

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079040.D
 Acq On : 8 May 2015 16:22
 Operator : TP/IZ
 Sample : PB83154BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83154BL

Quant Time: May 08 23:02:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 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	99180	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	406549	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	197961	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	379111	20.00	ng	0.00
75) Chrysene-d12	16.23	240	378965	20.00	ng	-0.02
86) Perylene-d12	18.05	264	380329	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	572693	99.40	ng	0.01
7) Phenol-d6	6.88	99	702063	92.18	ng	-0.01
23) Nitrobenzene-d5	8.01	82	395752	55.95	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	195227	91.16	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	789427	55.56	ng	-0.01
78) Terphenyl-d14	14.91	244	939860	59.38	ng	-0.01

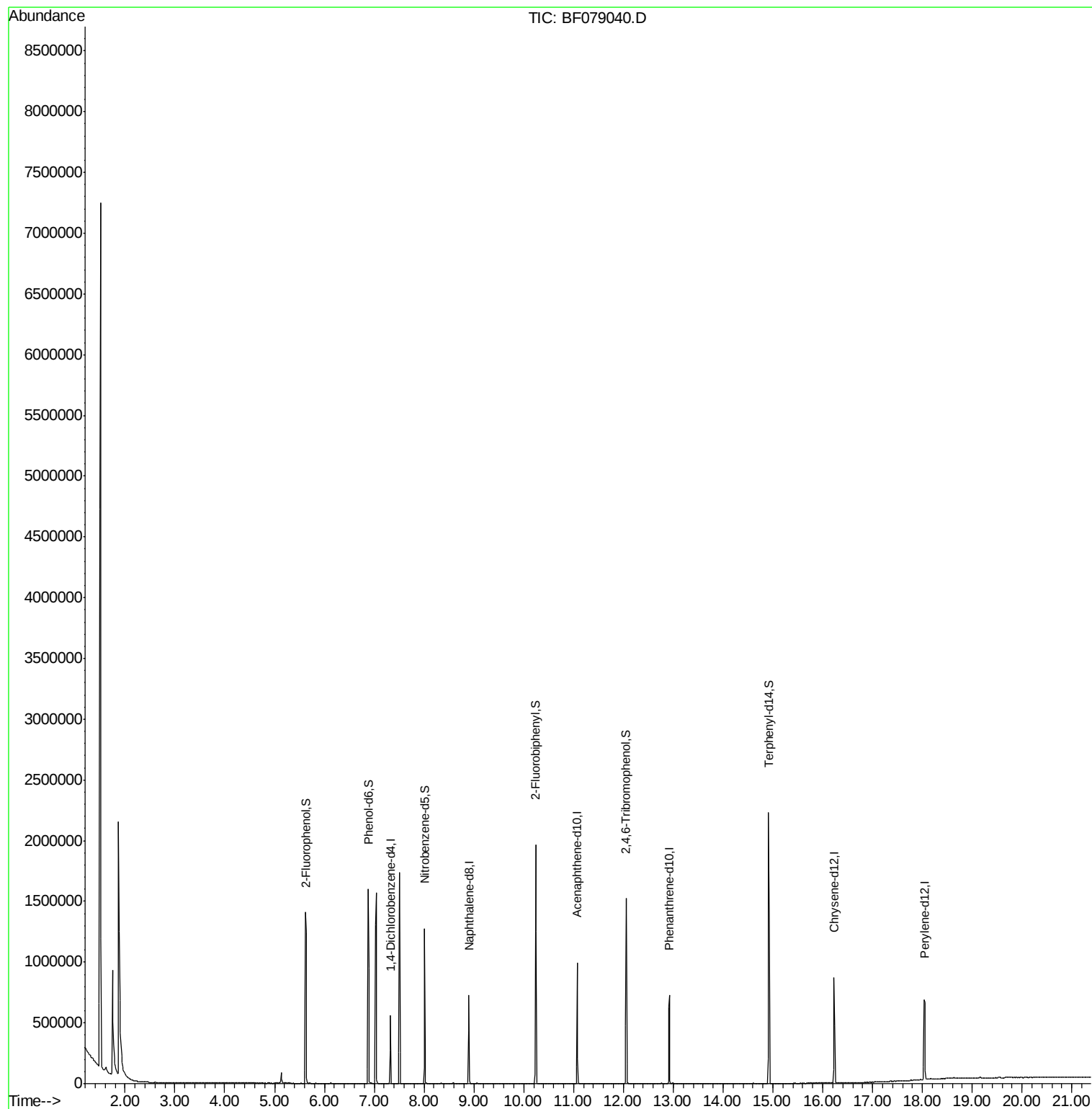
Target Compounds Qvalue

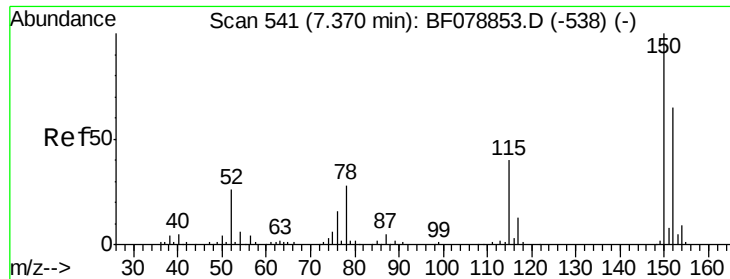
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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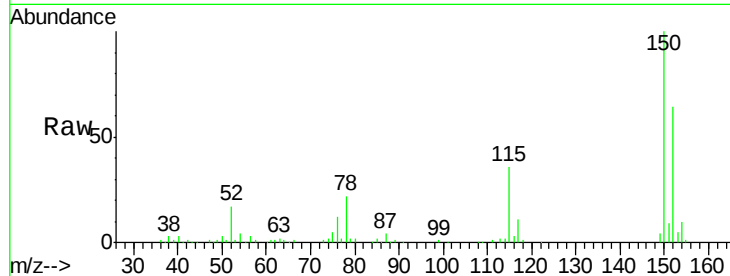


#1

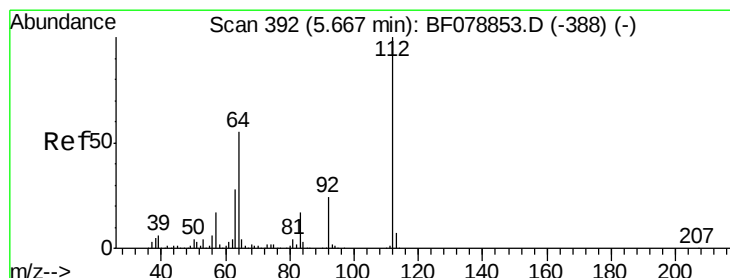
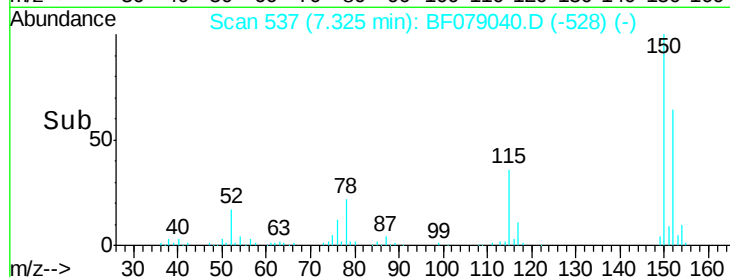
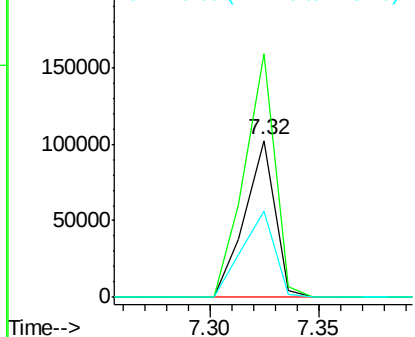
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079040.D
Acq: 8 May 2015 16:22

Instrument :
BNA_F
ClientSampleId :
PB83154BL

Tot Ion:152 Resp: 99180
Ion Ratio Lower Upper
152 100
150 155.3 122.0 183.0
115 55.2 46.3 69.5



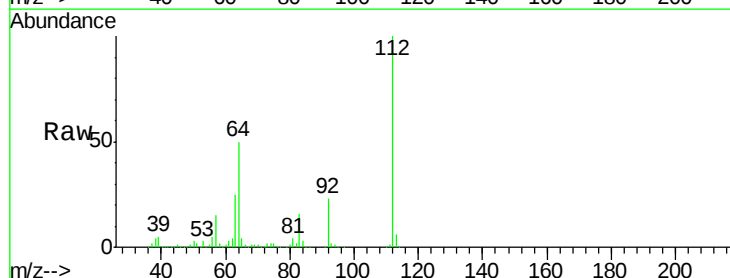
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



