

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
 Data File : BF079023.D
 Acq On : 8 May 2015 6:06
 Operator : TP/IZ
 Sample : G2076-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Quant Time: May 08 07:06:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 04:33:44 2015
 Response via : Initial Calibration

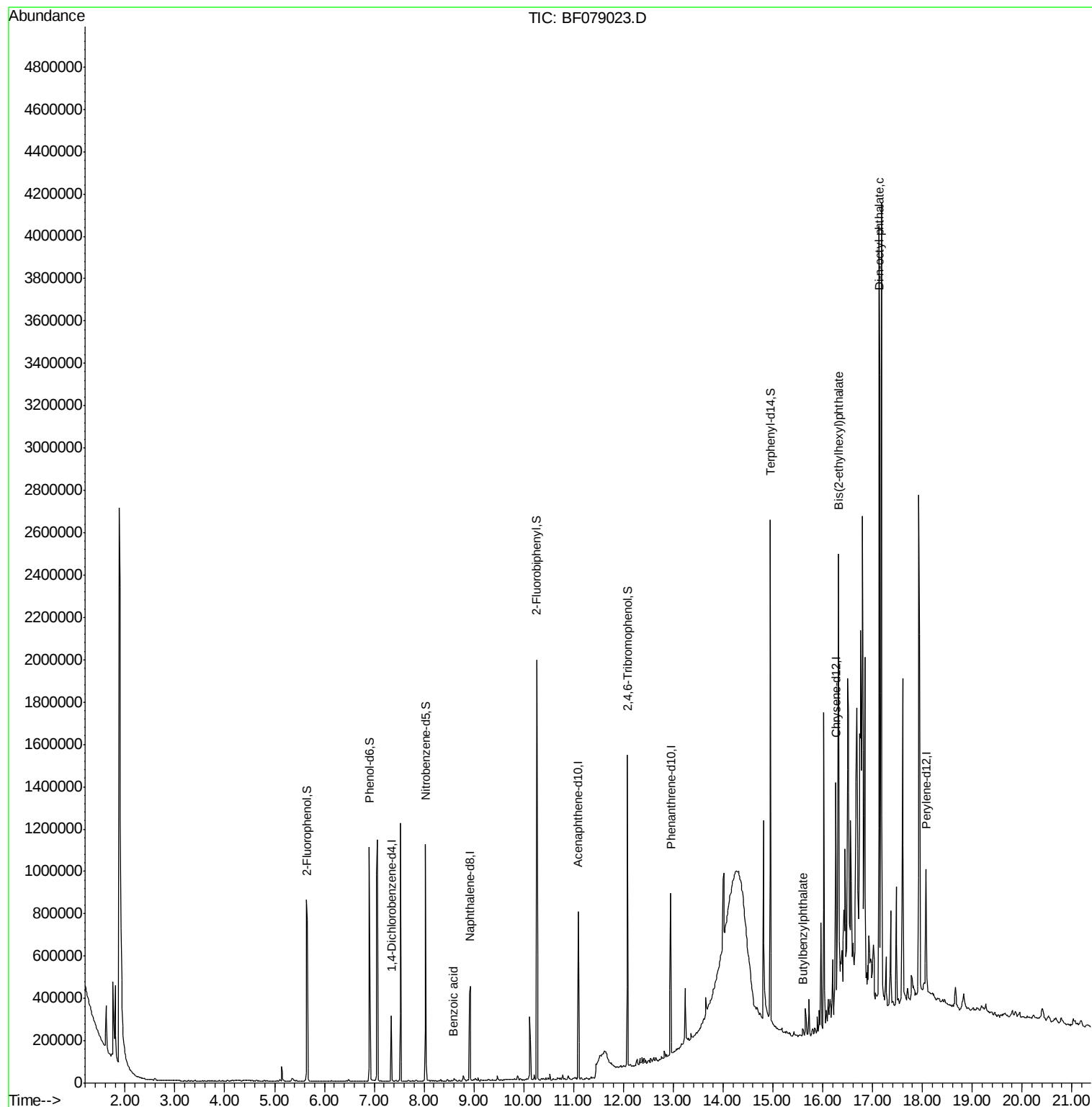
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	68886	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	293965	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	159256	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	307798	20.00	ng	0.00
75) Chrysene-d12	16.26	240	323567	20.00	ng	0.01
86) Perylene-d12	18.08	264	339359	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	347964	86.95	ng	0.01
7) Phenol-d6	6.90	99	425389	80.42	ng	0.00
23) Nitrobenzene-d5	8.03	82	340707	66.61	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	187488	108.82	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	634648	55.52	ng	0.00
78) Terphenyl-d14	14.95	244	827920	61.26	ng	0.00
Target Compounds						
32) Benzoic acid	8.58	122	237	6.39	ng	Qvalue 87
79) Butylbenzylphthalate	15.60	149	18858	2.31	ng	# 36
83) Bis(2-ethylhexyl)phthalate	16.32	149	1554204	125.90	ng	# 56
84) Di-n-octyl phthalate	17.13	149	2605535	119.84	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: 7.35 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF079023.D

