

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090324.D
 Acq On : 30 Sep 2016 20:49
 Operator : UM/SJ
 Sample : H5023-05 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-B-1-09272016

Quant Time: Sep 30 22:59:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

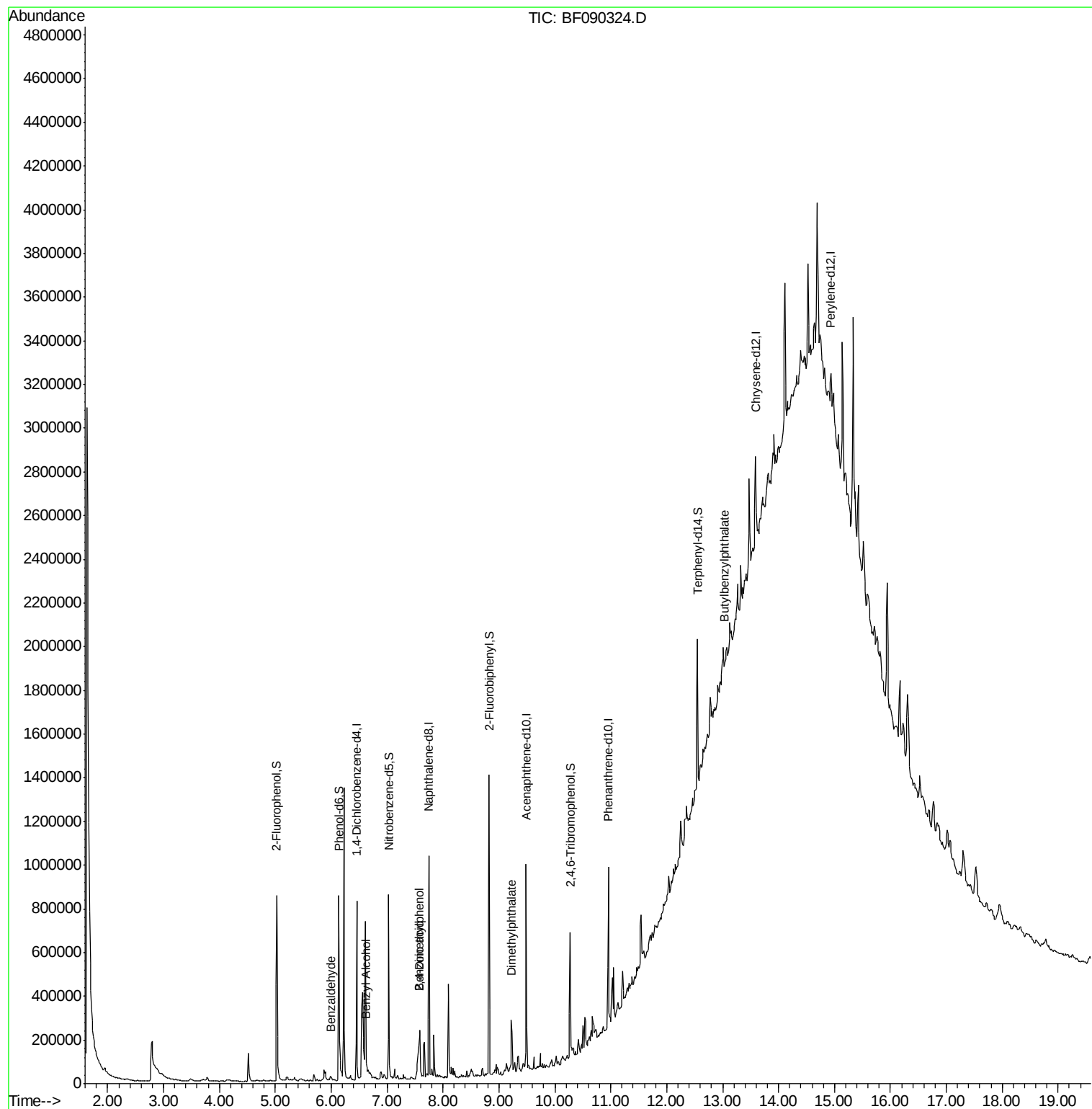
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	128061	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	463386	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	193981	20.00	ng	-0.02
63) Phenanthrene-d10	10.96	188	272321	20.00	ng	-0.02
75) Chrysene-d12	13.59	240	209136	20.00	ng	-0.01
86) Perylene-d12	14.94	264	137575	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	370165	47.12	ng	0.00
7) Phenol-d6	6.14	99	481425	49.62	ng	0.00
23) Nitrobenzene-d5	7.03	82	274099	34.29	ng	-0.03
41) 2,4,6-Tribromophenol	10.27	330	75681	45.48	ng	-0.02
44) 2-Fluorobiphenyl	8.82	172	421213	42.63	ng	-0.03
78) Terphenyl-d14	12.55	244	277887	33.73	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.00	77	11353	2.68	ng	97
15) Benzyl Alcohol	6.63	79	11731	2.03	ng	97
27) 2,4-Dimethylphenol	7.58	122	105161	14.43	ng	# 7
32) Benzoic acid	7.58	122	118124	23.61	ng	94
49) Dimethylphthalate	9.22	163	116868	9.46	ng	# 98
79) Butylbenzylphthalate	13.03	149	19601	2.80	ng	# 52

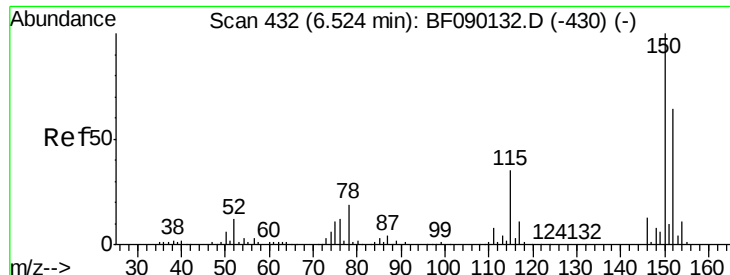
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-1-09272016

