

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086401.D
 Acq On : 23 Apr 2016 20:24
 Operator : UM/SJ
 Sample : H2640-19
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B8(0-7)-C

Quant Time: Apr 25 00:56:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

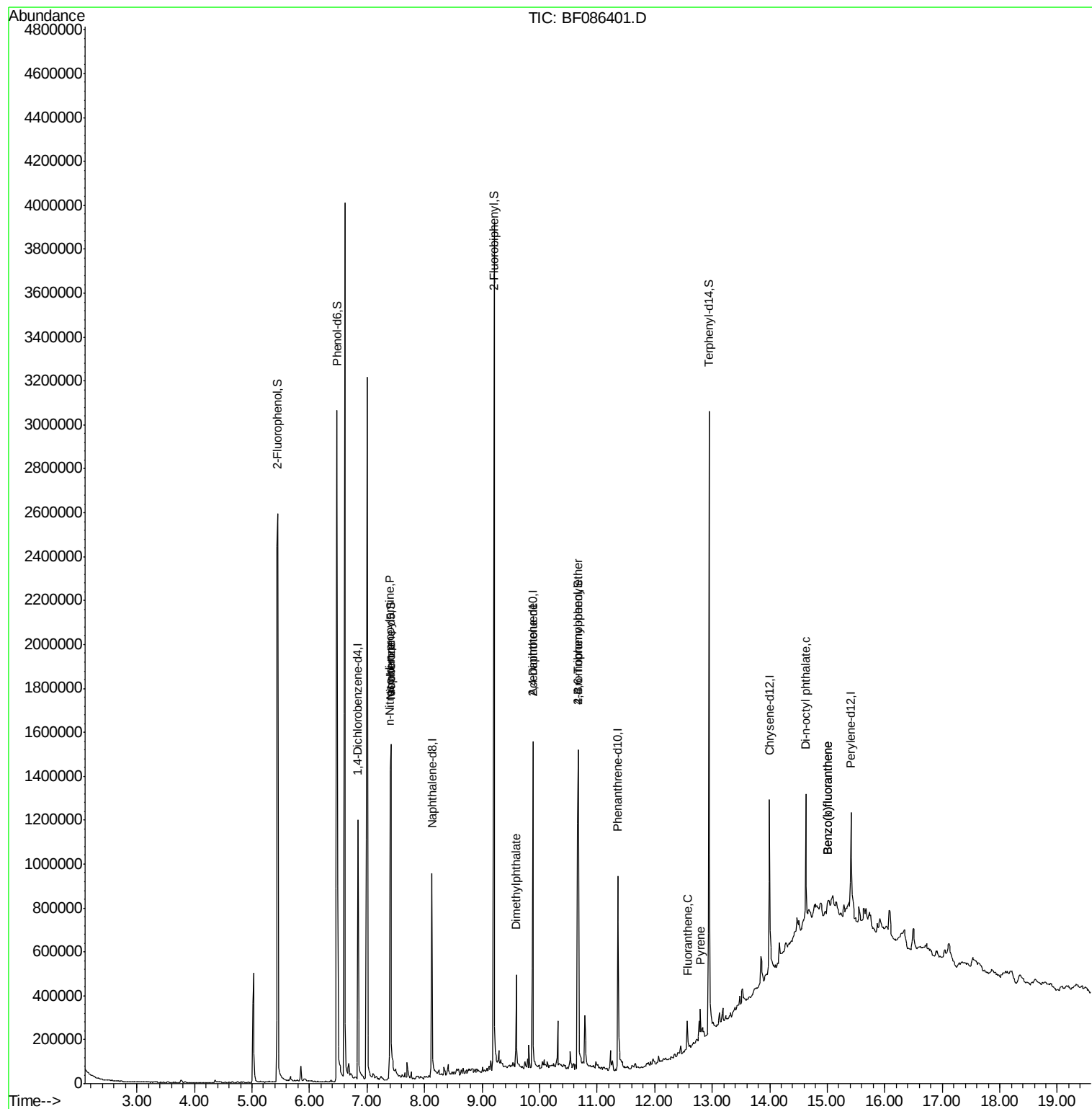
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	192330	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	730780	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	315837	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	526280	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	369818	20.00	ng	0.00
86) Perylene-d12	15.41	264	267212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1175394	105.54	ng	0.02
7) Phenol-d6	6.48	99	1372182	90.63	ng	0.00
23) Nitrobenzene-d5	7.41	82	888019	71.98	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	262807	91.92	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1477575	79.83	ng	0.00
78) Terphenyl-d14	12.95	244	1021951	68.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	116943	12.92	ng	# 82
25) Isophorone	7.41	82	809536	33.48	ng	# 68
49) Dimethylphthalate	9.60	163	158622	6.95	ng	99
56) 2,4-Dinitrotoluene	9.88	165	42847	6.55	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	15748	3.06	ng	# 1
74) Fluoranthene	12.57	202	59834	2.10	ng	98
77) Pyrene	12.80	202	60681	2.35	ng	97
84) Di-n-octyl phthalate	14.63	149	55101	2.13	ng	# 15
87) Benzo(b)fluoranthene	15.01	252	35924	2.45	ng	# 45
88) Benzo(k)fluoranthene	15.01	252	35924	2.50	ng	# 43

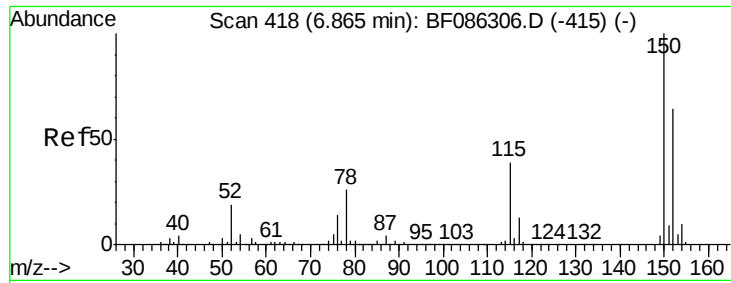
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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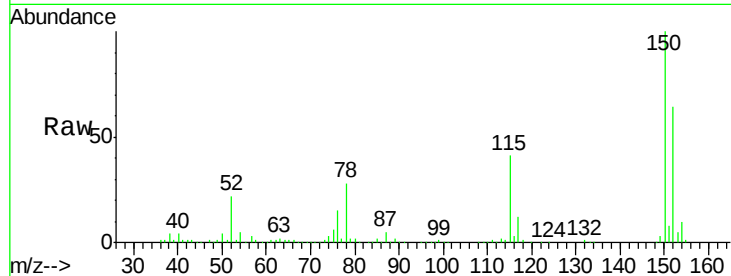




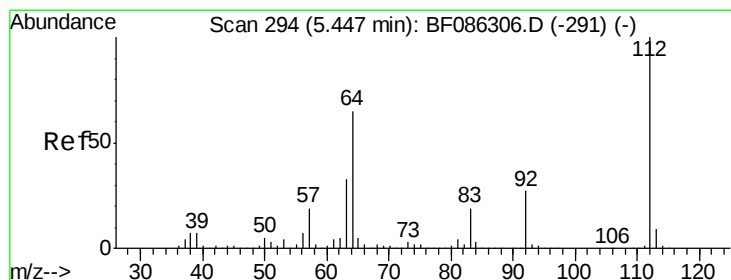
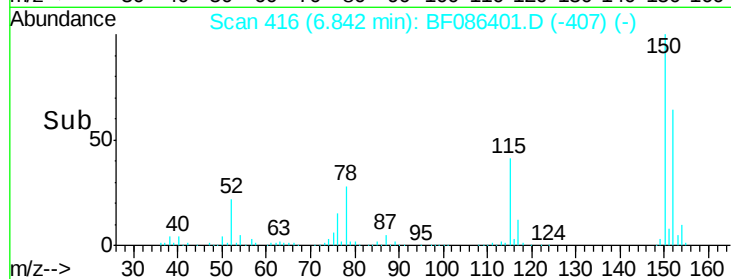
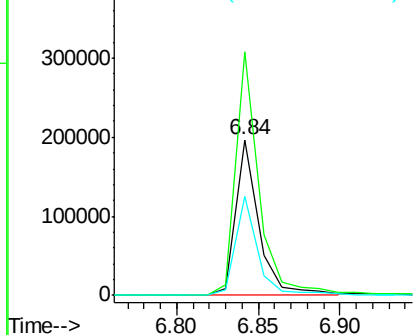
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF086401.D
 Acq: 23 Apr 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B8(0-7)-C

