

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079353.D
 Acq On : 19 May 2015 20:35
 Operator : TP/IZ
 Sample : G2271-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13-D1

Quant Time: May 20 05:53:31 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 05:08:22 2015
 Response via : Initial Calibration

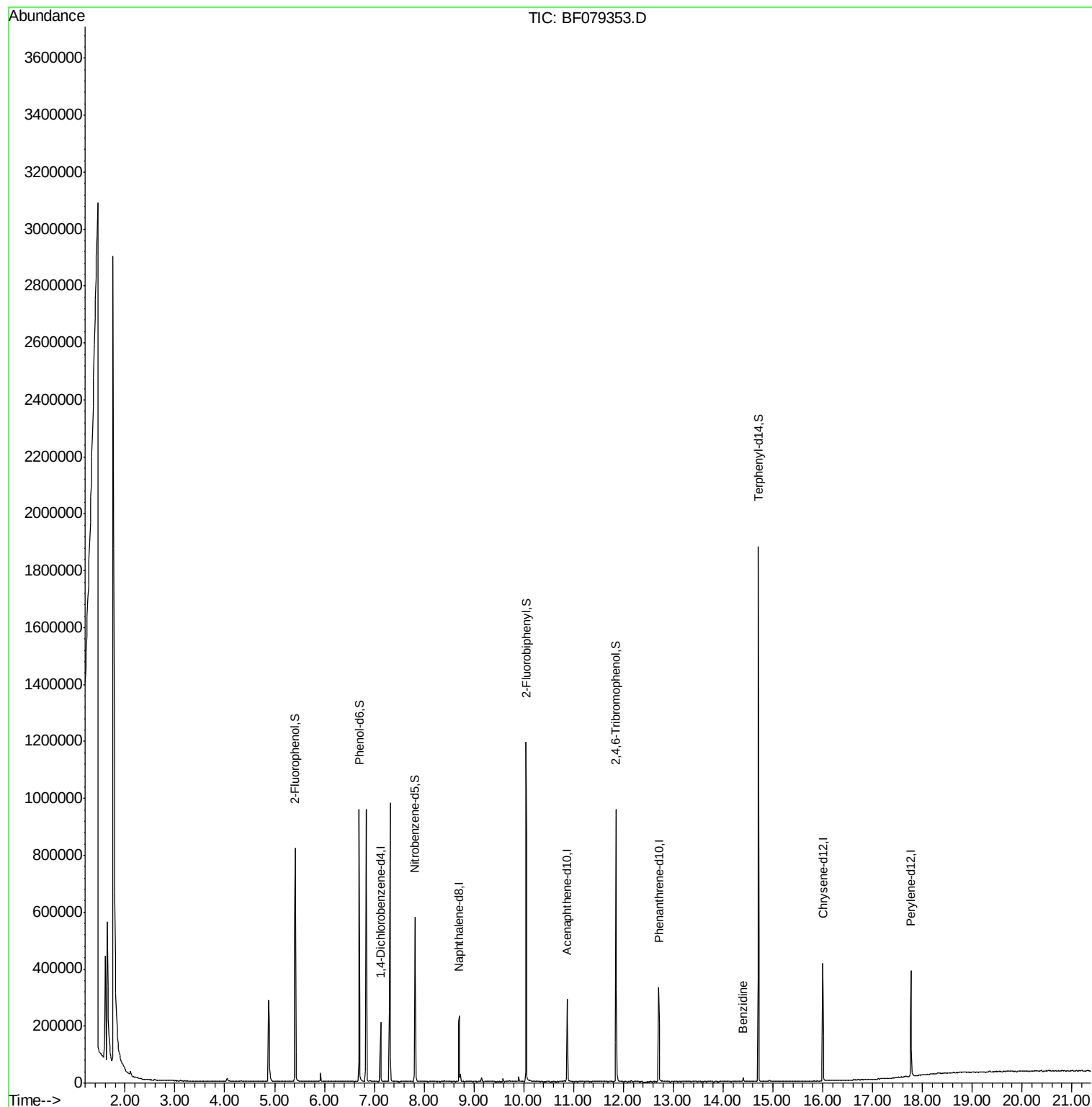
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	38244	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	156956	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	76506	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	157164	20.00	ng	-0.01
75) Chrysene-d12	16.00	240	168476	20.00	ng	-0.02
86) Perylene-d12	17.77	264	179872	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	302090m	135.97	ng	0.00
7) Phenol-d6	6.70	99	335106	114.11	ng	-0.01
23) Nitrobenzene-d5	7.82	82	241442	88.41	ng	-0.01
41) 2,4,6-Tribromophenol	11.85	330	132105	159.61	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	503495	91.69	ng	-0.01
78) Terphenyl-d14	14.71	244	667064	94.79	ng	-0.01
Target Compounds						
76) Benzidine	14.40	184	10692	2.35	ng	Qvalue 99

