

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080416.D
 Acq On : 11 Jul 2015 5:31
 Operator : TP/UM
 Sample : PB84443BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BL

Quant Time: Jul 11 05:58:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

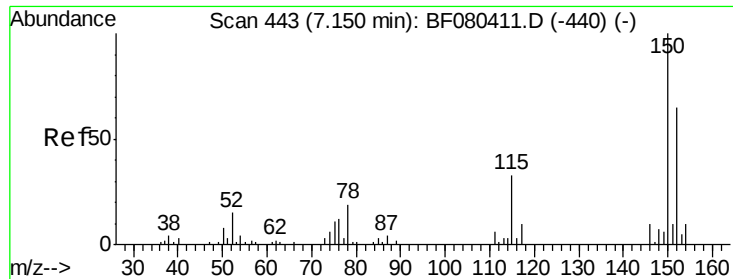
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	19696	20.00	ng	0.00
21) Naphthalene-d8	8.43	136	83780	20.00	ng	0.00
38) Acenaphthene-d10	10.19	164	42763	20.00	ng	0.00
63) Phenanthrene-d10	11.69	188	82830	20.00	ng	0.00
75) Chrysene-d12	14.50	240	87507	20.00	ng	-0.03
86) Perylene-d12	16.24	264	82710	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.79	112	126450	110.02	ng	0.00
7) Phenol-d6	6.80	99	158631	103.59	ng	0.00
23) Nitrobenzene-d5	7.71	82	96317	65.57	ng	0.00
41) 2,4,6-Tribromophenol	10.99	330	34724	83.20	ng	0.00
44) 2-Fluorobiphenyl	9.50	172	216999	68.35	ng	0.00
78) Terphenyl-d14	13.30	244	259492	64.40	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.92	77	3191	3.77	ng	79
15) Benzyl Alcohol	7.30	79	1760	1.40	ng	# 52
19) n-Nitroso-di-n-propylamine	7.71	70	12342	11.78	ng	# 81
24) Nitrobenzene	7.71	77	237	0.15	ng	# 41
25) Isophorone	7.71	82	92289	35.06	ng	# 73
45) 1,1'-Biphenyl	9.50	154	347	0.09	ng	# 1
47) 2-Nitroaniline	9.50	65	242	4.89	ng	# 1
50) 2,6-Dinitrotoluene	10.19	165	5807	8.00	ng	# 24
56) 2,4-Dinitrotoluene	10.19	165	5808	6.85	ng	# 9
57) Fluorene	10.98	166	1989	0.60	ng	# 92
65) n-Nitrosodiphenylamine	10.98	169	1191	0.46	ng	# 33
66) 4-Bromophenyl-phenylether	10.98	248	2651	3.00	ng	# 1
77) Pyrene	13.30	202	732	0.13	ng	# 57
80) Benzo(a)anthracene	14.49	228	815	0.15	ng	# 52
82) Chrysene	14.53	228	758	0.15	ng	# 49
83) Bis(2-ethylhexyl)phthalate	14.34	149	314	0.09	ng	# 52
84) Di-n-octyl phthalate	15.20	149	219	0.04	ng	# 73
85) Indeno(1,2,3-cd)pyrene	17.89	276	2941	0.47	ng	# 71
87) Benzo(b)fluoranthene	15.75	252	1681	0.29	ng	# 59
88) Benzo(k)fluoranthene	15.78	252	1744	0.37	ng	# 79
89) Benzo(a)pyrene	16.17	252	2091	0.42	ng	# 76
90) Dibenzo(a,h)anthracene	17.91	278	2510	0.50	ng	# 57
91) Benzo(g,h,i)perylene	18.40	276	2221	0.45	ng	# 67

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

