

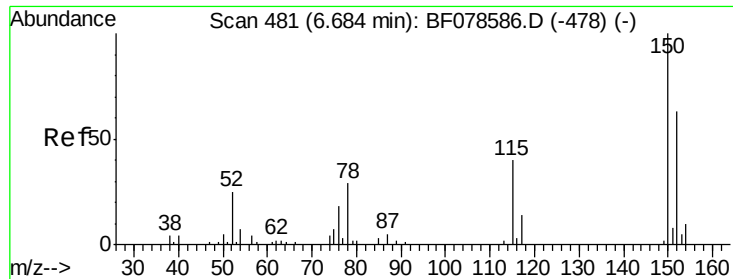
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042315\
 Data File : BF078774.D
 Acq On : 24 Apr 2015 6:53
 Operator : TP/IZ
 Sample : G1987-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Apr 24 07:30:15 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						
6) Aniline	5.26	93	6492	2.49	ng	Qvalue # 86
10) Phenol	5.31	94	9216	4.18	ng	84
17) 2-Methylphenol	6.28	107	3319	2.46	ng	92
20) 3+4-Methylphenols	6.55	107	101032	56.24	ng	95
22) Acetophenone	6.42	105	5228	2.25	ng	# 66
31) Naphthalene	7.95	128	37678	7.27	ng	# 88
35) Caprolactam	8.76	113	934	2.26	ng	# 1
37) 2-Methylnaphthalene	9.21	142	171172	48.63	ng	96
49) Dimethylphthalate	10.74	163	10639	2.68	ng	# 57
55) 4-Nitrophenol	11.60	139	978	4.14	ng	# 1
59) Diethylphthalate	12.10	149	15154	3.95	ng	# 57
69) Pentachlorophenol	13.54	266	220	8.13	ng	# 19
83) Bis(2-ethylhexyl)phthalate	17.85	149	9388	2.07	ng	# 89

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



#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

Acq: 24 Apr 2015 6:53

Instrument :

BNA_F

ClientSampleId :

MW-11

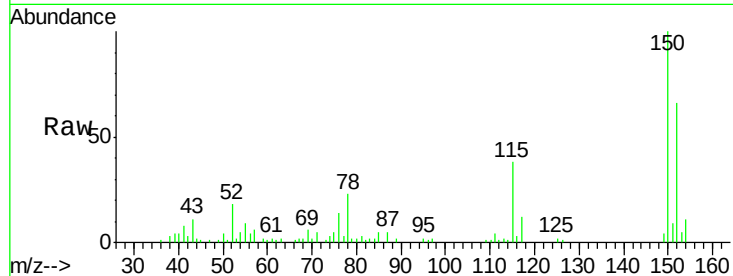
Tgt Ion:152 Resp: 24185

Ion Ratio Lower Upper

152 100

150 152.1 125.9 188.9

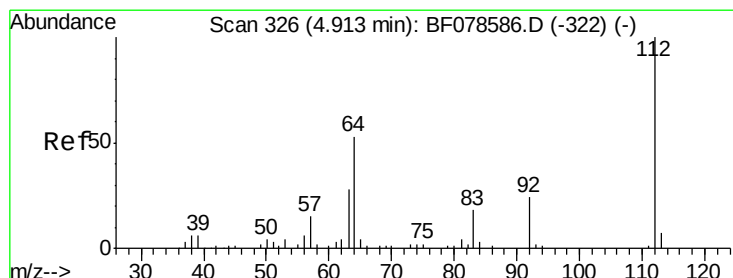
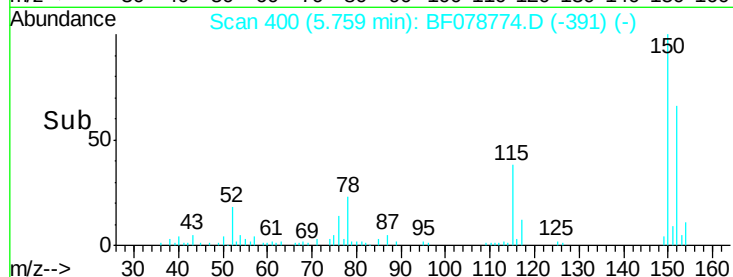
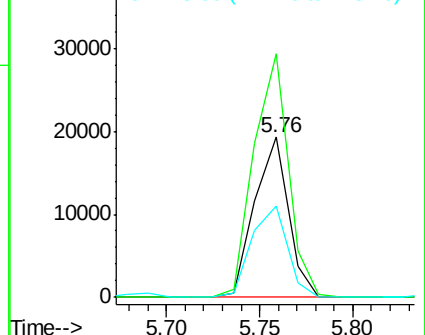
115 57.3 52.7 79.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 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

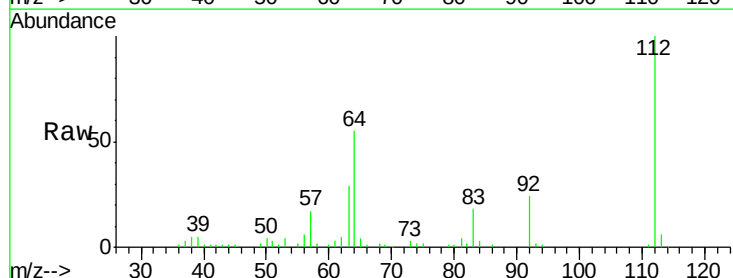
Tgt Ion:112 Resp: 91520

Ion Ratio Lower Upper

112 100

64 54.6 39.9 59.9

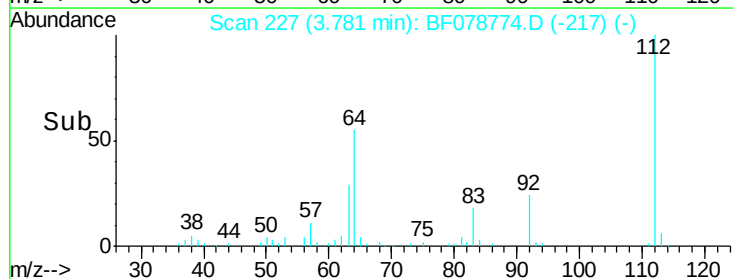
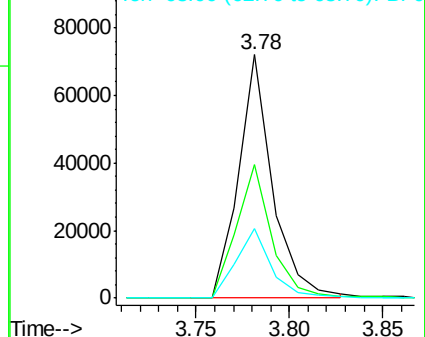
63 28.7 20.2 30.4