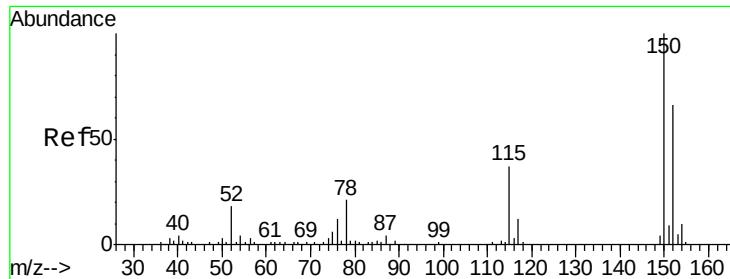
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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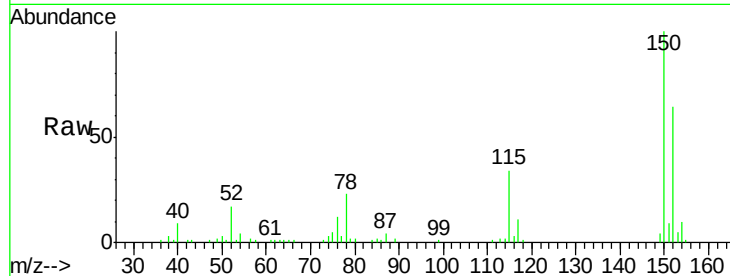




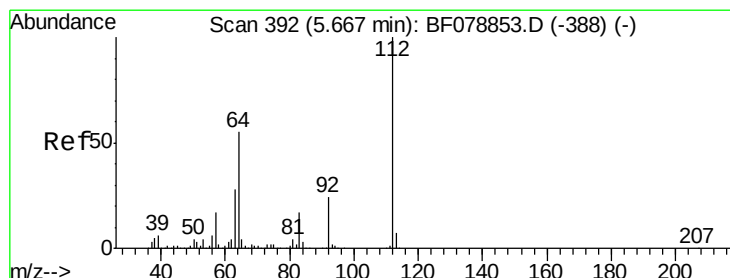
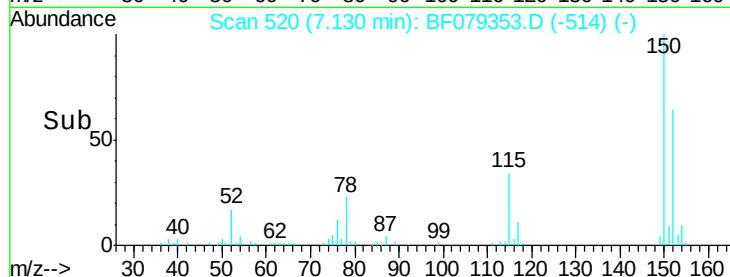
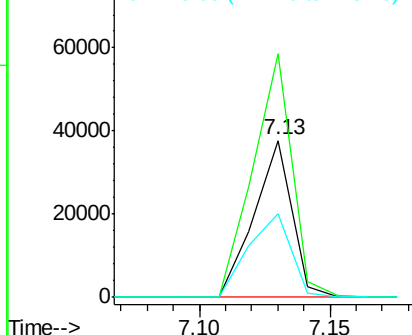
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079353.D
 Acq: 19 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 WC-13-D1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.8
115	53.5	49.4	74.0

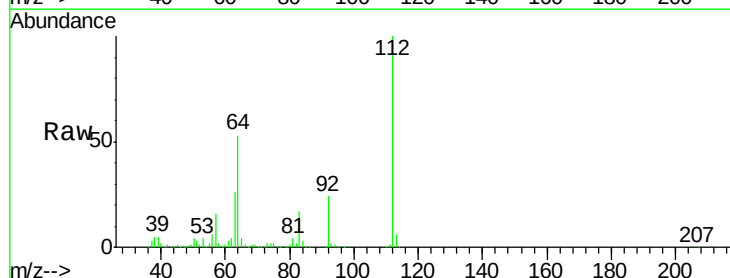


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

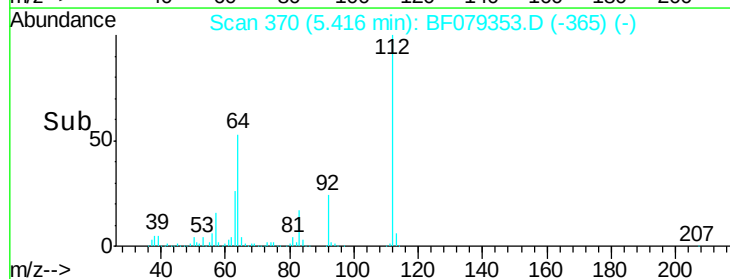
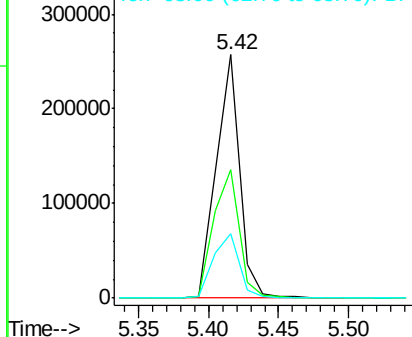


