

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
 Data File : BF078974.D
 Acq On : 6 May 2015 21:47
 Operator : TP/IZ
 Sample : G2035-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SS

Quant Time: May 07 01:12:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 00:45:56 2015
 Response via : Initial Calibration

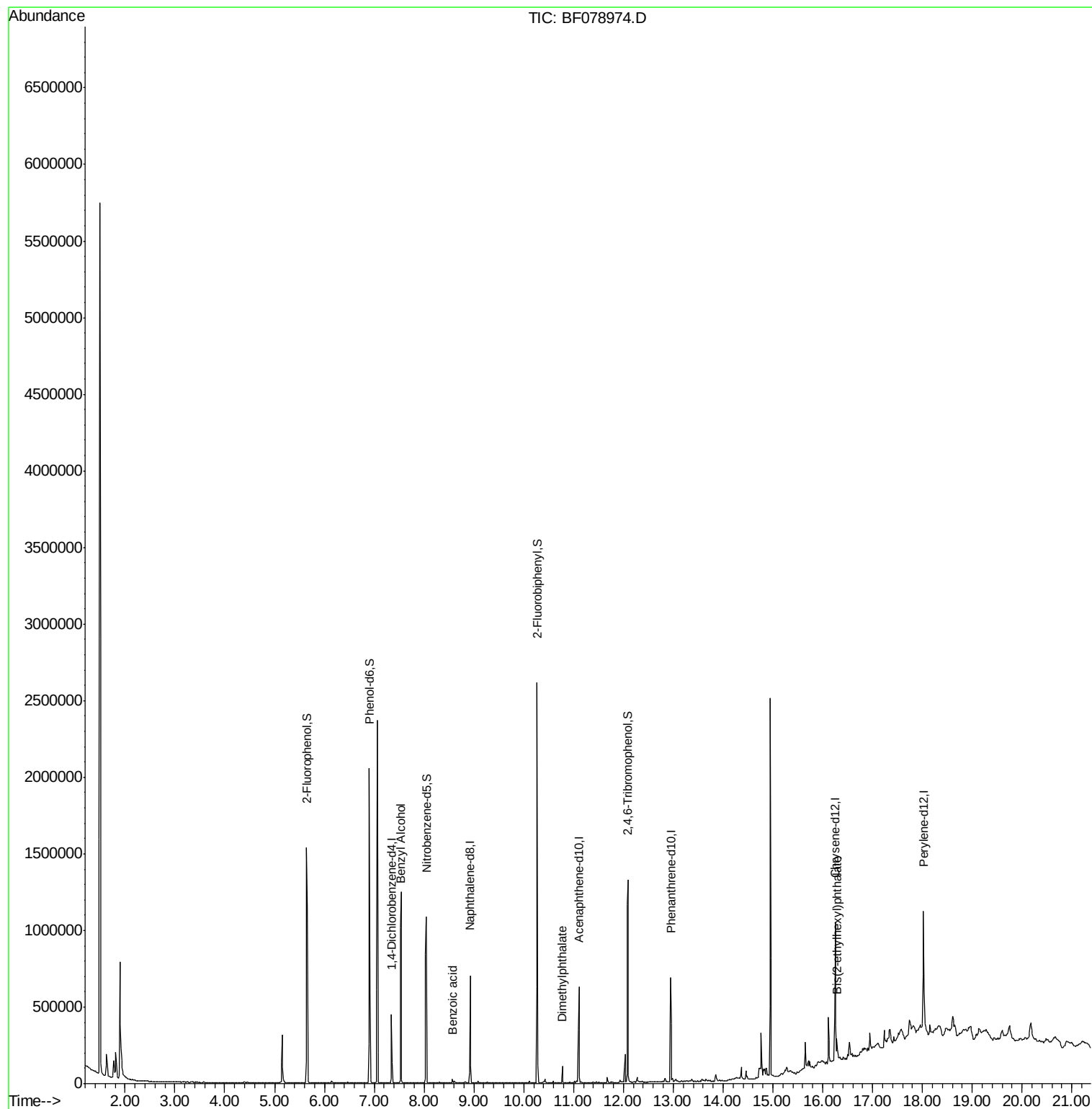
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	67880	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	301053	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	147913	20.00	ng	0.01
63) Phenanthrene-d10	12.95	188	298094	20.00	ng	0.00
75) Chrysene-d12	16.25	240	337506	20.00	ng	-0.06
86) Perylene-d12	18.02	264	355204	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	578356	146.66	ng	0.01
7) Phenol-d6	6.90	99	744908	142.91	ng	0.01
23) Nitrobenzene-d5	8.04	82	461676	88.14	ng	0.01
41) 2,4,6-Tribromophenol	12.09	330	238563	149.09	ng	0.01
44) 2-Fluorobiphenyl	10.27	172	797175	75.09	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
15) Benzyl Alcohol	7.53	79	7773	2.01	ng	# 55
32) Benzoic acid	8.57	122	6122	8.29	ng	# 80
49) Dimethylphthalate	10.78	163	42714	3.93	ng	100
83) Bis(2-ethylhexyl)phthalate	16.29	149	27376	2.13	ng	# 99

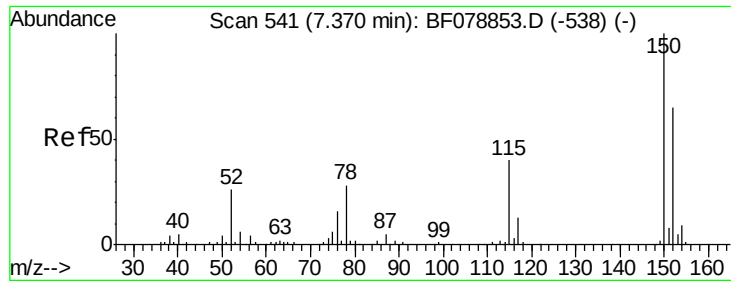
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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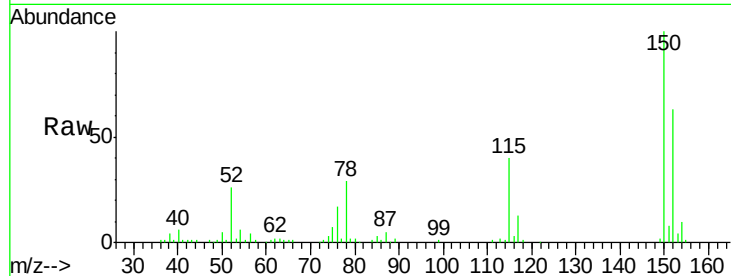