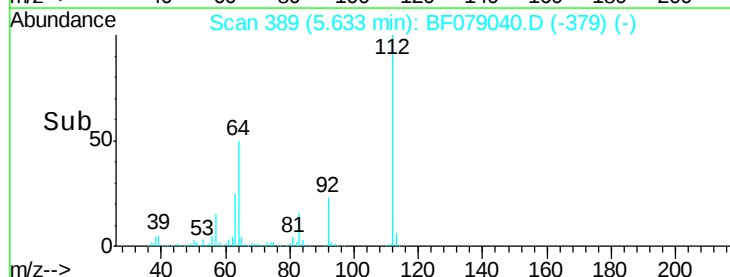
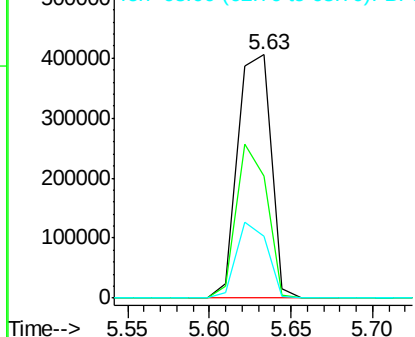
#5

2-Fluorophenol
Concen: 99.40 ng
RT: 5.63 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF079040.D
Acq: 8 May 2015 16:22

Tgt Ion:112 Resp: 572693
Ion Ratio Lower Upper
112 100
64 50.2 53.5 80.3#
63 25.3 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: 92.18 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF079040.D

Acq: 8 May 2015 16:22

Instrument :

BNA_F

ClientSampleId :

PB83154BL

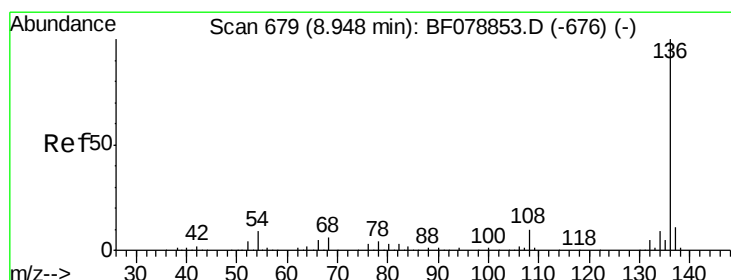
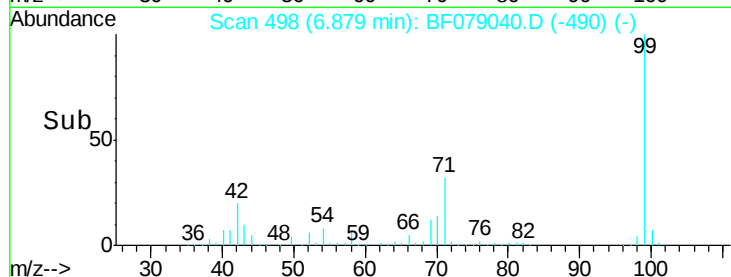
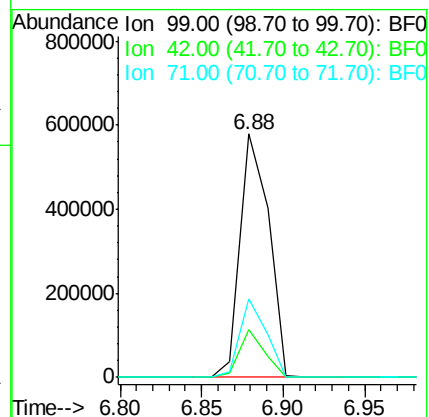
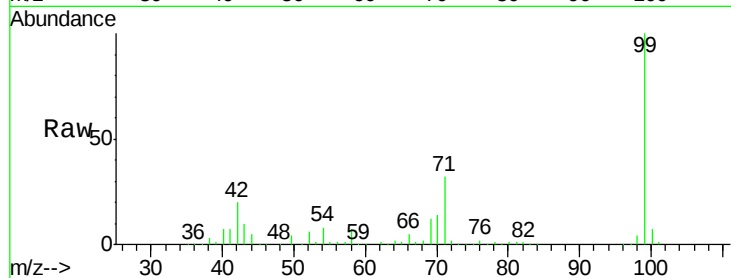
Tot Ion: 99 Resp: 702063

Ion Ratio Lower Upper

99 100

42 19.6 12.8 19.2#

71 32.3 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.90 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF079040.D