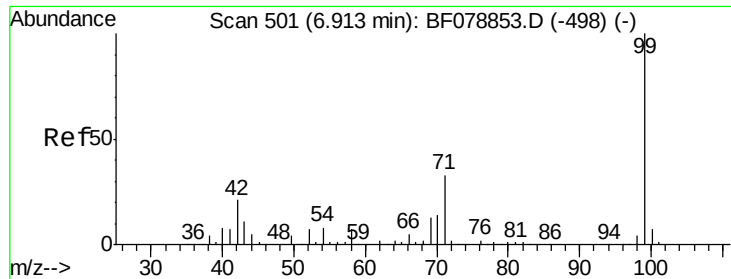
#5
 2-Fluorophenol
 Concen: 135.97 ng m
 RT: 5.42 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: BF079353.D
 Acq: 19 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	44.2	66.2
63	26.2	22.7	34.1



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: 114.11 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079353.D

Acq: 19 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

WC-13-D1

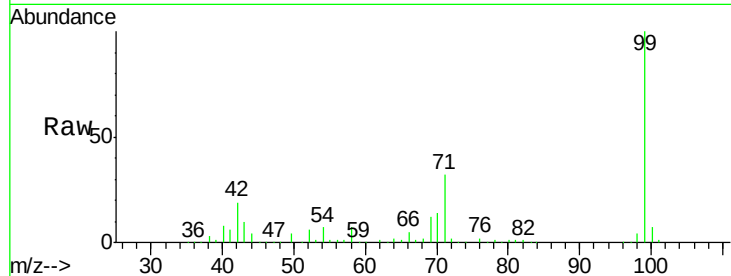
Tot Ion: 99 Resp: 335106

Ion Ratio Lower Upper

99 100

42 18.8 17.1 25.7

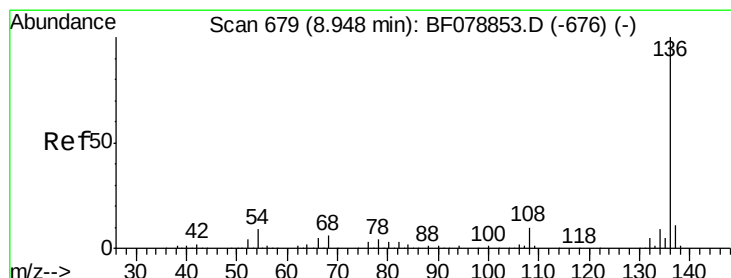
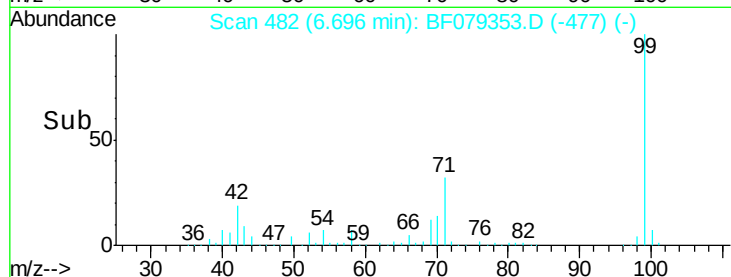
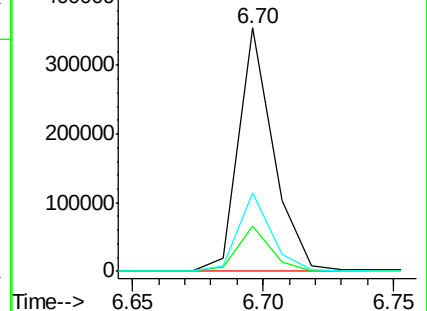
71 32.0 26.3 39.5



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: 8.71 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF079353.D

Acq: 19 May 2015 20:35

Tgt Ion: 136 Resp: 156956

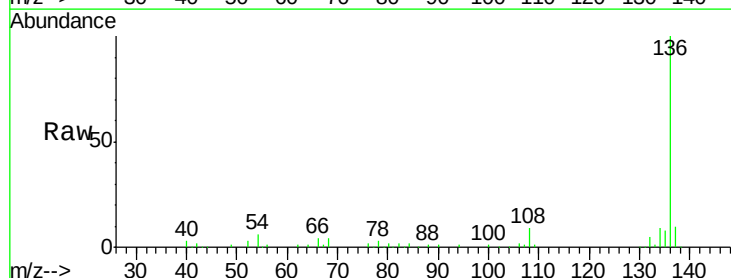
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 5.5 6.9 10.3#

68 4.0 4.9 7.3#

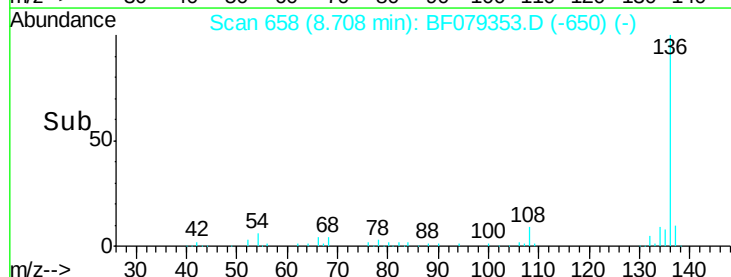
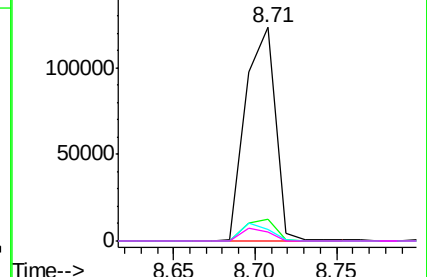