#1

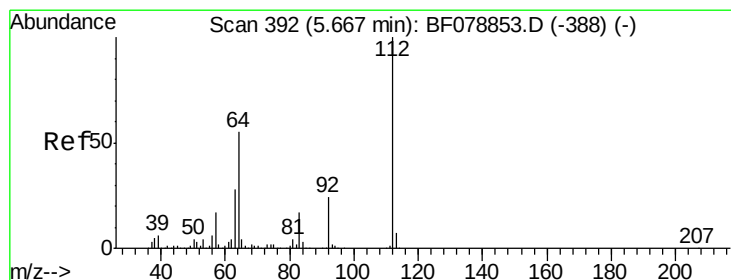
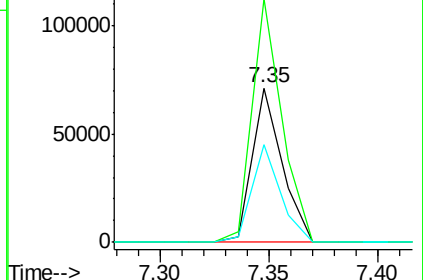
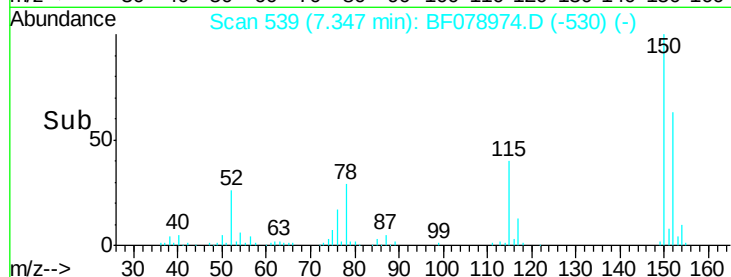
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078974.D
Acq: 6 May 2015 21:47

Instrument :
BNA_F
ClientSampleId :
TP-15-SS

Tgt Ion:152 Resp: 67880
Ion Ratio Lower Upper
152 100
150 158.0 122.0 183.0
115 63.7 46.3 69.5



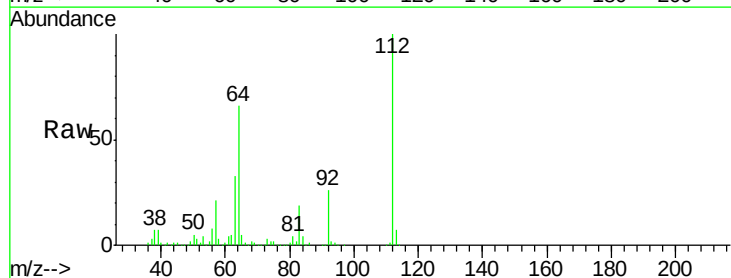
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



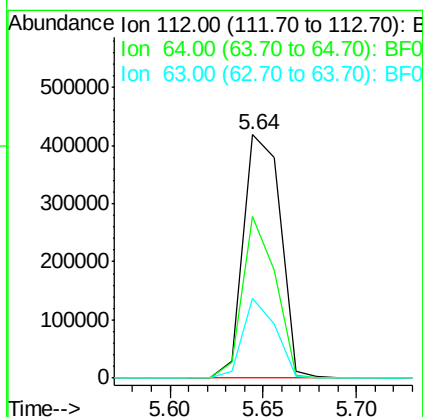
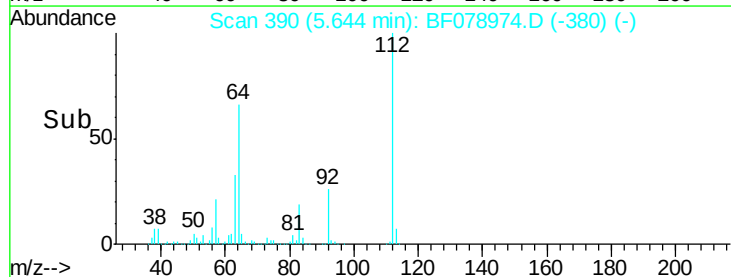
#5

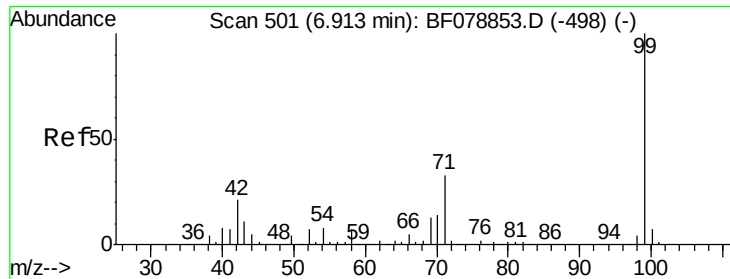
2-Fluorophenol
Concen: 146.66 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078974.D
Acq: 6 May 2015 21:47

Tgt Ion:112 Resp: 578356
Ion Ratio Lower Upper
112 100
64 66.2 53.5 80.3
63 32.8 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: 142.91 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078974.D

Acq: 6 May 2015 21:47

Instrument :

BNA_F

ClientSampleId :