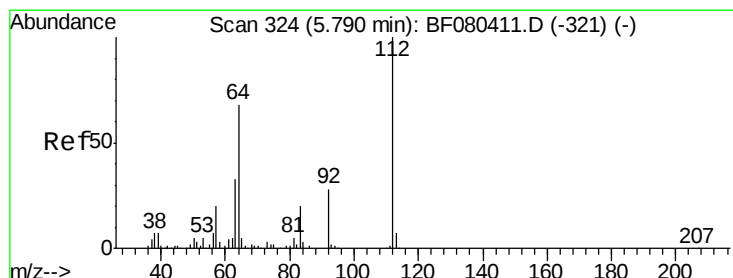
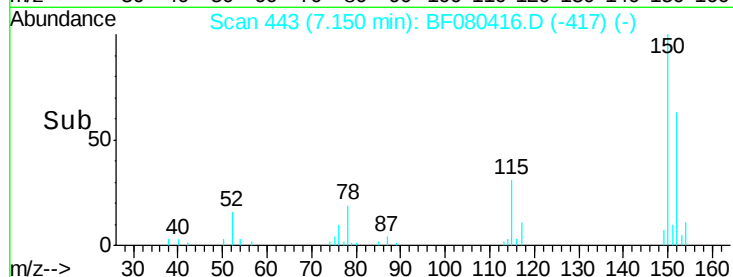
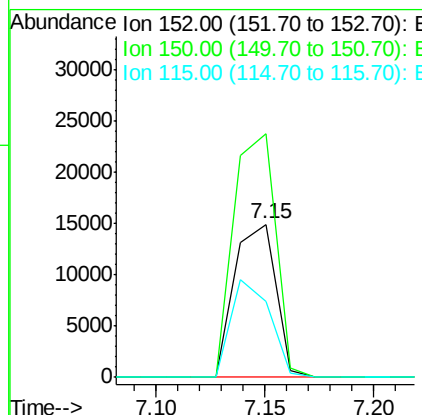
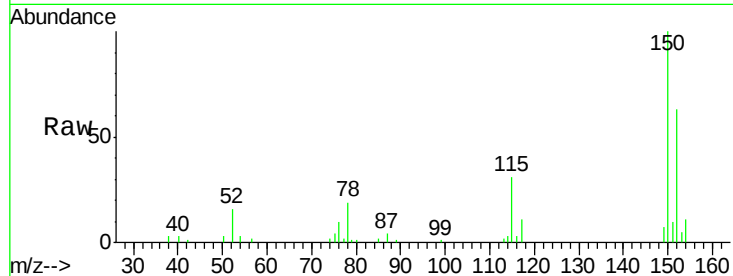
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\  
Data File : BF080416.D  
Acq On    : 11 Jul 2015    5:31  
Operator  : TP/UM  
Sample    : PB84443BL  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
```



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.15 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF080416.D
 Acq: 11 Jul 2015 5:31

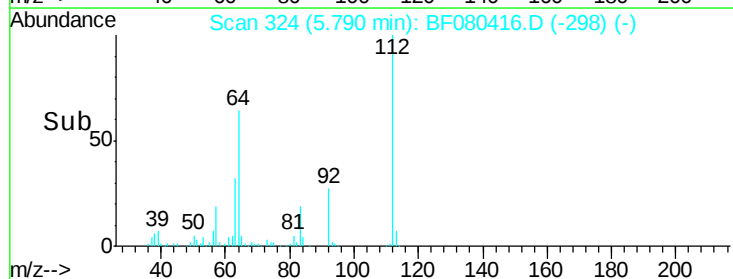
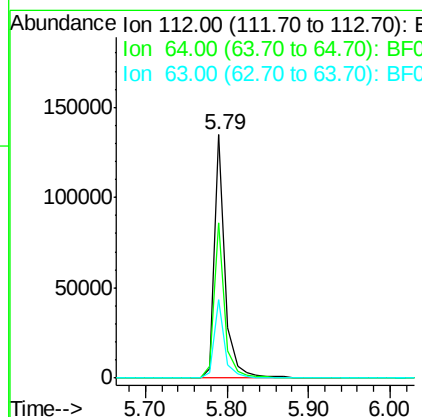
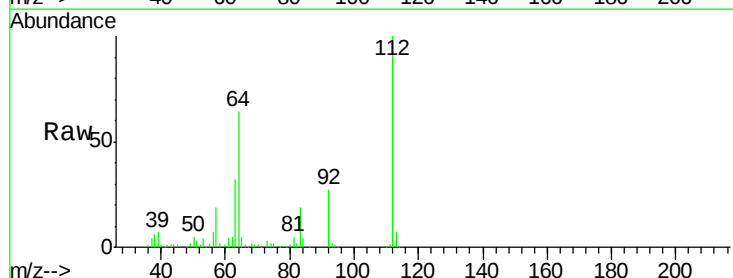
Instrument :
 BNA_F
 ClientSampleId :
 PB84443BL

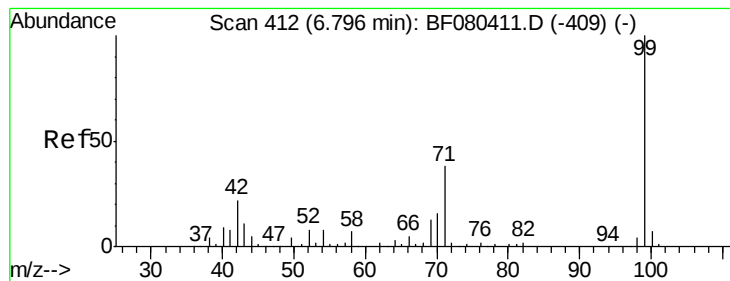
Tgt Ion:152 Resp: 19696
 Ion Ratio Lower Upper
 152 100
 150 158.7 122.3 183.5
 115 49.8 41.0 61.4



#5
 2-Fluorophenol
 Concen: 110.02 ng
 RT: 5.79 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: BF080416.D
 Acq: 11 Jul 2015 5:31

Tgt Ion:112 Resp: 126450
 Ion Ratio Lower Upper
 112 100
 64 63.8 54.3 81.5
 63 32.1 26.7 40.1





#7

Phenol-d6

Concen: 103.59 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

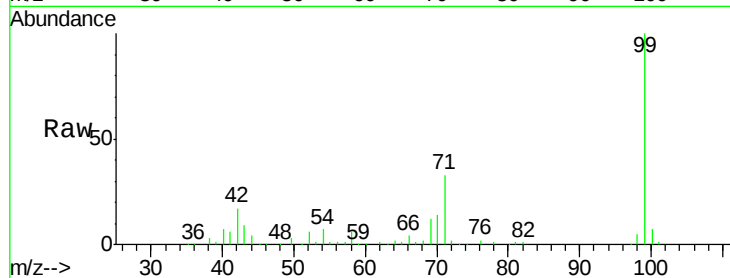
Tgt Ion: 99 Resp: 158631

Ion Ratio Lower Upper

99 100

42 16.9 17.9 26.9#

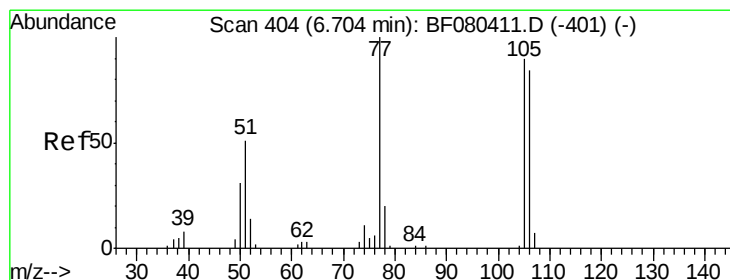
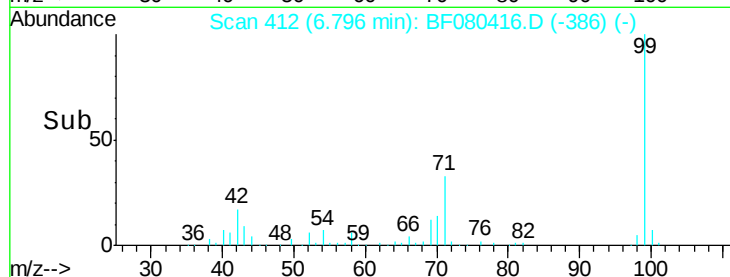
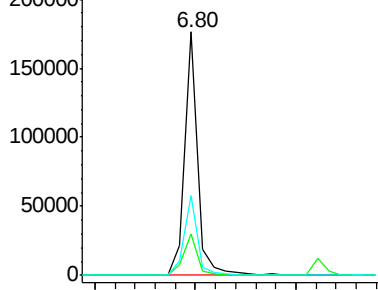
71 32.8 30.1 45.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.77 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.22 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

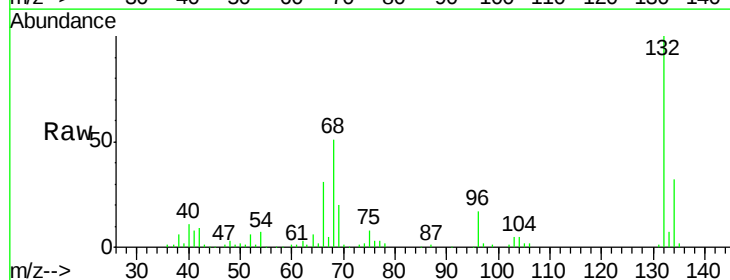
Tgt Ion: 77 Resp: 3191

Ion Ratio Lower Upper

77 100

105 70.4 69.6 109.6

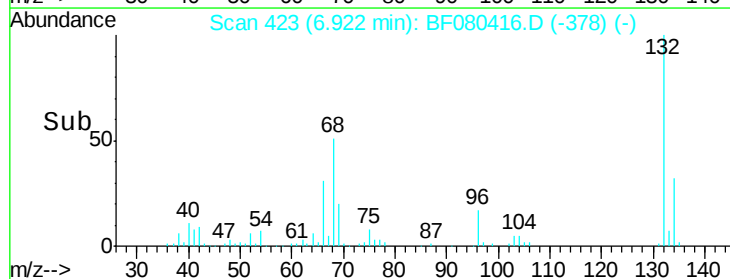
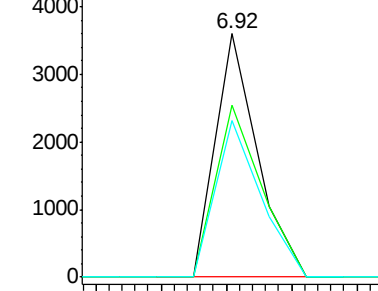
106 64.1 63.6 103.6

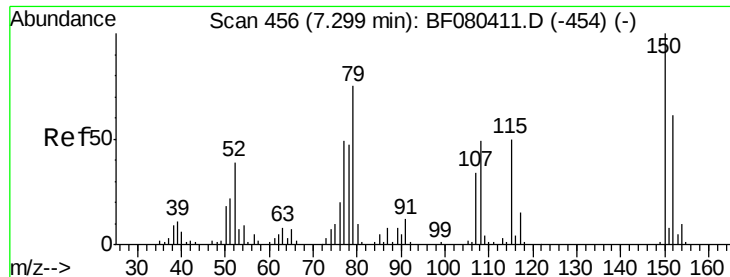


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 1.40 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampled :

PB84443BL

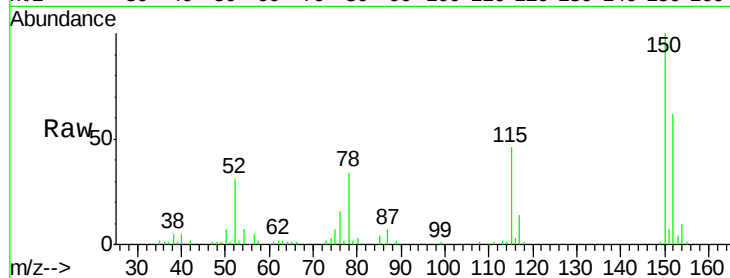
Tgt Ion: 79 Resp: 1760

Ion Ratio Lower Upper

79 100

108 24.7 51.6 77.4#

