

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040115\
 Data File : BF078171.D
 Acq On : 2 Apr 2015 00:21
 Operator : TP/IZ
 Sample : PB82482BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BL

Quant Time: Apr 02 04:19:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

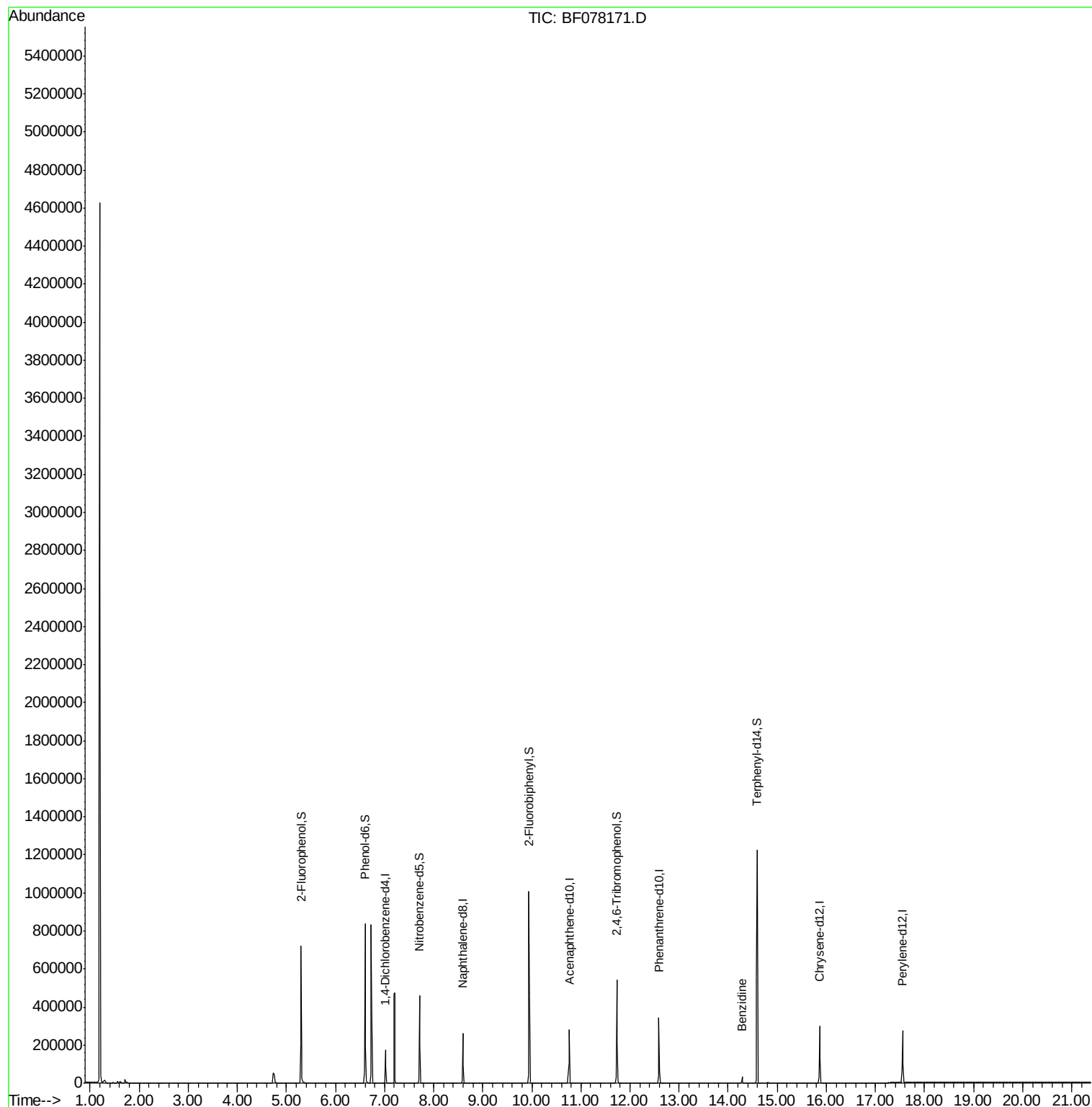
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	32484	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	133718	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	63683	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	131169	20.00	ng	0.00
75) Chrysene-d12	15.86	240	127665	20.00	ng	-0.01
86) Perylene-d12	17.55	264	119709	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	242722	123.20	ng	0.00
7) Phenol-d6	6.60	99	295250	119.58	ng	0.00
23) Nitrobenzene-d5	7.71	82	166787	75.60	ng	0.00
41) 2,4,6-Tribromophenol	11.73	330	66552	126.01	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	376297	84.46	ng	0.00
78) Terphenyl-d14	14.59	244	467630	82.77	ng	0.00
Target Compounds						
76) Benzidine	14.28	184	18318	2.05	ng	Qvalue 98

