

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078384.D
 Acq On : 10 Apr 2015 5:25
 Operator : TP/IZ
 Sample : G1782-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD04

Quant Time: Apr 10 05:12:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 01:53:29 2015
 Response via : Initial Calibration

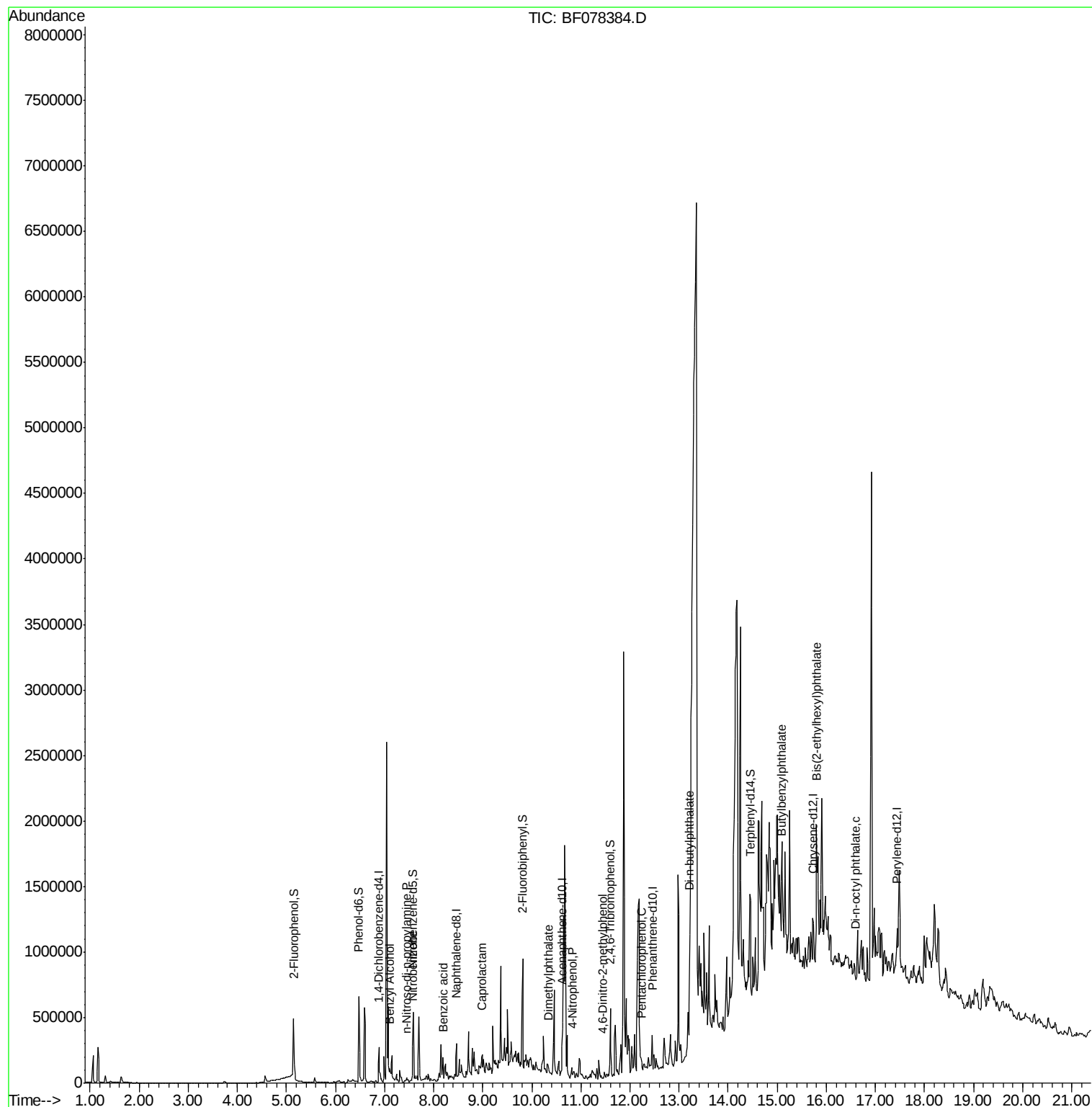
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	36723	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	147874	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	72926	20.00	ng	0.00
63) Phenanthrene-d10	12.45	188	139047	20.00	ng	0.01
75) Chrysene-d12	15.72	240	139878	20.00	ng	0.01
86) Perylene-d12	17.44	264	141016	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	192919	86.62	ng	0.01
7) Phenol-d6	6.48	99	241577	86.55	ng	0.00
23) Nitrobenzene-d5	7.58	82	152411	62.47	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	58153	96.15	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	301550	59.11	ng	0.00
78) Terphenyl-d14	14.45	244	331328	53.52	ng	0.01
Target Compounds						
15) Benzyl Alcohol	7.10	79	21522	10.97	ng	# 80
19) n-Nitroso-di-n-propylamine	7.45	70	4191	2.28	ng	# 62
24) Nitrobenzene	7.57	77	8777	3.44	ng	# 23
32) Benzoic acid	8.20	122	3765	8.91	ng	# 69
35) Caprolactam	8.99	113	1459	2.38	ng	# 1
49) Dimethylphthalate	10.33	163	30784	5.62	ng	# 97
55) 4-Nitrophenol	10.82	139	619	3.40	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.45	198	573	9.25	ng	# 78
69) Pentachlorophenol	12.24	266	218	8.03	ng	# 19
73) Di-n-butylphthalate	13.22	149	26975	3.21	ng	# 92
79) Butylbenzylphthalate	15.08	149	67798	20.26	ng	# 82
83) Bis(2-ethylhexyl)phthalate	15.80	149	434270	82.73	ng	# 96
84) Di-n-octyl phthalate	16.59	149	18989	2.20	ng	# 100

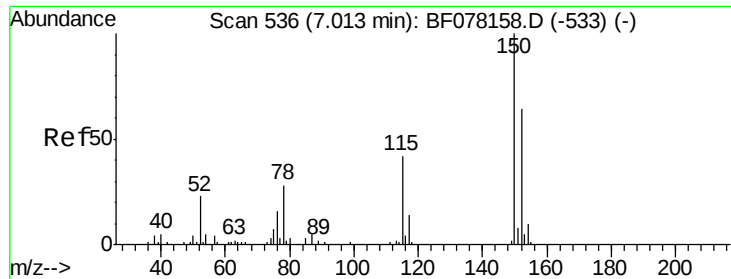
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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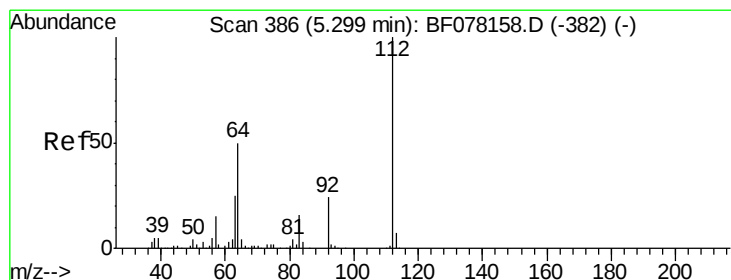
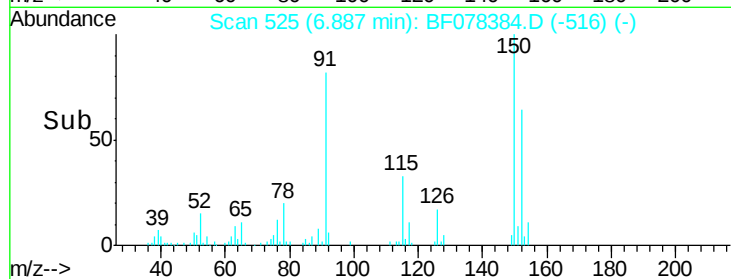
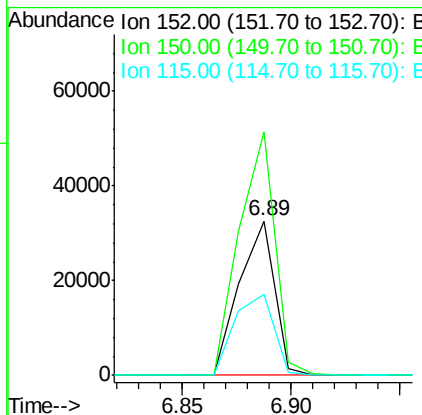
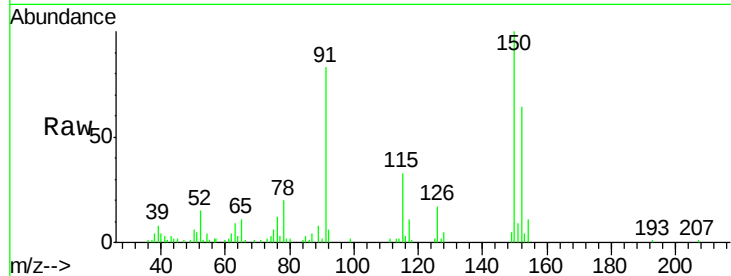


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF078384.D
Acq: 10 Apr 2015 5:25