Acq: 8 May 2015 6:06

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W-16

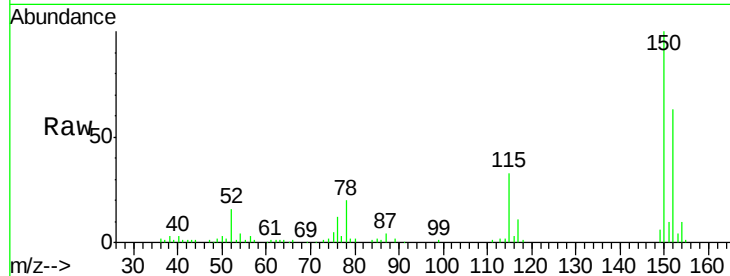
Tgt Ion:152 Resp: 68886

Ion Ratio Lower Upper

152 100

150 157.5 122.0 183.0

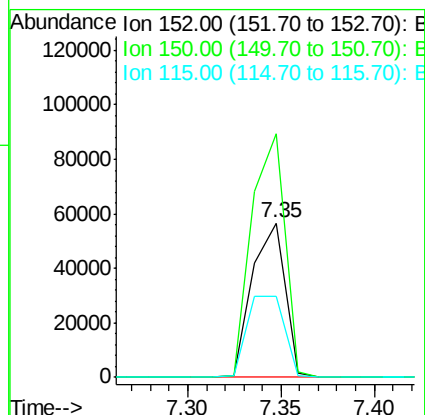
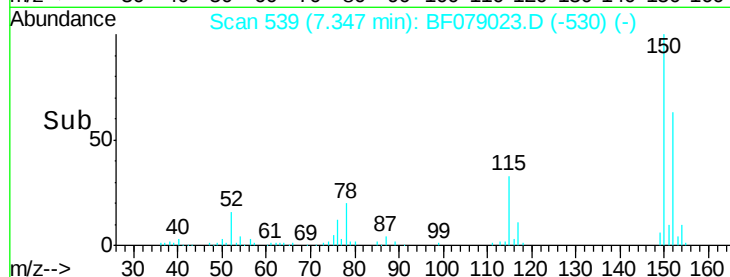
115 52.8 46.3 69.5



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: 86.95 ng

RT: 5.66 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF079023.D

Acq: 8 May 2015 6:06

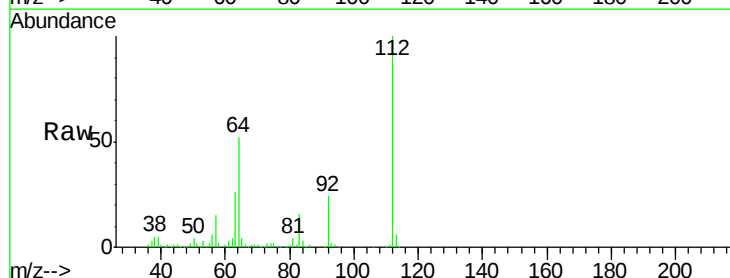
Tgt Ion:112 Resp: 347964

Ion Ratio Lower Upper

112 100

64 52.3 53.5 80.3#

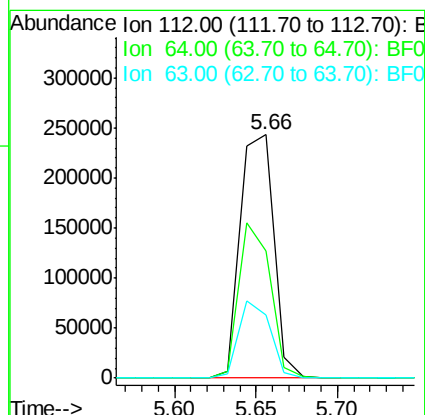
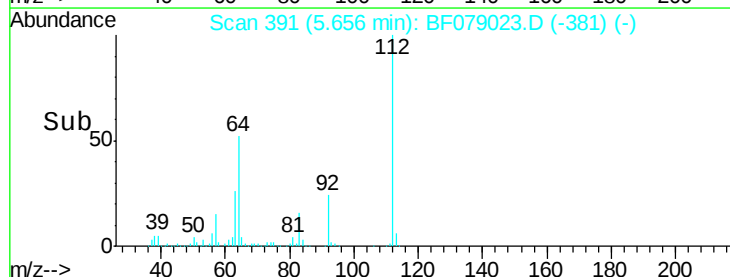
63 25.8 27.5 41.3#

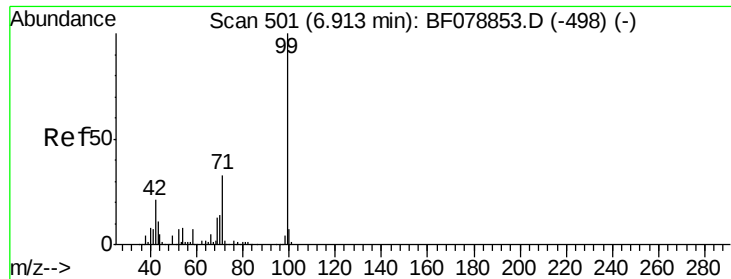


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.42 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079023.D

Acq: 8 May 2015 6:06

Instrument :

BNA_F

ClientSampleId :

W-16

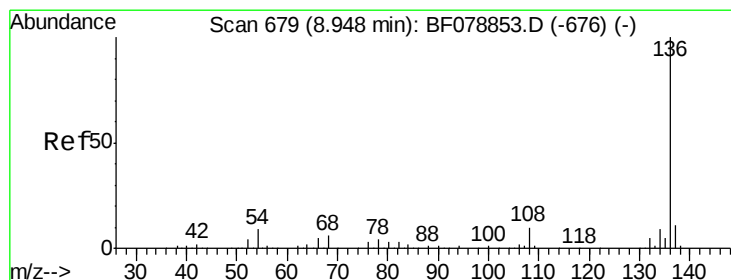
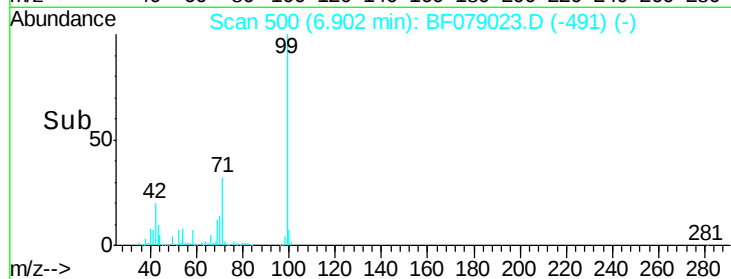
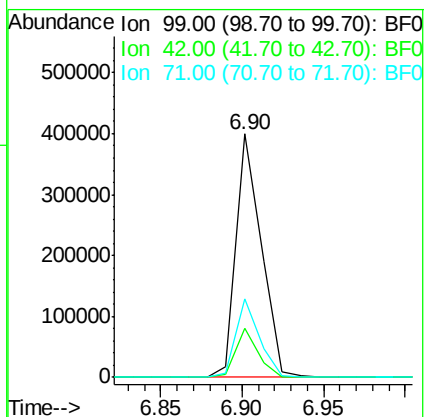
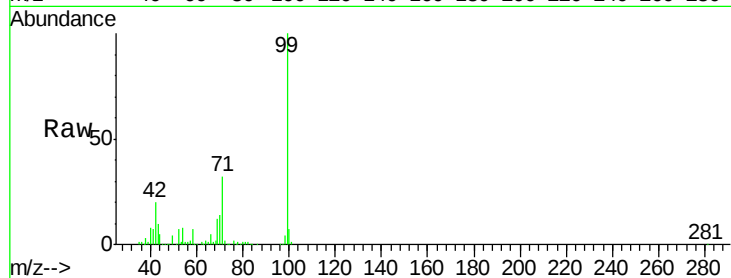
Tgt Ion: 99 Resp: 425389

