

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079075.D
 Acq On : 9 May 2015 10:54
 Operator : TP/IZ
 Sample : G2151-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-17-8.5

Quant Time: May 11 01:01:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 00:37:37 2015
 Response via : Initial Calibration

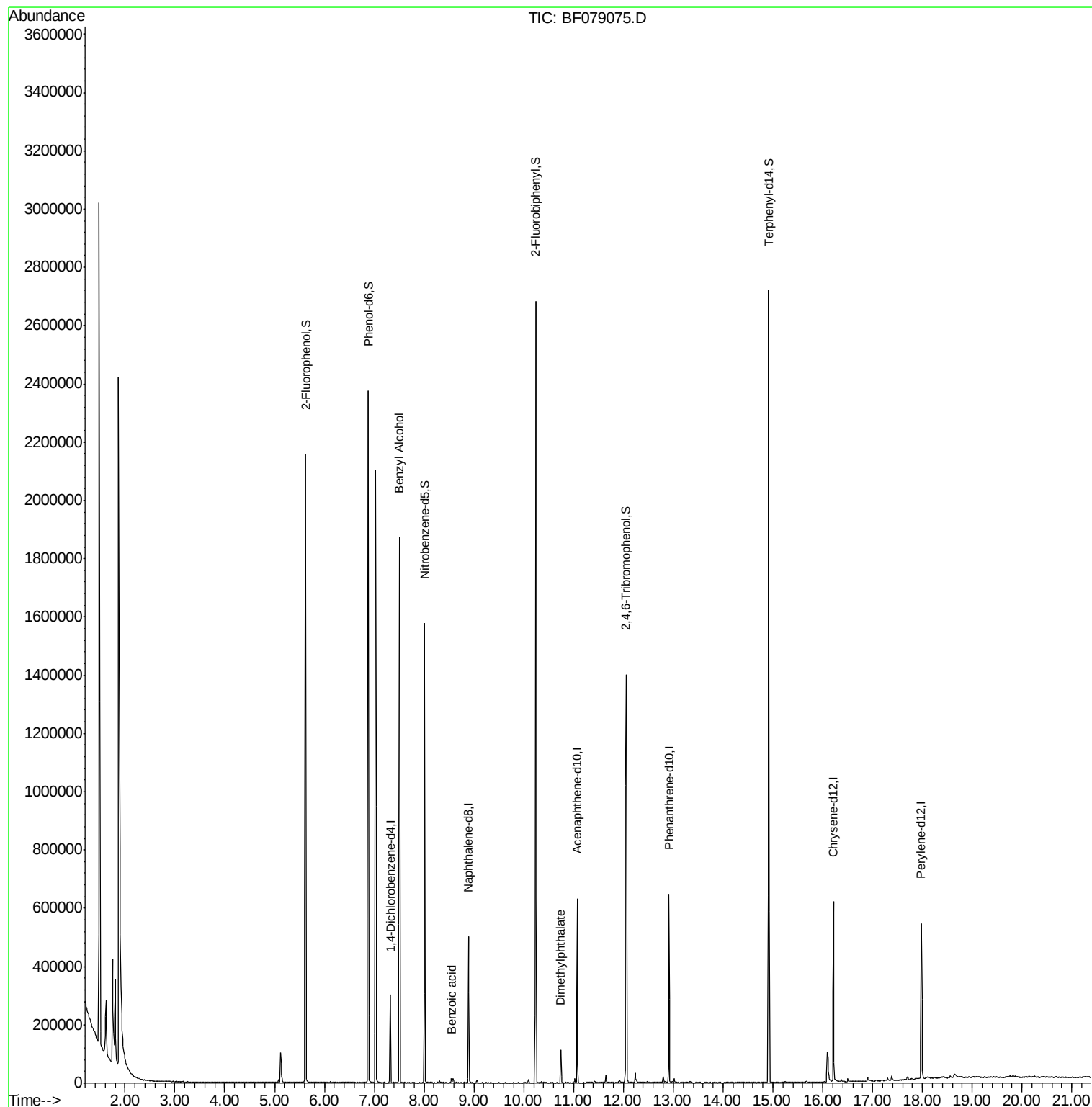
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	69811	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	283655	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	138687	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	267953	20.00	ng	0.00
75) Chrysene-d12	16.22	240	263803	20.00	ng	0.00
86) Perylene-d12	17.98	264	252462	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	629420	155.20	ng	0.00
7) Phenol-d6	6.88	99	810659	151.22	ng	0.00
23) Nitrobenzene-d5	8.01	82	474077	96.05	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	237015	157.97	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	837640	84.15	ng	0.00
78) Terphenyl-d14	14.91	244	950912	86.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.51	79	8203	2.06	ng	Qvalue # 43
32) Benzoic acid	8.55	122	5183	8.08	ng	94
49) Dimethylphthalate	10.74	163	45151	4.44	ng	98