Instrument :
BNA_F
ClientSampleId :
FD04

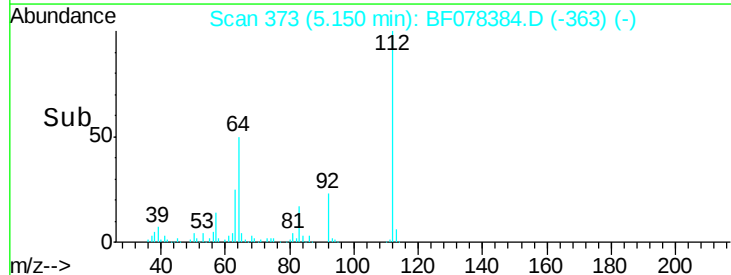
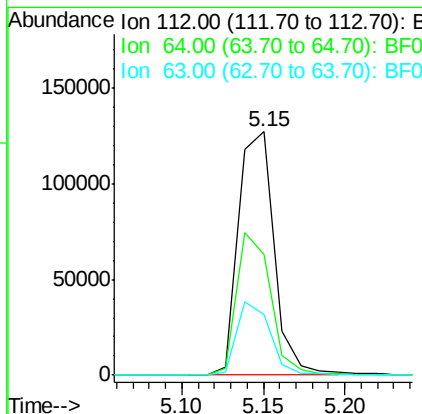
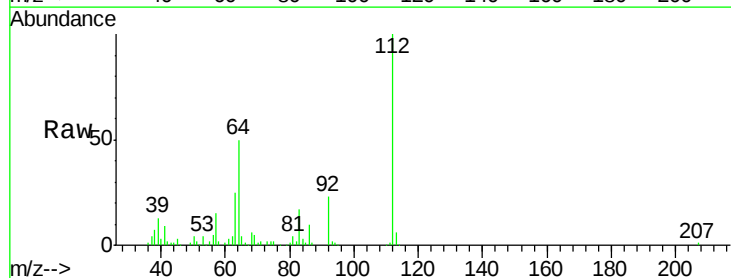
Tgt Ion:152 Resp: 36723
Ion Ratio Lower Upper
152 100
150 157.5 125.9 188.9
115 52.7 52.7 79.1

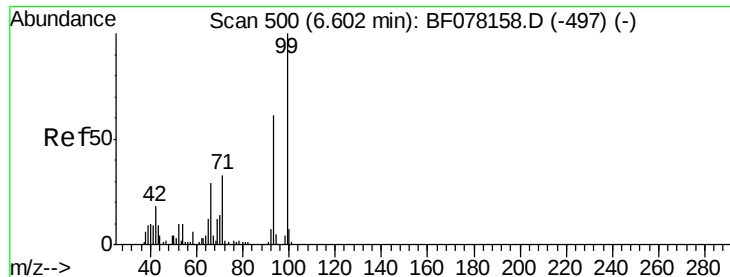


#5

2-Fluorophenol
Concen: 86.62 ng
RT: 5.15 min Scan# 373
Delta R.T. 0.01 min
Lab File: BF078384.D
Acq: 10 Apr 2015 5:25

Tgt Ion:112 Resp: 192919
Ion Ratio Lower Upper
112 100
64 49.6 39.9 59.9
63 25.1 20.2 30.4





#7

Phenol-d6

Concen: 86.55 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

Instrument :

BNA_F

ClientSampleId :

FD04

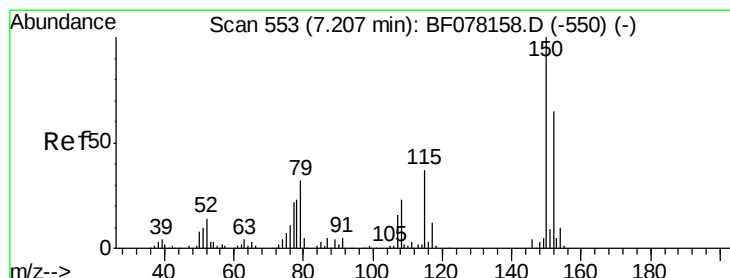
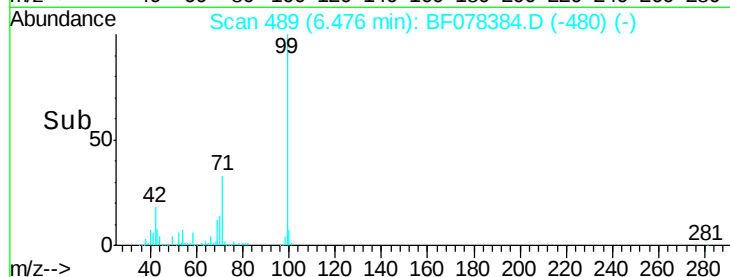
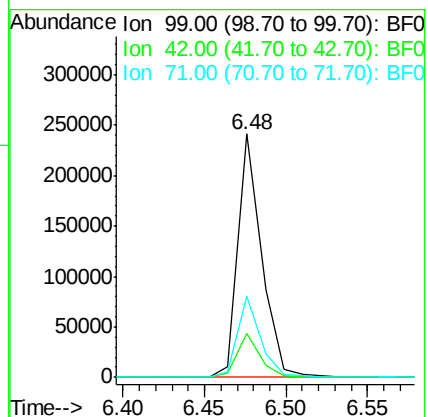
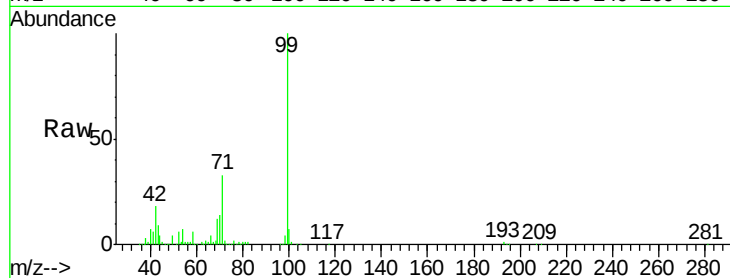
Tgt Ion: 99 Resp: 241577

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

71 33.4 26.6 39.8



#15

Benzyl Alcohol

Concen: 10.97 ng

RT: 7.10 min Scan# 544

Delta R.T. 0.02 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

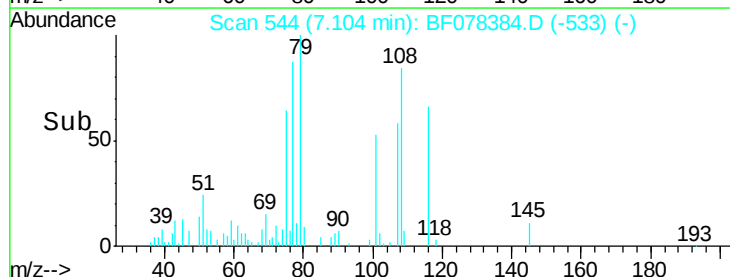
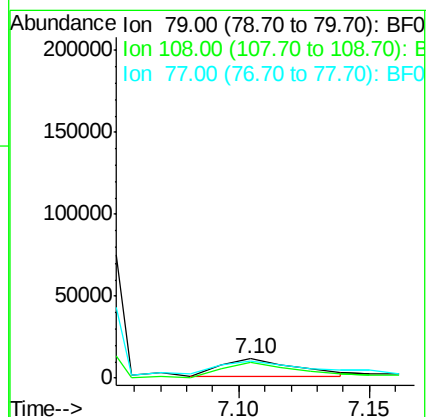
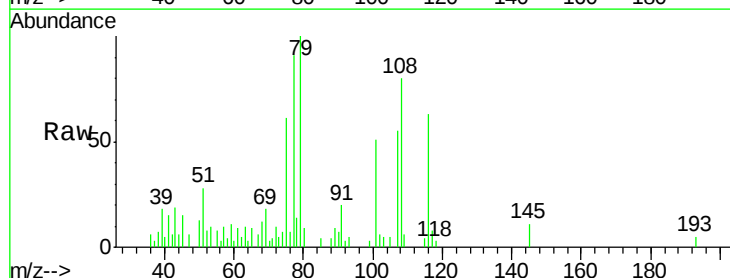
Tgt Ion: 79 Resp: 21522

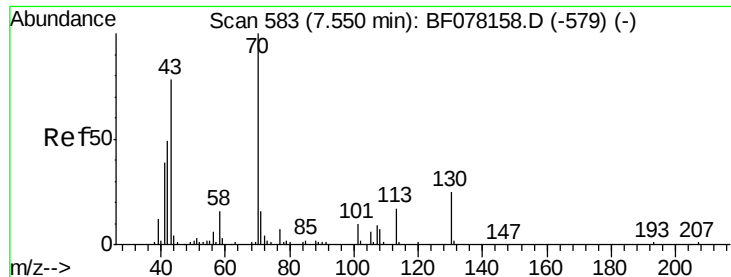
Ion Ratio Lower Upper

79 100

108 80.5 57.6 86.4

77 90.7 53.5 80.3#





#19

n-Nitroso-di-n-propylamine

Concen: 2.28 ng

RT: 7.45 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

Instrument :

BNA_F

ClientSampleId :