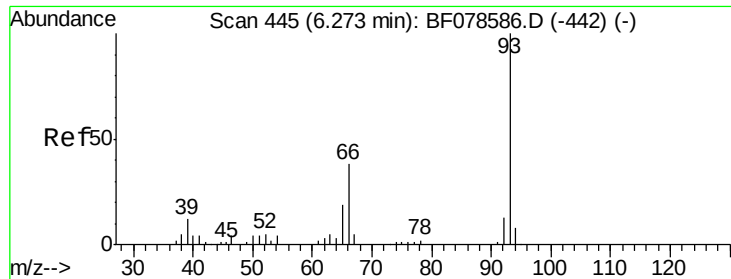


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 2.49 ng

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

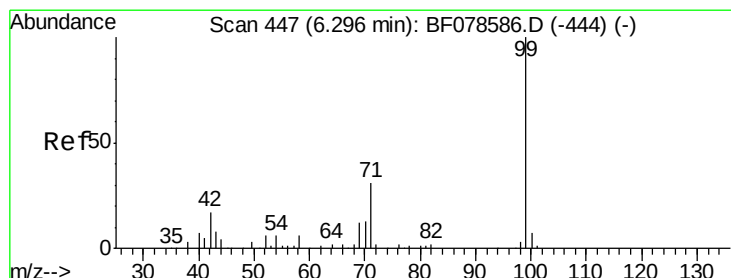
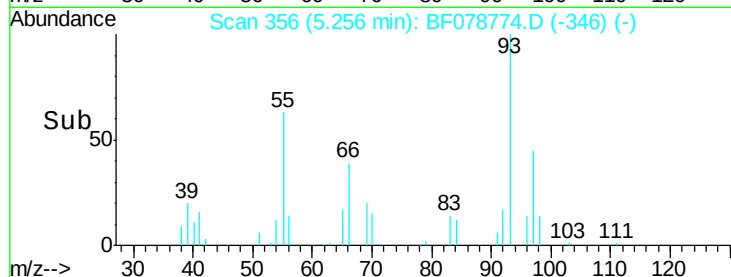
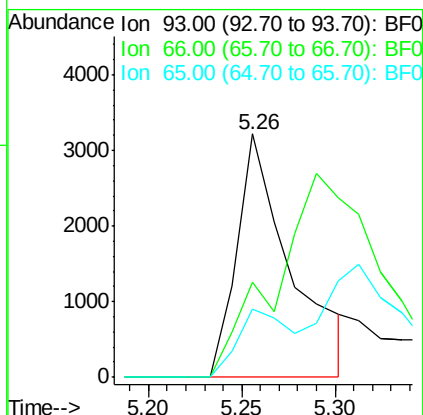
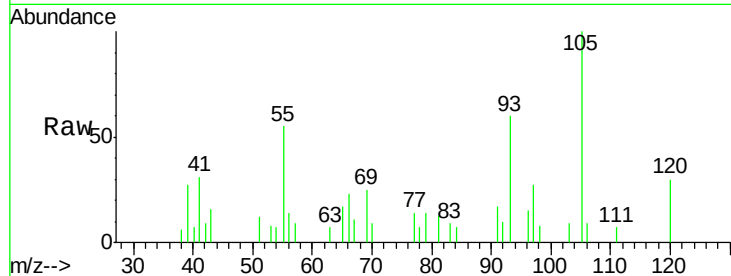
Tgt Ion: 93 Resp: 6492

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

RT: 5.29 min Scan# 359

Delta R.T. 0.02 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

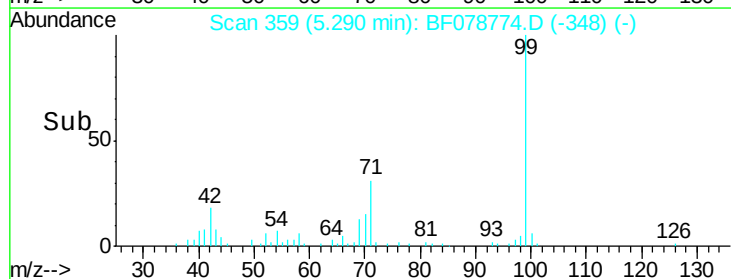
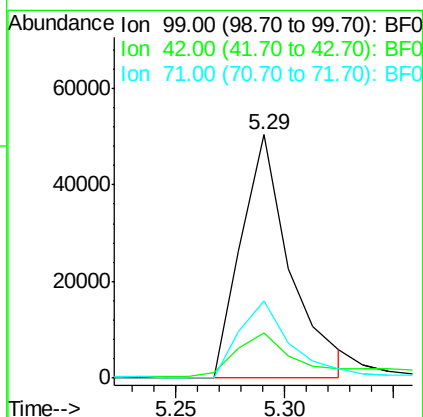
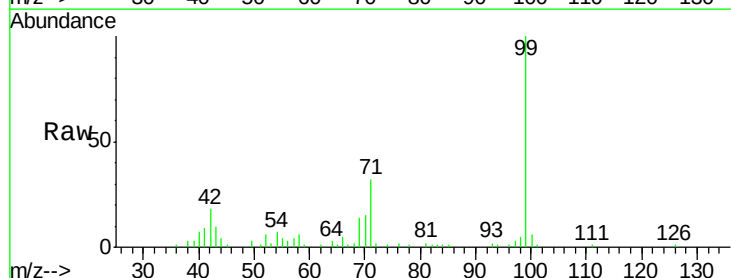
Tgt Ion: 99 Resp: 79232

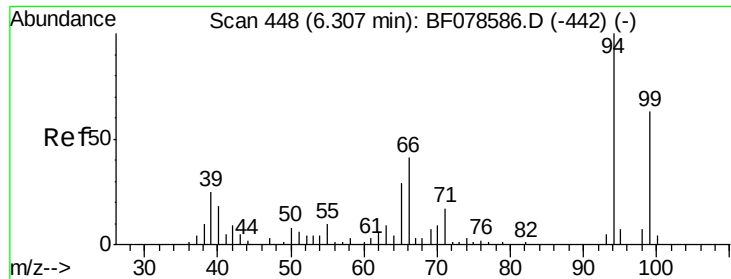
Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

71 31.5 26.6 39.8





#10

Phenol

Concen: 4.18 ng

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

ClientSampled :

MW-11

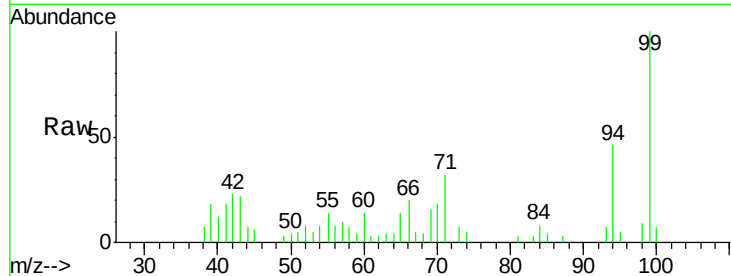
Tgt Ion: 94 Resp: 9216

Ion Ratio Lower Upper

94 100

65 30.7 4.9 44.9

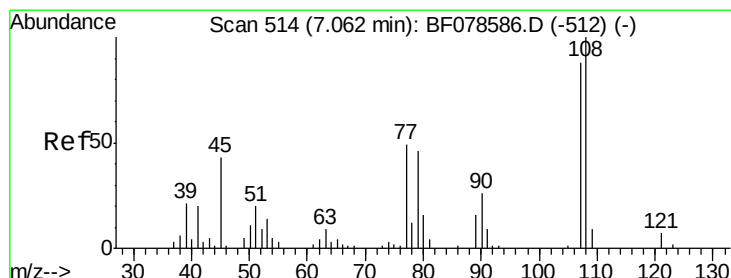
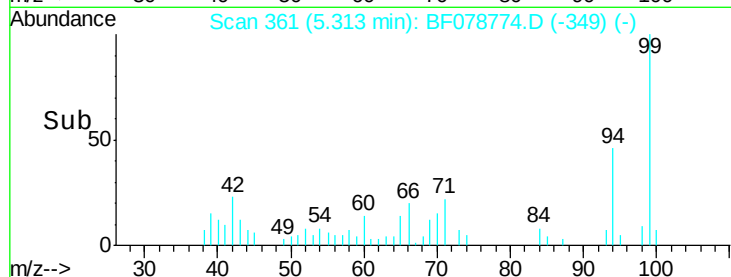
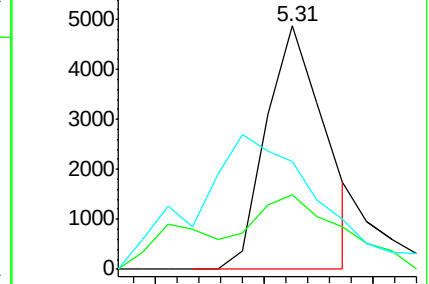
66 44.4 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#17

2-Methylphenol

Concen: 2.46 ng

RT: 6.28 min Scan# 446

Delta R.T. 0.02 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

Tgt Ion: 107 Resp: 3319

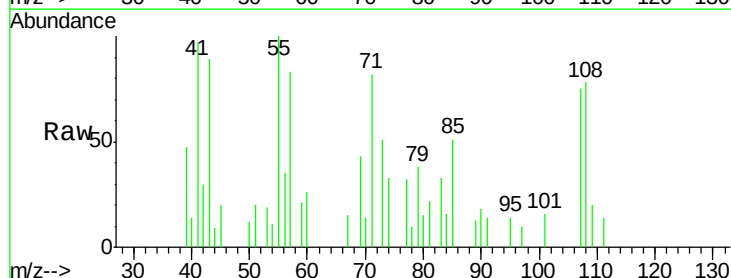
Ion Ratio Lower Upper

107 100

108 103.5 90.3 135.5

77 43.1 35.5 53.3

79 50.5 34.2 51.4

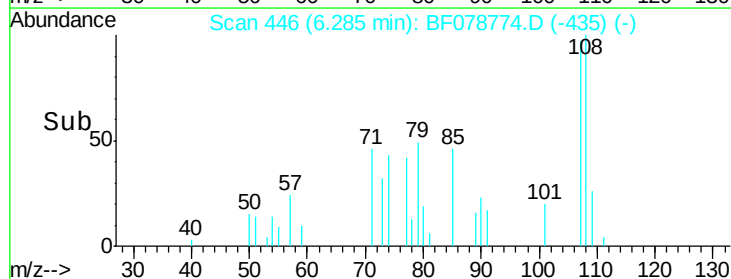
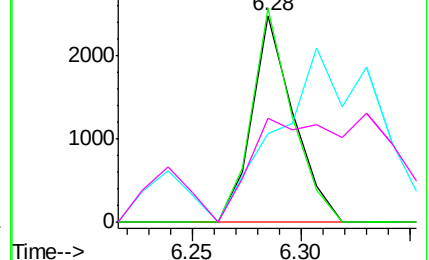


