

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079280.D
 Acq On : 15 May 2015 20:08
 Operator : TP/IZ
 Sample : PB83417BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83417BL

Quant Time: May 15 23:20:01 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	64172	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	264779	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	128427	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	246099	20.00	ng	0.00
75) Chrysene-d12	16.06	240	227210	20.00	ng	-0.03
86) Perylene-d12	17.85	264	219021	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.74	99	482353	97.89	ng	-0.01
23) Nitrobenzene-d5	7.87	82	290854	63.13	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	149098	107.32	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	608770	66.04	ng	0.00
78) Terphenyl-d14	14.77	244	690871	72.80	ng	0.00

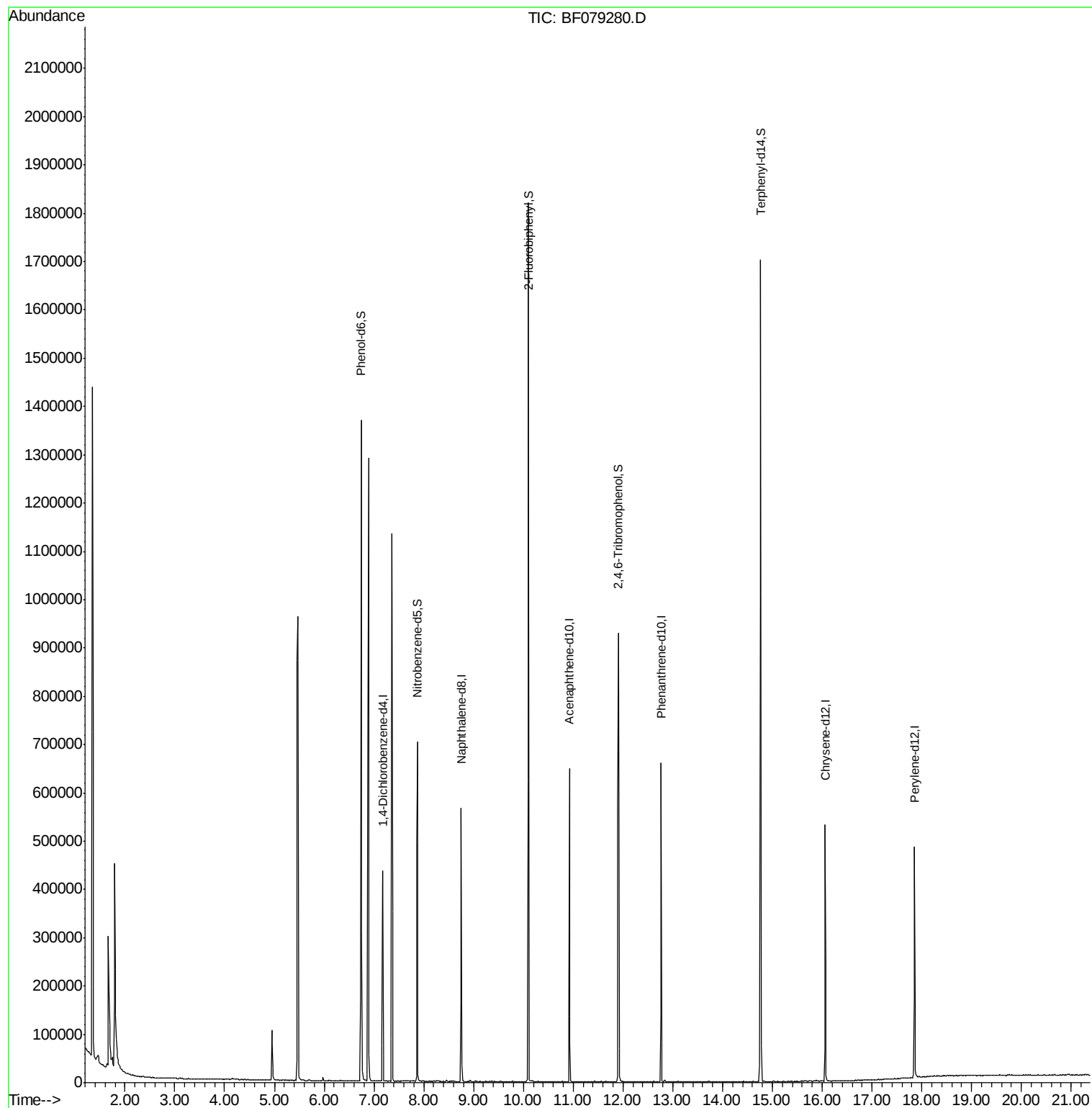
Target Compounds	Qvalue
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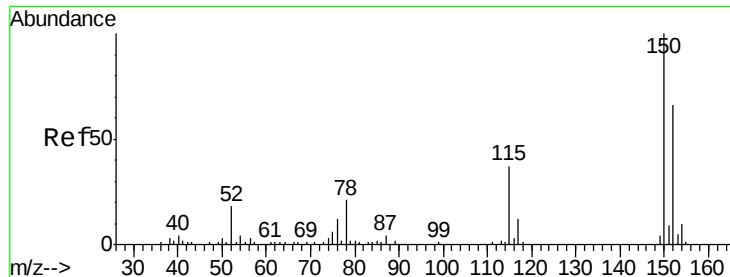
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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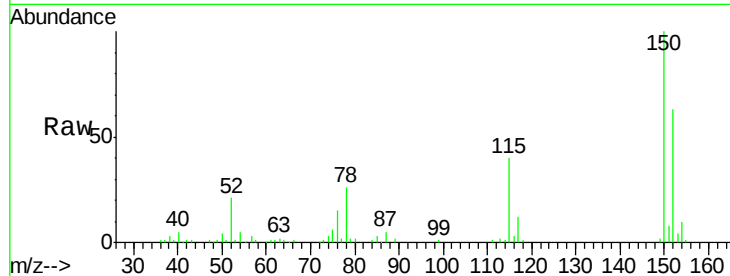