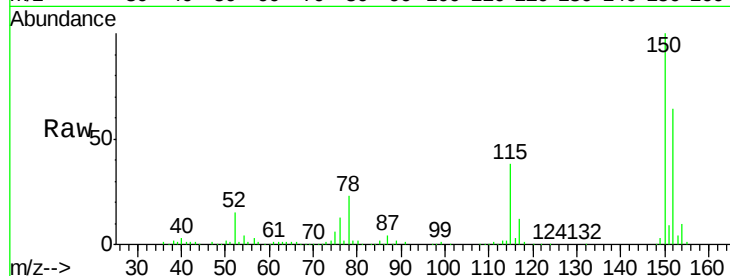
Tgt Ion:152 Resp: 128061

Ion Ratio Lower Upper

152 100

150 155.5 128.9 193.3

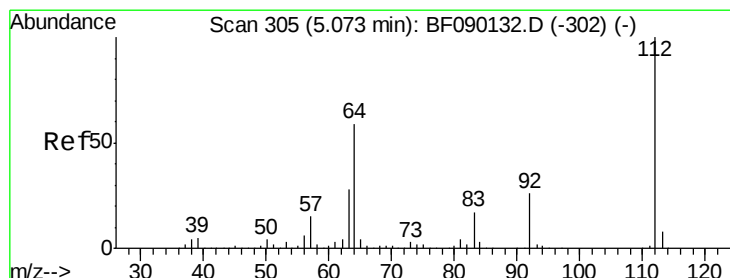
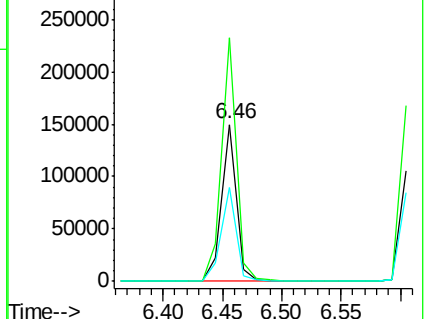
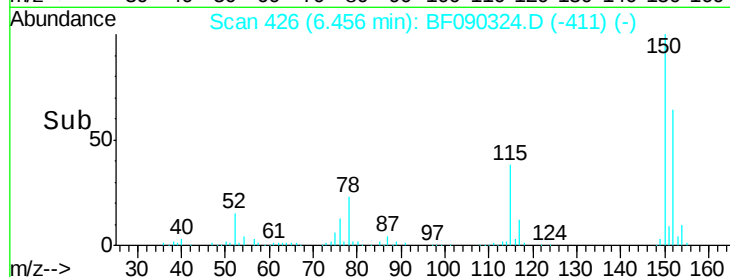
115 59.8 55.5 83.3



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: 47.12 ng

RT: 5.03 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

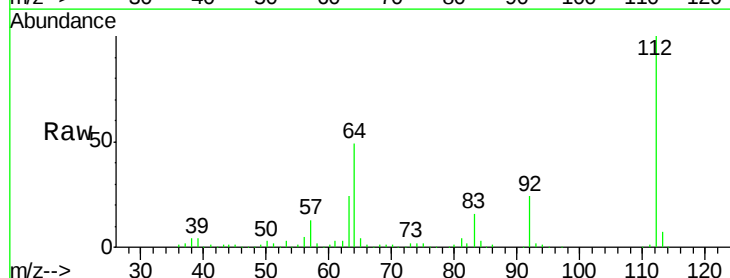
Tgt Ion:112 Resp: 370165

Ion Ratio Lower Upper

112 100

64 48.6 39.8 59.6

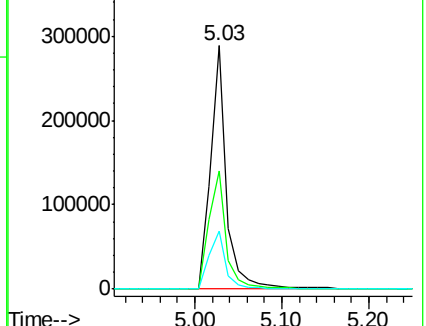
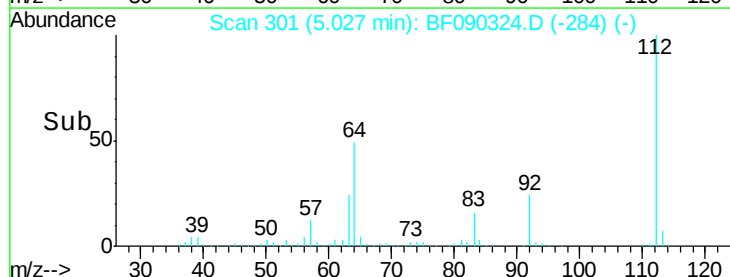
63 23.8 18.9 28.3



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: 49.62 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-1-09272016

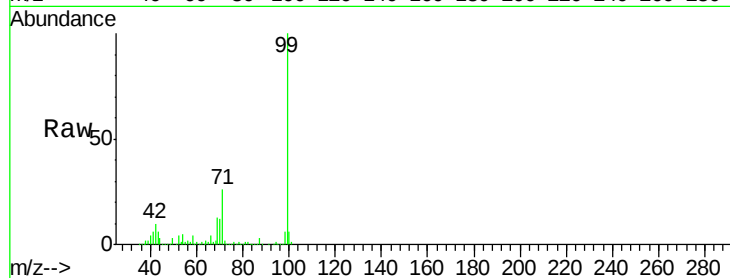
Tgt Ion: 99 Resp: 481425

Ion Ratio Lower Upper

99 100

42 10.4 10.6 15.8#

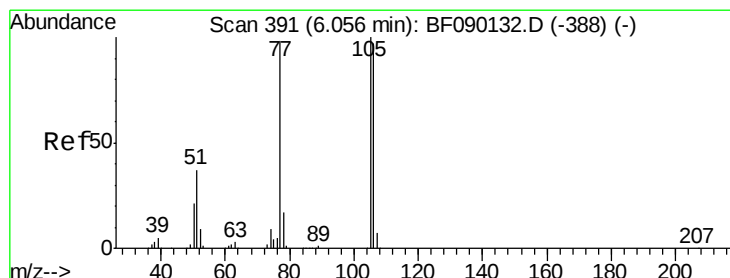
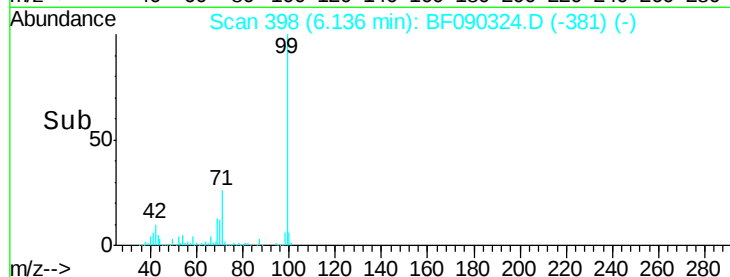
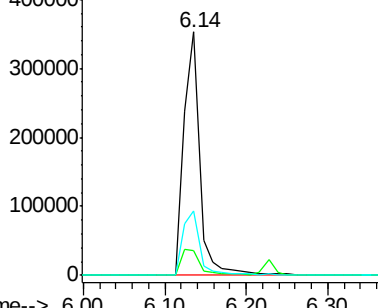
71 26.2 23.0 34.6