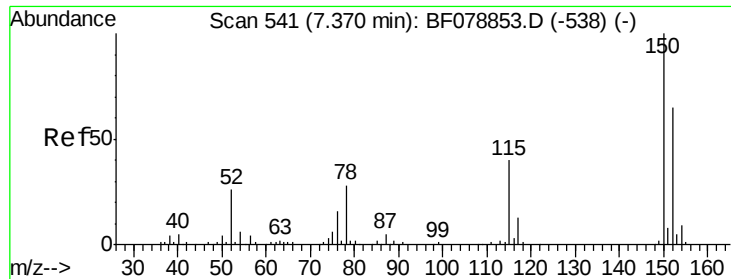
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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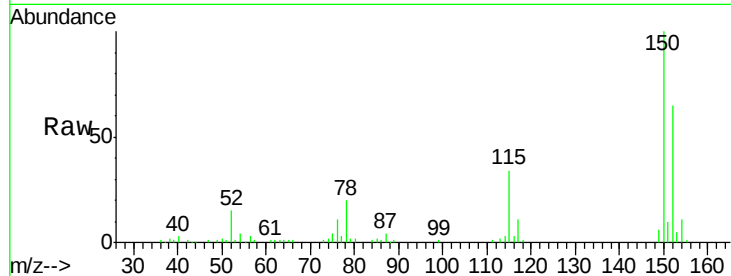


#1

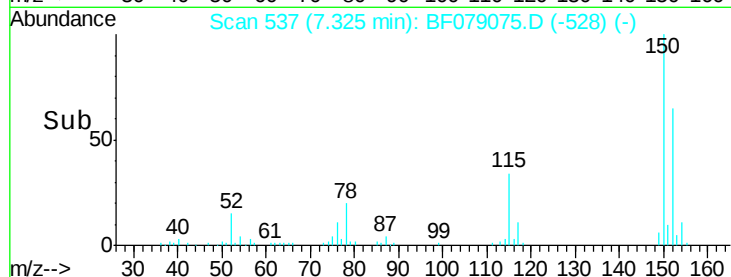
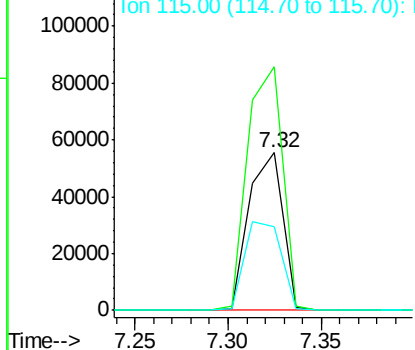
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Instrument :
BNA_F
ClientSampleId :
TU012-SB-17-8.5

Tgt Ion:152 Resp: 69811
Ion Ratio Lower Upper
152 100
150 154.8 122.0 183.0
115 53.0 46.3 69.5



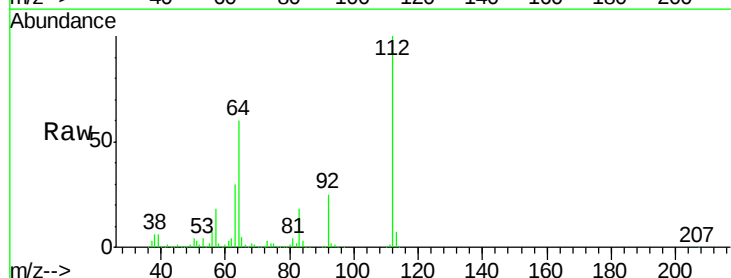
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



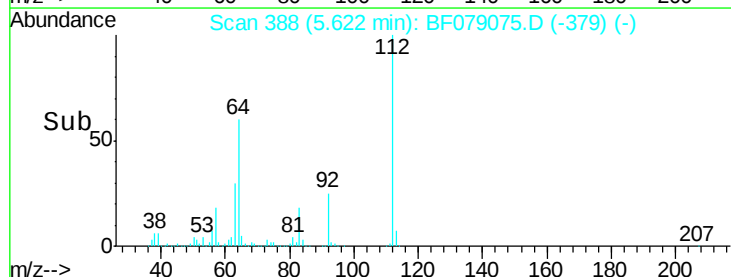
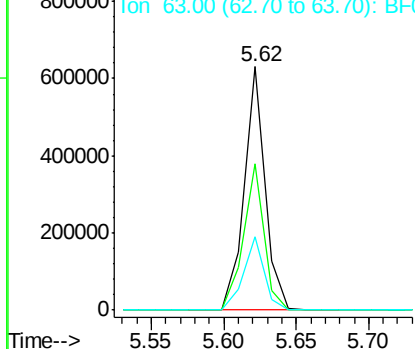
#5

2-Fluorophenol
Concen: 155.20 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Tgt Ion:112 Resp: 629420
Ion Ratio Lower Upper
112 100
64 59.9 53.5 80.3
63 30.1 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: 151.22 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079075.D

Acq: 9 May 2015 10:54

Instrument :

BNA_F

ClientSampleId :

