

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079044.D
 Acq On : 8 May 2015 18:16
 Operator : TP/IZ
 Sample : PB83253BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BL

Quant Time: May 08 23:22:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	79018	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	332899	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	164969	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	313725	20.00	ng	-0.01
75) Chrysene-d12	16.22	240	300918	20.00	ng	-0.03
86) Perylene-d12	17.95	264	297111	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	414452	90.29	ng	0.00
7) Phenol-d6	6.88	99	517448	85.28	ng	-0.01
23) Nitrobenzene-d5	8.01	82	503415	86.91	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	148971	83.47	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	1048400	88.54	ng	-0.01
78) Terphenyl-d14	14.91	244	1211856	96.42	ng	-0.01

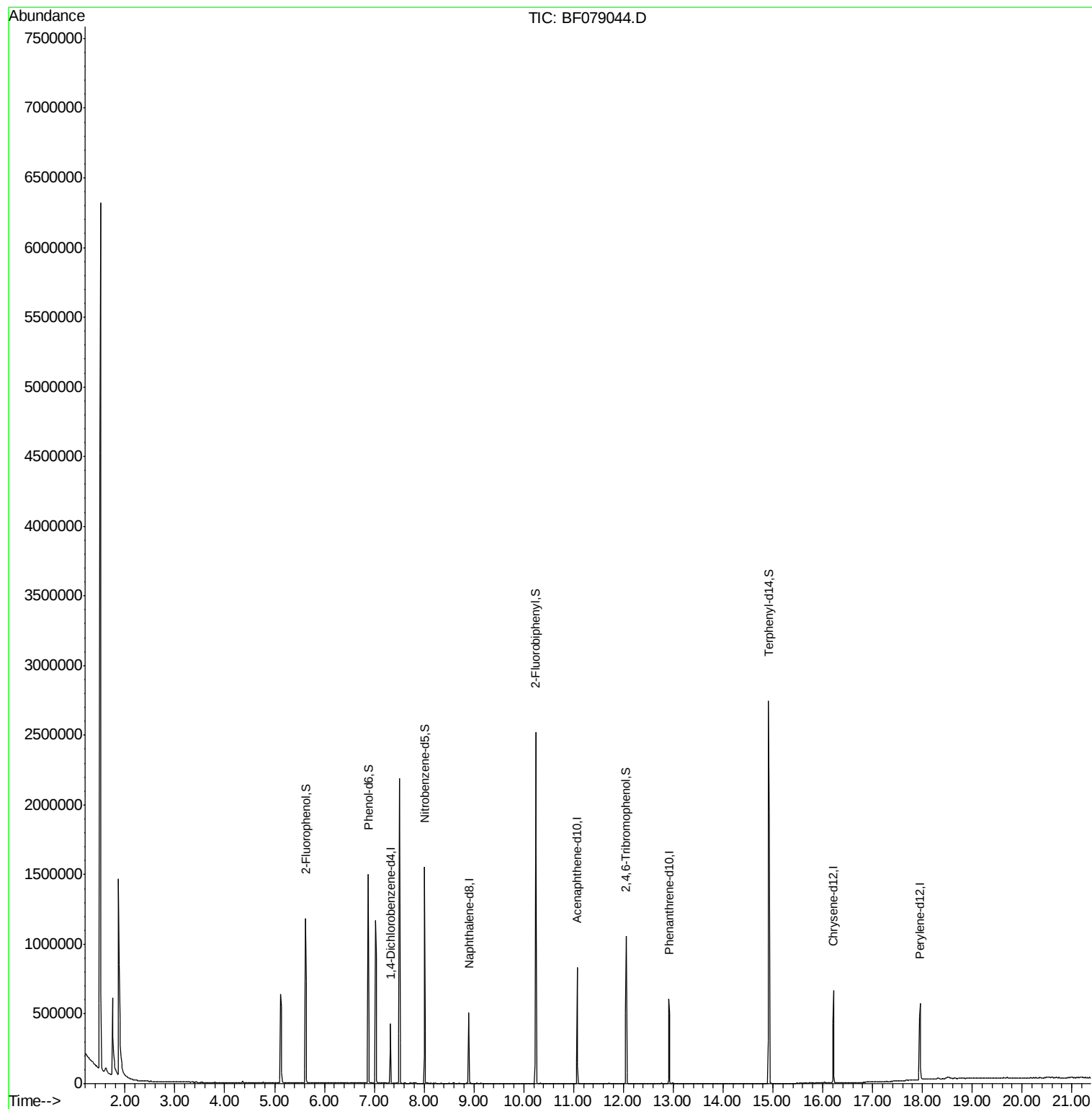
Target Compounds Qvalue

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

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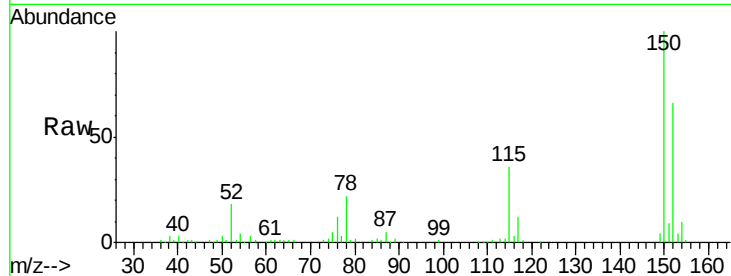


#1

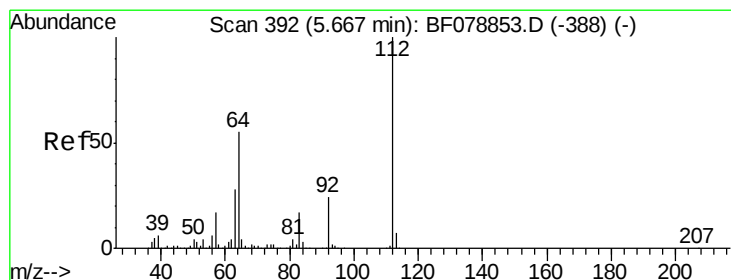
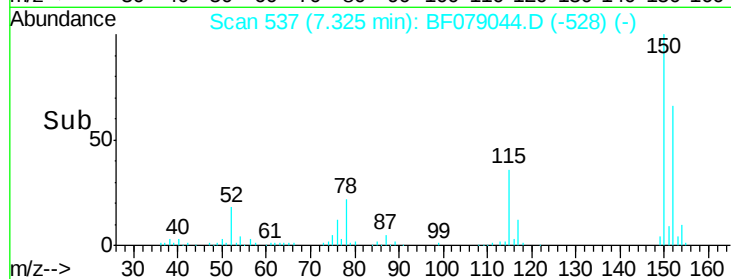
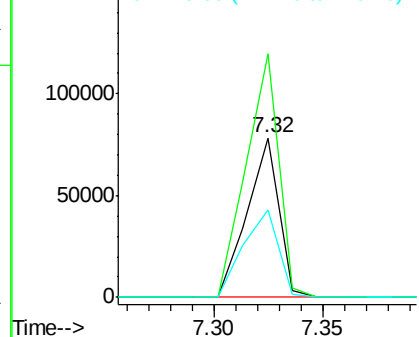
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079044.D
Acq: 8 May 2015 18:16

Instrument :
BNA_F
ClientSampleId :
PB83253BL

Tot Ion:152 Resp: 79018
Ion Ratio Lower Upper
152 100
150 152.6 122.0 183.0
115 54.7 46.3 69.5



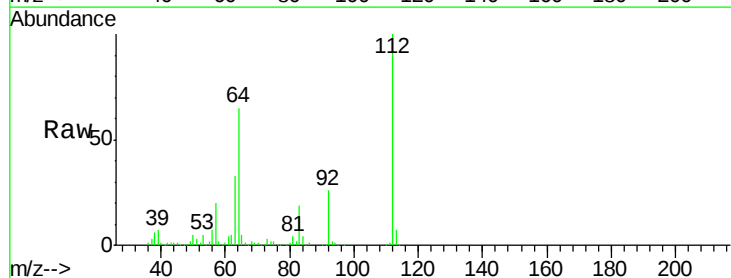
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



