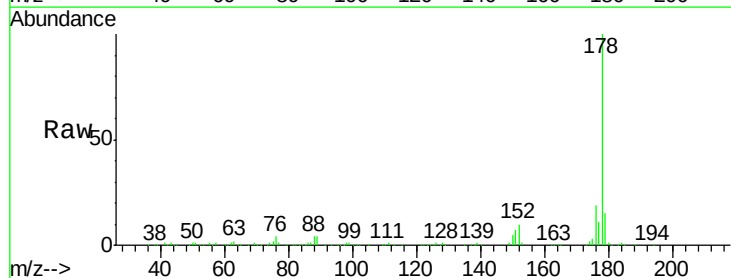


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

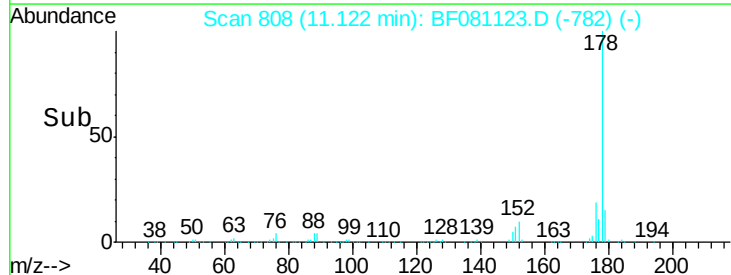
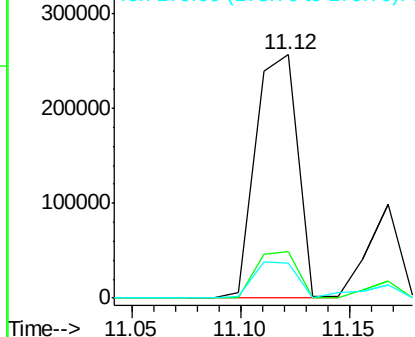


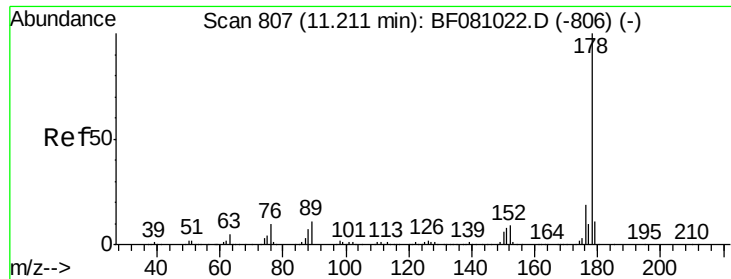
#70
 Phenanthrene
 Concen: 30.34 ng
 RT: 11.12 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF081123.D
 Acq: 20 Aug 2015 12:55

Tgt Ion:178 Resp: 346888
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.7 23.5
 179 14.6 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: 8.92 ng

RT: 11.17 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-4RE

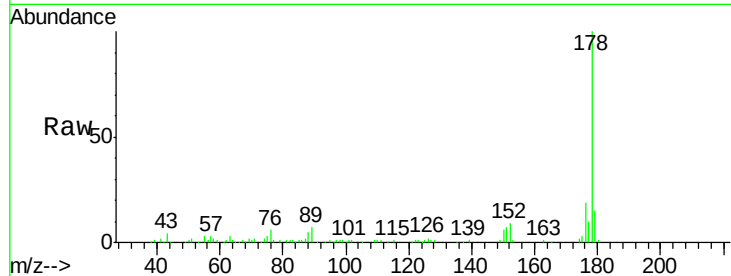
Tgt Ion:178 Resp: 99216

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

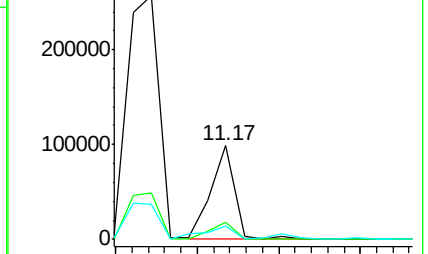
179 14.6 12.7 19.1



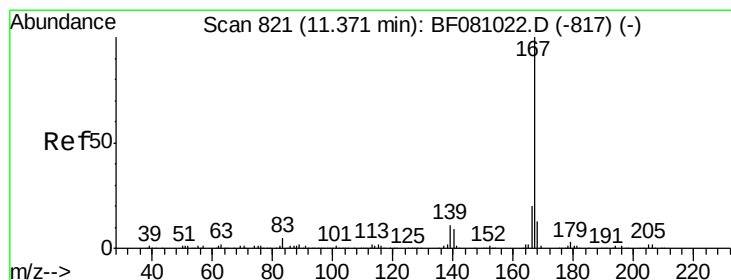
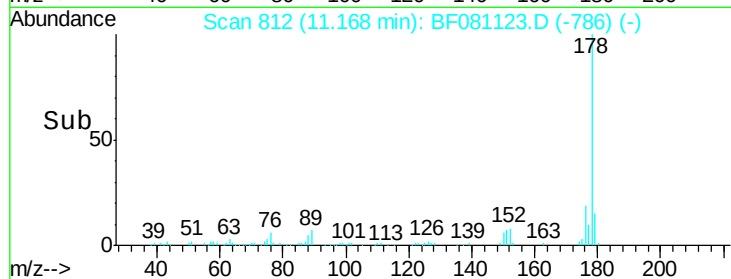
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.10 11.15 11.20 11.25