Tgt Ion:152 Resp: 192330
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.8 188.6
 115 63.8 51.5 77.3

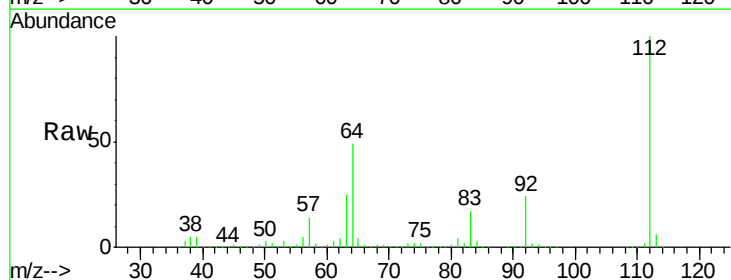


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

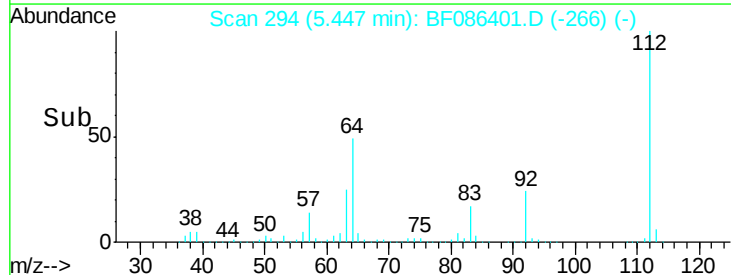
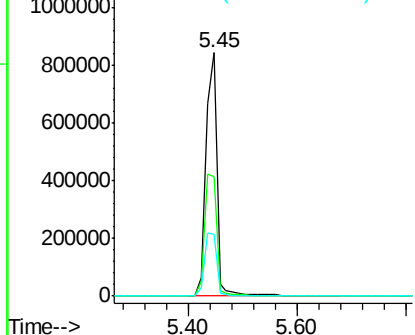


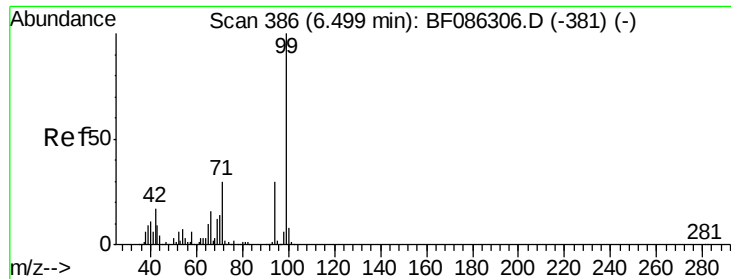
#5
 2-Fluorophenol
 Concen: 105.54 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.02 min
 Lab File: BF086401.D
 Acq: 23 Apr 2016 20:24

Tgt Ion:112 Resp: 1175394
 Ion Ratio Lower Upper
 112 100
 64 48.9 52.1 78.1#
 63 25.2 25.7 38.5#



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: 90.63 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WPG-B8(0-7)-C

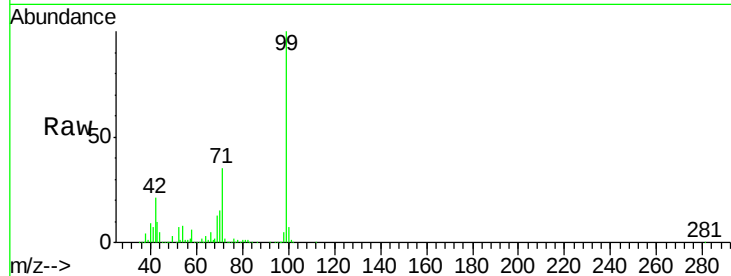
Tgt Ion: 99 Resp: 1372182

Ion Ratio Lower Upper

99 100

42 21.0 13.6 20.4#

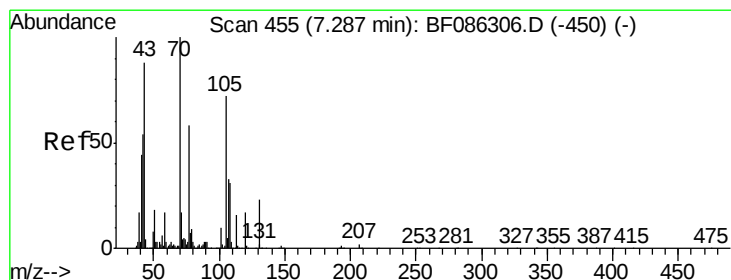
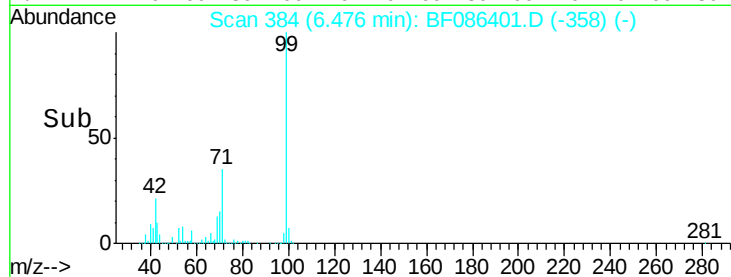
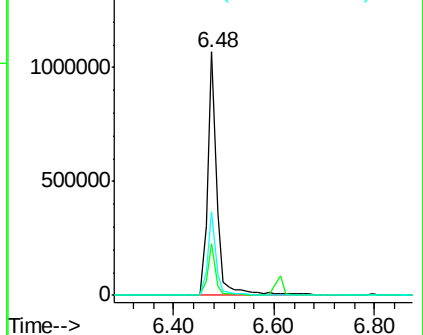
71 34.5 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.92 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.14 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Tgt Ion: 70 Resp: 116943

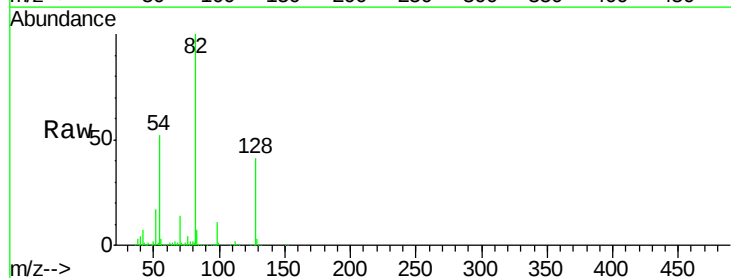
Ion Ratio Lower Upper

70 100

42 49.8 43.1 64.7

101 0.0 8.1 12.1#

130 2.1 18.6 28.0#

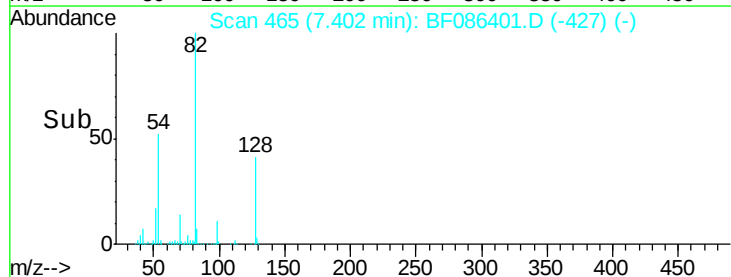
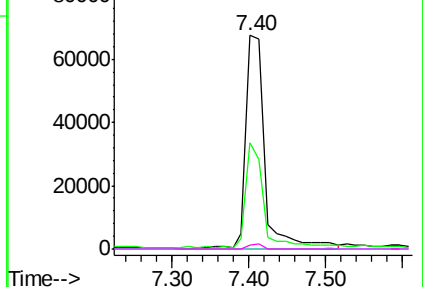