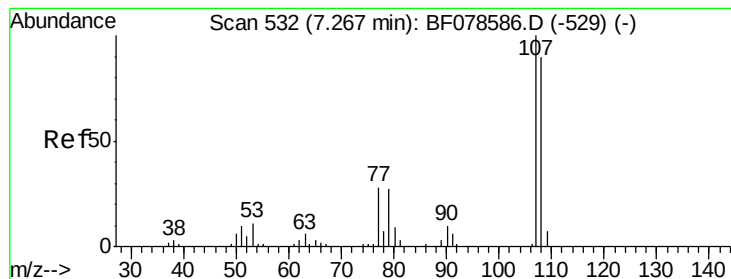
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#20

3+4-Methylphenols

Concen: 56.24 ng

RT: 6.55 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

Instrument :

BNA_F

ClientSampleId :

MW-11

Tgt Ion:107 Resp: 101032

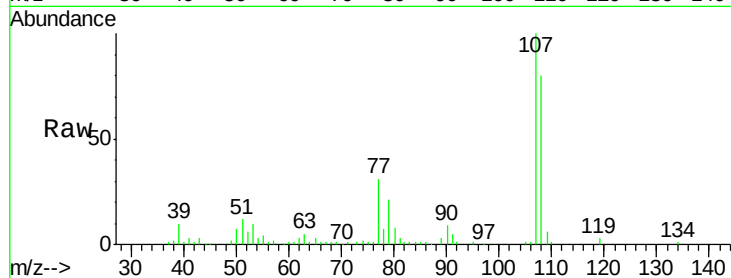
Ion Ratio Lower Upper

107 100

108 79.9 64.4 104.4

77 30.7 9.7 49.7

79 20.8 4.0 44.0

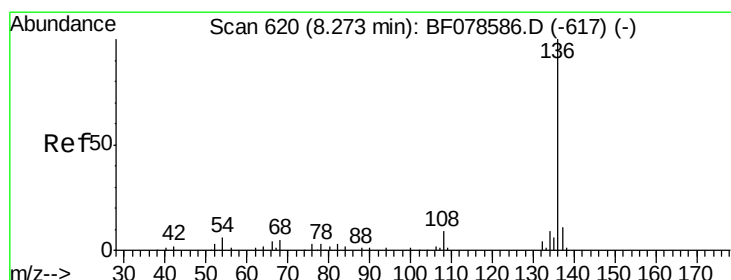
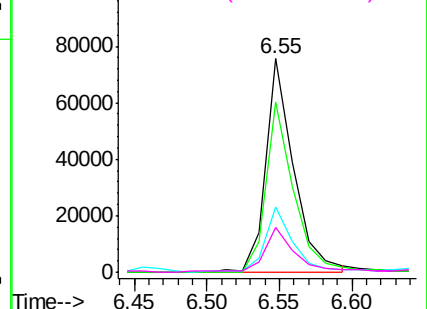
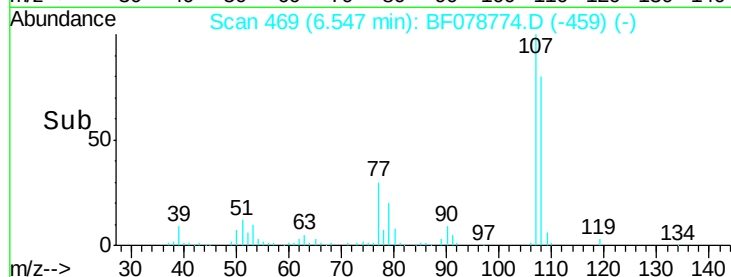


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#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

Tgt Ion:136 Resp: 99608

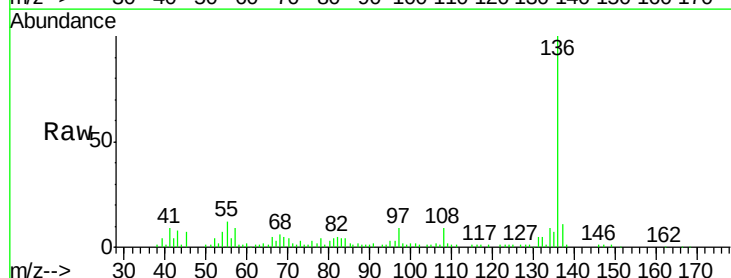
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.2 7.0 10.6

68 6.1 5.4 8.2

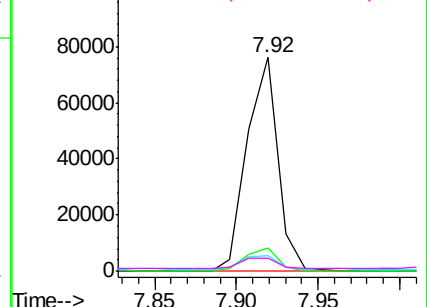
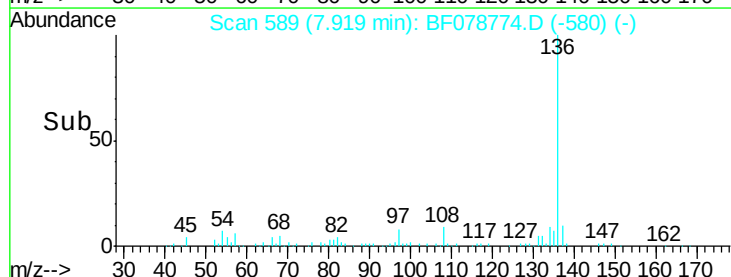


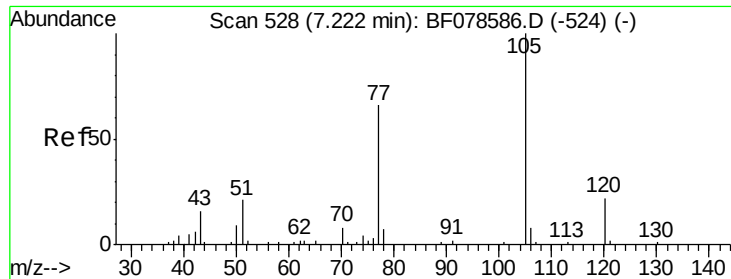
Abundance Ion 136.00 (135.70 to 136.70): E

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

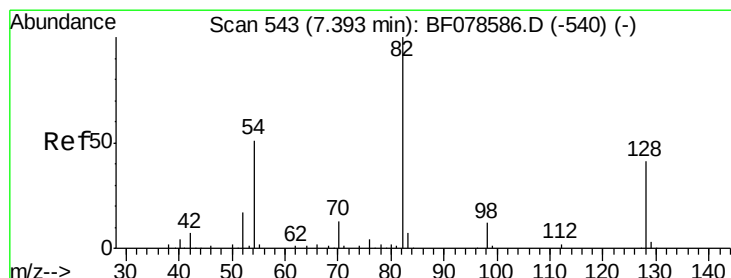
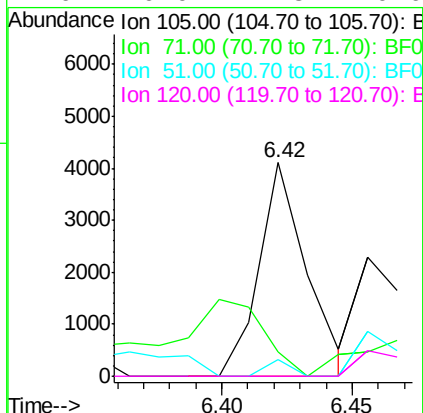
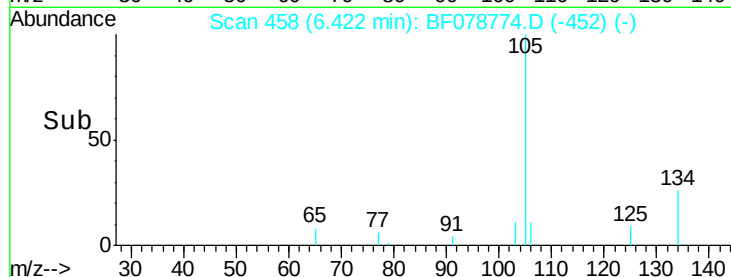
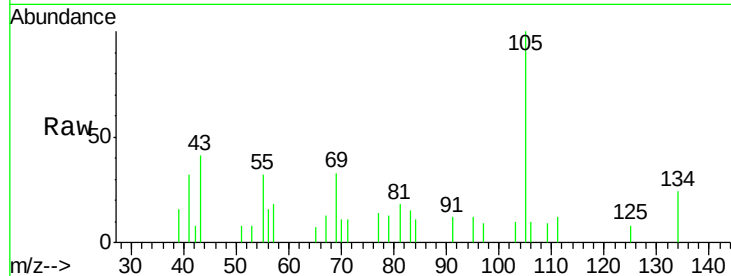




