

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079342.D
 Acq On : 19 May 2015 15:20
 Operator : TP/IZ
 Sample : PB83467BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83467BL

Quant Time: May 20 05:25:59 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 00:50:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	43162	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	173579	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	85774	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	170067	20.00	ng	0.00
75) Chrysene-d12	16.02	240	177644	20.00	ng	0.00
86) Perylene-d12	17.84	264	189620	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	318463m	127.01	ng	0.00
7) Phenol-d6	6.70	99	386374	116.58	ng	-0.01
23) Nitrobenzene-d5	7.82	82	220838	73.12	ng	-0.01
41) 2,4,6-Tribromophenol	11.86	330	121332	130.76	ng	0.00
44) 2-Fluorobiphenyl	10.06	172	468703	76.13	ng	0.00
78) Terphenyl-d14	14.72	244	578843	78.01	ng	0.00

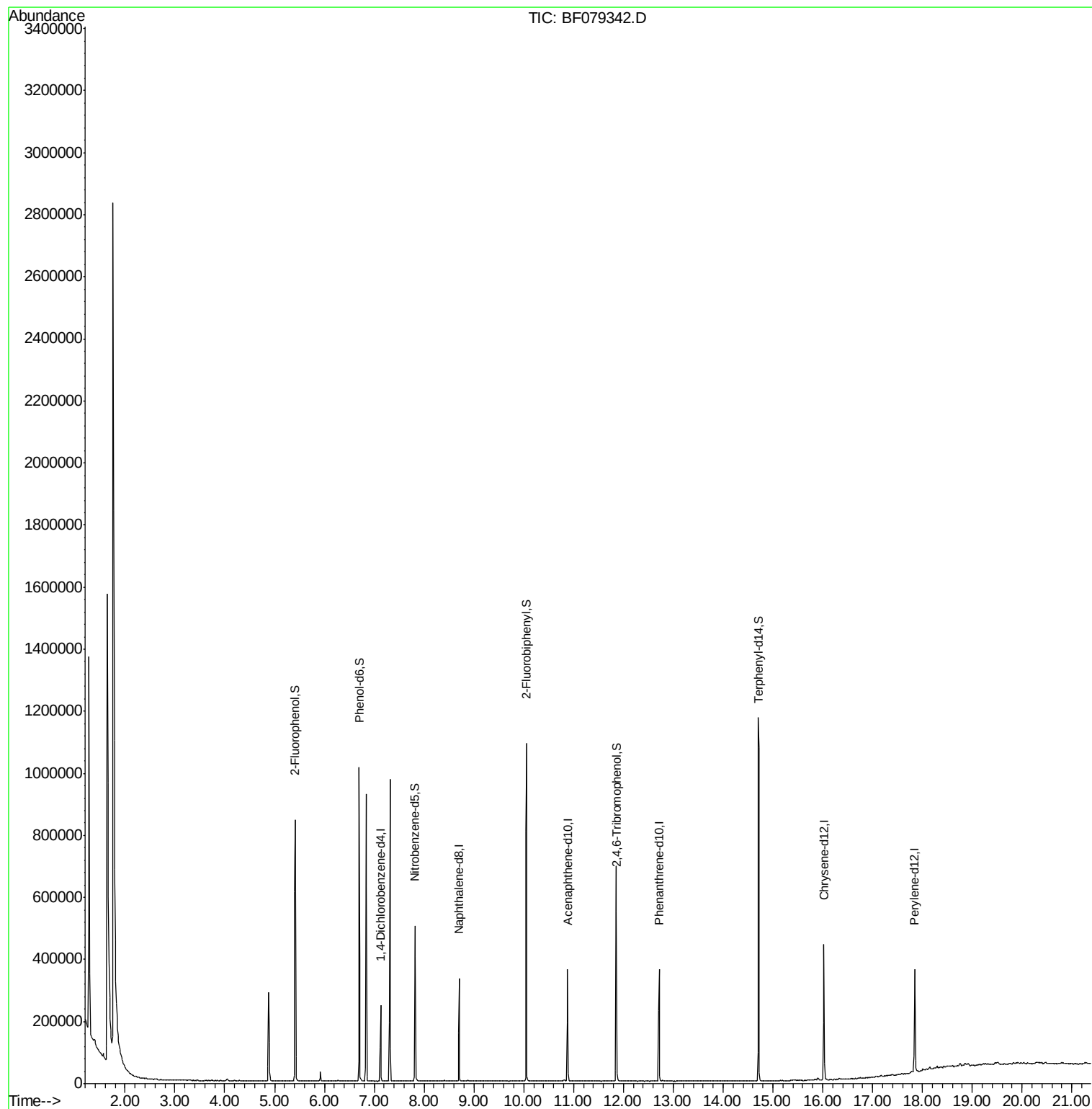
Target Compounds Qvalue

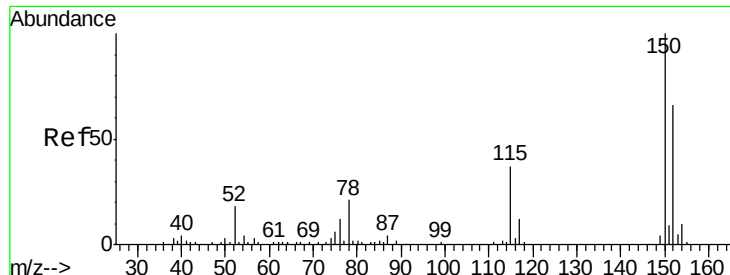
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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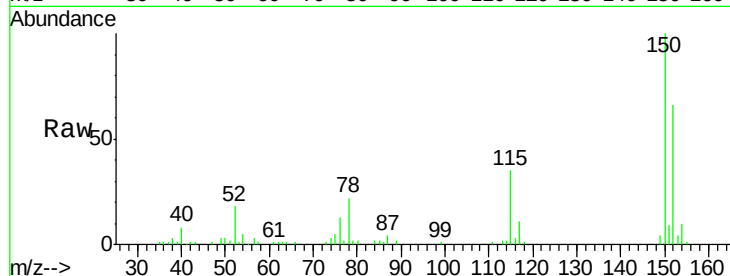




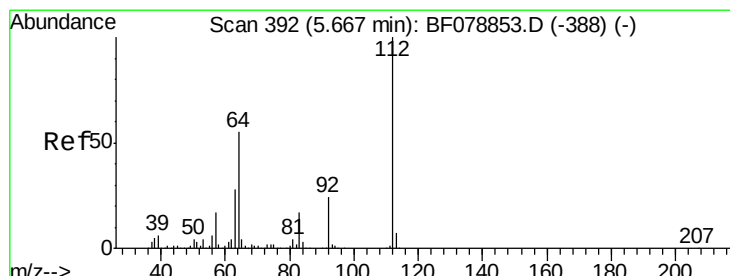
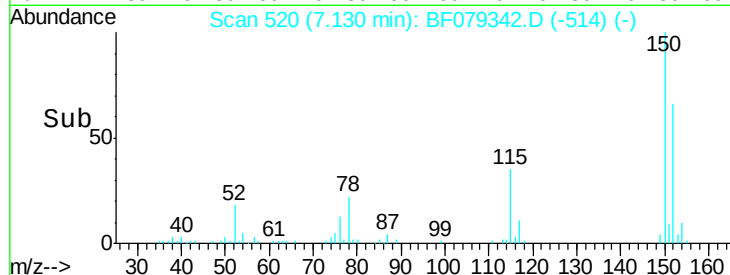
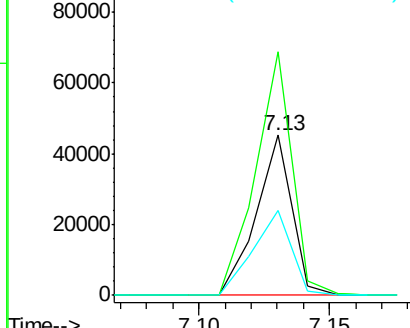
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079342.D
 Acq: 19 May 2015 15:20

Instrument :
 BNA_F
 ClientSampleID :
 PB83467BL

Tot Ion:	152	Resp:	43162
Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.8	185.8
115	53.1	49.4	74.0