Acq: 8 May 2015 16:22

Tgt Ion: 136 Resp: 406549

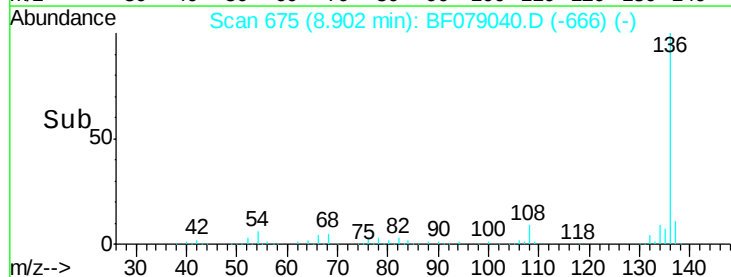
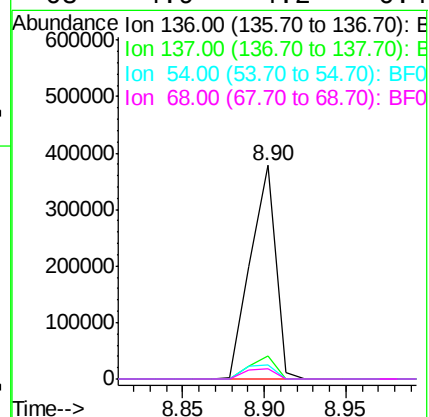
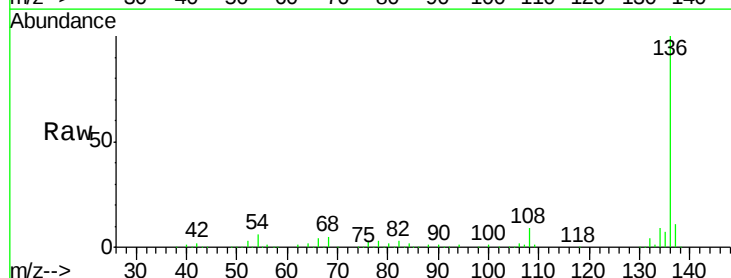
Ion Ratio Lower Upper

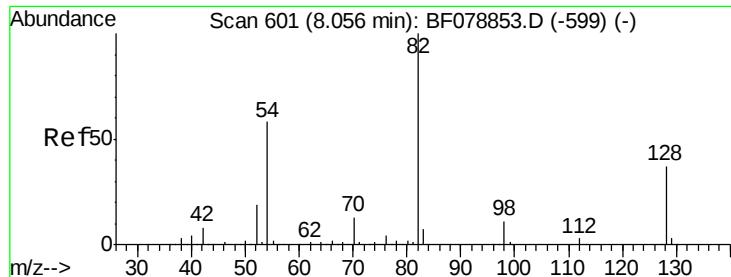
136 100

137 10.6 8.7 13.1

54 6.4 5.8 8.8

68 4.9 4.2 6.4





#23

Nitrobenzene-d5

Concen: 55.95 ng

RT: 8.01 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF079040.D

Acq: 8 May 2015 16:22

Instrument :

BNA_F

ClientSampled :

PB83154BL

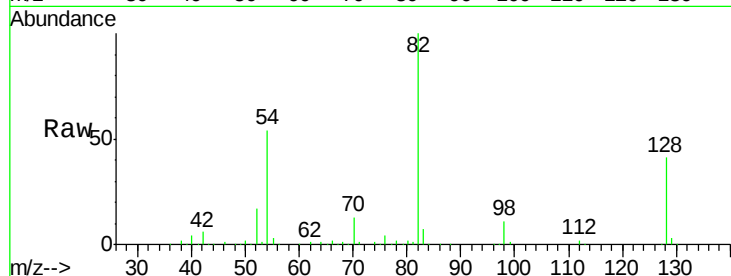
Tot Ion: 82 Resp: 395752

Ion Ratio Lower Upper

82 100

128 40.7 30.0 45.0

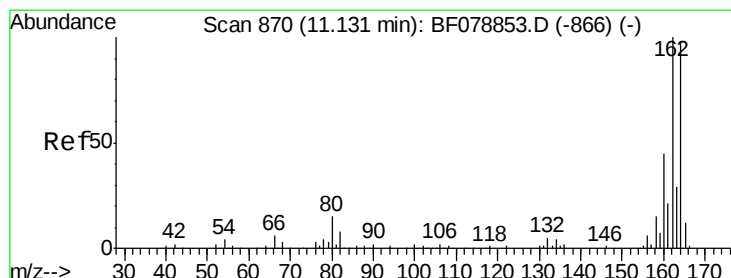
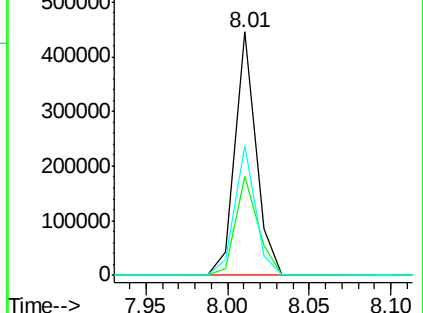
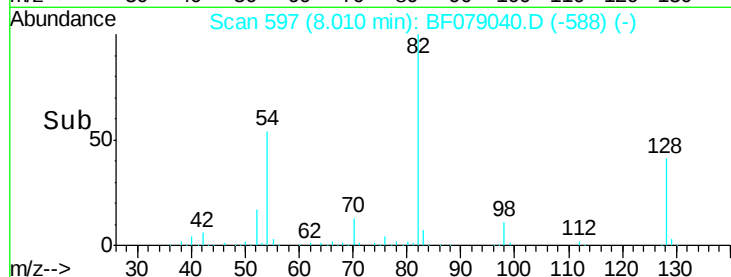
54 53.5 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF078853.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-599) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF079040.D