TU012-SB-17-8.5

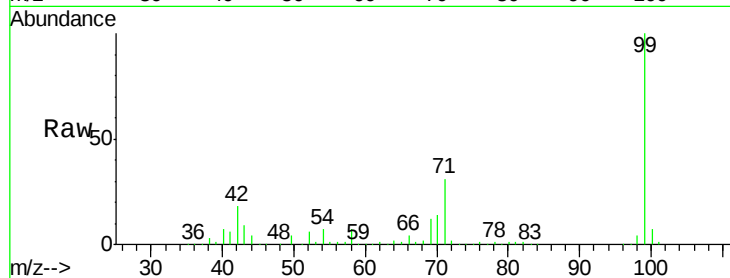
Tgt Ion: 99 Resp: 810659

Ion Ratio Lower Upper

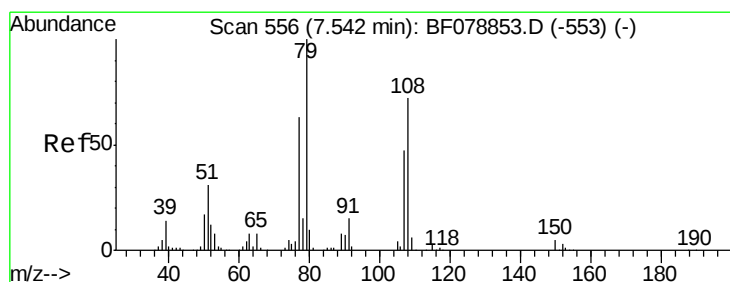
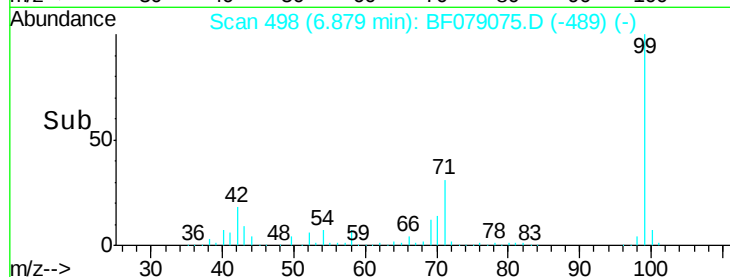
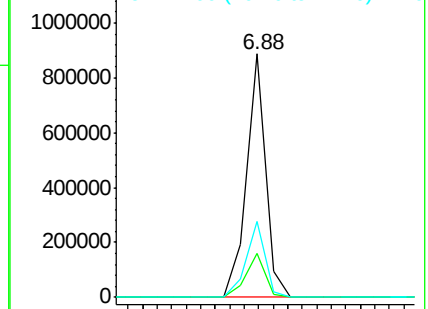
99 100

42 18.0 12.8 19.2

71 31.1 23.4 35.2



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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF079075.D

Acq: 9 May 2015 10:54

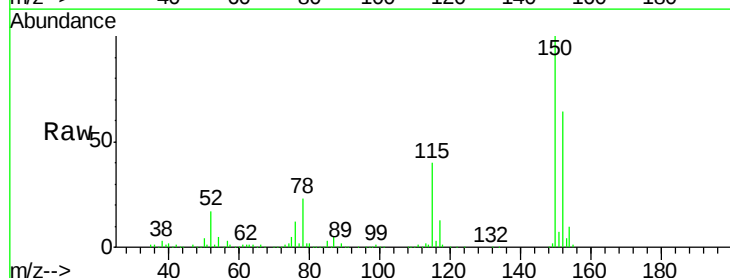
Tgt Ion: 79 Resp: 8203

Ion Ratio Lower Upper

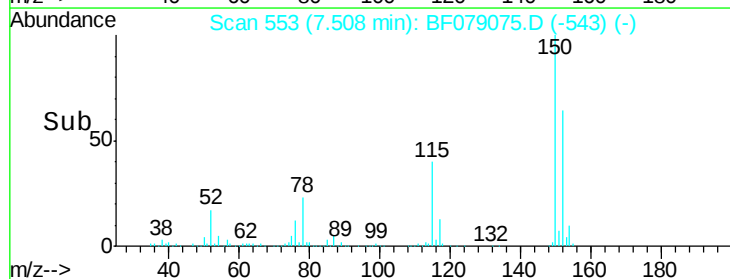
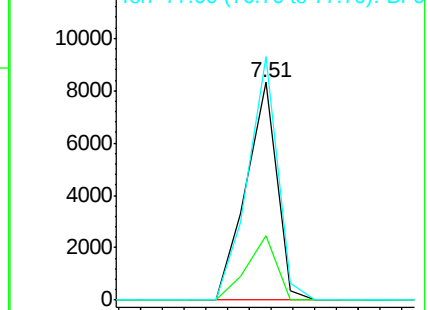
79 100