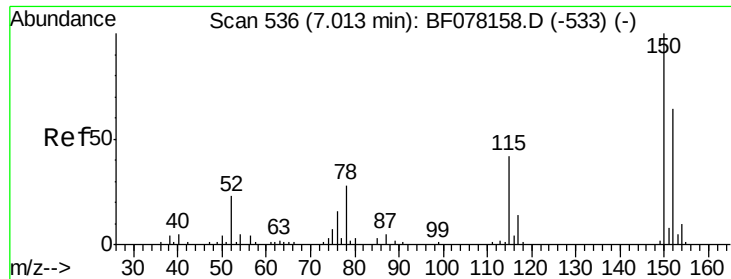
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 02 04:05:08 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078171.D

Acq: 2 Apr 2015 00:21

Instrument :

BNA_F

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PB82482BL

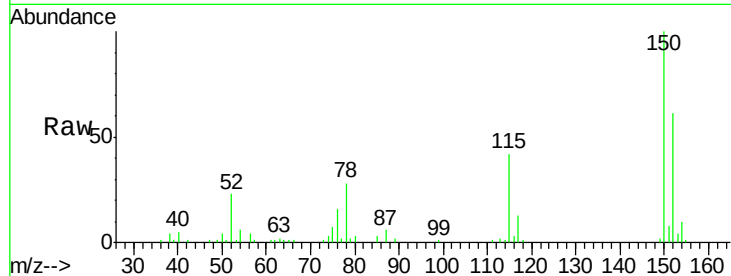
Tgt Ion:152 Resp: 32484

Ion Ratio Lower Upper

152 100

150 164.1 125.9 188.9

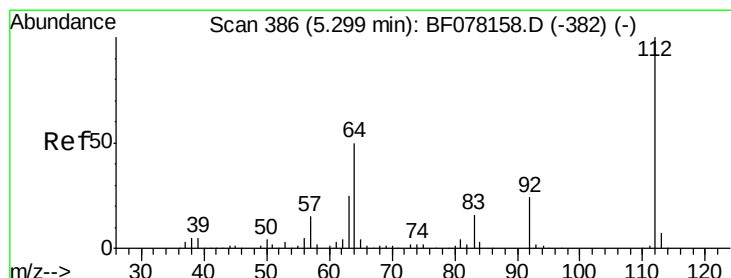
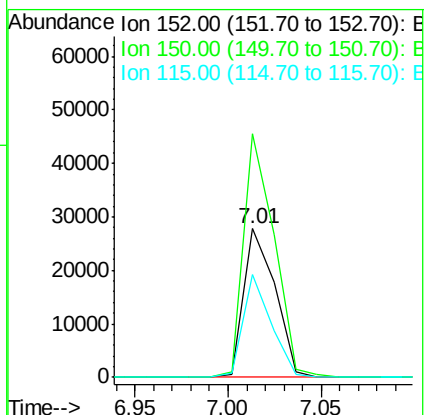
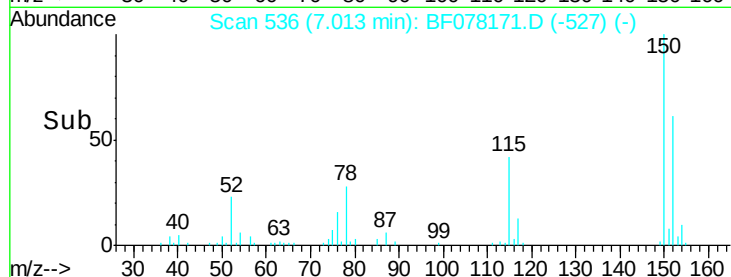
115 69.6 52.7 79.1



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: 123.20 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF078171.D

Acq: 2 Apr 2015 00:21

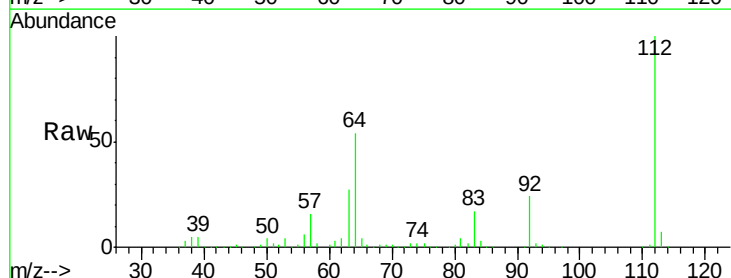
Tgt Ion:112 Resp: 242722

Ion Ratio Lower Upper

112 100

64 54.1 39.9 59.9

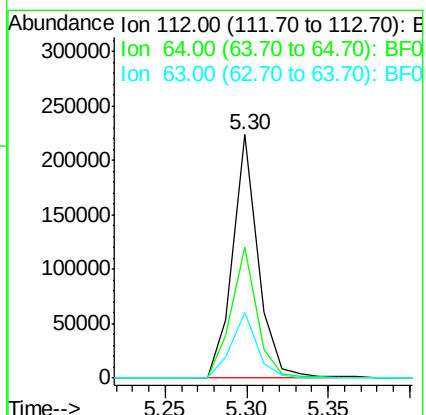
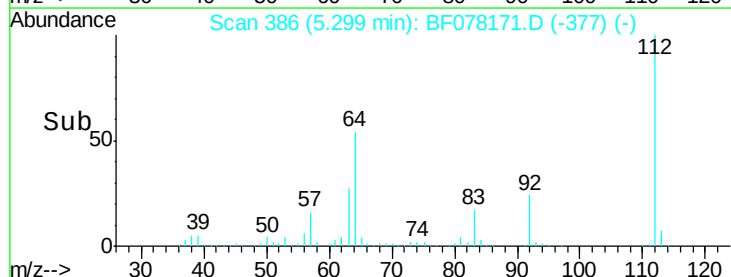
63 27.0 20.2 30.4