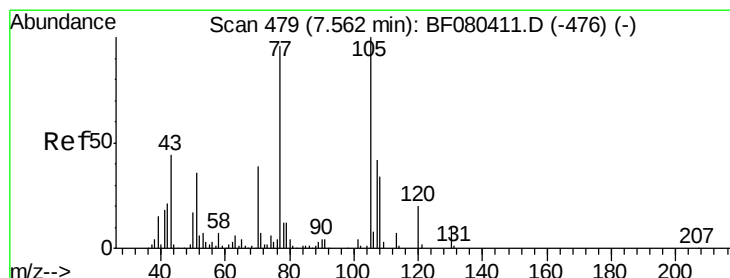
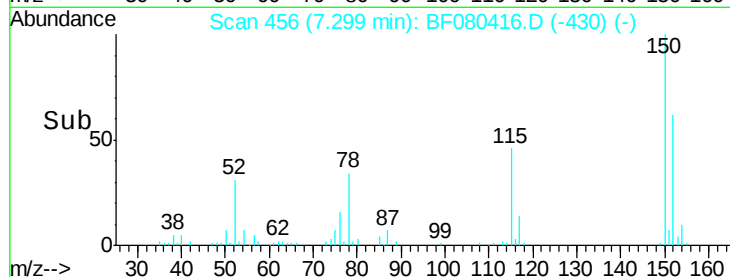
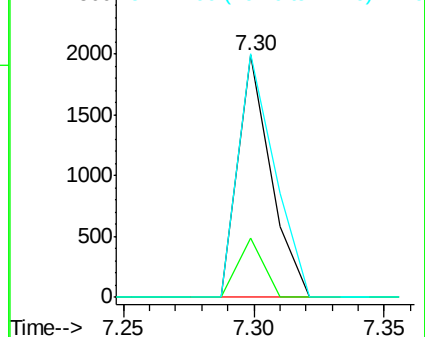
77 100.7 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 11.78 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.15 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Tgt Ion: 70 Resp: 12342

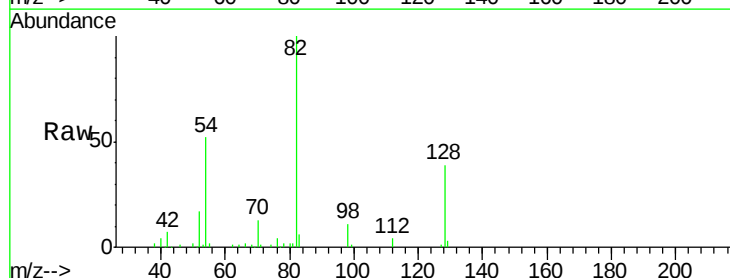
Ion Ratio Lower Upper

70 100

42 52.3 43.4 65.0

101 0.0 9.0 13.6#

130 0.0 19.5 29.3#

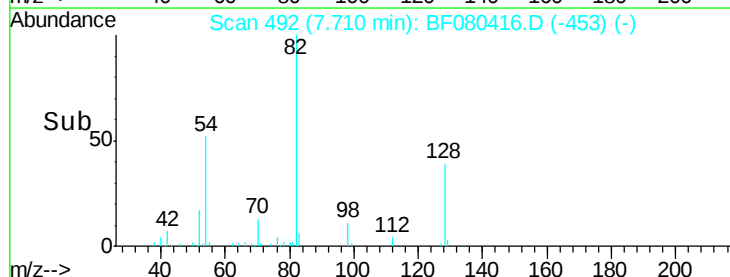
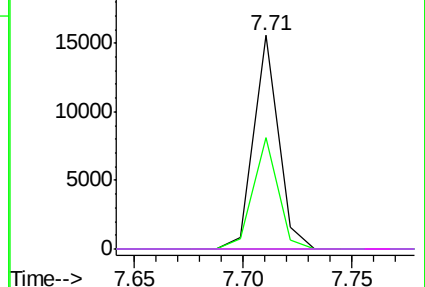


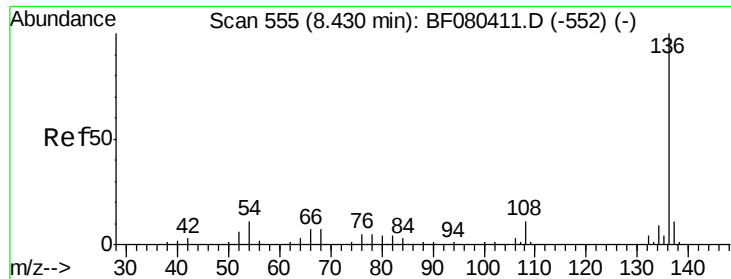
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

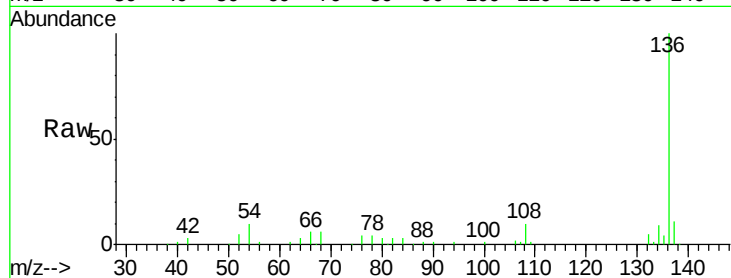




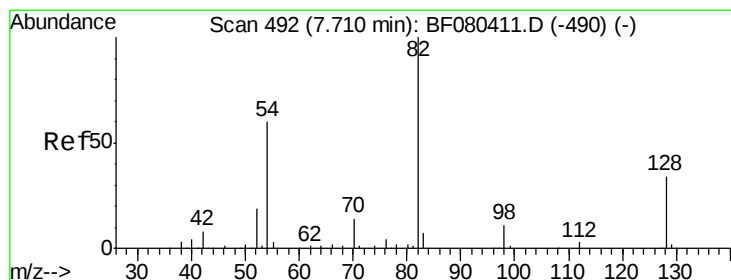
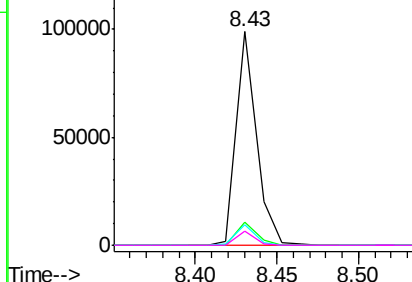
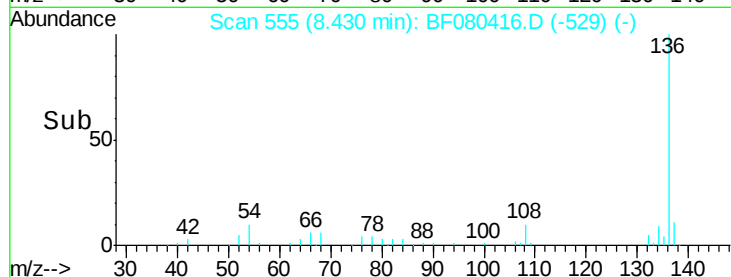
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080416.D
Acq: 11 Jul 2015 5:31

Instrument :
BNA_F
ClientSampleId :
PB84443BL

Tgt Ion:	136	Resp:	83780
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.6	9.1	13.7
68	6.5	5.9	8.9

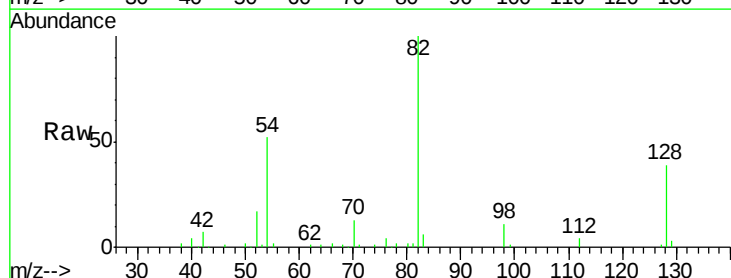


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

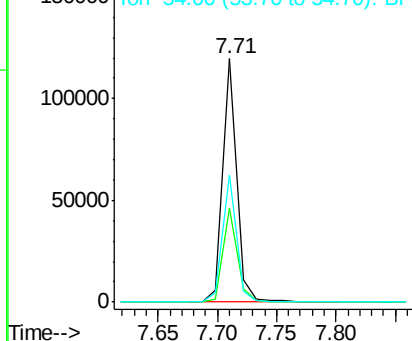
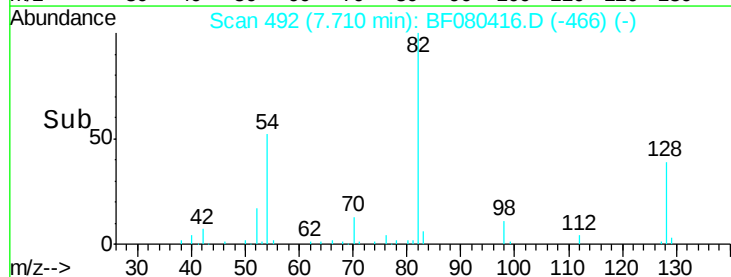


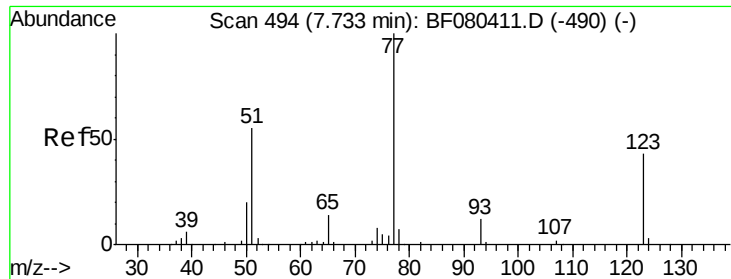
#23
Nitrobenzene-d5
Concen: 65.57 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF080416.D
Acq: 11 Jul 2015 5:31

Tgt Ion:	82	Resp:	96317
Ion	Ratio	Lower	Upper
82	100		
128	38.8	26.9	40.3
54	52.0	47.7	71.5



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

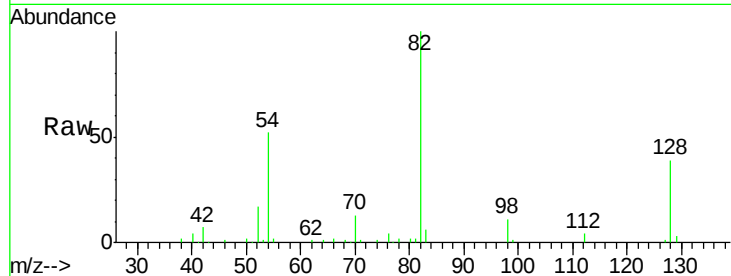




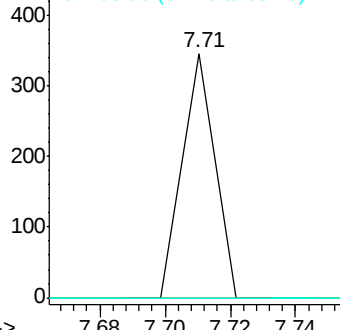
#24
Nitrobenzene
Concen: 0.15 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF080416.D
Acq: 11 Jul 2015 5:31

Instrument :
BNA_F
ClientSampleId :
PB84443BL

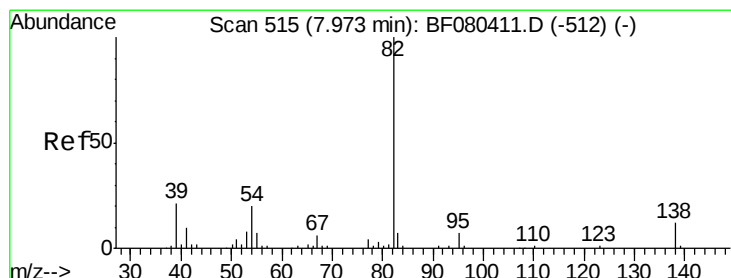
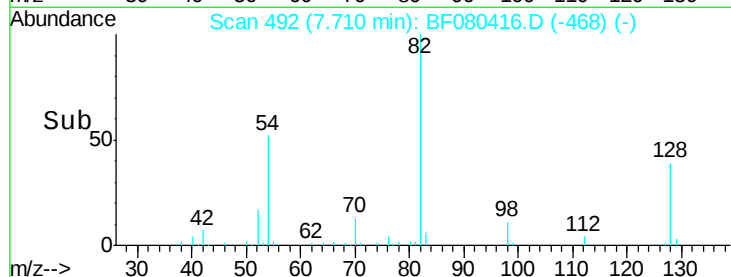
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.0	51.0#
65	0.0	11.2	16.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

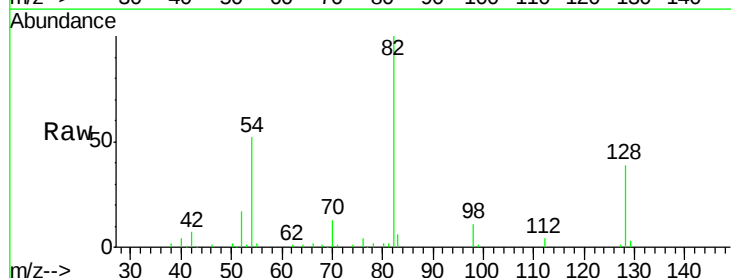


Time-->

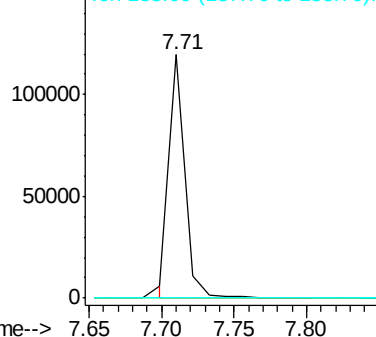


#25
Isophorone
Concen: 35.06 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.26 min