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: 2.68 ng

RT: 6.00 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

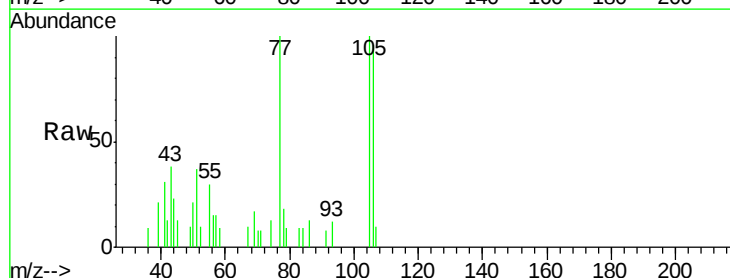
Tgt Ion: 77 Resp: 11353

Ion Ratio Lower Upper

77 100

105 99.7 83.0 123.0

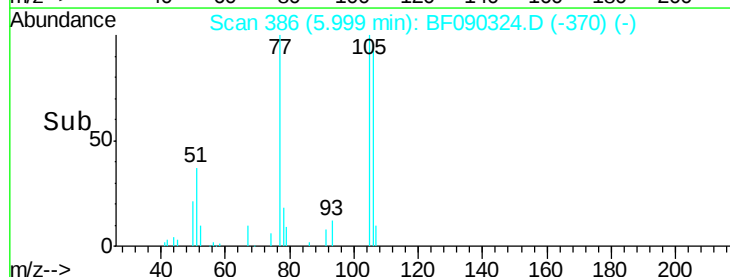
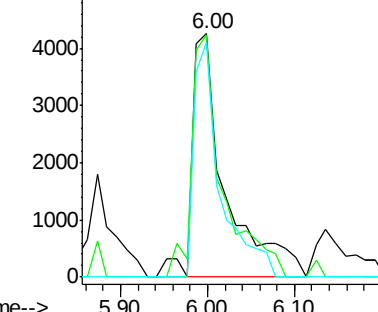
106 96.2 78.5 118.5

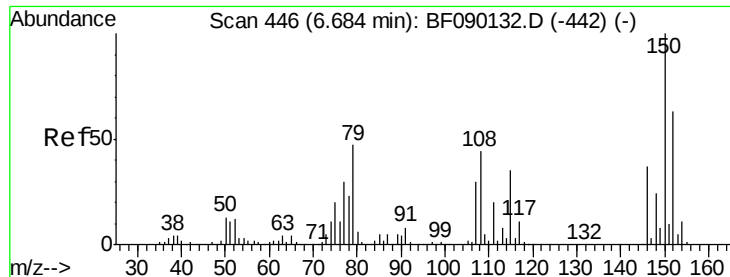


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

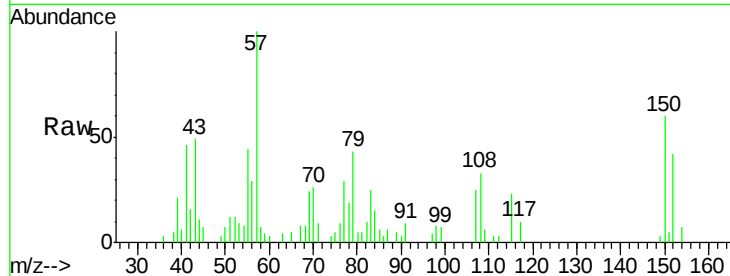




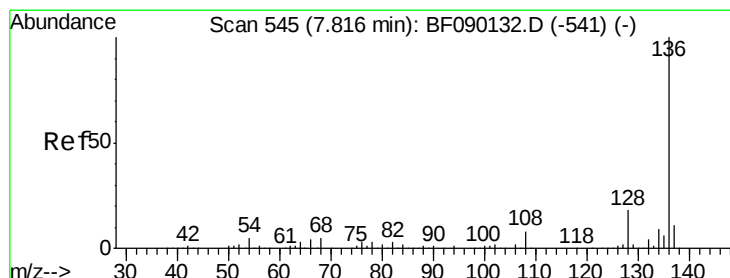
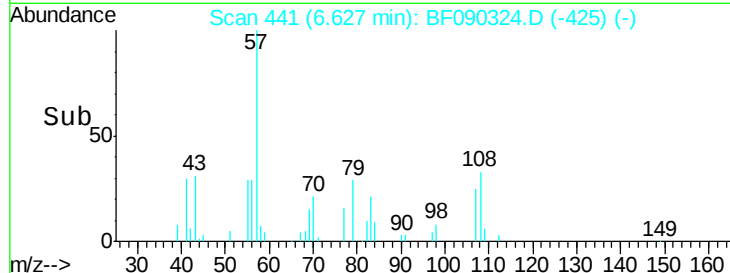
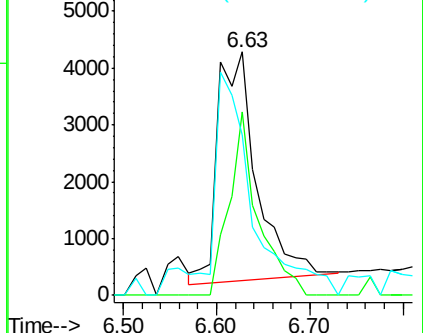
#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF090324.D
Acq: 30 Sep 2016 20:49

Instrument :
BNA_F
ClientSampleId :
WC-AREA-B-1-09272016

Tgt Ion: 79 Resp: 11731
Ion Ratio Lower Upper
79 100
108 75.1 62.2 93.4
77 66.0 51.4 77.0