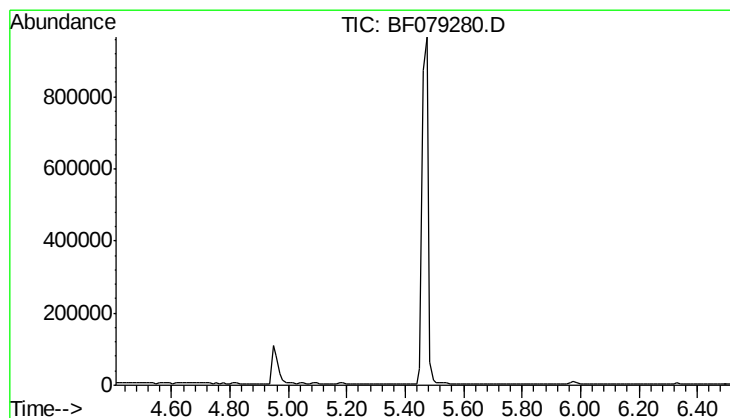
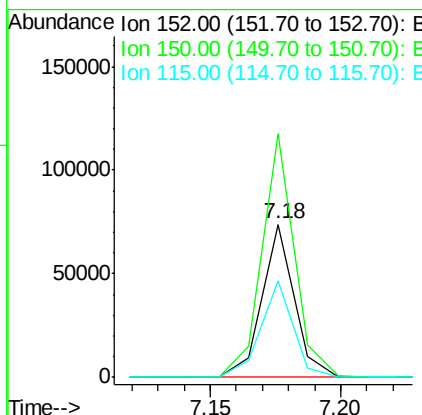
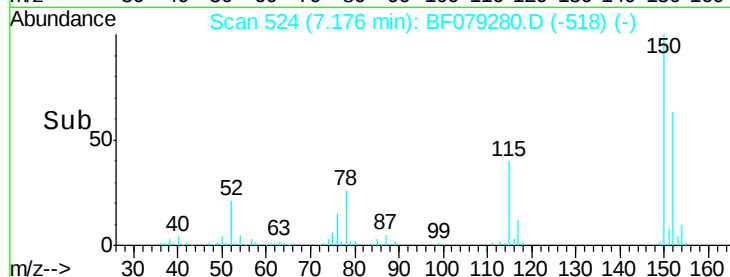
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079280.D
 Acq: 15 May 2015 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83417BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.8
115	62.9	49.4	74.0