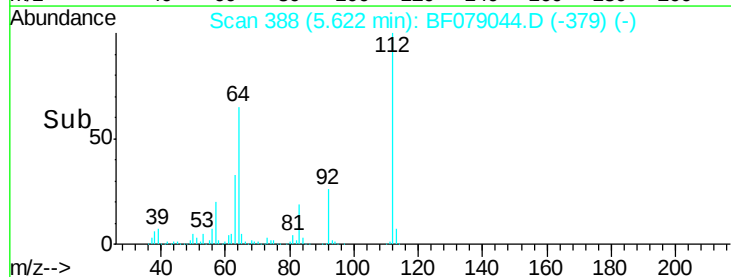
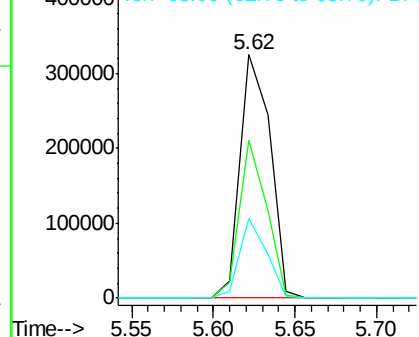
#5

2-Fluorophenol
Concen: 90.29 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079044.D
Acq: 8 May 2015 18:16

Tgt Ion:112 Resp: 414452
Ion Ratio Lower Upper
112 100
64 64.9 53.5 80.3
63 32.6 27.5 41.3



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: 85.28 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF079044.D

Acq: 8 May 2015 18:16

Instrument :

BNA_F

ClientSampleId :

PB83253BL

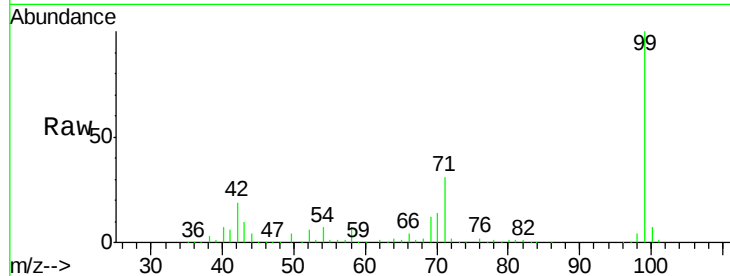
Tot Ion: 99 Resp: 517448

Ion Ratio Lower Upper

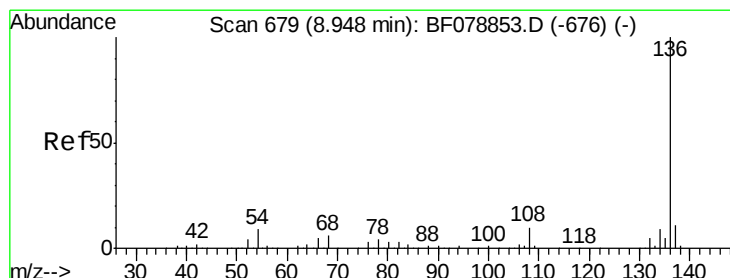
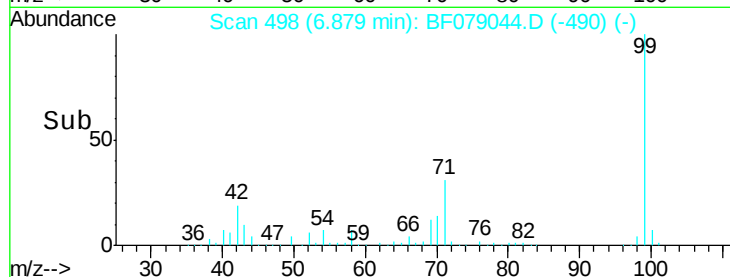
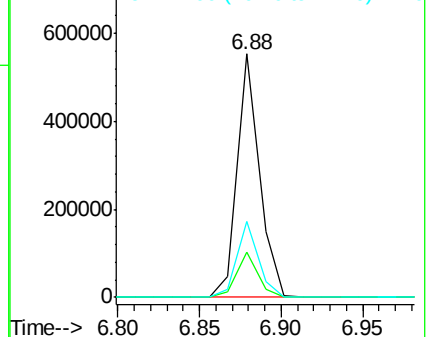
99 100

