

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079352.D
 Acq On : 19 May 2015 20:06
 Operator : TP/IZ
 Sample : G2271-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-D1

Quant Time: May 20 05:51:04 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

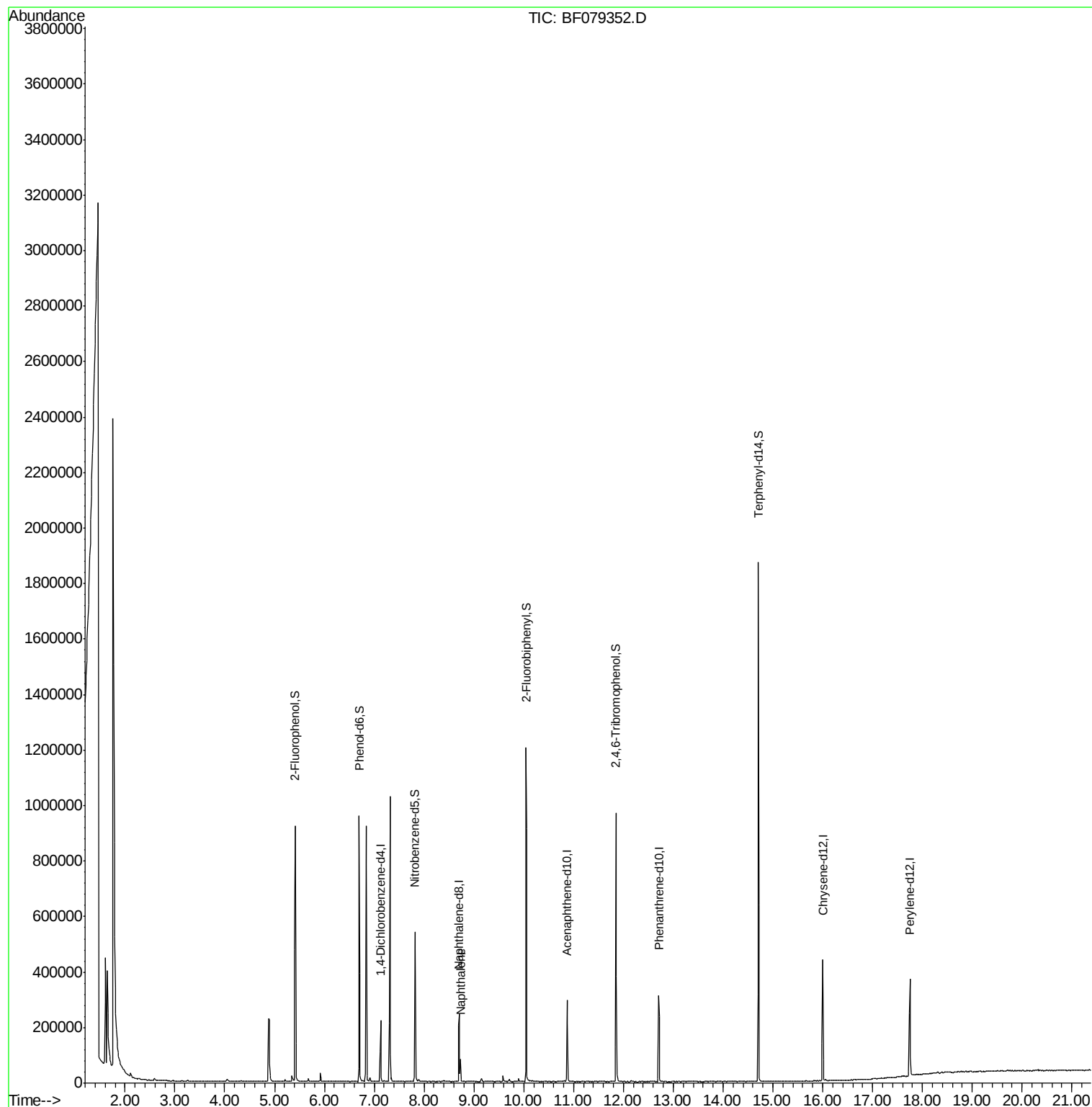
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	39453	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	159216	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	77946	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	157951	20.00	ng	-0.01
75) Chrysene-d12	16.00	240	174741	20.00	ng	-0.02
86) Perylene-d12	17.75	264	182087	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	318518m	138.97	ng	0.00
7) Phenol-d6	6.70	99	371970	122.78	ng	-0.01
23) Nitrobenzene-d5	7.82	82	249505	90.06	ng	-0.01
41) 2,4,6-Tribromophenol	11.85	330	137618	163.20	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	525666	93.96	ng	-0.01
78) Terphenyl-d14	14.71	244	683187	93.60	ng	-0.01
Target Compounds						
31) Naphthalene	8.73	128	38680	5.10	ng	Qvalue 98

