

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079284.D
 Acq On : 15 May 2015 22:03
 Operator : TP/IZ
 Sample : G2234-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW7

Quant Time: May 15 23:21:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	55989	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	228556	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	114323	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	213875	20.00	ng	0.00
75) Chrysene-d12	16.08	240	201401	20.00	ng	-0.01
86) Perylene-d12	17.91	264	194896	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	164806	50.67	ng	0.00
7) Phenol-d6	6.74	99	141980	33.02	ng	-0.01
23) Nitrobenzene-d5	7.87	82	307786	77.40	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	164081	132.67	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	655367	79.87	ng	0.00
78) Terphenyl-d14	14.77	244	696394	82.78	ng	0.00

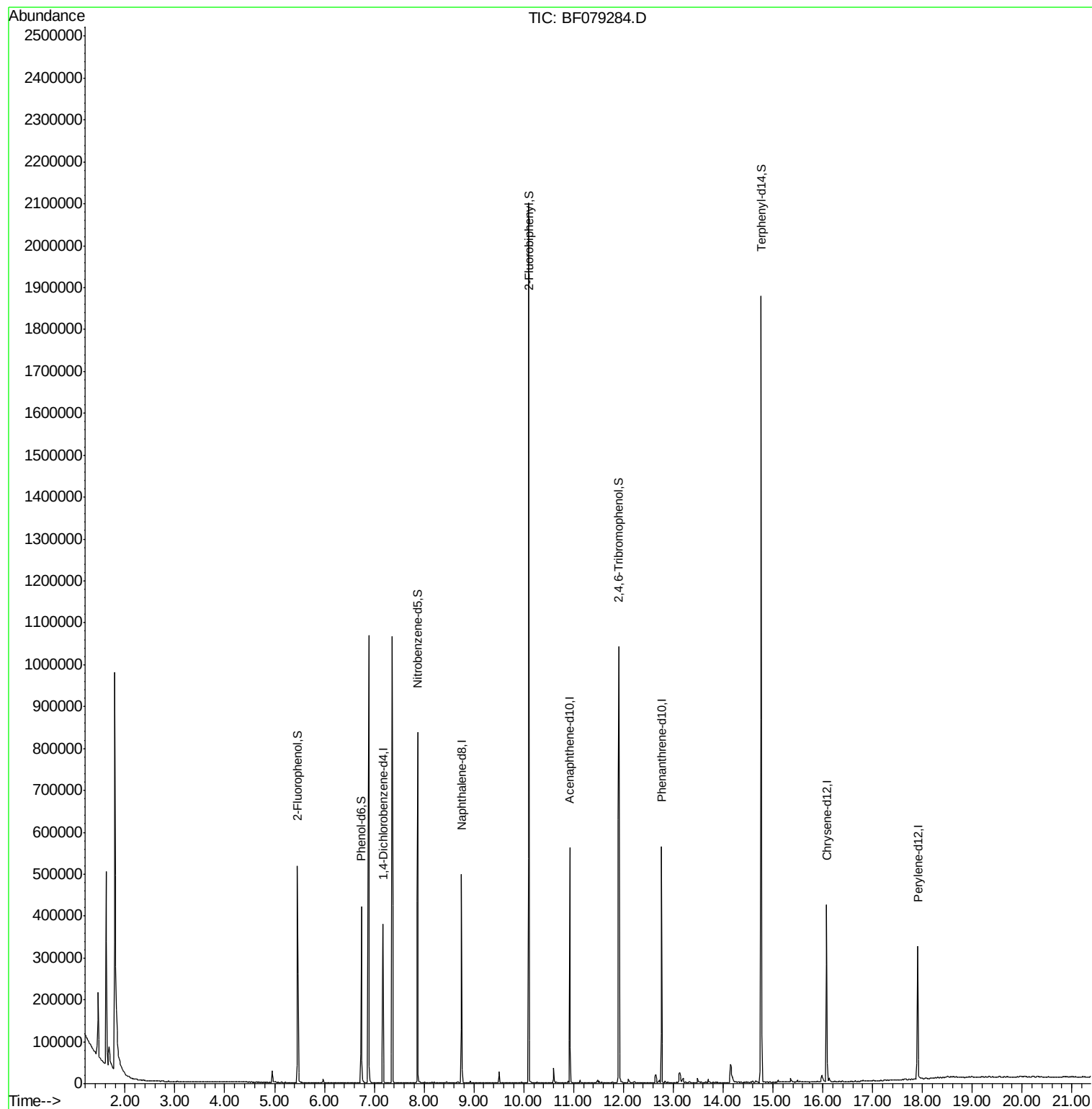
Target Compounds	Qvalue
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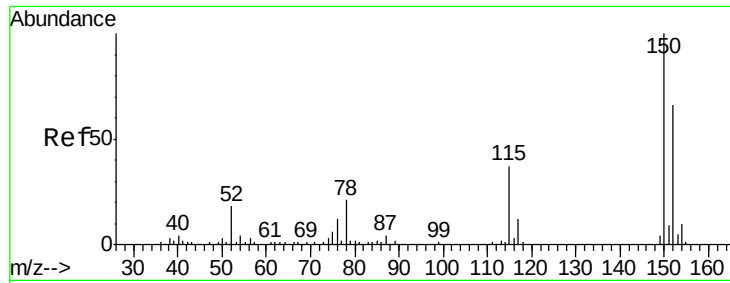
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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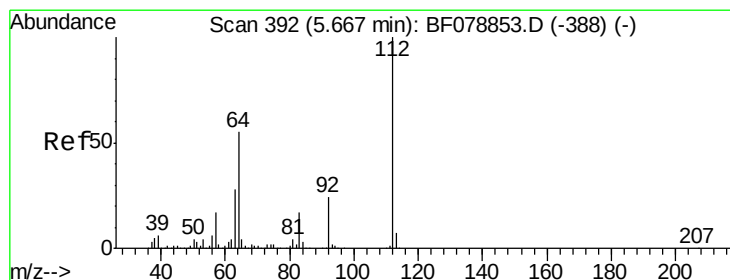
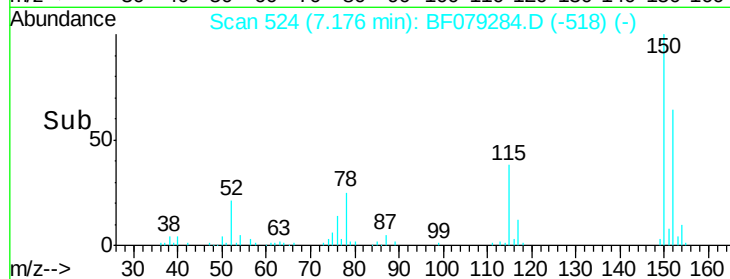
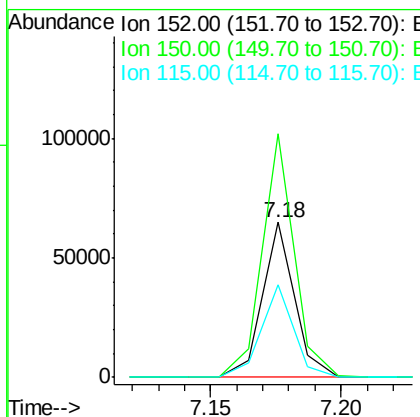
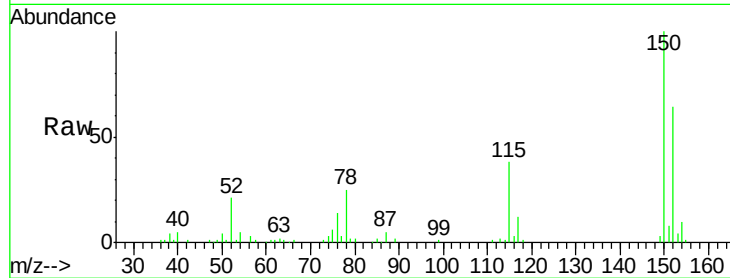