Acq: 8 May 2015 16:22

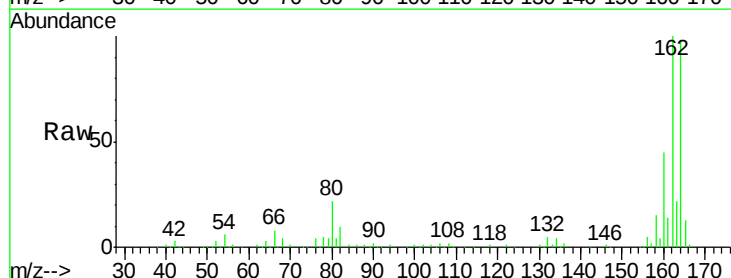
Tgt Ion: 164 Resp: 197961

Ion Ratio Lower Upper

164 100

162 101.8 82.7 124.1

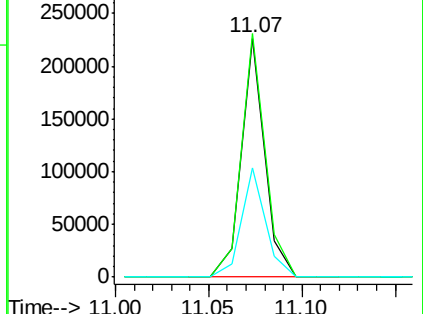
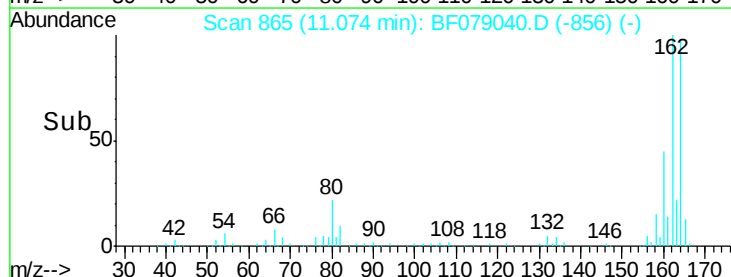
160 45.4 35.8 53.8

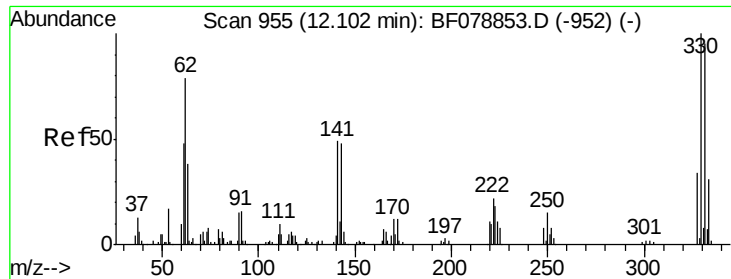


Abundance Ion 164.00 (163.70 to 164.70): BF078853.D (-866) (-)

Ion 162.00 (161.70 to 162.70): BF078853.D (-866) (-)

Ion 160.00 (159.70 to 160.70): BF078853.D (-866) (-)