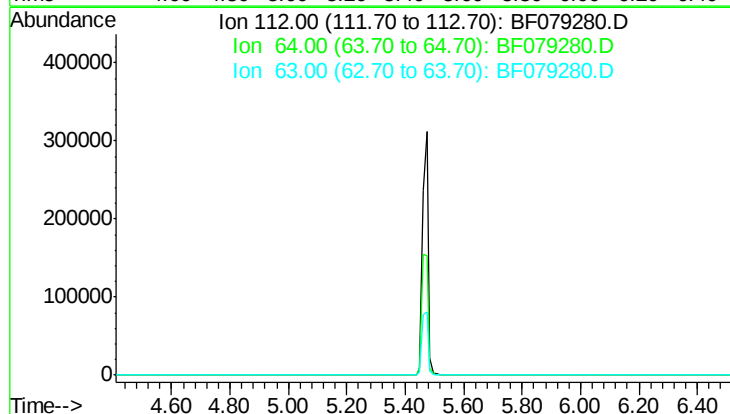


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.46 min
 Lab File: BF079280.D
 Acq: 15 May 2015 20:08

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.2	
63	28.4	





#7

Phenol-d6

Concen: 97.89 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079280.D

Acq: 15 May 2015 20:08

Instrument :

BNA_F

ClientSampleId :

PB83417BL

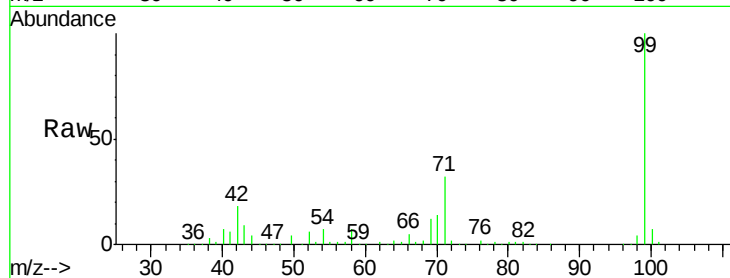
Tgt Ion: 99 Resp: 482353

Ion Ratio Lower Upper

99 100

42 18.3 17.1 25.7

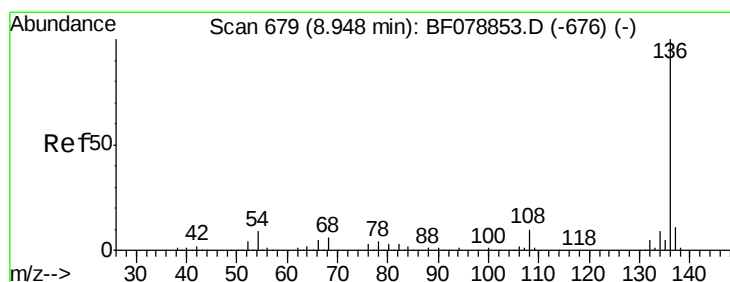
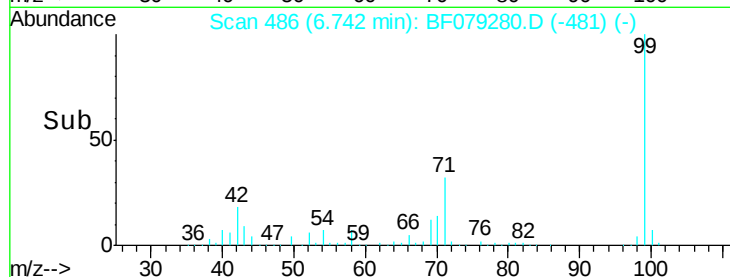
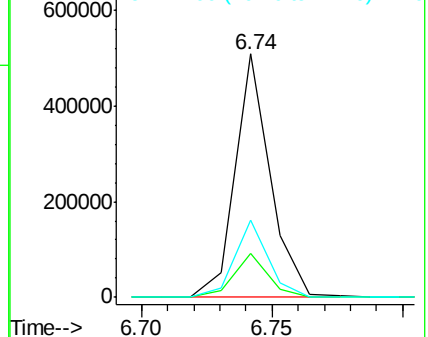
71 31.8 26.3 39.5



