

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
 Data File : BF079344.D
 Acq On : 19 May 2015 16:18
 Operator : TP/IZ
 Sample : G2265-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15

Quant Time: May 20 01:06:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:50:10 2015
 Response via : Initial Calibration

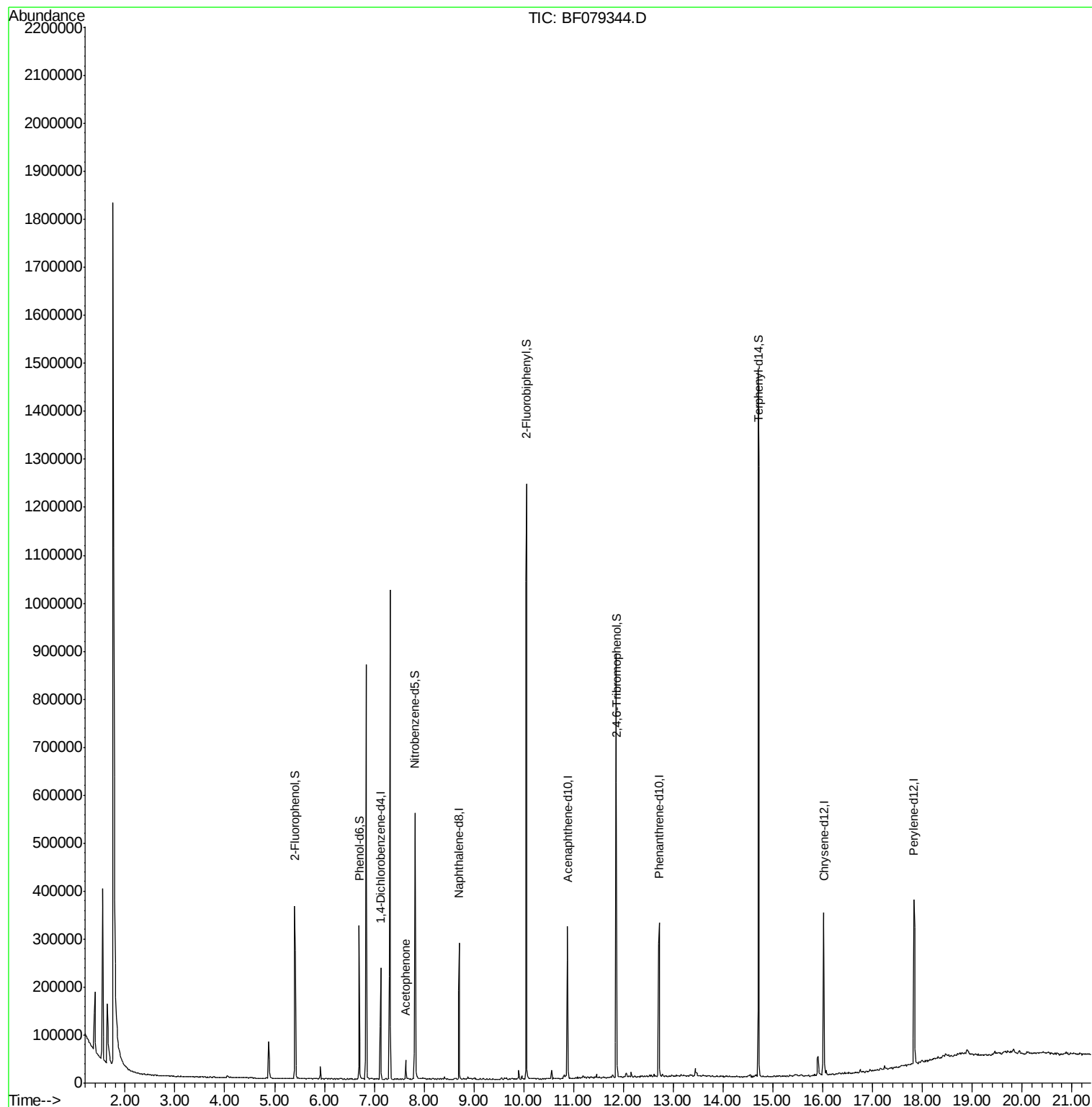
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	40993	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	166322	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	85833	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	169589	20.00	ng	0.00
75) Chrysene-d12	16.02	240	180627	20.00	ng	0.00
86) Perylene-d12	17.83	264	187788	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	137677	57.81	ng	-0.01
7) Phenol-d6	6.70	99	111172	35.32	ng	-0.01
23) Nitrobenzene-d5	7.82	82	254528	87.95	ng	-0.01
41) 2,4,6-Tribromophenol	11.86	330	150609	162.20	ng	0.00
44) 2-Fluorobiphenyl	10.06	172	556213	90.28	ng	0.00
78) Terphenyl-d14	14.72	244	702641	93.13	ng	0.00
Target Compounds						
22) Acetophenone	7.63	105	13933	3.71	ng	Qvalue # 94