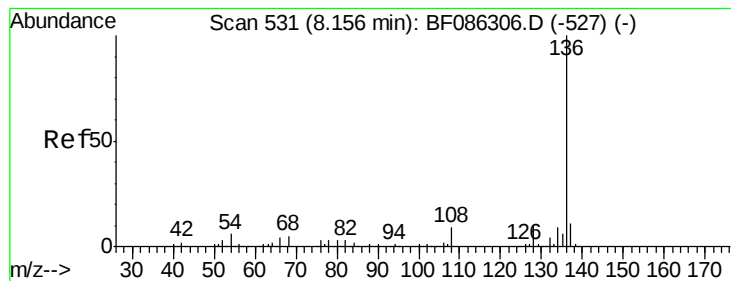
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WPG-B8(0-7)-C

Tgt Ion:136 Resp: 730780

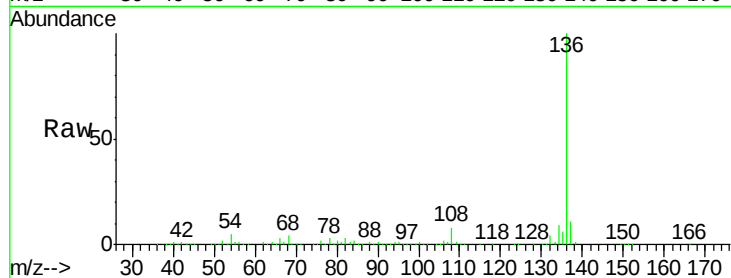
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 4.9 5.0 7.4#

68 4.5 4.4 6.6

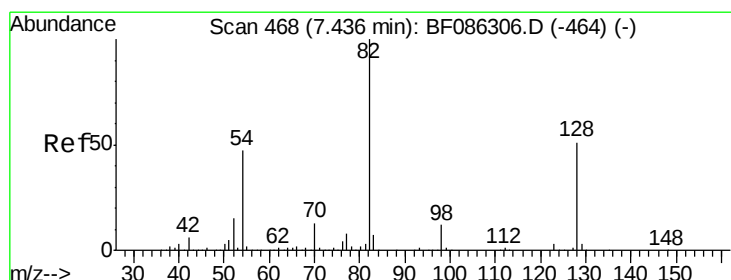
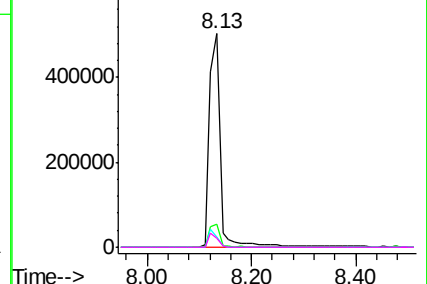
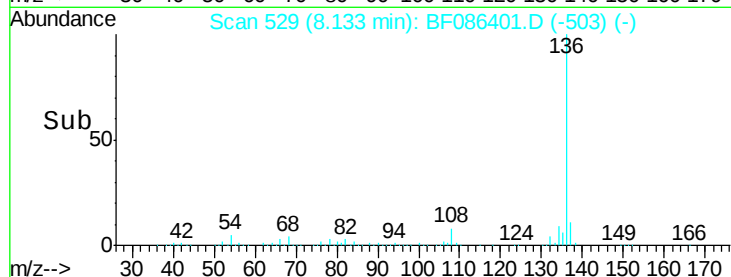


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.98 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

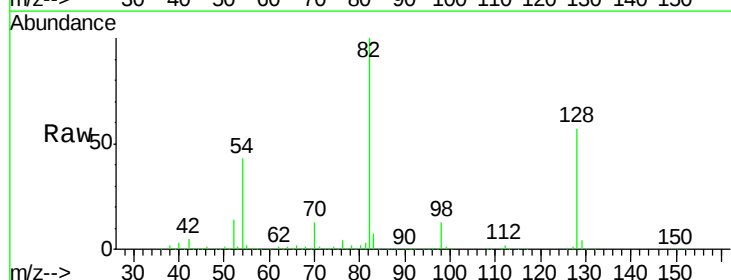
Tgt Ion: 82 Resp: 888019

Ion Ratio Lower Upper

82 100

128 57.0 40.6 61.0

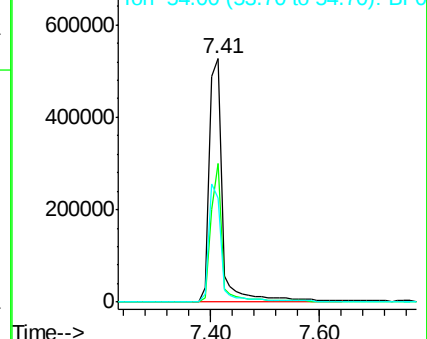
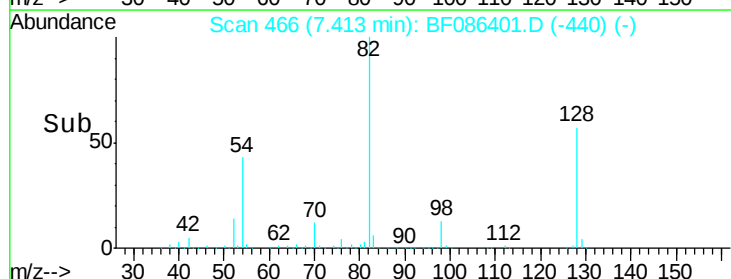
54 42.9 38.1 57.1

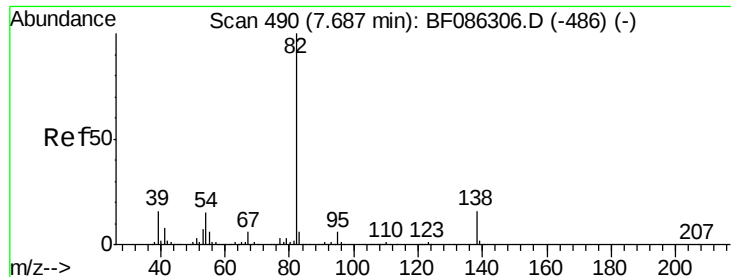


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.48 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.25 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WPG-B8(0-7)-C