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

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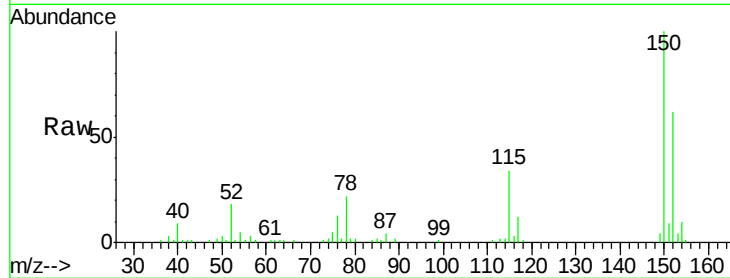




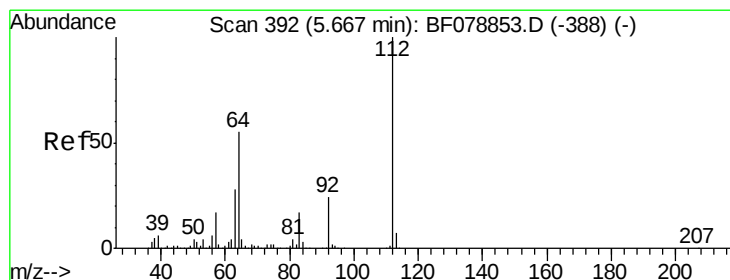
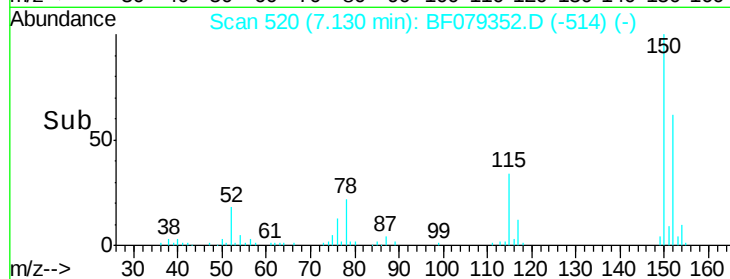
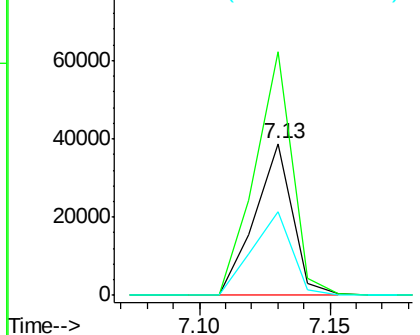
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF079352.D
 Acq: 19 May 2015 20:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-D1

Tot Ion:	152	Resp:	39453
Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.8	185.8
115	55.4	49.4	74.0

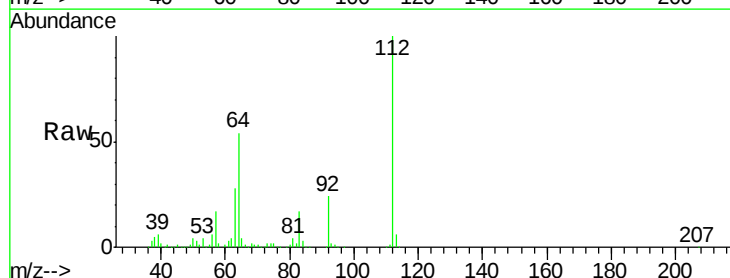


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

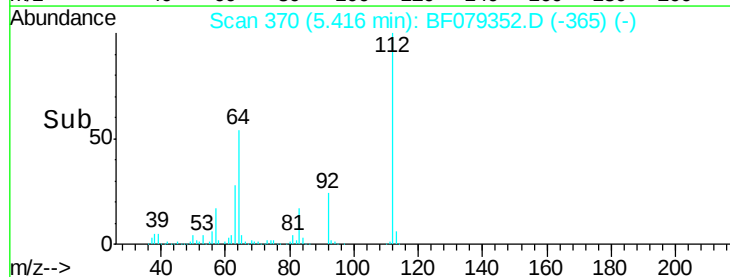
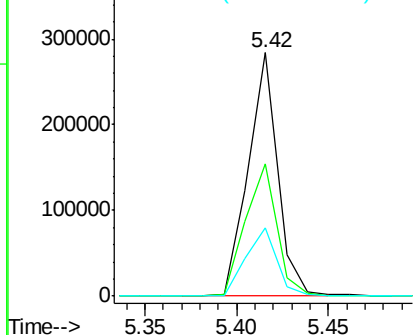