Lab File: BF080416.D
Acq: 11 Jul 2015 5:31

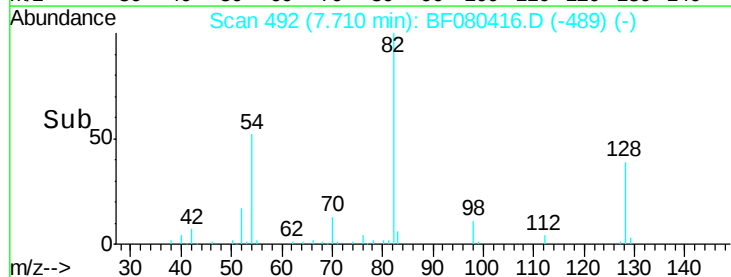
Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	9.5	14.3#

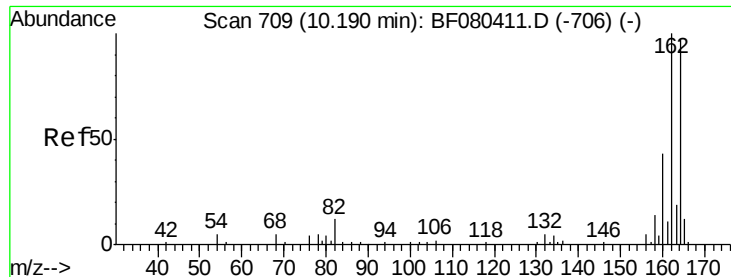


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

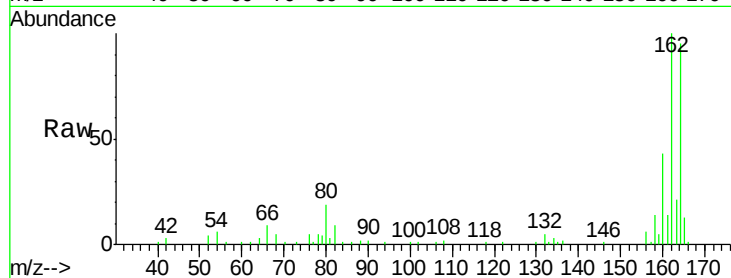
Tgt Ion:164 Resp: 42763

Ion Ratio Lower Upper

164 100

162 105.7 82.7 124.1

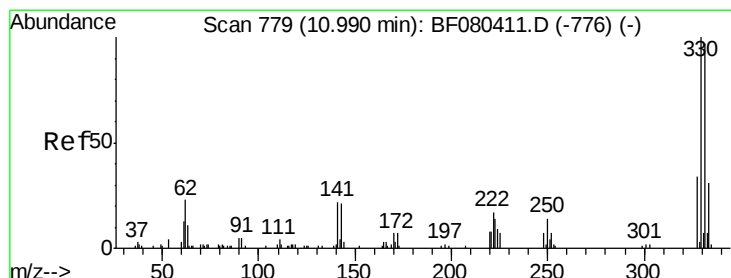
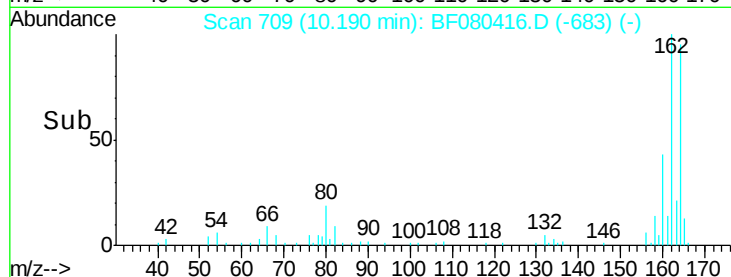
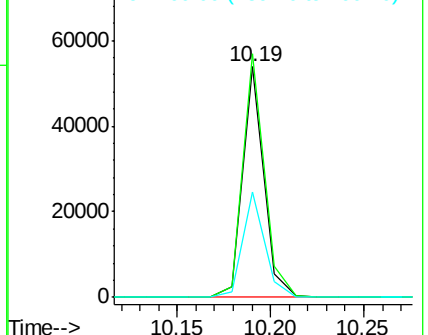
160 45.7 35.5 53.3



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: 83.20 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

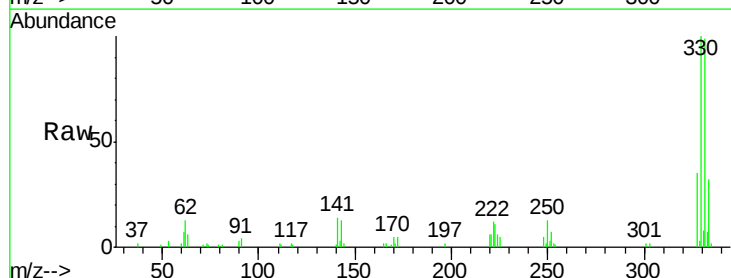
Tgt Ion:330 Resp: 34724

Ion Ratio Lower Upper

330 100

332 98.5 78.0 117.0

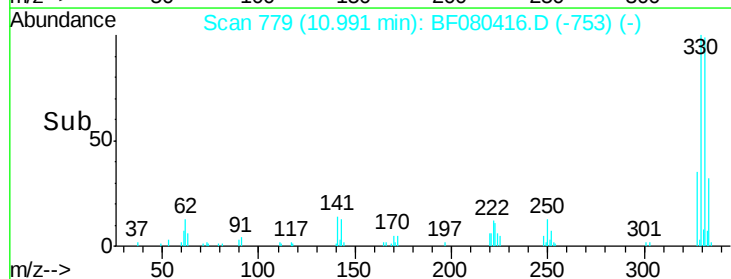
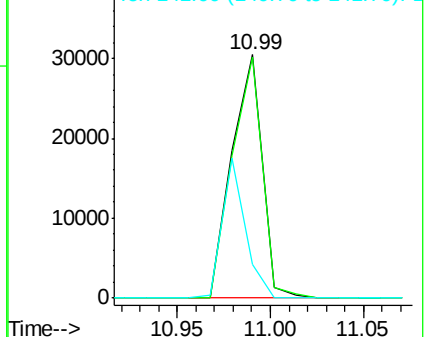
141 43.6 28.6 43.0#

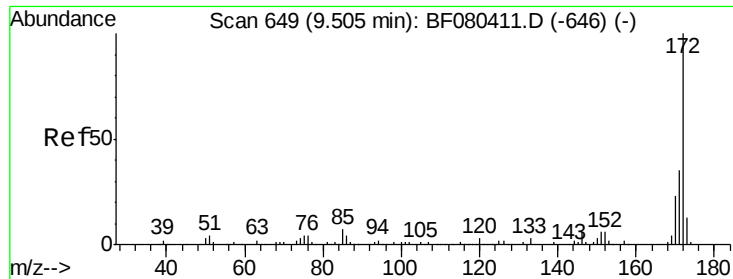


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

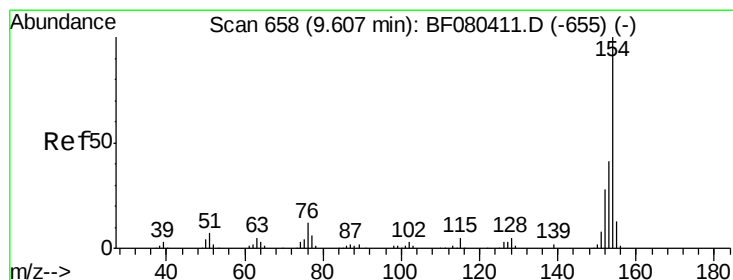
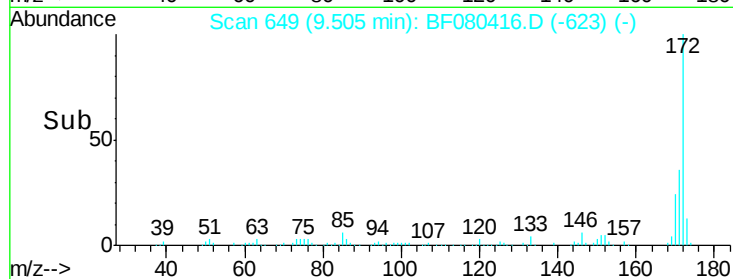
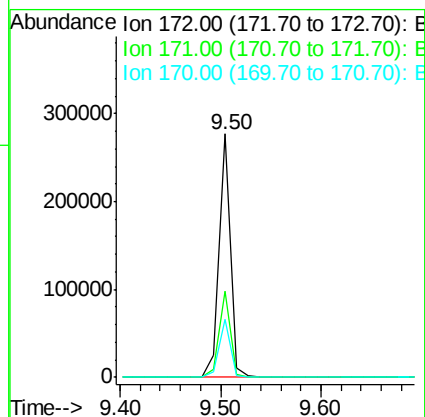
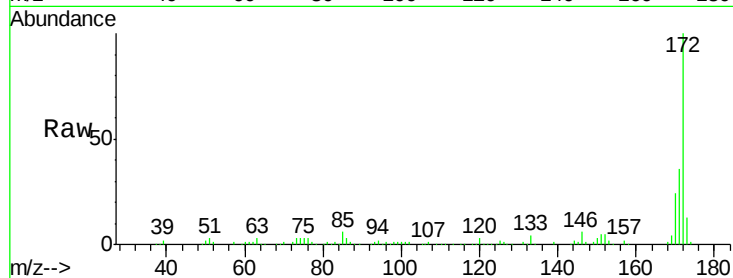




#44
 2-Fluorobiphenyl
 Concen: 68.35 ng
 RT: 9.50 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF080416.D
 Acq: 11 Jul 2015 5:31

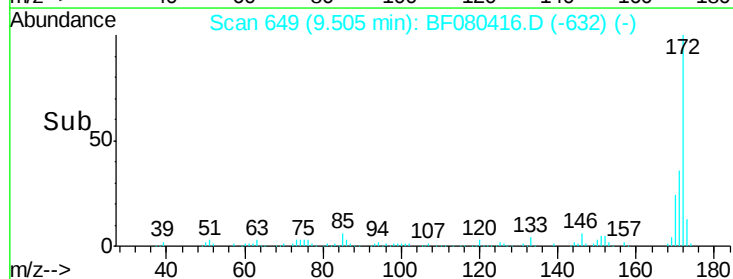
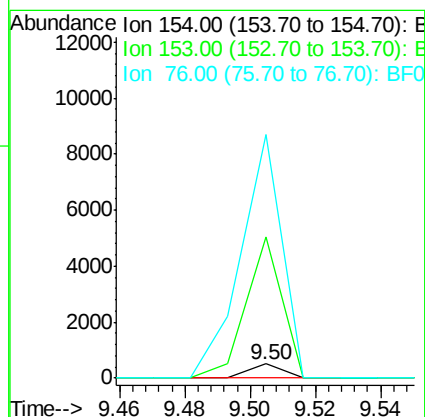
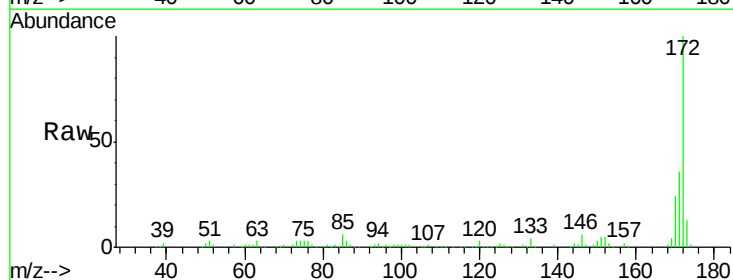
Instrument :
 BNA_F
 ClientSampleId :
 PB84443BL

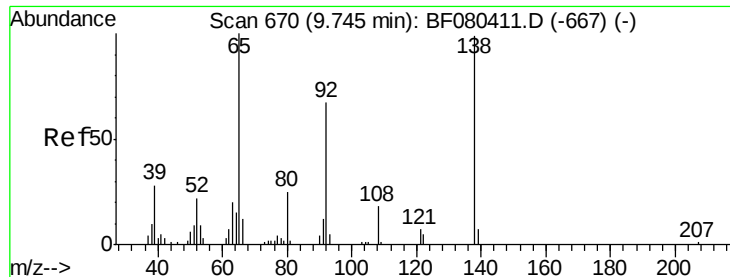
Tgt Ion:172 Resp: 216999
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.4 42.6
 170 23.7 18.6 28.0



#45
 1,1'-Biphenyl
 Concen: 0.09 ng
 RT: 9.50 min Scan# 649
 Delta R.T. -0.10 min
 Lab File: BF080416.D
 Acq: 11 Jul 2015 5:31

Tgt Ion:154 Resp: 347
 Ion Ratio Lower Upper
 154 100
 153 996.0 20.6 60.6#
 76 1718.2 0.0 32.4#





#47

2-Nitroaniline

Concen: 4.89 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.24 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

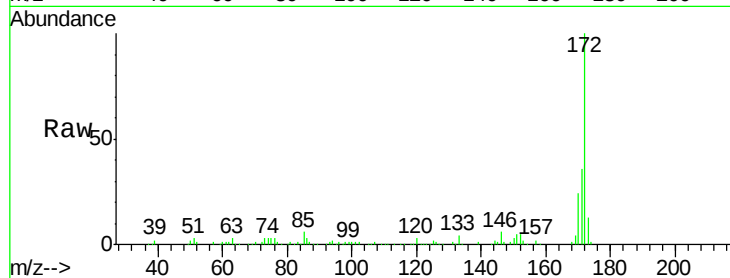
Tgt Ion: 65 Resp: 242

Ion Ratio Lower Upper

65 100

92 253.0 53.2 79.8#

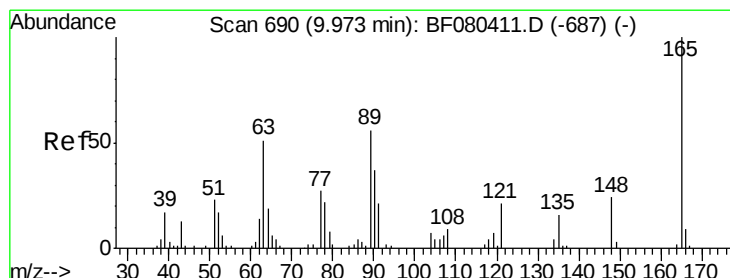