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

71 32.4 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF079023.D

Acq: 8 May 2015 6:06

Tgt Ion: 136 Resp: 293965

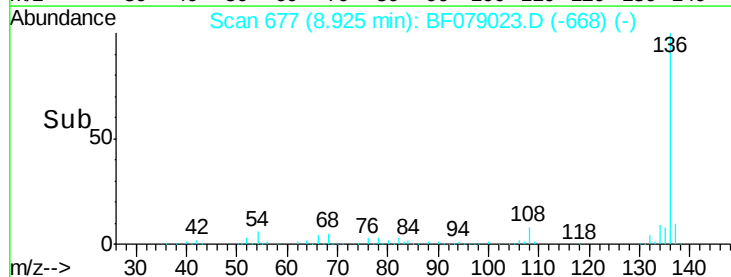
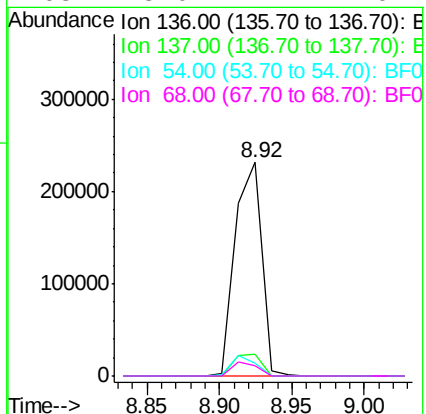
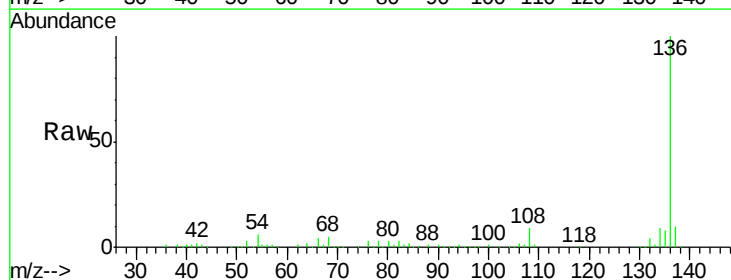
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.9 5.8 8.8

68 5.0 4.2 6.4

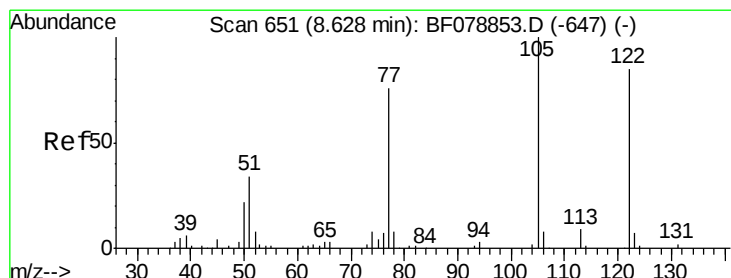
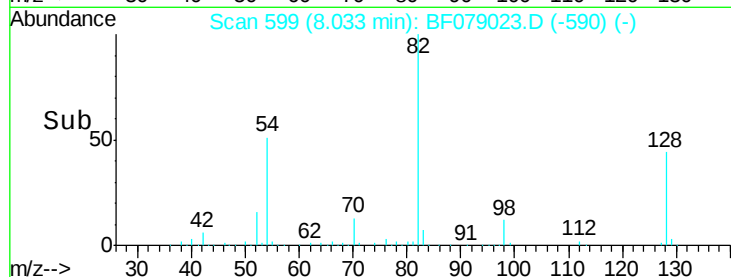
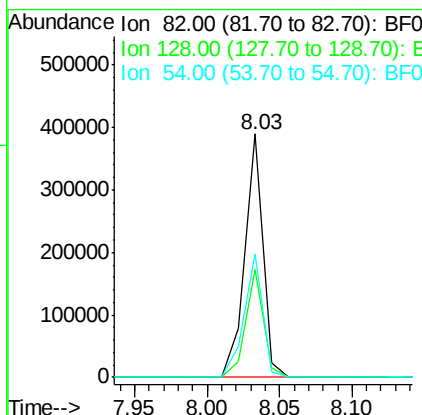
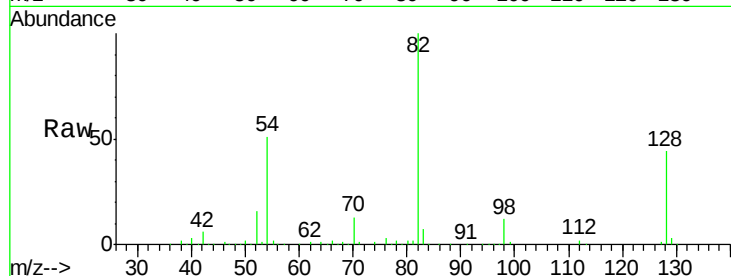