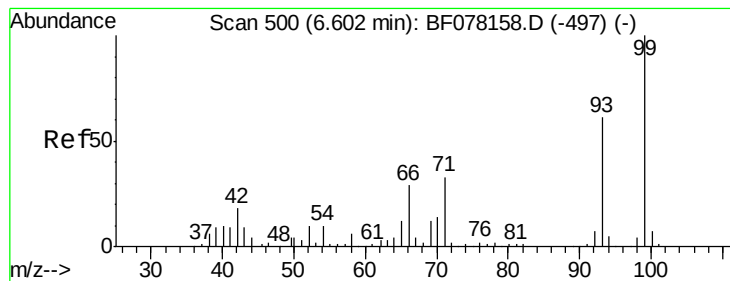


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.58 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078171.D

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Instrument :

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PB82482BL

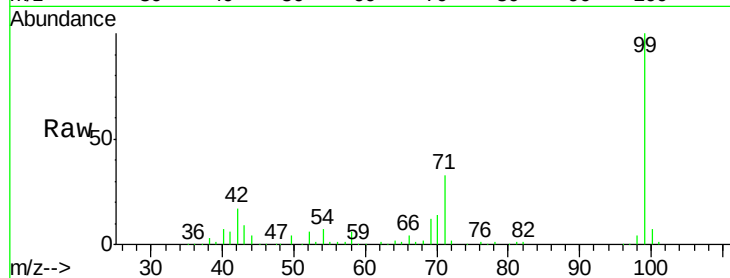
Tgt Ion: 99 Resp: 295250

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

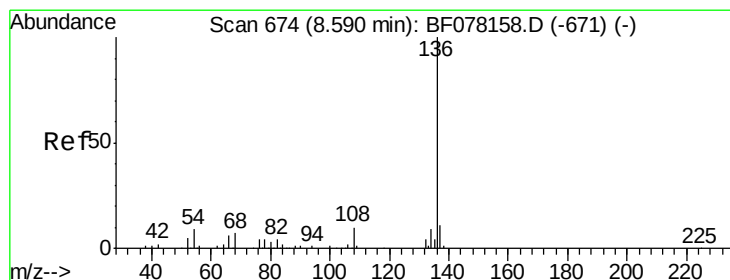
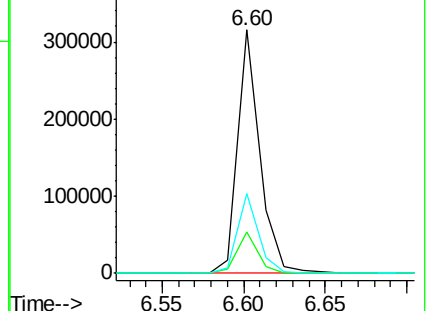
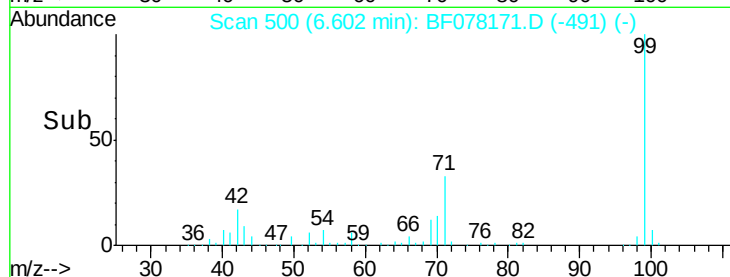
71 32.8 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078171.D

Acq: 2 Apr 2015 00:21

Tgt Ion: 136 Resp: 133718

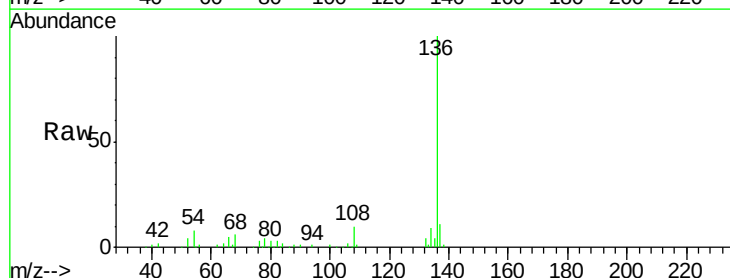
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 8.2 7.0 10.6