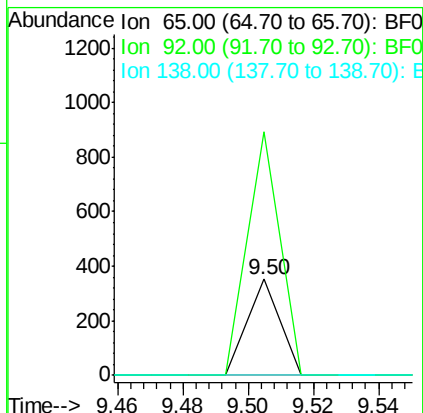
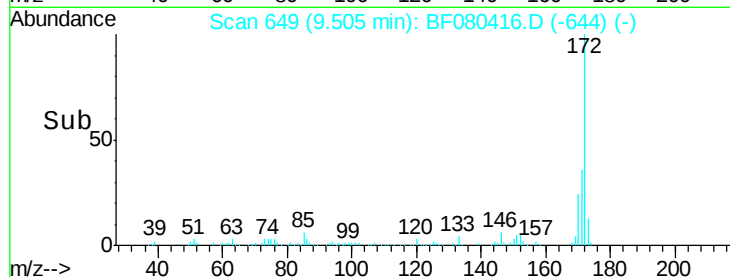
138 0.0 78.9 118.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#50

2,6-Dinitrotoluene

Concen: 8.00 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.22 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

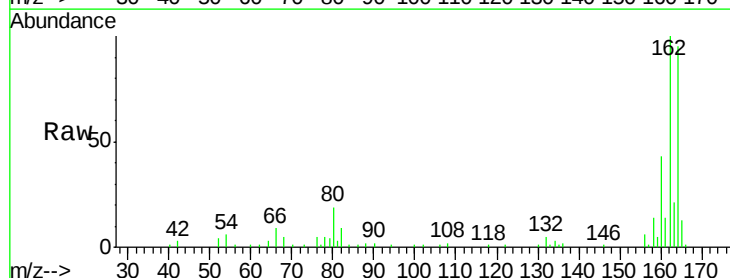
Tgt Ion: 165 Resp: 5807

Ion Ratio Lower Upper

165 100

63 0.0 44.5 66.7#

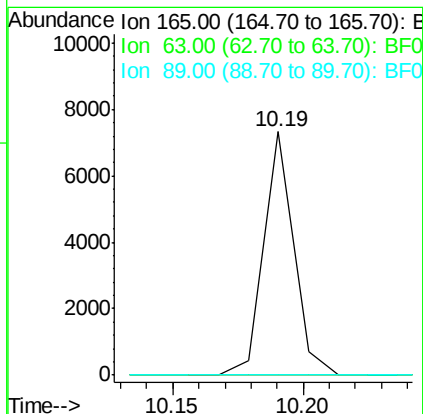
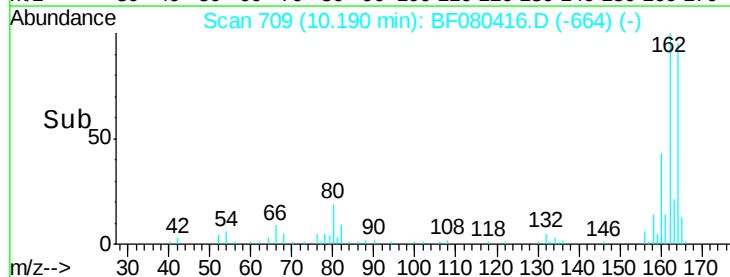
89 0.0 44.5 66.7#

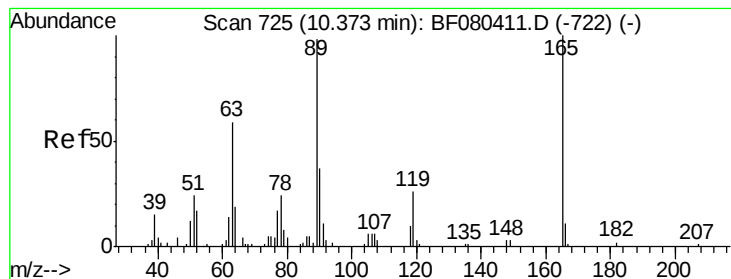


Abundance Ion 165.00 (164.70 to 165.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.85 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.18 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

Tgt Ion:165 Resp: 5808

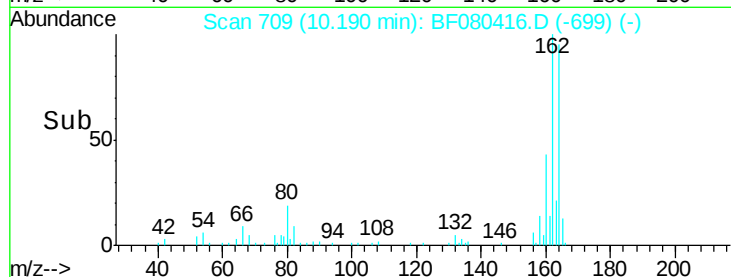
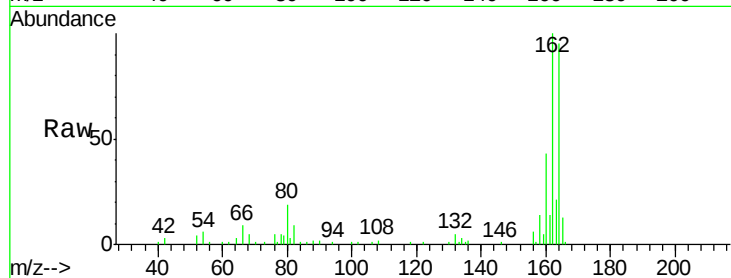
Ion Ratio Lower Upper

165 100

63 0.0 51.7 77.5#

89 0.0 78.6 117.8#

182 0.0 1.8 2.8#

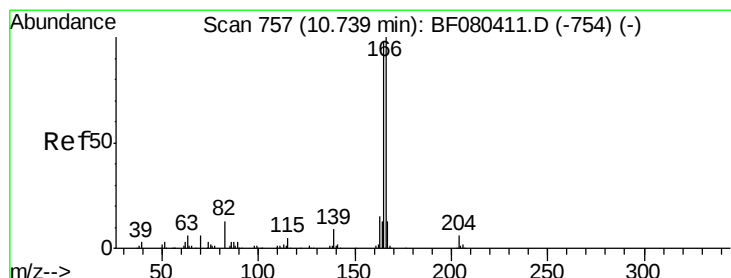
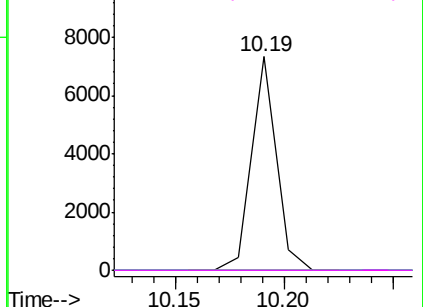


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.60 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.24 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

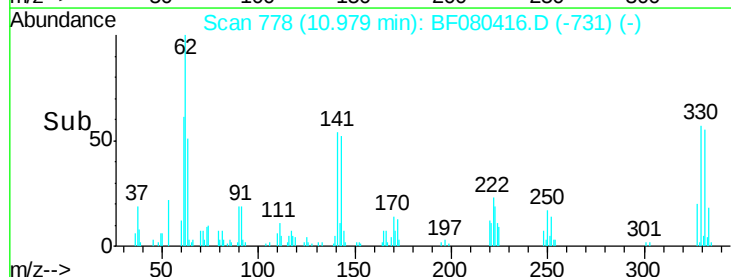
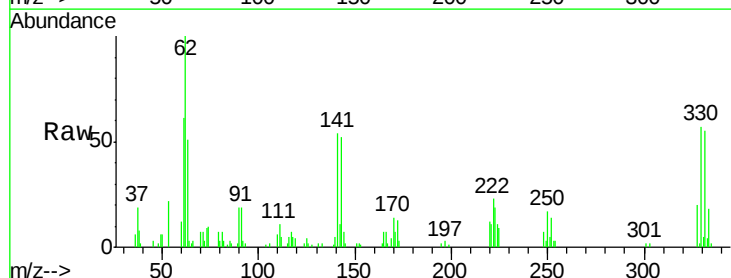
Tgt Ion:166 Resp: 1989

Ion Ratio Lower Upper

166 100

165 99.7 78.3 117.5

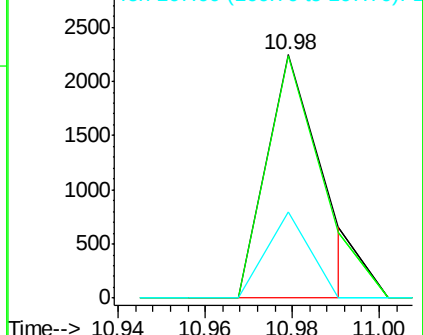
167 35.3 10.6 15.8#

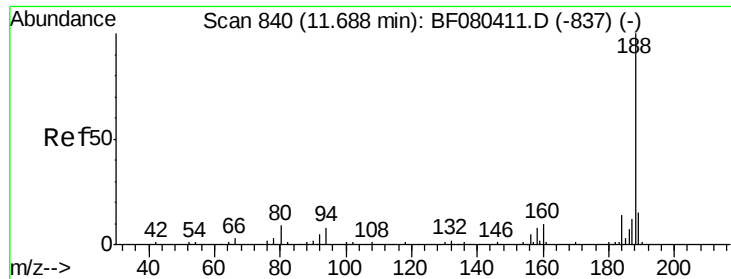


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

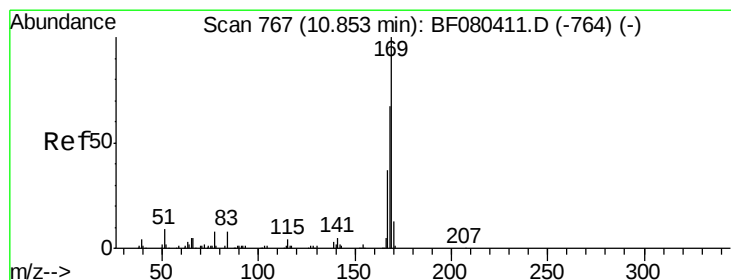
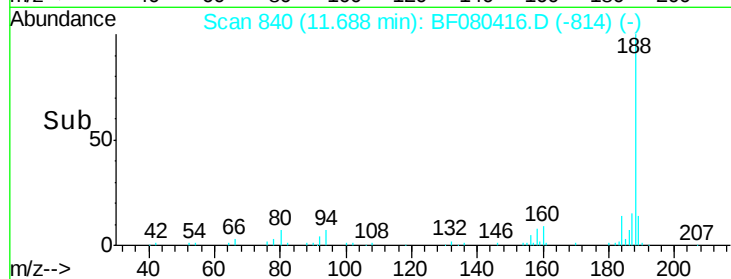
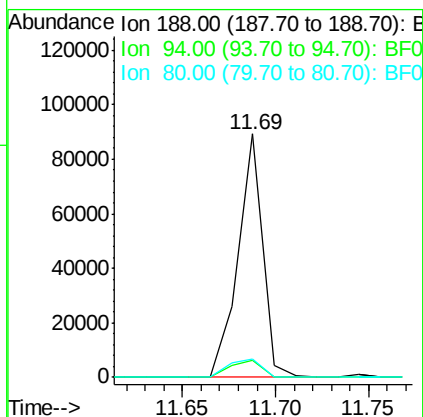
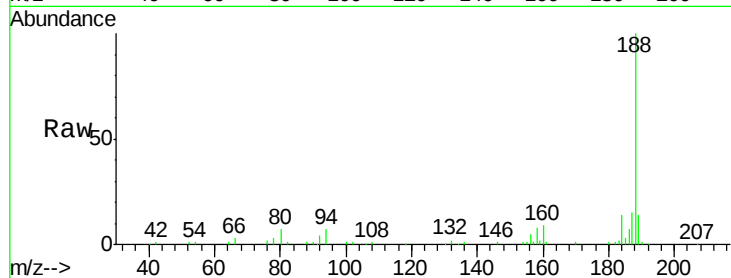




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.69 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF080416.D
Acq: 11 Jul 2015 5:31

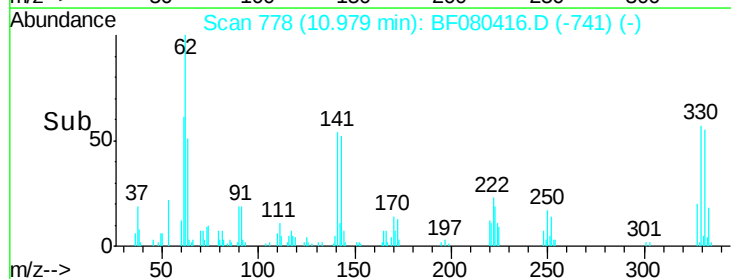
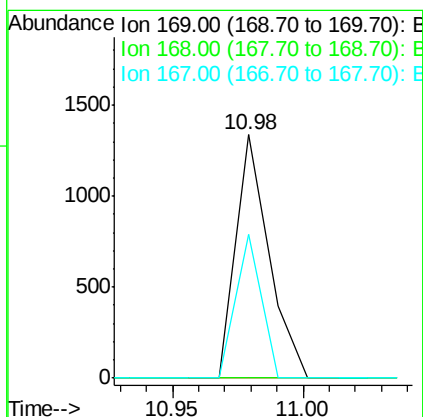
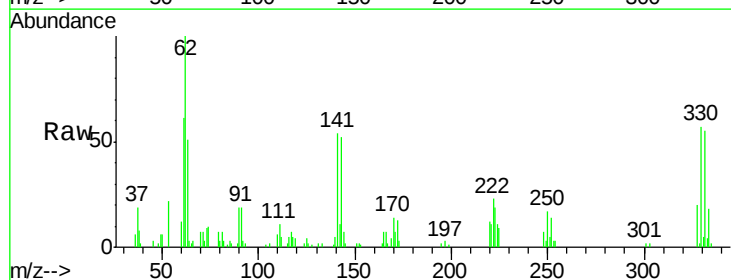
Instrument :
BNA_F
ClientSampleId :
PB84443BL

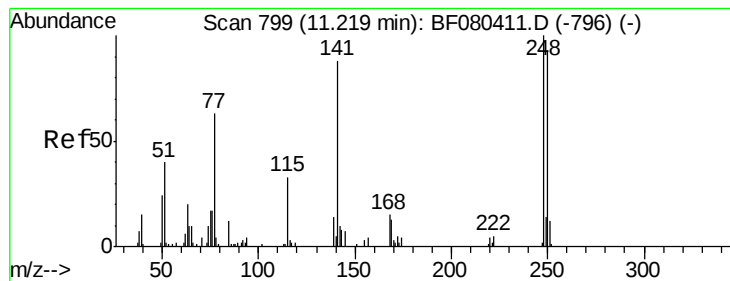
Tgt Ion:188 Resp: 82830
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 7.5 7.5 11.3#