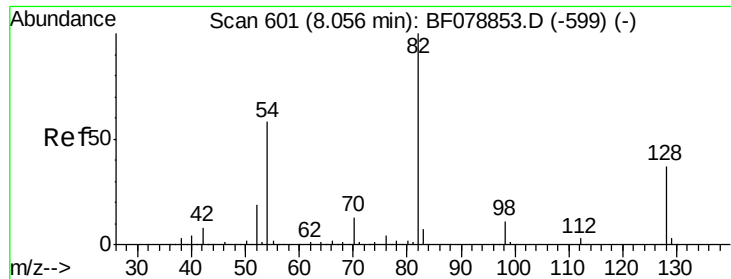
Abundance Ion 136.00 (135.70 to 136.70): E

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

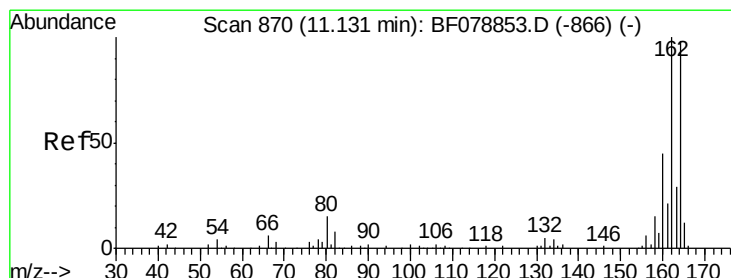
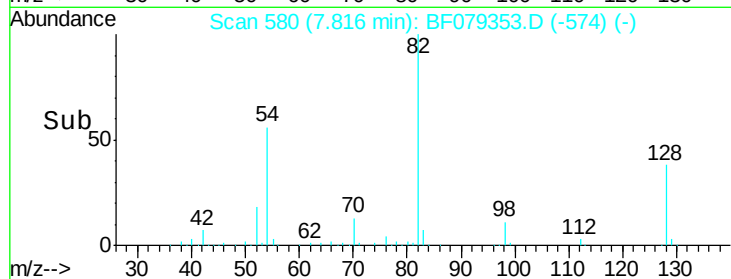
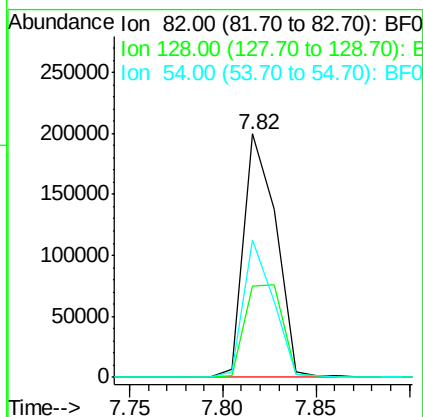
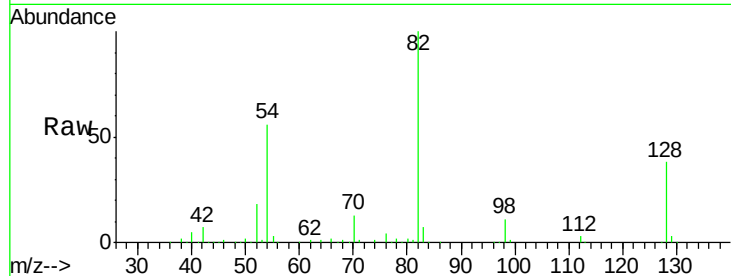




#23
 Nitrobenzene-d5
 Concen: 88.41 ng
 RT: 7.82 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF079353.D
 Acq: 19 May 2015 20:35