#72

Carbazole

Concen: 3.04 ng

RT: 11.33 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

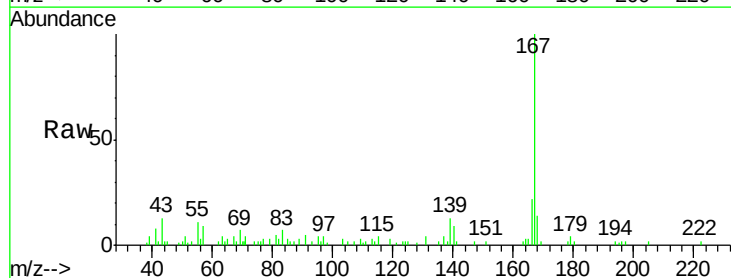
Tgt Ion:167 Resp: 32527

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

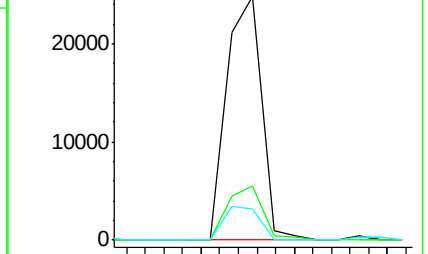
139 12.8 10.6 16.0



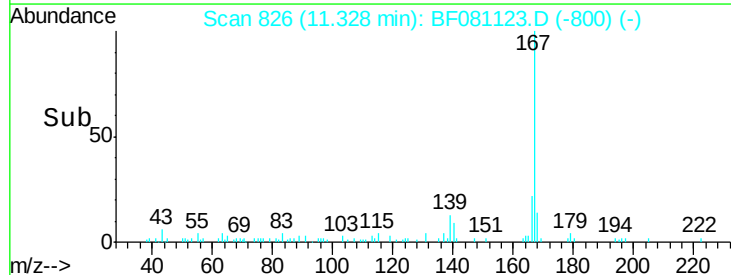
Abundance Ion 167.00 (166.70 to 167.70): E

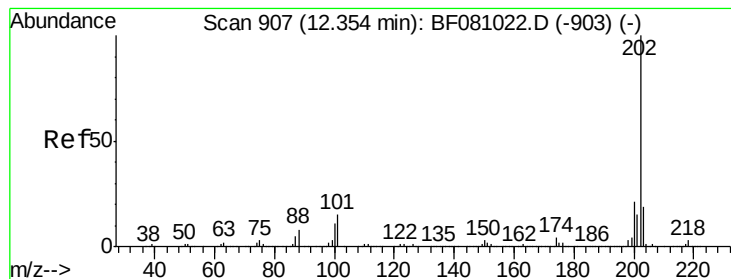
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 11.30 11.35





#74

Fluoranthene

Concen: 34.58 ng

RT: 12.30 min Scan# 911

Delta R.T. 0.01 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

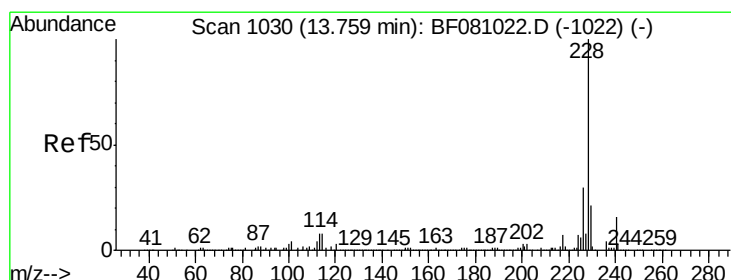
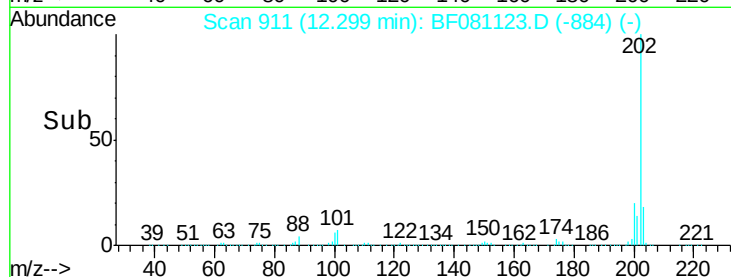
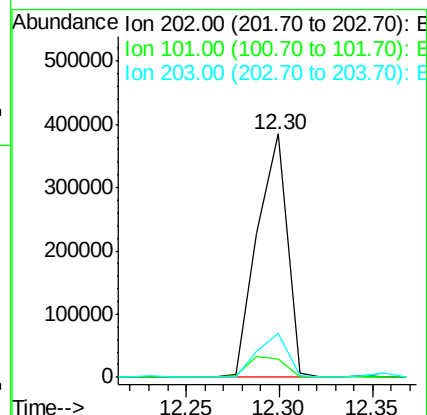
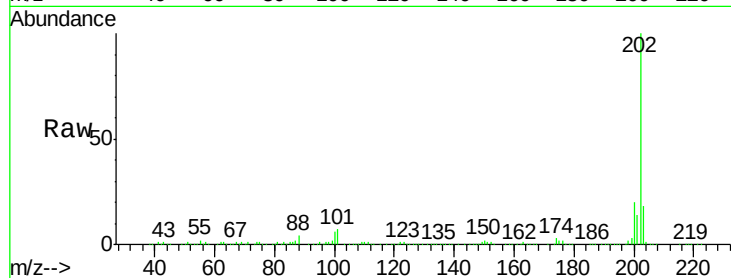
Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-4RE

Tgt Ion:	202	Resp:	426633
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	24.8
203	18.0	0.0	36.9