#65
n-Nitrosodiphenylamine
Concen: 0.46 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.13 min
Lab File: BF080416.D
Acq: 11 Jul 2015 5:31

Tgt Ion:169 Resp: 1191
Ion Ratio Lower Upper
169 100
168 0.0 53.5 80.3#
167 59.3 29.4 44.2#





#66

4-Bromophenyl-phenylether

Concen: 3.00 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.24 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

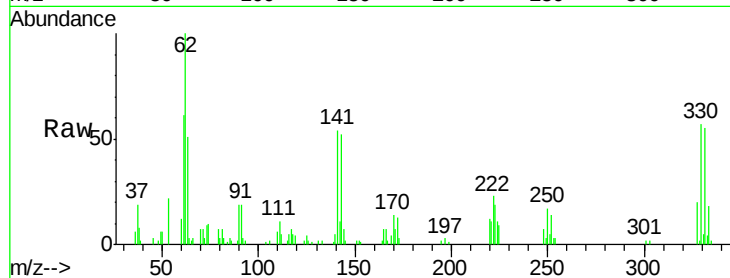
Tgt Ion:248 Resp: 2651

Ion Ratio Lower Upper

248 100

250 238.8 74.2 111.4#

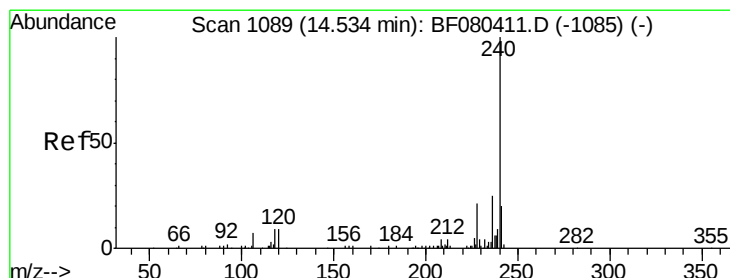
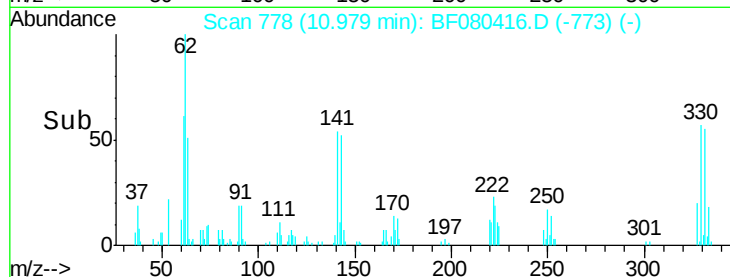
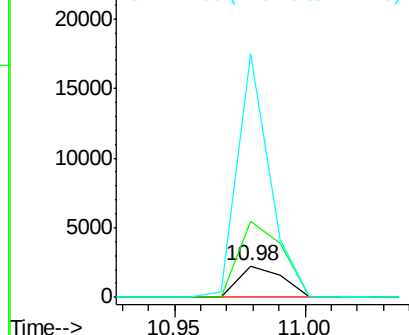
141 771.1 70.7 106.1#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.03 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

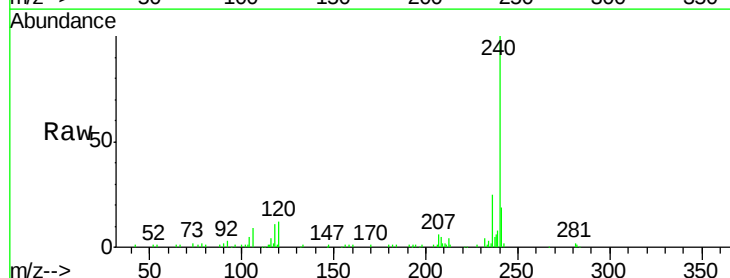
Tgt Ion:240 Resp: 87507

Ion Ratio Lower Upper

240 100

120 12.1 7.4 11.2#

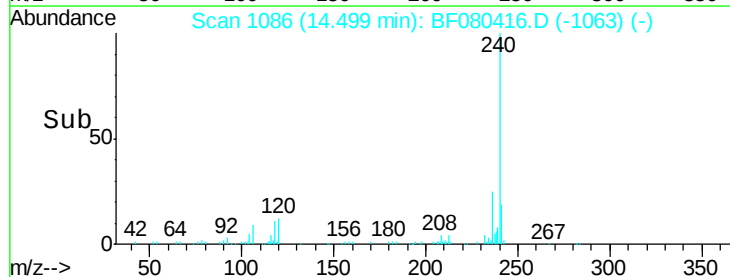
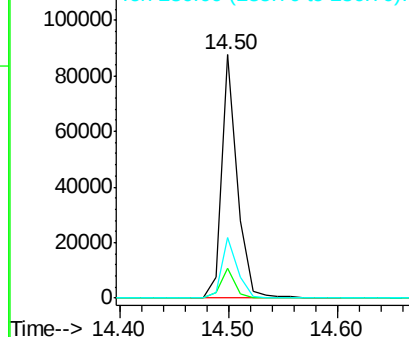
236 25.0 19.7 29.5

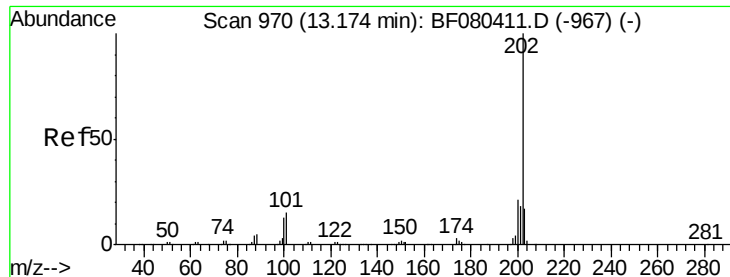


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 0.13 ng

RT: 13.30 min Scan# 981

Delta R.T. 0.13 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampled :

PB84443BL

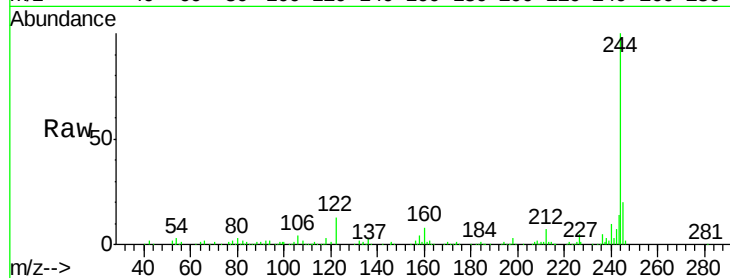
Tgt Ion:202 Resp: 732

Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.6#

203 0.0 13.8 20.8#



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

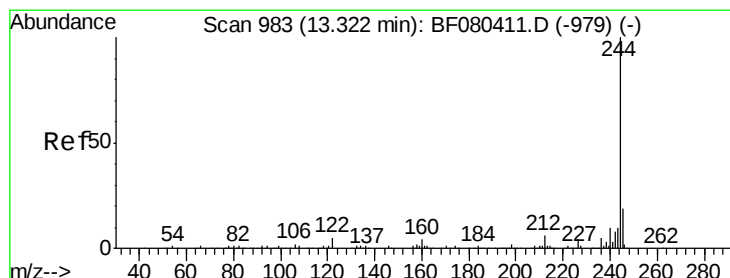
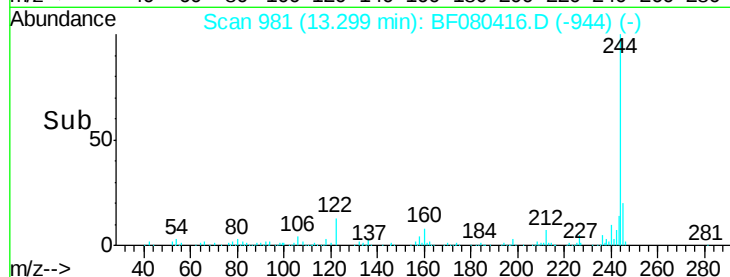
13.30

1000

500

0

Time-->



#78

Terphenyl-d14

Concen: 64.40 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

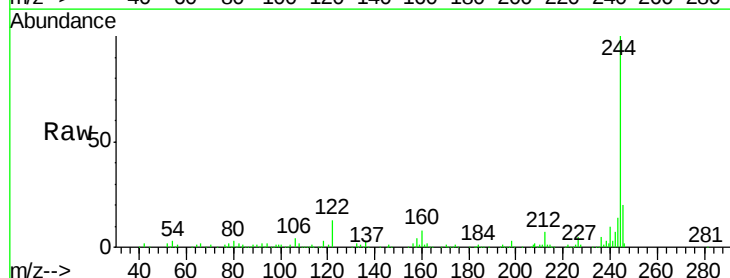
Tgt Ion:244 Resp: 259492

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

122 12.9 4.1 6.1#



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

13.30

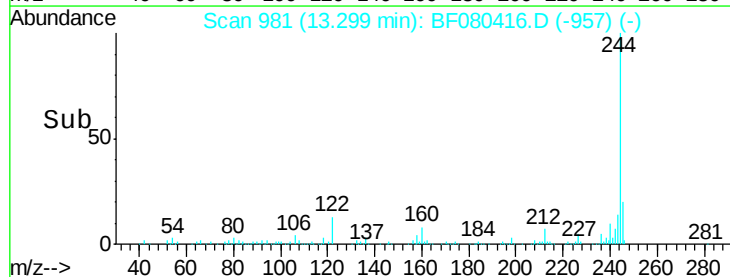
300000

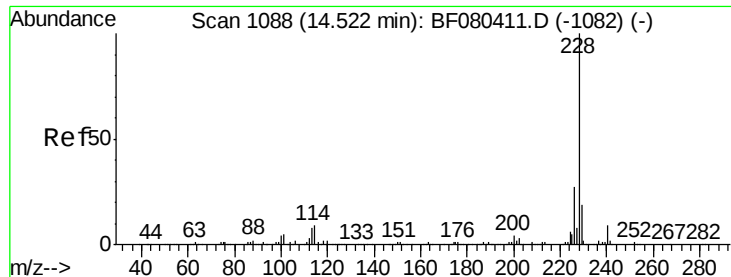
200000

100000

0

Time-->





#80

Benzo(a)anthracene

Concen: 0.15 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

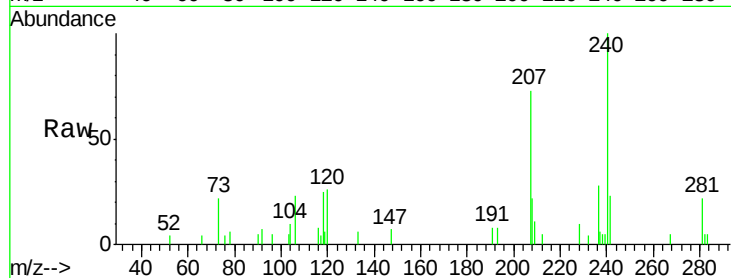
Tgt Ion:228 Resp: 815

Ion Ratio Lower Upper