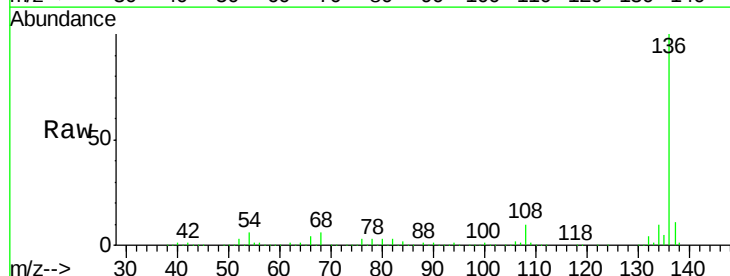


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

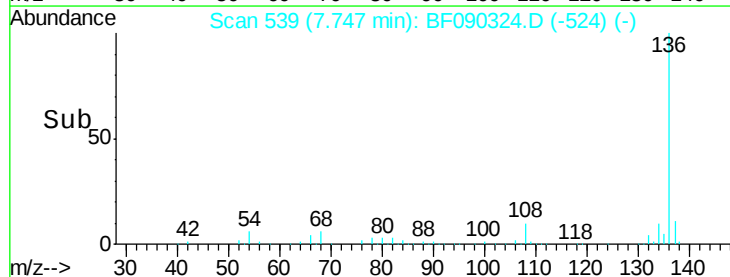
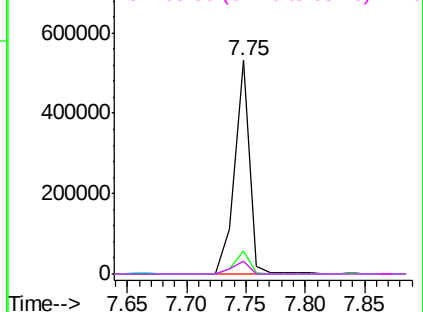


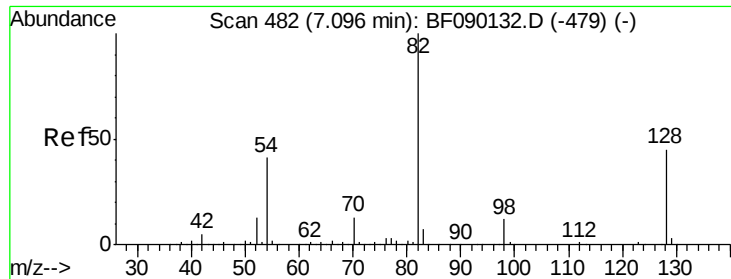
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF090324.D
Acq: 30 Sep 2016 20:49

Tgt Ion: 136 Resp: 463386
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 5.9 6.4 9.6#
68 5.9 6.3 9.5#



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

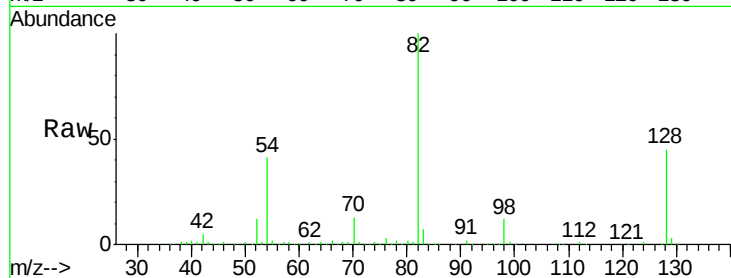




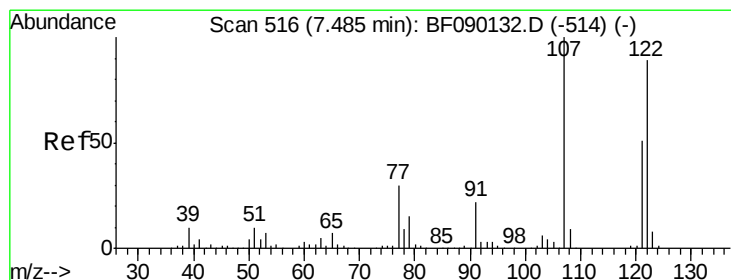
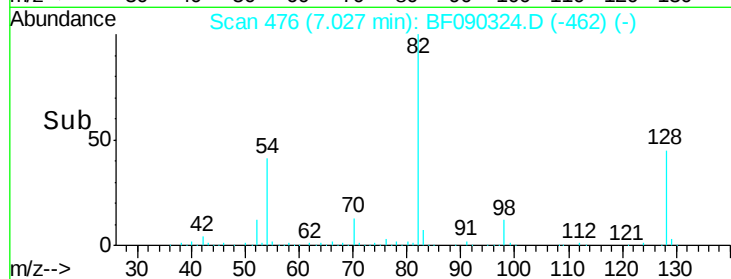
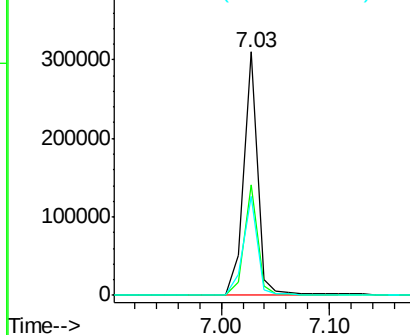
#23
 Nitrobenzene-d5
 Concen: 34.29 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.03 min
 Lab File: BF090324.D
 Acq: 30 Sep 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-B-1-09272016

Tgt Ion: 82 Resp: 274099
 Ion Ratio Lower Upper
 82 100
 128 45.4 37.5 56.3
 54 40.6 31.9 47.9

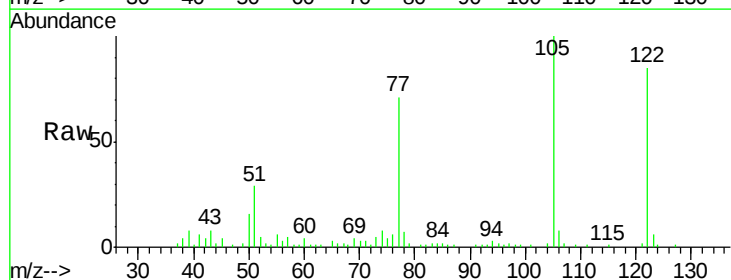


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

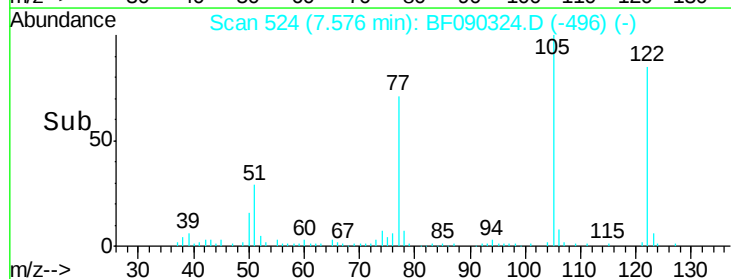
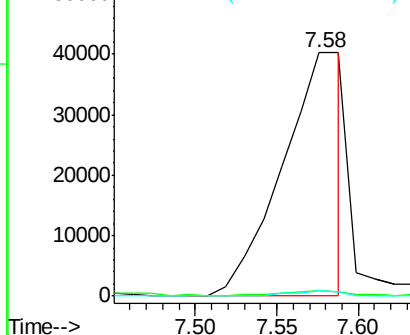