TP-15-SS

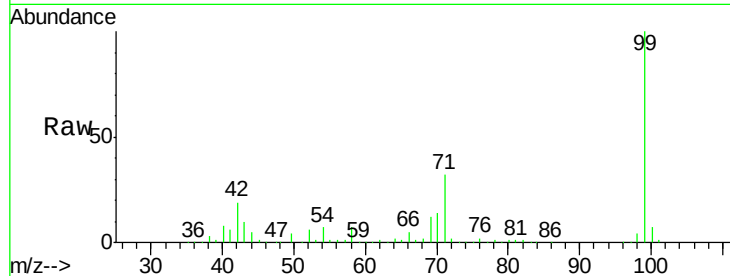
Tgt Ion: 99 Resp: 744908

Ion Ratio Lower Upper

99 100

42 18.8 12.8 19.2

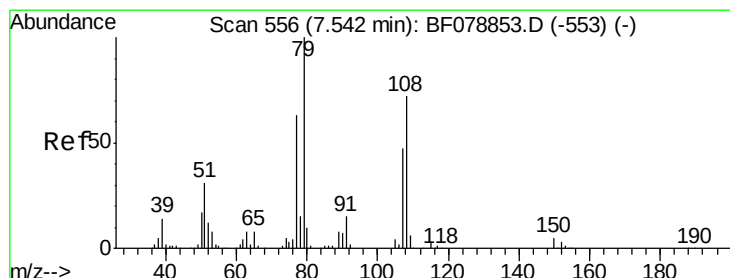
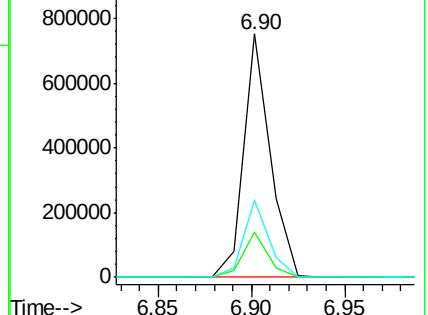
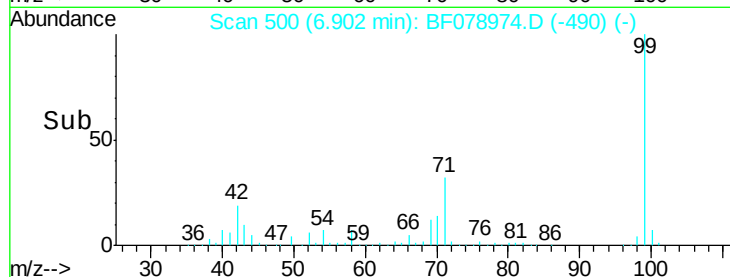
71 31.6 23.4 35.2



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: 2.01 ng

RT: 7.53 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF078974.D

Acq: 6 May 2015 21:47

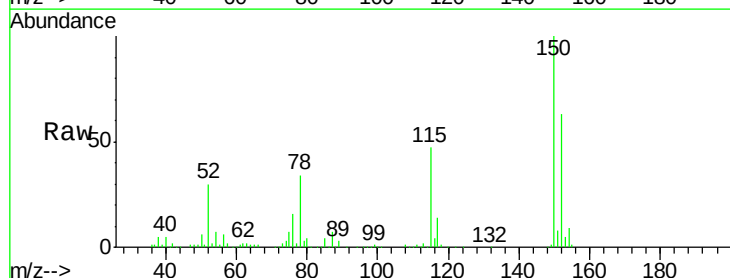
Tgt Ion: 79 Resp: 7773

Ion Ratio Lower Upper

79 100

108 30.7 62.5 93.7#

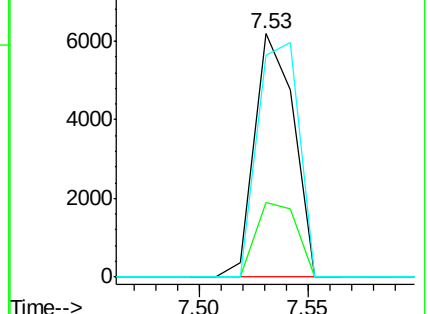
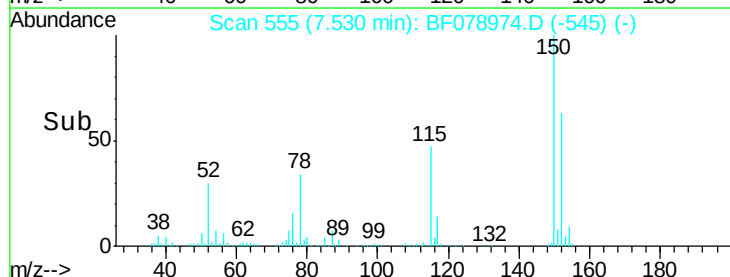
77 91.4 52.2 78.4#

