

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
 Data File : BF078774.D
 Acq On : 24 Apr 2015 6:53
 Operator : TP/IZ
 Sample : G1987-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Apr 24 12:31:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 04:11:59 2015
 Response via : Initial Calibration

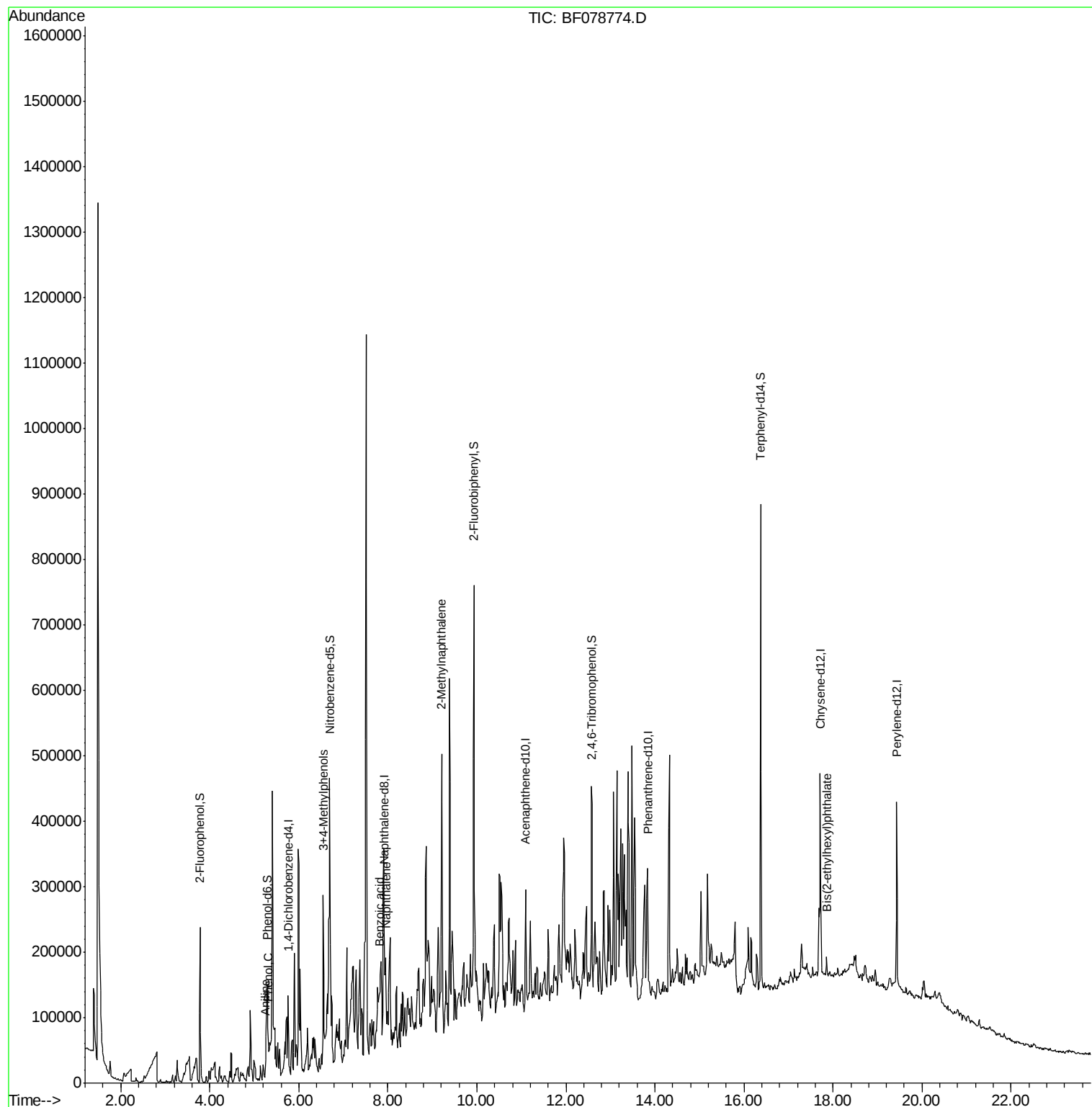
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	24185	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	99608	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	52904	20.00	ng	0.00
63) Phenanthrene-d10	13.84	188	103887	20.00	ng	0.01
75) Chrysene-d12	17.71	240	120722	20.00	ng	0.00
86) Perylene-d12	19.43	264	122333	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.78	112	91520	62.39	ng	0.01
7) Phenol-d6	5.29	99	79232	43.10	ng	0.02
23) Nitrobenzene-d5	6.70	82	130880	79.64	ng	0.00
41) 2,4,6-Tribromophenol	12.58	330	60640	138.21	ng	0.01
44) 2-Fluorobiphenyl	9.93	172	281011	75.93	ng	0.00
78) Terphenyl-d14	16.38	244	298143	55.81	ng	0.00
Target Compounds						Qvalue
6) Aniline	5.26	93	7004m	2.69	ng	
10) Phenol	5.31	94	10280m	4.67	ng	
20) 3+4-Methylphenols	6.55	107	101032	56.24	ng	95
31) Naphthalene	7.95	128	37678	7.27	ng	# 88
32) Benzoic acid	7.82	122	57739m	76.71	ng	
37) 2-Methylnaphthalene	9.21	142	171172	48.63	ng	96
83) Bis(2-ethylhexyl)phthalate	17.85	149	9388	2.07	ng	# 89

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF078774.D

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MW-11

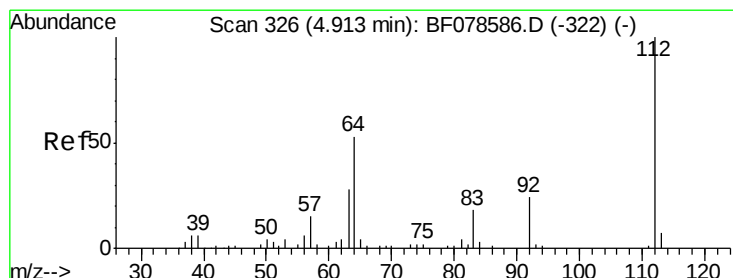
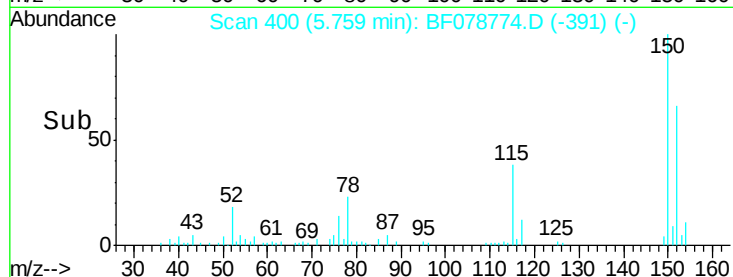
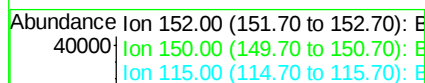
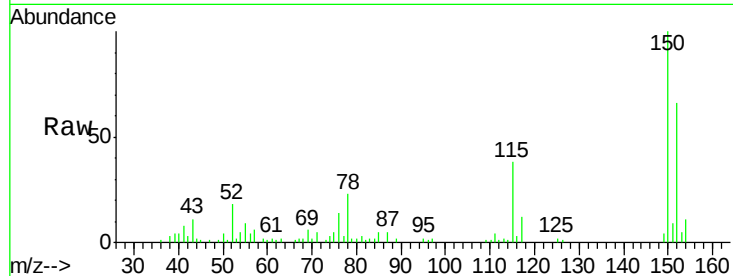
Tot Ion:152 Resp: 24185