228 100

226 0.0 21.7 32.5#

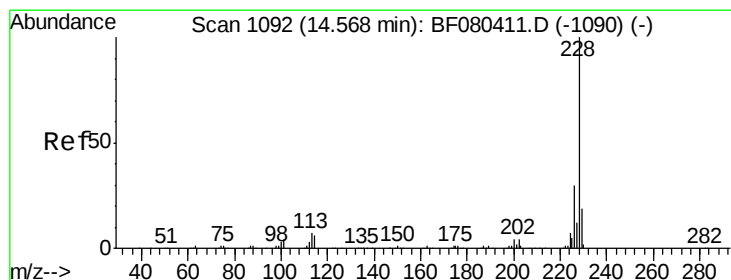
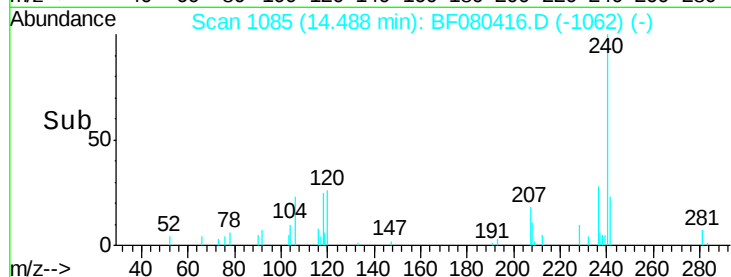
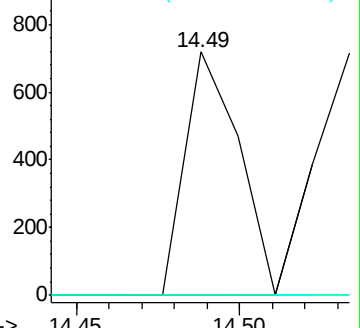
229 0.0 15.5 23.3#



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: 0.15 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

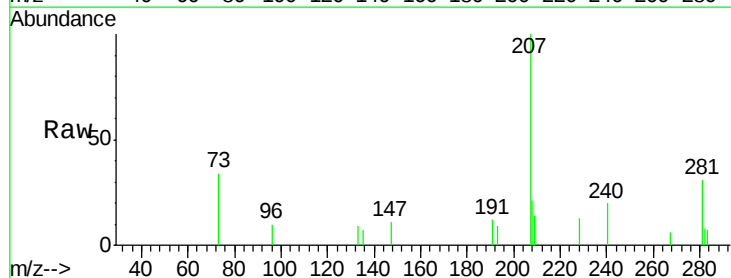
Tgt Ion:228 Resp: 758

Ion Ratio Lower Upper

228 100

226 0.0 24.3 36.5#

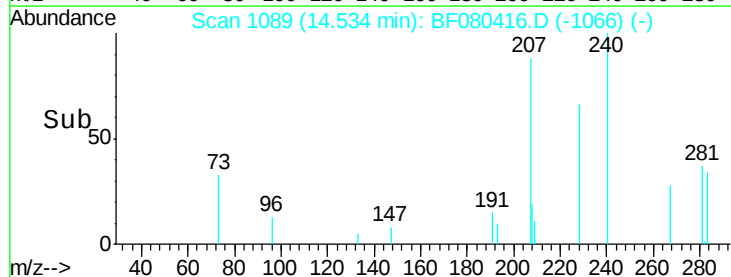
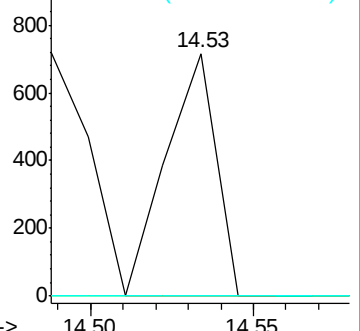
229 0.0 15.5 23.3#

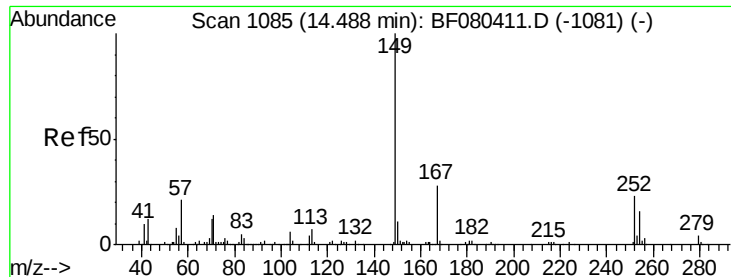


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 14.34 min Scan# 1072

Delta R.T. -0.15 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

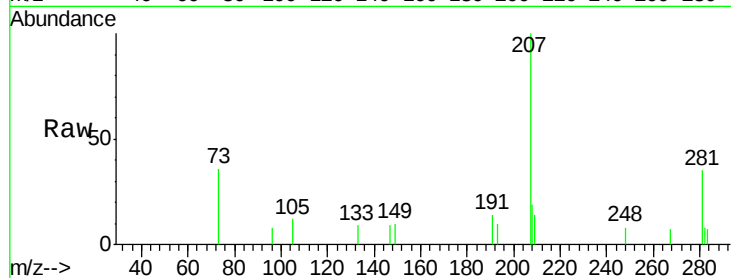
Tgt Ion:149 Resp: 314

Ion Ratio Lower Upper

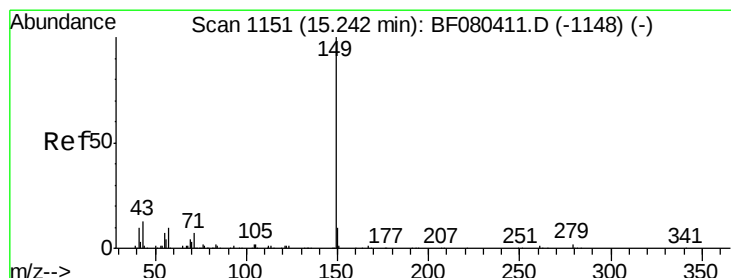
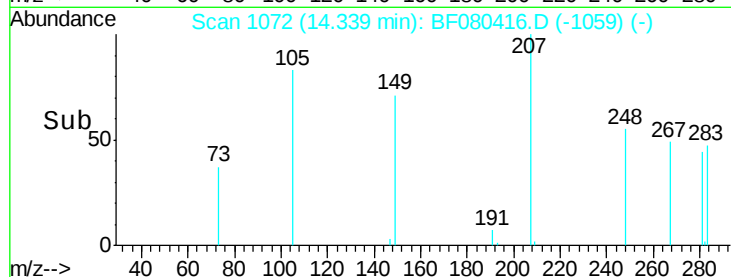
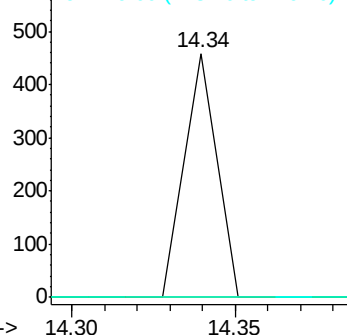
149 100

167 0.0 22.5 33.7#

279 0.0 3.5 5.3#



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: 0.04 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

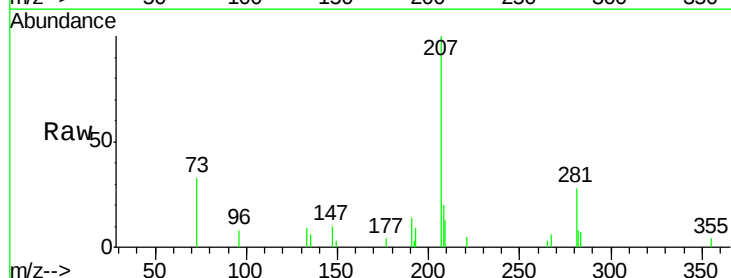
Tgt Ion:149 Resp: 219

Ion Ratio Lower Upper

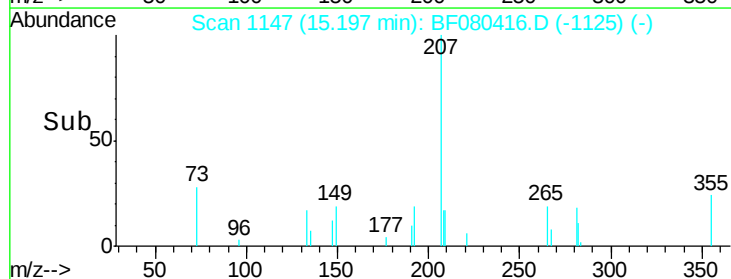
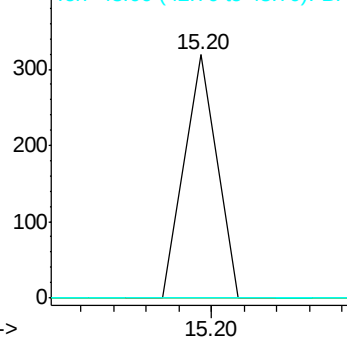
149 100

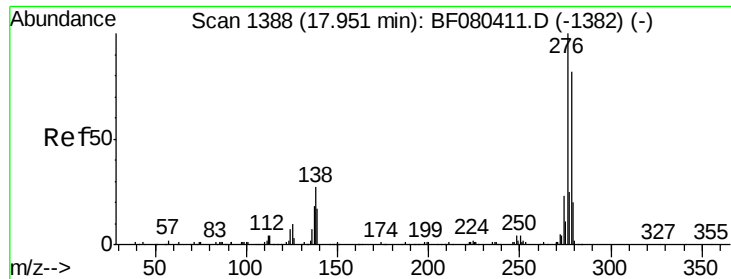
167 0.0 1.2 1.8#

43 0.0 9.0 13.6#



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

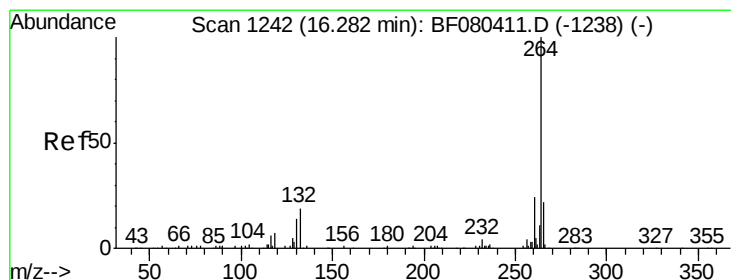
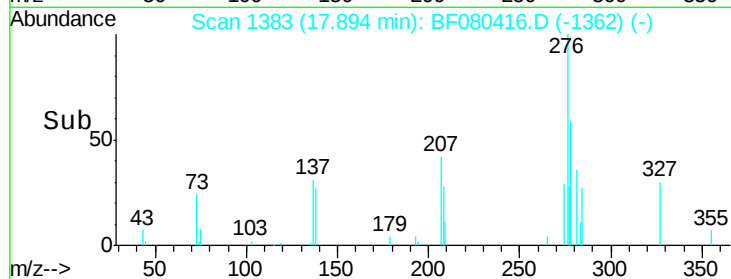
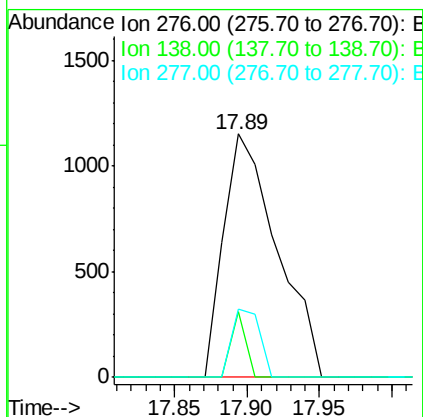
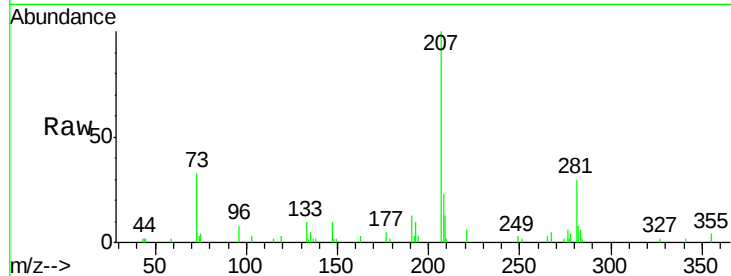




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.47 ng
RT: 17.89 min Scan# 1383
Delta R.T. -0.06 min
Lab File: BF080416.D
Acq: 11 Jul 2015 5:31

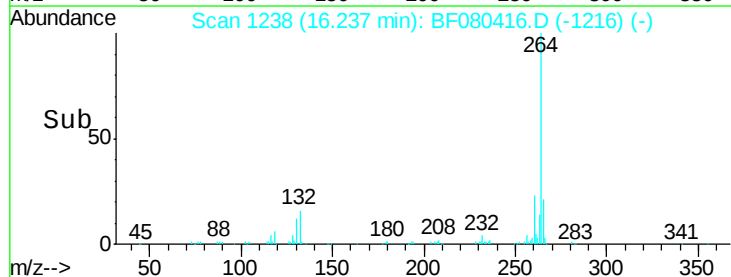
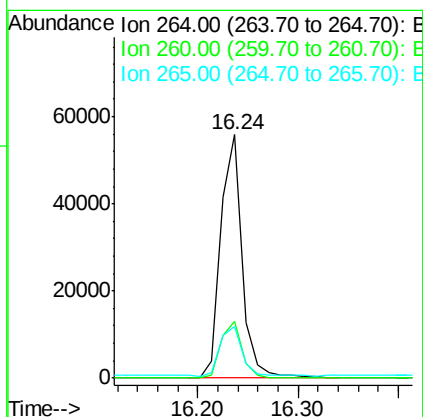
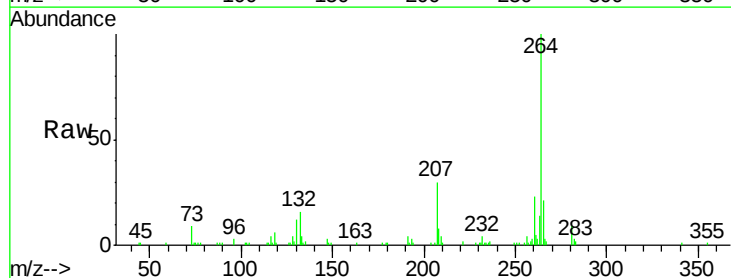
Instrument :
BNA_F
ClientSampleId :
PB84443BL

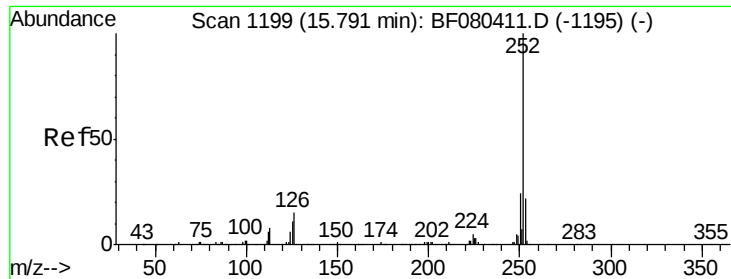
Tgt Ion: 276 Resp: 2941
Ion Ratio Lower Upper
276 100
138 7.2 21.4 32.0#
277 14.5 19.5 29.3#



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1238
Delta R.T. -0.05 min
Lab File: BF080416.D
Acq: 11 Jul 2015 5:31