#23
 Nitrobenzene-d5
 Concen: 66.61 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079023.D
 Acq: 8 May 2015 6:06

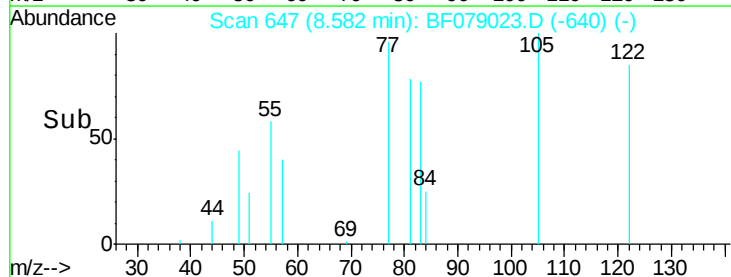
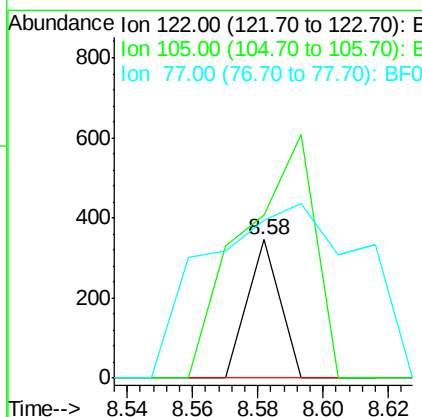
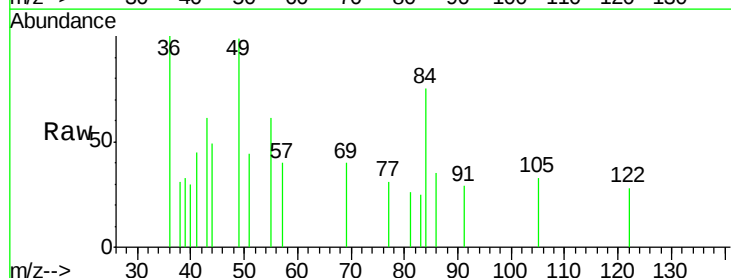
Instrument :
 BNA_F
 ClientSampleId :
 W-16

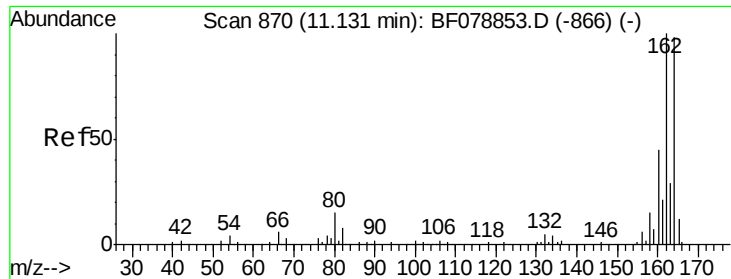
Tgt Ion: 82 Resp: 340707
 Ion Ratio Lower Upper
 82 100
 128 44.3 30.0 45.0
 54 50.8 46.4 69.6



#32
 Benzoic acid
 Concen: 6.39 ng
 RT: 8.58 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF079023.D
 Acq: 8 May 2015 6:06

Tgt Ion: 122 Resp: 237
 Ion Ratio Lower Upper
 122 100
 105 117.9 107.1 147.1
 77 113.6 73.9 113.9

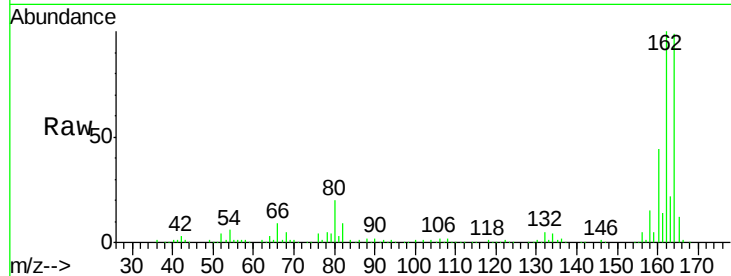




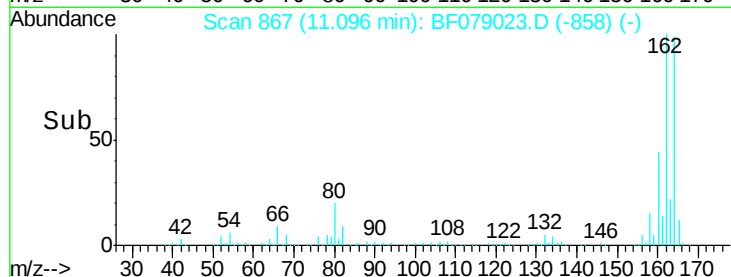
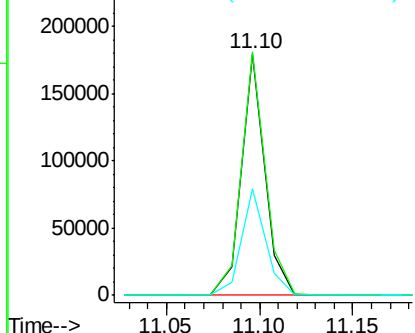
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF079023.D
 Acq: 8 May 2015 6:06

Instrument :
 BNA_F
 ClientSampleId :
 W-16

Tgt Ion:164 Resp: 159256
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.7 124.1
 160 44.0 35.8 53.8