FD04

Tgt Ion: 70 Resp: 4191

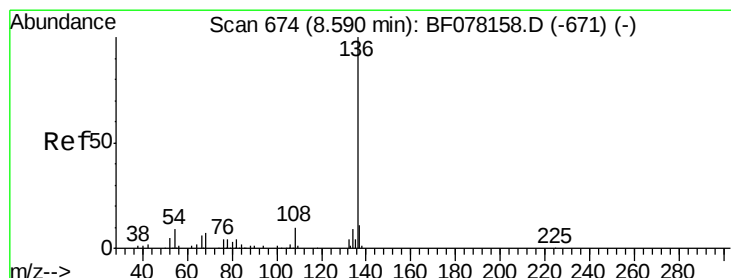
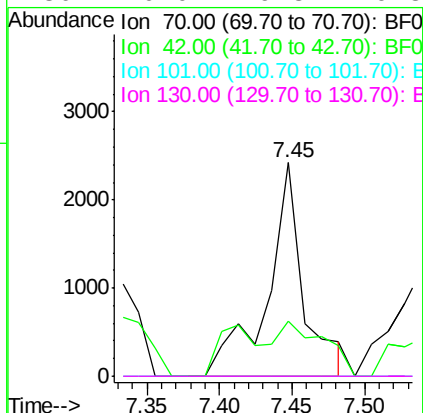
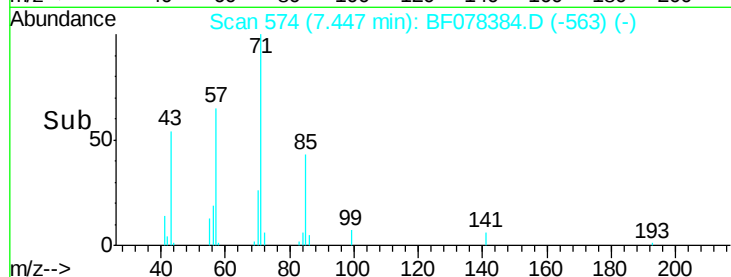
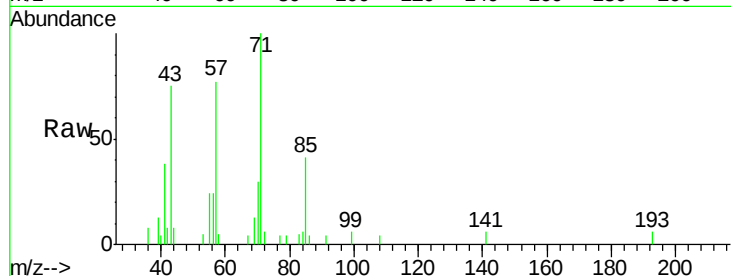
Ion Ratio Lower Upper

70 100

42 25.6 38.9 58.3#

101 0.0 8.3 12.5#

130 0.0 19.8 29.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

Tgt Ion: 136 Resp: 147874

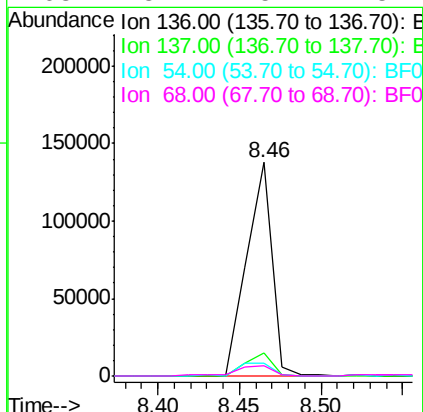
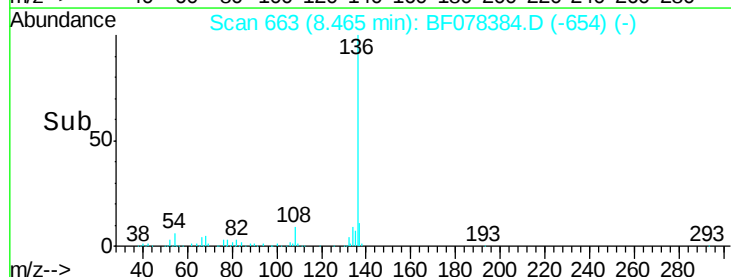
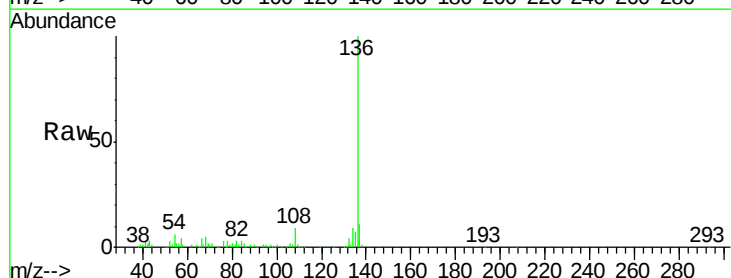
Ion Ratio Lower Upper

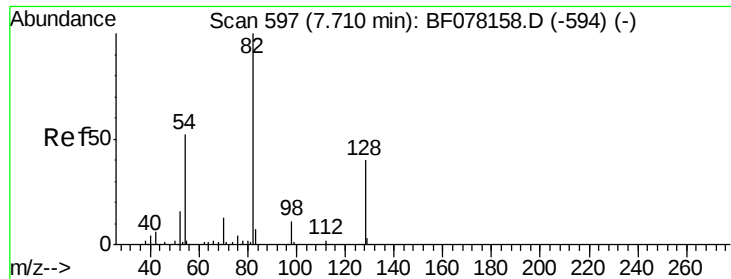
136 100

137 10.6 9.0 13.4

54 6.0 7.0 10.6#

68 5.1 5.4 8.2#

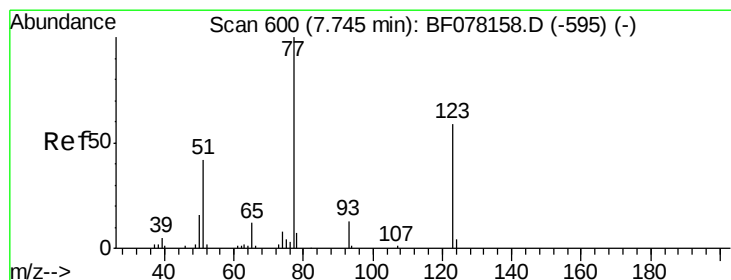
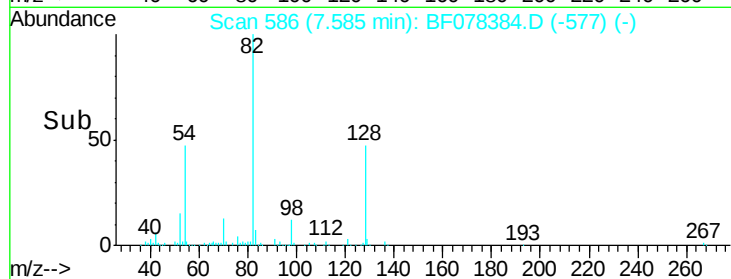
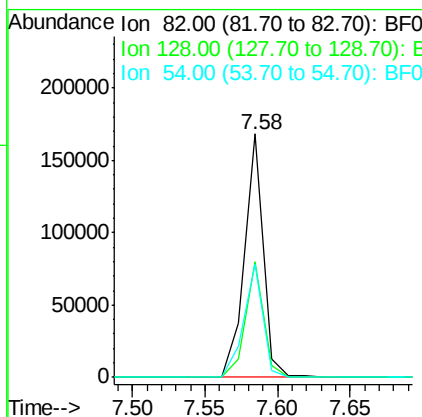
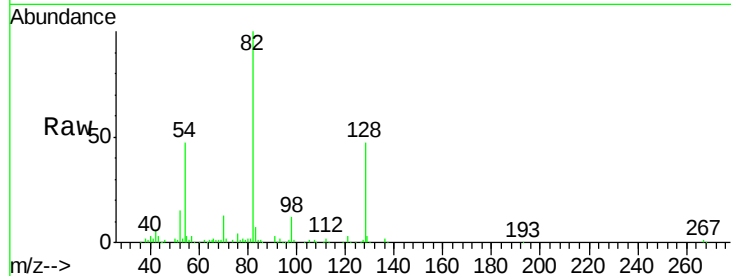




#23
 Nitrobenzene-d5
 Concen: 62.47 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF078384.D
 Acq: 10 Apr 2015 5:25

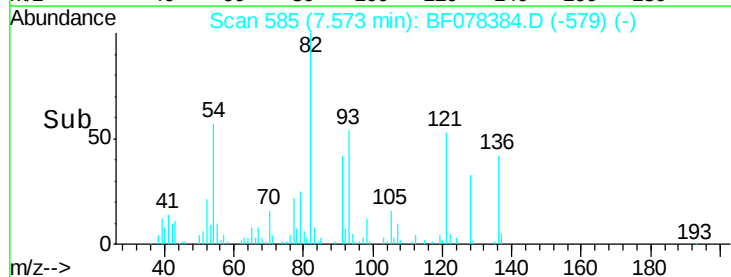
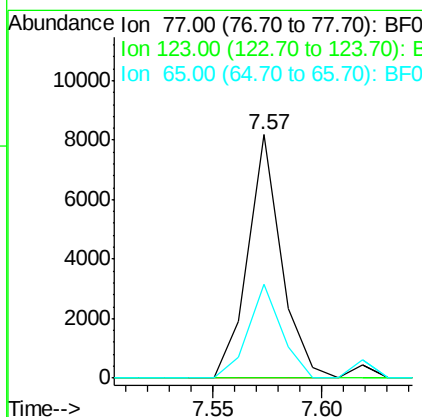
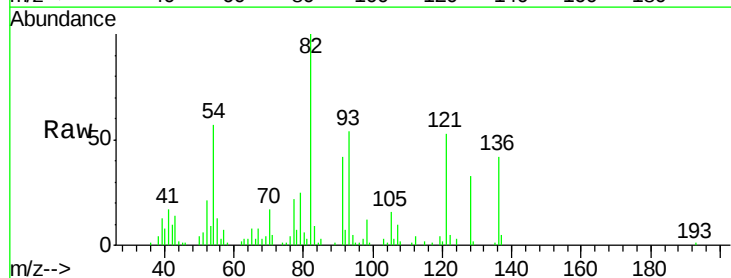
Instrument :
 BNA_F
 ClientSampleId :
 FD04