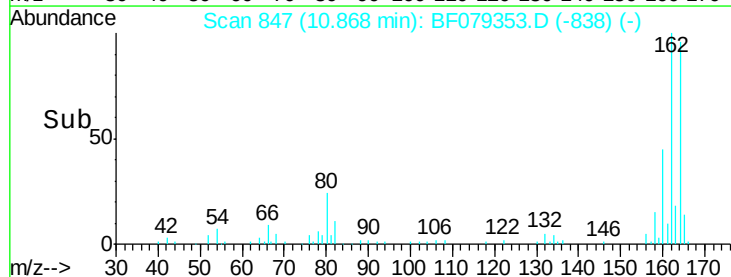
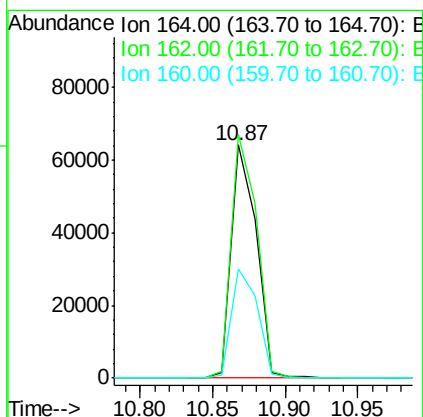
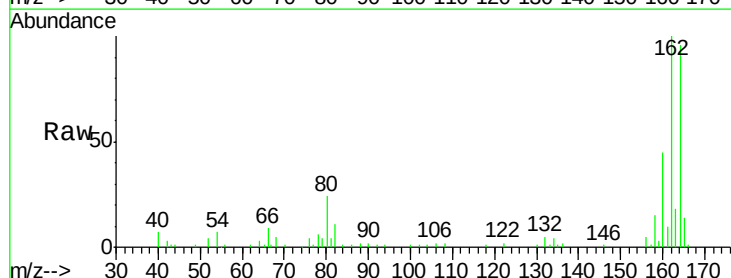
Instrument :
 BNA_F
 ClientSampleId :
 WC-13-D1

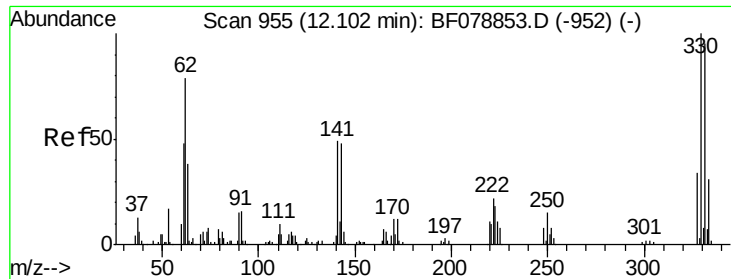
Tot Ion: 82 Resp: 241442
 Ion Ratio Lower Upper
 82 100
 128 37.7 29.7 44.5
 54 56.2 46.2 69.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF079353.D
 Acq: 19 May 2015 20:35

Tgt Ion:164 Resp: 76506
 Ion Ratio Lower Upper
 164 100
 162 104.6 81.4 122.0
 160 46.7 36.6 54.8

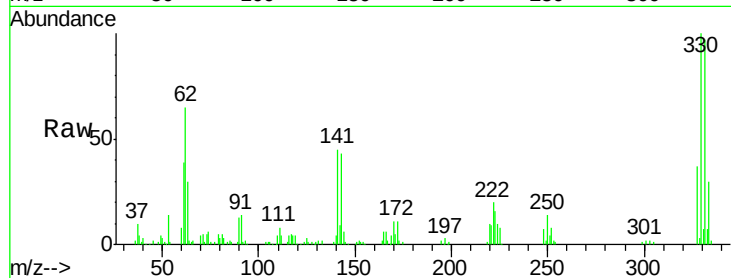




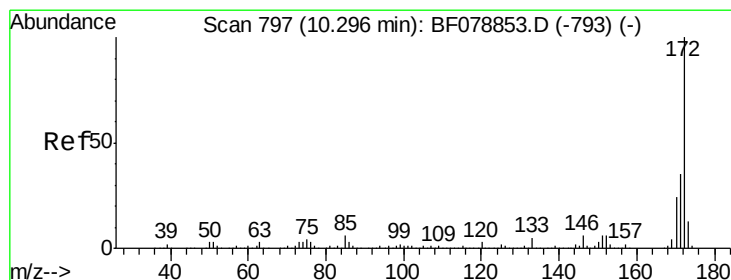
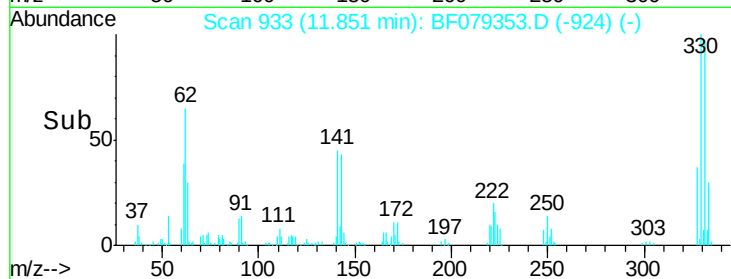
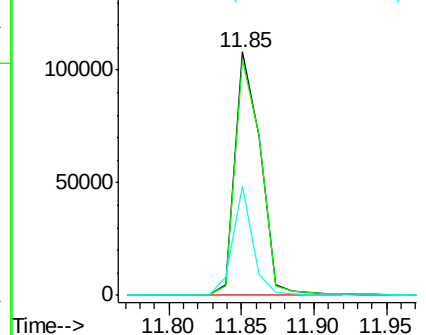
#41
 2,4,6-Tribromophenol
 Concen: 159.61 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF079353.D
 Acq: 19 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 WC-13-D1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.9	115.3
141	35.1	27.8	41.8