108 29.7 62.5 93.7#

77 111.8 52.2 78.4#



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

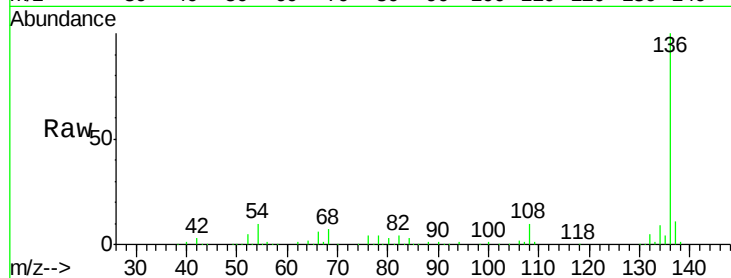




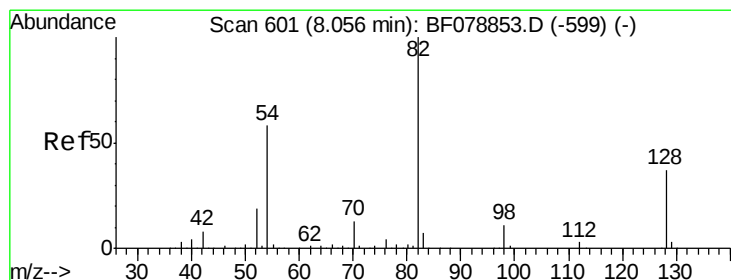
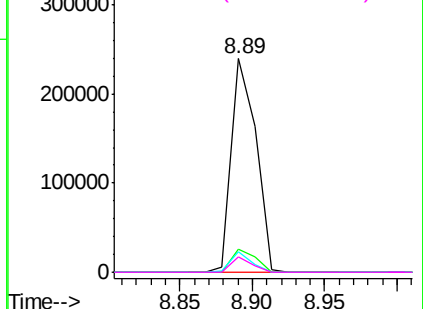
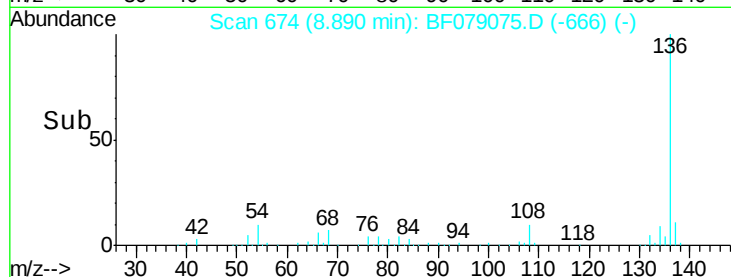
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.89 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Instrument :
BNA_F
ClientSampleId :
TU012-SB-17-8.5

Tgt Ion: 136 Resp: 283655
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.8 5.8 8.8#
68 7.1 4.2 6.4#

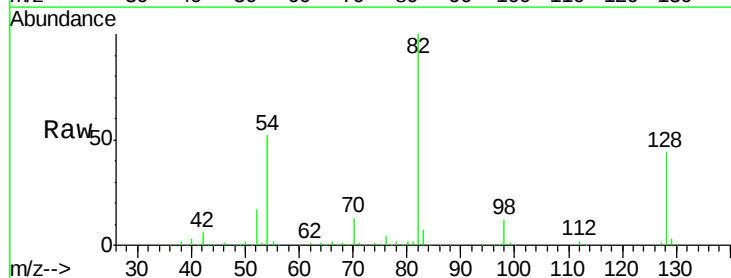


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

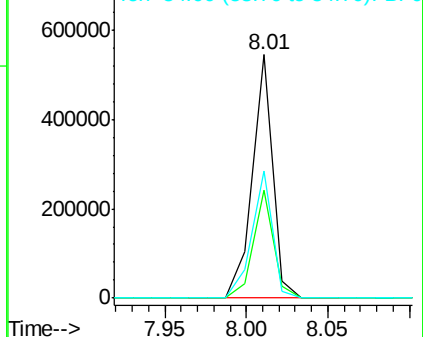
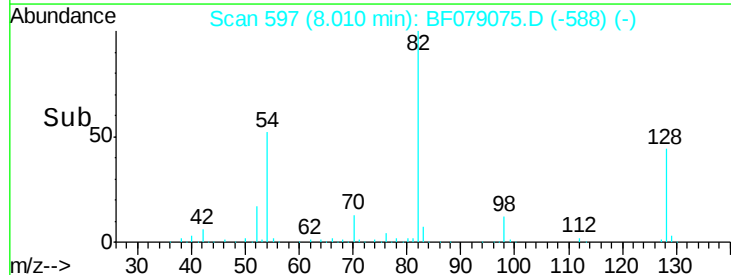


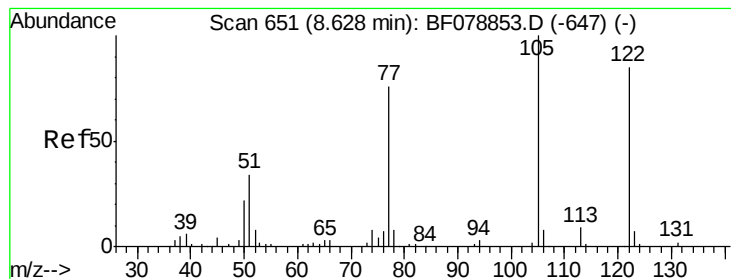
#23
Nitrobenzene-d5
Concen: 96.05 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Tgt Ion: 82 Resp: 474077
Ion Ratio Lower Upper
82 100
128 44.3 30.0 45.0
54 52.0 46.4 69.6



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





#32

Benzoic acid

Concen: 8.08 ng

RT: 8.55 min Scan# 644

Delta R.T. -0.05 min

Lab File: BF079075.D

Acq: 9 May 2015 10:54

Instrument :

BNA_F

ClientSampleId :