#5
 2-Fluorophenol
 Concen: 138.97 ng m
 RT: 5.42 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: BF079352.D
 Acq: 19 May 2015 20:06

Tgt Ion:	112	Resp:	318518
Ion	Ratio	Lower	Upper
112	100		
64	54.5	44.2	66.2
63	27.8	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: 122.78 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079352.D

Acq: 19 May 2015 20:06

Instrument :

BNA_F

ClientSampleId :

WC-14-D1

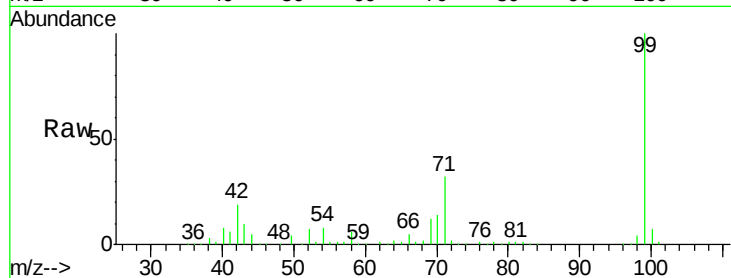
Tot Ion: 99 Resp: 371970

Ion Ratio Lower Upper

99 100

42 18.7 17.1 25.7

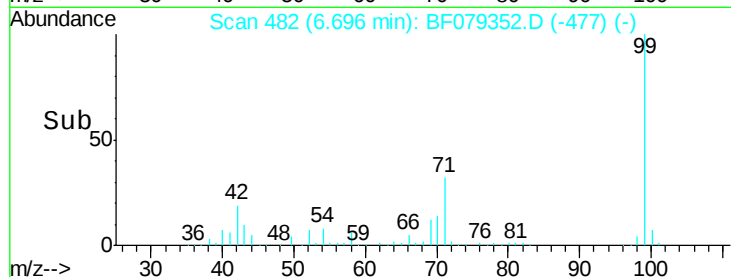
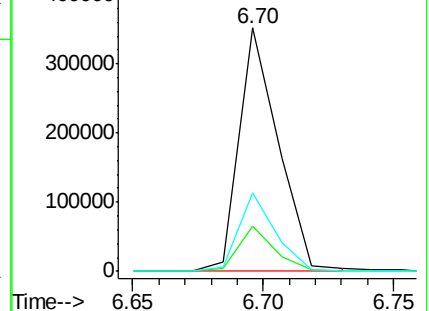
71 32.5 26.3 39.5



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: BF079352.D

Acq: 19 May 2015 20:06

Tgt Ion: 136 Resp: 159216

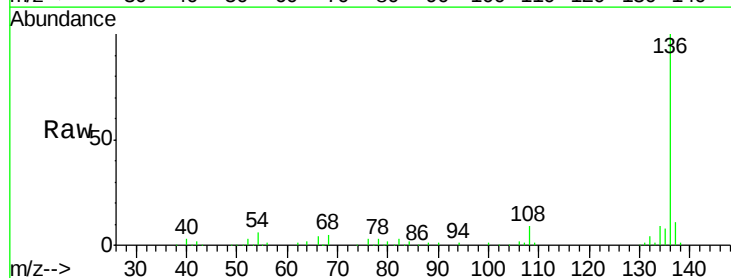
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.6 6.9 10.3#

68 4.7 4.9 7.3#

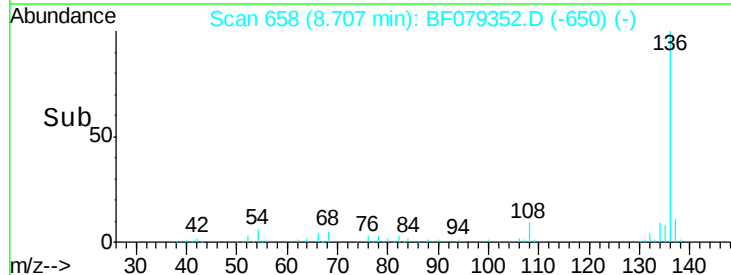
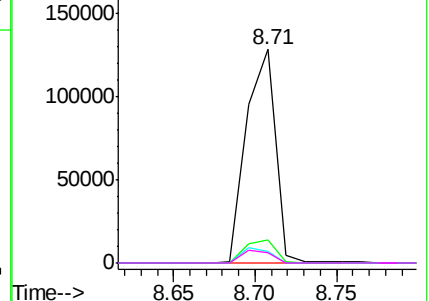