68 6.4 5.4 8.2

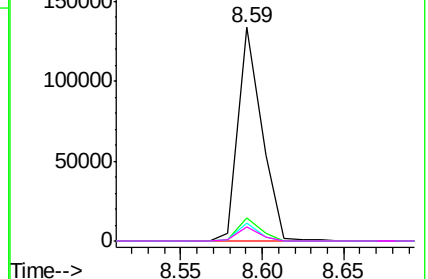
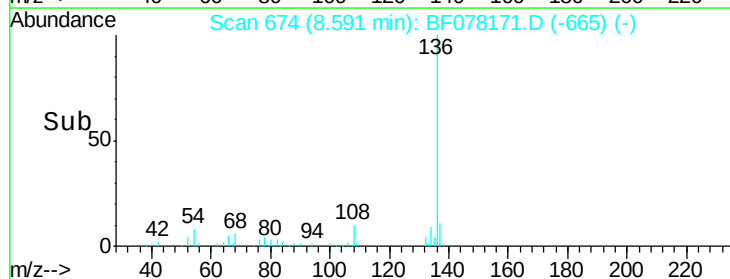


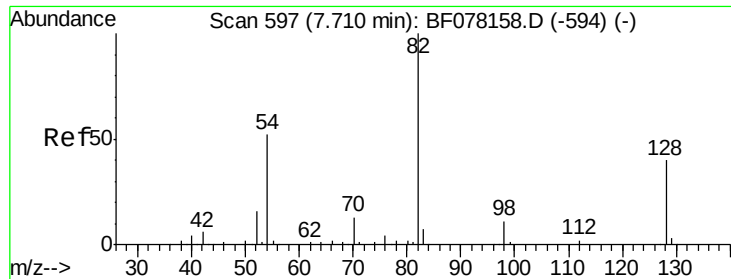
Abundance Ion 136.00 (135.70 to 136.70): E

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

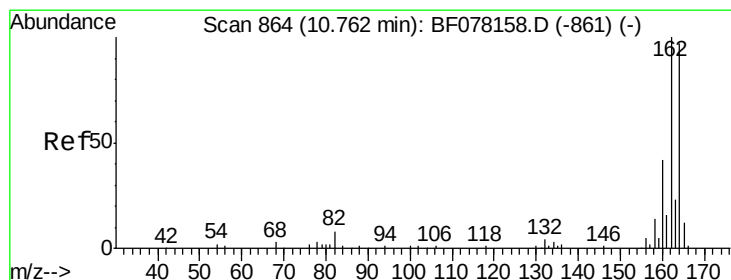
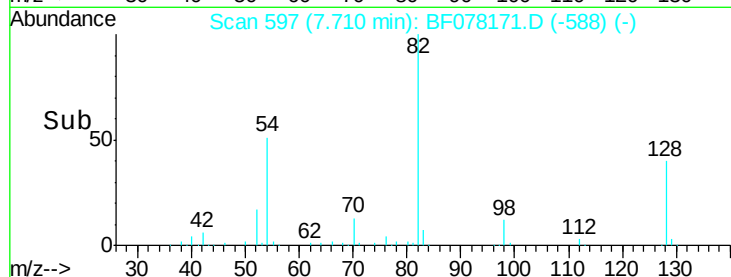
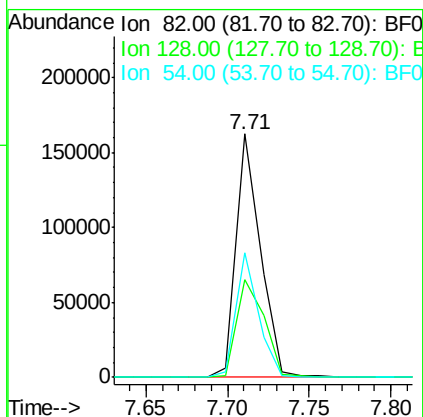
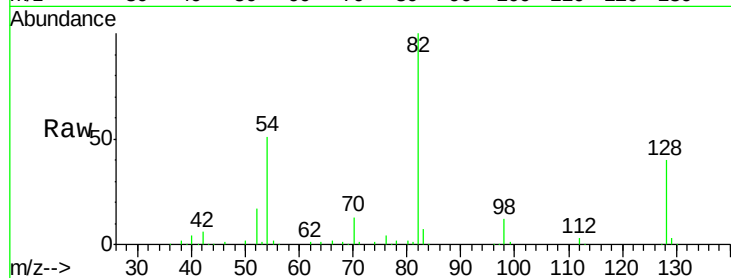




#23
 Nitrobenzene-d5
 Concen: 75.60 ng
 RT: 7.71 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF078171.D
 Acq: 2 Apr 2015 00:21