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: BF079280.D

Acq: 15 May 2015 20:08

Tgt Ion: 136 Resp: 264779

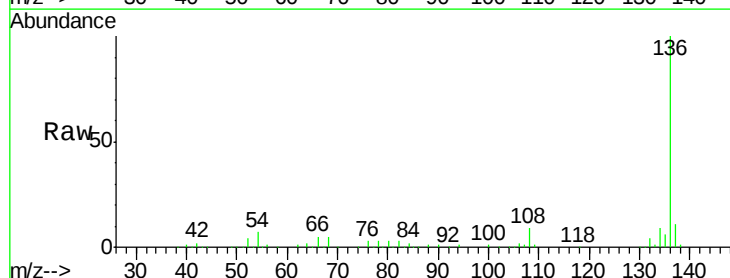
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.5 6.9 10.3#

68 5.0 4.9 7.3

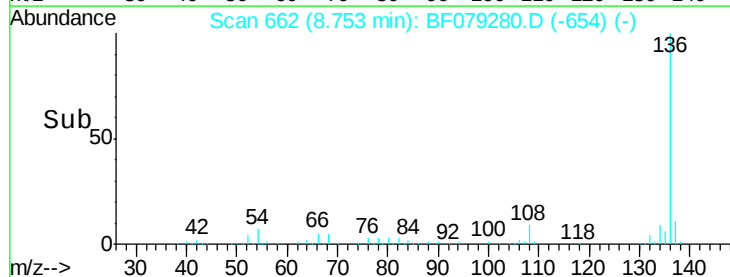
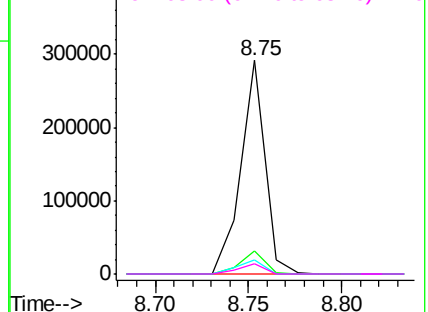


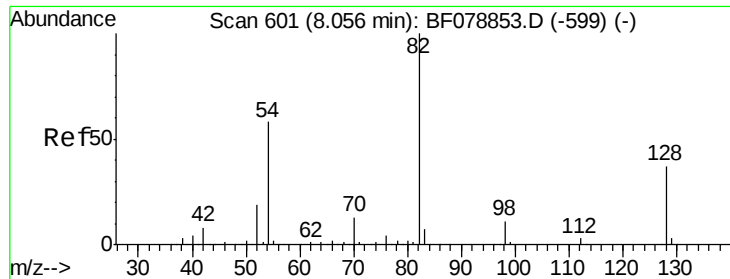
Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.13 ng

RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079280.D

Acq: 15 May 2015 20:08

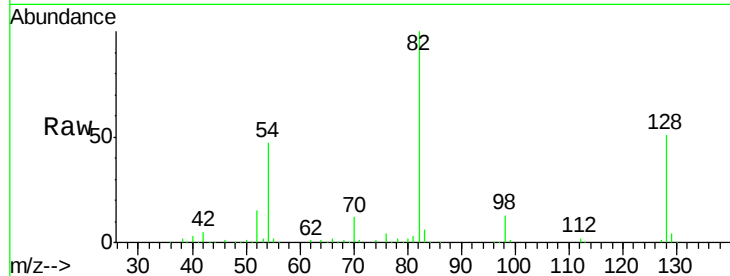
Instrument :