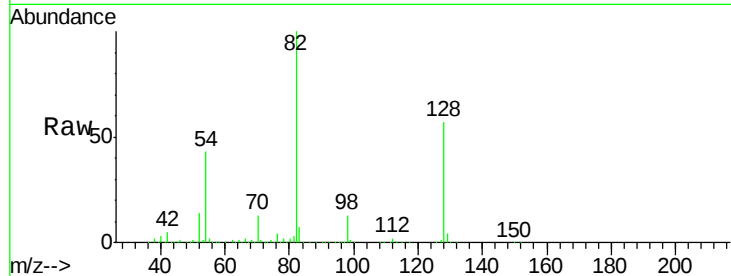
Tgt Ion: 82 Resp: 809536

Ion Ratio Lower Upper

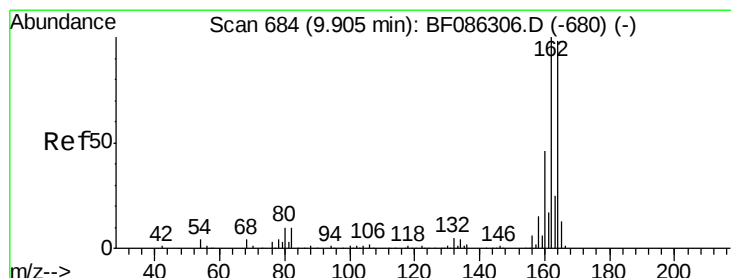
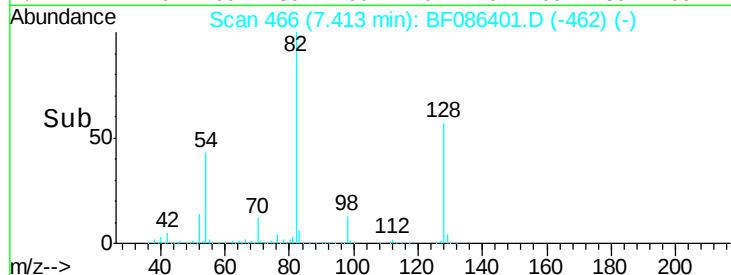
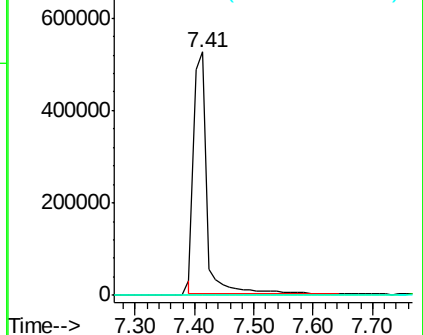
82 100

95 0.1 5.1 7.7#

138 0.0 12.4 18.6#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

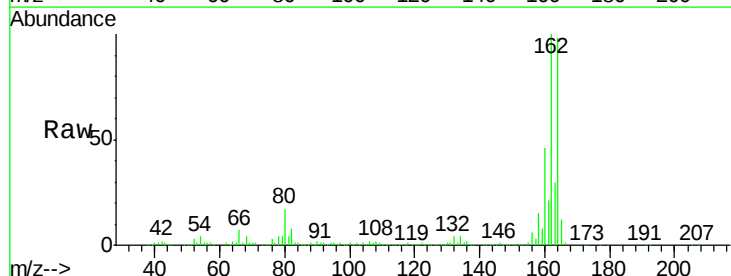
Tgt Ion: 164 Resp: 315837

Ion Ratio Lower Upper

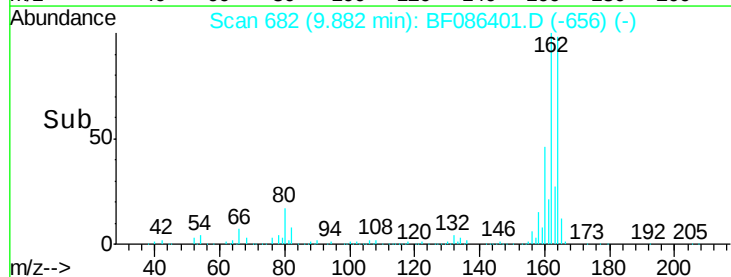
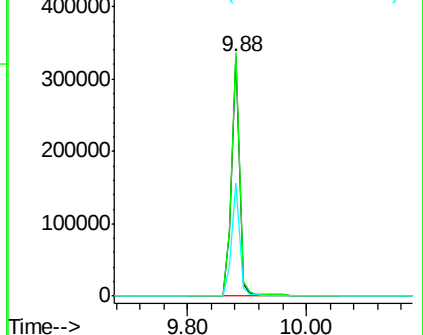
164 100

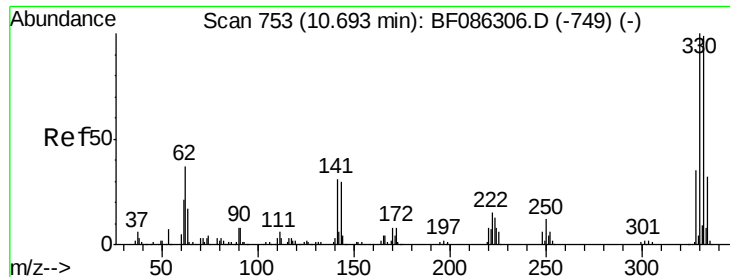
162 101.6 82.8 124.2

160 47.2 36.9 55.3



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

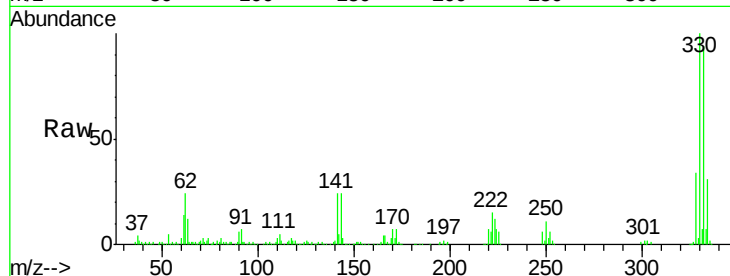




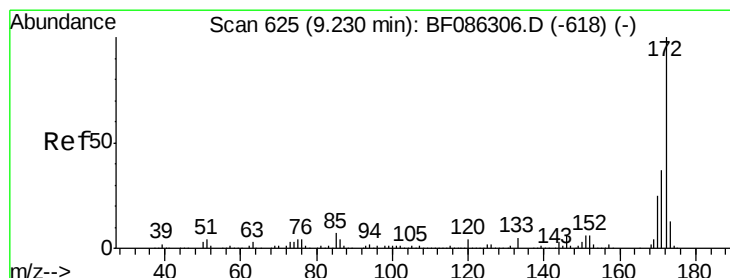
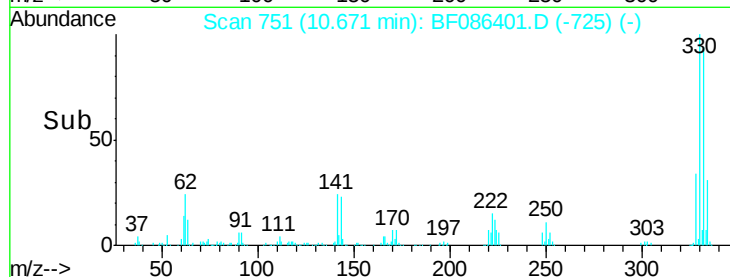
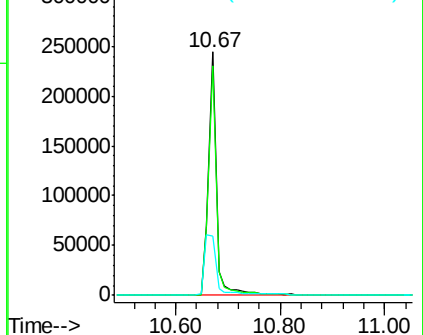
#41
 2,4,6-Tribromophenol
 Concen: 91.92 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086401.D
 Acq: 23 Apr 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B8(0-7)-C

Tgt Ion:330 Resp: 262807
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 35.8 31.2 46.8

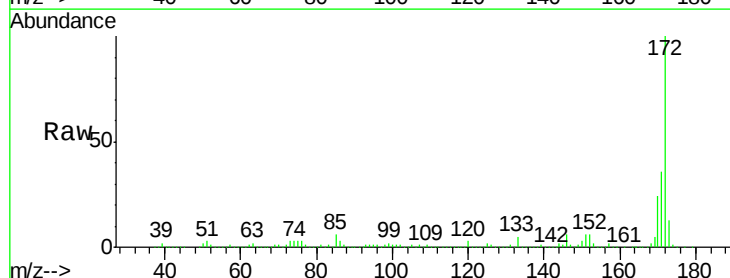


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

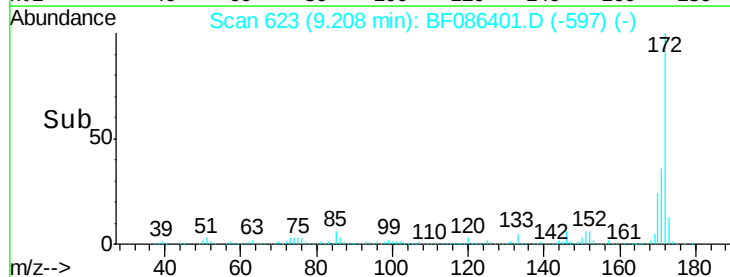
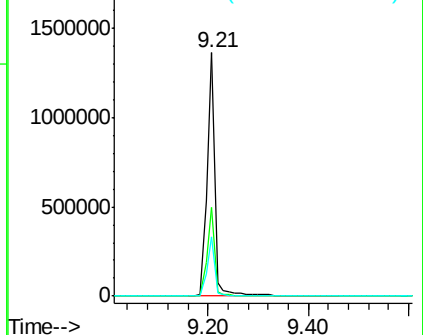