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

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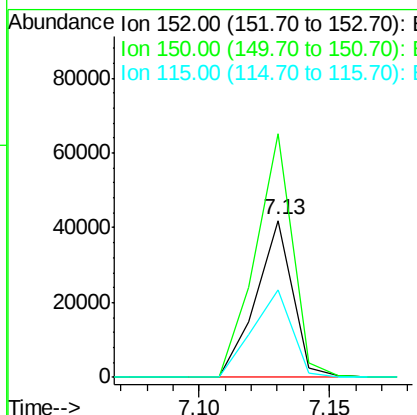
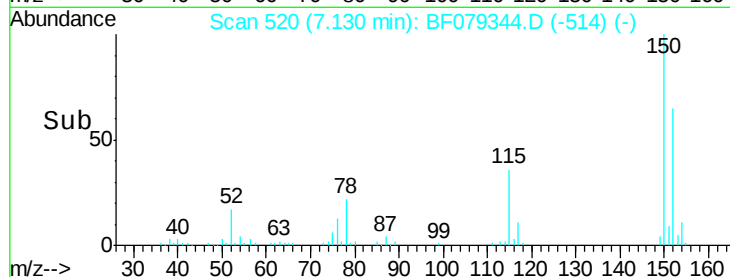
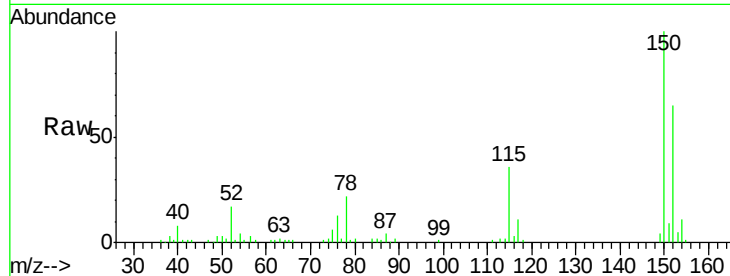




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079344.D
 Acq: 19 May 2015 16:18

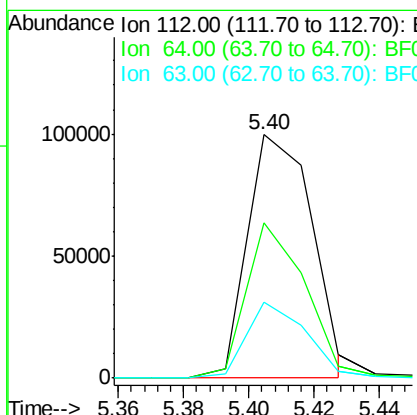
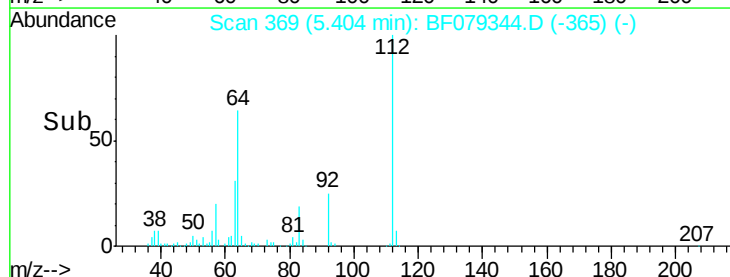
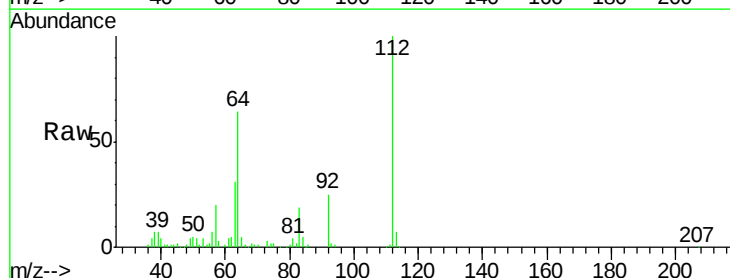
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.8
115	55.5	49.4	74.0