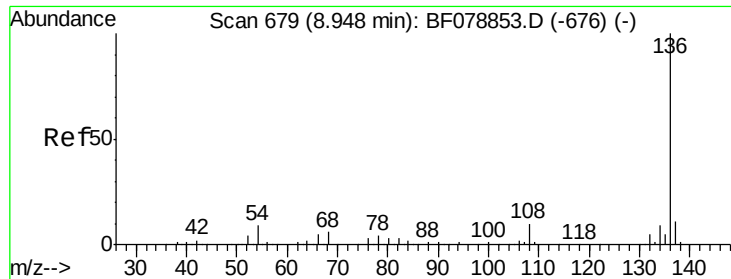


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

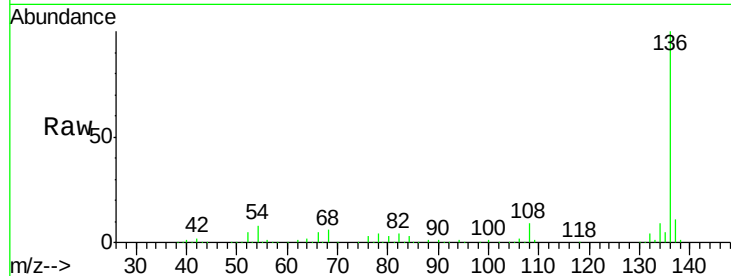




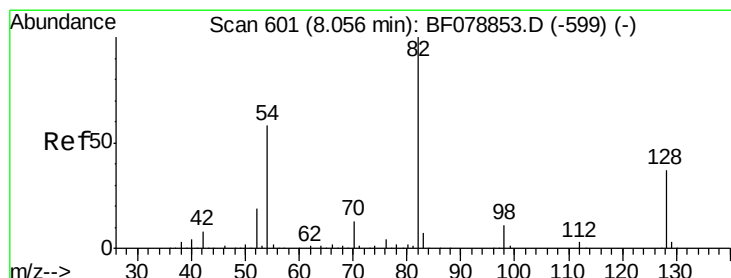
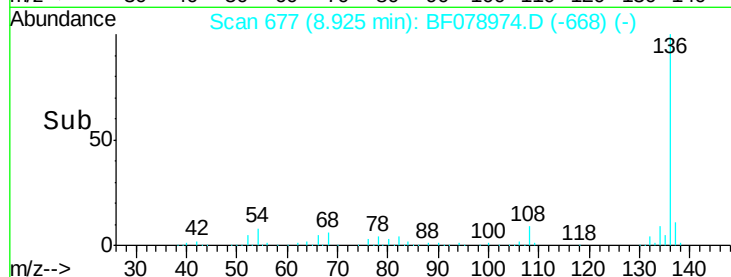
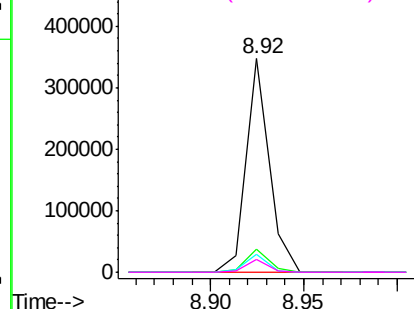
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078974.D
Acq: 6 May 2015 21:47

Instrument :
BNA_F
ClientSampleId :
TP-15-SS

Tgt Ion:	136	Resp:	301053
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.4	5.8	8.8
68	6.1	4.2	6.4

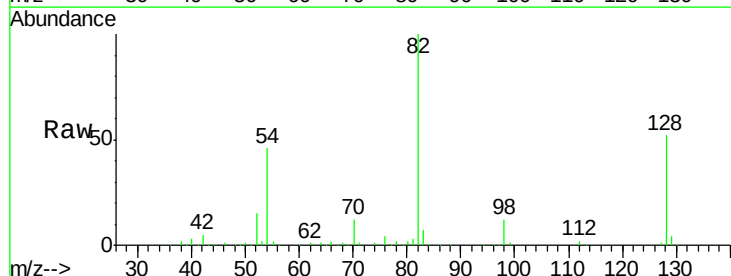


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

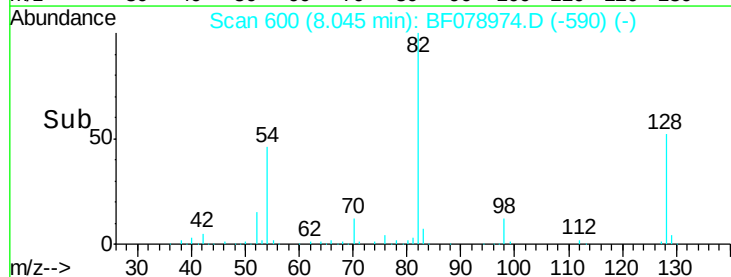
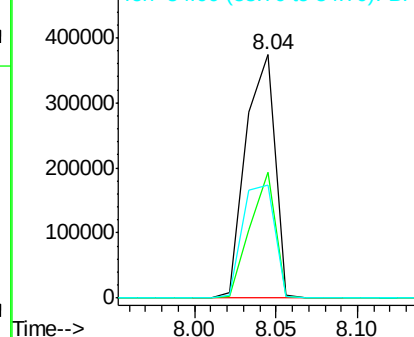


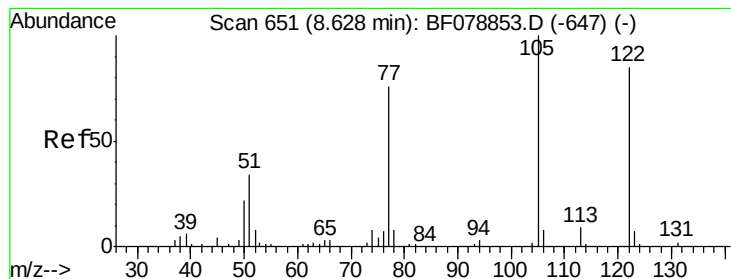
#23
Nitrobenzene-d5
Concen: 88.14 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.01 min
Lab File: BF078974.D
Acq: 6 May 2015 21:47

Tgt Ion:	82	Resp:	461676
Ion	Ratio	Lower	Upper
82	100		
128	51.6	30.0	45.0#
54	46.5	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: 8.29 ng

RT: 8.57 min Scan# 646

Delta R.T. -0.05 min

Lab File: BF078974.D

Acq: 6 May 2015 21:47

Instrument :

BNA_F

ClientSampleId :