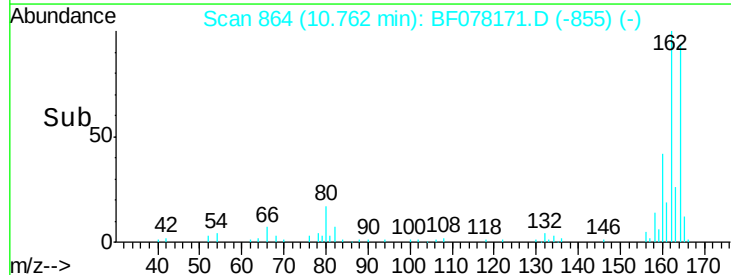
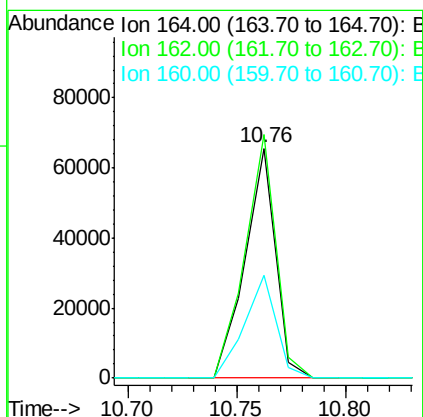
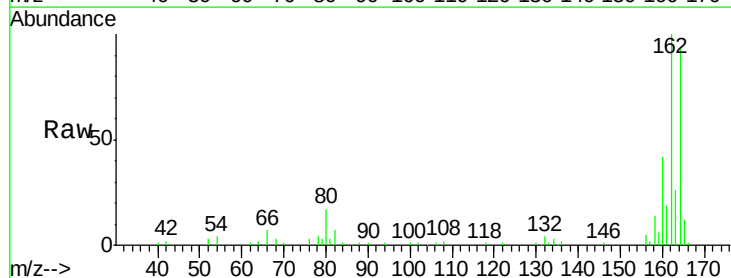
Instrument :
 BNA_F
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 PB82482BL

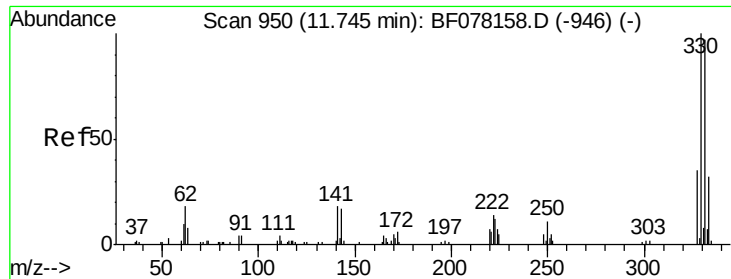
Tgt Ion: 82 Resp: 166787
 Ion Ratio Lower Upper
 82 100
 128 39.9 31.8 47.8
 54 51.4 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078171.D
 Acq: 2 Apr 2015 00:21

Tgt Ion: 164 Resp: 63683
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.2 123.2
 160 44.7 34.7 52.1

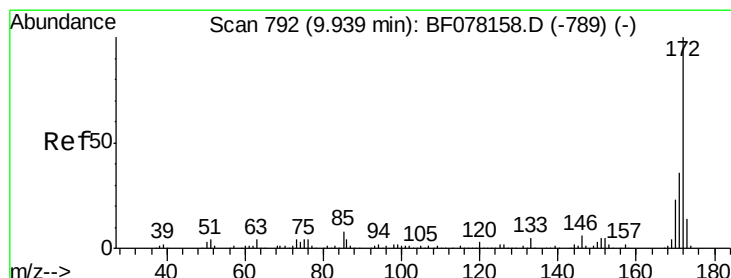
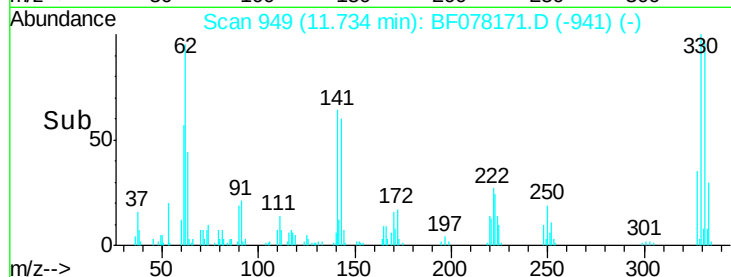
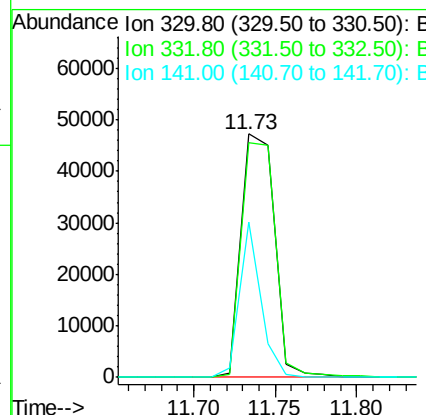
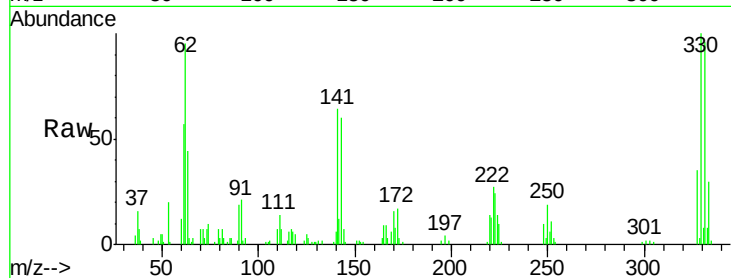




#41
 2,4,6-Tribromophenol
 Concen: 126.01 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078171.D
 Acq: 2 Apr 2015 00:21