#5
 2-Fluorophenol
 Concen: 57.81 ng
 RT: 5.40 min Scan# 369
 Delta R.T. -0.01 min
 Lab File: BF079344.D
 Acq: 19 May 2015 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	44.2	66.2
63	31.3	22.7	34.1





#7

Phenol-d6

Concen: 35.32 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079344.D

Acq: 19 May 2015 16:18

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15

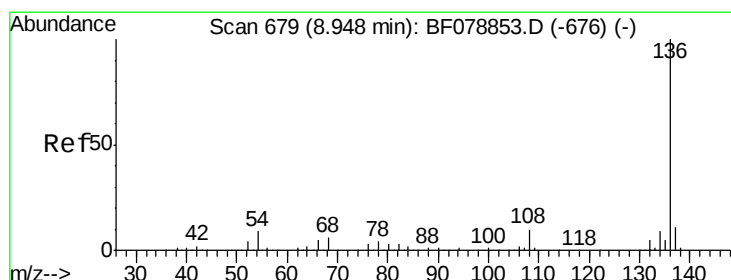
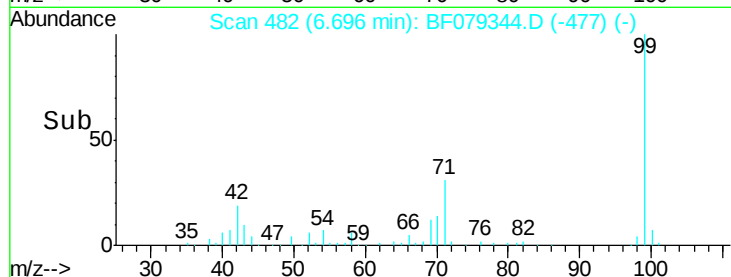
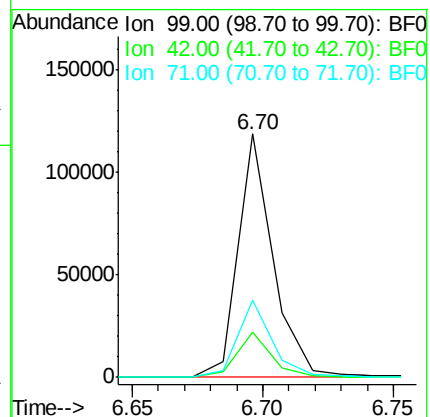
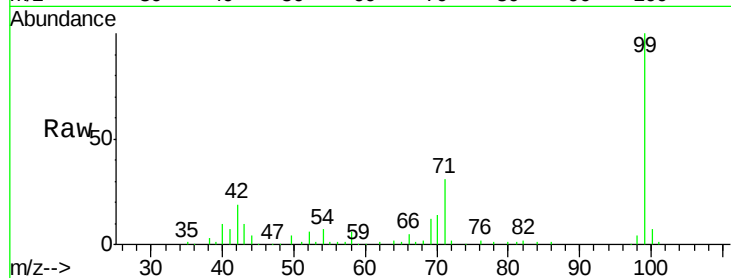
Tgt Ion: 99 Resp: 111172

Ion Ratio Lower Upper

99 100

42 18.6 17.1 25.7

71 31.5 26.3 39.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079344.D

Acq: 19 May 2015 16:18

Tgt Ion: 136 Resp: 166322

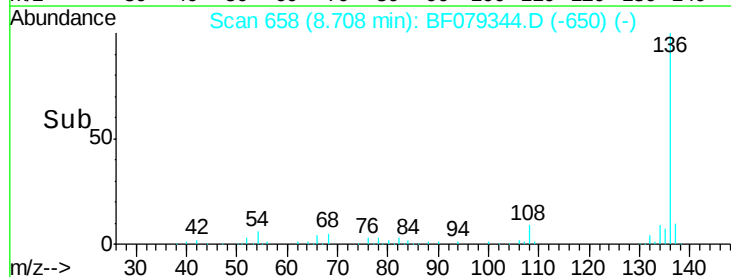
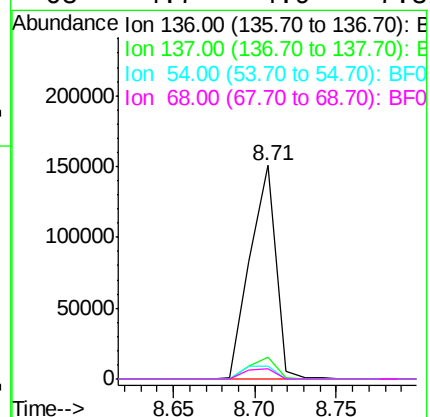
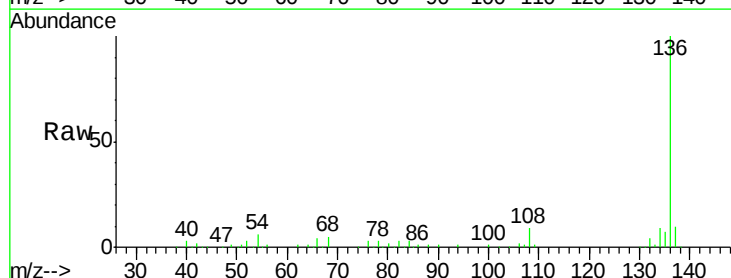
Ion Ratio Lower Upper