Ion Ratio Lower Upper

152 100

150 152.1 125.9 188.9

115 57.3 52.7 79.1



#5

2-Fluorophenol

Concen: 62.39 ng

RT: 3.78 min Scan# 227

Delta R.T. 0.01 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

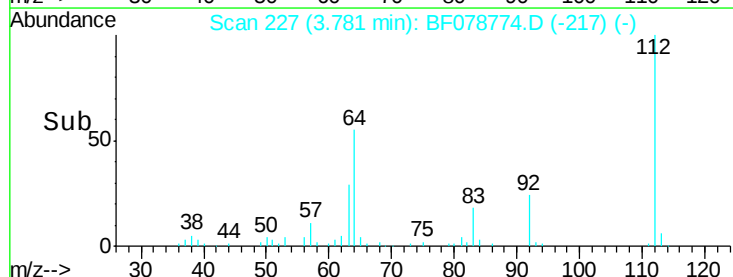
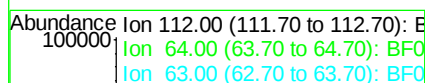
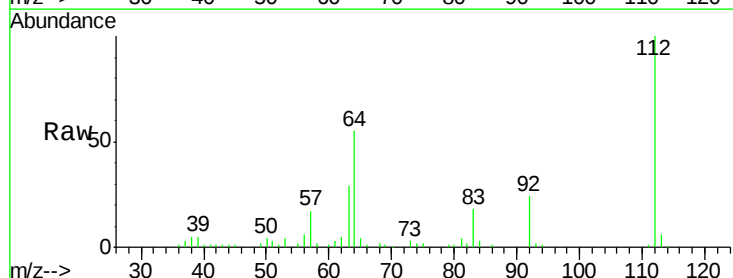
Tgt Ion:112 Resp: 91520

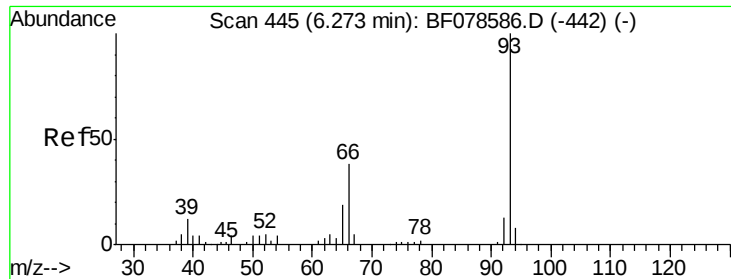
Ion Ratio Lower Upper

112 100

64 54.6 39.9 59.9

63 28.7 20.2 30.4





#6

Aniline

Concen: 2.69 ng/mL

RT: 5.26 min Scan# 356

Delta R.T. 0.01 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

Instrument :

BNA_F

ClientSampleID :

MW-11

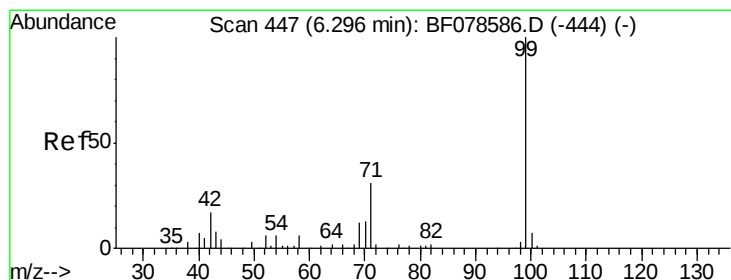
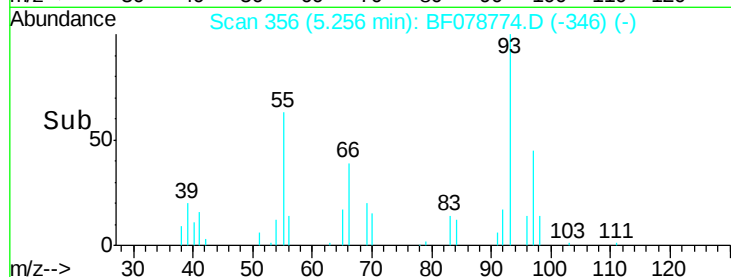
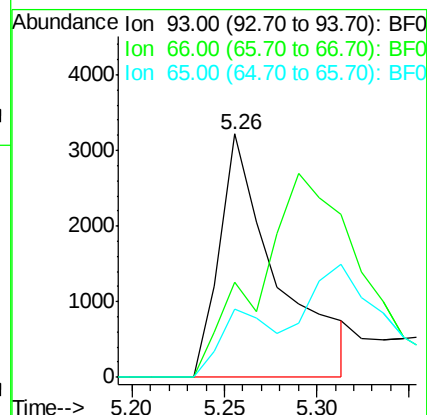
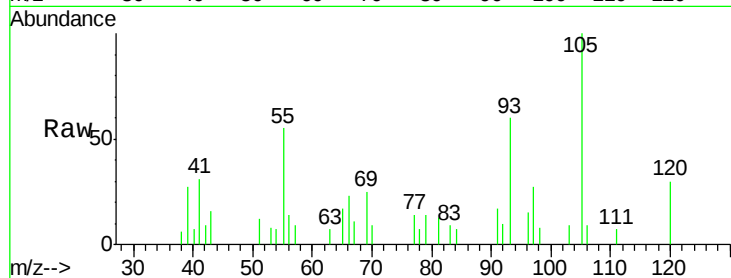
Tot Ion: 93 Resp: 7004