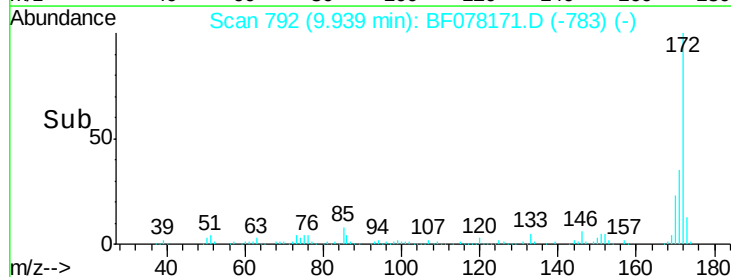
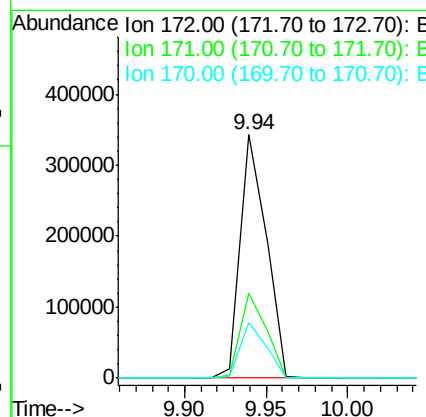
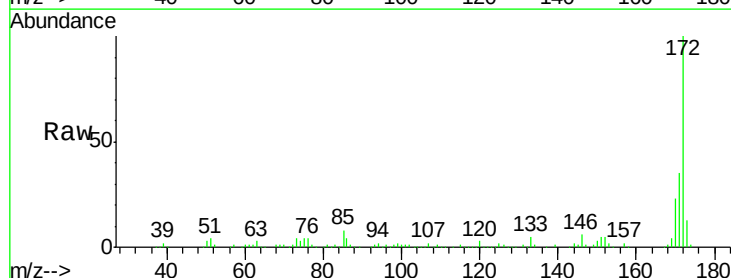
Instrument :
 BNA_F
 ClientSampleId :
 PB82482BL

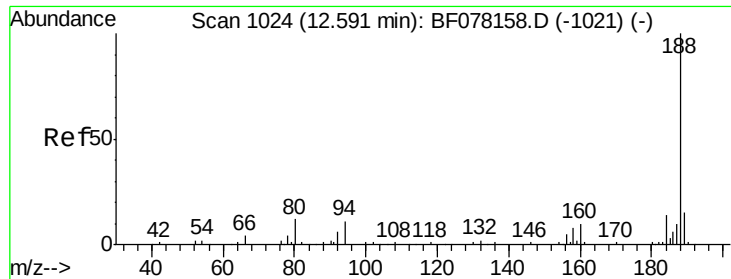
Tgt Ion:330 Resp: 66552
 Ion Ratio Lower Upper
 330 100
 332 98.9 78.6 117.8
 141 40.2 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 84.46 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078171.D
 Acq: 2 Apr 2015 00:21

Tgt Ion:172 Resp: 376297
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 22.8 18.5 27.7

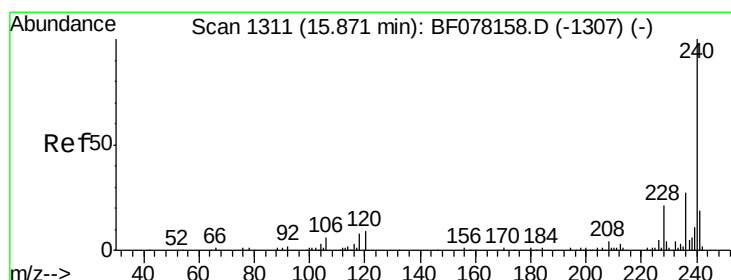
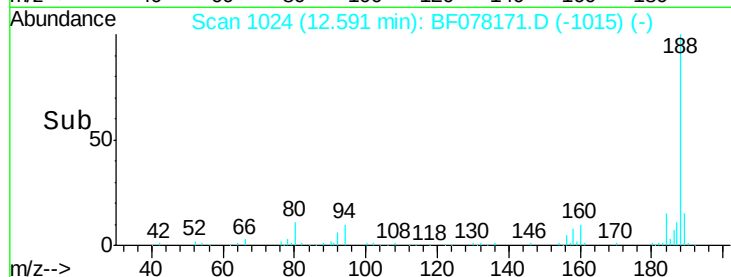
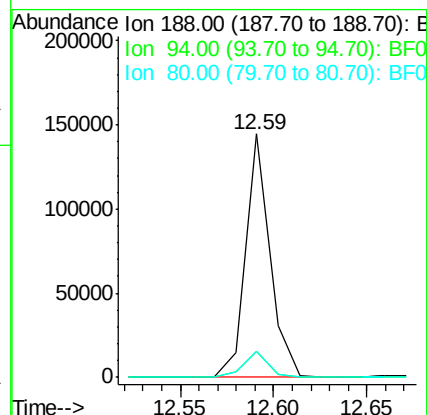
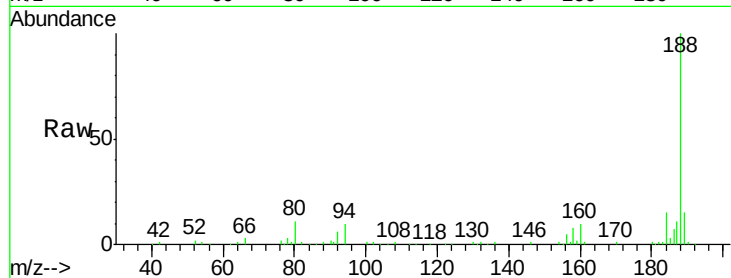