TP-15-SS

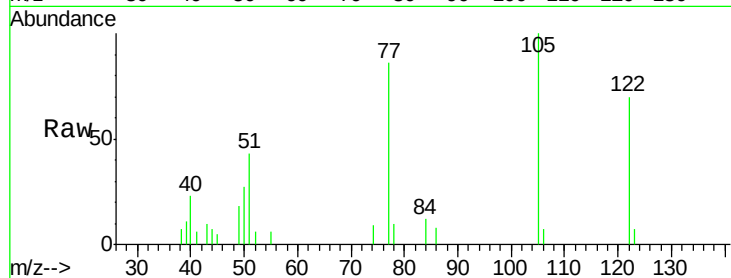
Tgt Ion:122 Resp: 6122

Ion Ratio Lower Upper

122 100

105 142.2 107.1 147.1

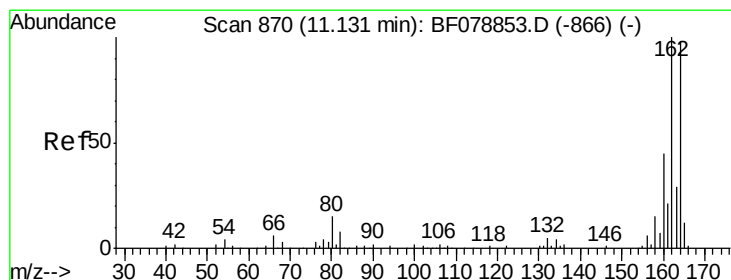
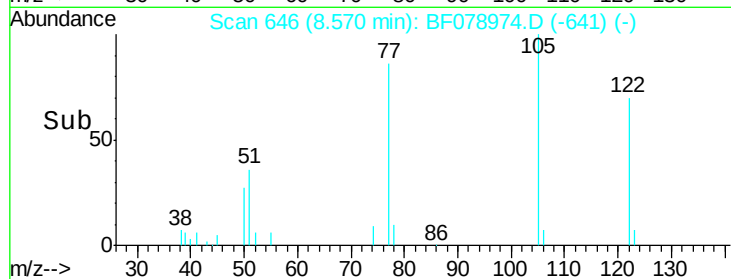
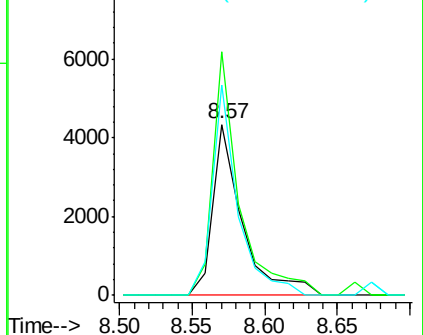
77 122.5 73.9 113.9#



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: 11.11 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF078974.D

Acq: 6 May 2015 21:47

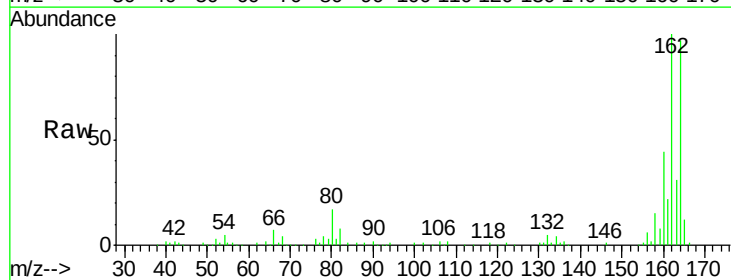
Tgt Ion:164 Resp: 147913

Ion Ratio Lower Upper

164 100

162 103.3 82.7 124.1

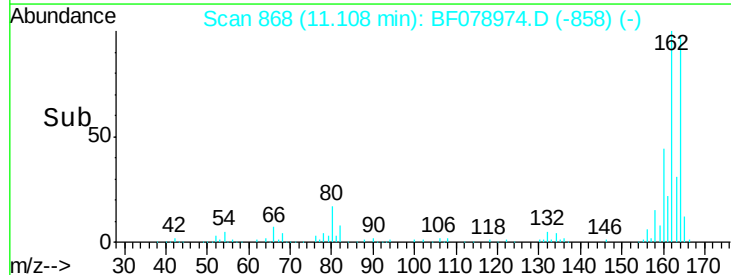
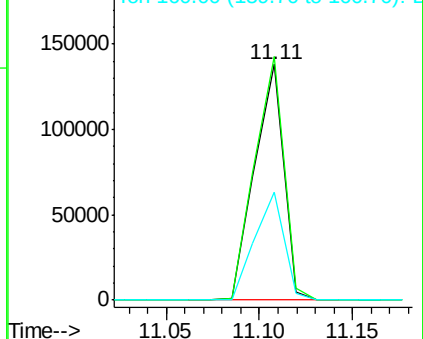
160 45.7 35.8 53.8

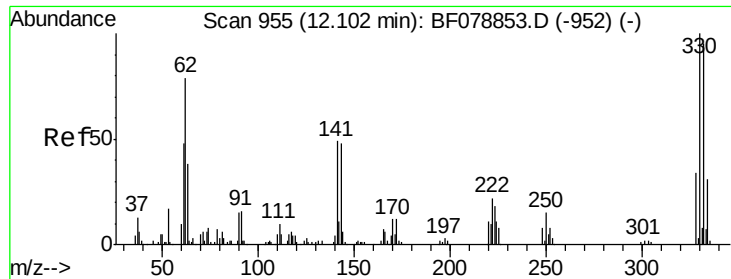


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

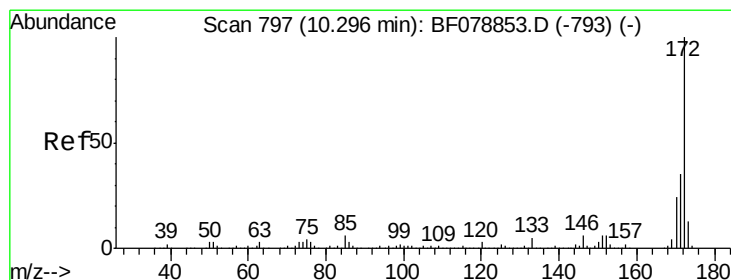
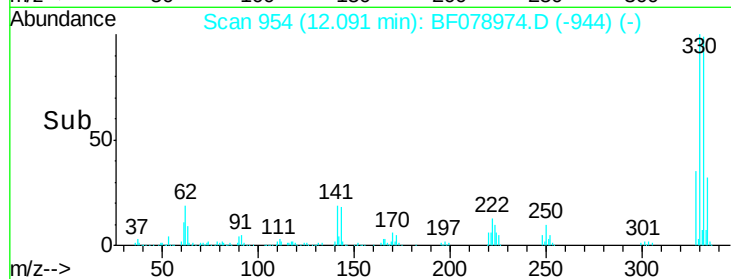
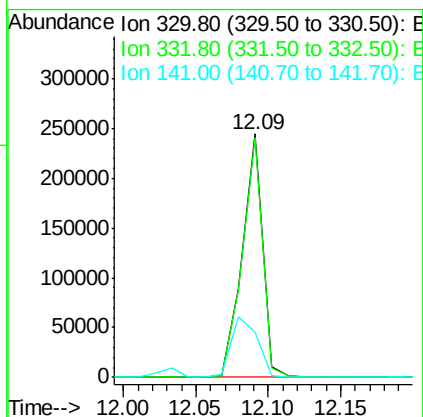
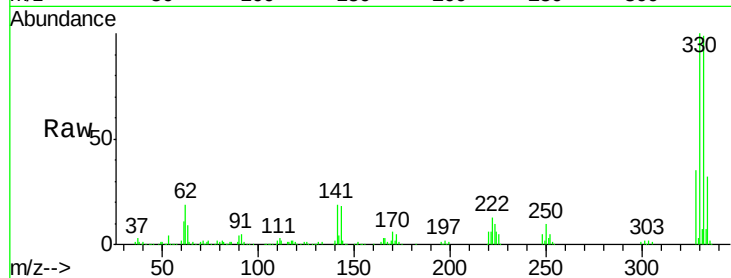