Ion Ratio Lower Upper

93 100

66 38.9 38.0 57.0

65 28.1 16.3 24.5#



#7

Phenol-d6

Concen: 43.10 ng/mL

RT: 5.29 min Scan# 359

Delta R.T. 0.02 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

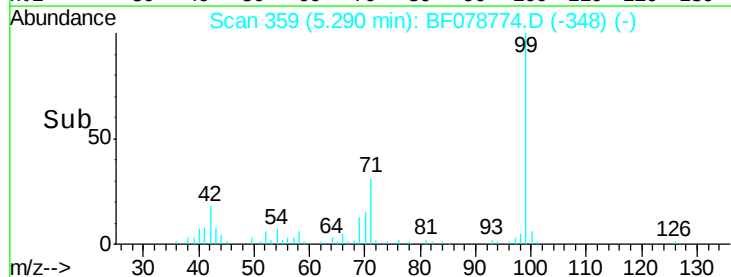
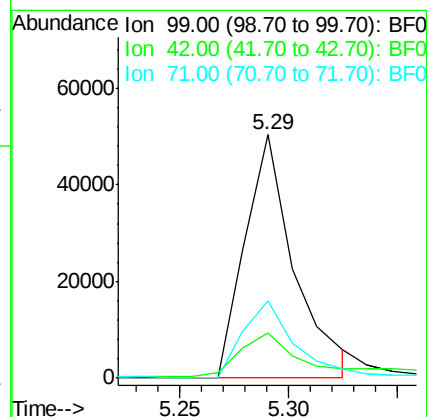
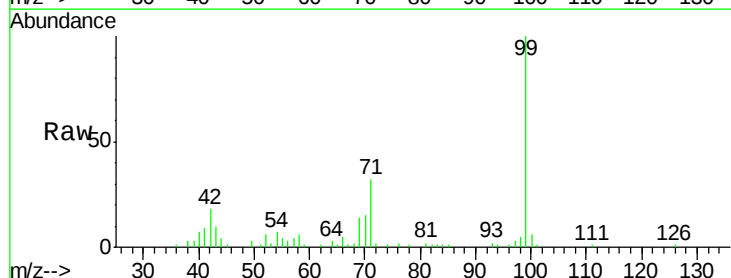
Tgt Ion: 99 Resp: 79232

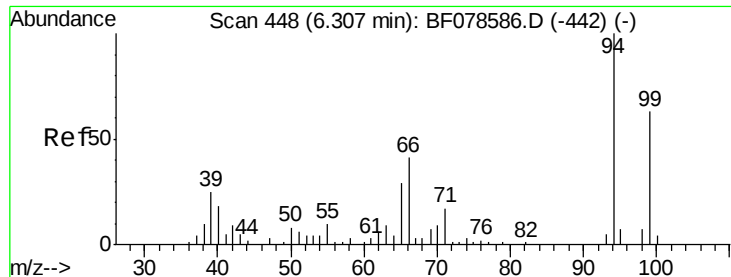
Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

71 31.5 26.6 39.8

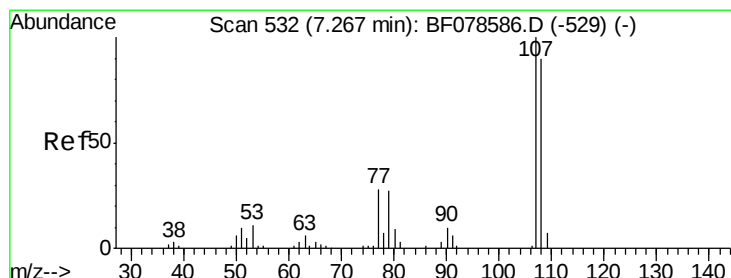
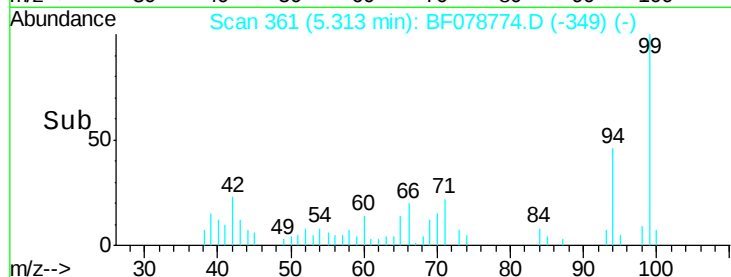
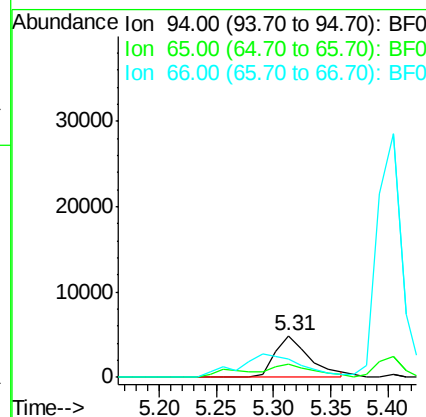
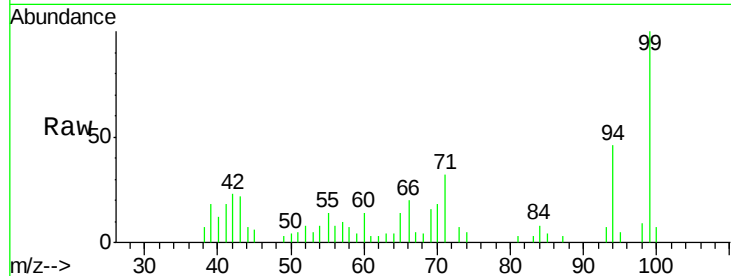




#10
Phenol
Concen: 4.67 ng/mL
RT: 5.31 min Scan# 361
Delta R.T. 0.03 min
Lab File: BF078774.D
Acq: 24 Apr 2015 6:53

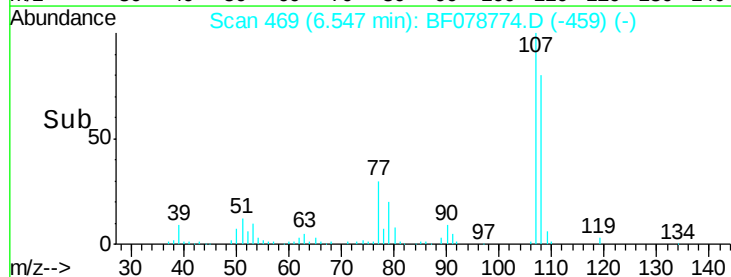
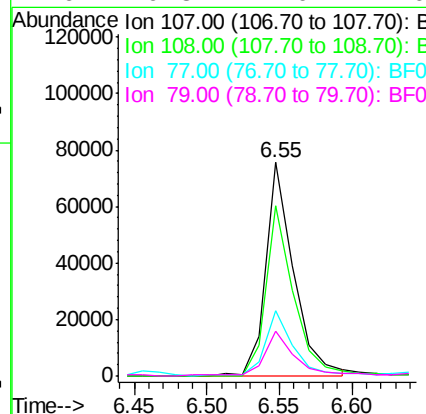
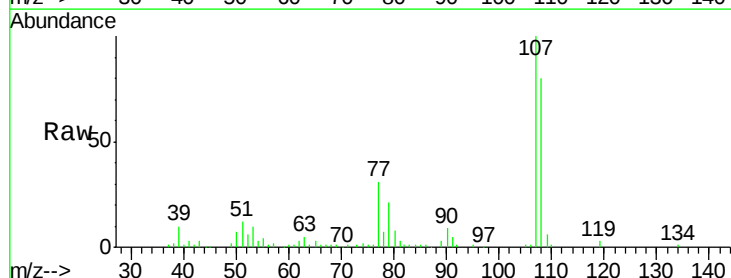
Instrument :
BNA_F
ClientSampleId :
MW-11