TU012-SB-17-8.5

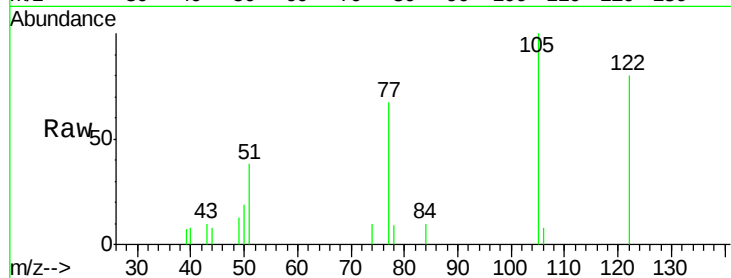
Tgt Ion:122 Resp: 5183

Ion Ratio Lower Upper

122 100

105 125.0 107.1 147.1

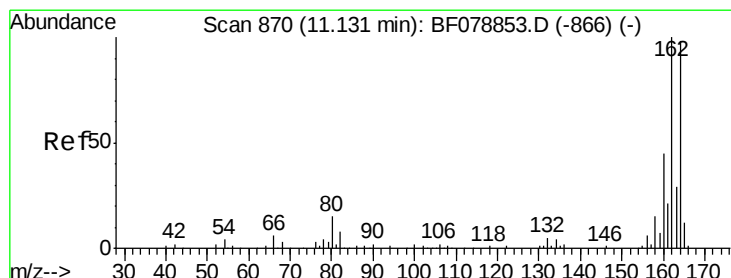
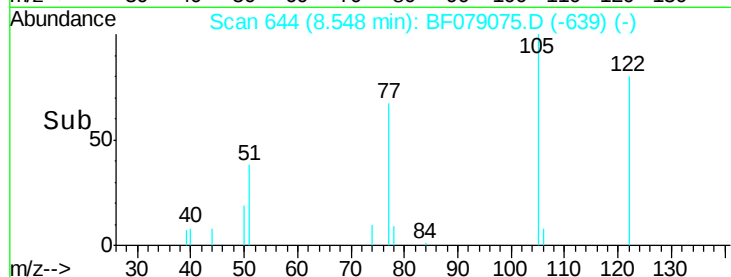
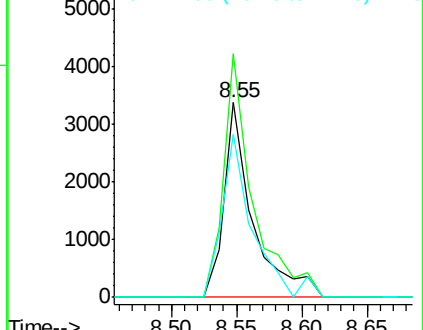
77 83.5 73.9 113.9



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: 11.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF079075.D

Acq: 9 May 2015 10:54

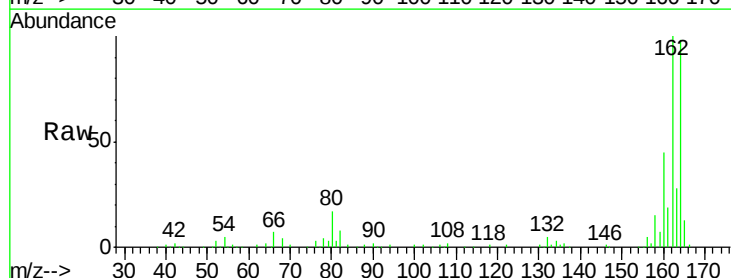
Tgt Ion:164 Resp: 138687

Ion Ratio Lower Upper

164 100

162 102.1 82.7 124.1

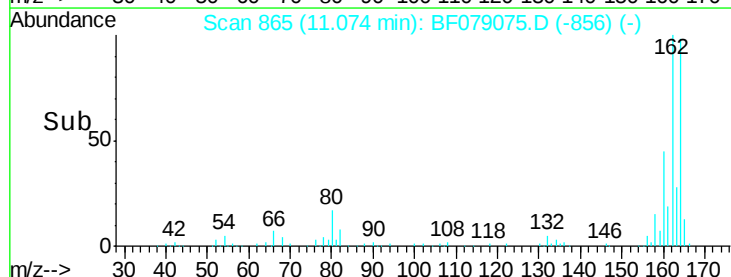
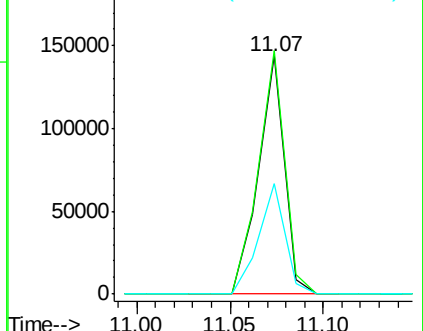
160 46.4 35.8 53.8