#41
 2,4,6-Tribromophenol
 Concen: 149.09 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF078974.D
 Acq: 6 May 2015 21:47

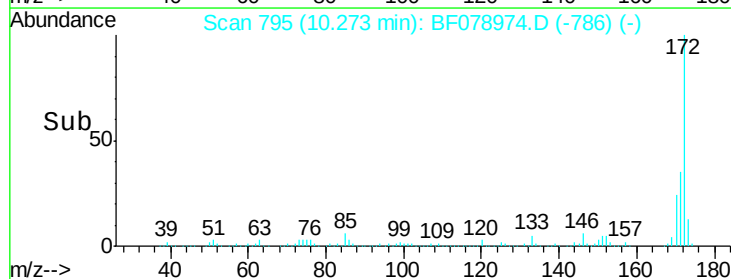
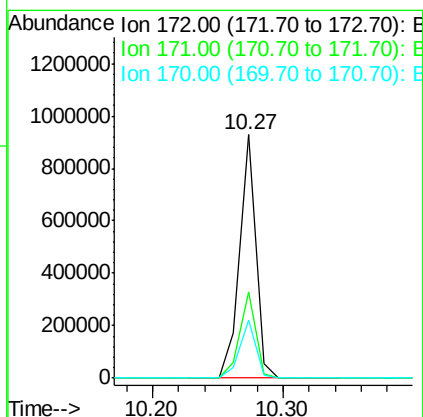
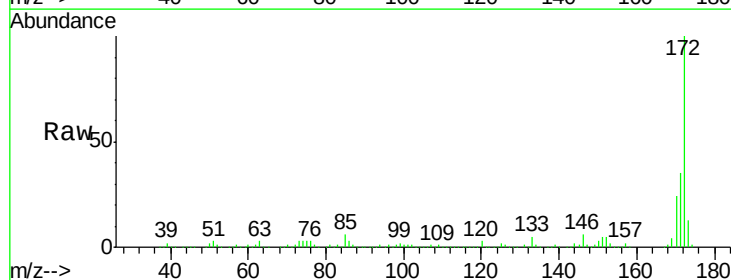
Instrument :
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 ClientSampleId :
 TP-15-SS

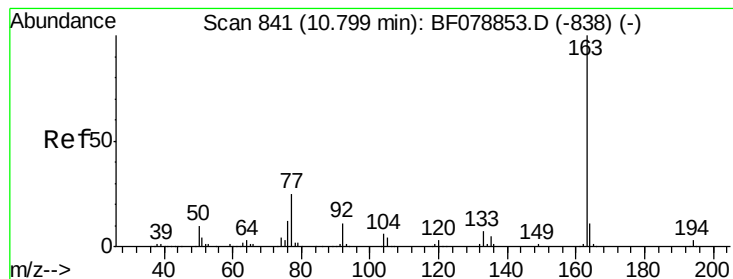
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	0.0	0.0#
141	32.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 75.09 ng
 RT: 10.27 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078974.D
 Acq: 6 May 2015 21:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	24.0	19.4	29.0





#49

Dimethylphthalate

Concen: 3.93 ng

RT: 10.78 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF078974.D

Acq: 6 May 2015 21:47

Instrument :

BNA_F

ClientSampleId :