Abundance Ion 136.00 (135.70 to 136.70): E

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

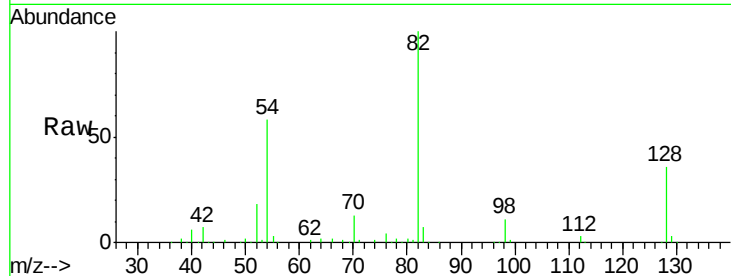




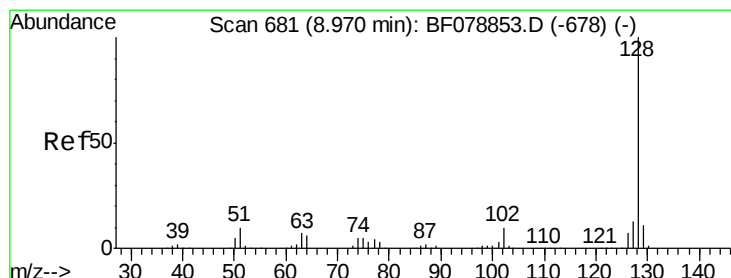
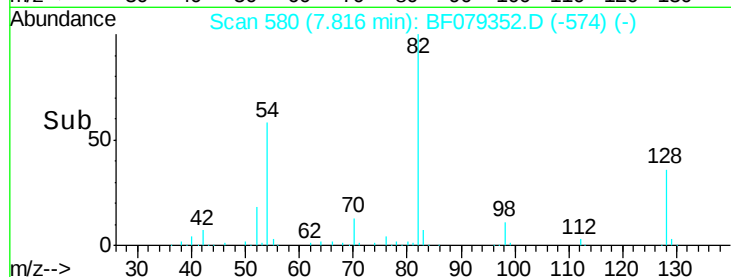
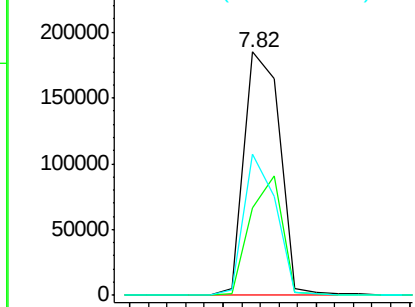
#23
Nitrobenzene-d5
Concen: 90.06 ng
RT: 7.82 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF079352.D
Acq: 19 May 2015 20:06

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tot Ion: 82 Resp: 249505
Ion Ratio Lower Upper
82 100
128 35.9 29.7 44.5
54 58.0 46.2 69.4