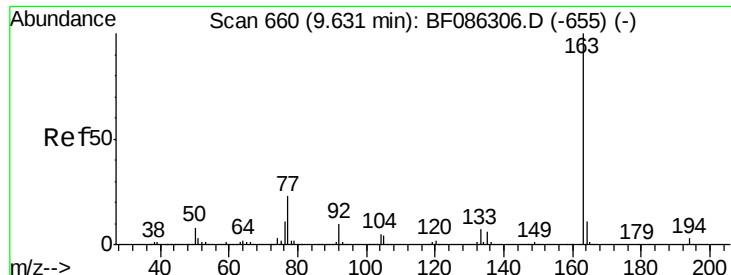
#44
 2-Fluorobiphenyl
 Concen: 79.83 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086401.D
 Acq: 23 Apr 2016 20:24

Tgt Ion:172 Resp: 1477575
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.3 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.95 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WPG-B8(0-7)-C

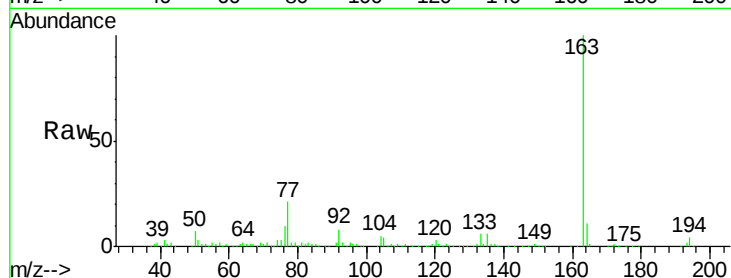
Tgt Ion:163 Resp: 158622

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

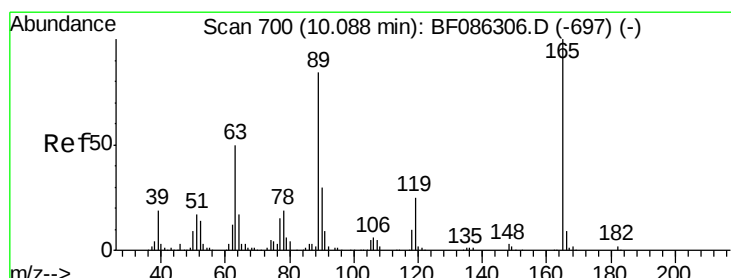
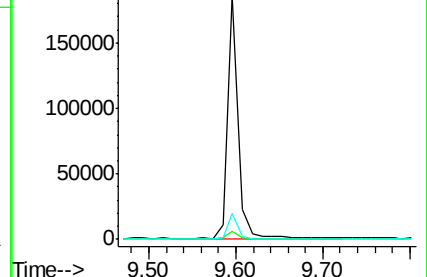
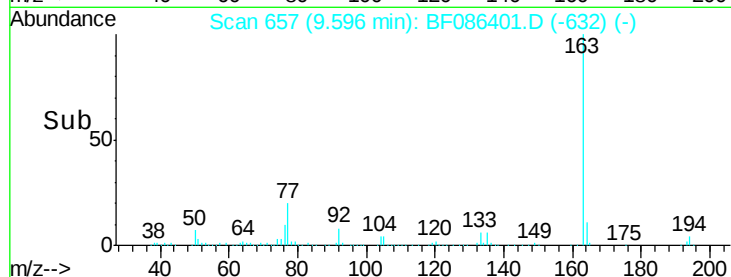
164 10.8 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.55 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.18 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Tgt Ion:165 Resp: 42847

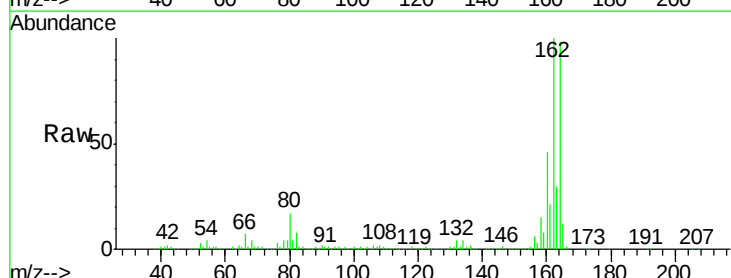
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

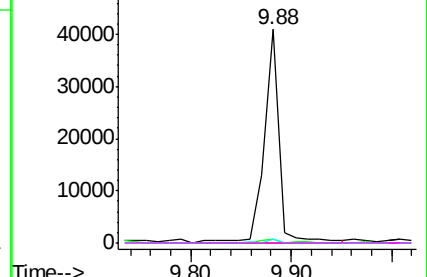
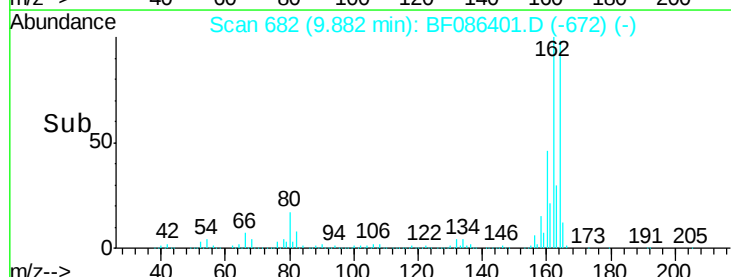


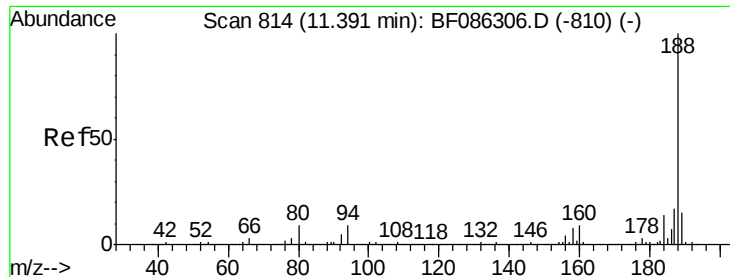
Abundance Ion 165.00 (164.70 to 165.70): E

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

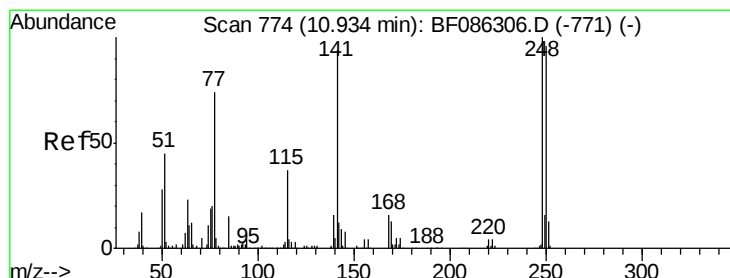
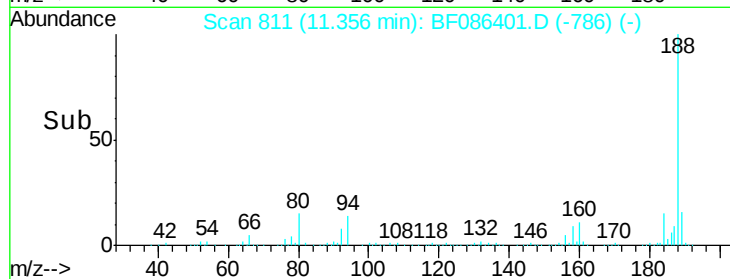
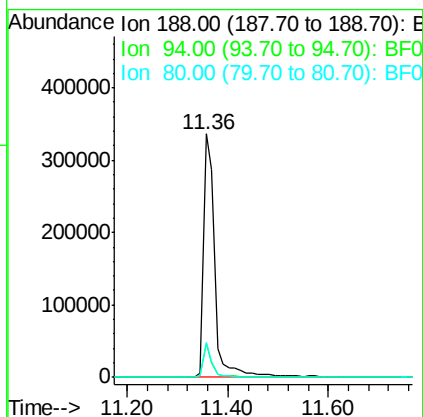
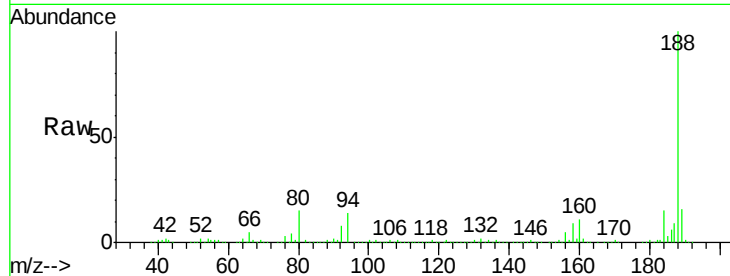