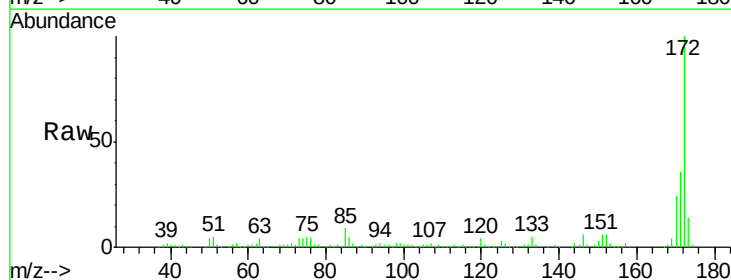


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

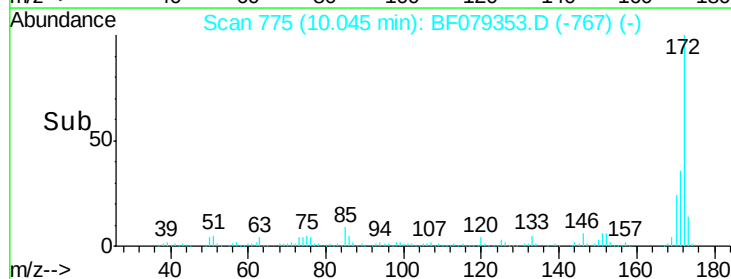
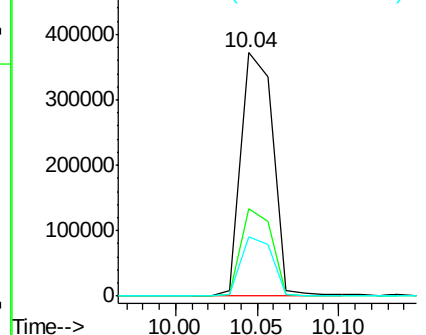


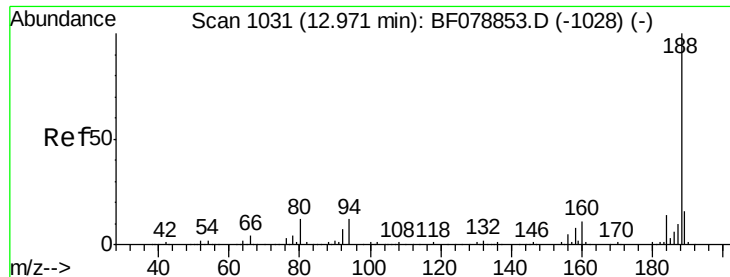
#44
 2-Fluorobiphenyl
 Concen: 91.69 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF079353.D
 Acq: 19 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	24.1	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

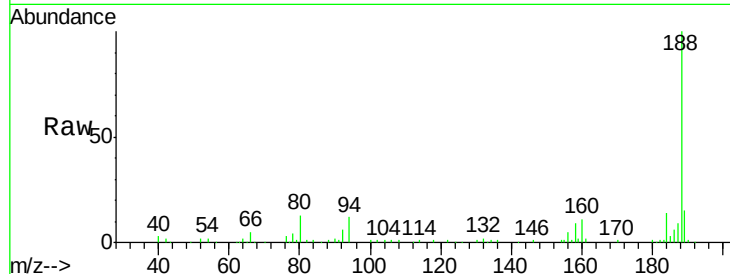




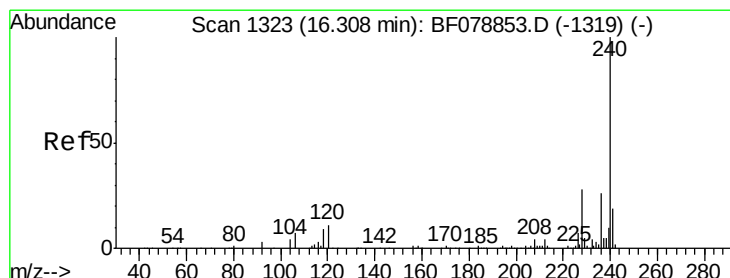
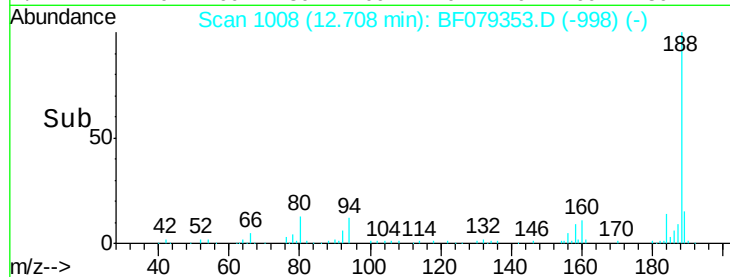
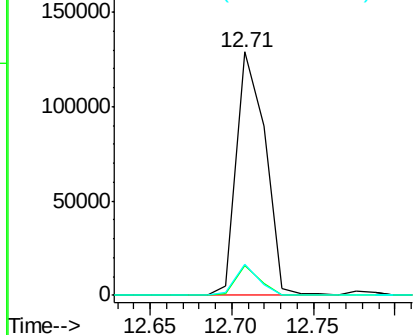
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.71 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF079353.D
 Acq: 19 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 WC-13-D1