#75

Chrysene-d12

Concen: 20.00 ng

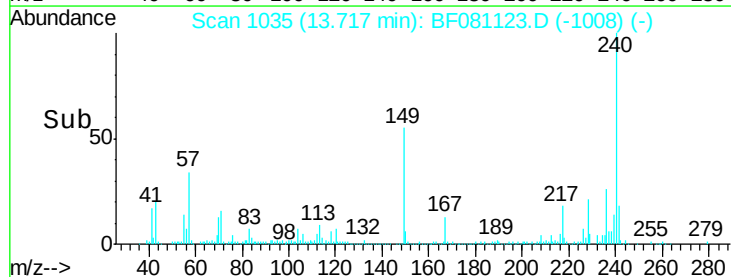
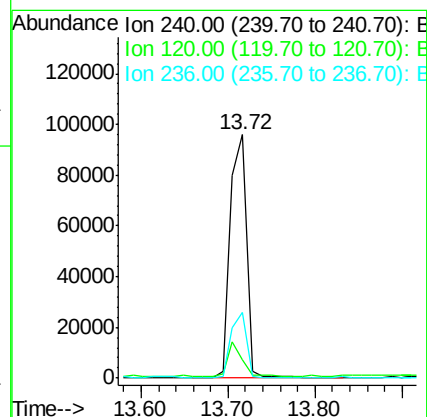
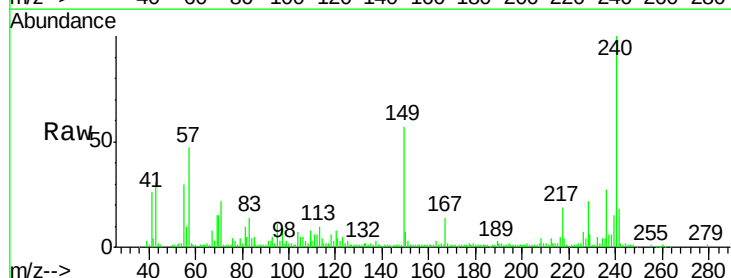
RT: 13.72 min Scan# 1035

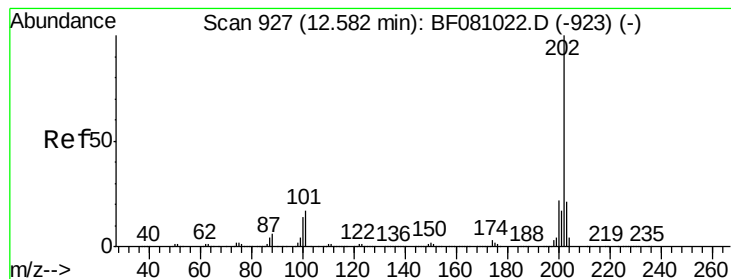
Delta R.T. 0.01 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

Tgt Ion:	240	Resp:	127151
Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.6	8.4
236	26.9	20.6	30.8





#77

Pyrene

Concen: 33.15 ng

RT: 12.52 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-4RE

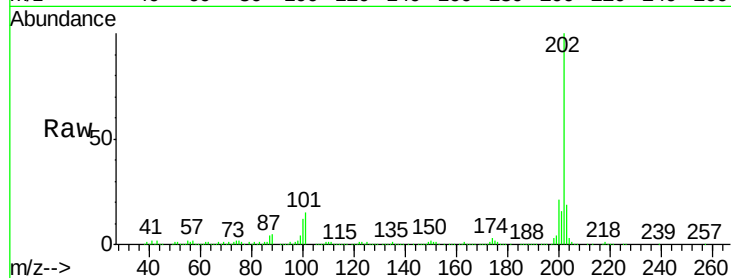
Tgt Ion:202 Resp: 342633

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

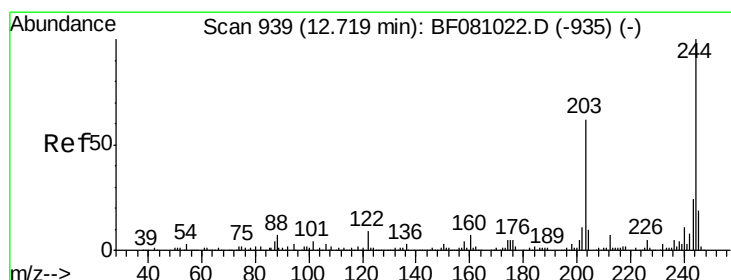
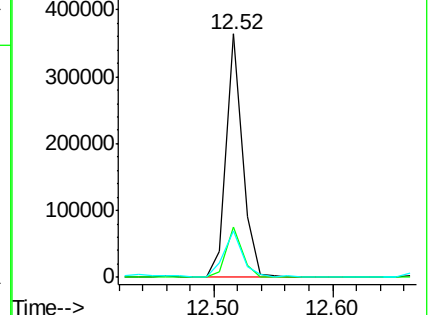
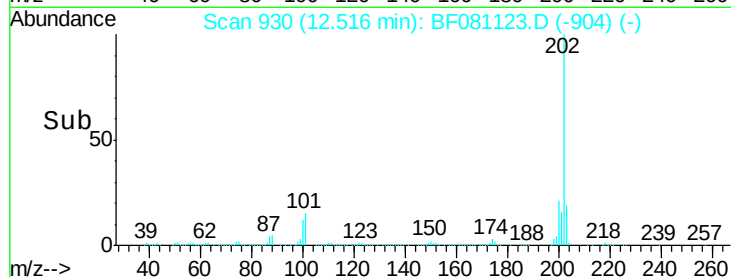
203 19.1 14.1 21.1



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: 56.78 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

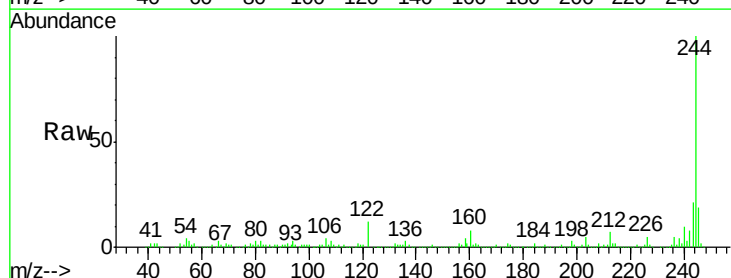
Tgt Ion:244 Resp: 336768

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

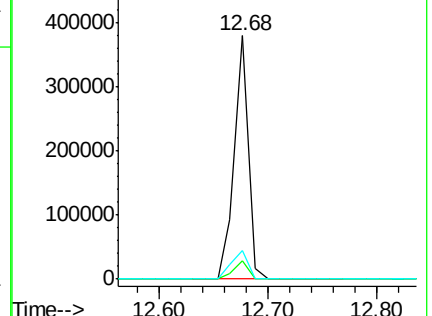
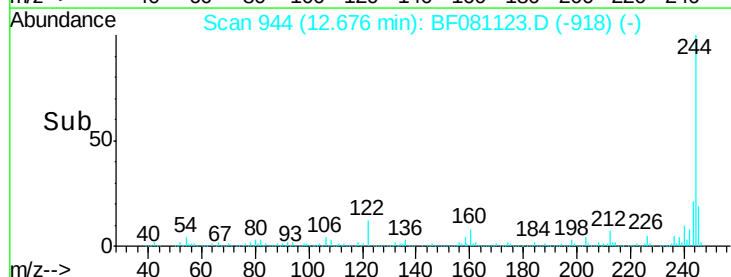
122 11.9 8.2 12.4