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086401.D
 Acq: 23 Apr 2016 20:24

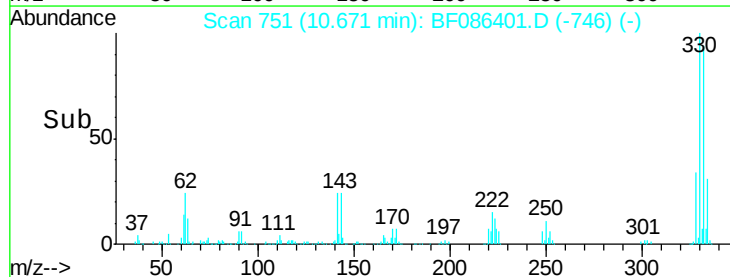
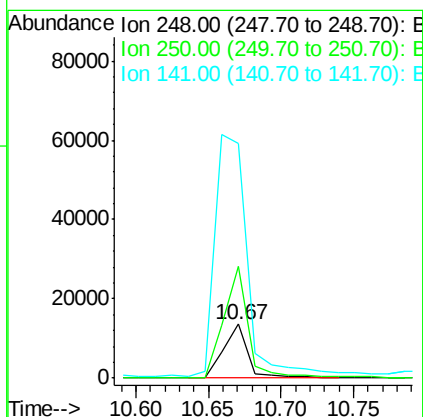
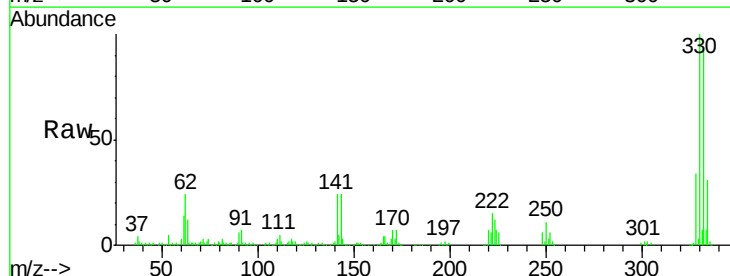
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B8(0-7)-C

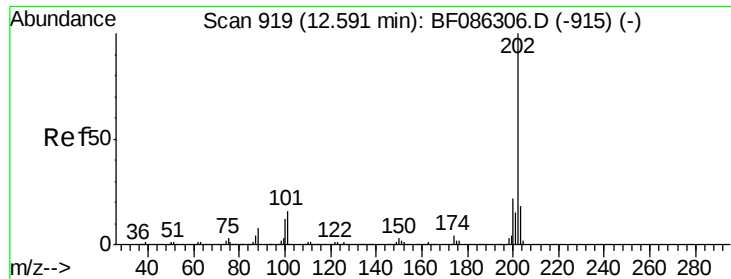
Tgt Ion:188 Resp: 526280
 Ion Ratio Lower Upper
 188 100
 94 13.9 6.8 10.2#
 80 14.6 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.06 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.24 min
 Lab File: BF086401.D
 Acq: 23 Apr 2016 20:24

Tgt Ion:248 Resp: 15748
 Ion Ratio Lower Upper
 248 100
 250 207.0 78.6 117.8#
 141 437.5 76.0 114.0#





#74

Fluoranthene

Concen: 2.10 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WPG-B8(0-7)-C

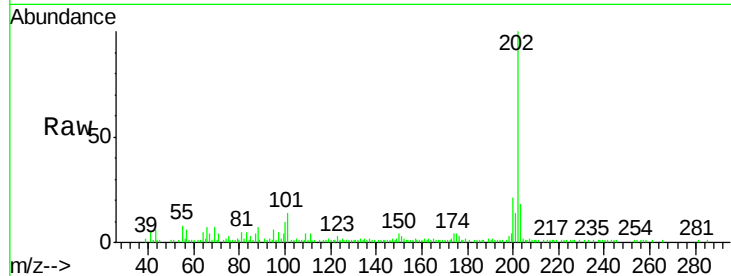
Tgt Ion:202 Resp: 59834

Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.4

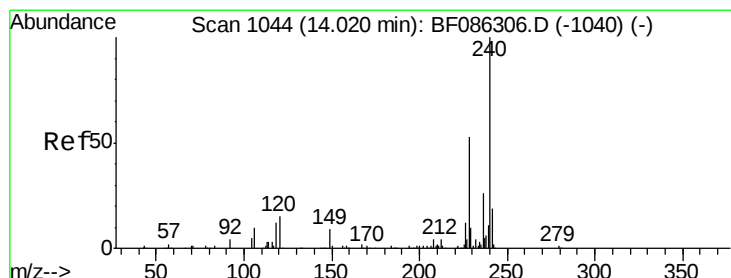
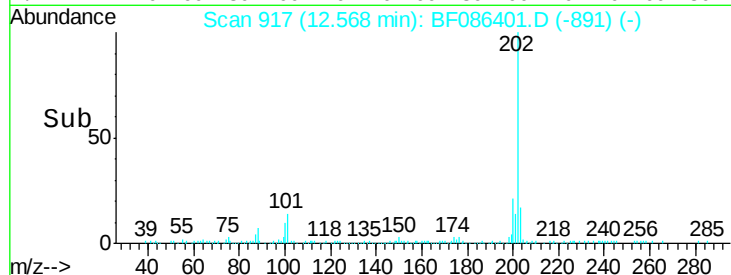
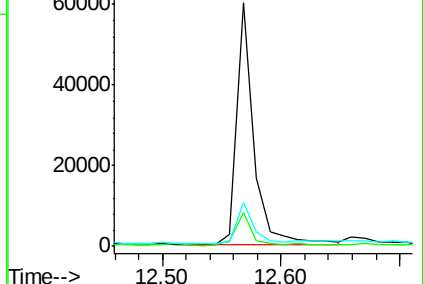
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