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF078171.D
 Acq: 2 Apr 2015 00:21

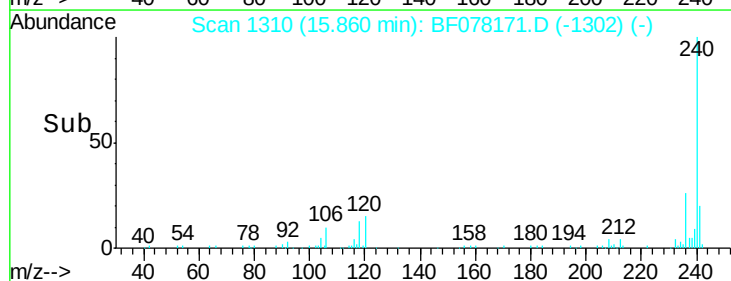
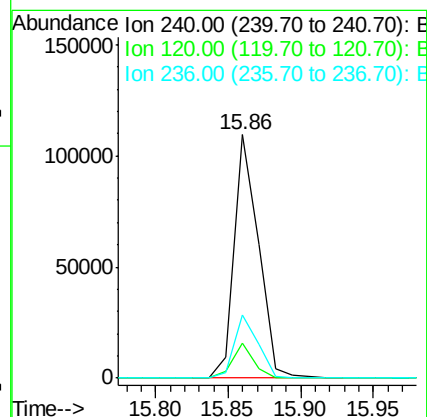
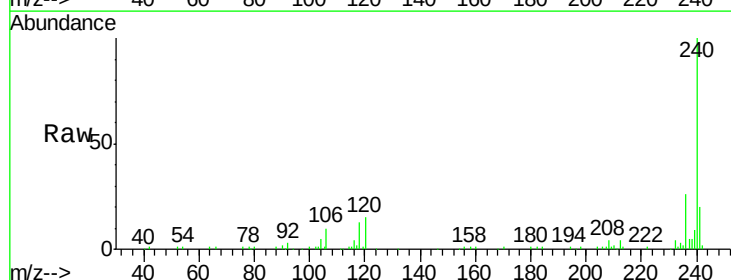
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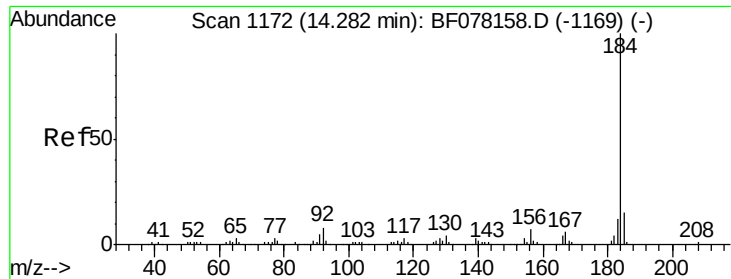
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	131169		
94	10.5		9.0	13.4
80	10.7		9.5	14.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF078171.D
 Acq: 2 Apr 2015 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	127665		
120	14.6		7.1	10.7#
236	25.8		21.4	32.2

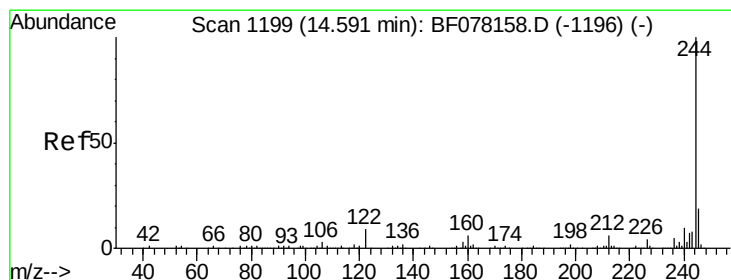
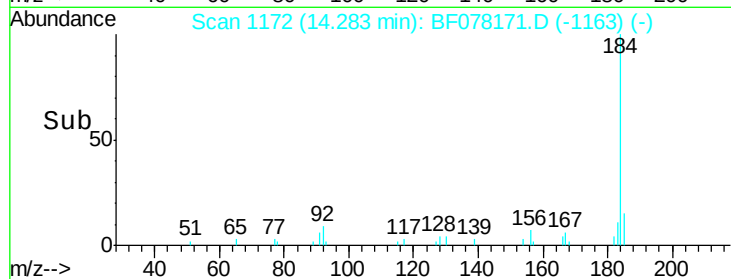
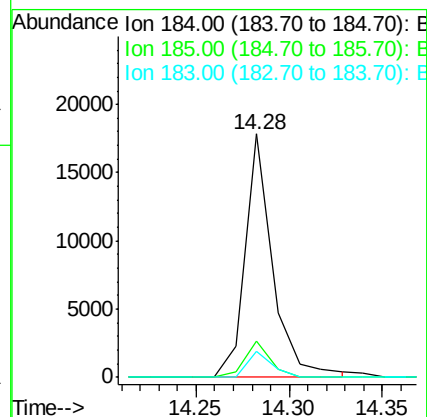
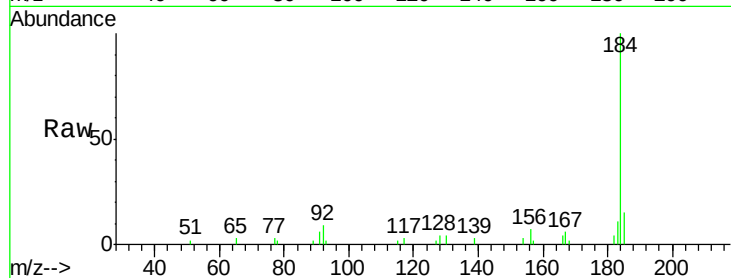