#22
Acetophenone
Concen: 2.25 ng
RT: 6.42 min Scan# 458
Delta R.T. -0.03 min
Lab File: BF078774.D
Acq: 24 Apr 2015 6:53

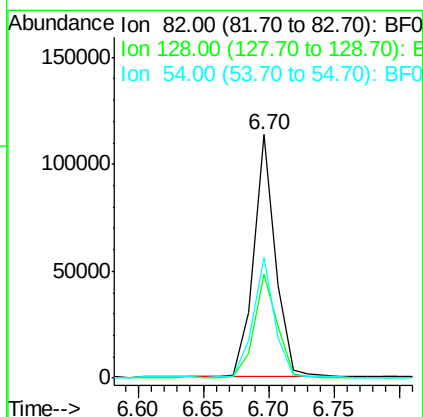
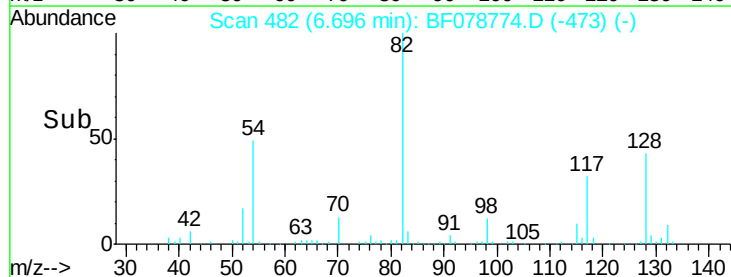
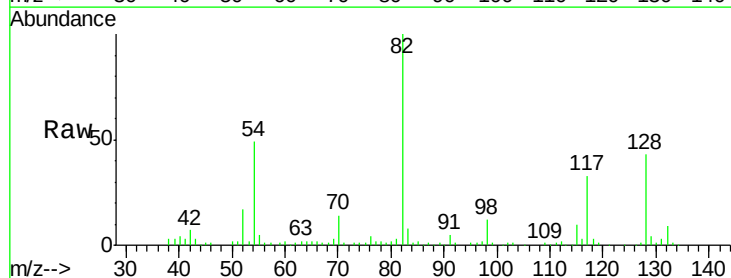
Instrument :
BNA_F
ClientSampleId :
MW-11

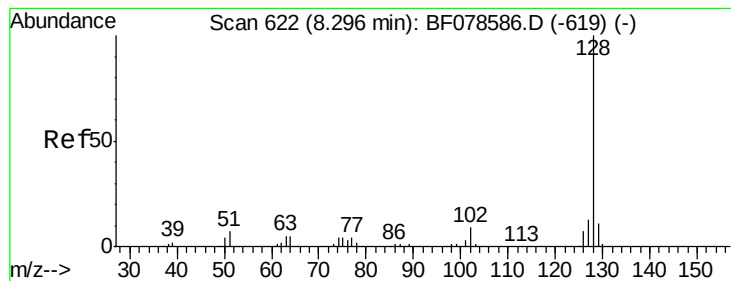
Tgt Ion: 105 Resp: 5228
Ion Ratio Lower Upper
105 100
71 11.3 5.5 8.3#
51 7.7 16.0 24.0#
120 0.0 17.8 26.6#



#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





#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

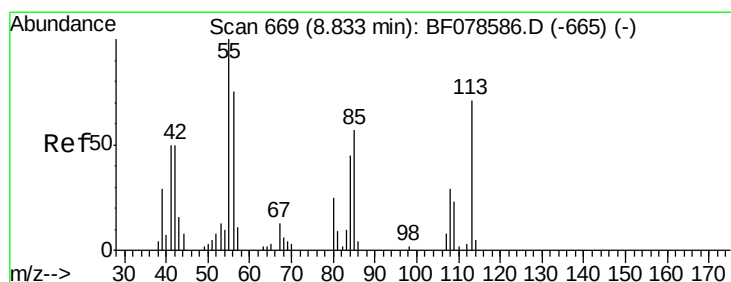
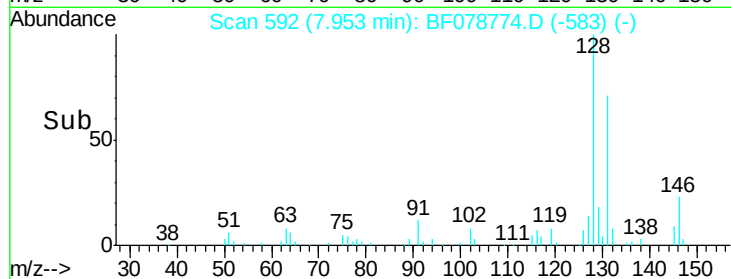
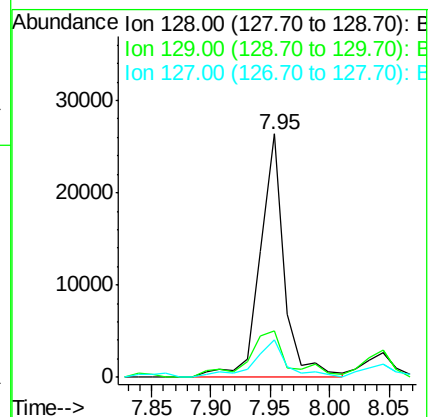
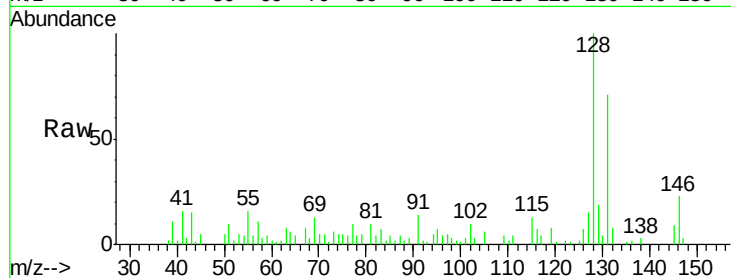
Tgt Ion:128 Resp: 37678

Ion Ratio Lower Upper

128 100

129 18.9 8.6 12.8#

127 15.3 10.7 16.1



#35

Caprolactam

Concen: 2.26 ng

RT: 8.76 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF078774.D

Acq: 24 Apr 2015 6:53

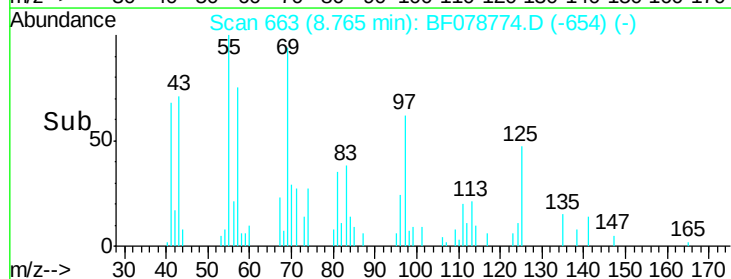
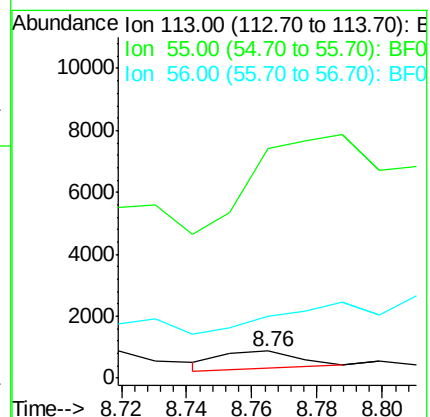
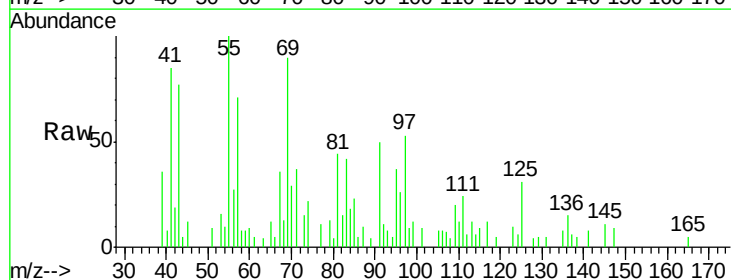
Tgt Ion:113 Resp: 934