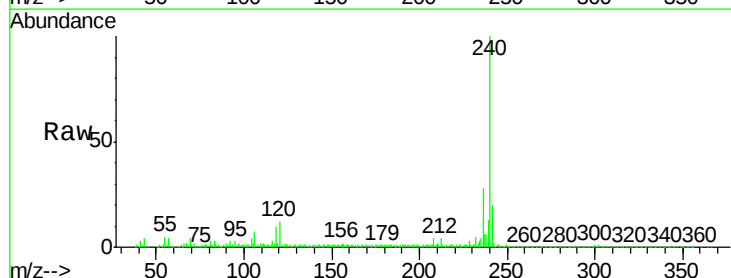
Tgt Ion:240 Resp: 369818

Ion Ratio Lower Upper

240 100

120 11.5 11.2 16.8

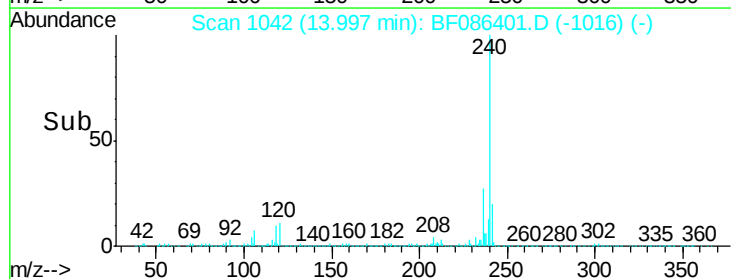
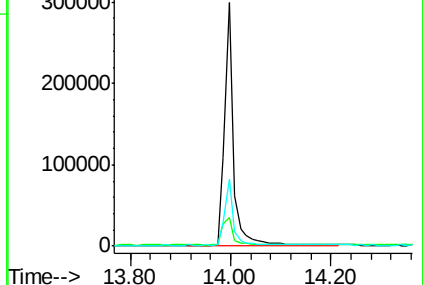
236 27.7 21.2 31.8

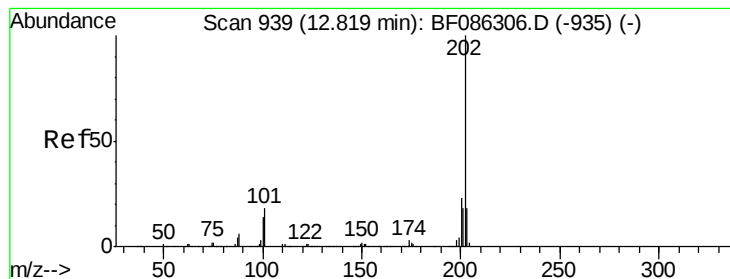


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.35 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WPG-B8(0-7)-C

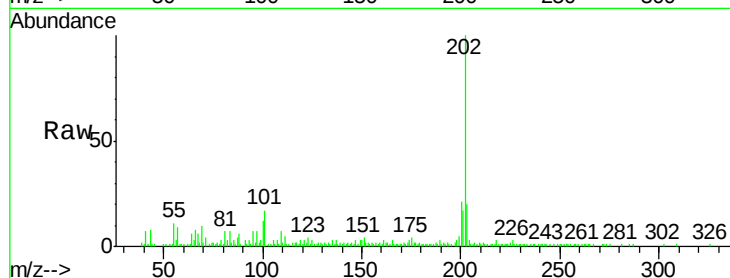
Tgt Ion:202 Resp: 60681

Ion Ratio Lower Upper

202 100

200 20.9 17.7 26.5

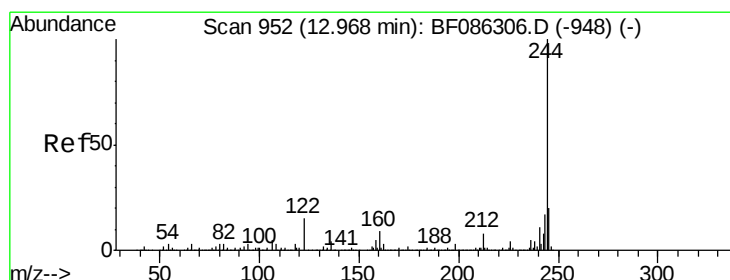
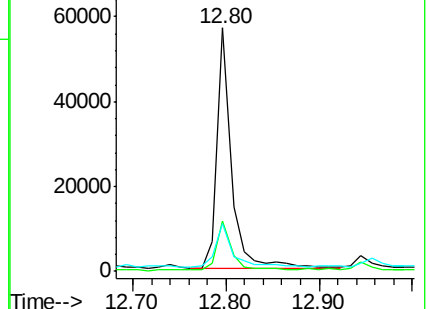
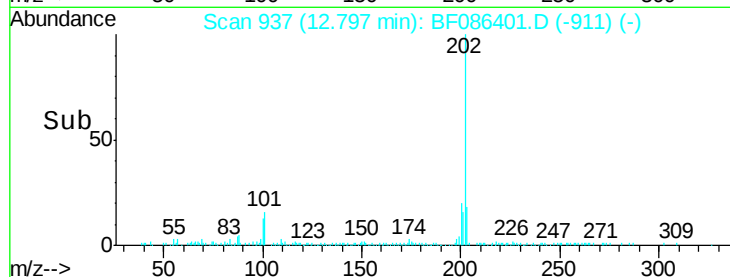
203 19.7 14.2 21.4



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: 68.66 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

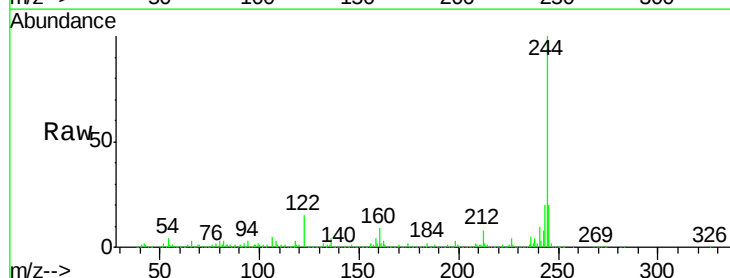
Tgt Ion:244 Resp: 1021951

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

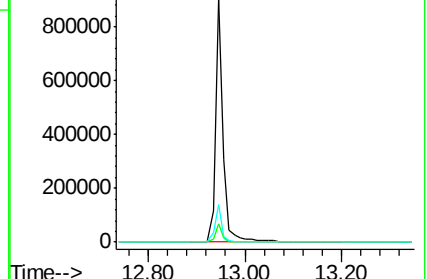
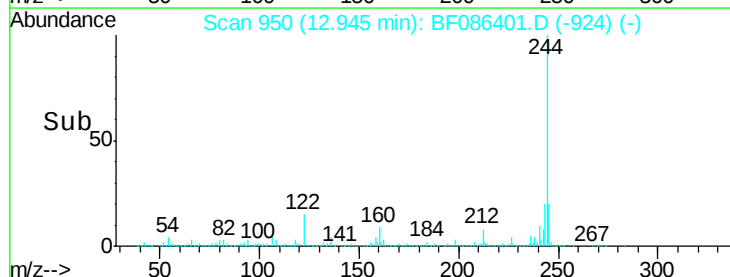
122 15.4 12.0 18.0

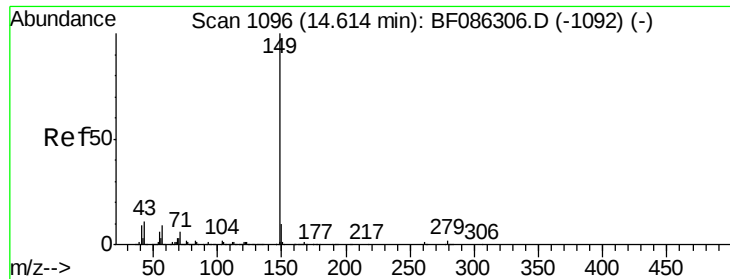


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 2.13 ng

RT: 14.63 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

Instrument :

BNA_F

ClientSampleId :