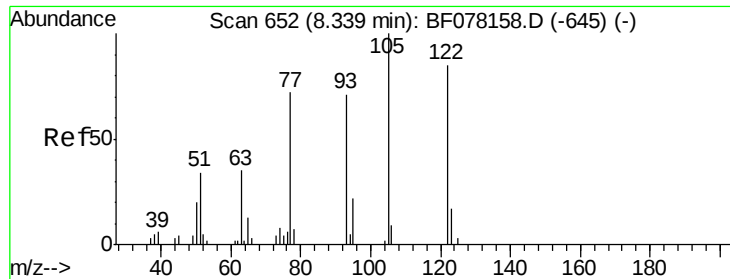
Tgt Ion: 82 Resp: 152411
 Ion Ratio Lower Upper
 82 100
 128 47.2 31.8 47.8
 54 46.7 41.5 62.3



#24
 Nitrobenzene
 Concen: 3.44 ng
 RT: 7.57 min Scan# 585
 Delta R.T. -0.03 min
 Lab File: BF078384.D
 Acq: 10 Apr 2015 5:25

Tgt Ion: 77 Resp: 8777
 Ion Ratio Lower Upper
 77 100
 123 0.0 46.9 70.3#
 65 38.6 9.5 14.3#

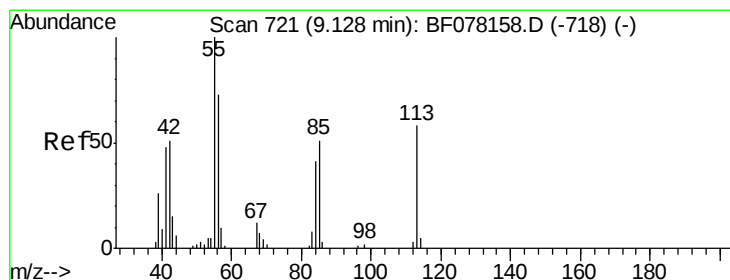
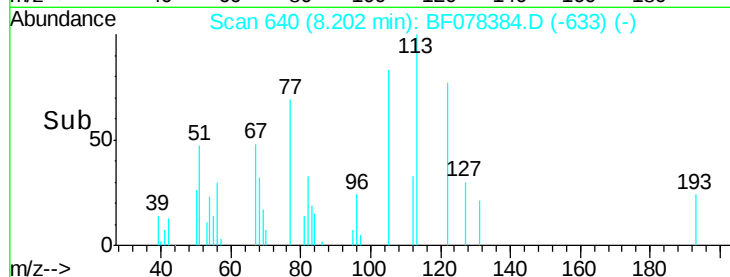
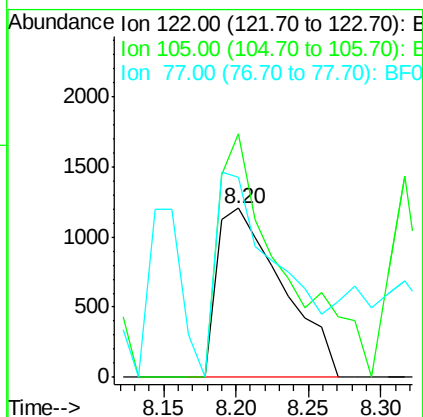
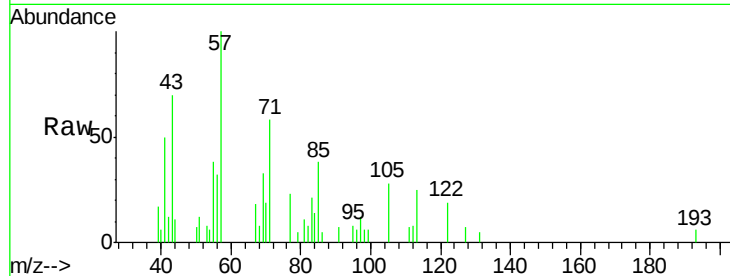




#32
Benzoic acid
Concen: 8.91 ng
RT: 8.20 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF078384.D
Acq: 10 Apr 2015 5:25

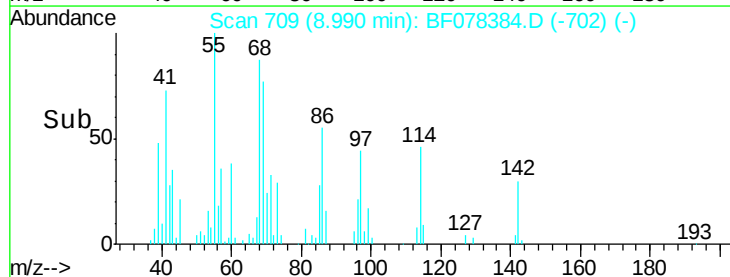
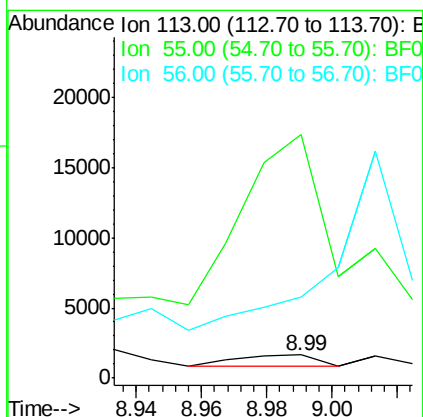
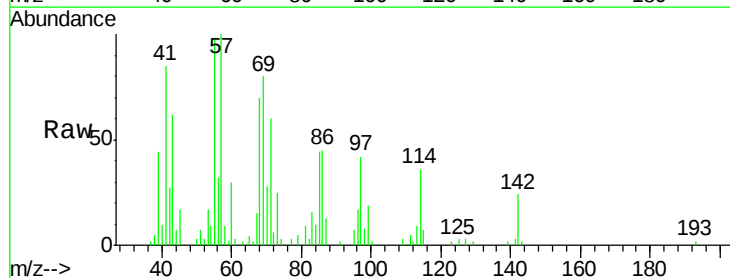
Instrument :
BNA_F
ClientSampled :
FD04

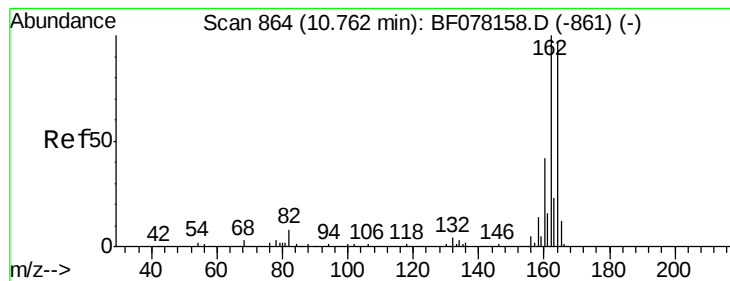
Tgt Ion:122 Resp: 3765
Ion Ratio Lower Upper
122 100
105 143.8 96.1 136.1#
77 118.3 64.1 104.1#



#35
Caprolactam
Concen: 2.38 ng
RT: 8.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF078384.D
Acq: 10 Apr 2015 5:25

Tgt Ion:113 Resp: 1459
Ion Ratio Lower Upper
113 100
55 1058.7 151.9 191.9#
56 351.4 106.1 146.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

Instrument :

BNA_F

ClientSampleId :

FD04

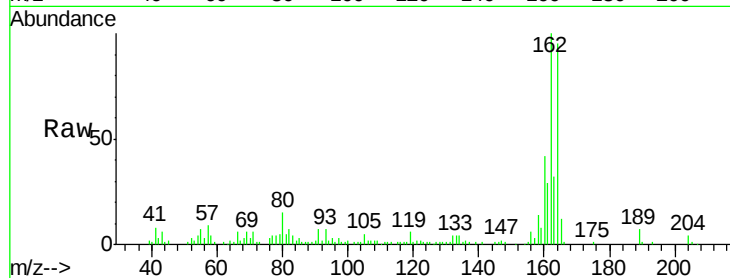
Tgt Ion:164 Resp: 72926

Ion Ratio Lower Upper

164 100

162 105.2 82.2 123.2

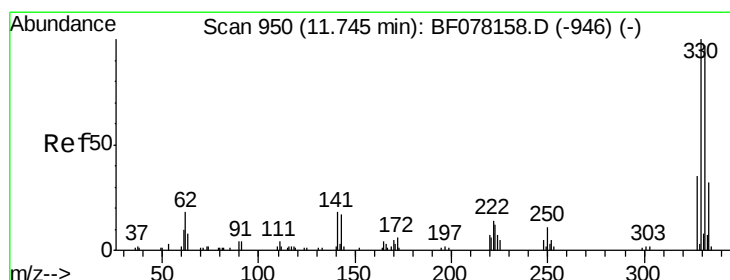
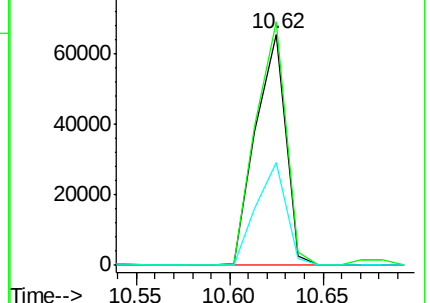
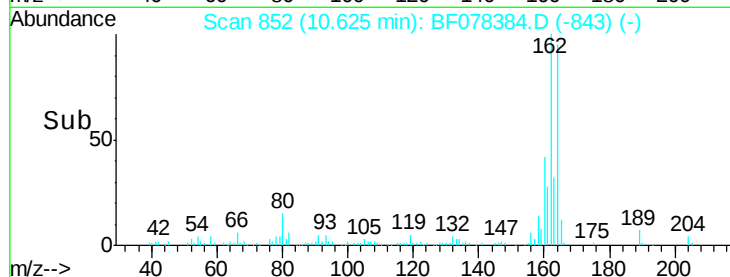
160 44.5 34.7 52.1