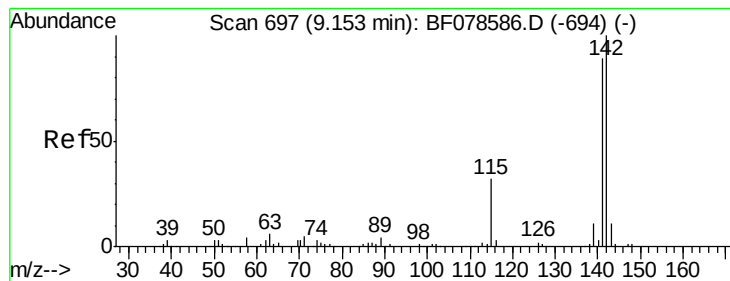
Ion Ratio Lower Upper

113 100

55 855.1 151.9 191.9#

56 230.5 106.1 146.1#





#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

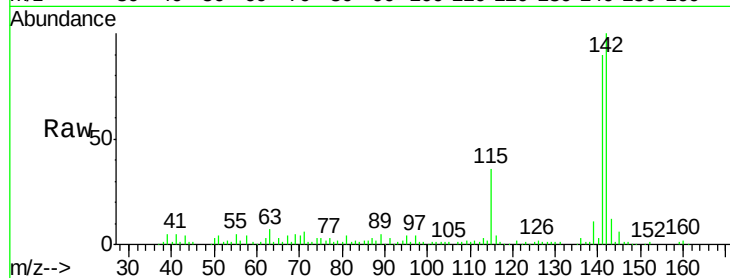
Tgt Ion:142 Resp: 171172

Ion Ratio Lower Upper

142 100

141 89.6 70.3 105.5

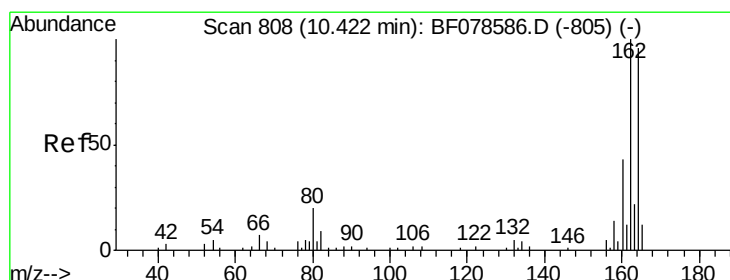
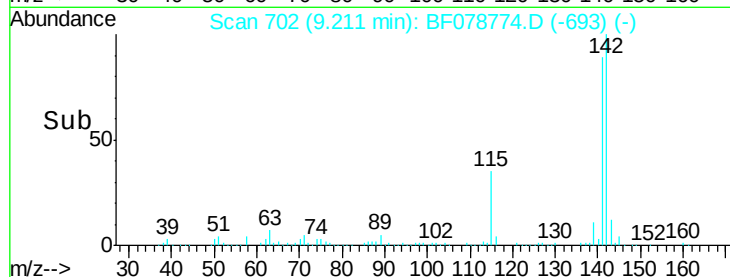
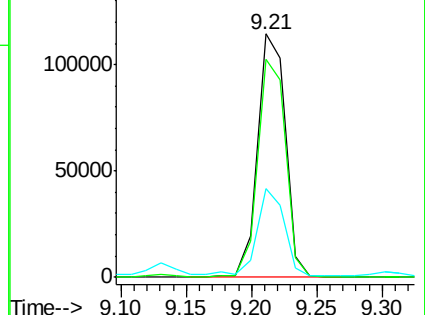
115 36.3 24.6 37.0



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

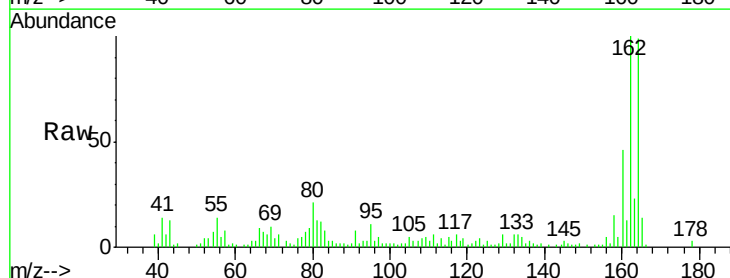
Tgt Ion:164 Resp: 52904

Ion Ratio Lower Upper

164 100

162 100.6 82.2 123.2

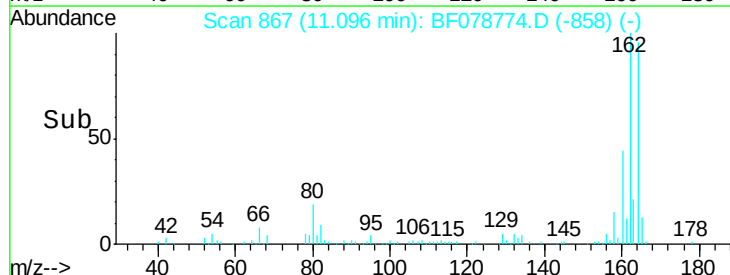
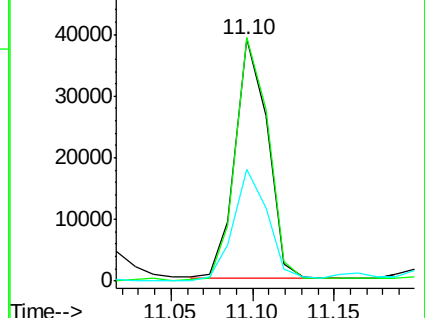
160 46.0 34.7 52.1

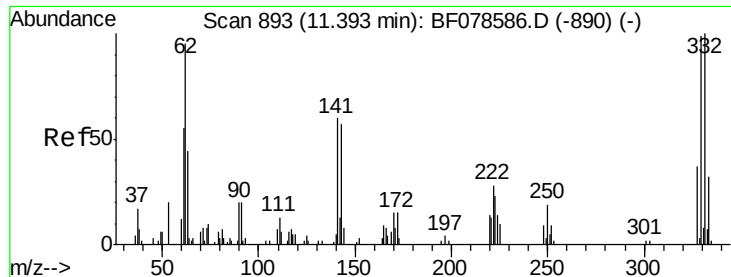


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

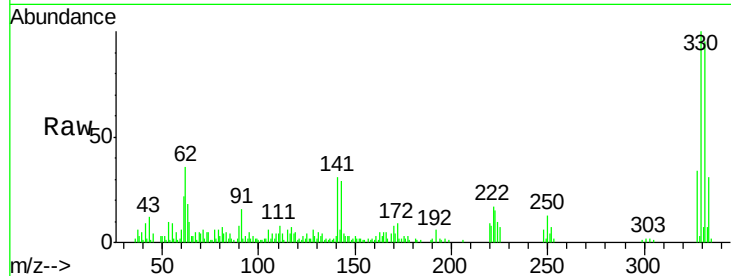




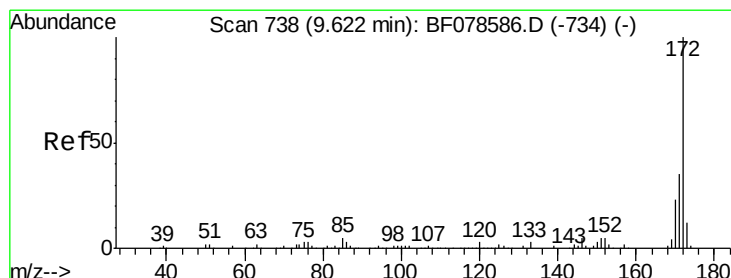
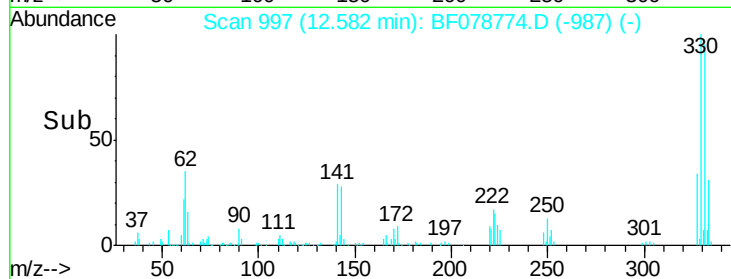
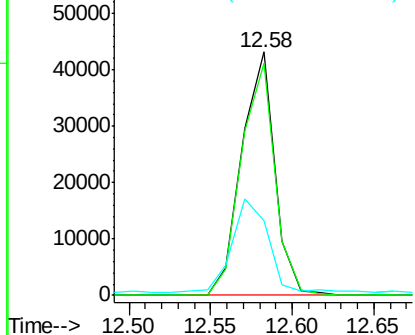
#41
 2,4,6-Tribromophenol
 Concen: 138.21 ng
 RT: 12.58 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF078774.D
 Acq: 24 Apr 2015 6:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:330 Resp: 60640
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.6 117.8
 141 40.8 31.2 46.8