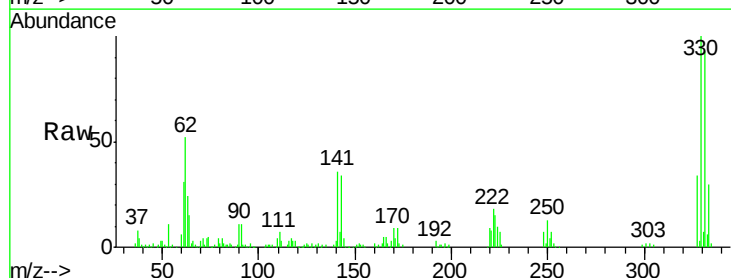


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

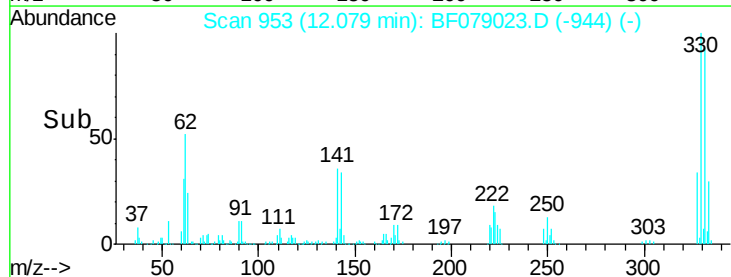
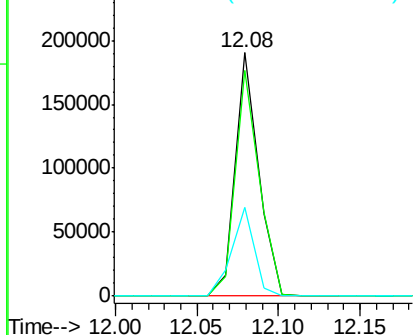


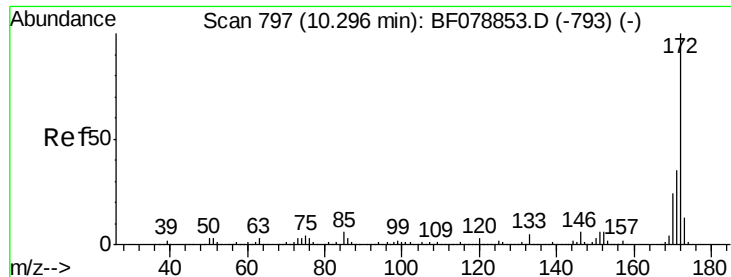
#41
 2,4,6-Tribromophenol
 Concen: 108.82 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF079023.D
 Acq: 8 May 2015 6:06

Tgt Ion:330 Resp: 187488
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 35.6 0.0 0.0#



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

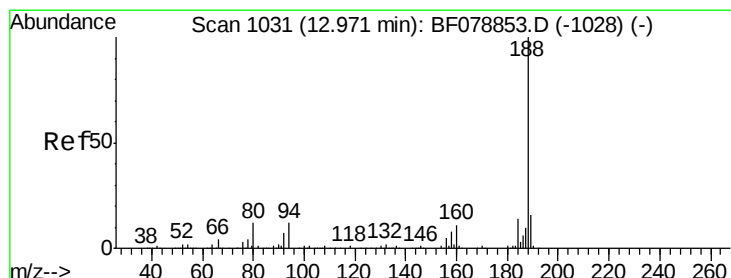
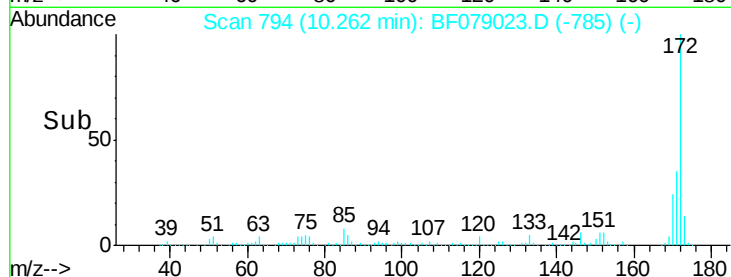
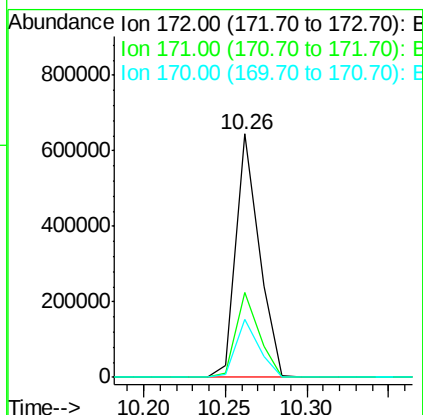
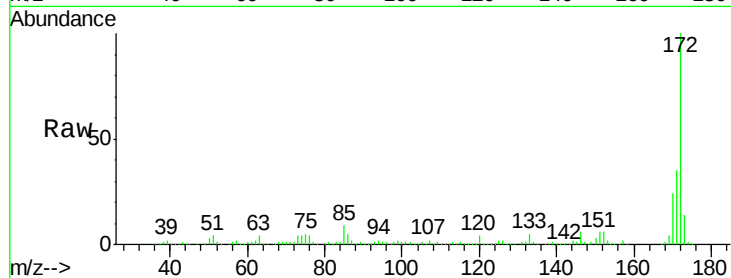




#44
 2-Fluorobiphenyl
 Concen: 55.52 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF079023.D
 Acq: 8 May 2015 6:06