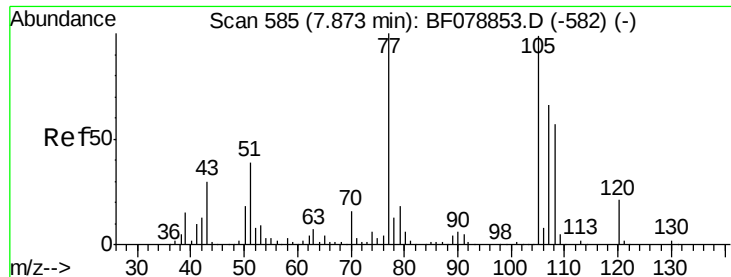
136 100

137 10.4 8.8 13.2

54 5.8 6.9 10.3#

68 4.7 4.9 7.3#

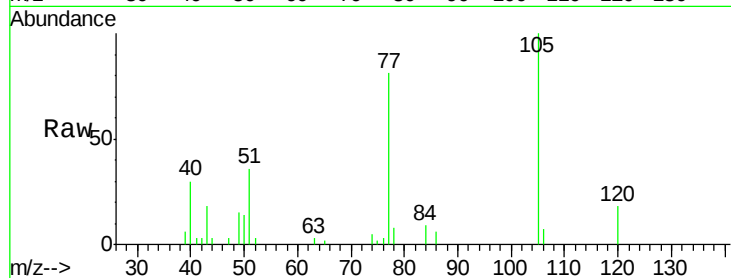




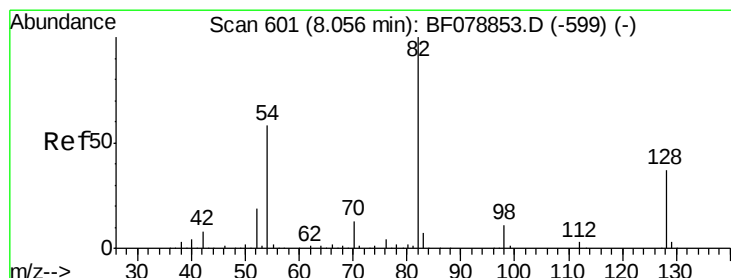
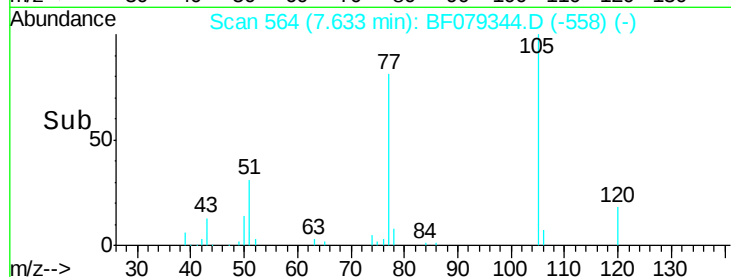
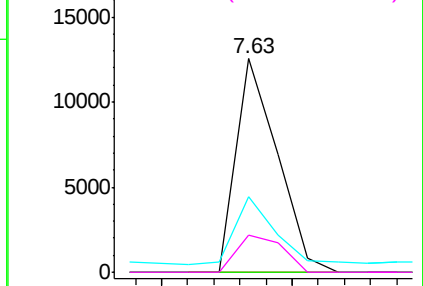
#22
Acetophenone
Concen: 3.71 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF079344.D
Acq: 19 May 2015 16:18

Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15

Tgt Ion: 105 Resp: 13933
Ion Ratio Lower Upper
105 100
71 0.0 2.2 3.4#
51 35.6 31.1 46.7
120 17.7 16.7 25.1