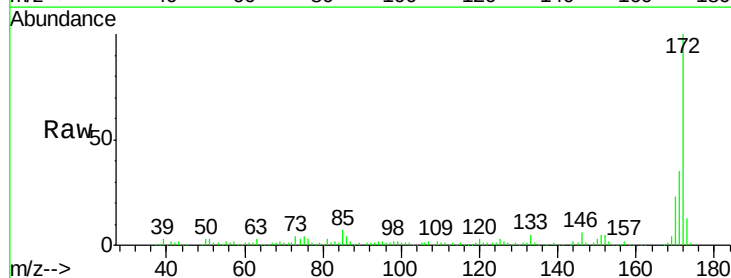


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

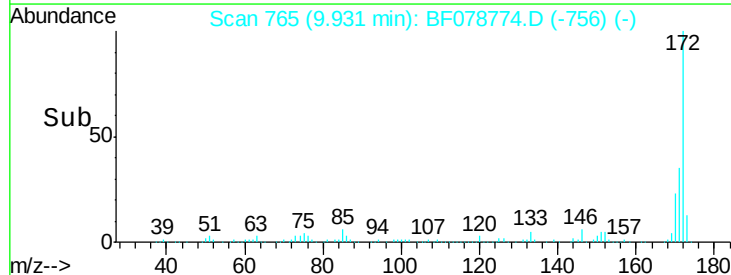
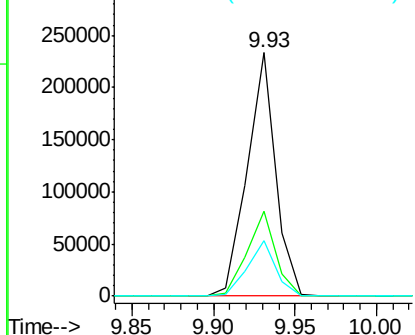


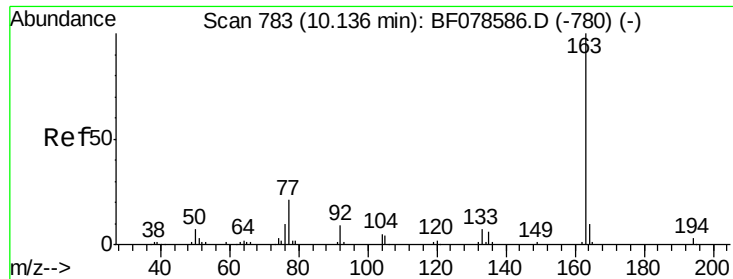
#44
 2-Fluorobiphenyl
 Concen: 75.93 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF078774.D
 Acq: 24 Apr 2015 6:53

Tgt Ion:172 Resp: 281011
 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

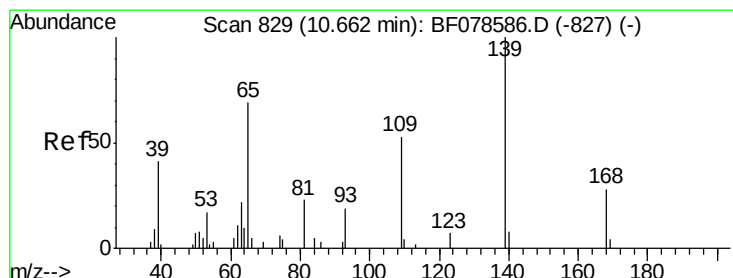
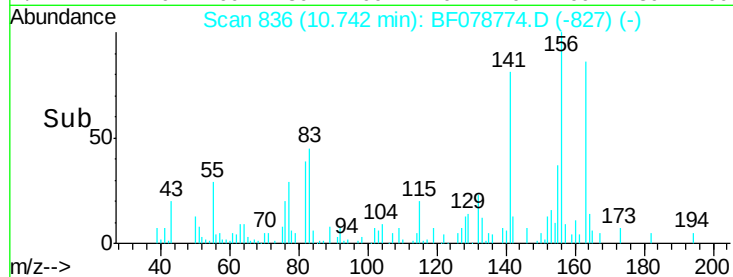
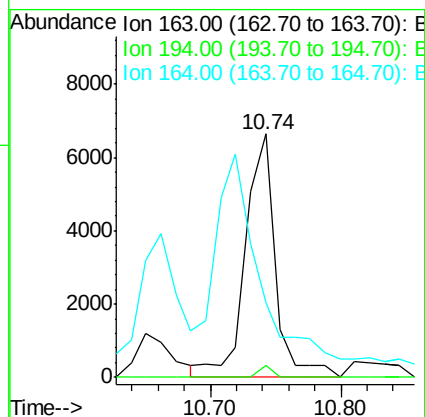
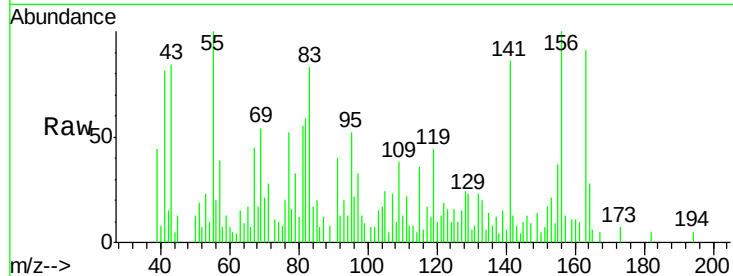




#49
Dimethylphthalate
Concen: 2.68 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF078774.D
Acq: 24 Apr 2015 6:53

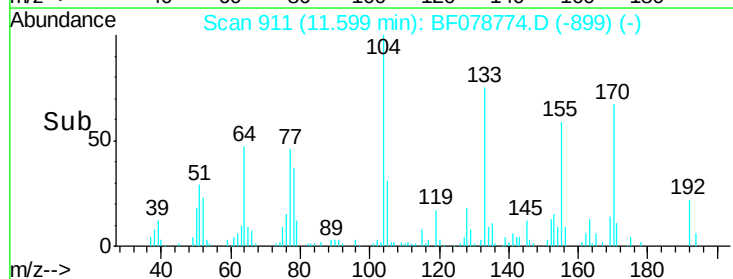
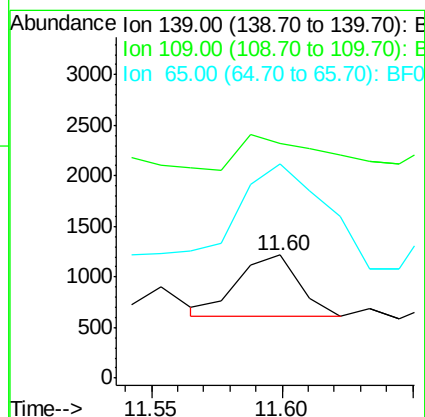
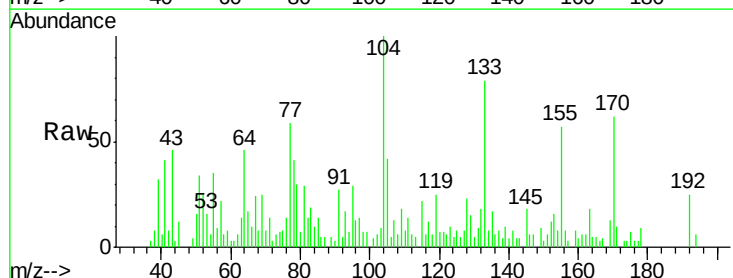
Instrument :
BNA_F
ClientSampleId :
MW-11

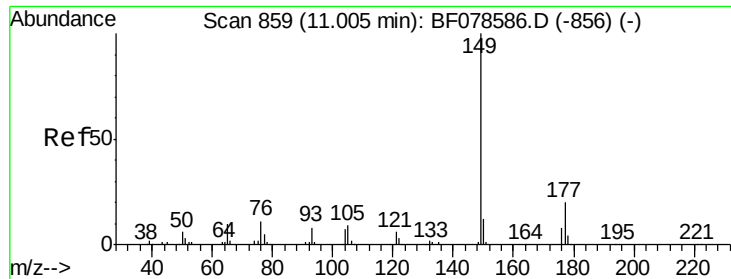
Tgt Ion:163 Resp: 10639
Ion Ratio Lower Upper
163 100
194 5.0 2.3 3.5#
164 30.7 8.6 13.0#