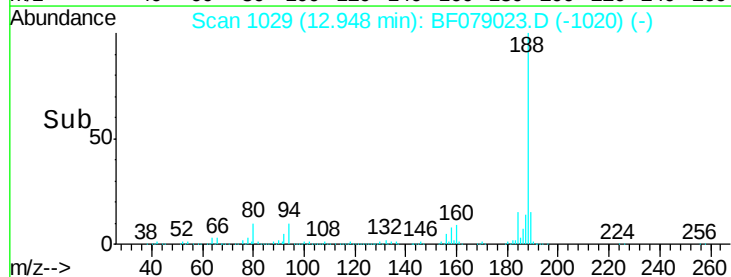
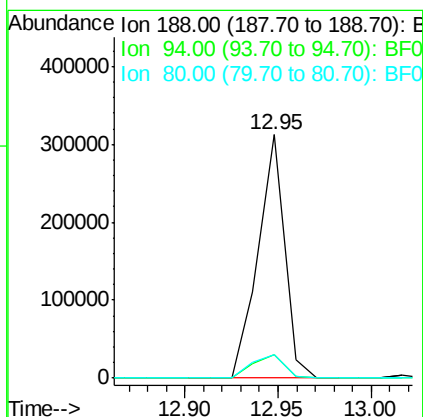
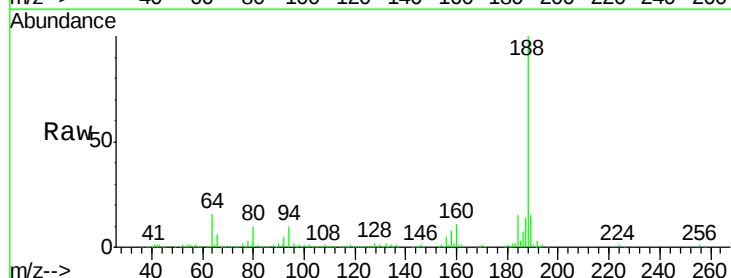
Instrument :
 BNA_F
 ClientSampleId :
 W-16

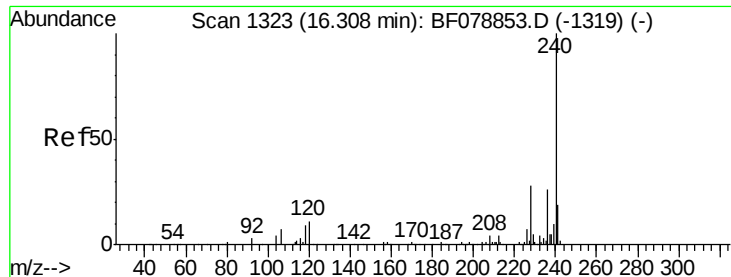
Tgt Ion:172 Resp: 634648
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.9 41.9
 170 23.9 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF079023.D
 Acq: 8 May 2015 6:06

Tgt Ion:188 Resp: 307798
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.2 12.2
 80 9.7 8.9 13.3

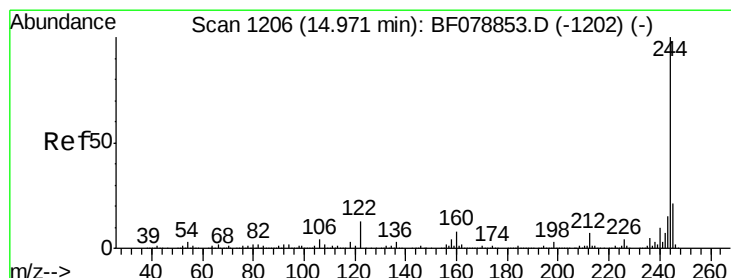
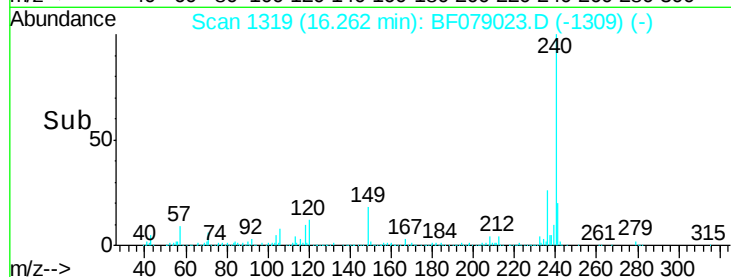
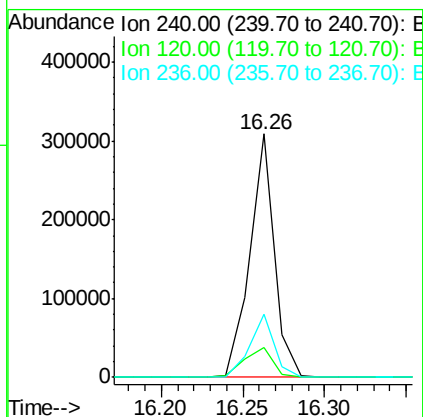
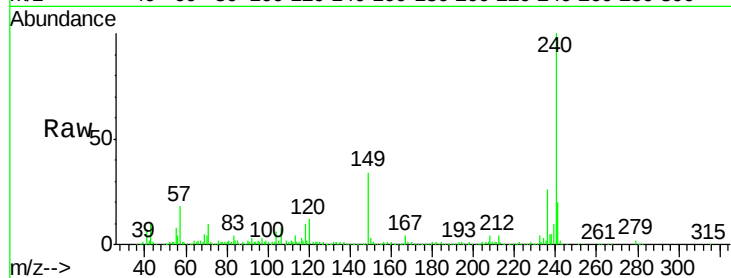




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF079023.D
Acq: 8 May 2015 6:06