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.18 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF079284.D
Acq: 15 May 2015 22:03

Instrument :
BNA_F
ClientSampled :
MW7

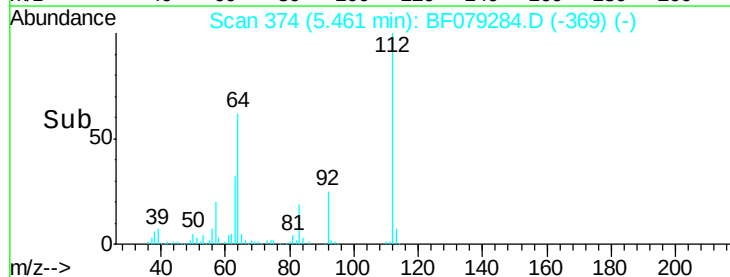
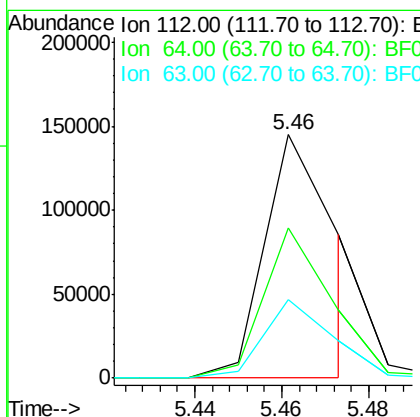
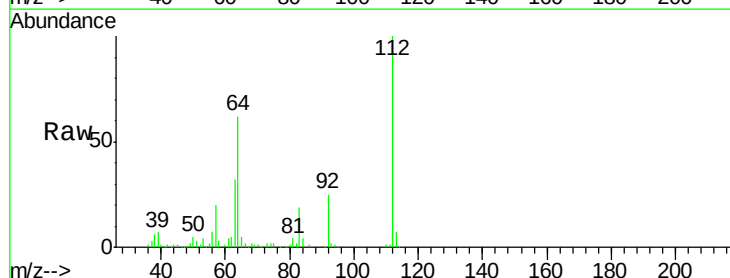
Tgt Ion:152 Resp: 55989
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.8
115 59.7 49.4 74.0