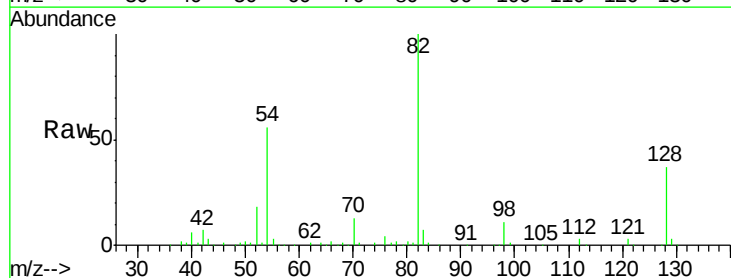


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

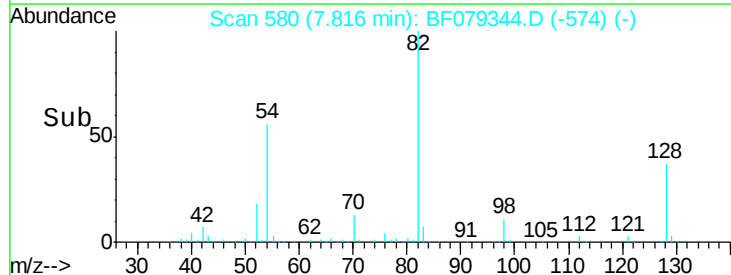
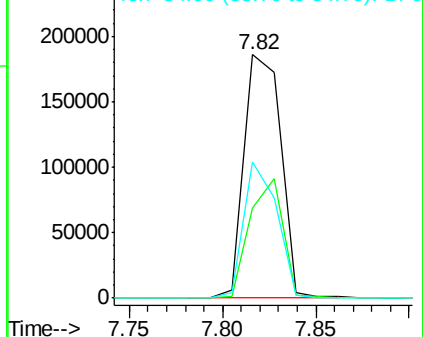


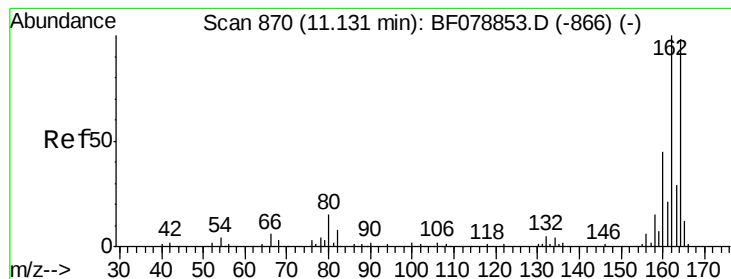
#23
Nitrobenzene-d5
Concen: 87.95 ng
RT: 7.82 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF079344.D
Acq: 19 May 2015 16:18

Tgt Ion: 82 Resp: 254528
Ion Ratio Lower Upper
82 100
128 36.7 29.7 44.5
54 55.9 46.2 69.4