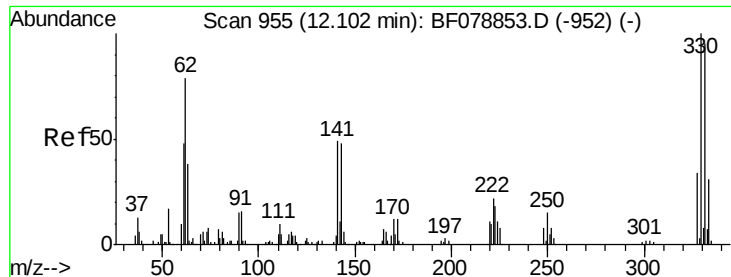


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

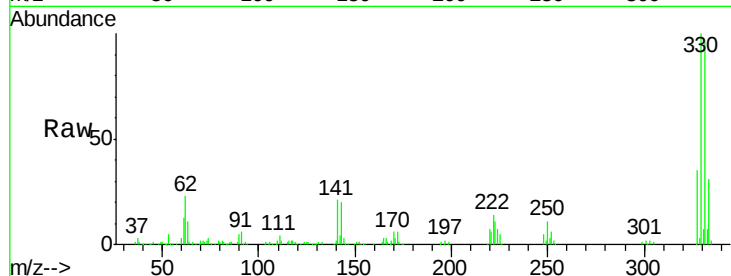




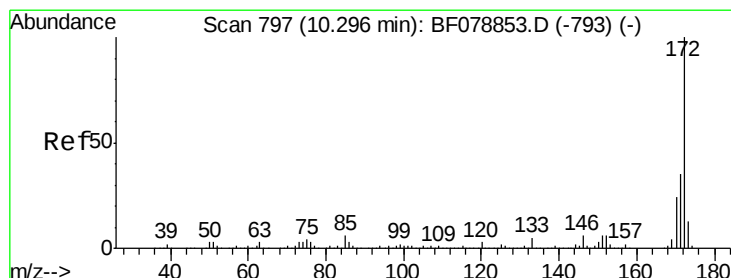
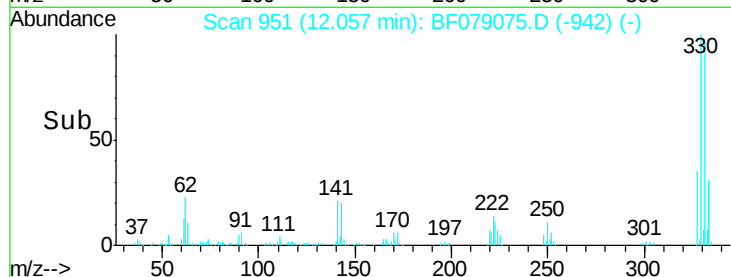
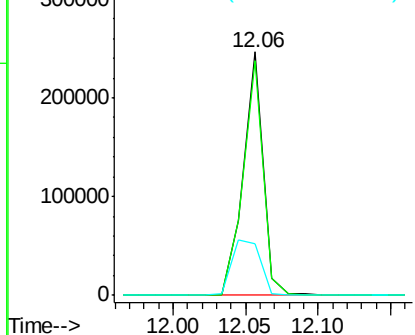
#41
 2,4,6-Tribromophenol
 Concen: 157.97 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079075.D
 Acq: 9 May 2015 10:54

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-17-8.5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	32.7	0.0	0.0#

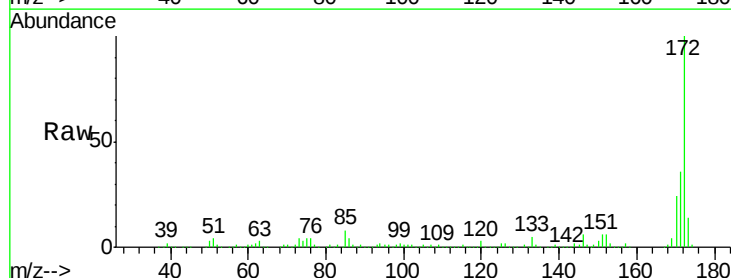


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

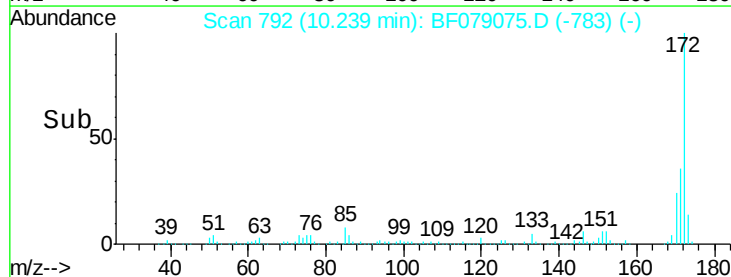
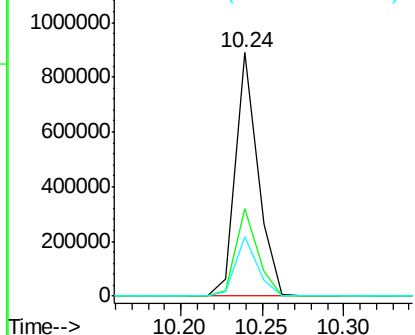


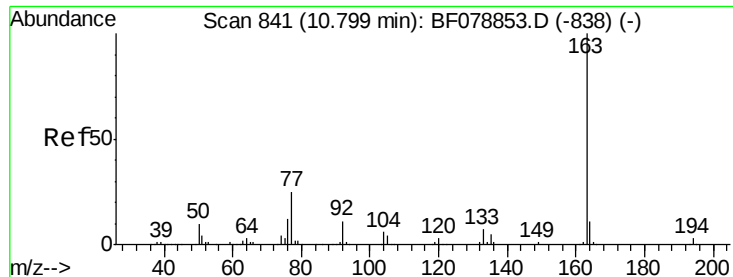
#44
 2-Fluorobiphenyl
 Concen: 84.15 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079075.D
 Acq: 9 May 2015 10:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	24.2	19.4	29.0