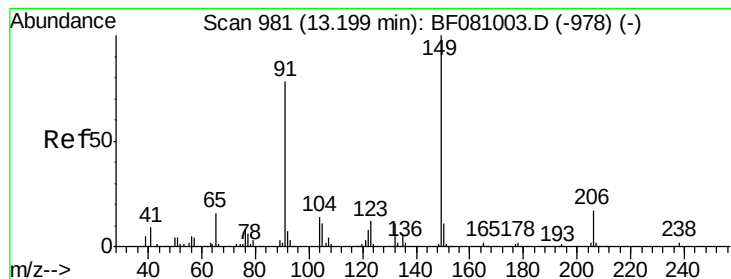


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 5.34 ng

RT: 13.16 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-4RE

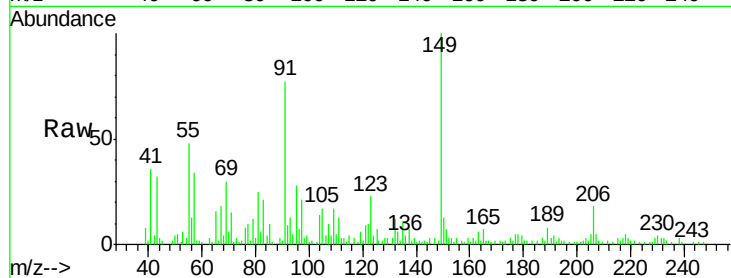
Tgt Ion:149 Resp: 23708

Ion Ratio Lower Upper

149 100

91 76.6 46.9 70.3#

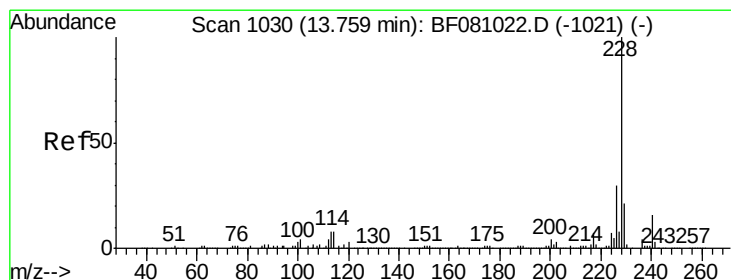
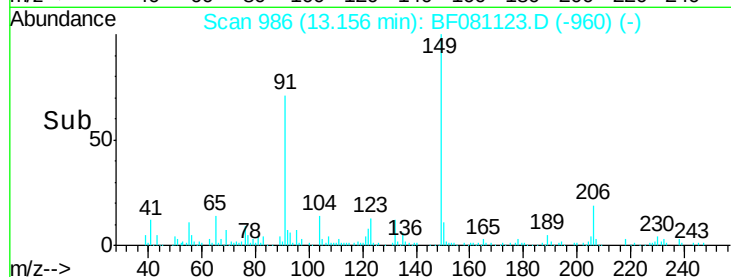
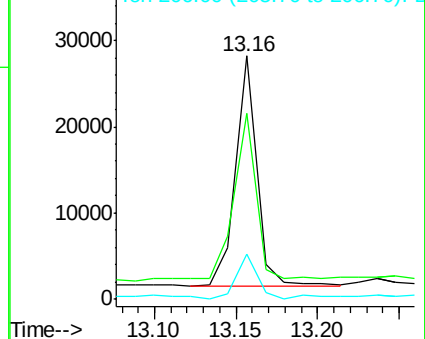
206 18.3 17.0 25.4



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: 18.69 ng

RT: 13.71 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

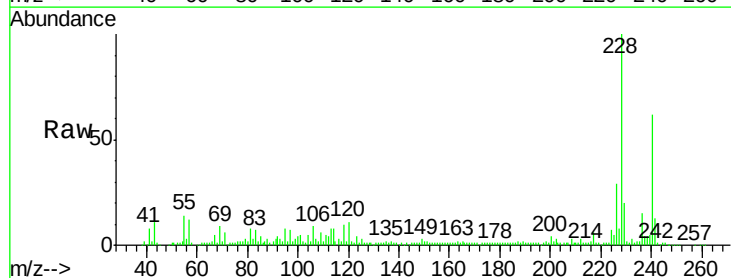
Tgt Ion:228 Resp: 159374

Ion Ratio Lower Upper

228 100

226 28.6 22.3 33.5

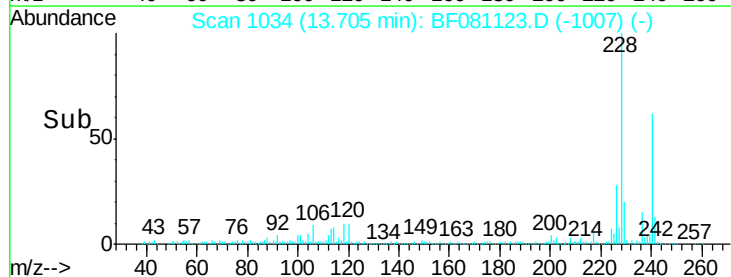
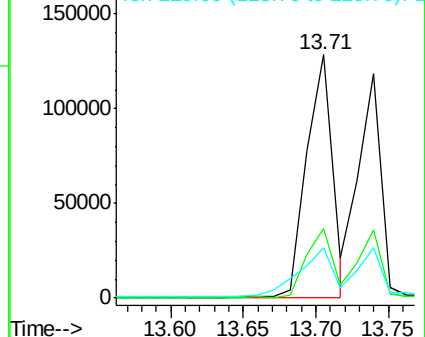
229 20.4 15.9 23.9