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF079344.D

Acq: 19 May 2015 16:18

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15

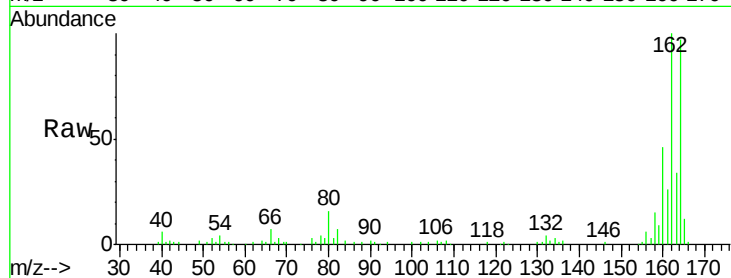
Tgt Ion:164 Resp: 85833

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

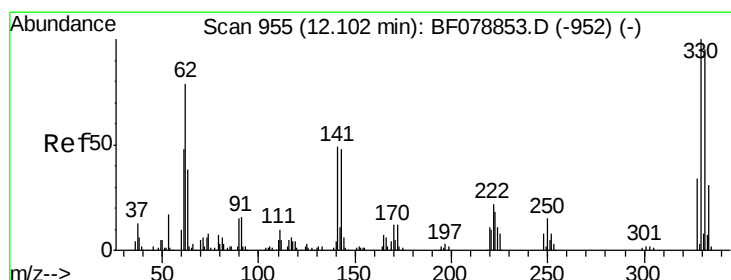
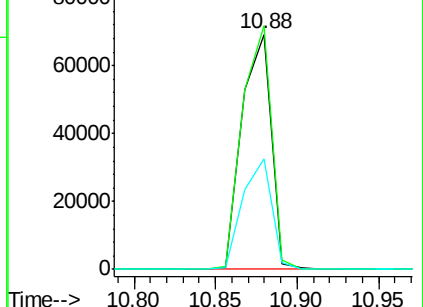
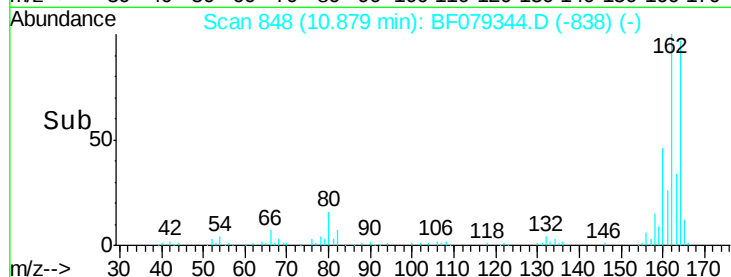
160 47.2 36.6 54.8



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: 162.20 ng

RT: 11.86 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF079344.D

Acq: 19 May 2015 16:18

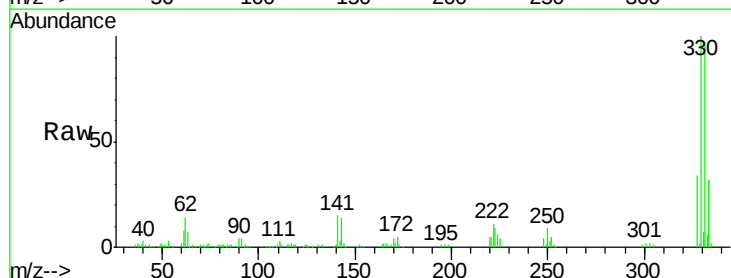
Tgt Ion:330 Resp: 150609

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

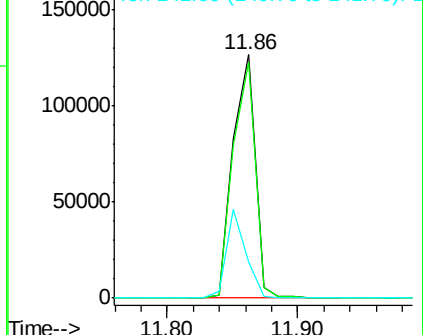
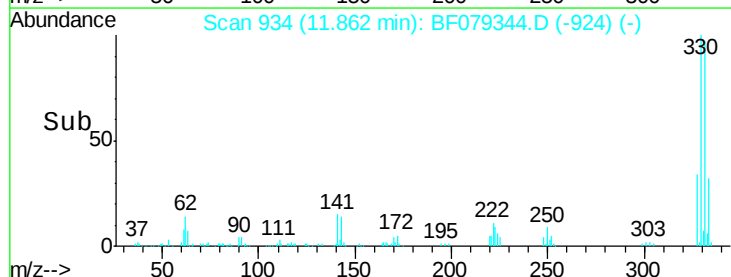
141 32.1 27.8 41.8



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

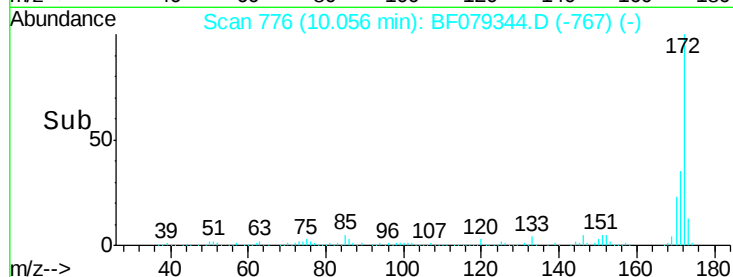
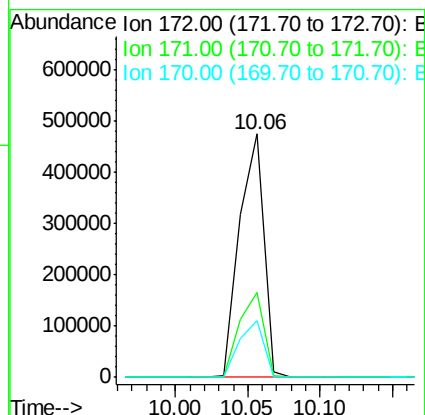
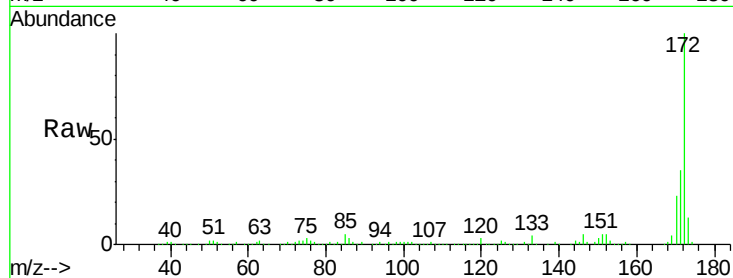