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

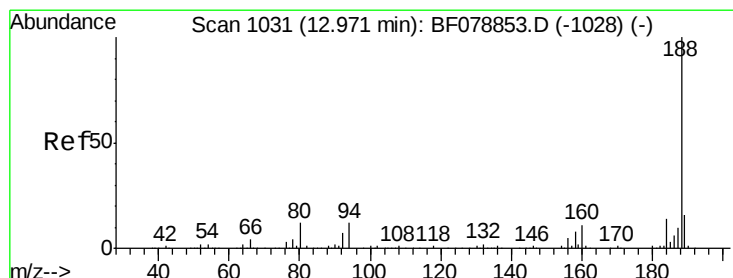
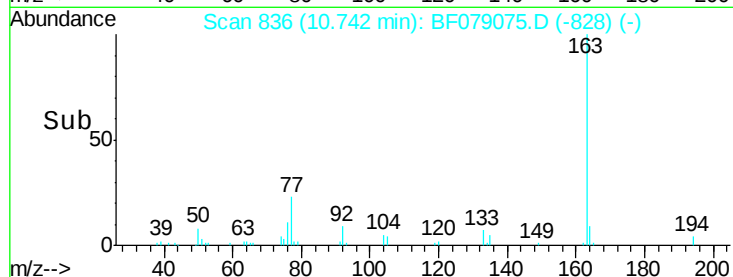
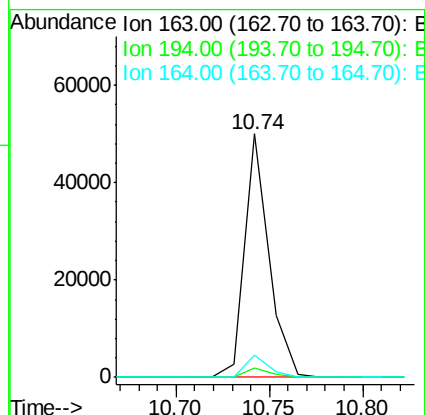
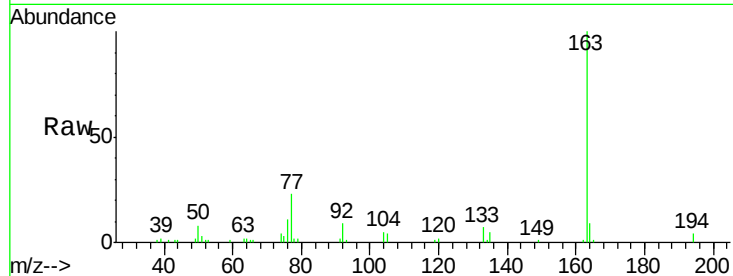




#49
Dimethylphthalate
Concen: 4.44 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

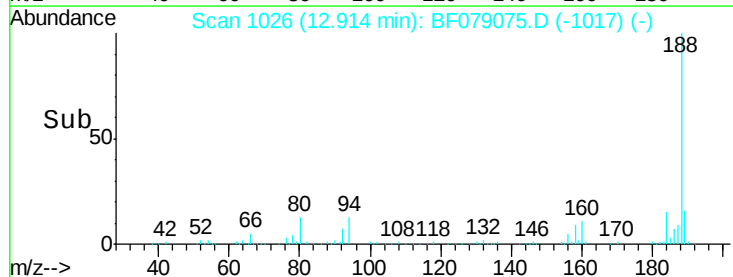
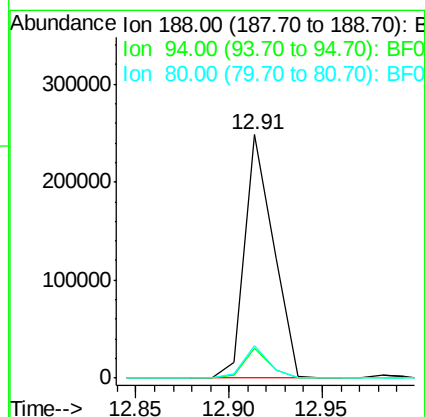
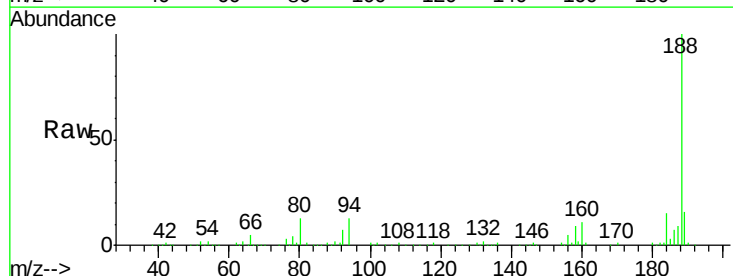
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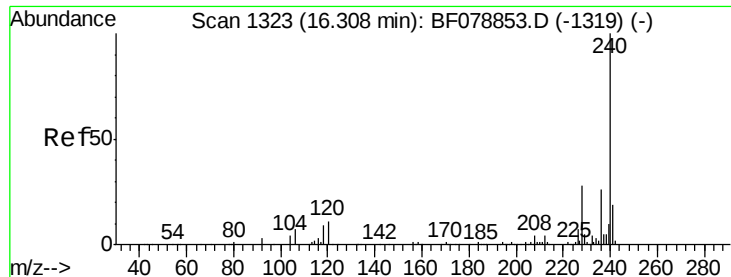
Tgt Ion:163 Resp: 45151
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.3 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Tgt Ion:188 Resp: 267953
Ion Ratio Lower Upper
188 100
94 12.5 8.2 12.2#
80 13.4 8.9 13.3#