BNA_F

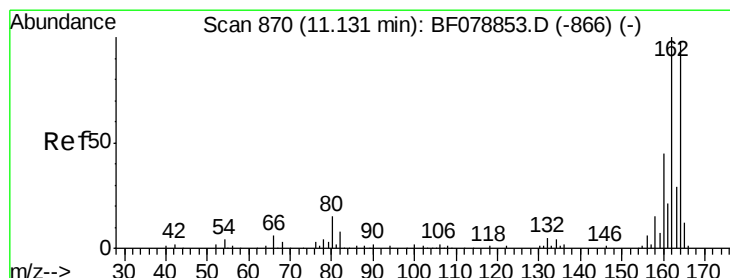
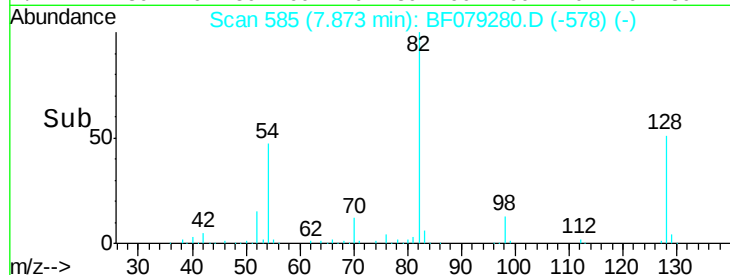
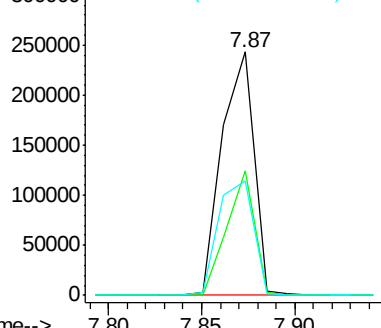
ClientSampleId :

PB83417BL

Tgt Ion:	82	Resp:	290854
Ion	Ratio	Lower	Upper
82	100		
128	50.9	29.7	44.5#
54	46.9	46.2	69.4



Abundance Ion 82.00 (81.70 to 82.70): BF079280.D (-578) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

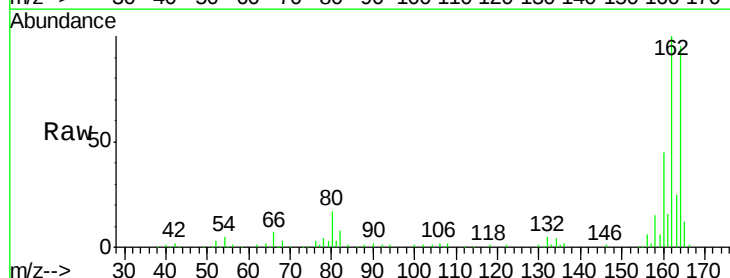
RT: 10.93 min Scan# 852

Delta R.T. 0.00 min

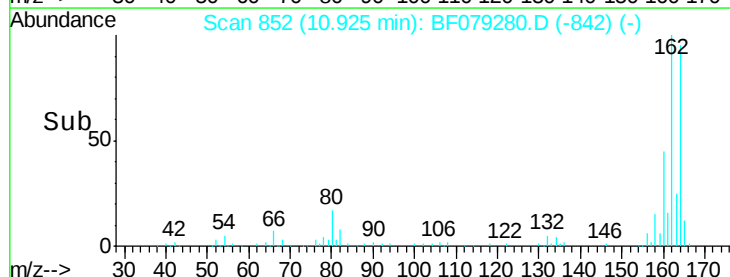
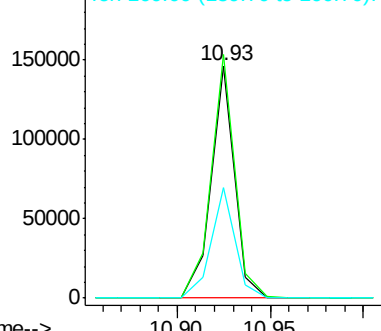
Lab File: BF079280.D

Acq: 15 May 2015 20:08

Tgt Ion:	164	Resp:	128427
Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.4	122.0
160	47.5	36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): BF079280.D (-842) (-)