TP-15-SS

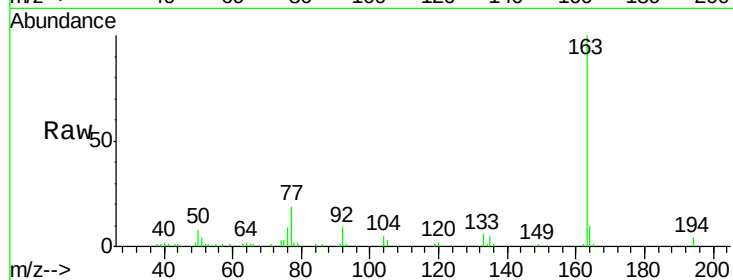
Tgt Ion:163 Resp: 42714

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

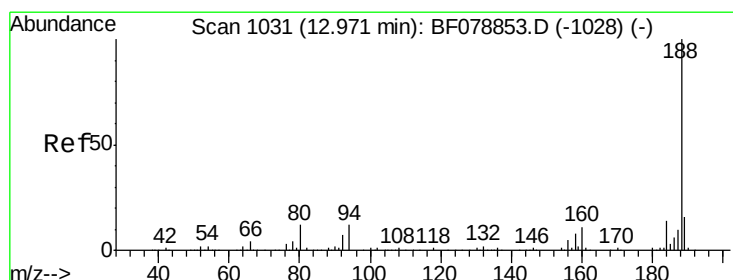
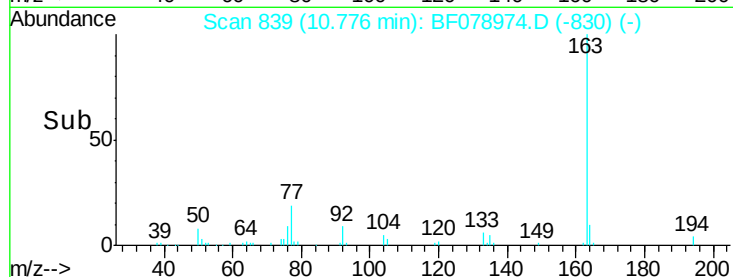
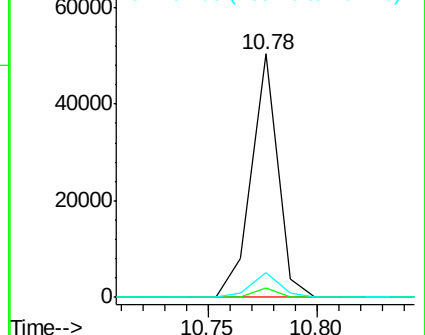
164 10.2 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.95 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF078974.D

Acq: 6 May 2015 21:47

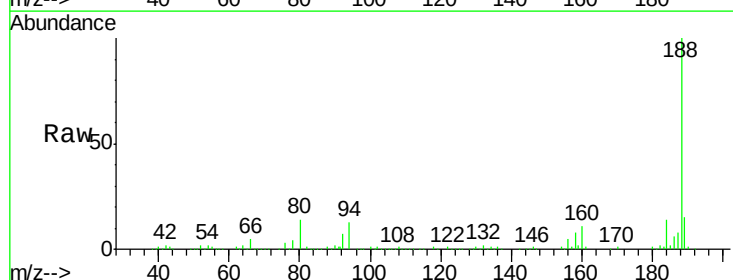
Tgt Ion:188 Resp: 298094

Ion Ratio Lower Upper

188 100

94 12.8 8.2 12.2#

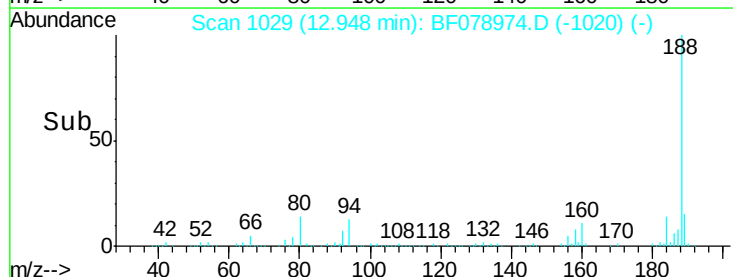
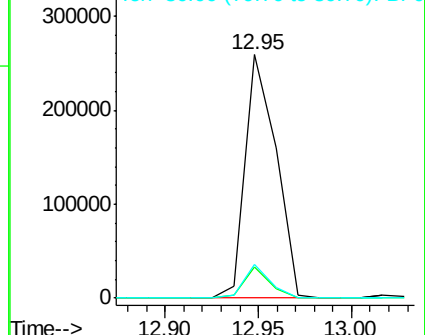
80 13.9 8.9 13.3#

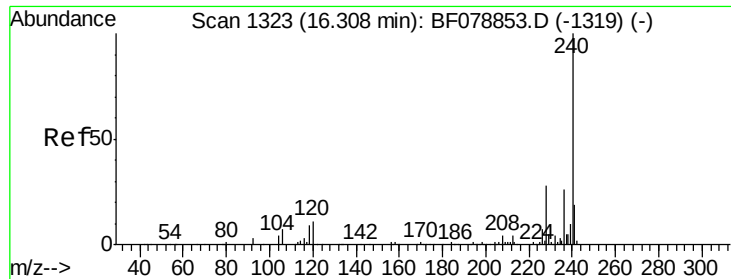


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.25 min Scan# 1318

Delta R.T. -0.06 min

Lab File: BF078974.D

Acq: 6 May 2015 21:47

Instrument :

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ClientSampleId :

TP-15-SS

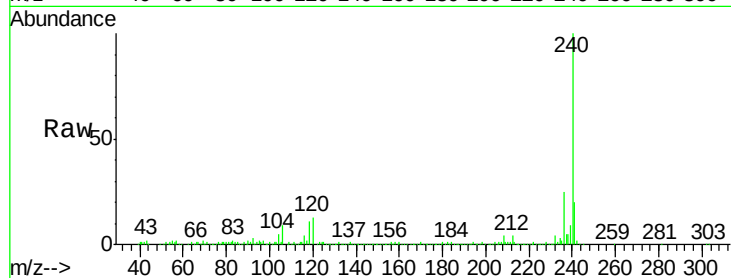
Tgt Ion: 240 Resp: 337506

Ion Ratio Lower Upper

240 100

120 12.7 9.7 14.5

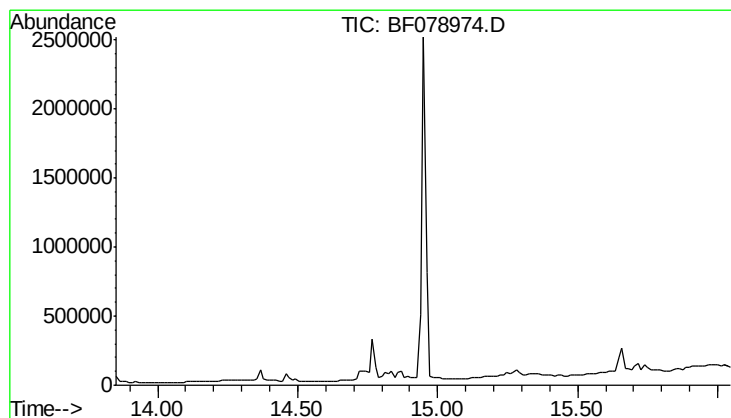
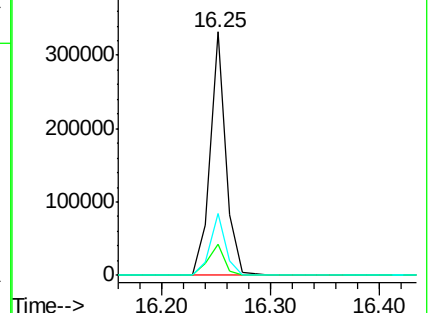
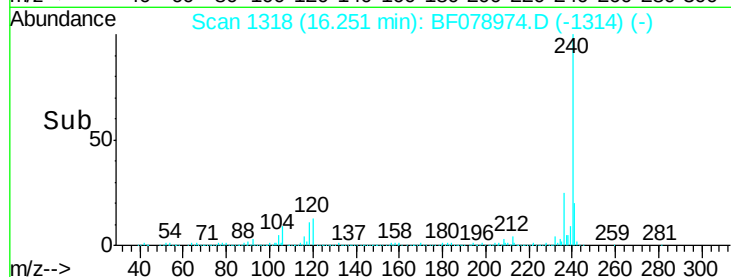
236 25.4 20.2 30.4