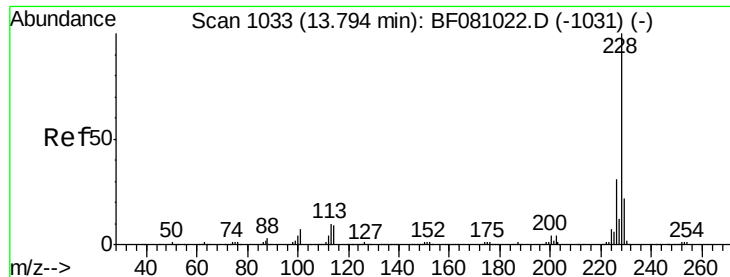


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 20.74 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.03 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-4RE

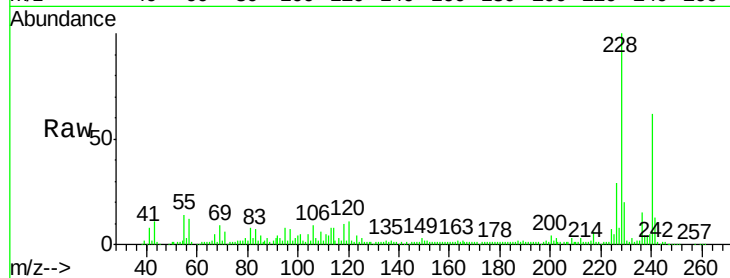
Tgt Ion:228 Resp: 159374

Ion Ratio Lower Upper

228 100

226 28.6 24.4 36.6

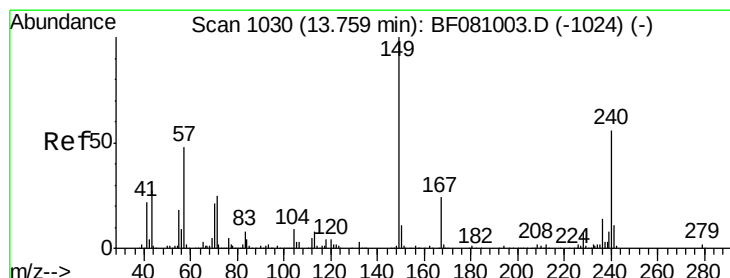
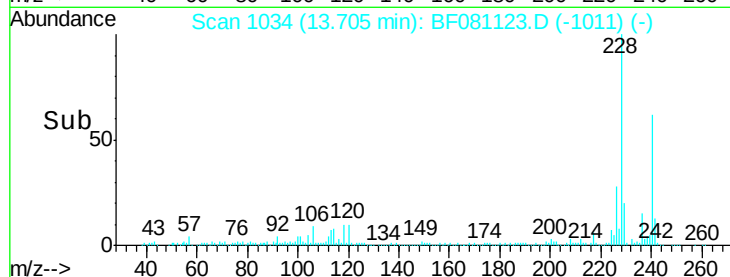
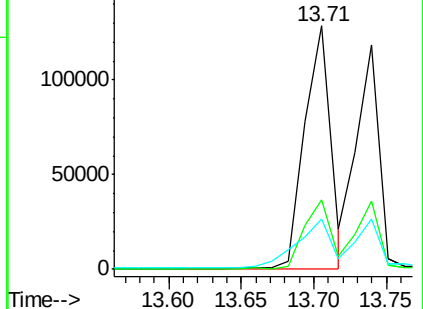
229 20.4 16.0 24.0



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: 14.02 ng

RT: 13.73 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

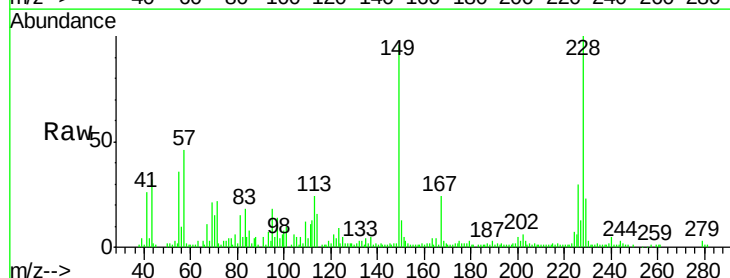
Tgt Ion:149 Resp: 79789

Ion Ratio Lower Upper

149 100

167 25.4 20.7 31.1

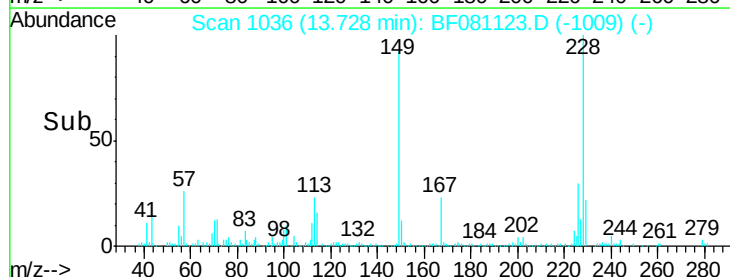
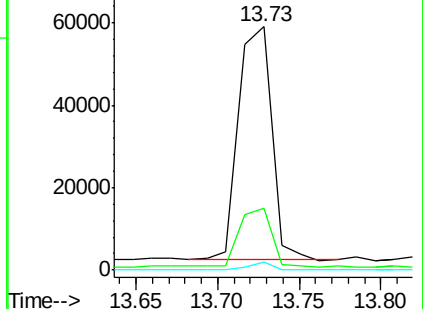
279 3.3 2.2 3.4