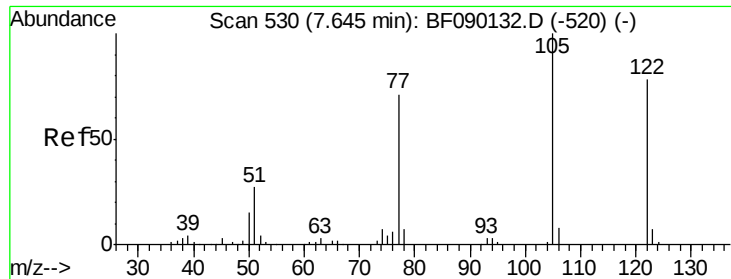
#27
 2,4-Dimethylphenol
 Concen: 14.43 ng
 RT: 7.58 min Scan# 524
 Delta R.T. 0.13 min
 Lab File: BF090324.D
 Acq: 30 Sep 2016 20:49

Tgt Ion: 122 Resp: 105161
 Ion Ratio Lower Upper
 122 100
 107 2.3 87.8 131.6#
 121 2.1 45.7 68.5#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

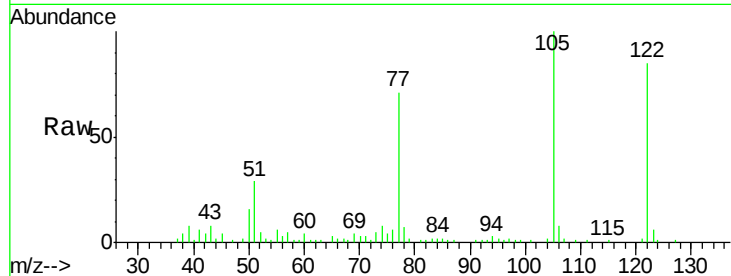




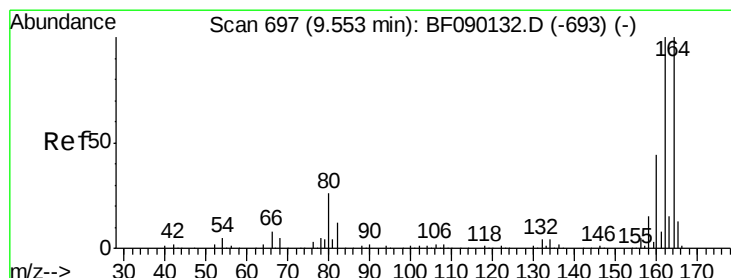
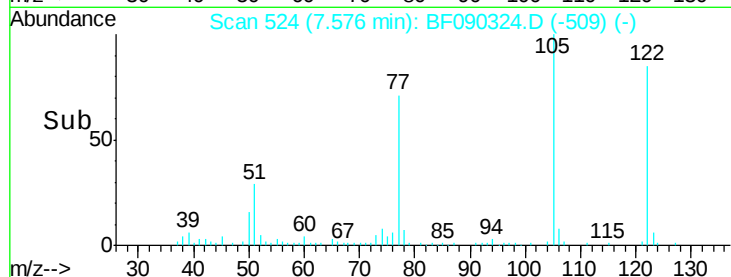
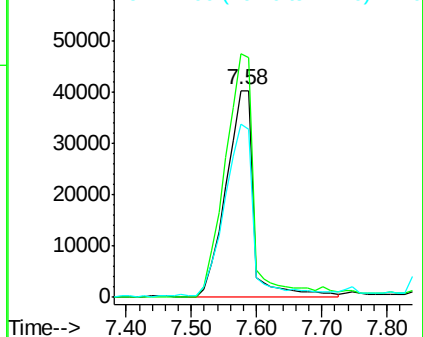
#32
Benzoic acid
Concen: 23.61 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF090324.D
Acq: 30 Sep 2016 20:49

Instrument :
BNA_F
ClientSampleId :
WC-AREA-B-1-09272016

Tgt Ion:122 Resp: 118124
Ion Ratio Lower Upper
122 100
105 117.8 105.0 145.0
77 84.1 70.4 110.4

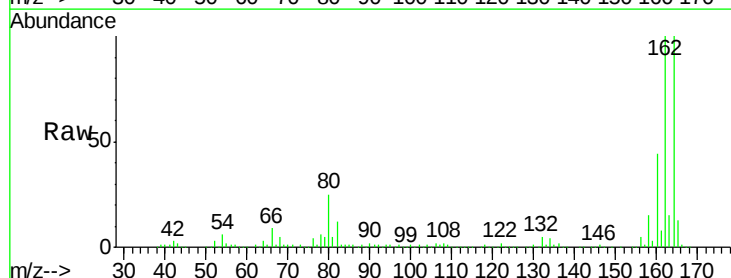


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

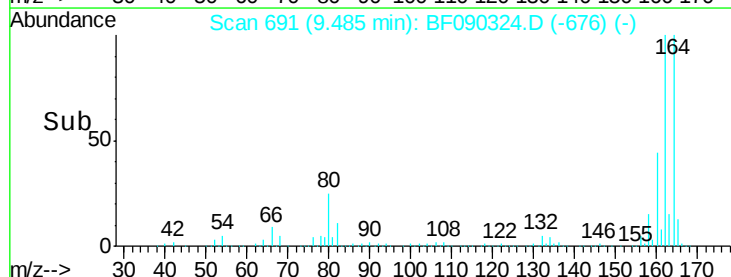
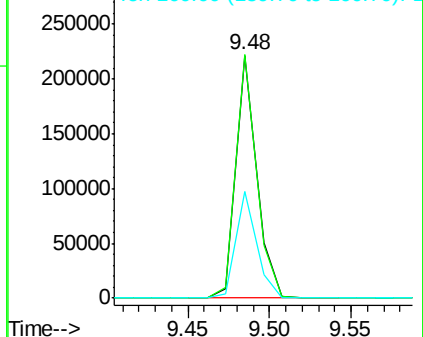


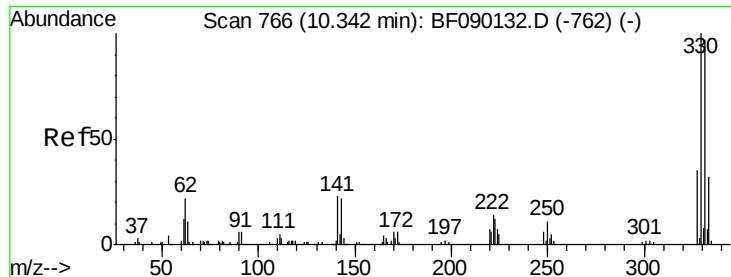
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF090324.D
Acq: 30 Sep 2016 20:49