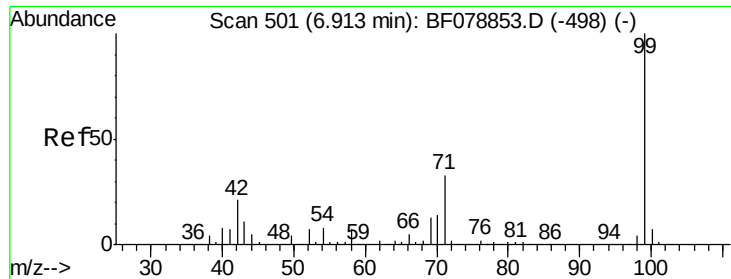


#5

2-Fluorophenol
Concen: 50.67 ng
RT: 5.46 min Scan# 374
Delta R.T. 0.00 min
Lab File: BF079284.D
Acq: 15 May 2015 22:03

Tgt Ion:112 Resp: 164806
Ion Ratio Lower Upper
112 100
64 61.5 44.2 66.2
63 32.1 22.7 34.1





#7

Phenol-d6

Concen: 33.02 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079284.D

Acq: 15 May 2015 22:03

Instrument :

BNA_F

ClientSampleId :

MW7

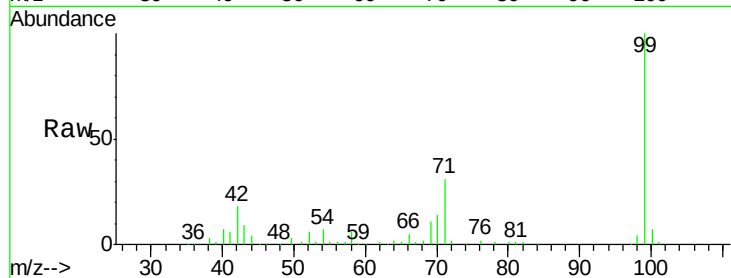
Tgt Ion: 99 Resp: 141980

Ion Ratio Lower Upper

99 100

42 17.5 17.1 25.7

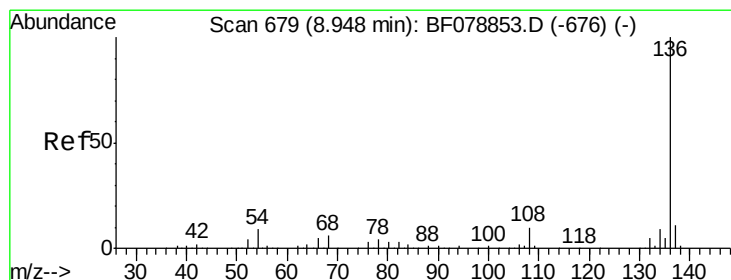
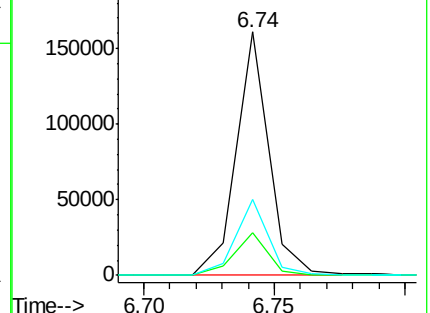
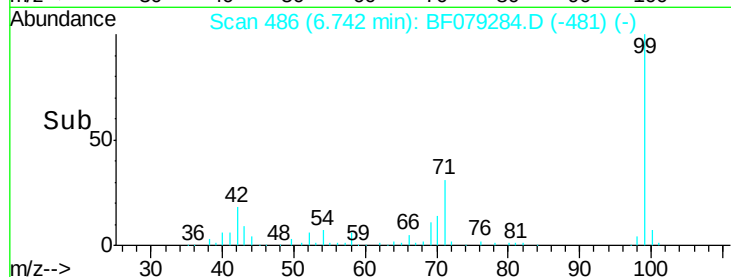
71 31.2 26.3 39.5