#44
 2-Fluorobiphenyl
 Concen: 90.28 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079344.D
 Acq: 19 May 2015 16:18

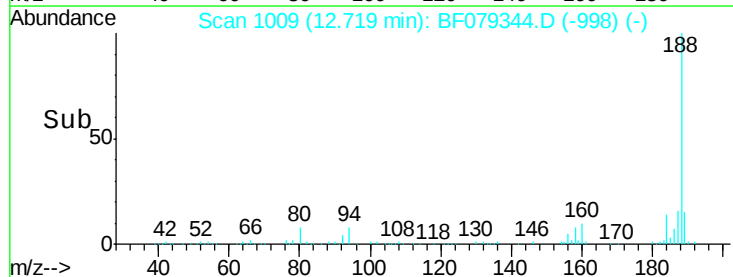
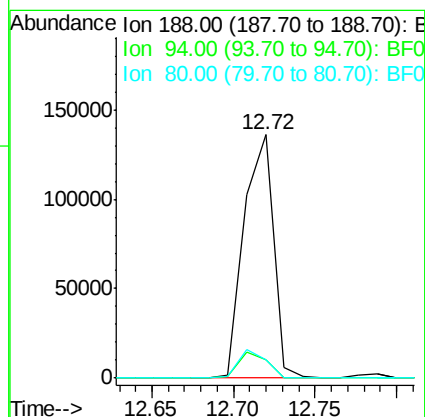
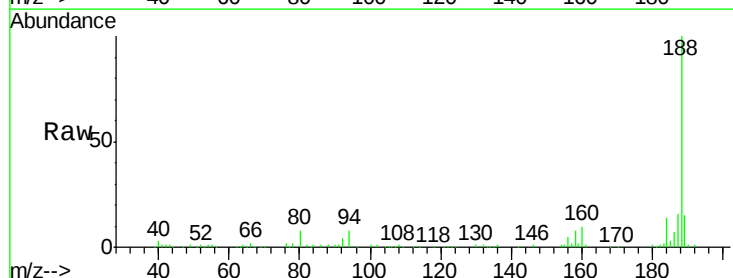
Instrument :
 BNA_F
 ClientSampleId :
 HW-7-5-14-15

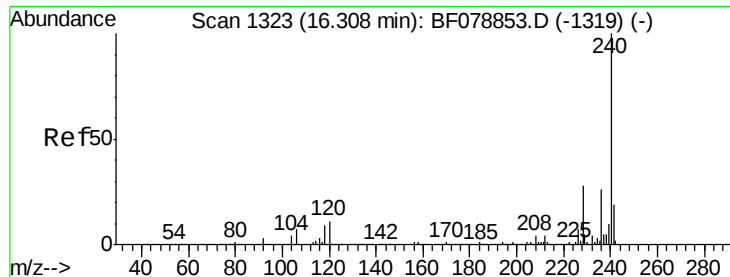
Tgt Ion:172 Resp: 556213
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.3 42.5
 170 23.5 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF079344.D
 Acq: 19 May 2015 16:18

Tgt Ion:188 Resp: 169589
 Ion Ratio Lower Upper
 188 100
 94 7.6 9.4 14.0#
 80 7.5 9.8 14.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.02 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF079344.D

Acq: 19 May 2015 16:18

Instrument :

BNA_F

ClientSampleId :