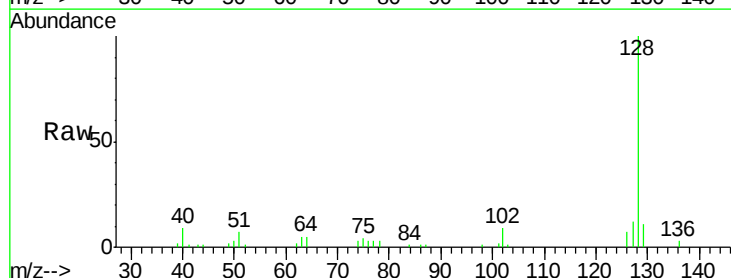


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

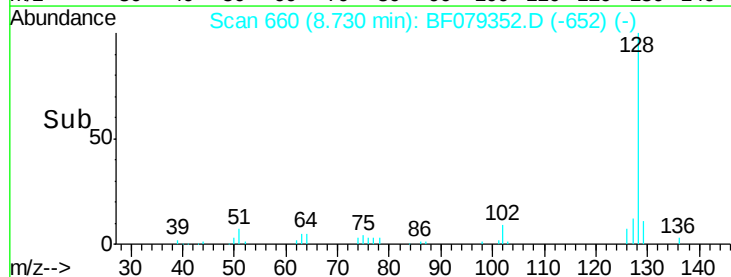
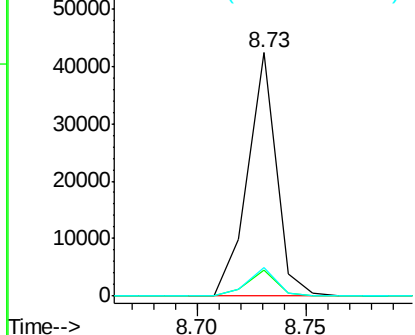


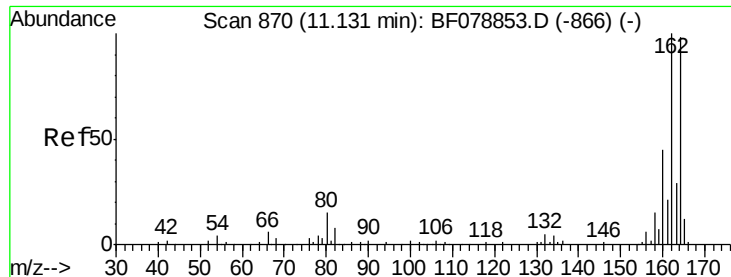
#31
Naphthalene
Concen: 5.10 ng
RT: 8.73 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF079352.D
Acq: 19 May 2015 20:06

Tgt Ion: 128 Resp: 38680
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 12.0 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

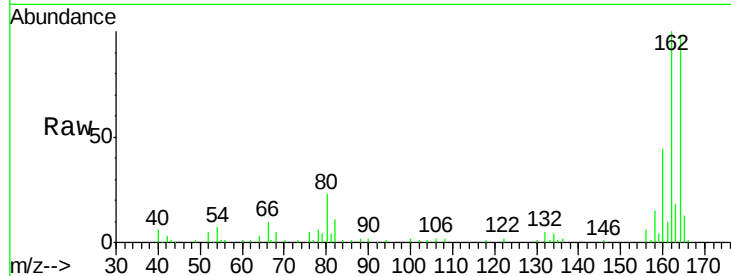




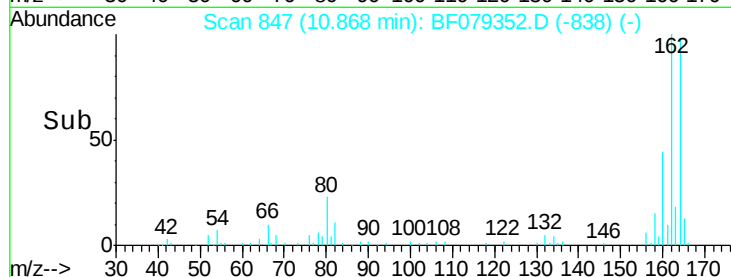
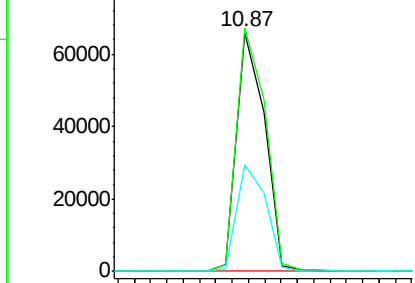
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF079352.D
Acq: 19 May 2015 20:06

Instrument :
BNA_F
ClientSampleId :
WC-14-D1

Tot Ion:164 Resp: 77946
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 44.6 36.6 54.8