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: 8.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF079284.D

Acq: 15 May 2015 22:03

Tgt Ion: 136 Resp: 228556

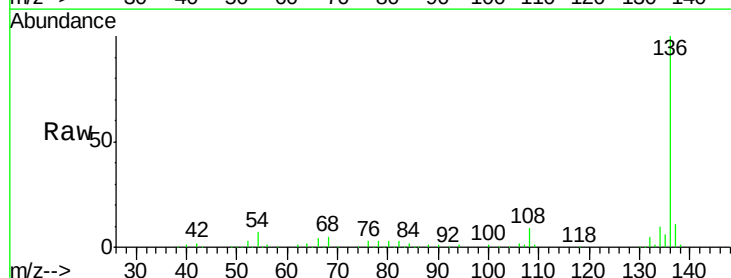
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.7 6.9 10.3#

68 5.0 4.9 7.3

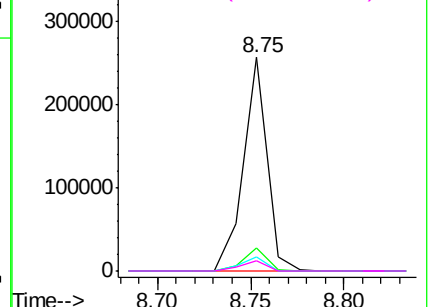
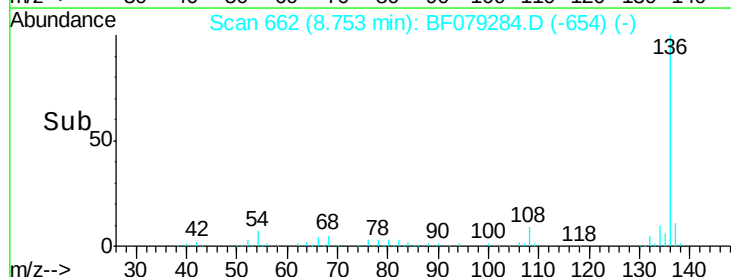


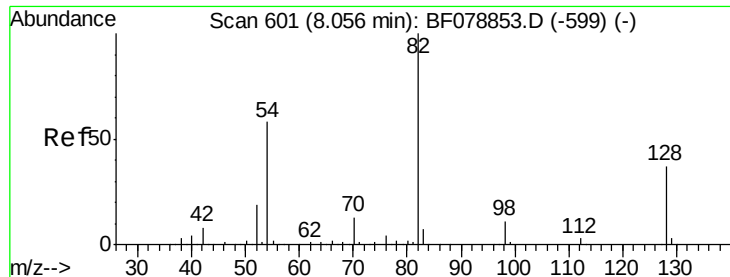
Abundance Ion 136.00 (135.70 to 136.70): E

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

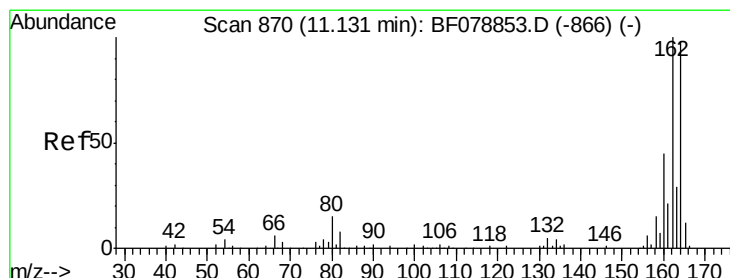
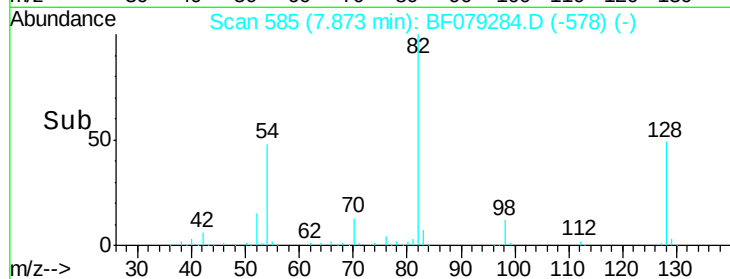
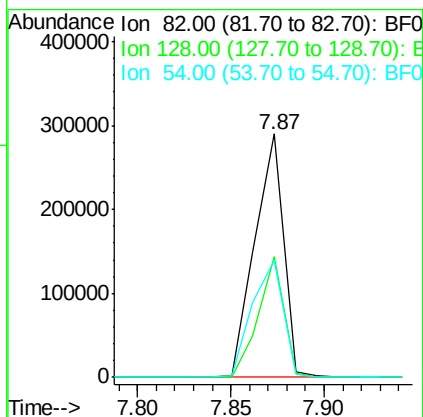
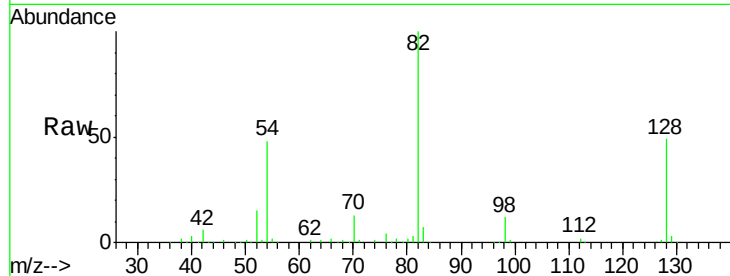