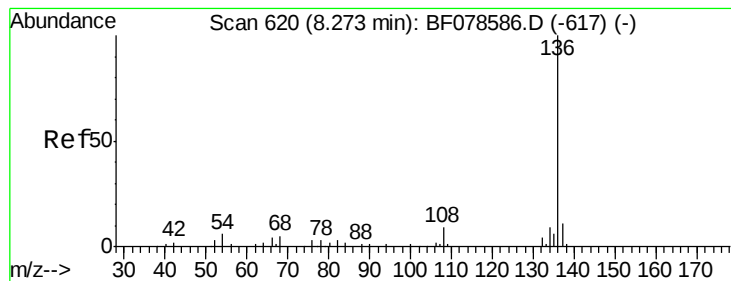
Tot Ion: 94 Resp: 10280
Ion Ratio Lower Upper
94 100
65 30.7 4.9 44.9
66 44.4 13.8 53.8



#20
3+4-Methylphenols
Concen: 56.24 ng/mL
RT: 6.55 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF078774.D
Acq: 24 Apr 2015 6:53

Tgt Ion: 107 Resp: 101032
Ion Ratio Lower Upper
107 100
108 79.9 64.4 104.4
77 30.7 9.7 49.7
79 20.8 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

Instrument :

BNA_F

ClientSampleId :

MW-11

Tot Ion:136 Resp: 99608

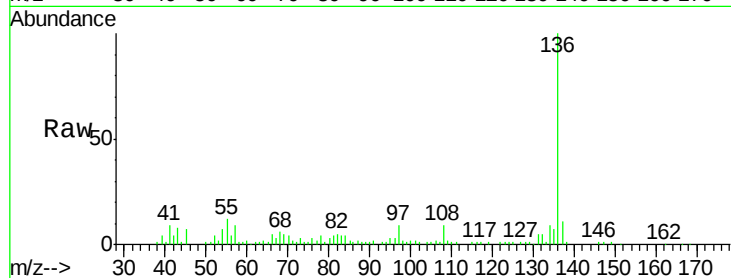
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.2 7.0 10.6

68 6.1 5.4 8.2

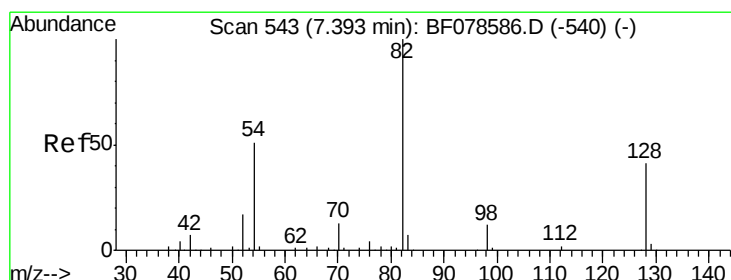
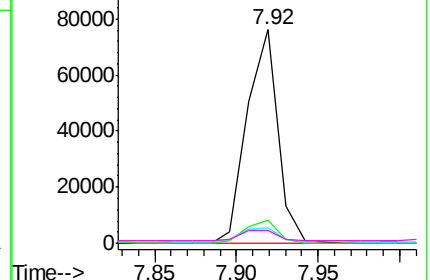
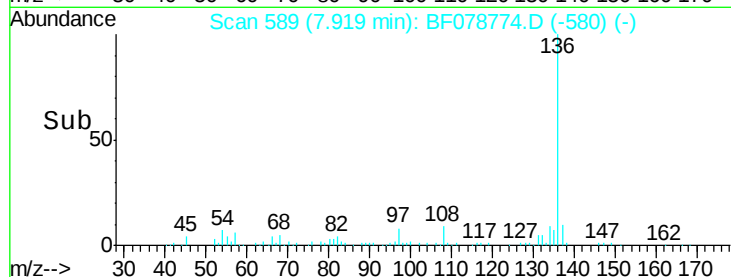


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.64 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

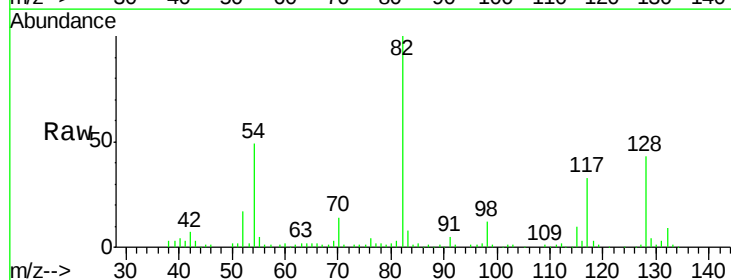
Tgt Ion: 82 Resp: 130880

Ion Ratio Lower Upper

82 100

128 42.9 31.8 47.8

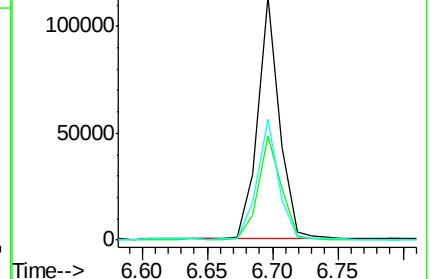
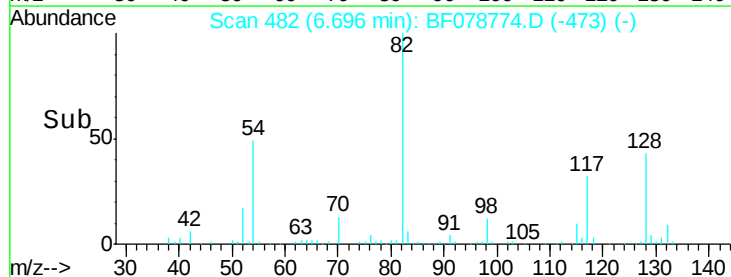
54 49.4 41.5 62.3

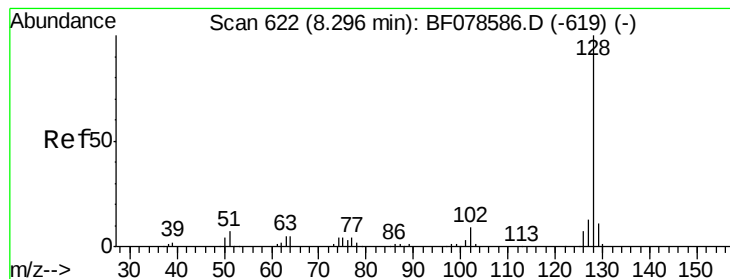


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 7.27 ng

RT: 7.95 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

Instrument :

BNA_F

ClientSampleId :