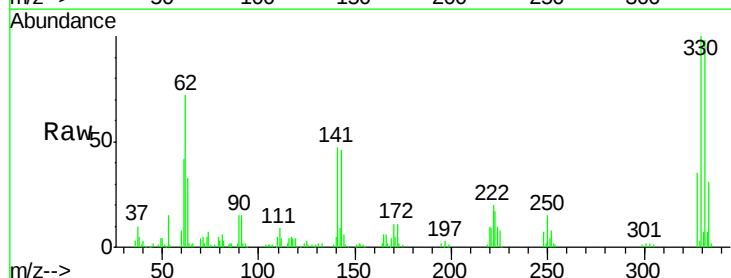


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

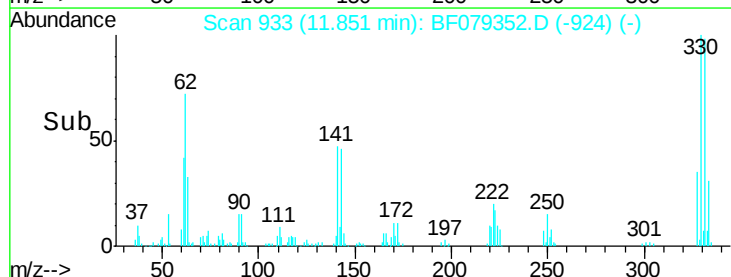
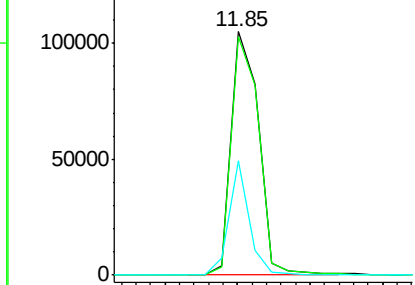


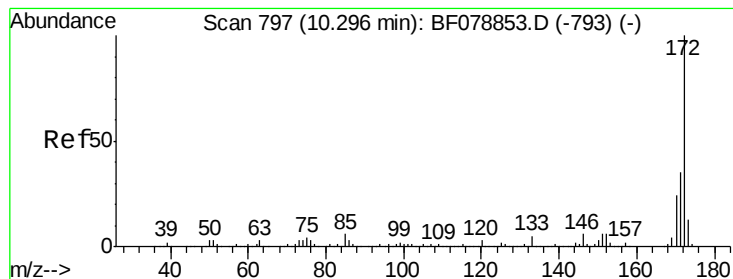
#41
2,4,6-Tribromophenol
Concen: 163.20 ng
RT: 11.85 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF079352.D
Acq: 19 May 2015 20:06

Tgt Ion:330 Resp: 137618
Ion Ratio Lower Upper
330 100
332 98.4 76.9 115.3
141 34.6 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: 93.96 ng

RT: 10.04 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF079352.D

Acq: 19 May 2015 20:06

Instrument :

BNA_F

ClientSampleId :

WC-14-D1

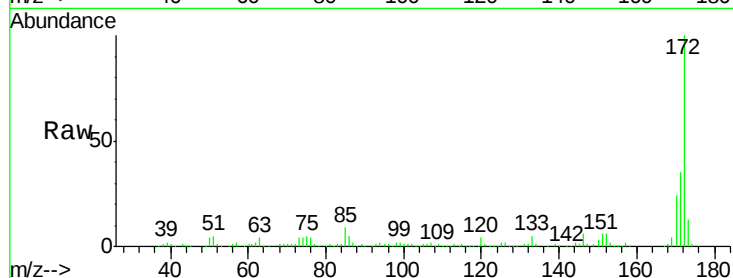
Tot Ion:172 Resp: 525666

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

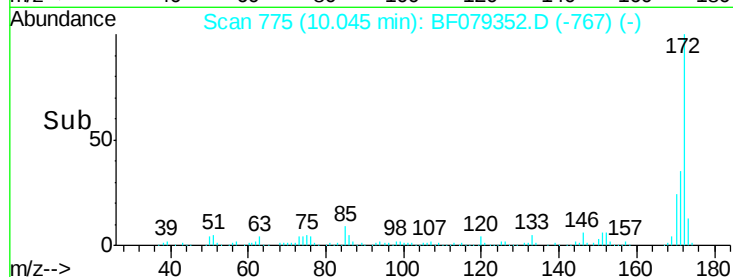
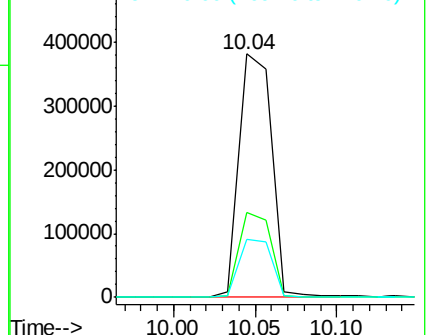
170 24.1 19.4 29.2