Tot Ion:188 Resp: 157164
 Ion Ratio Lower Upper
 188 100
 94 12.3 9.4 14.0
 80 12.9 9.8 14.6

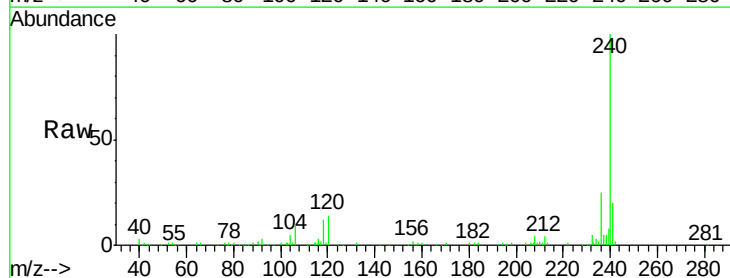


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

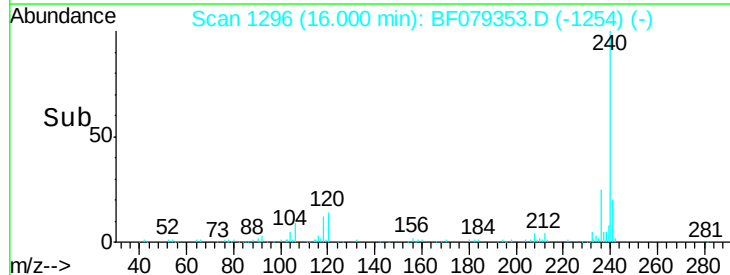
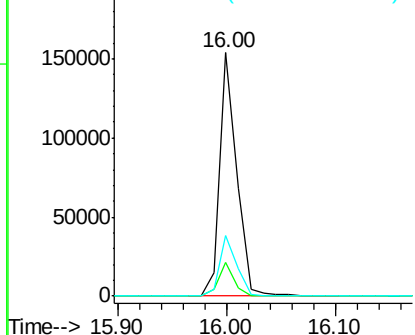


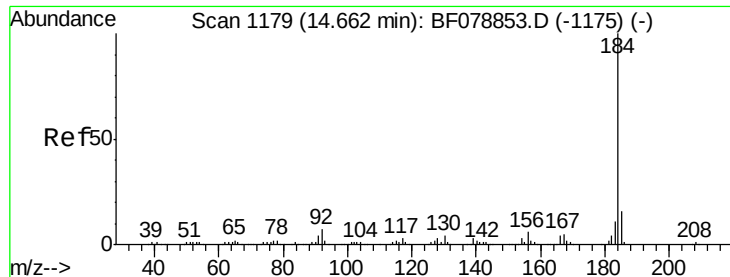
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.00 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF079353.D
 Acq: 19 May 2015 20:35

Tgt Ion:240 Resp: 168476
 Ion Ratio Lower Upper
 240 100
 120 14.0 8.6 12.8#
 236 25.1 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





#76

Benzidine

Concen: 2.35 ng

RT: 14.40 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF079353.D

Acq: 19 May 2015 20:35

Instrument :

BNA_F

ClientSampleId :

WC-13-D1

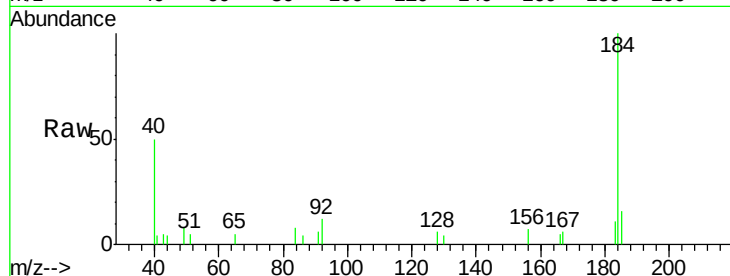
Tot Ion:184 Resp: 10692

Ion Ratio Lower Upper

184 100

185 16.4 12.8 19.2

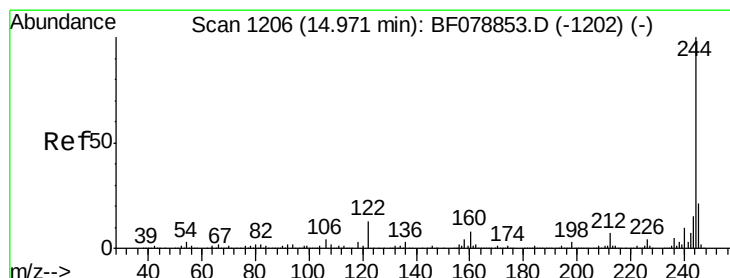
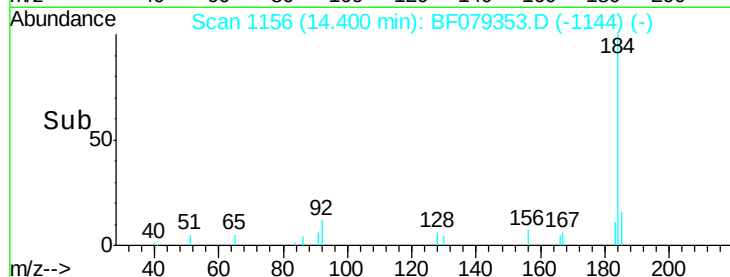
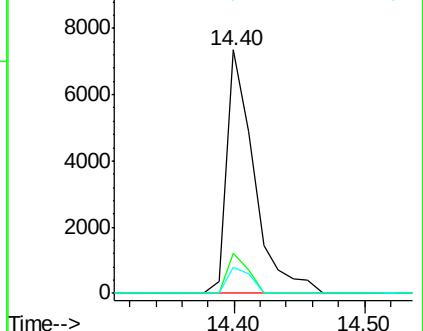
183 10.7 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 94.79 ng