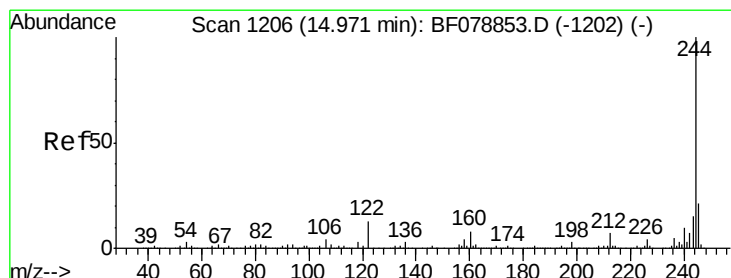
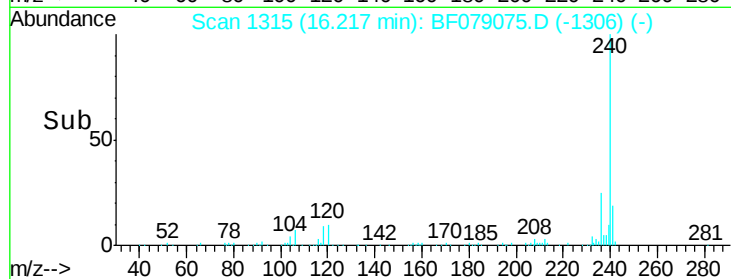
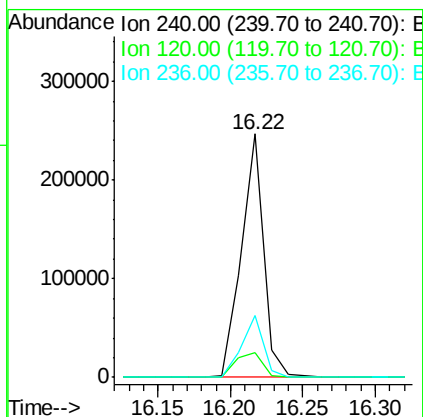
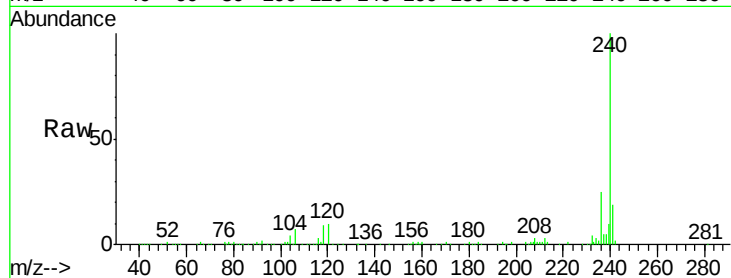




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

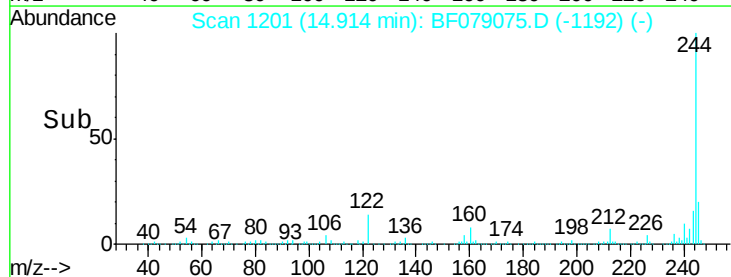
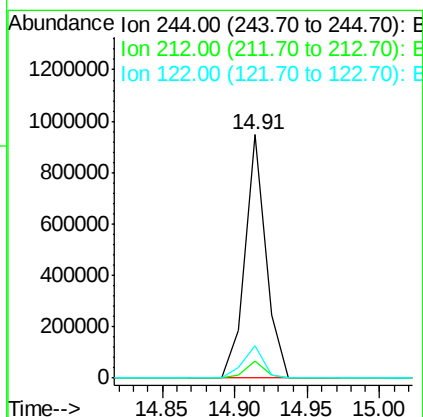
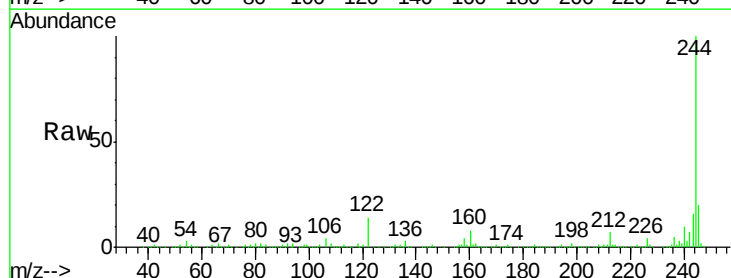
Instrument :
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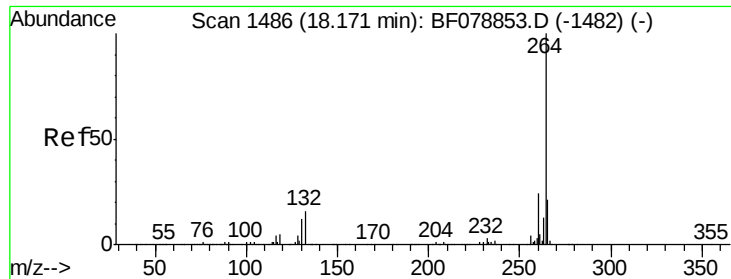
Tgt Ion:240 Resp: 263803
Ion Ratio Lower Upper
240 100
120 10.1 9.7 14.5
236 25.4 20.2 30.4



#78
Terphenyl-d14
Concen: 86.30 ng
RT: 14.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Tgt Ion:244 Resp: 950912
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 13.5 10.3 15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.98 min Scan# 1469
Delta R.T. 0.05 min
Lab File: BF079075.D
Acq: 9 May 2015 10:54

Instrument :
BNA_F
ClientSampleId :
TU012-SB-17-8.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.6	18.3	27.5