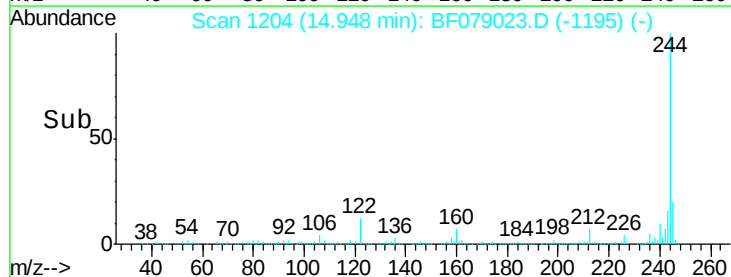
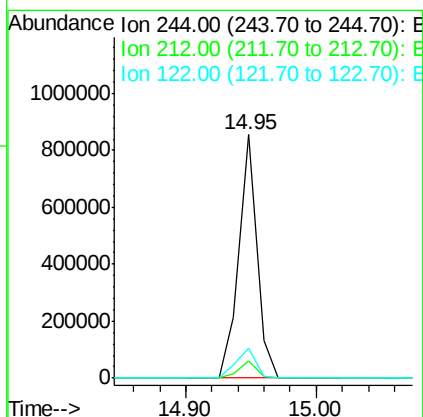
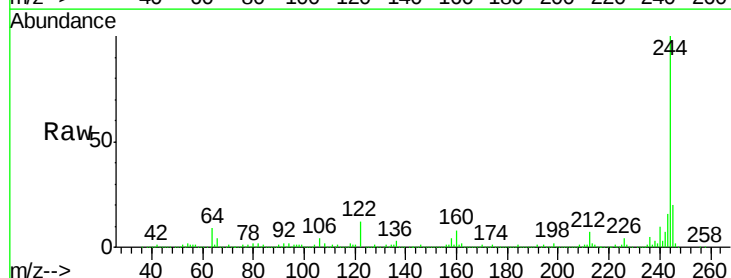
Instrument :
BNA_F
ClientSampleId :
W-16

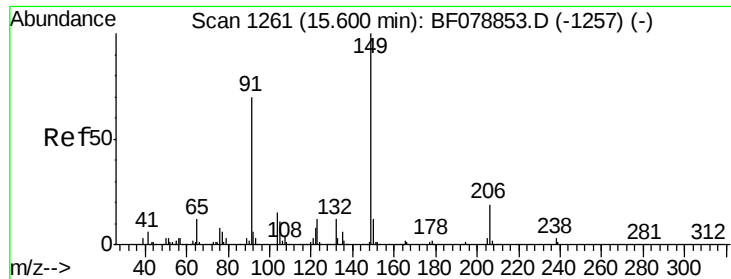
Tgt Ion:240 Resp: 323567
Ion Ratio Lower Upper
240 100
120 12.0 9.7 14.5
236 25.7 20.2 30.4



#78
Terphenyl-d14
Concen: 61.26 ng
RT: 14.95 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF079023.D
Acq: 8 May 2015 6:06

Tgt Ion:244 Resp: 827920
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 12.3 10.3 15.5





#79

Butylbenzylphthalate

Concen: 2.31 ng

RT: 15.60 min Scan# 1261

Delta R.T. 0.03 min

Lab File: BF079023.D

Acq: 8 May 2015 6:06

Instrument :

BNA_F

ClientSampleId :

W-16

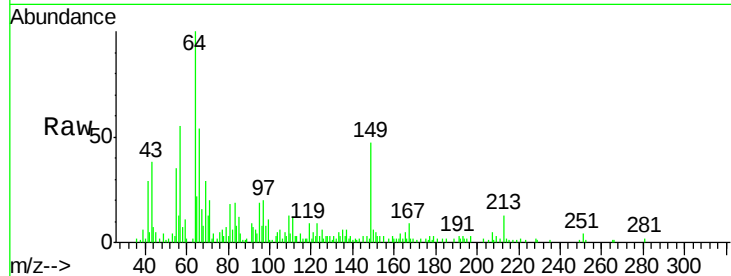
Tgt Ion:149 Resp: 18858

Ion Ratio Lower Upper

149 100

91 19.7 64.6 97.0#

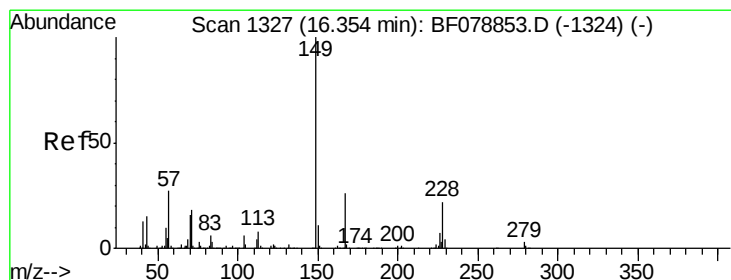
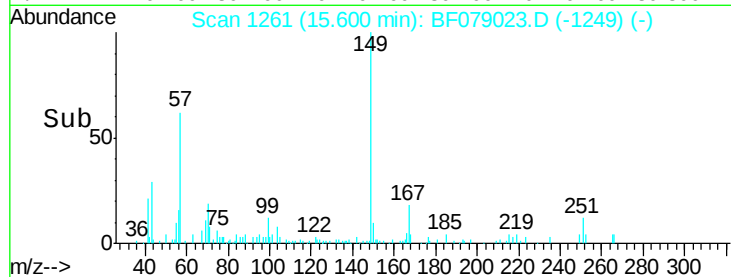
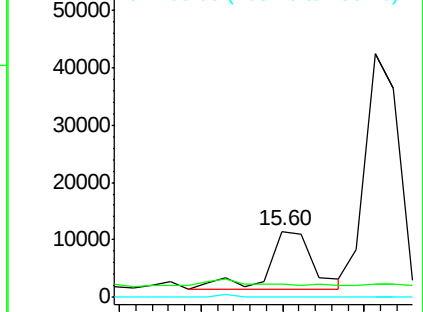
206 0.0 12.2 18.4#