#23
 Nitrobenzene-d5
 Concen: 77.40 ng
 RT: 7.87 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF079284.D
 Acq: 15 May 2015 22:03

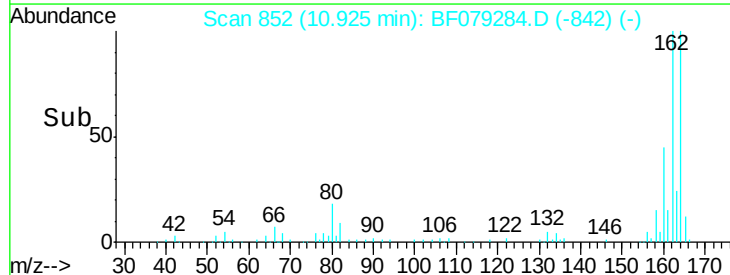
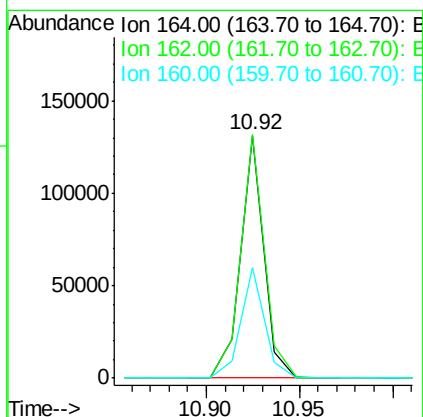
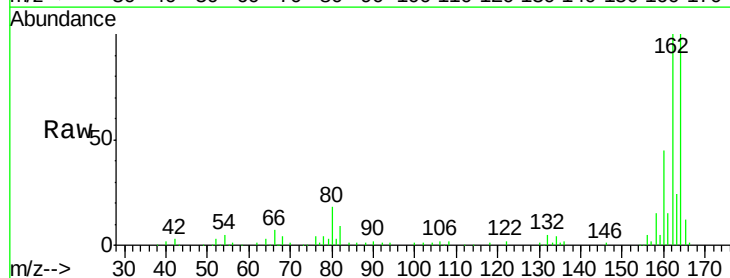
Instrument :
 BNA_F
 ClientSampleId :
 MW7

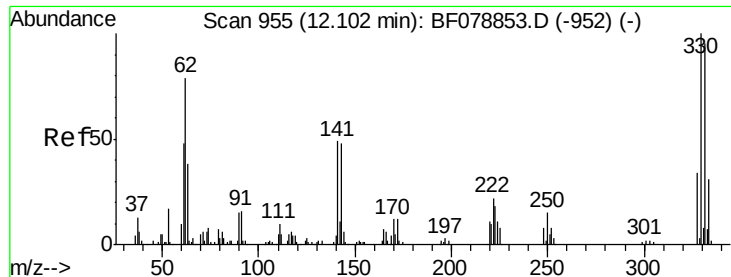
Tgt Ion: 82 Resp: 307786
 Ion Ratio Lower Upper
 82 100
 128 49.5 29.7 44.5#
 54 47.8 46.2 69.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF079284.D
 Acq: 15 May 2015 22:03

Tgt Ion: 164 Resp: 114323
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.4 122.0
 160 45.3 36.6 54.8