WPG-B8(0-7)-C

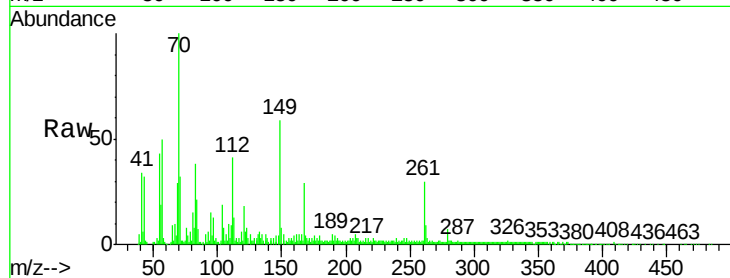
Tgt Ion:149 Resp: 55101

Ion Ratio Lower Upper

149 100

167 48.9 1.2 1.8#

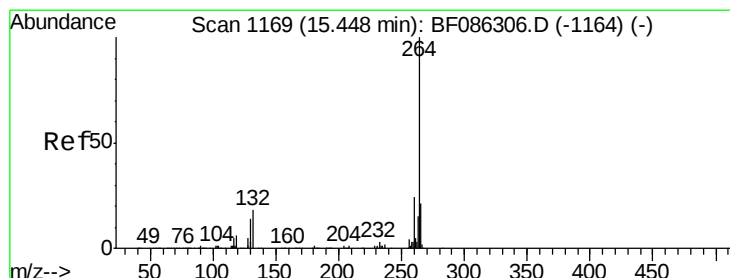
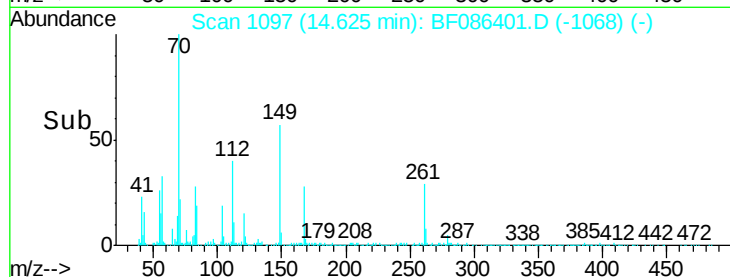
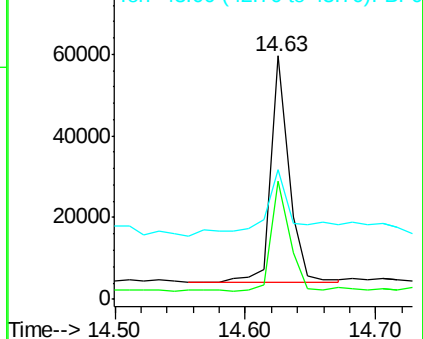
43 39.7 8.2 12.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF086401.D

Acq: 23 Apr 2016 20:24

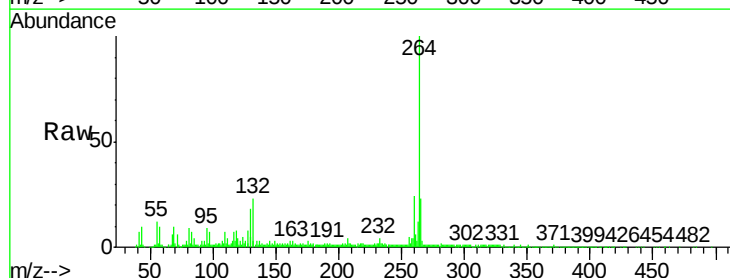
Tgt Ion:264 Resp: 267212

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

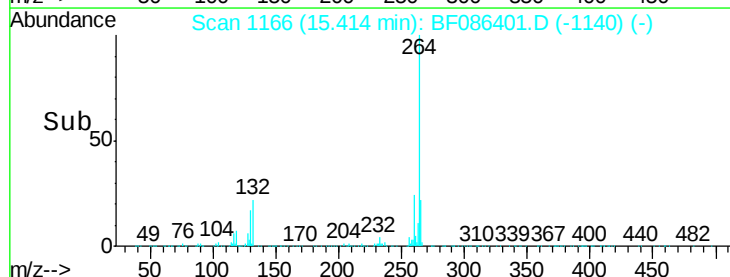
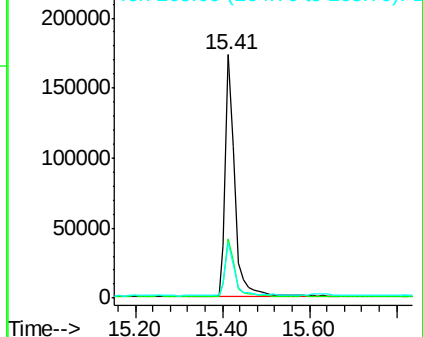
265 23.0 17.3 25.9

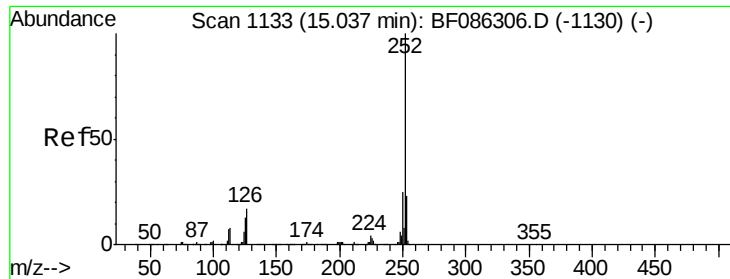


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

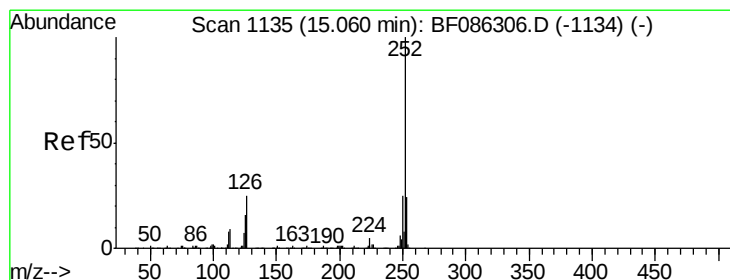
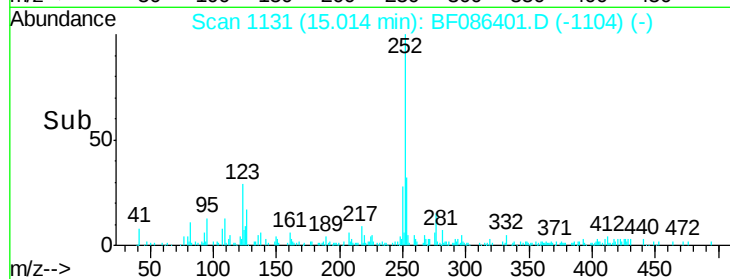
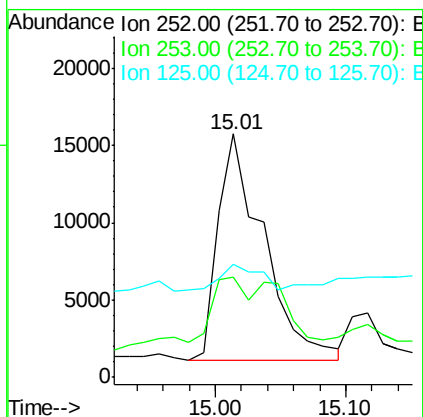
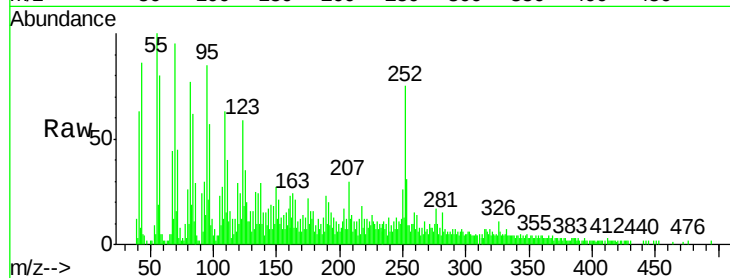




#87
Benzo(b)fluoranthene
Concen: 2.45 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF086401.D
Acq: 23 Apr 2016 20:24

Instrument :
BNA_F
ClientSampleId :
WPG-B8(0-7)-C

Tgt Ion:252 Resp: 35924
Ion Ratio Lower Upper
252 100
253 41.2 17.8 26.6#
125 46.7 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 2.50 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF086401.D
Acq: 23 Apr 2016 20:24

Tgt Ion:252 Resp: 35924
Ion Ratio Lower Upper
252 100
253 41.2 17.8 26.6#
125 46.7 9.1 13.7#