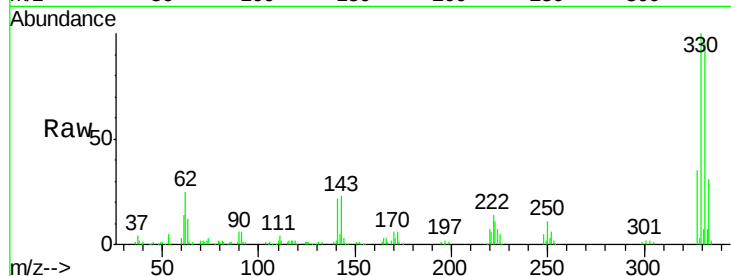




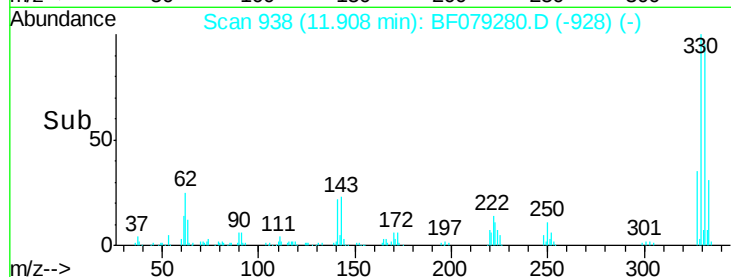
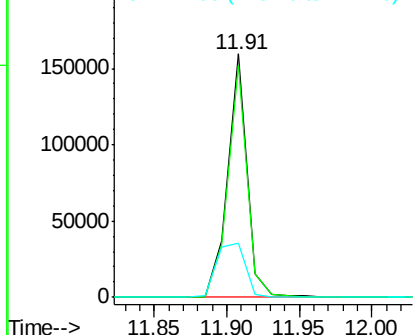
#41
 2,4,6-Tribromophenol
 Concen: 107.32 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079280.D
 Acq: 15 May 2015 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83417BL

Tgt Ion:330 Resp: 149098
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.9 115.3
 141 33.6 27.8 41.8

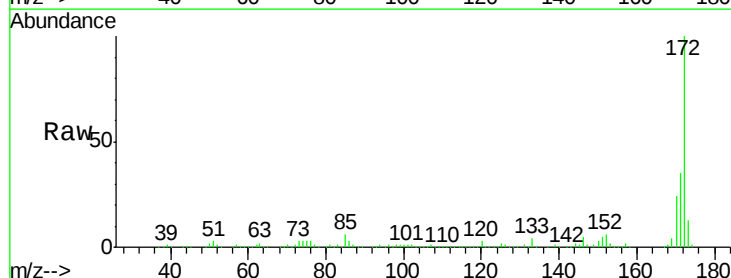


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

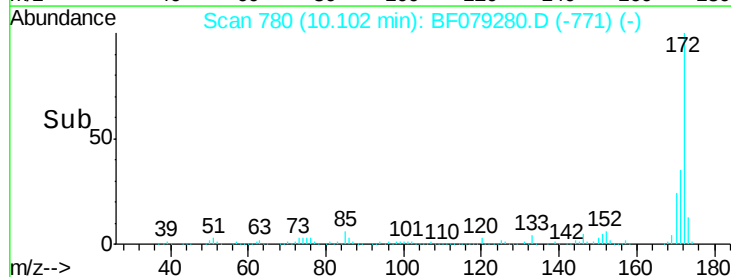
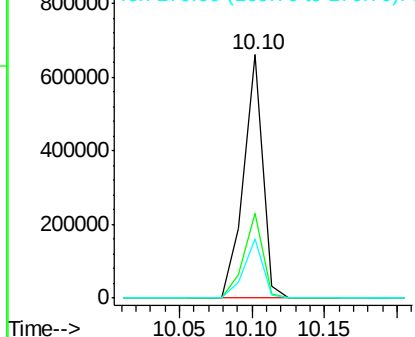