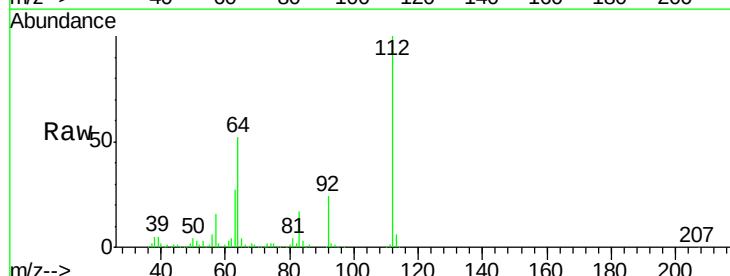


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

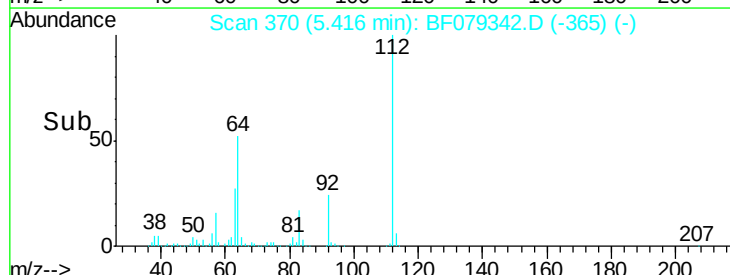
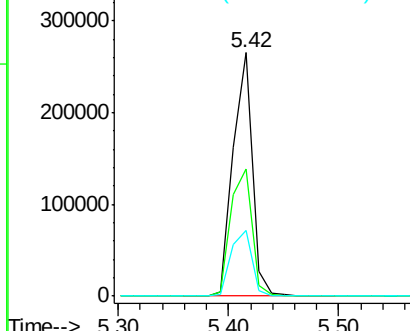


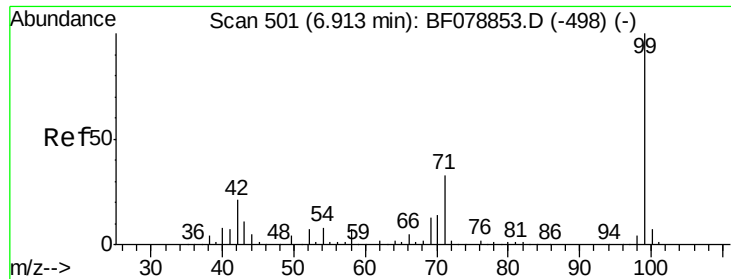
#5
 2-Fluorophenol
 Concen: 127.01 ng m
 RT: 5.42 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF079342.D
 Acq: 19 May 2015 15:20

Tgt Ion:	112	Resp:	318463
Ion	Ratio	Lower	Upper
112	100		
64	52.4	44.2	66.2
63	27.0	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: 116.58 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF079342.D