MW-11

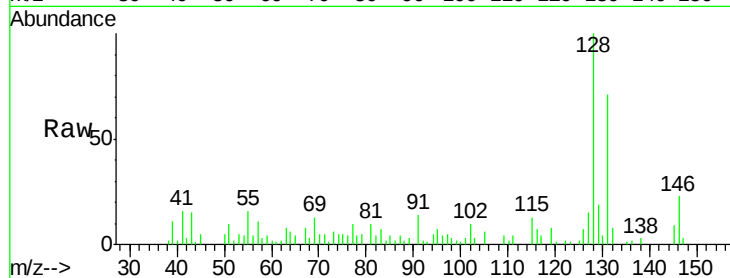
Tot Ion:128 Resp: 37678

Ion Ratio Lower Upper

128 100

129 18.9 8.6 12.8#

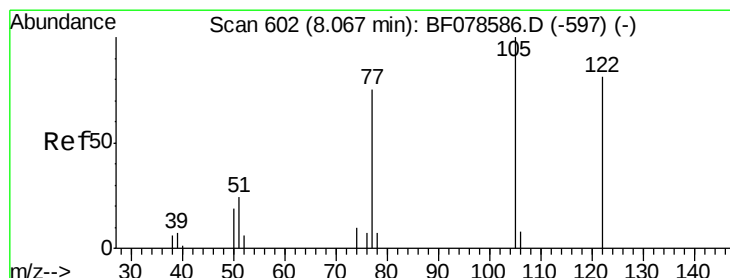
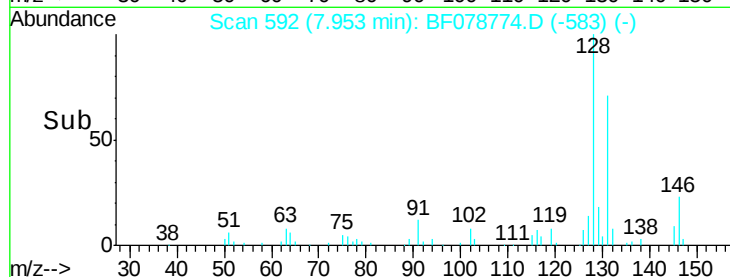
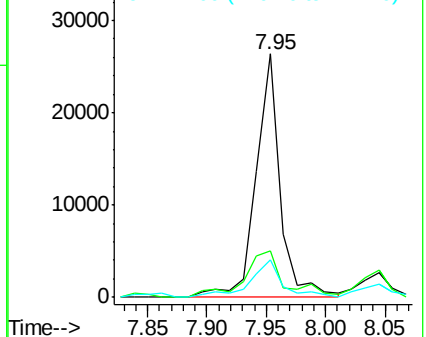
127 15.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 76.71 ng m

RT: 7.82 min Scan# 580

Delta R.T. 0.15 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

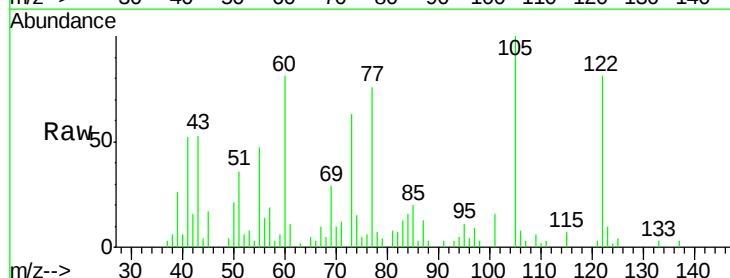
Tgt Ion:122 Resp: 57739

Ion Ratio Lower Upper

122 100

105 123.6 96.1 136.1

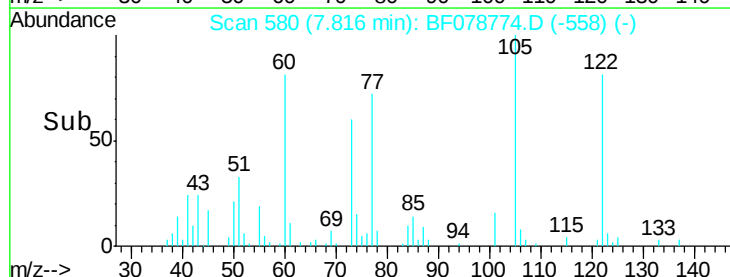
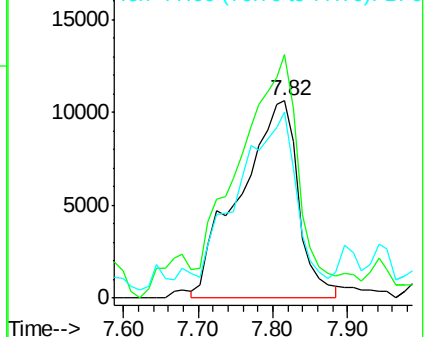
77 94.3 64.1 104.1

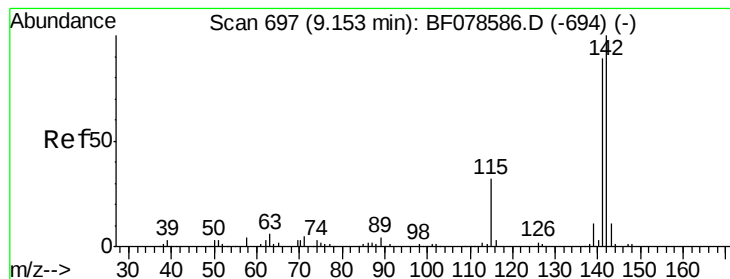


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#37

2-Methylnaphthalene

Concen: 48.63 ng

RT: 9.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

Instrument :

BNA_F

ClientSampleId :

MW-11

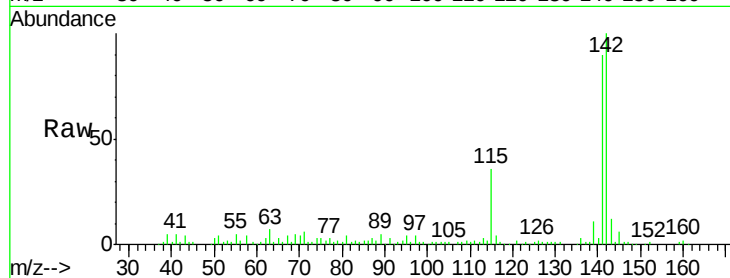
Tot Ion:142 Resp: 171172

Ion Ratio Lower Upper

142 100

141 89.6 70.3 105.5

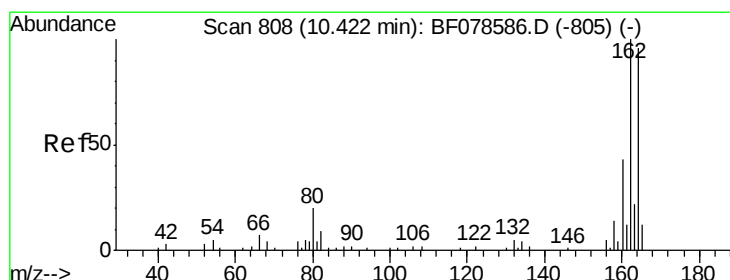
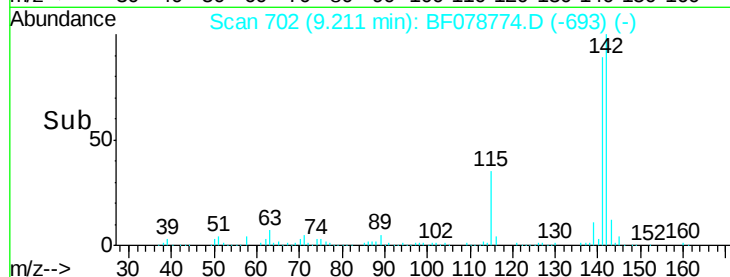
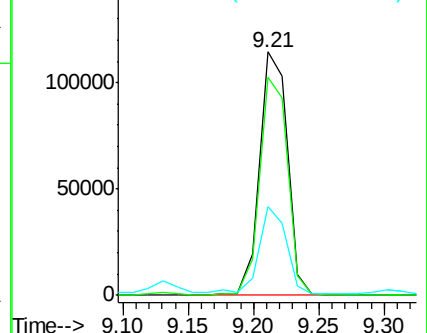
115 36.3 24.6 37.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