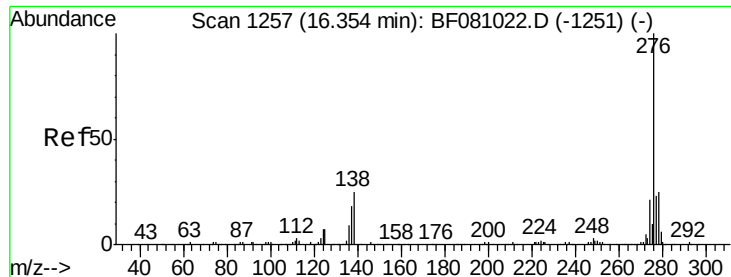


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

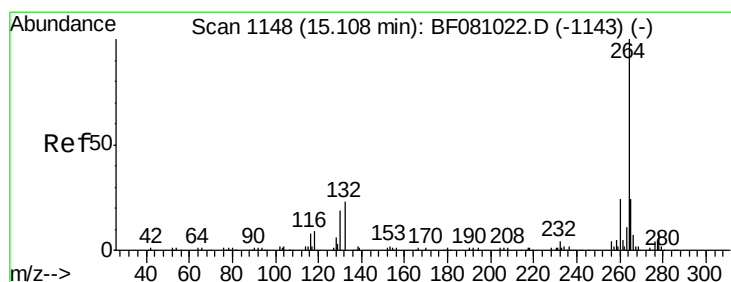
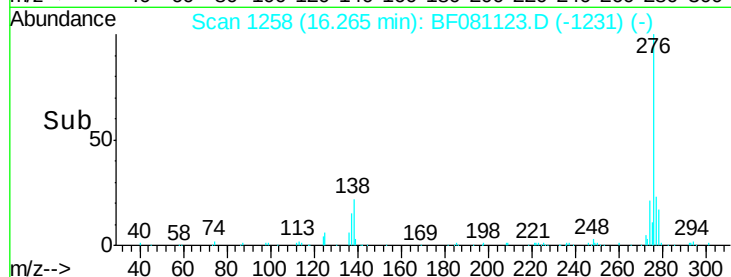
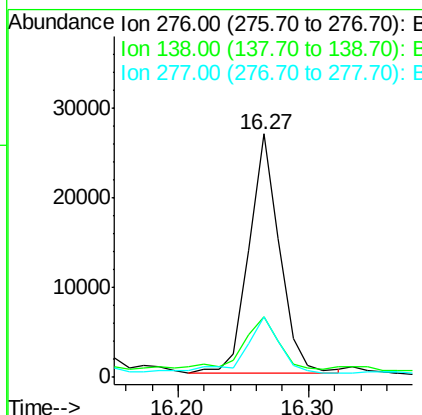
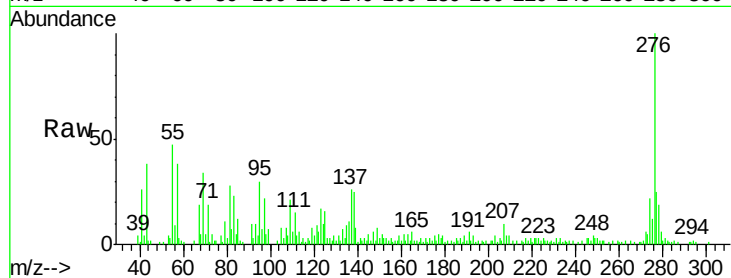




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.08 ng
 RT: 16.27 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: BF081123.D
 Acq: 20 Aug 2015 12:55

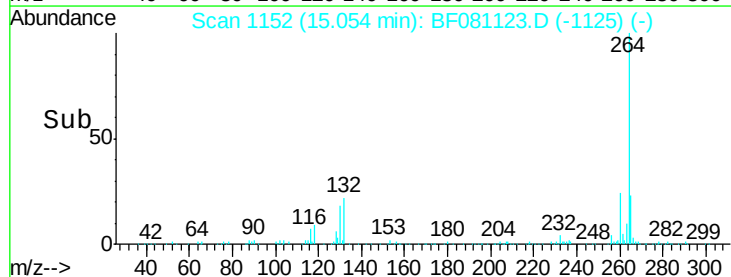
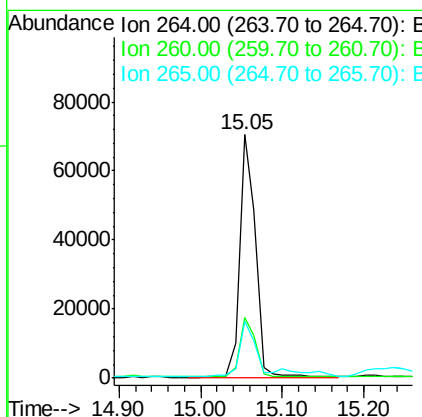
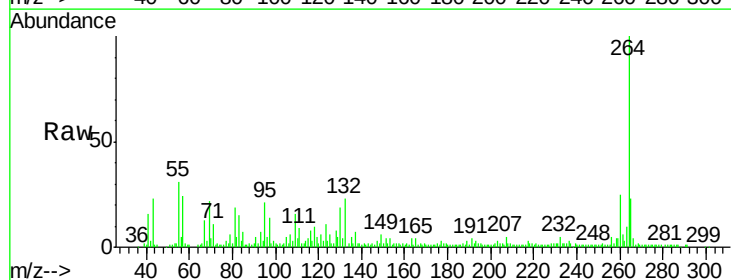
Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-4RE

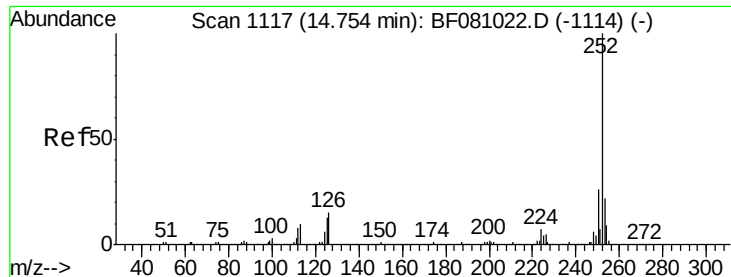
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	18.6	28.0
277	33.2	19.8	29.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BF081123.D
 Acq: 20 Aug 2015 12:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	23.3	17.5	26.3