42 18.7 12.8 19.2

71 31.3 23.4 35.2



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: 8.90 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF079044.D

Acq: 8 May 2015 18:16

Tgt Ion: 136 Resp: 332899

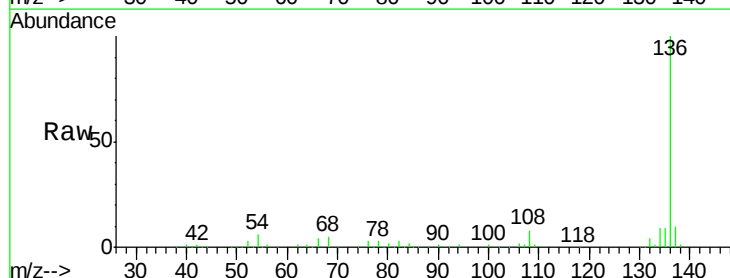
Ion Ratio Lower Upper

136 100

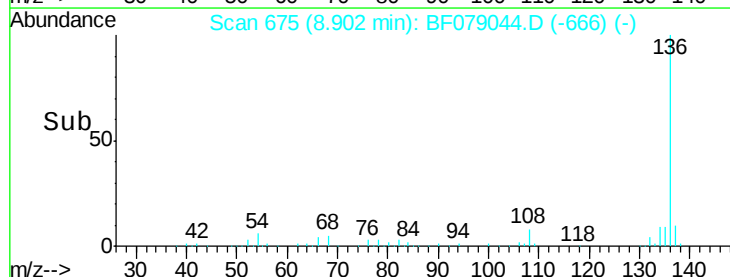
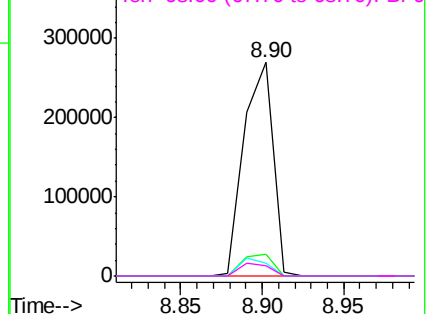
137 10.2 8.7 13.1