#44
 2-Fluorobiphenyl
 Concen: 66.04 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079280.D
 Acq: 15 May 2015 20:08

Tgt Ion:172 Resp: 608770
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.3 42.5
 170 24.2 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

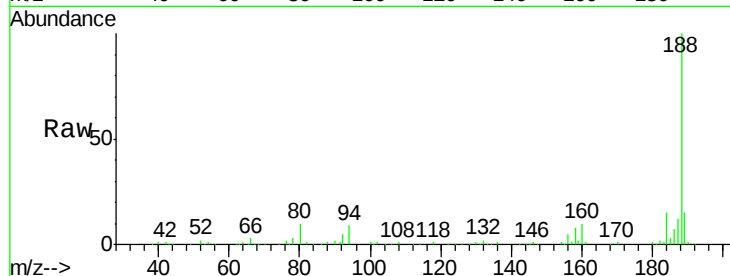




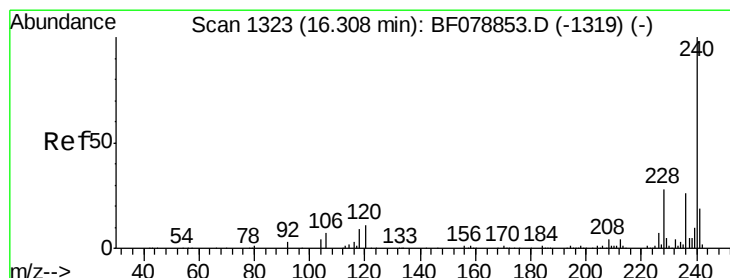
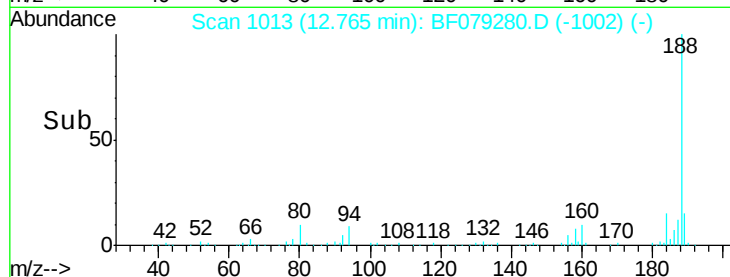
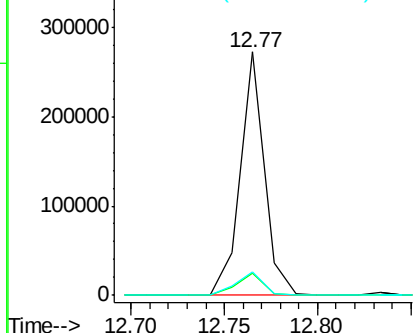
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079280.D
Acq: 15 May 2015 20:08

Instrument :
BNA_F
ClientSampleId :
PB83417BL

Tgt Ion:188 Resp: 246099
Ion Ratio Lower Upper
188 100
94 9.3 9.4 14.0#
80 9.8 9.8 14.6