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: 0.00 ng

Expected RT: 14.95 min

Lab File: BF078974.D

Acq: 6 May 2015 21:47

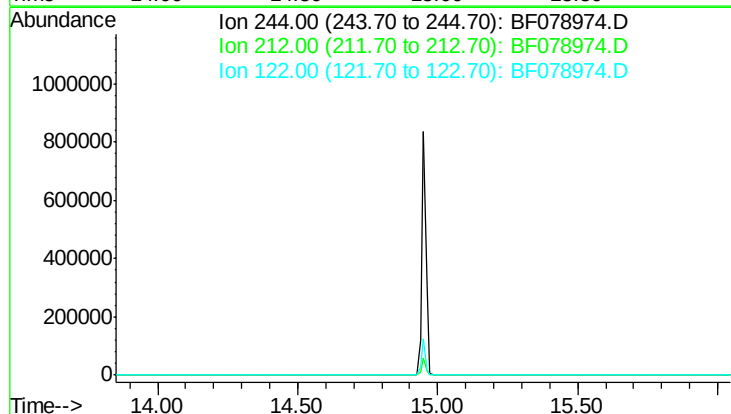
Tgt Ion: 244

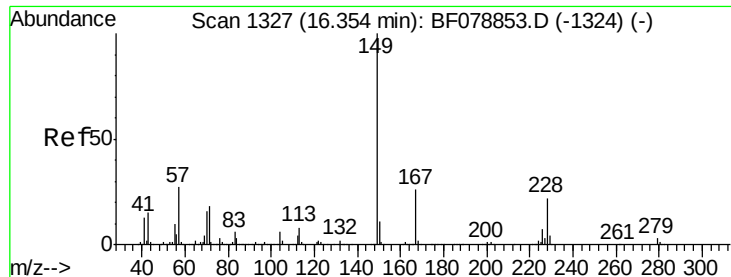
Sig Exp Ratio

244 100

212 7.0

122 12.9

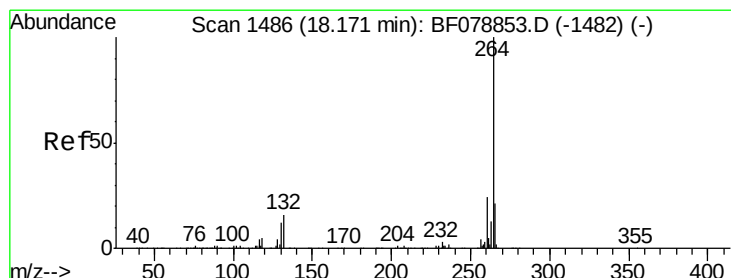
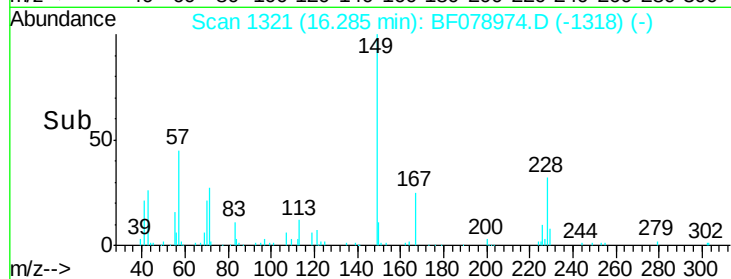
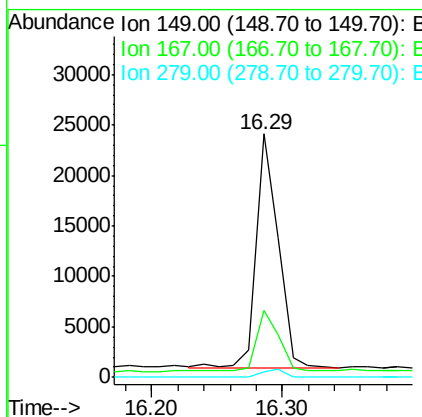
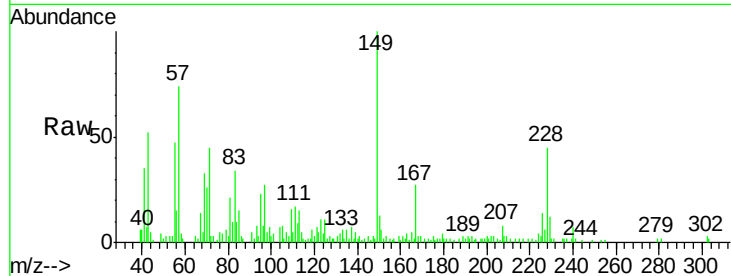




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.13 ng
 RT: 16.29 min Scan# 1321
 Delta R.T. -0.07 min
 Lab File: BF078974.D
 Acq: 6 May 2015 21:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SS

Tgt Ion:149 Resp: 27376
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.8 32.8
 279 2.1 2.9 4.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.02 min Scan# 1473
 Delta R.T. -0.21 min
 Lab File: BF078974.D
 Acq: 6 May 2015 21:47

Tgt Ion:264 Resp: 355204
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 22.0 18.3 27.5