HW-7-5-14-15

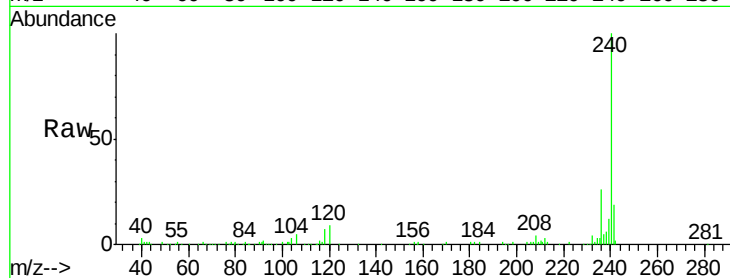
Tgt Ion:240 Resp: 180627

Ion Ratio Lower Upper

240 100

120 8.8 8.6 12.8

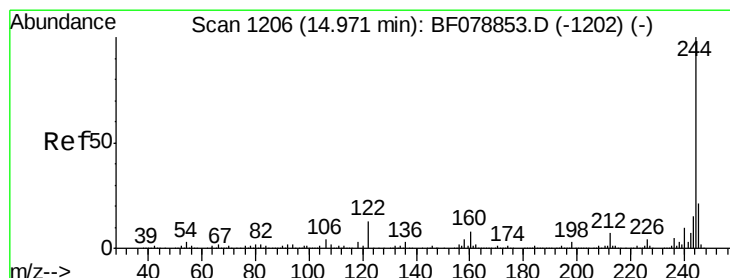
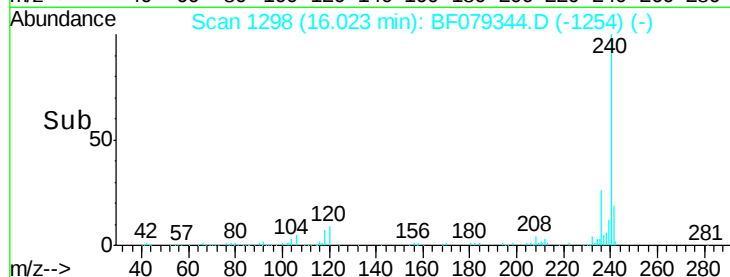
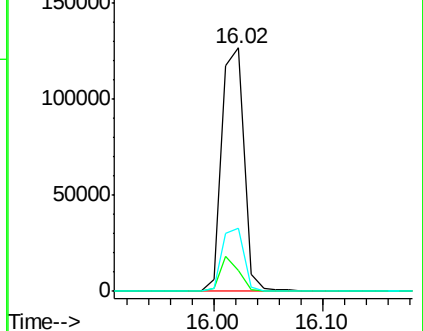
236 26.0 21.0 31.6



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: 93.13 ng

RT: 14.72 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF079344.D

Acq: 19 May 2015 16:18

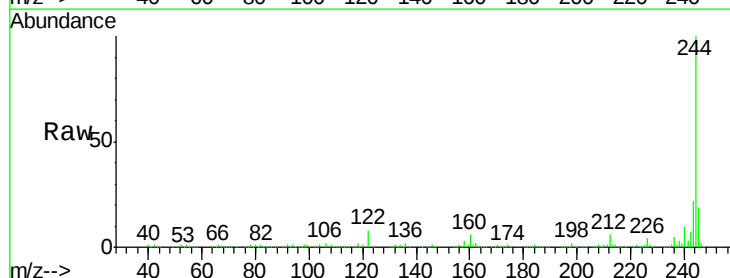
Tgt Ion:244 Resp: 702641

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

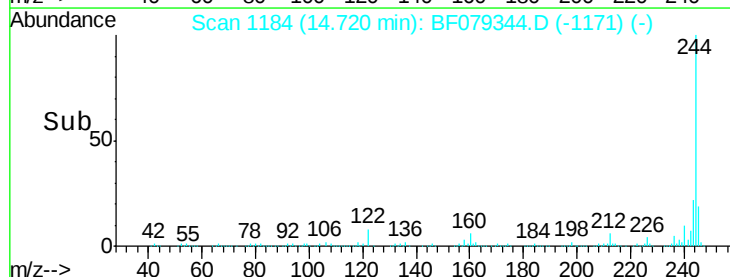
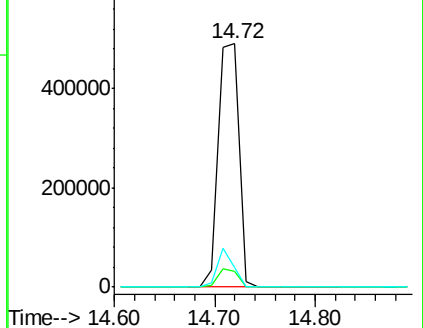
122 7.8 10.5 15.7#



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





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF079344.D
Acq: 19 May 2015 16:18

Instrument :
BNA_F
ClientSampleId :
HW-7-5-14-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	20.9	17.2	25.8