54 5.7 5.8 8.8#

68 4.7 4.2 6.4



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

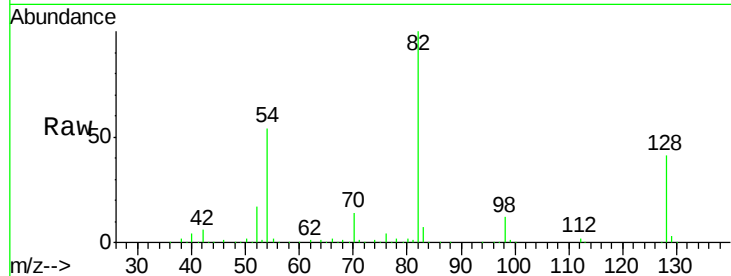




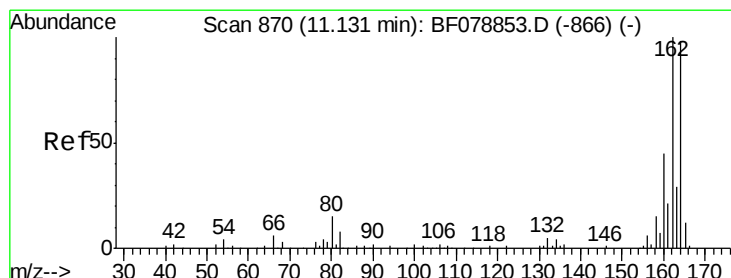
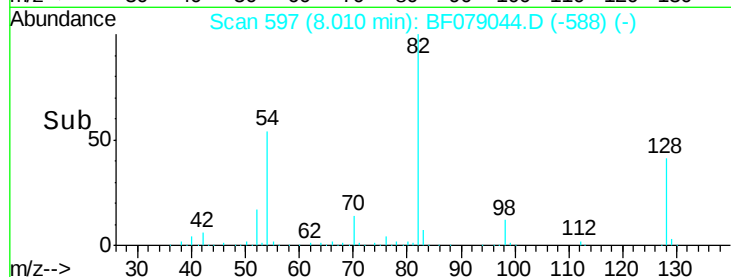
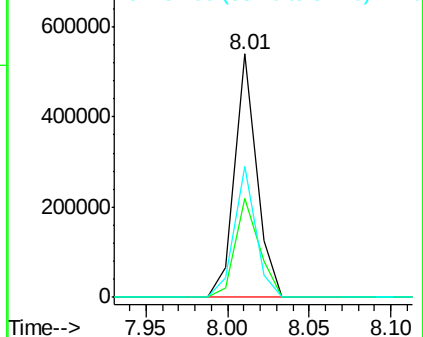
#23
 Nitrobenzene-d5
 Concen: 86.91 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079044.D
 Acq: 8 May 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BL

Tot Ion: 82 Resp: 503415
 Ion Ratio Lower Upper
 82 100
 128 40.9 30.0 45.0
 54 53.7 46.4 69.6

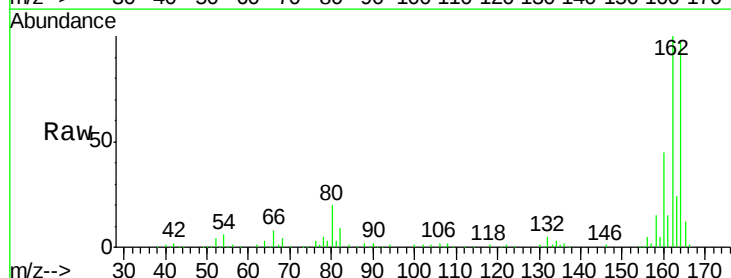


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

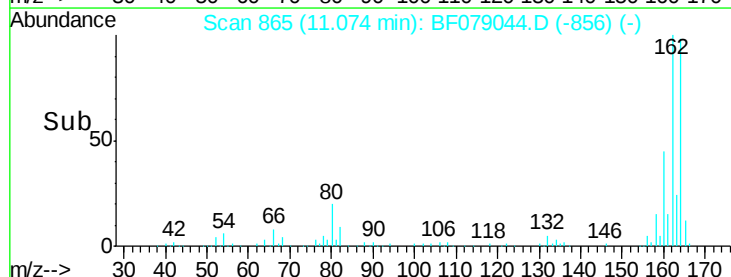
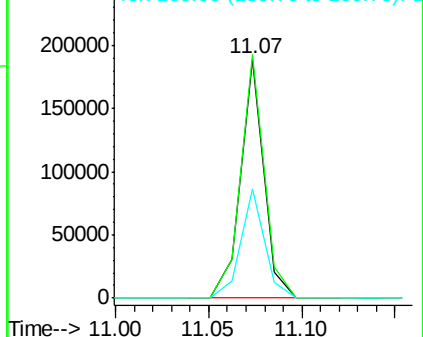


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079044.D
 Acq: 8 May 2015 18:16

Tgt Ion:164 Resp: 164969
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.7 124.1
 160 46.0 35.8 53.8