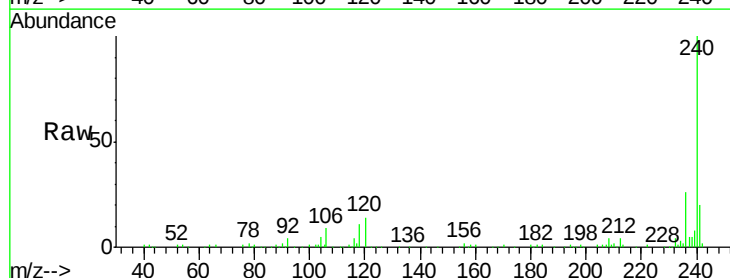


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

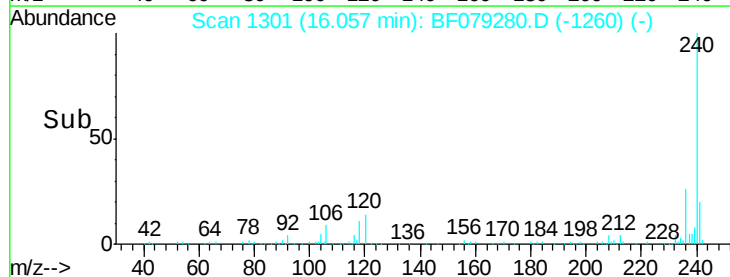
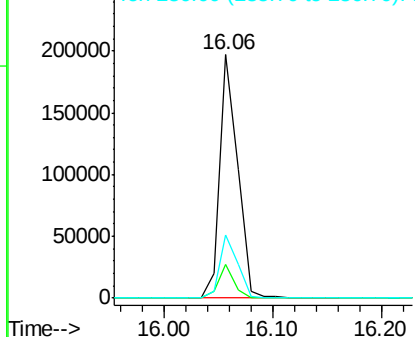


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF079280.D
Acq: 15 May 2015 20:08

Tgt Ion:240 Resp: 227210
Ion Ratio Lower Upper
240 100
120 13.7 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

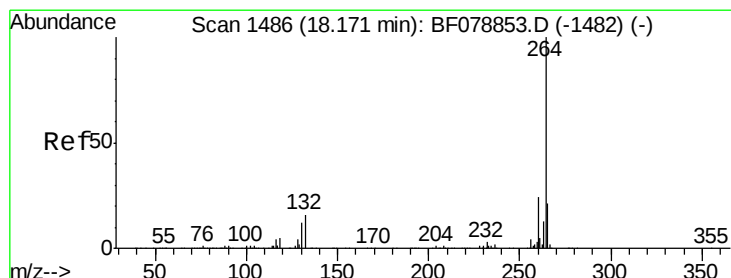
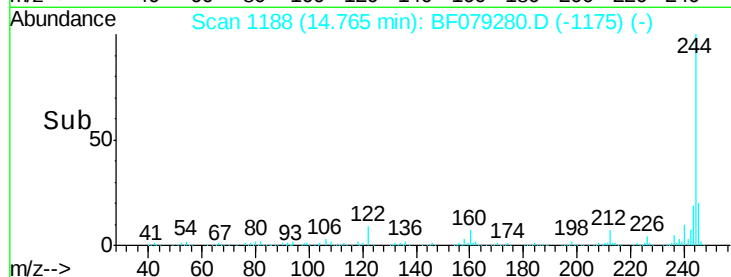
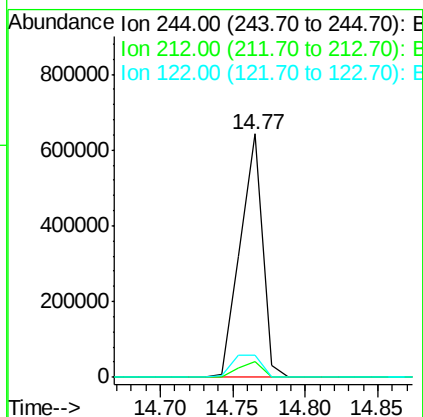
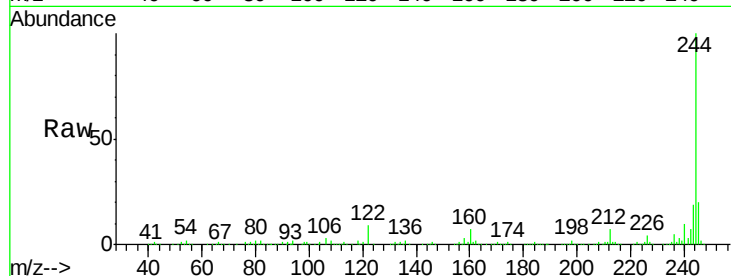




#78
 Terphenyl-d14
 Concen: 72.80 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF079280.D
 Acq: 15 May 2015 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PB83417BL

Tgt Ion: 244 Resp: 690871
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.0 10.5 15.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1458
 Delta R.T. -0.08 min
 Lab File: BF079280.D
 Acq: 15 May 2015 20:08

Tgt Ion: 264 Resp: 219021
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 17.2 25.8