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: BF079352.D

Acq: 19 May 2015 20:06

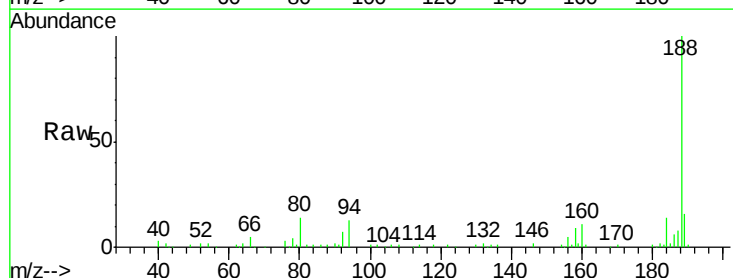
Tgt Ion:188 Resp: 157951

Ion Ratio Lower Upper

188 100

94 13.3 9.4 14.0

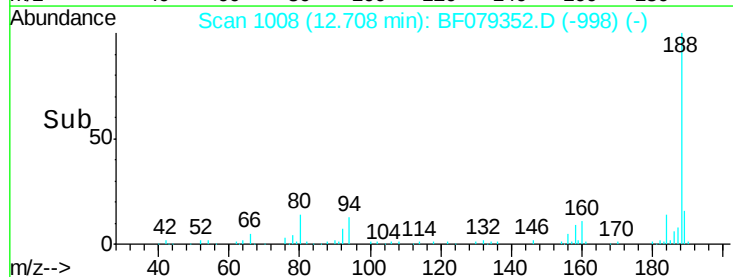
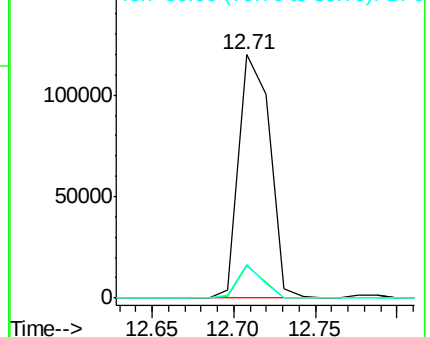
80 13.9 9.8 14.6

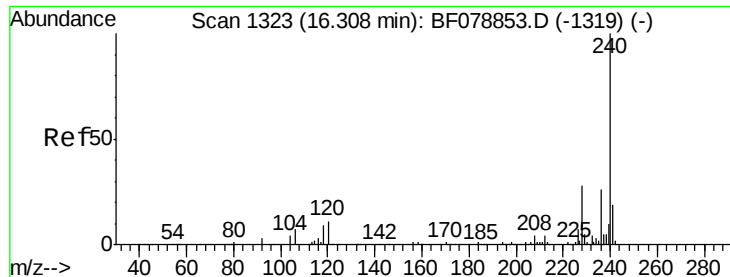


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF079352.D

Acq: 19 May 2015 20:06

Instrument :

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ClientSampleId :

WC-14-D1

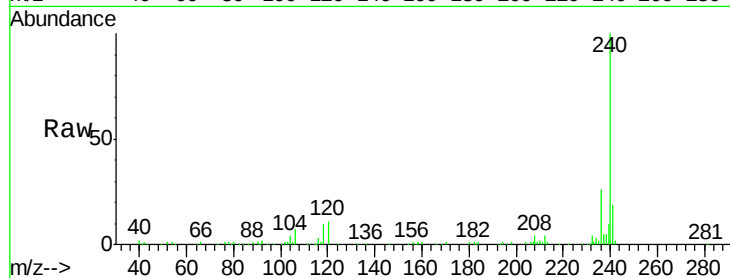
Tot Ion:240 Resp: 174741

Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

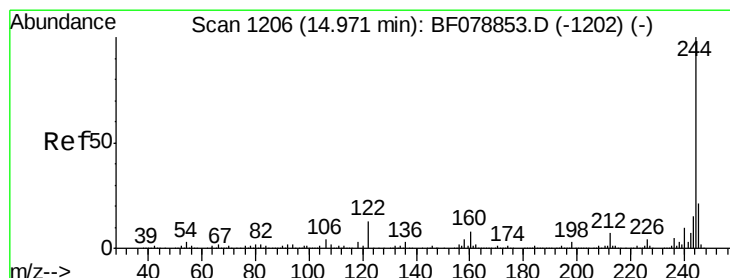
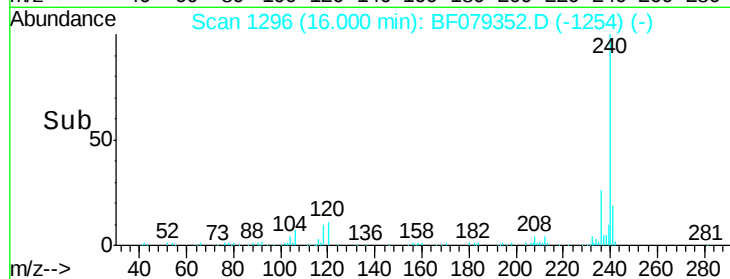
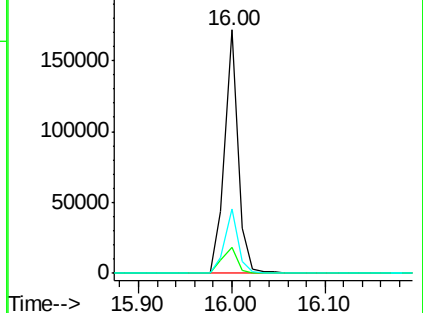
236 26.3 21.0 31.6