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

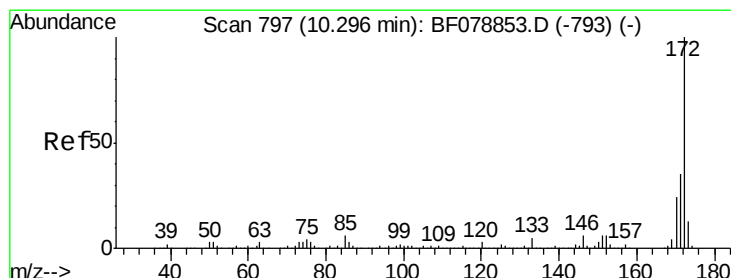
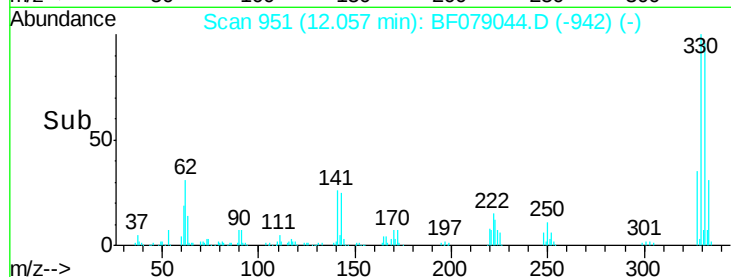
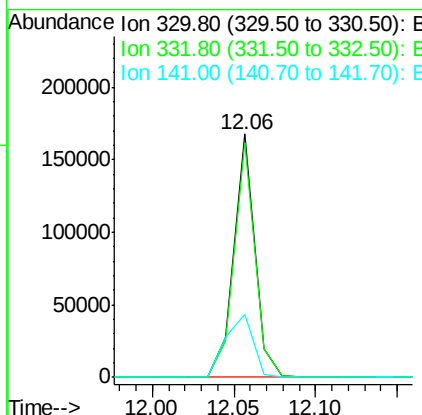
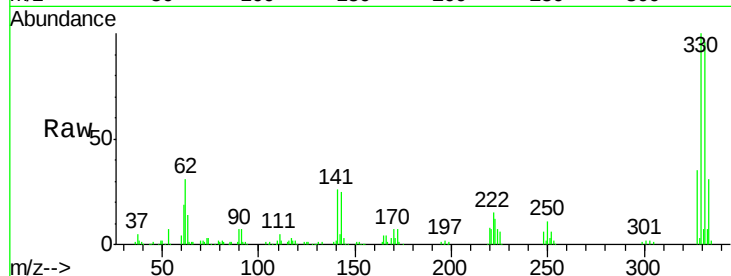




#41
 2,4,6-Tribromophenol
 Concen: 83.47 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079044.D
 Acq: 8 May 2015 18:16

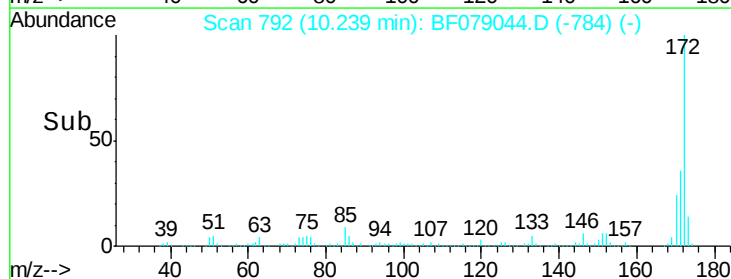
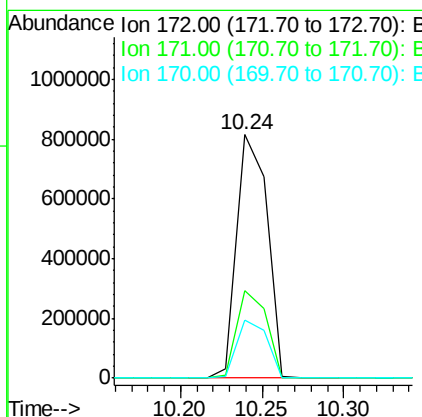
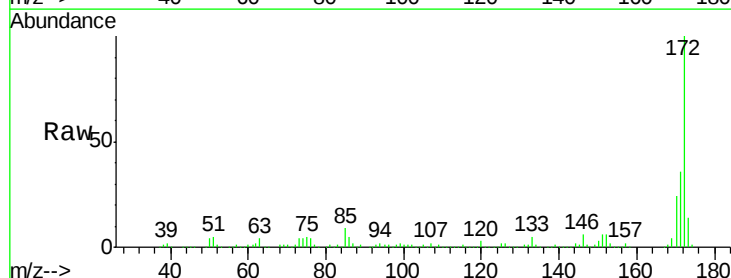
Instrument :
 BNA_F
 ClientSampleId :
 PB83253BL