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: 125.90 ng

RT: 16.32 min Scan# 1324

Delta R.T. 0.05 min

Lab File: BF079023.D

Acq: 8 May 2015 6:06

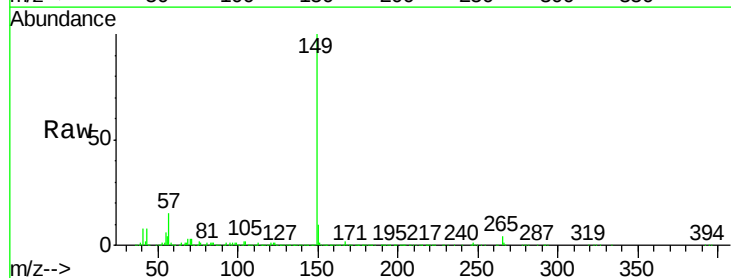
Tgt Ion:149 Resp: 1554204

Ion Ratio Lower Upper

149 100

167 2.0 21.8 32.8#

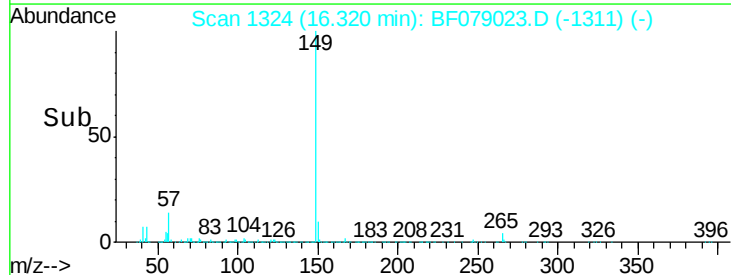
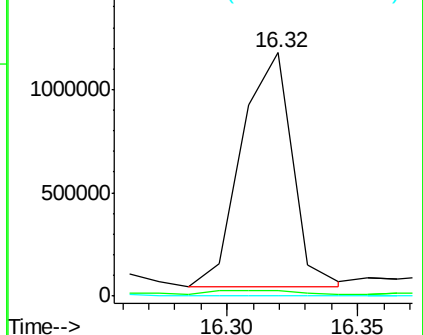
279 0.3 2.9 4.3#

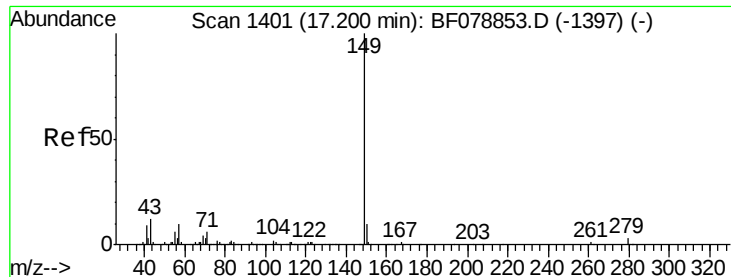


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 119.84 ng

RT: 17.13 min Scan# 1395

Delta R.T. 0.06 min

Lab File: BF079023.D

Acq: 8 May 2015 6:06

Instrument :

BNA_F

ClientSampleId :

W-16

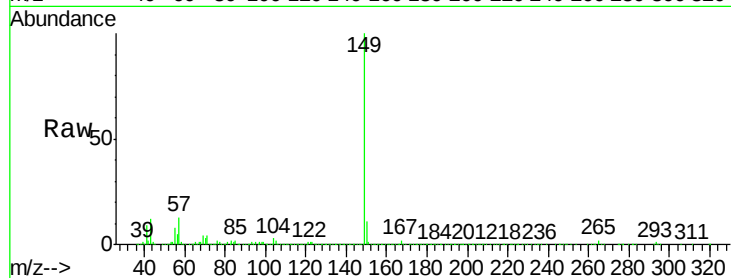
Tgt Ion:149 Resp: 2605535

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

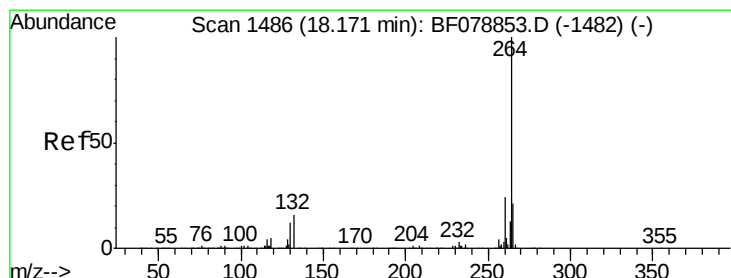
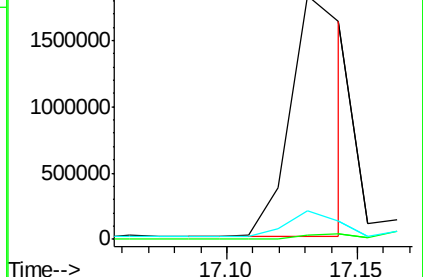
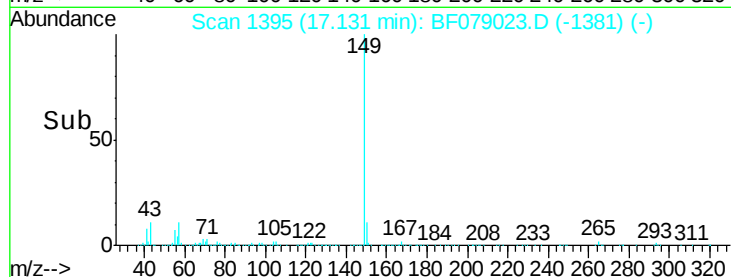
43 9.9 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.08 min Scan# 1478

Delta R.T. 0.09 min

Lab File: BF079023.D

Acq: 8 May 2015 6:06

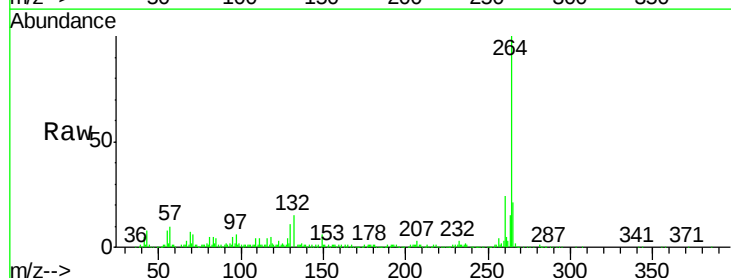
Tgt Ion:264 Resp: 339359

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 20.7 18.3 27.5



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