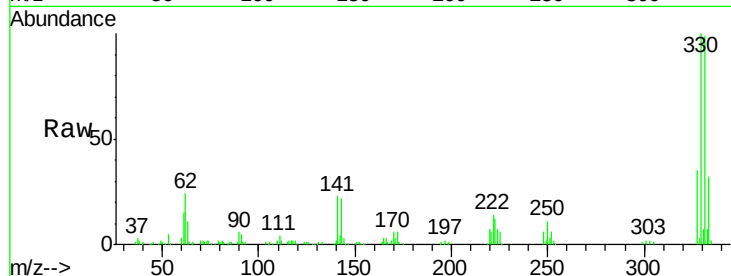




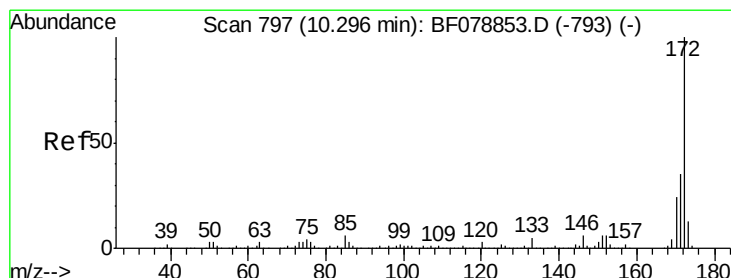
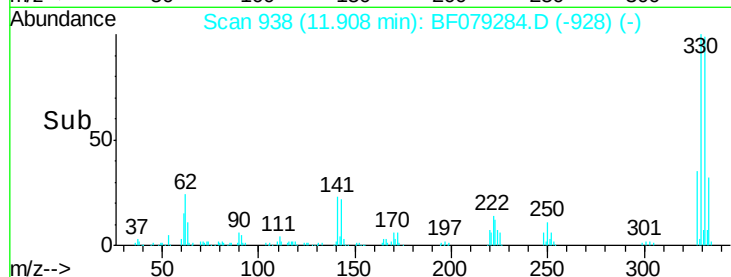
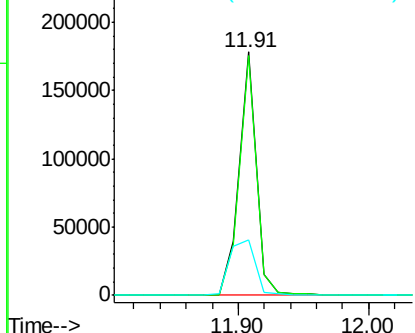
#41
 2,4,6-Tribromophenol
 Concen: 132.67 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079284.D
 Acq: 15 May 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 MW7

Tgt Ion:330 Resp: 164081
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.9 115.3
 141 33.6 27.8 41.8

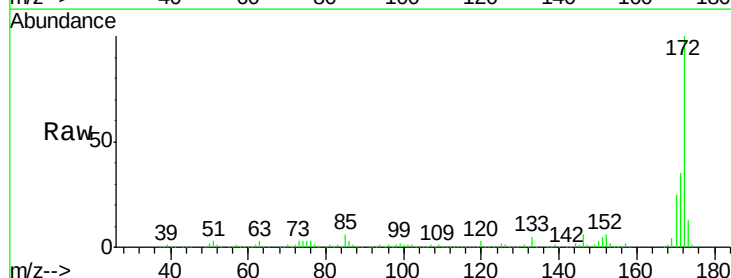


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

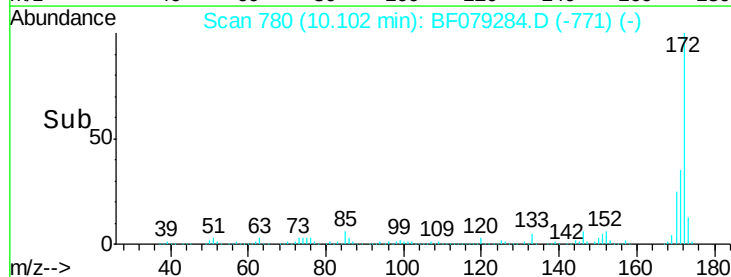
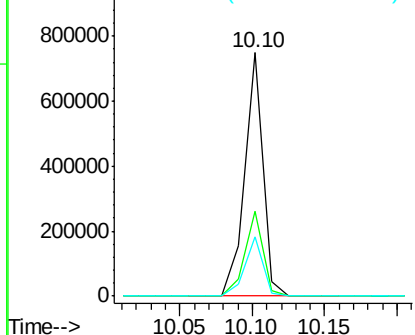


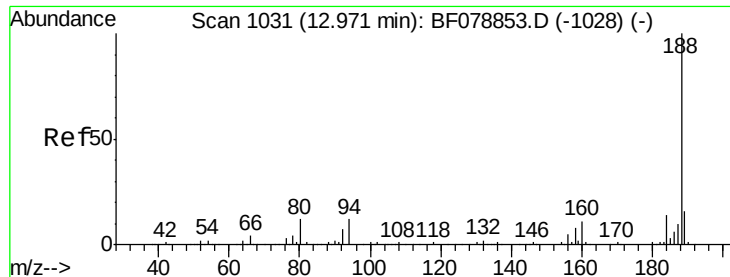
#44
 2-Fluorobiphenyl
 Concen: 79.87 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079284.D
 Acq: 15 May 2015 22:03

Tgt Ion:172 Resp: 655367
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.3 42.5
 170 24.5 19.4 29.2