Tgt Ion:164 Resp: 193981
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.2
160 44.0 36.6 54.8



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

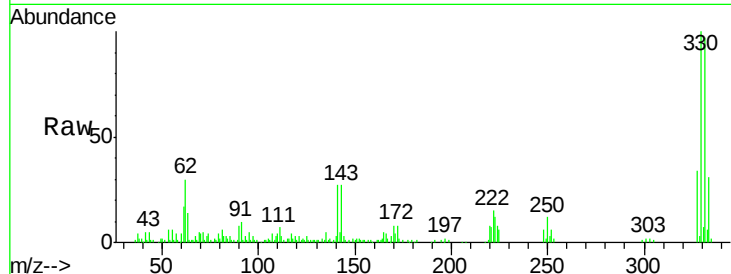




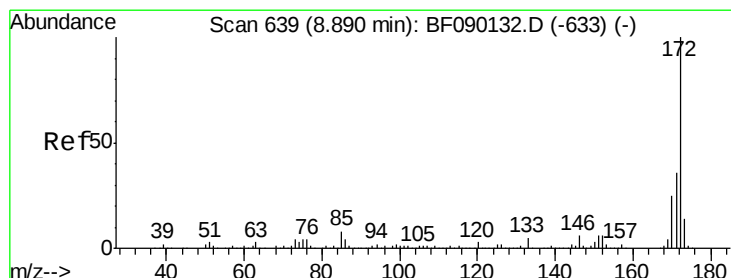
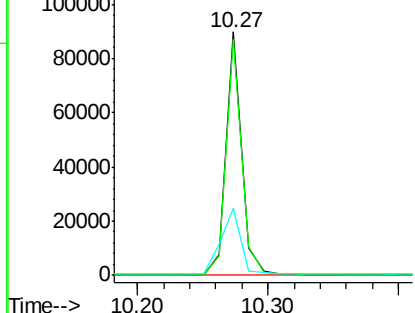
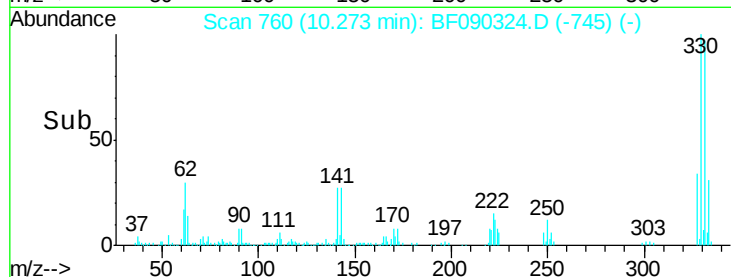
#41
 2,4,6-Tribromophenol
 Concen: 45.48 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF090324.D
 Acq: 30 Sep 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-B-1-09272016

Tgt Ion:330 Resp: 75681
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.1 117.1
 141 33.6 23.9 35.9

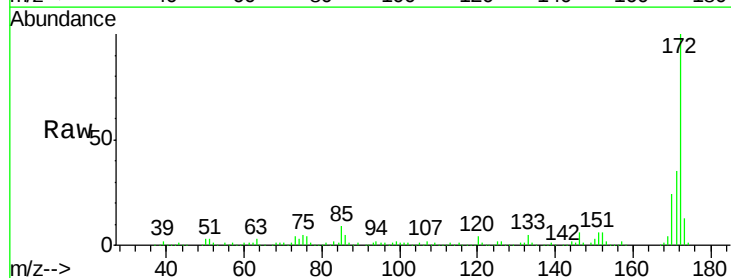


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

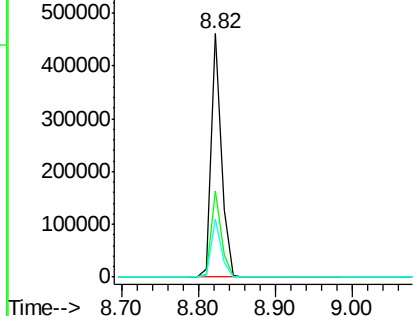
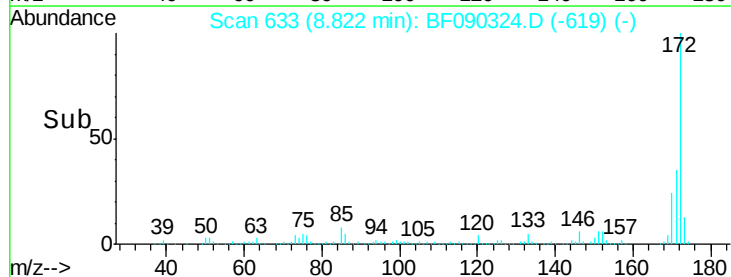


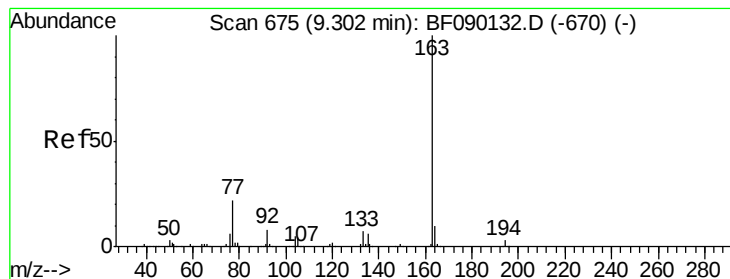
#44
 2-Fluorobiphenyl
 Concen: 42.63 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.03 min
 Lab File: BF090324.D
 Acq: 30 Sep 2016 20:49

Tgt Ion:172 Resp: 421213
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.2 43.8
 170 23.6 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: 9.46 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.05 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-1-09272016