Tot Ion:330 Resp: 148971
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 33.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 88.54 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF079044.D
 Acq: 8 May 2015 18:16

Tgt Ion:172 Resp: 1048400
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.9 41.9
 170 24.0 19.4 29.0

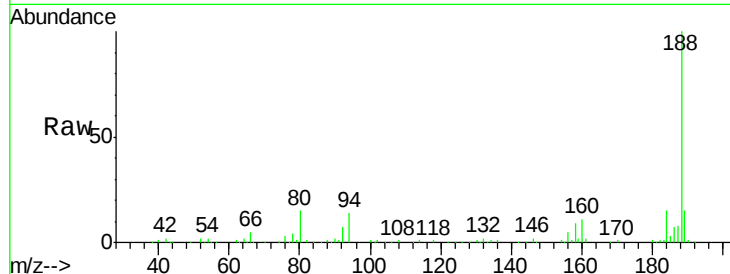




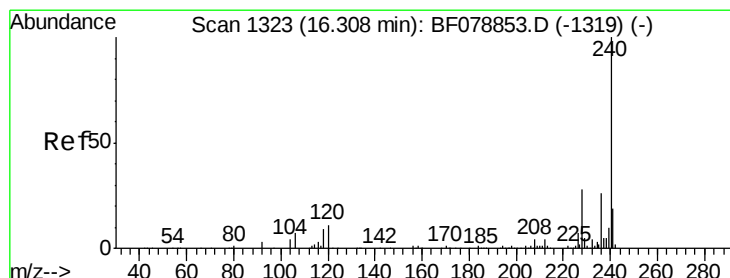
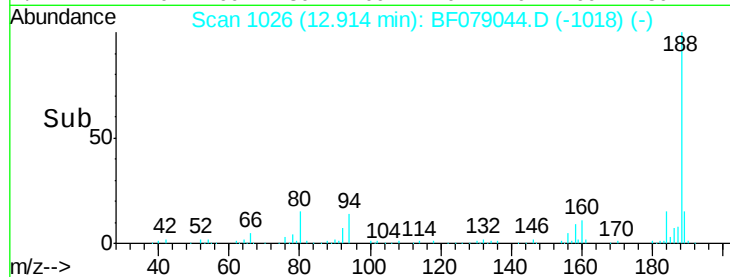
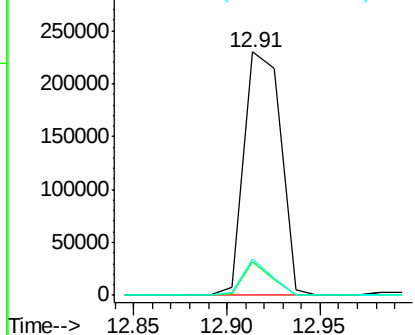
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF079044.D
Acq: 8 May 2015 18:16

Instrument :
BNA_F
ClientSampleId :
PB83253BL

Tot Ion:188 Resp: 313725
Ion Ratio Lower Upper
188 100
94 13.7 8.2 12.2#
80 14.9 8.9 13.3#