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: 96.15 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

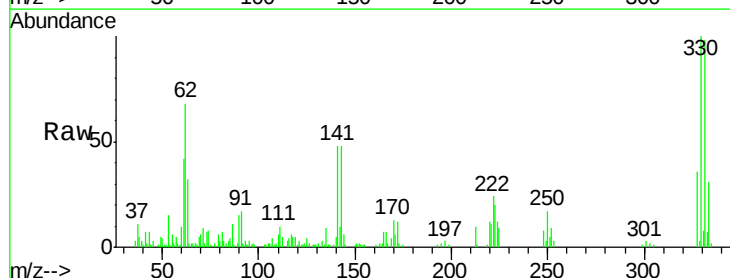
Tgt Ion:330 Resp: 58153

Ion Ratio Lower Upper

330 100

332 96.4 78.6 117.8

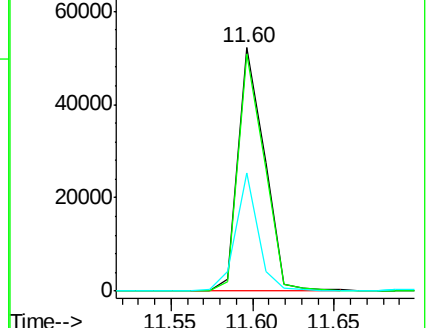
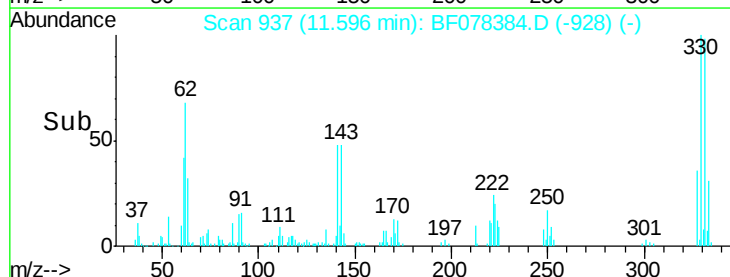
141 41.1 31.2 46.8

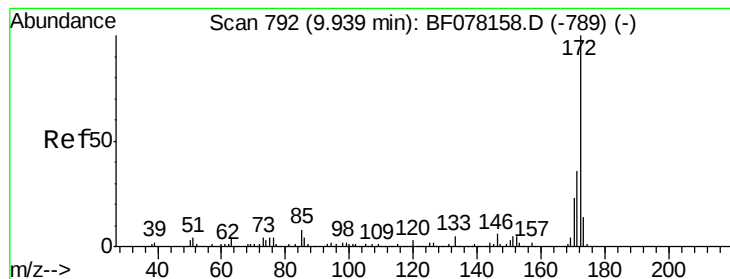


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 59.11 ng

RT: 9.81 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

Instrument :

BNA_F

ClientSampleId :

FD04

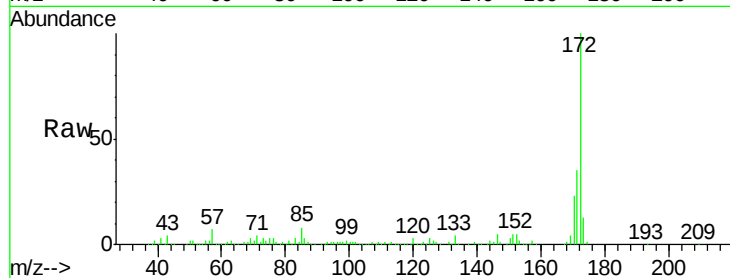
Tgt Ion:172 Resp: 301550

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

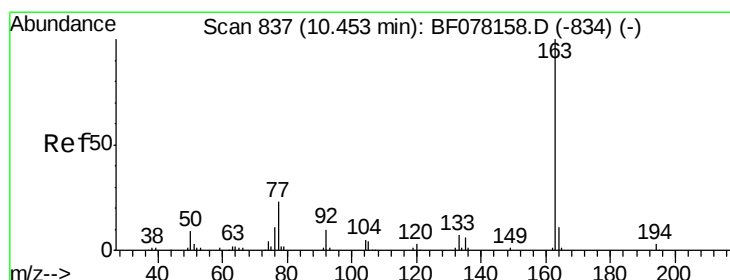
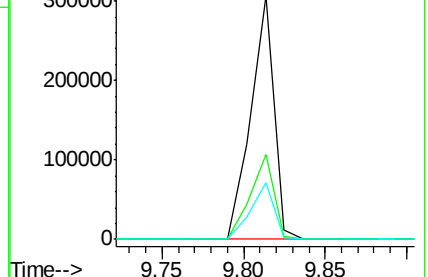
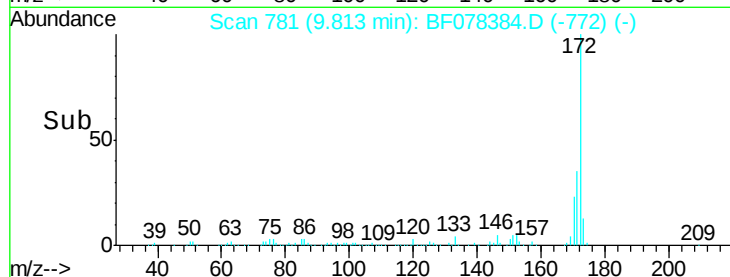
170 23.4 18.5 27.7



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: 5.62 ng

RT: 10.33 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

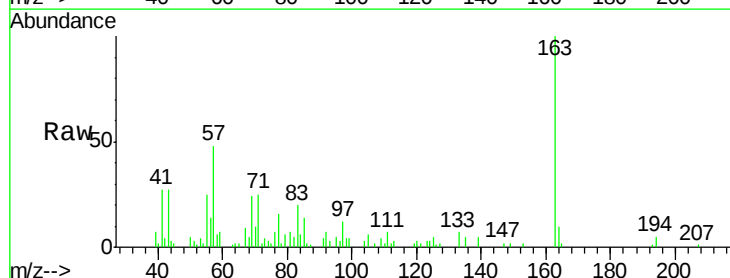
Tgt Ion:163 Resp: 30784

Ion Ratio Lower Upper

163 100

194 4.5 2.3 3.5#

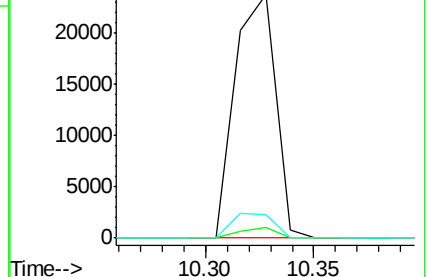
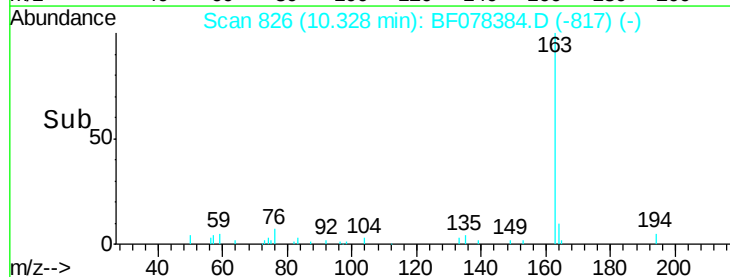
164 9.8 8.6 13.0