Tgt Ion: 264 Resp: 82710
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.4 17.8 26.8

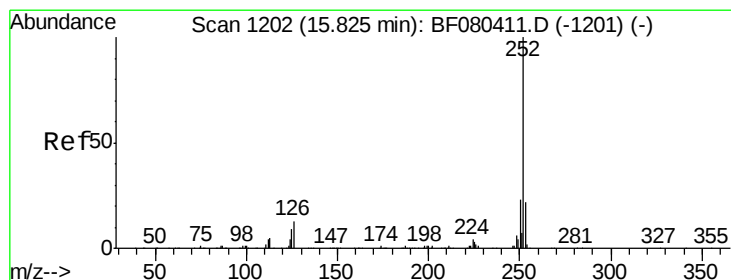
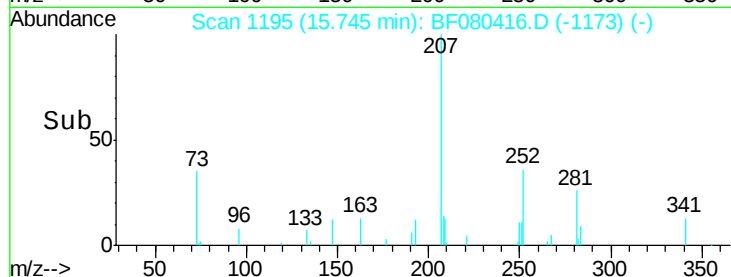
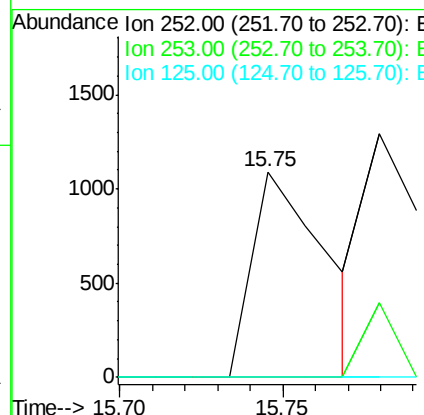
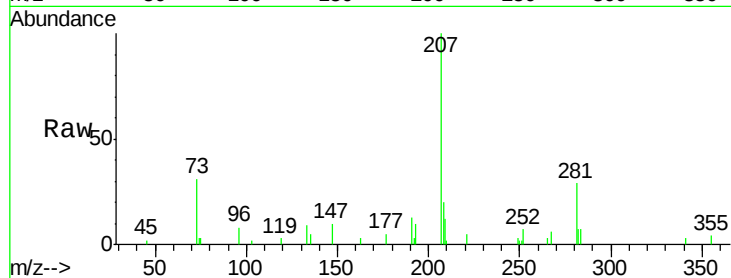




#87
Benzo(b)fluoranthene
Concen: 0.29 ng
RT: 15.75 min Scan# 1195
Delta R.T. -0.05 min
Lab File: BF080416.D
Acq: 11 Jul 2015 5:31

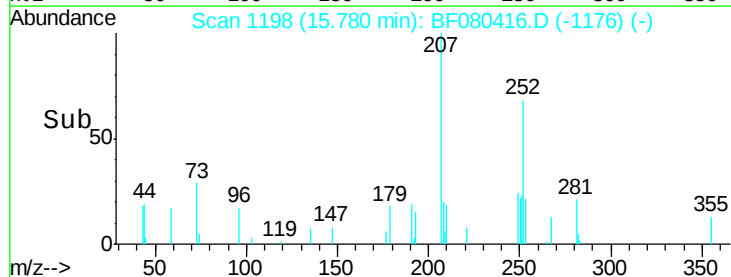
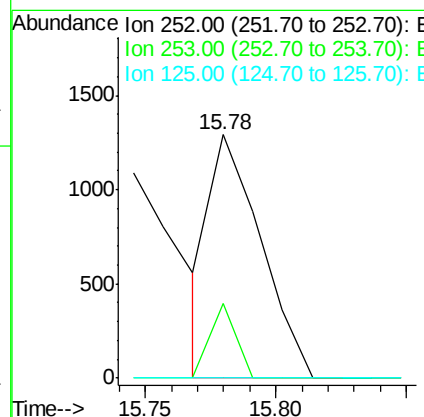
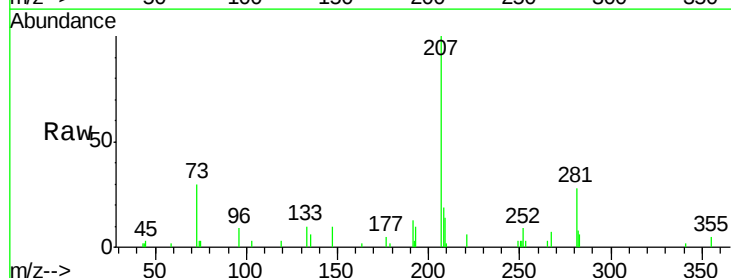
Instrument :
BNA_F
ClientSampleId :
PB84443BL

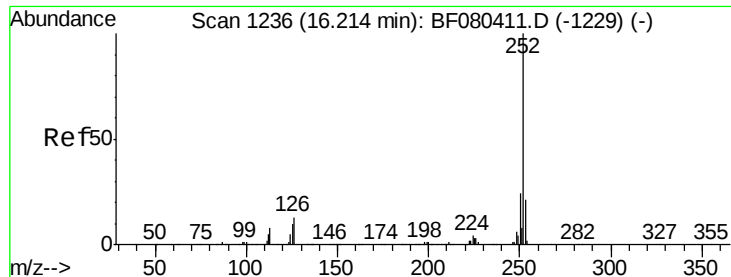
Tgt Ion: 252 Resp: 1681
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 0.0 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 15.78 min Scan# 1198
Delta R.T. -0.05 min
Lab File: BF080416.D
Acq: 11 Jul 2015 5:31

Tgt Ion: 252 Resp: 1744
Ion Ratio Lower Upper
252 100
253 30.9 17.7 26.5#
125 0.0 8.4 12.6#





#89

Benzo(a)pyrene

Concen: 0.42 ng

RT: 16.17 min Scan# 1232

Delta R.T. -0.05 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

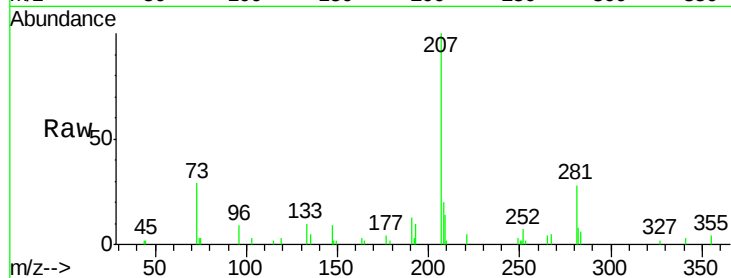
Tgt Ion: 252 Resp: 2091

Ion Ratio Lower Upper

252 100

253 32.2 17.0 25.6#

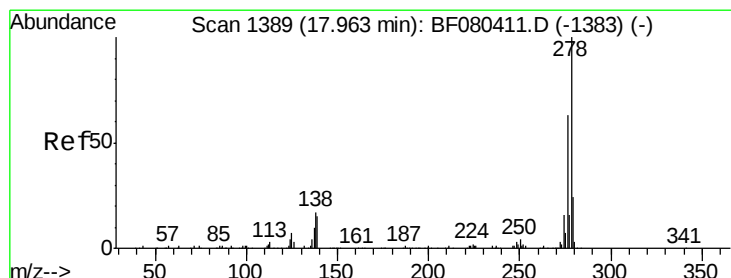
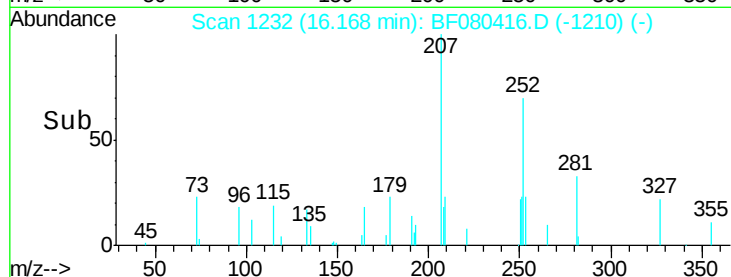
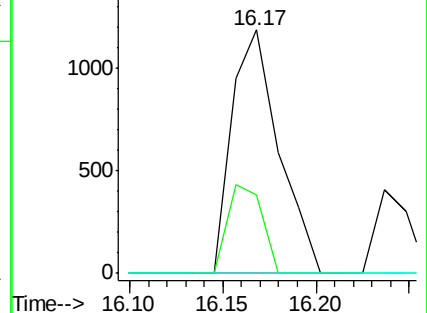
125 0.0 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.50 ng

RT: 17.91 min Scan# 1384

Delta R.T. -0.06 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

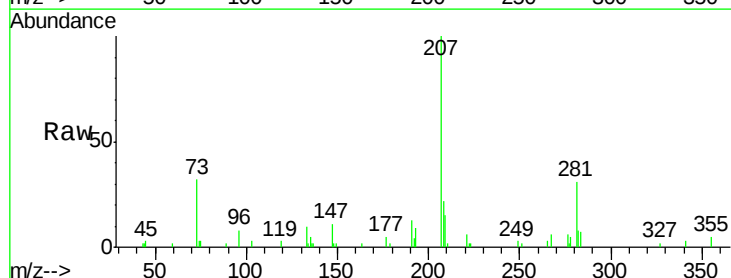
Tgt Ion: 278 Resp: 2510

Ion Ratio Lower Upper

278 100

139 0.0 11.8 17.8#

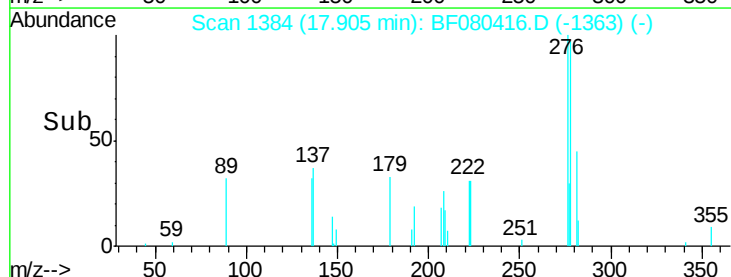
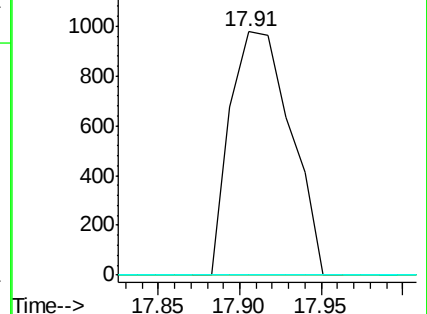
279 0.0 18.8 28.2#

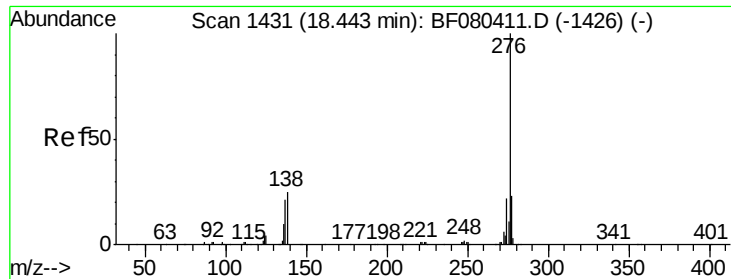


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.45 ng

RT: 18.40 min Scan# 1427

Delta R.T. -0.05 min

Lab File: BF080416.D

Acq: 11 Jul 2015 5:31

Instrument :

BNA_F

ClientSampleId :

PB84443BL

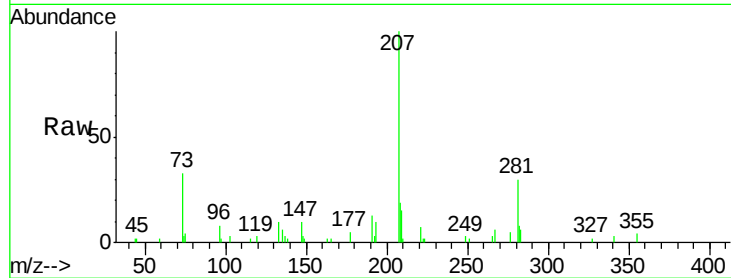
Tgt Ion: 276 Resp: 2221

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.4#

138 35.6 20.3 30.5#



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