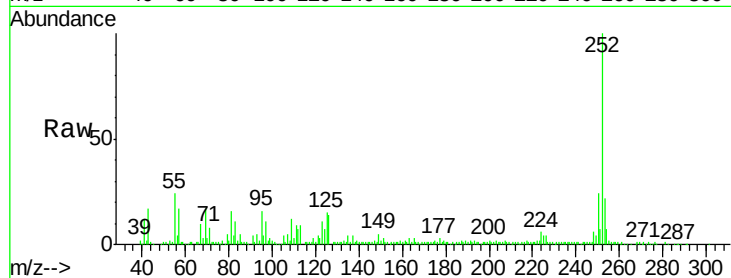




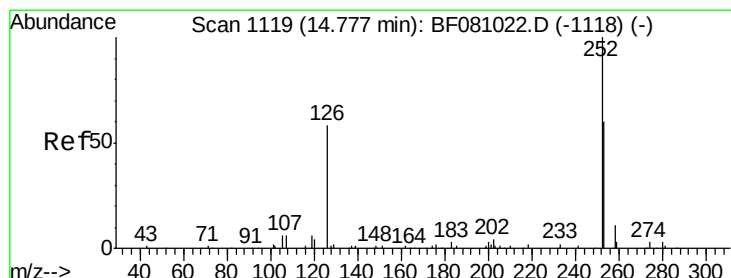
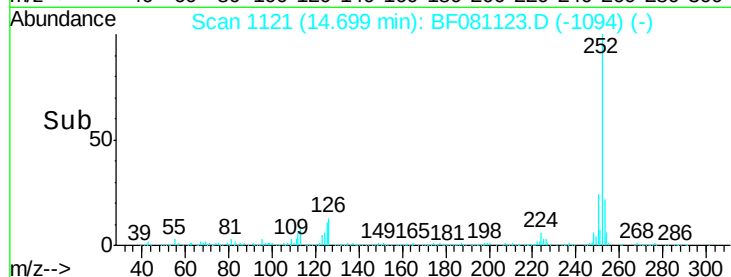
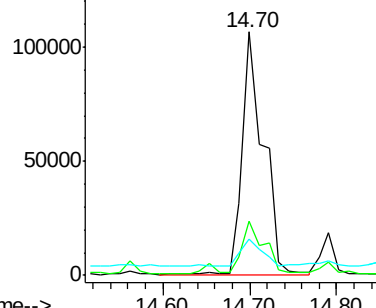
#87
Benzo(b)fluoranthene
Concen: 26.42 ng
RT: 14.70 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF081123.D
Acq: 20 Aug 2015 12:55

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.7	8.0	12.0

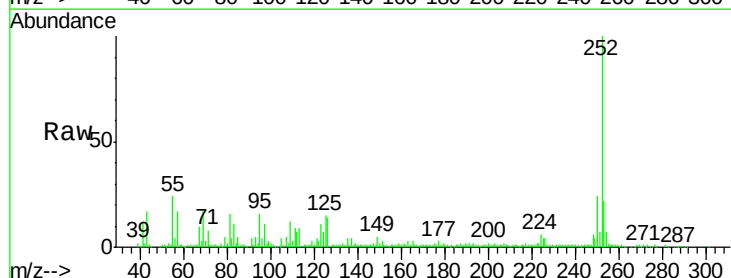


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

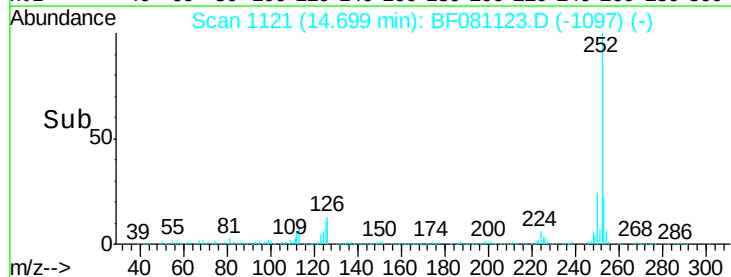
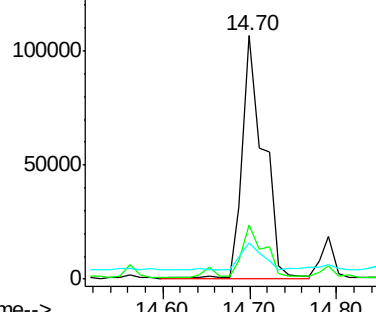


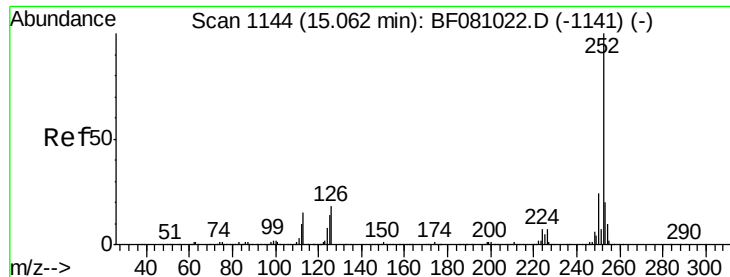
#88
Benzo(k)fluoranthene
Concen: 28.36 ng
RT: 14.70 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF081123.D
Acq: 20 Aug 2015 12:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	14.7	10.3	15.5