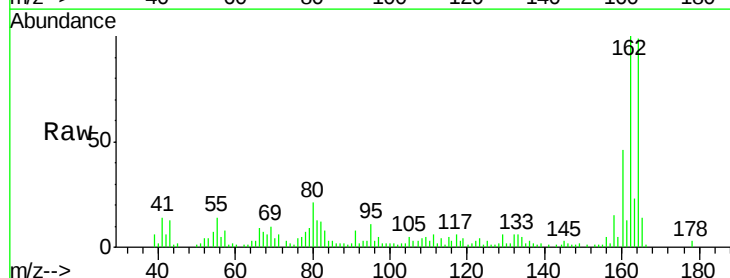
Tgt Ion:164 Resp: 52904

Ion Ratio Lower Upper

164 100

162 100.6 82.2 123.2

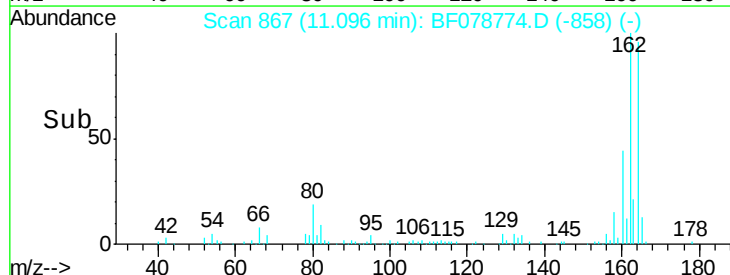
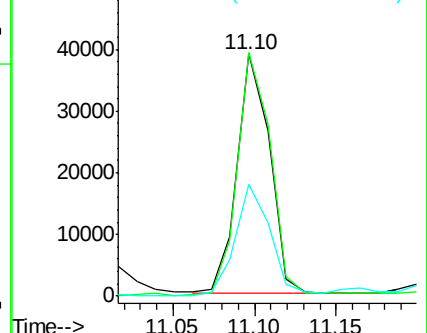
160 46.0 34.7 52.1

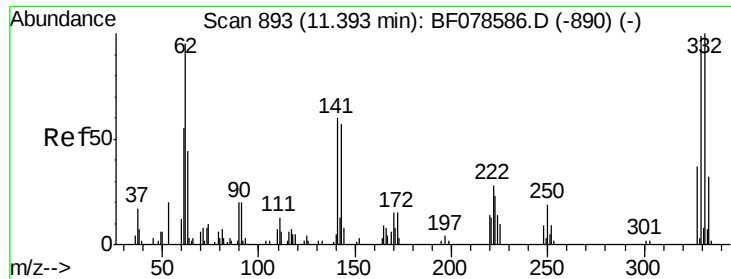


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

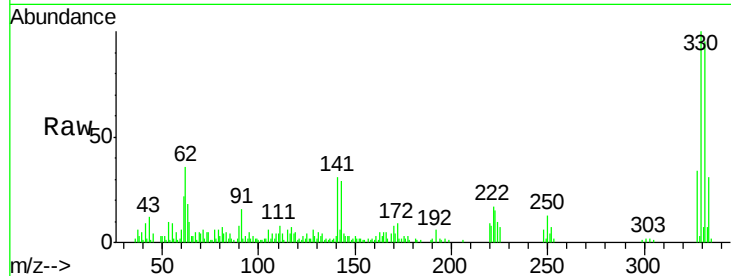




#41
 2,4,6-Tribromophenol
 Concen: 138.21 ng
 RT: 12.58 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF078774.D
 Acq: 24 Apr 2015 6:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.6	117.8
141	40.8	31.2	46.8

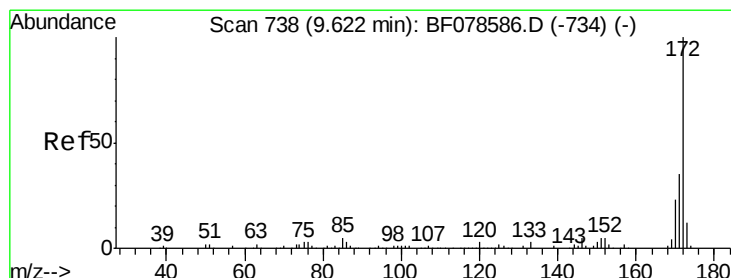
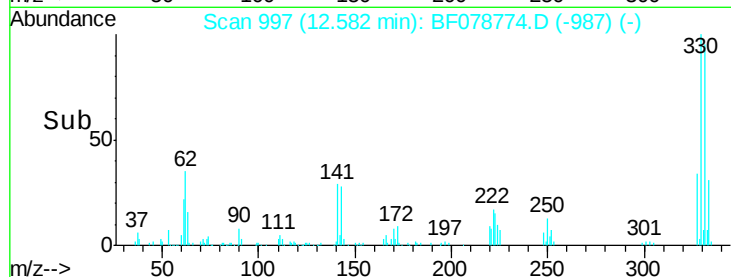
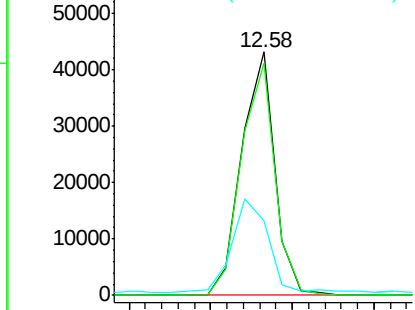


Abundance

Ion 329.80 (329.50 to 330.50): E

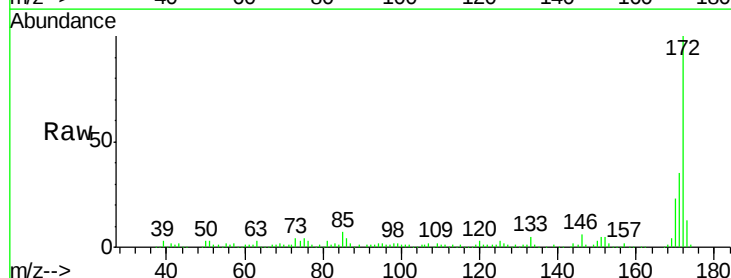
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.93 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF078774.D
 Acq: 24 Apr 2015 6:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	23.0	18.5	27.7