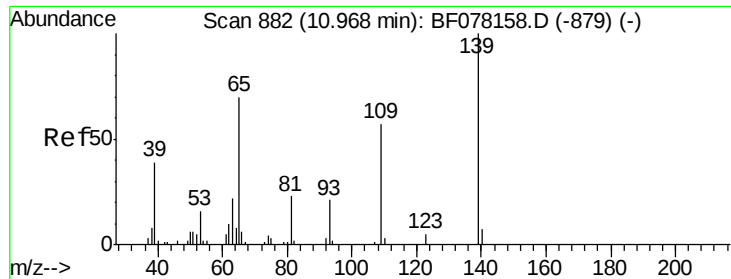


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

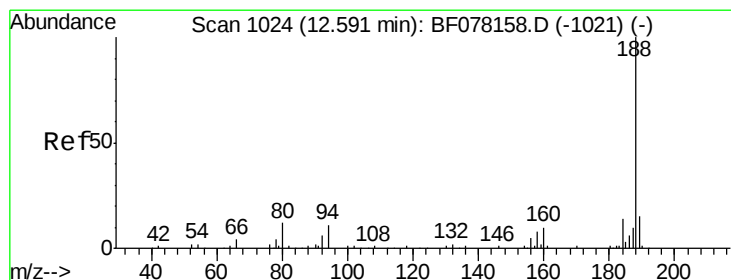
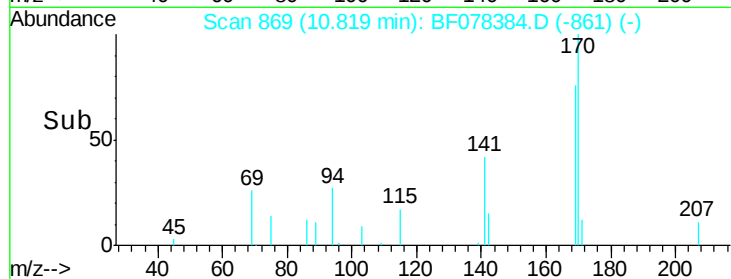
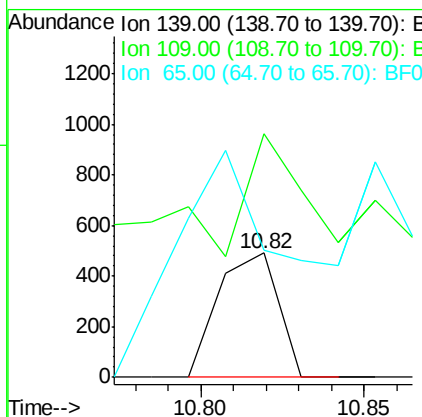
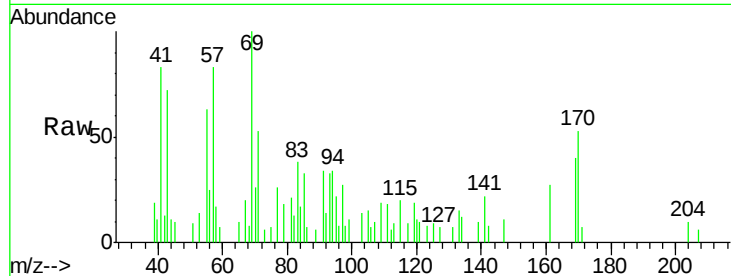




#55
4-Nitrophenol
Concen: 3.40 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF078384.D
Acq: 10 Apr 2015 5:25

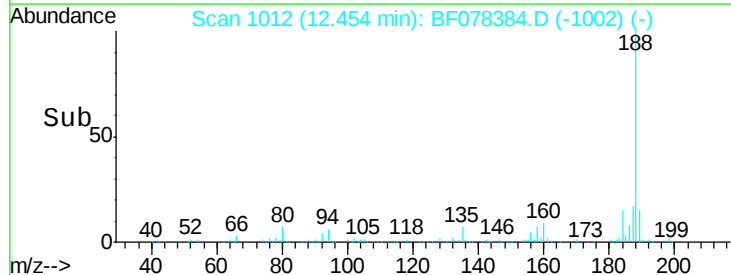
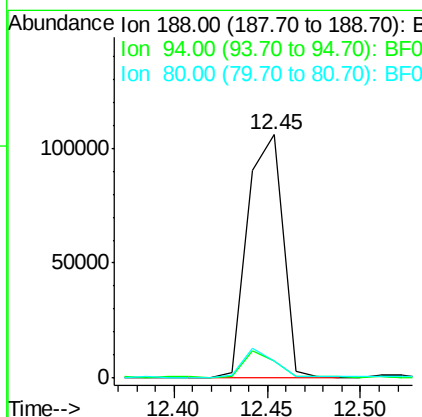
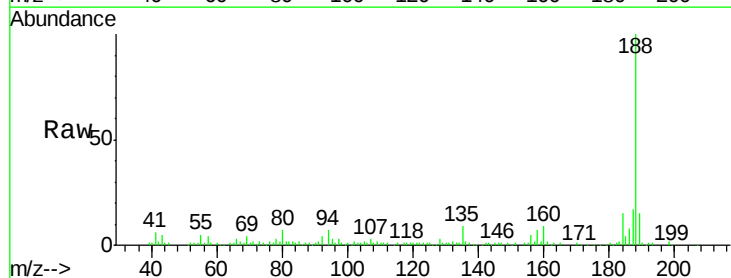
Instrument :
BNA_F
ClientSampled :
FD04

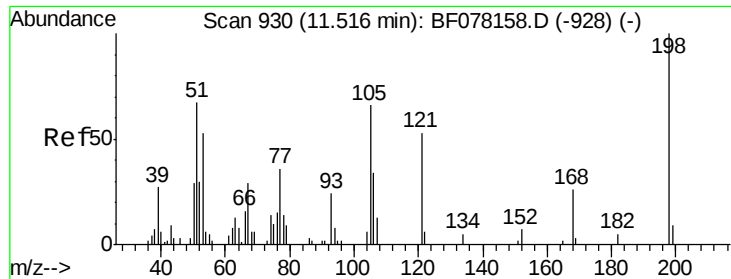
Tgt Ion:139 Resp: 619
Ion Ratio Lower Upper
139 100
109 196.3 36.7 76.7#
65 102.4 49.9 89.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.45 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF078384.D
Acq: 10 Apr 2015 5:25

Tgt Ion:188 Resp: 139047
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.4#
80 7.0 9.5 14.3#

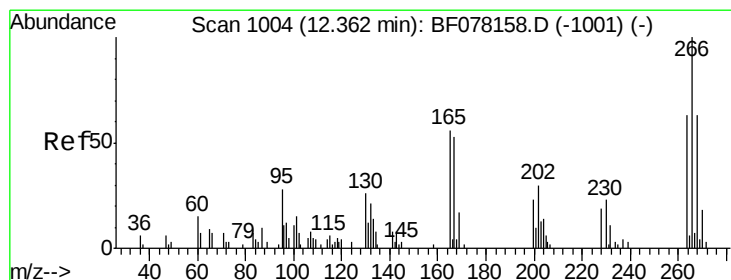
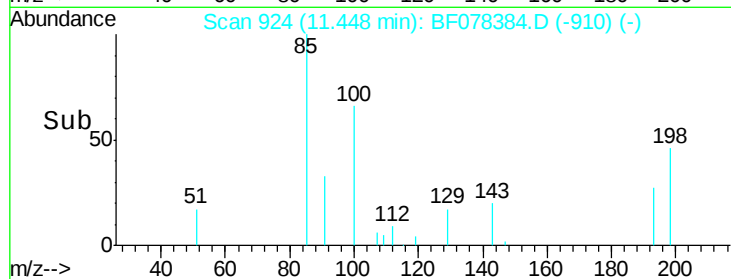
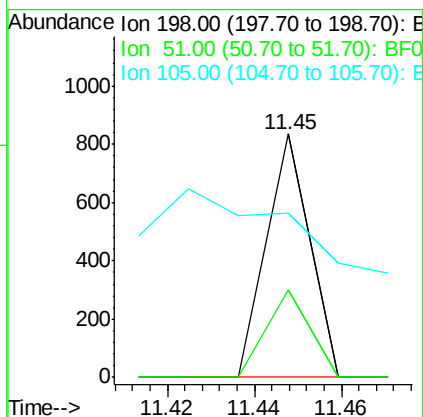
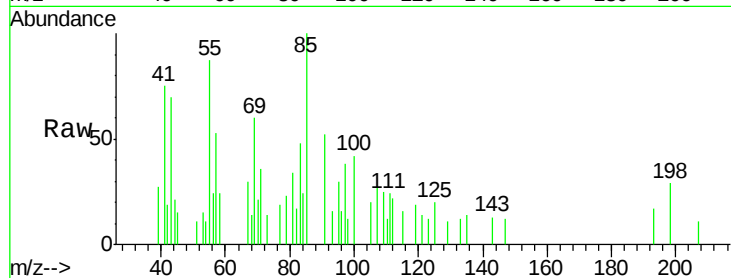




#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.25 ng
 RT: 11.45 min Scan# 924
 Delta R.T. 0.06 min
 Lab File: BF078384.D
 Acq: 10 Apr 2015 5:25

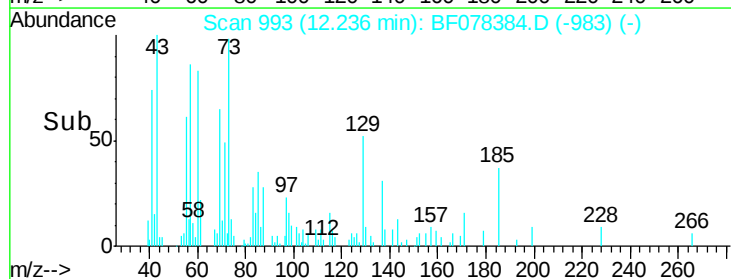
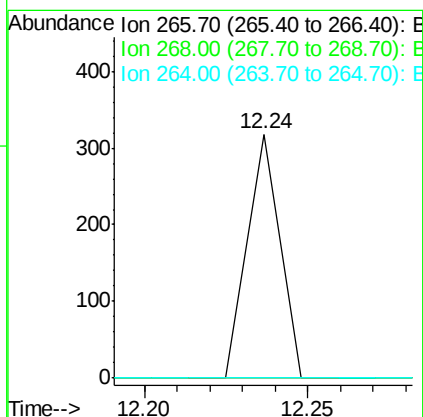
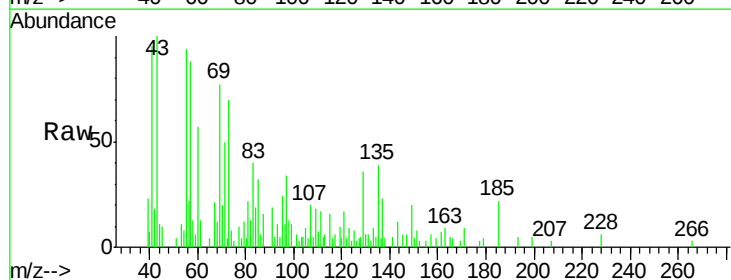
Instrument :
 BNA_F
 ClientSampleId :
 FD04