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





#89

Benzo(a)pyrene

Concen: 14.69 ng

RT: 15.01 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-4RE

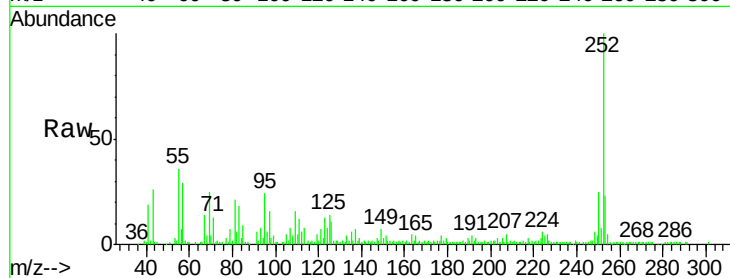
Tgt Ion:252 Resp: 86629

Ion Ratio Lower Upper

252 100

253 22.6 16.6 25.0

125 14.5 7.8 11.8#

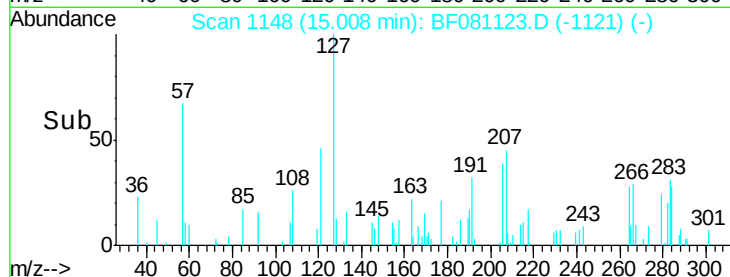


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

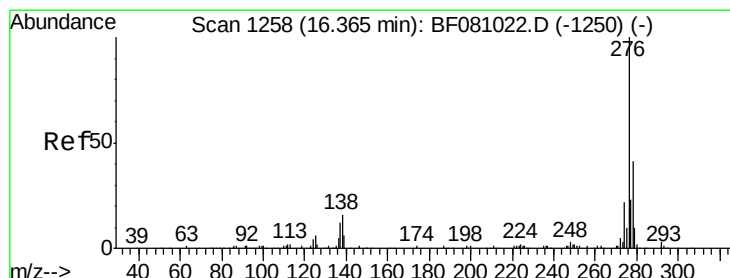
Ion 125.00 (124.70 to 125.70): E

Time-->



Abundance

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 3.71 ng

RT: 16.28 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF081123.D

Acq: 20 Aug 2015 12:55

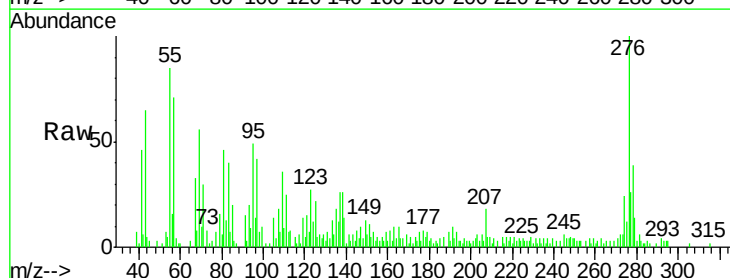
Tgt Ion:278 Resp: 17071

Ion Ratio Lower Upper

278 100

139 35.1 10.8 16.2#

279 35.4 19.0 28.6#

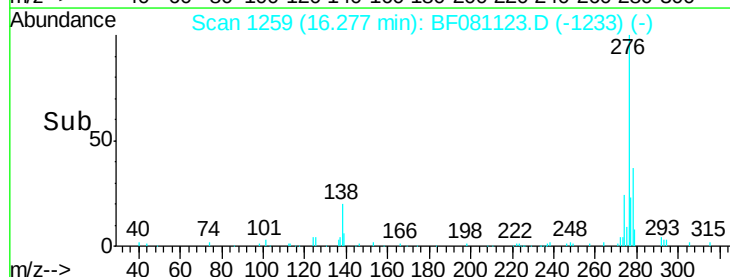


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

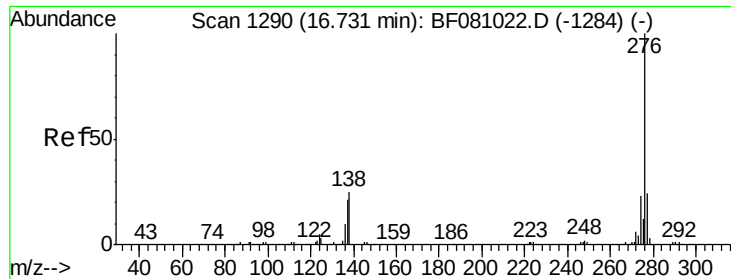
Ion 279.00 (278.70 to 279.70): E

Time-->



Abundance

Time-->



#91

Benzo(g,h,i)perylene

Concen: 8.80 ng

RT: 16.63 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF081123.D

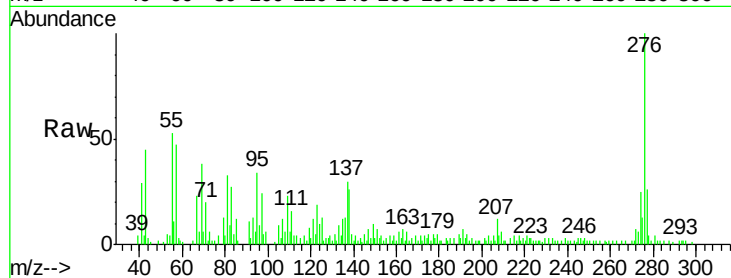
Acq: 20 Aug 2015 12:55

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-4RE



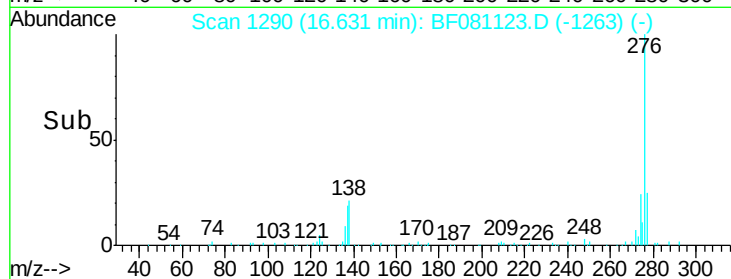
Tgt Ion: 276 Resp: 41039

Ion Ratio Lower Upper

276 100

277 26.0 18.2 27.2

138 25.8 13.7 20.5#



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