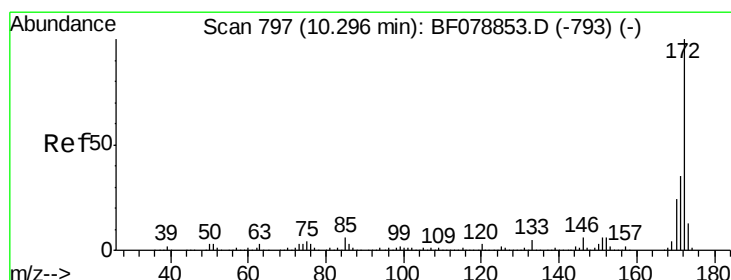
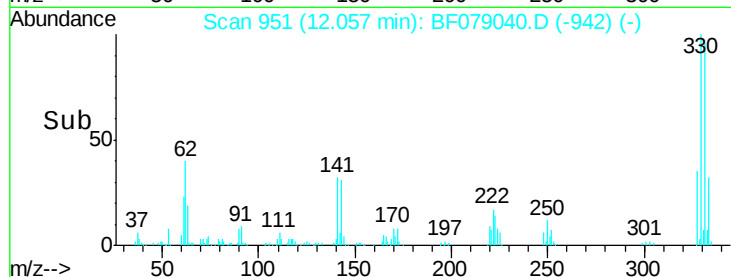
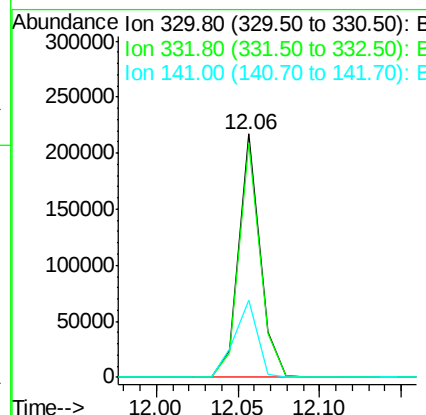
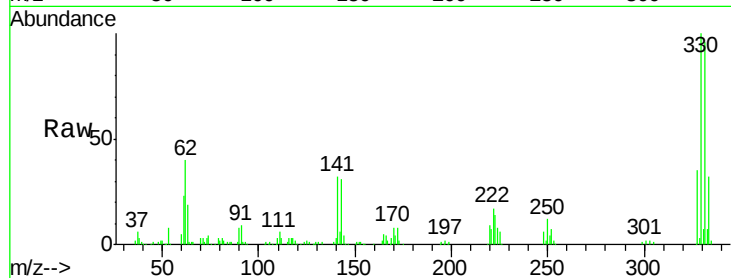




#41
 2,4,6-Tribromophenol
 Concen: 91.16 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079040.D
 Acq: 8 May 2015 16:22

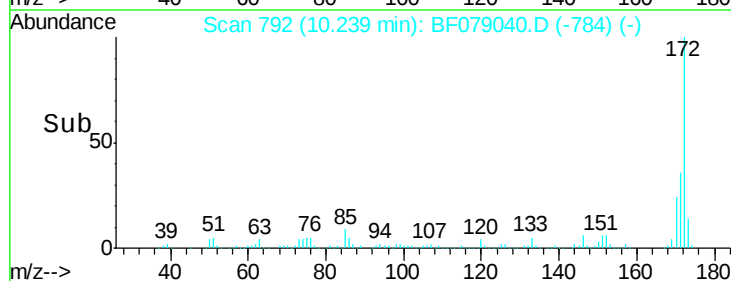
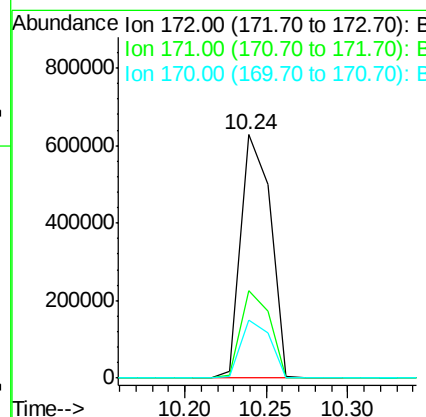
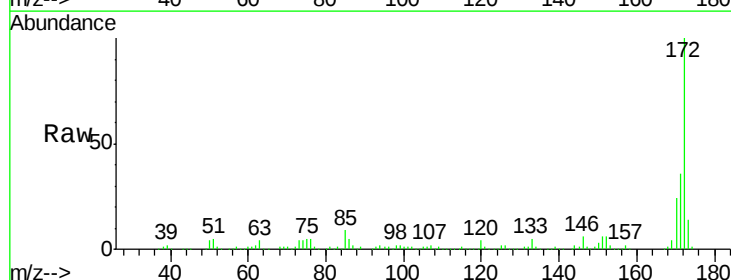
Instrument :
 BNA_F
 ClientSampleId :
 PB83154BL

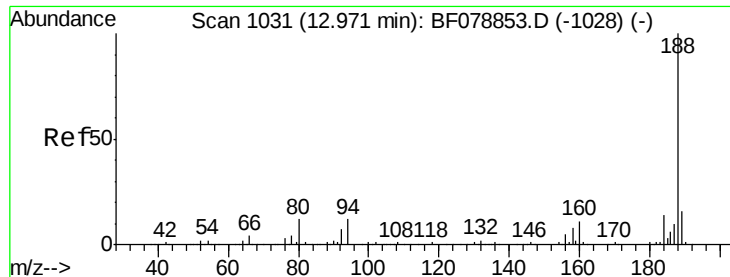
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	34.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 55.56 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF079040.D
 Acq: 8 May 2015 16:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	24.0	19.4	29.0