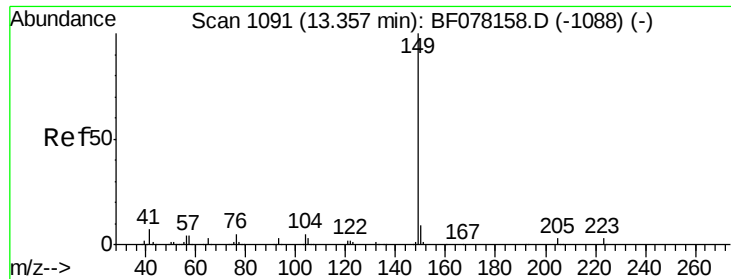
Tgt Ion:198 Resp: 573
 Ion Ratio Lower Upper
 198 100
 51 36.0 48.6 88.6#
 105 67.5 45.8 85.8



#69
 Pentachlorophenol
 Concen: 8.03 ng
 RT: 12.24 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF078384.D
 Acq: 10 Apr 2015 5:25

Tgt Ion:266 Resp: 218
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.1 75.1#
 264 0.0 50.0 75.0#





#73

Di-n-butylphthalate

Concen: 3.21 ng

RT: 13.22 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

Instrument :

BNA_F

ClientSampled :

FD04

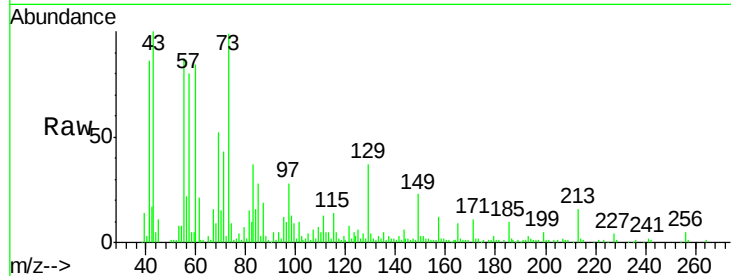
Tgt Ion:149 Resp: 26975

Ion Ratio Lower Upper

149 100

150 12.0 7.1 10.7#

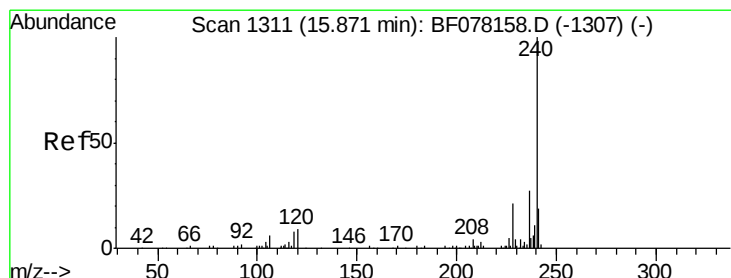
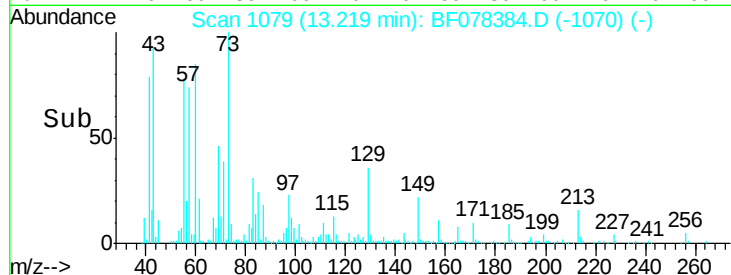
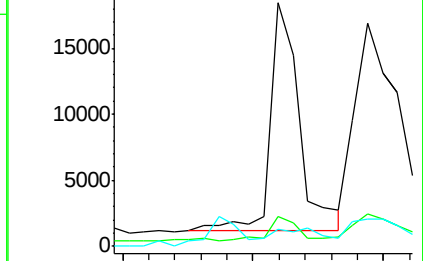
104 6.9 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

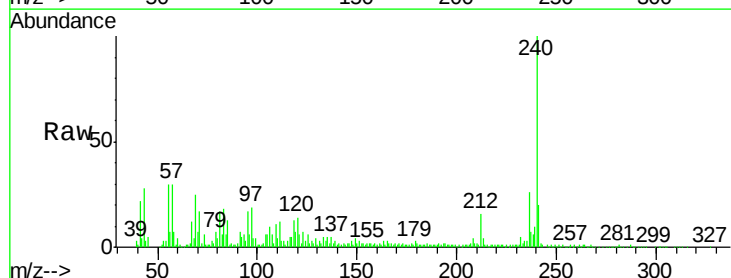
Tgt Ion:240 Resp: 139878

Ion Ratio Lower Upper

240 100

120 14.2 7.1 10.7#

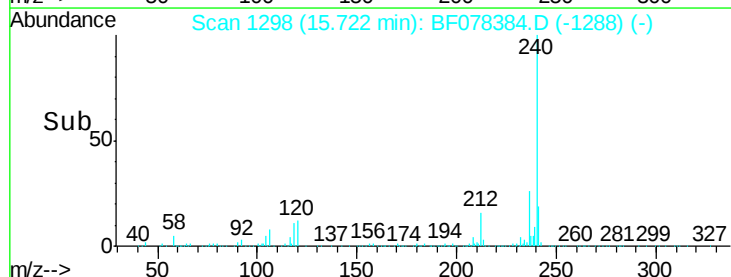
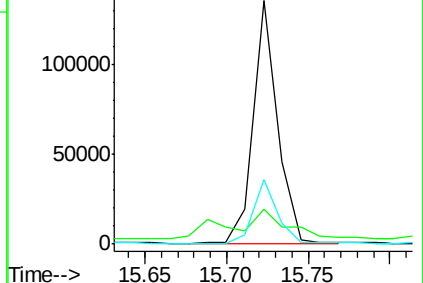
236 26.4 21.4 32.2

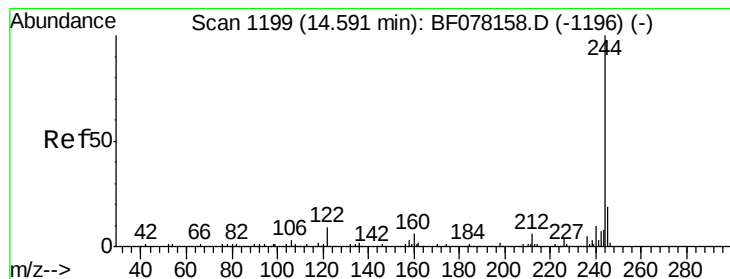


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.52 ng

RT: 14.45 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

Instrument :

BNA_F

ClientSampleId :

FD04

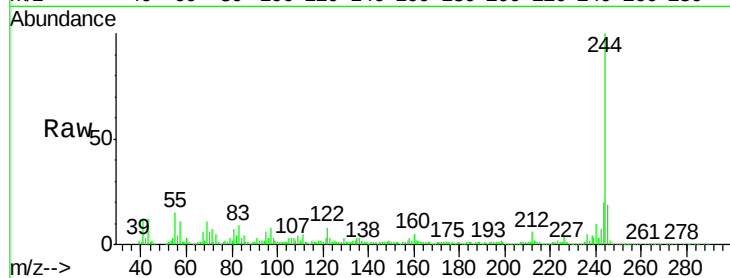
Tgt Ion:244 Resp: 331328

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

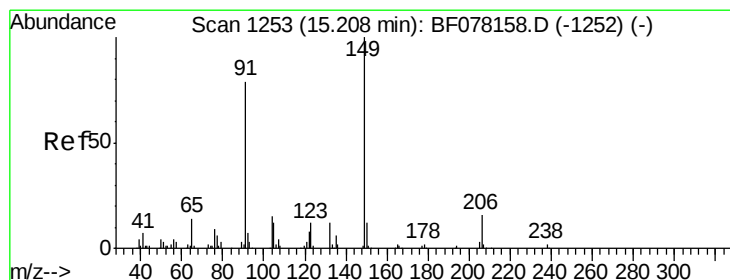
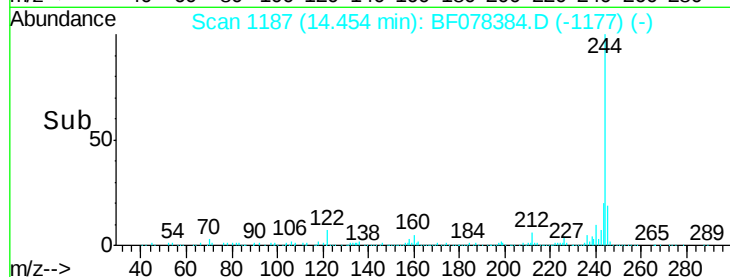
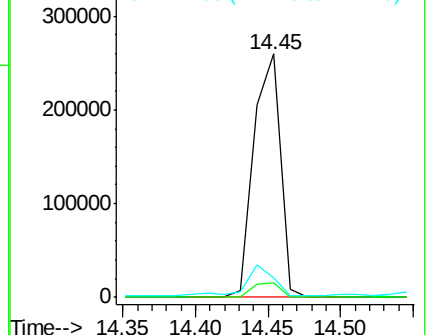
122 8.2 7.1 10.7