#76
Benzidine
Concen: 2.05 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF078171.D
Acq: 2 Apr 2015 00:21

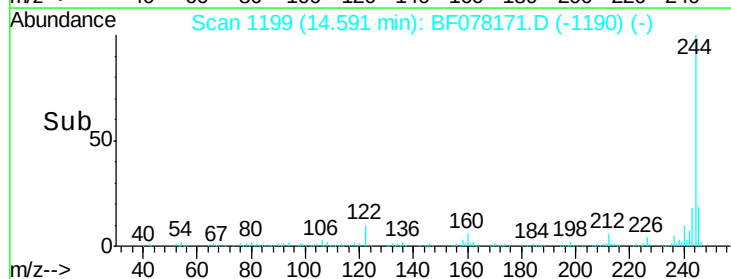
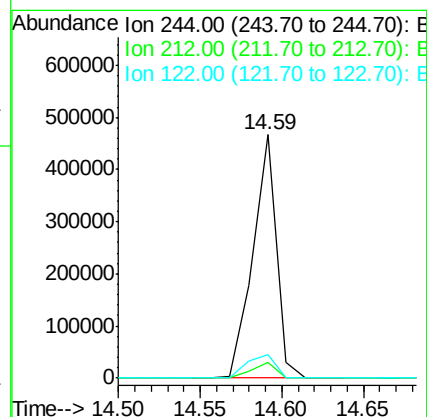
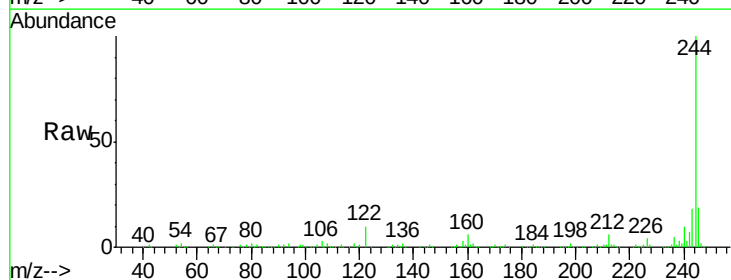
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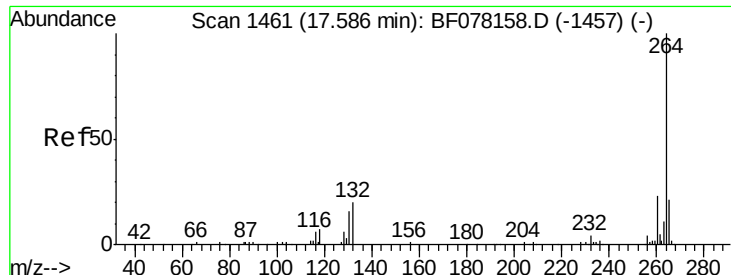
Tgt Ion:184 Resp: 18318
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 10.9 9.5 14.3



#78
Terphenyl-d14
Concen: 82.77 ng
RT: 14.59 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF078171.D
Acq: 2 Apr 2015 00:21

Tgt Ion:244 Resp: 467630
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 9.7 7.1 10.7

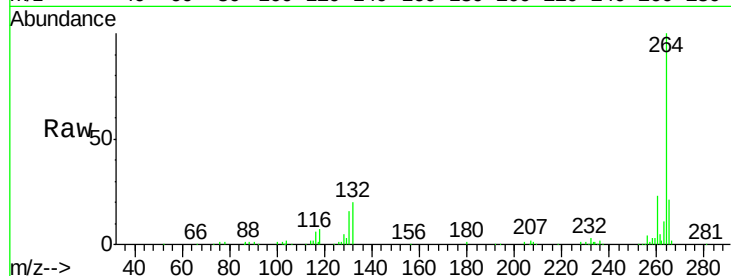




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.55 min Scan# 1458
Delta R.T. -0.03 min
Lab File: BF078171.D
Acq: 2 Apr 2015 00:21

Instrument :
BNA_F
ClientSampleId :
PB82482BL

Tgt Ion: 264 Resp: 119709
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.4 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