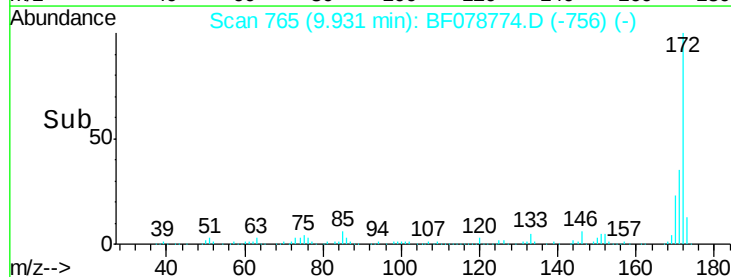
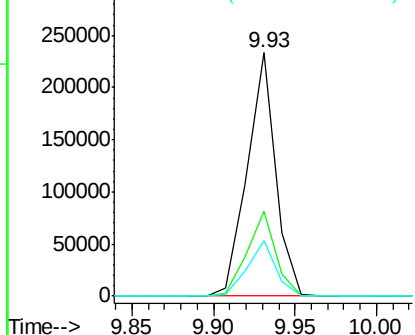


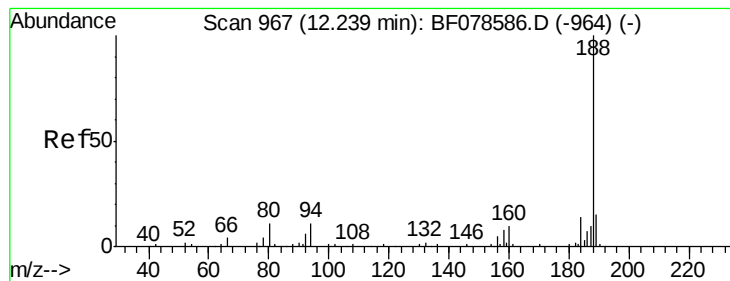
Abundance

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.84 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

Instrument :

BNA_F

ClientSampleId :

MW-11

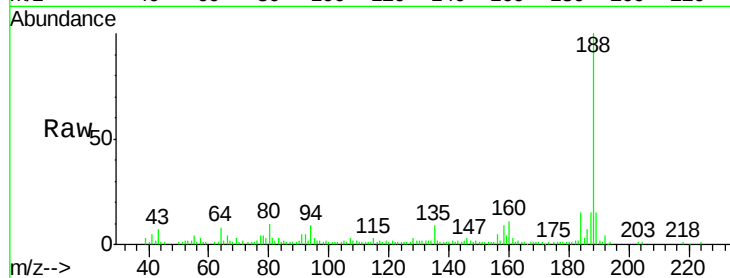
Tot Ion:188 Resp: 103887

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4

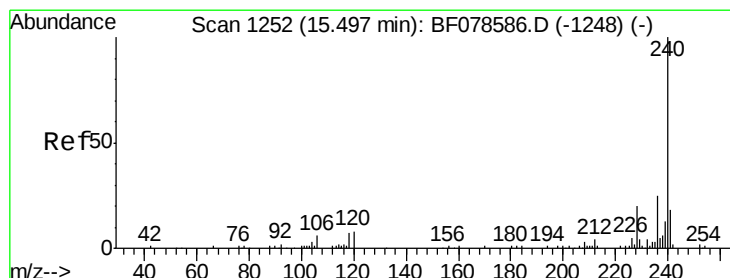
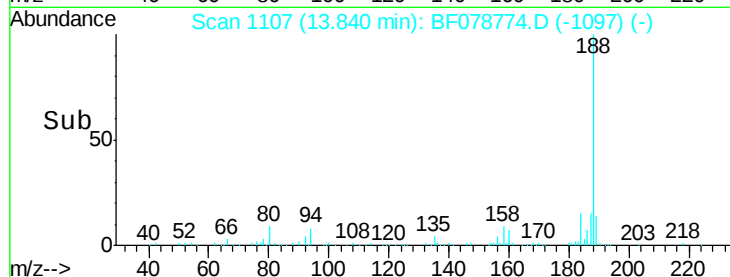
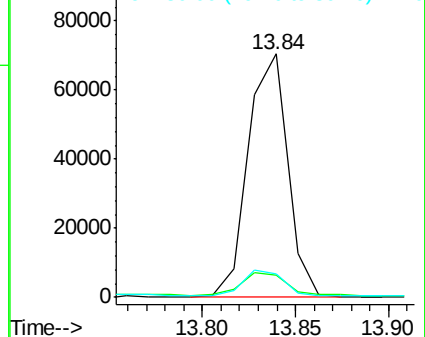
80 9.5 9.5 14.3



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: 17.71 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

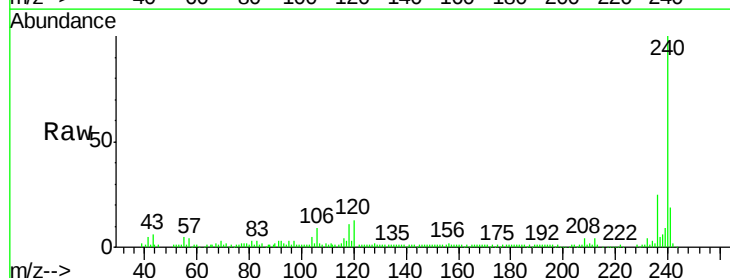
Tgt Ion:240 Resp: 120722

Ion Ratio Lower Upper

240 100

120 12.9 7.1 10.7#

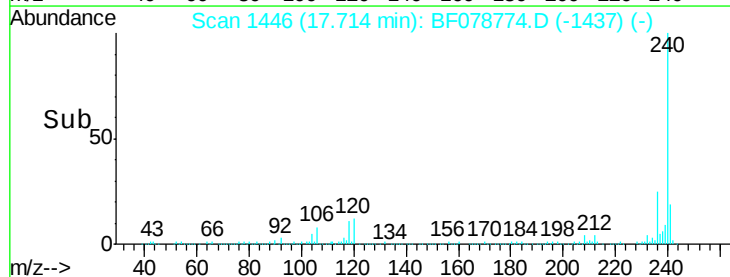
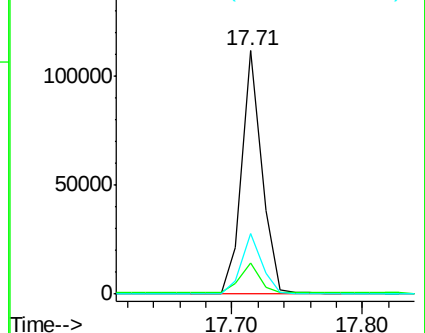
236 24.8 21.4 32.2