RT: 14.71 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF079353.D

Acq: 19 May 2015 20:35

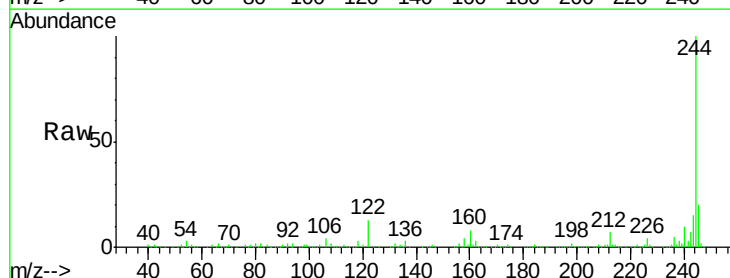
Tgt Ion:244 Resp: 667064

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

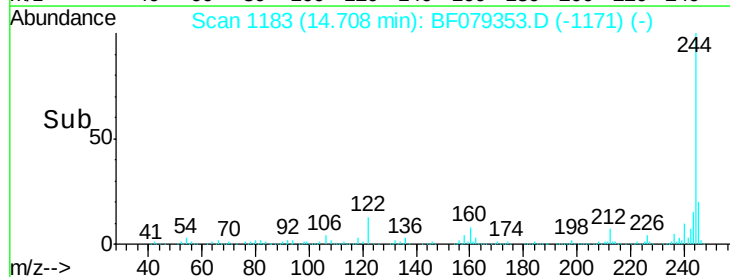
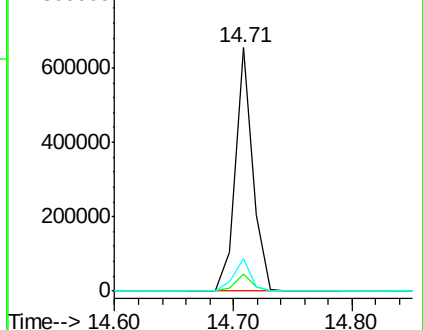
122 13.2 10.5 15.7

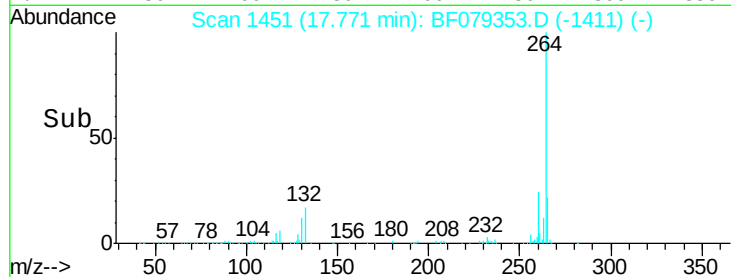
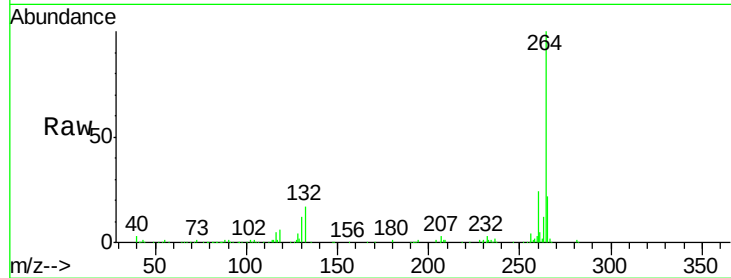
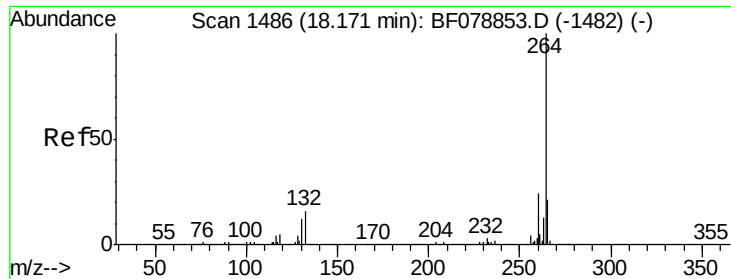


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.05 min
Lab File: BF079353.D
Acq: 19 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
WC-13-D1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.2	25.8