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: 20.26 ng

RT: 15.08 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

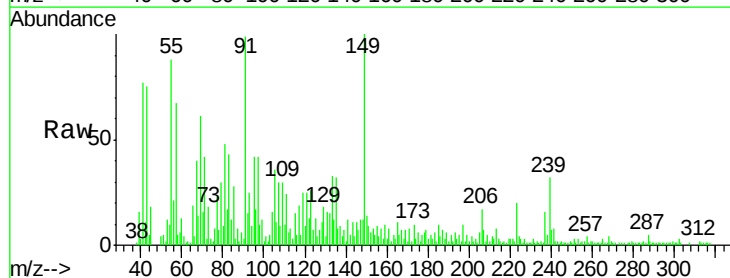
Tgt Ion:149 Resp: 67798

Ion Ratio Lower Upper

149 100

91 99.0 64.2 96.2#

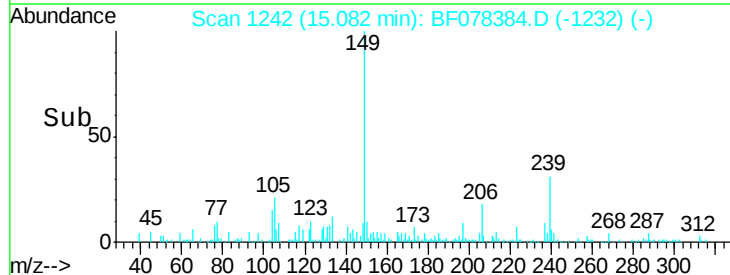
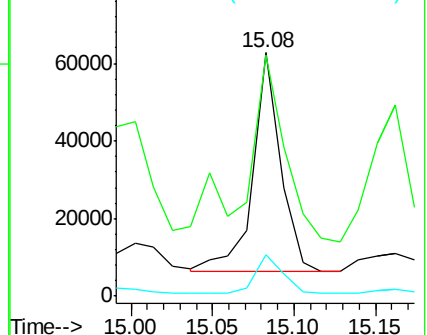
206 17.1 12.6 18.8

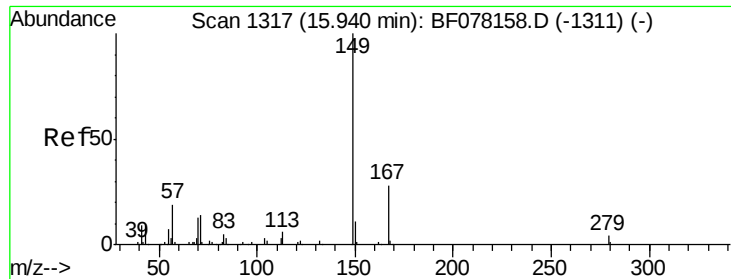


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

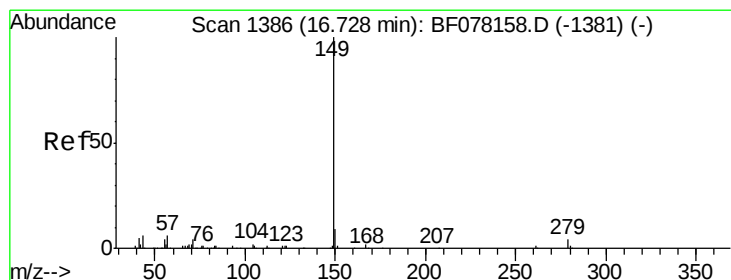
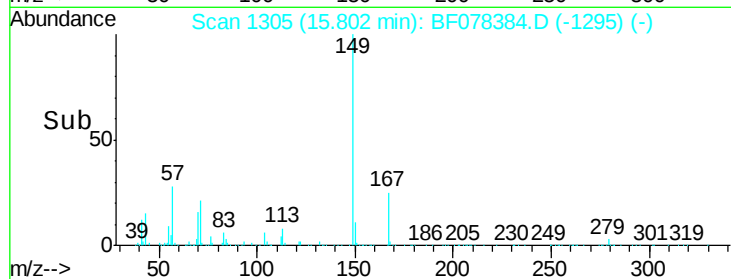
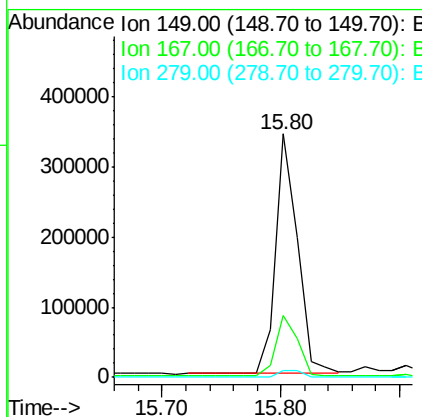
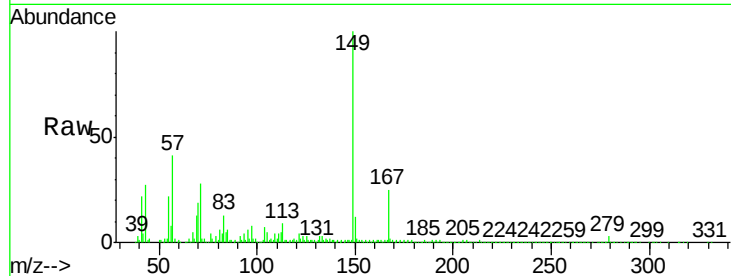




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 82.73 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF078384.D
 Acq: 10 Apr 2015 5:25

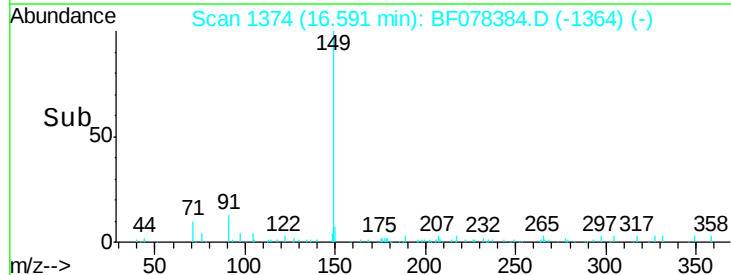
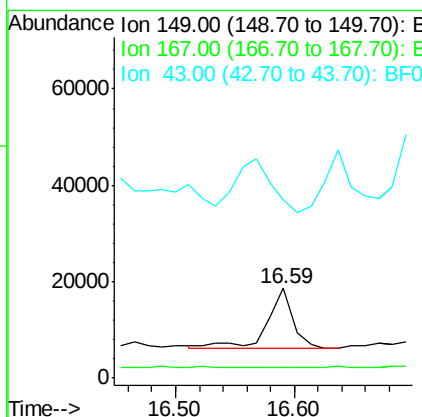
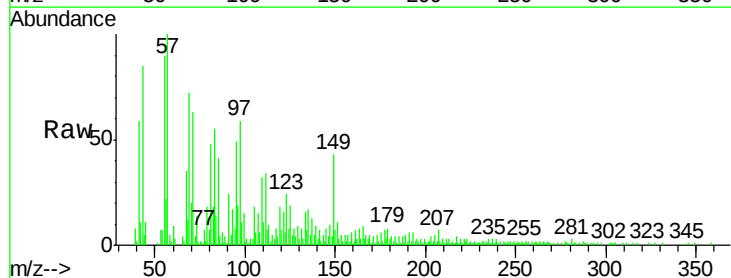
Instrument :
 BNA_F
 ClientSampleId :
 FD04

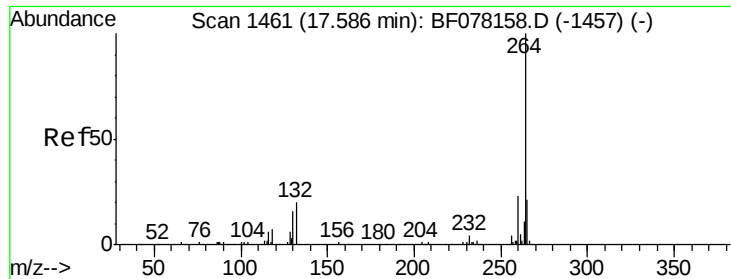
Tgt Ion:149 Resp: 434270
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.2 33.2
 279 2.6 3.2 4.8#



#84
 Di-n-octyl phthalate
 Concen: 2.20 ng
 RT: 16.59 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF078384.D
 Acq: 10 Apr 2015 5:25

Tgt Ion:149 Resp: 18989
 Ion Ratio Lower Upper
 149 100
 167 0.0 0.0 0.0
 43 0.0 0.0 0.0

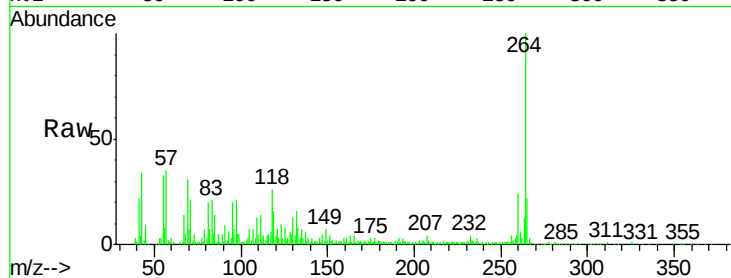




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BF078384.D
Acq: 10 Apr 2015 5:25

Instrument :
BNA_F
ClientSampleId :
FD04

Tgt Ion: 264 Resp: 141016
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 22.3 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