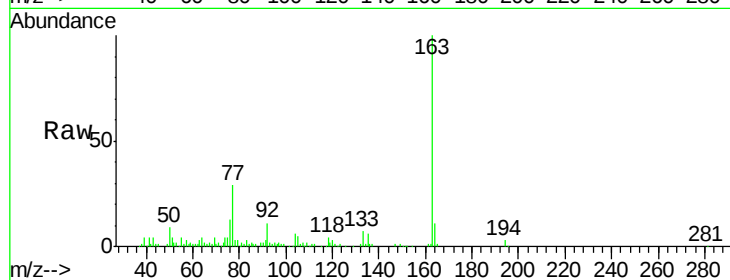
Tgt Ion:163 Resp: 116868

Ion Ratio Lower Upper

163 100

194 2.7 2.8 4.2#

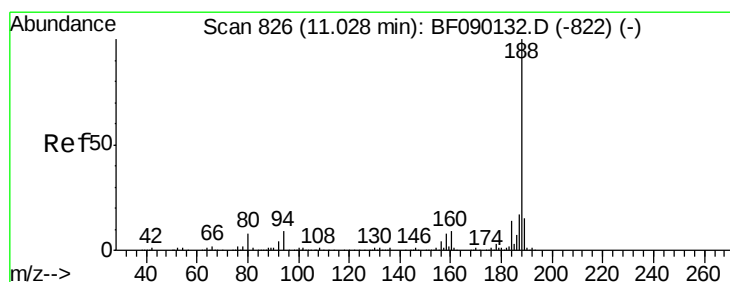
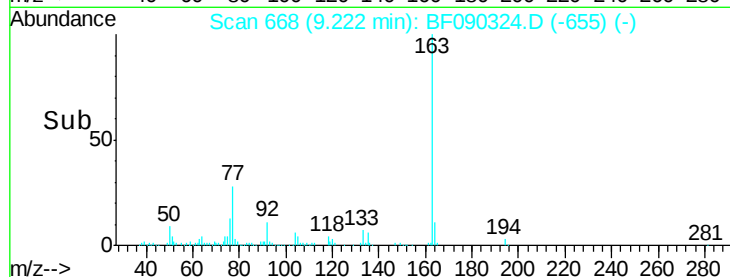
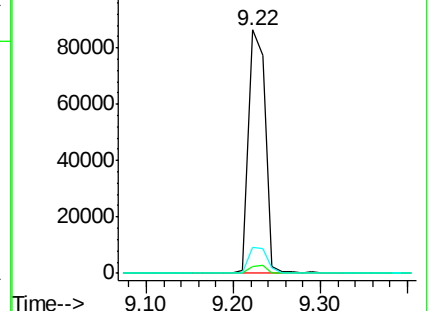
164 10.8 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.96 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

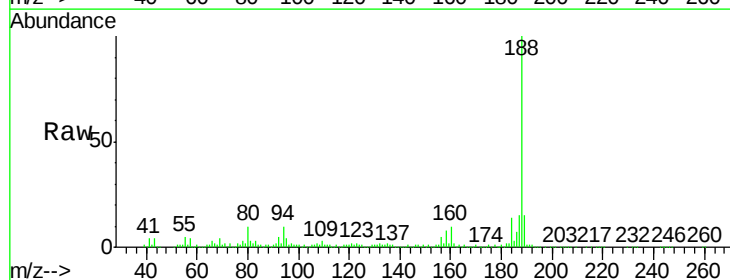
Tgt Ion:188 Resp: 272321

Ion Ratio Lower Upper

188 100

94 9.8 10.5 15.7#

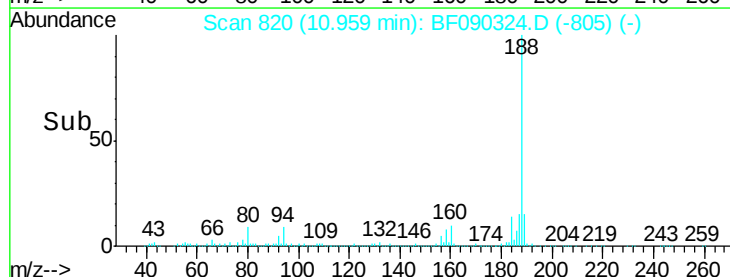
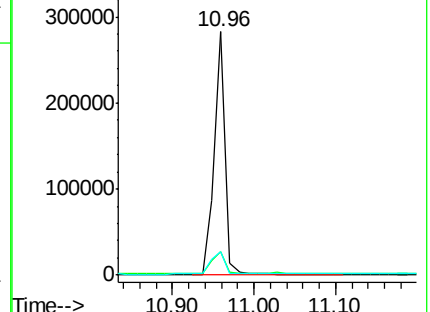
80 9.8 11.2 16.8#

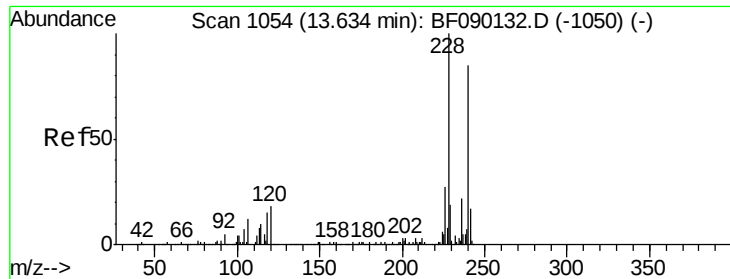


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-1-09272016

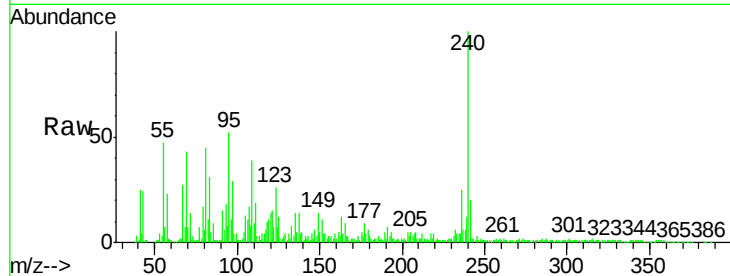
Tgt Ion:240 Resp: 209136

Ion Ratio Lower Upper

240 100

120 13.6 10.6 16.0

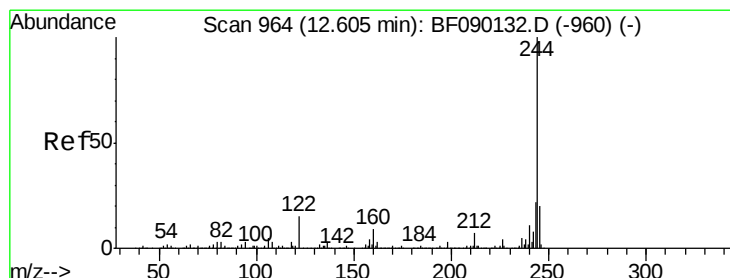
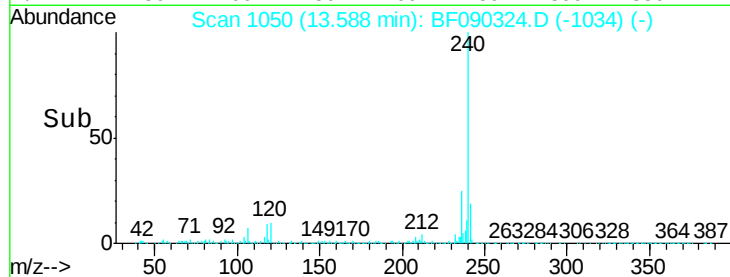
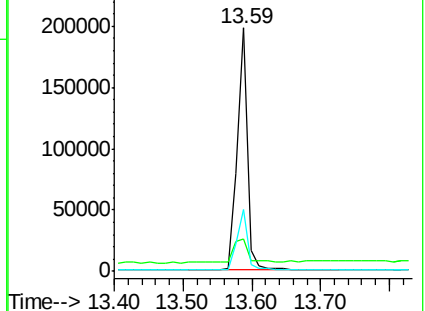
236 25.4 21.6 32.4