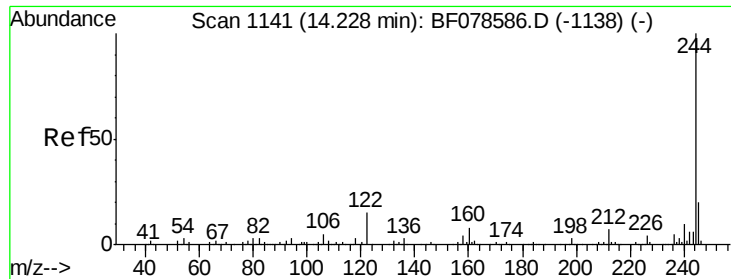


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

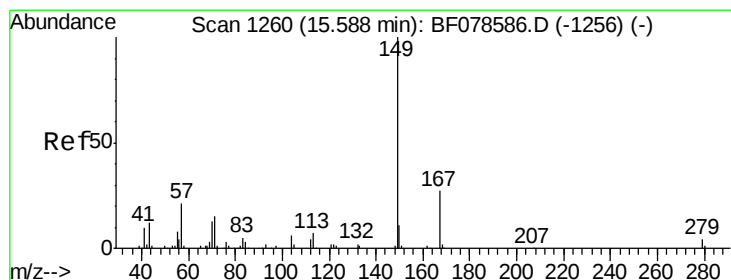
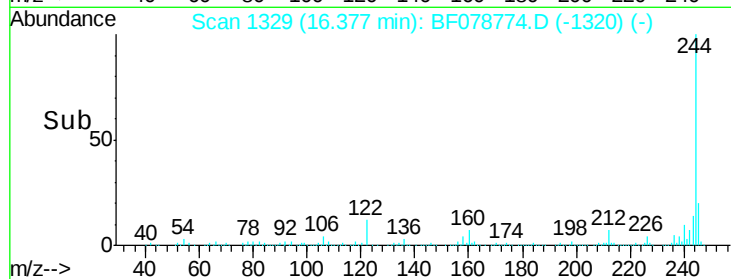
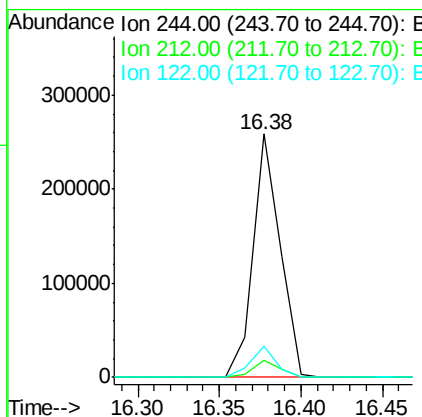
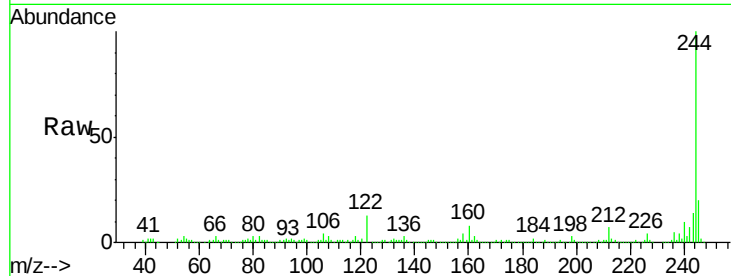




#78
 Terphenyl-d14
 Concen: 55.81 ng
 RT: 16.38 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF078774.D
 Acq: 24 Apr 2015 6:53

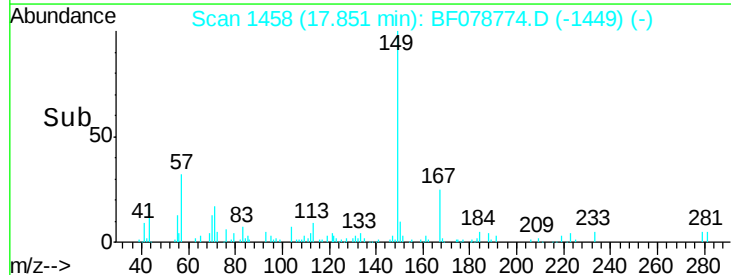
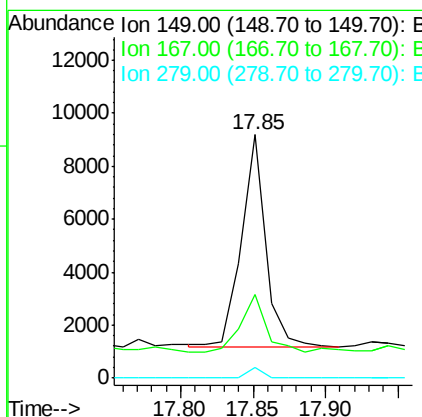
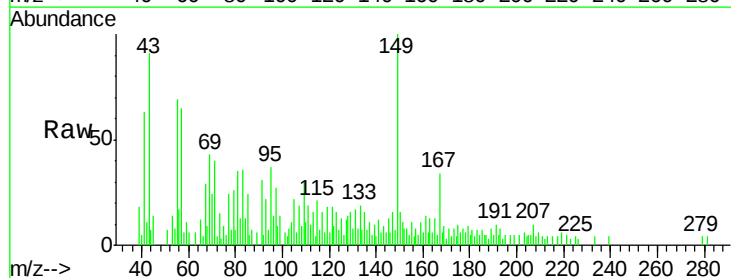
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

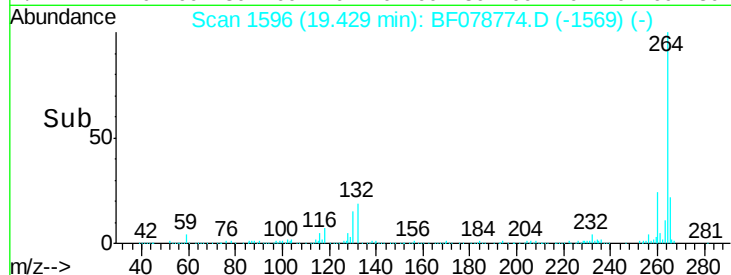
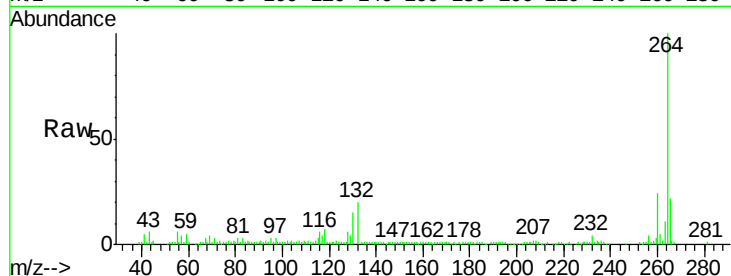
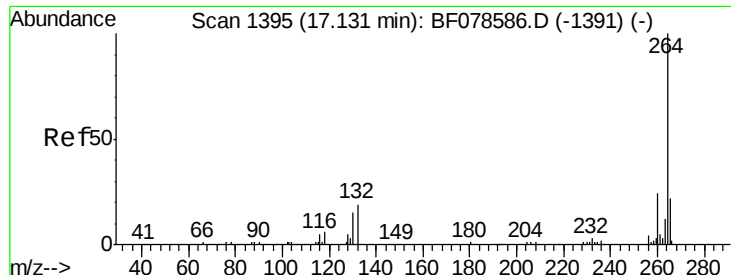
Tot Ion:244 Resp: 298143
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 12.7 7.1 10.7#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.07 ng
 RT: 17.85 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF078774.D
 Acq: 24 Apr 2015 6:53

Tgt Ion:149 Resp: 9388
 Ion Ratio Lower Upper
 149 100
 167 34.5 22.2 33.2#
 279 4.4 3.2 4.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.43 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF078774.D
Acq: 24 Apr 2015 6:53

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:264	Resp:	122333
Ion	Ratio	Lower Upper
264	100	
260	24.3	18.6 27.8
265	21.7	17.0 25.6