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

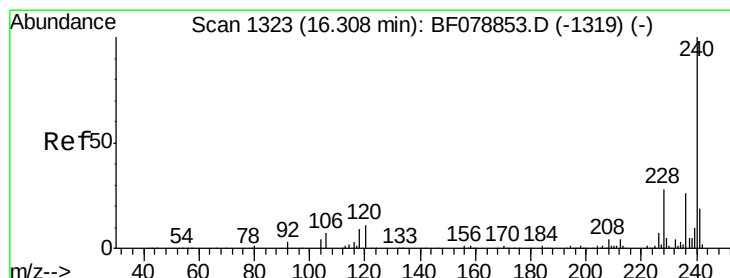
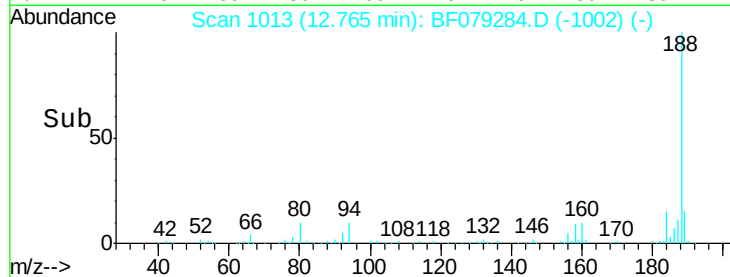
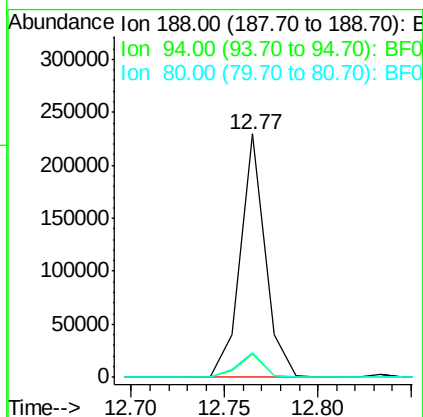
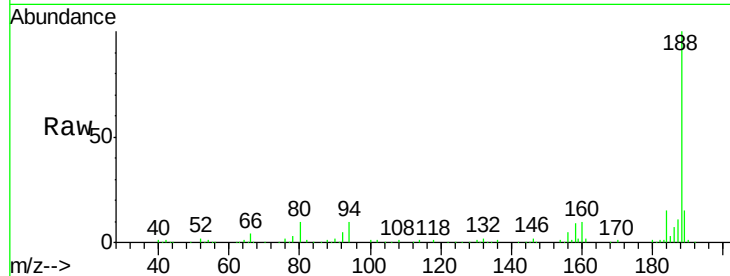




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079284.D
Acq: 15 May 2015 22:03

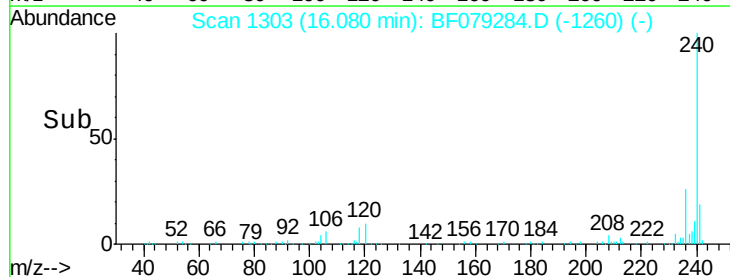
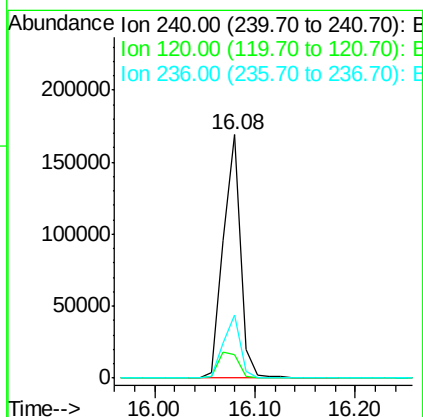
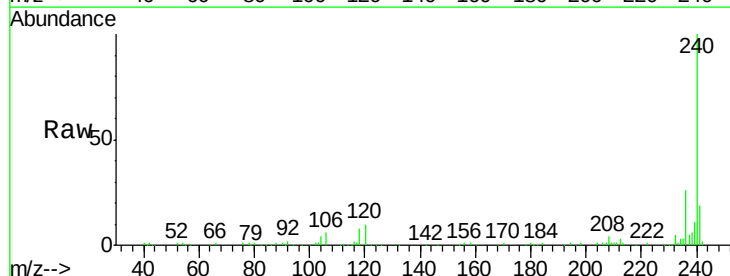
Instrument :
BNA_F
ClientSampleId :
MW7