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



#78

Terphenyl-d14

Concen: 33.73 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

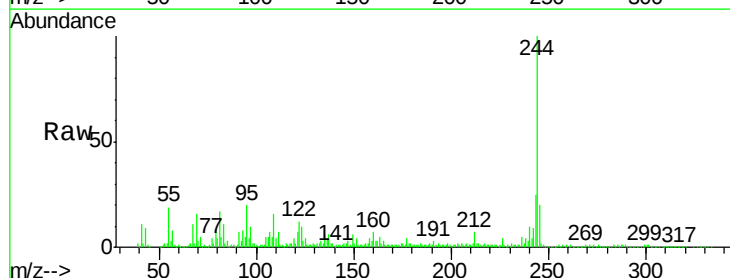
Tgt Ion:244 Resp: 277887

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

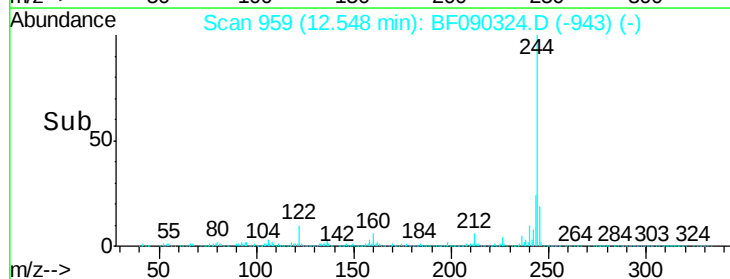
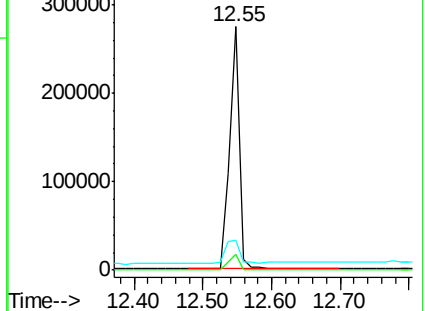
122 12.1 9.4 14.0

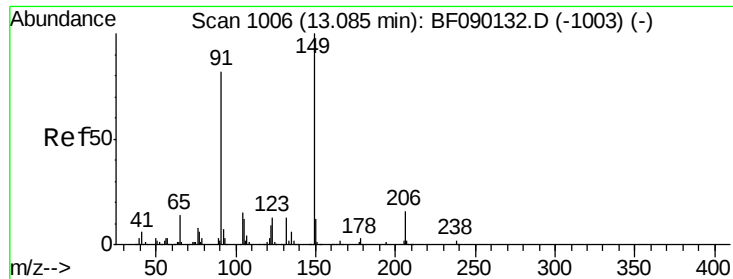


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 2.80 ng

RT: 13.03 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Instrument :

BNA_F

ClientSampleId :

WC-AREA-B-1-09272016

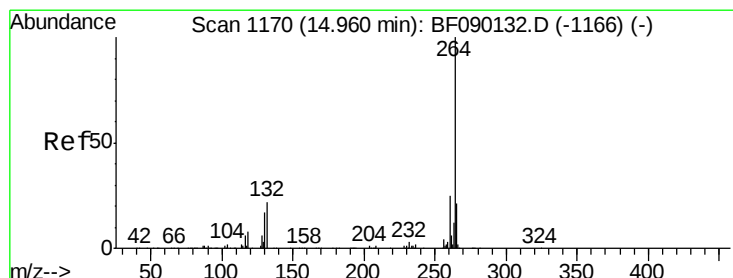
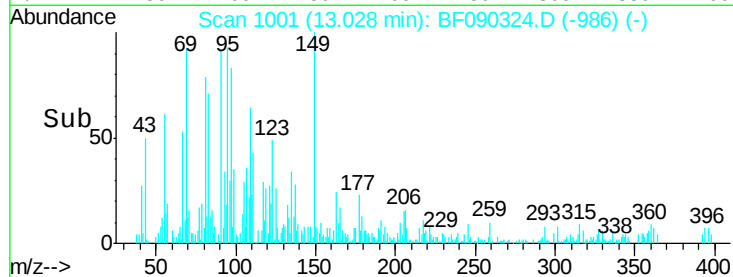
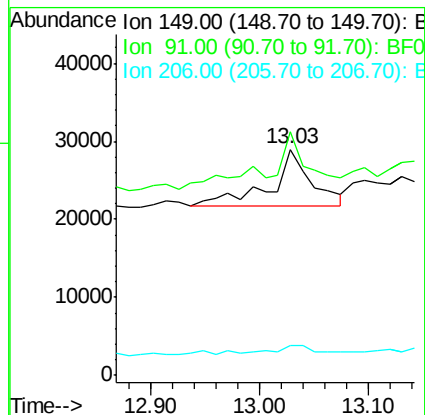
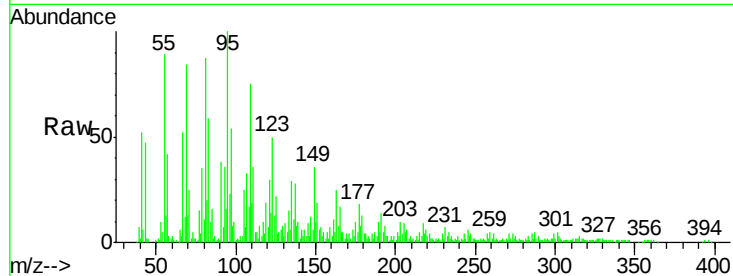
Tgt Ion:149 Resp: 19601

Ion Ratio Lower Upper

149 100

91 107.6 49.8 74.6#

206 13.2 16.3 24.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1168

Delta R.T. 0.02 min

Lab File: BF090324.D

Acq: 30 Sep 2016 20:49

Tgt Ion:264 Resp: 137575

Ion Ratio Lower Upper

264 100

260 26.6 19.5 29.3

265 23.2 17.0 25.4