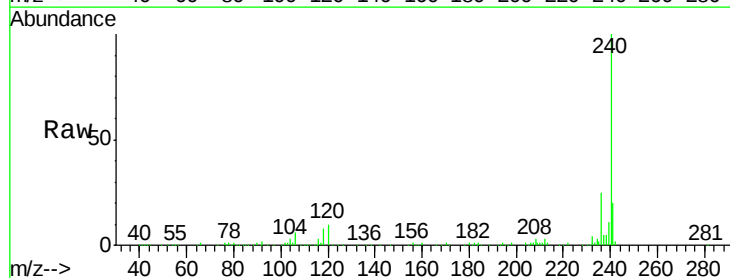


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

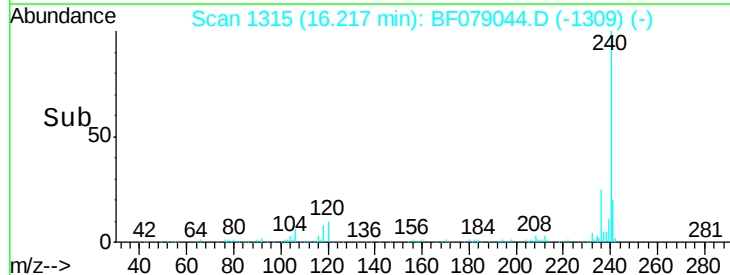
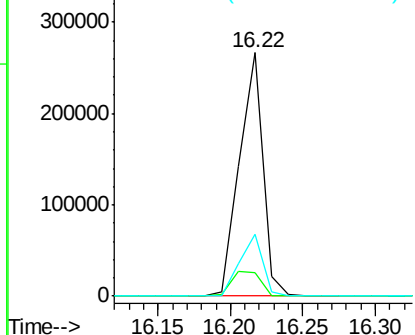


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BF079044.D
Acq: 8 May 2015 18:16

Tgt Ion:240 Resp: 300918
Ion Ratio Lower Upper
240 100
120 9.5 9.7 14.5#
236 25.5 20.2 30.4



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

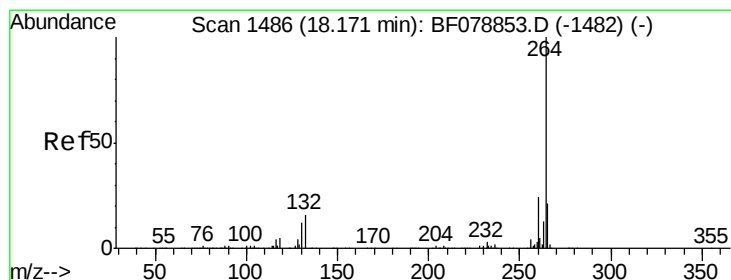
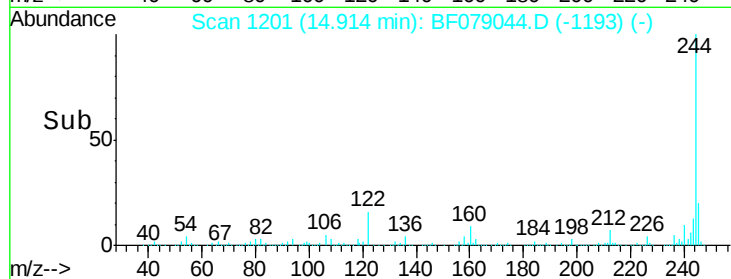
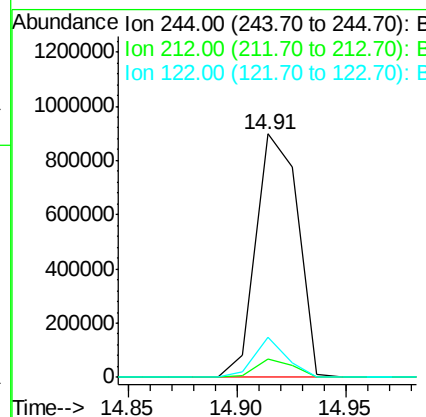
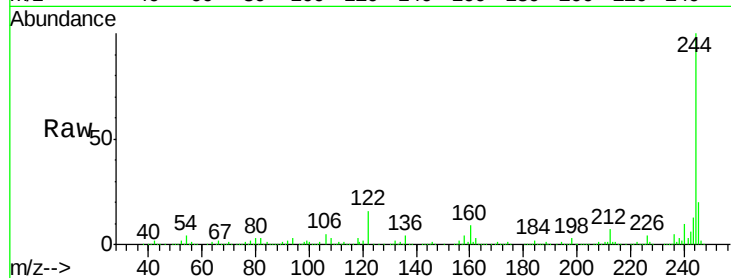




#78
 Terphenyl-d14
 Concen: 96.42 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF079044.D
 Acq: 8 May 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BL

Tot Ion:244 Resp: 1211856
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.6 8.4
 122 16.4 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.95 min Scan# 1467
 Delta R.T. -0.13 min
 Lab File: BF079044.D
 Acq: 8 May 2015 18:16

Tgt Ion:264 Resp: 297111
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.5 18.3 27.5