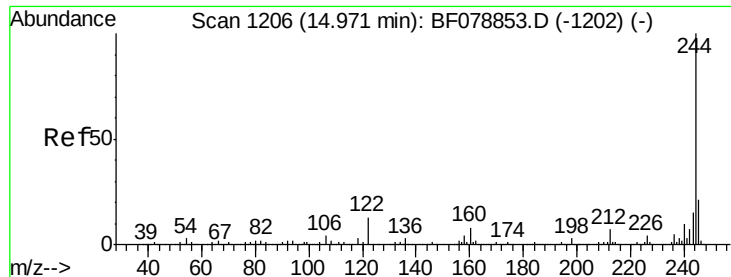
Tgt Ion:188 Resp: 213875
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.0
80 10.3 9.8 14.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF079284.D
Acq: 15 May 2015 22:03

Tgt Ion:240 Resp: 201401
Ion Ratio Lower Upper
240 100
120 9.5 8.6 12.8
236 25.9 21.0 31.6

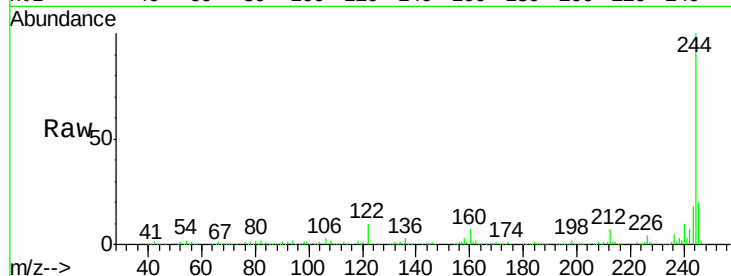




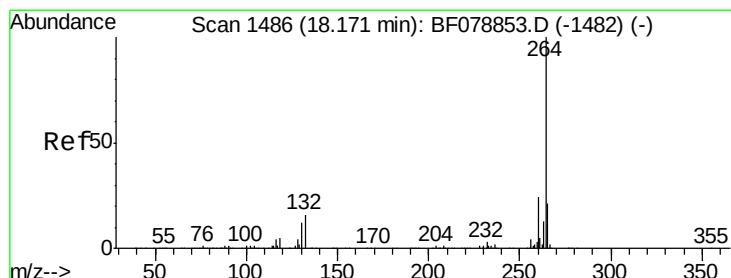
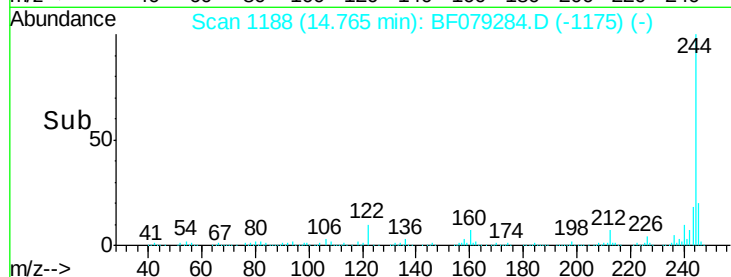
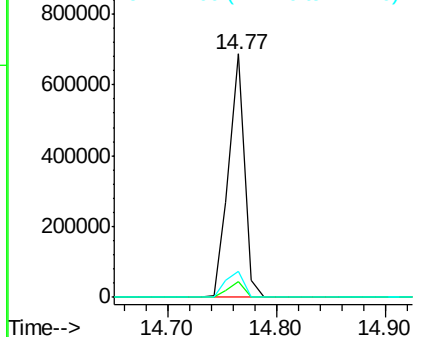
#78
 Terphenyl-d14
 Concen: 82.78 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF079284.D
 Acq: 15 May 2015 22:03

Instrument :
 BNA_F
 ClientSampleId :
 MW7

Tgt Ion:244 Resp: 696394
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.5 10.5 15.7

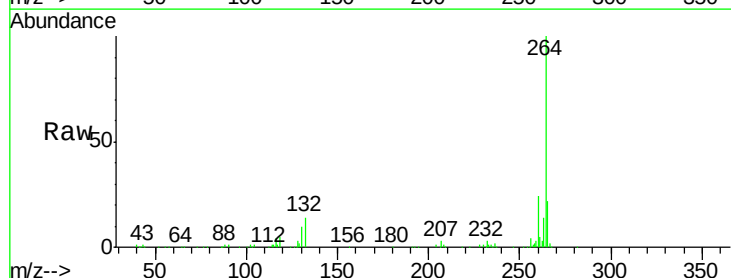


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.91 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF079284.D
 Acq: 15 May 2015 22:03

Tgt Ion:264 Resp: 194896
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.8 17.2 25.8



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