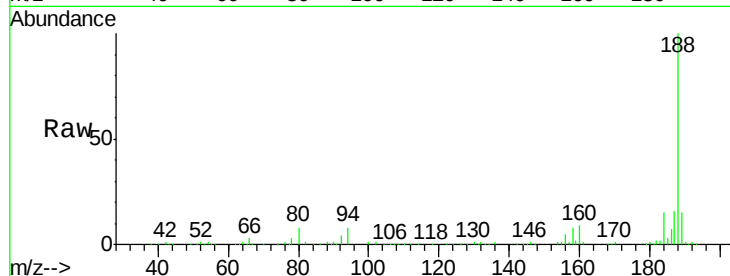




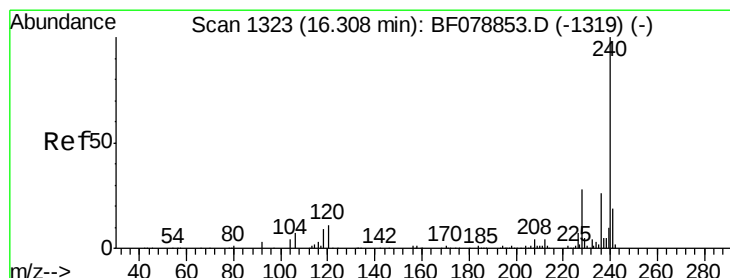
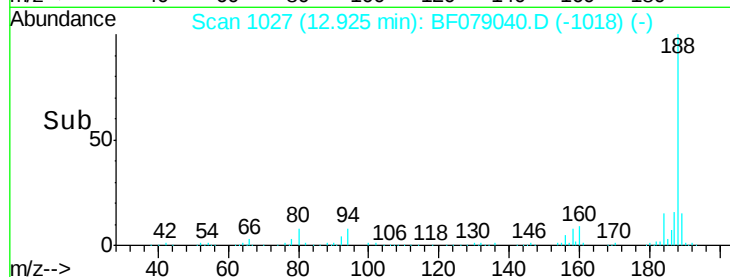
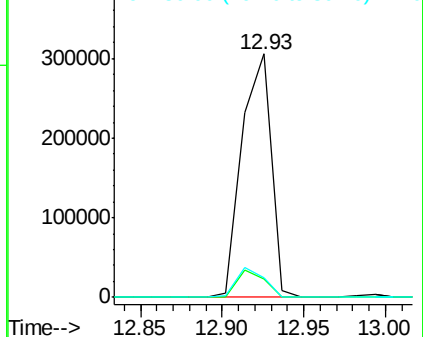
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF079040.D
Acq: 8 May 2015 16:22

Instrument :
BNA_F
ClientSampleId :
PB83154BL

Tot Ion:188 Resp: 379111
Ion Ratio Lower Upper
188 100
94 7.7 8.2 12.2#
80 8.0 8.9 13.3#

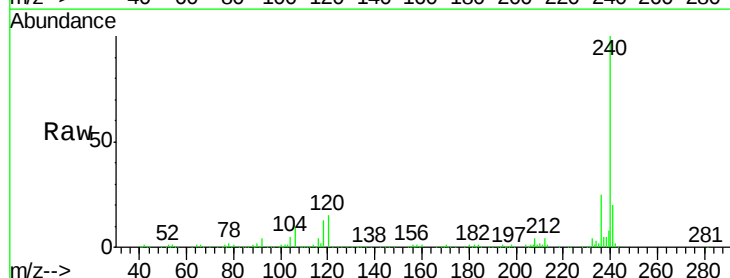


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

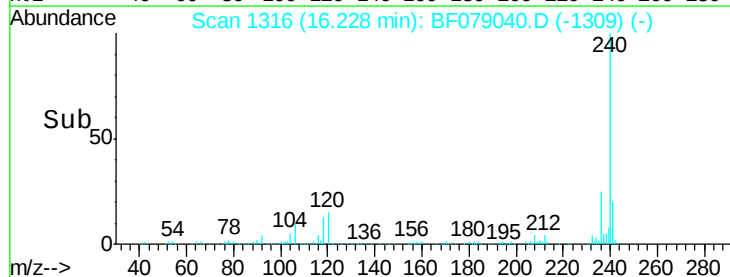
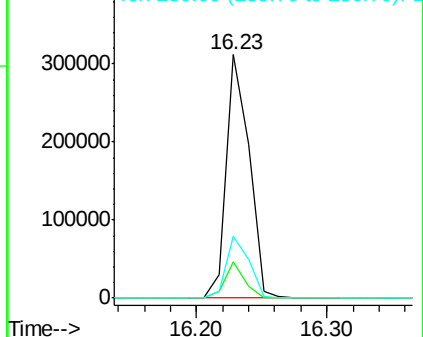