#55
4-Nitrophenol
Concen: 4.14 ng
RT: 11.60 min Scan# 911
Delta R.T. 0.03 min
Lab File: BF078774.D
Acq: 24 Apr 2015 6:53

Tgt Ion:139 Resp: 978
Ion Ratio Lower Upper
139 100
109 191.0 36.7 76.7#
65 173.8 49.9 89.9#

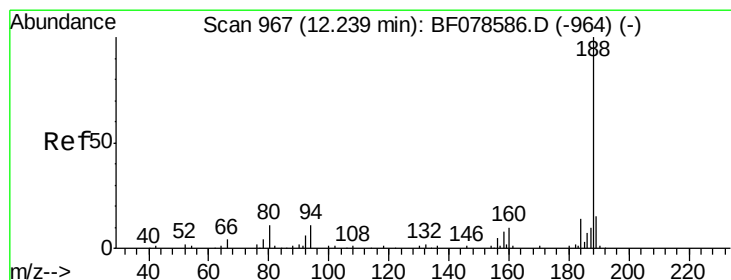
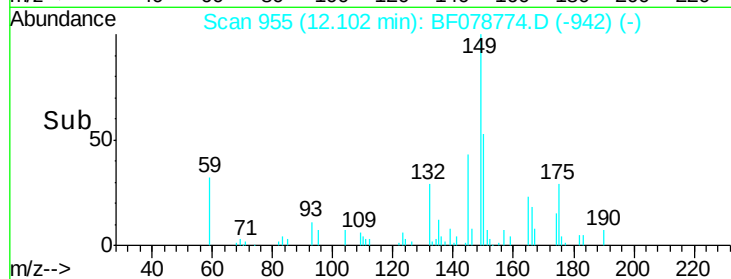
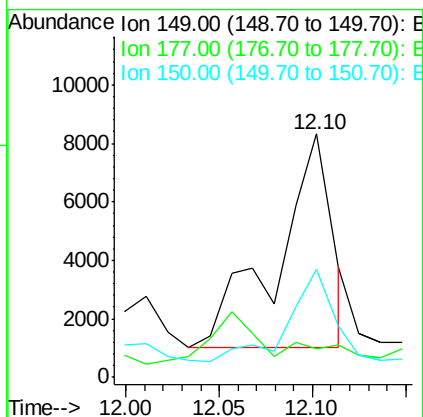
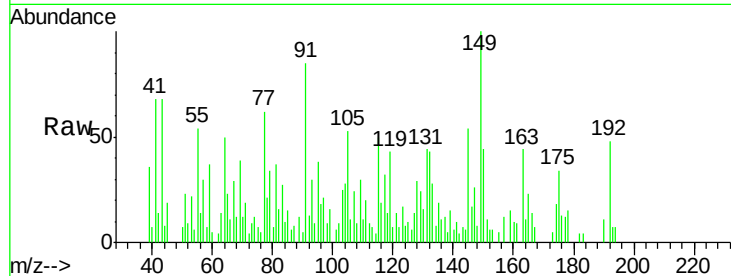




#59
Diethylphthalate
Concen: 3.95 ng
RT: 12.10 min Scan# 955
Delta R.T. 0.05 min
Lab File: BF078774.D
Acq: 24 Apr 2015 6:53

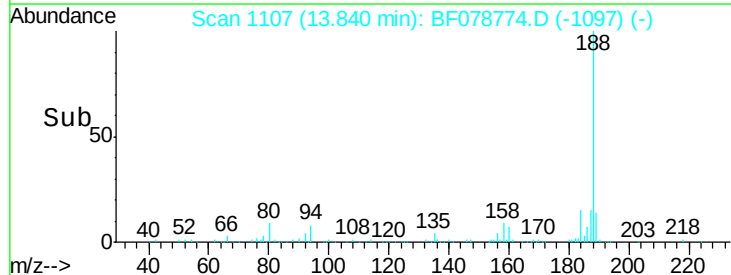
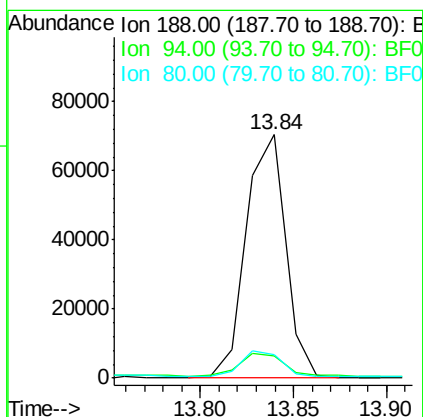
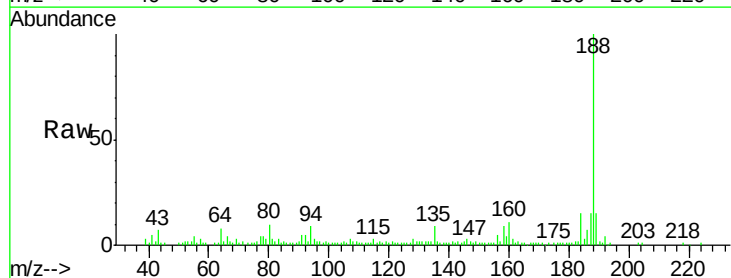
Instrument :
BNA_F
ClientSampleId :
MW-11

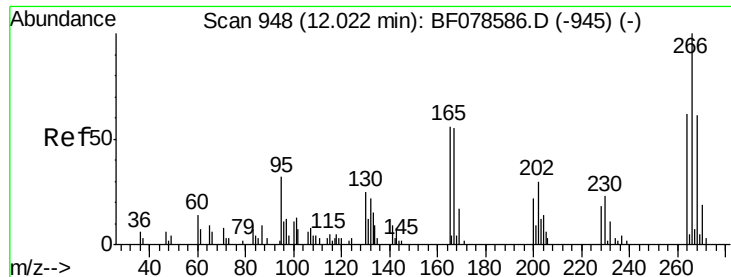
Tgt Ion:149 Resp: 15154
Ion Ratio Lower Upper
149 100
177 11.9 17.4 26.2#
150 44.1 9.4 14.2#



#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

Tgt Ion:188 Resp: 103887
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.5 9.5 14.3

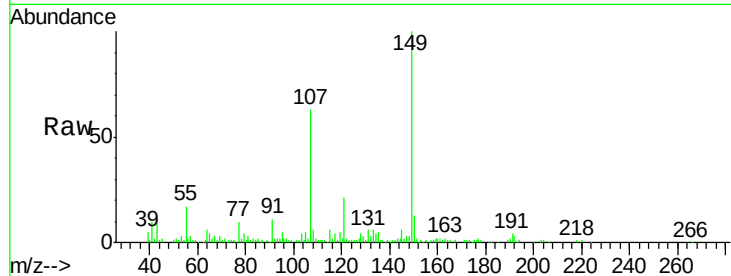




#69
 Pentachlorophenol
 Concen: 8.13 ng
 RT: 13.54 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BF078774.D
 Acq: 24 Apr 2015 6:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

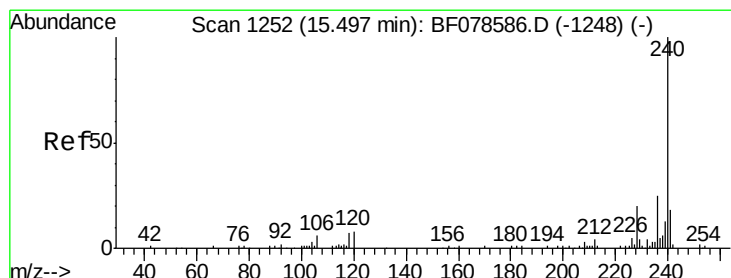
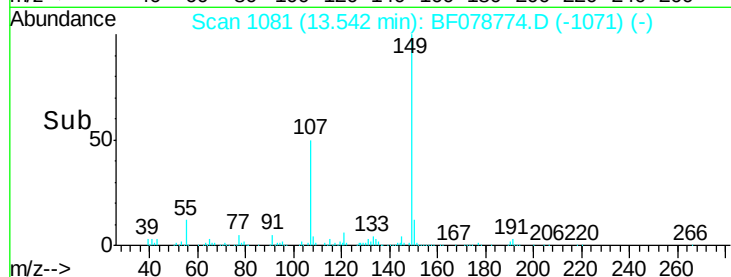
Tgt Ion: 266 Resp: 220
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.1 75.1#
 264 0.0 50.0 75.0#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