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: 93.60 ng

RT: 14.71 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF079352.D

Acq: 19 May 2015 20:06

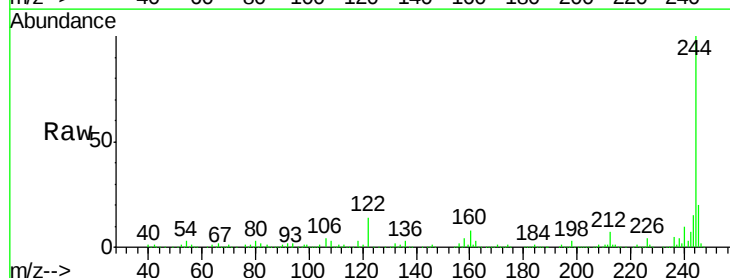
Tgt Ion:244 Resp: 683187

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

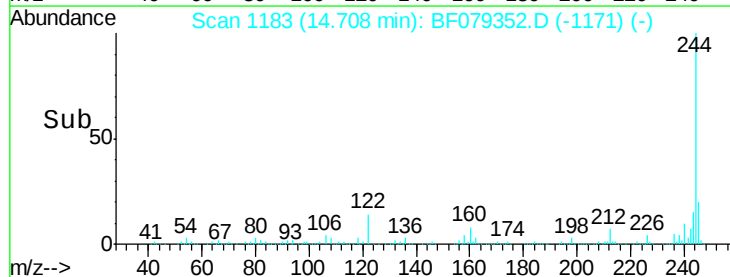
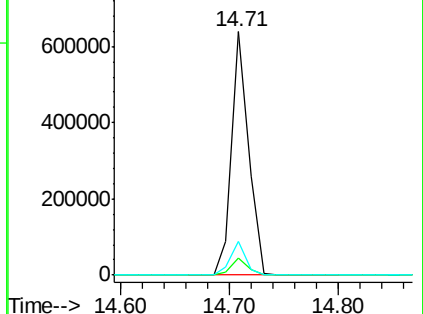
122 14.1 10.5 15.7

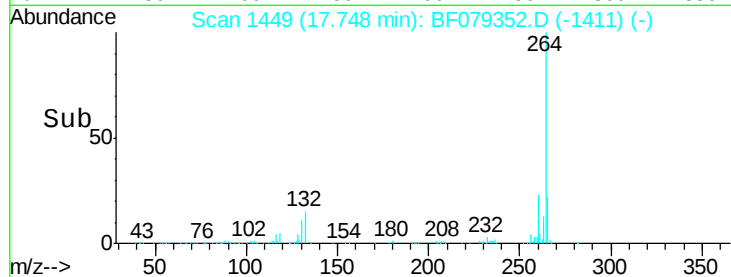
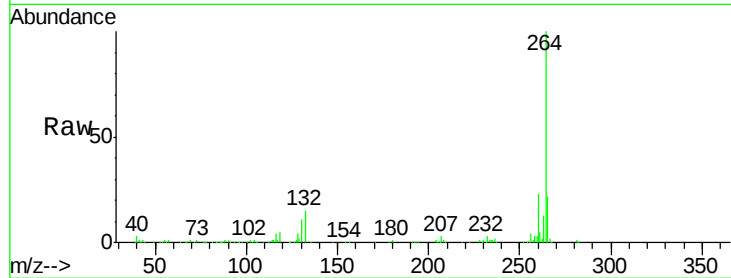


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.75 min Scan# 1449

Delta R.T. -0.07 min

Lab File: BF079352.D

Acq: 19 May 2015 20:06

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 264 Resp: 182087

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 17.2 25.8