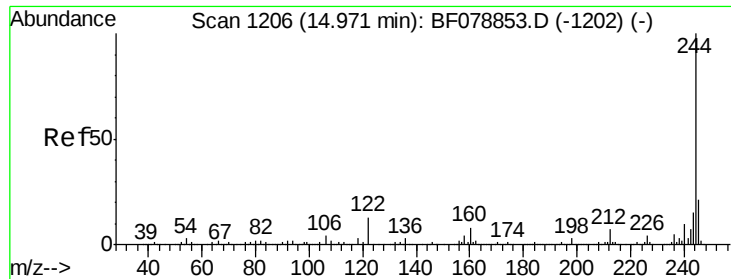
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF079040.D
Acq: 8 May 2015 16:22

Tgt Ion:240 Resp: 378965
Ion Ratio Lower Upper
240 100
120 15.1 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

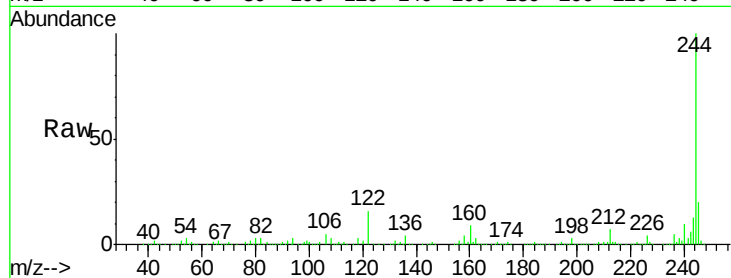




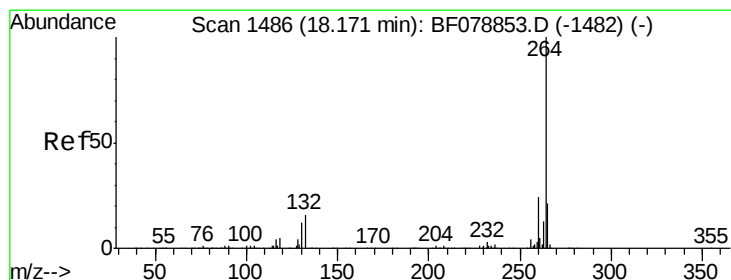
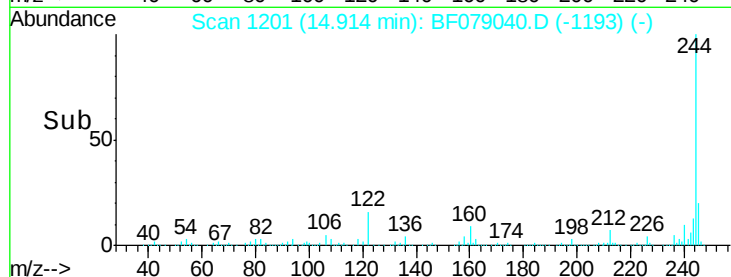
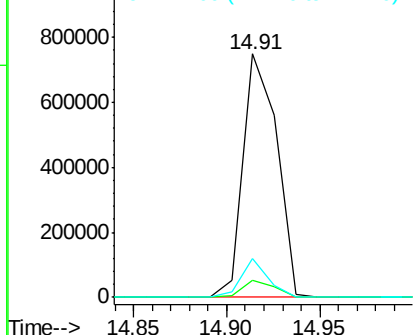
#78
 Terphenyl-d14
 Concen: 59.38 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF079040.D
 Acq: 8 May 2015 16:22

Instrument :
 BNA_F
 ClientSampled :
 PB83154BL

Tot Ion:244 Resp: 939860
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 16.1 10.3 15.5#

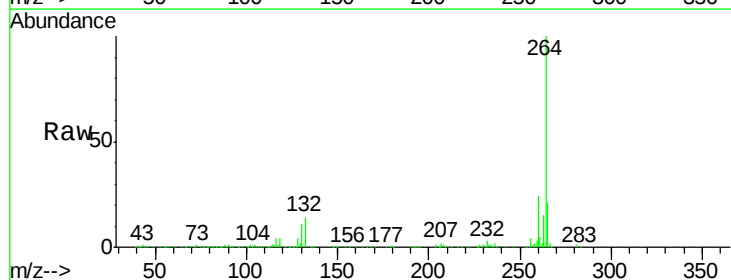


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.05 min Scan# 1475
 Delta R.T. -0.03 min
 Lab File: BF079040.D
 Acq: 8 May 2015 16:22

Tgt Ion:264 Resp: 380329
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.3 18.3 27.5



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