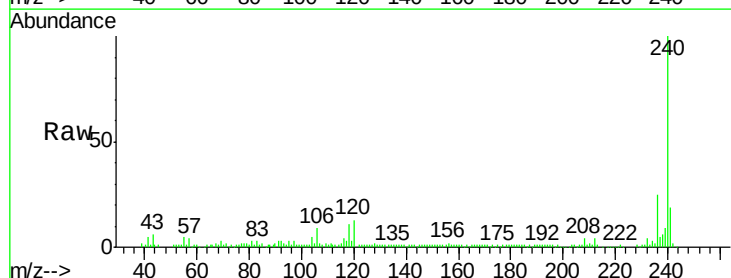


Time--> 13.50 13.55

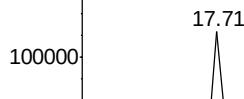


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF078774.D
 Acq: 24 Apr 2015 6:53

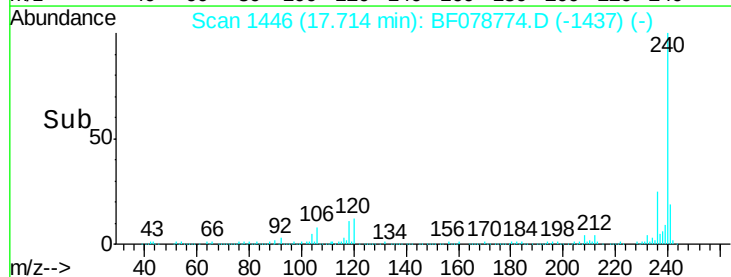
Tgt Ion: 240 Resp: 120722
 Ion Ratio Lower Upper
 240 100
 120 12.9 7.1 10.7#
 236 24.8 21.4 32.2

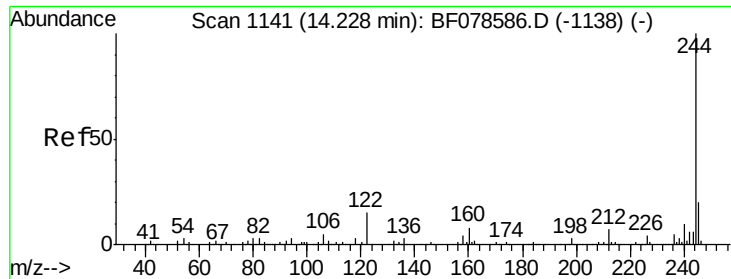


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time--> 17.70 17.80

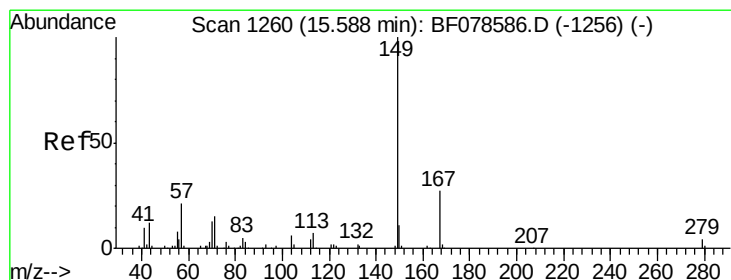
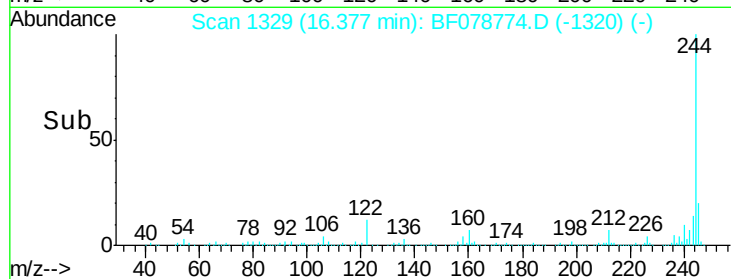
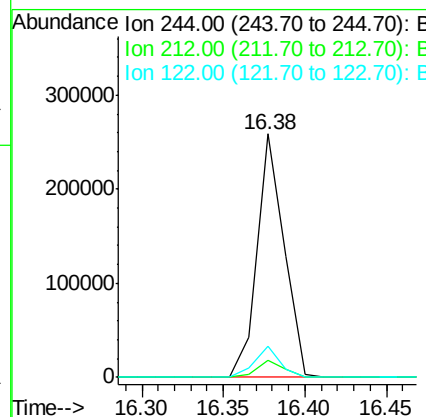
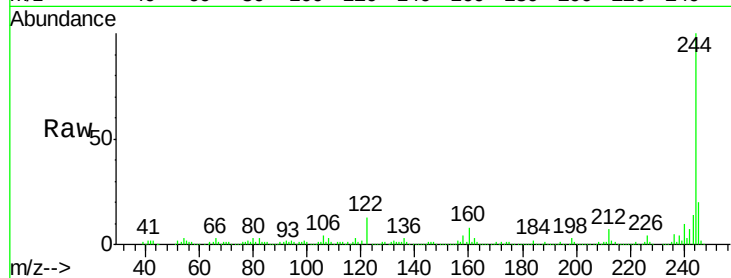




#78
 Terphenyl-d14
 Concen: 55.81 ng
 RT: 16.38 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF078774.D
 Acq: 24 Apr 2015 6:53

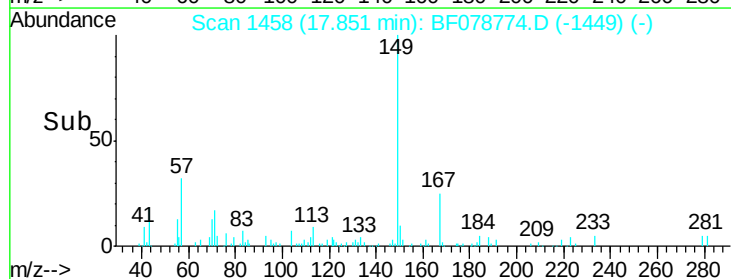
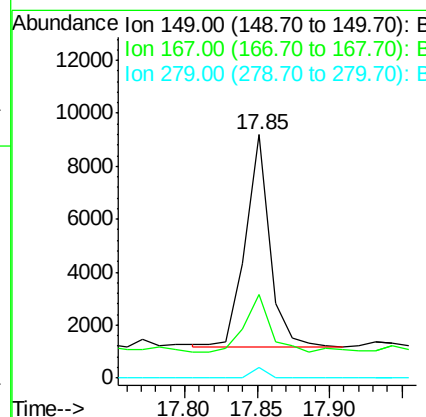
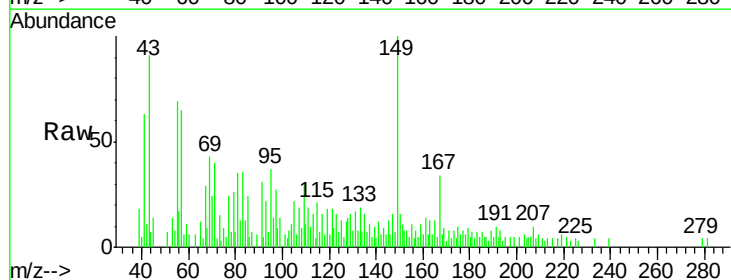
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

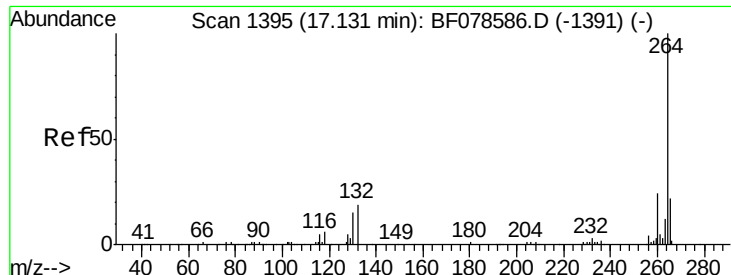
Tgt Ion: 244 Resp: 298143
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 12.7 7.1 10.7#



#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

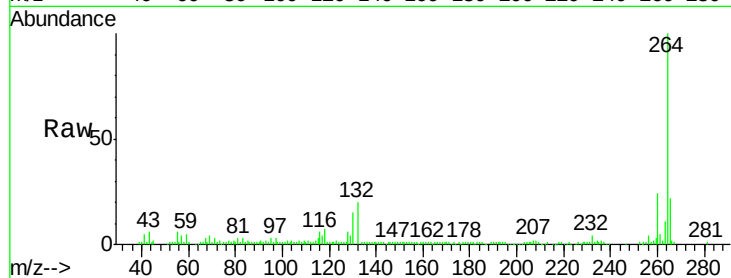




#86
Perylene-d12
Concen: 20.00 ng
RT: 19.43 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF078774.D
Acq: 24 Apr 2015 6:53

Instrument :
BNA_F
ClientSampleId :
MW-11

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



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