Acq: 19 May 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB83467BL

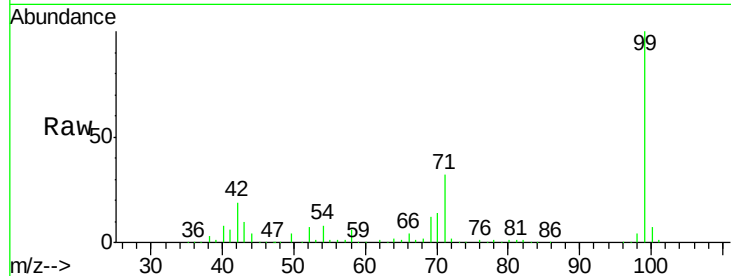
Tot Ion: 99 Resp: 386374

Ion Ratio Lower Upper

99 100

42 19.3 17.1 25.7

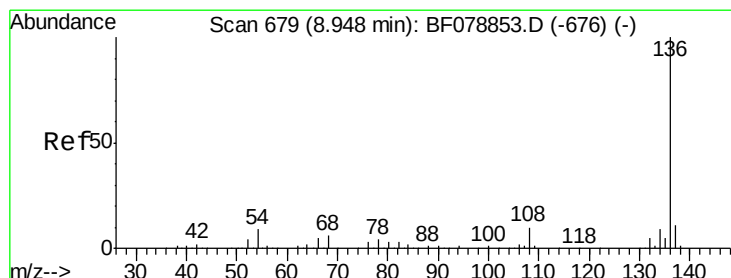
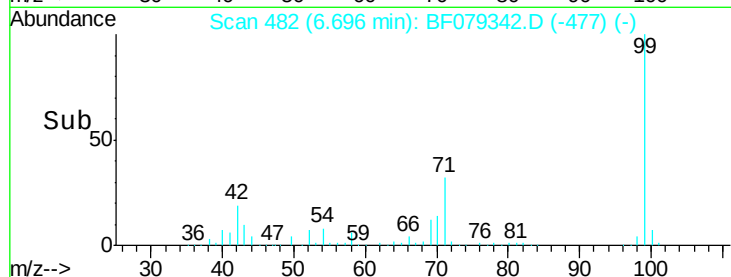
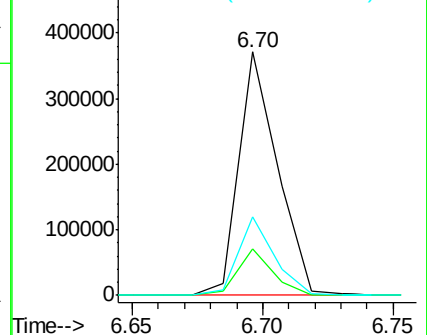
71 32.1 26.3 39.5



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: BF079342.D

Acq: 19 May 2015 15:20

Tgt Ion: 136 Resp: 173579

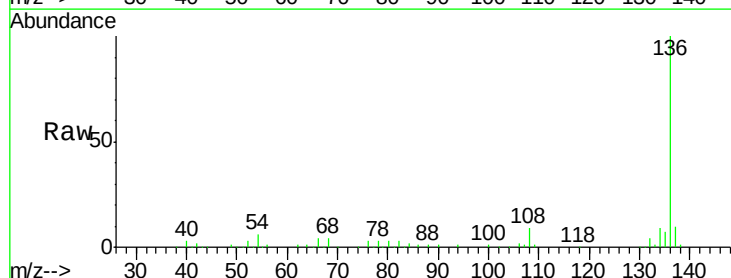
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 6.1 6.9 10.3#

68 4.5 4.9 7.3#

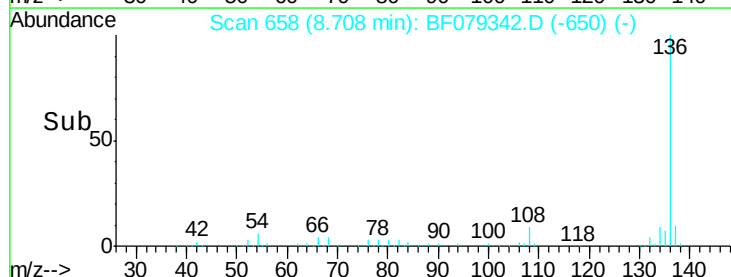
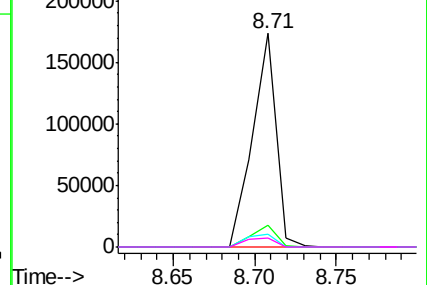


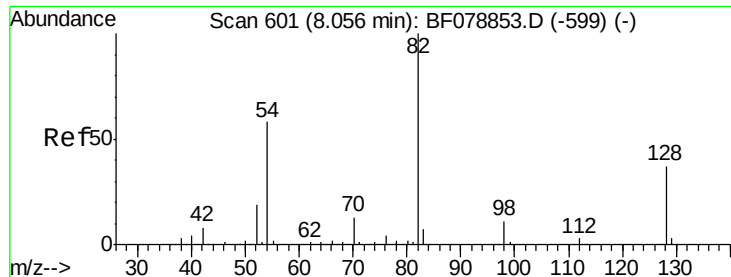
Abundance Ion 136.00 (135.70 to 136.70): E

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

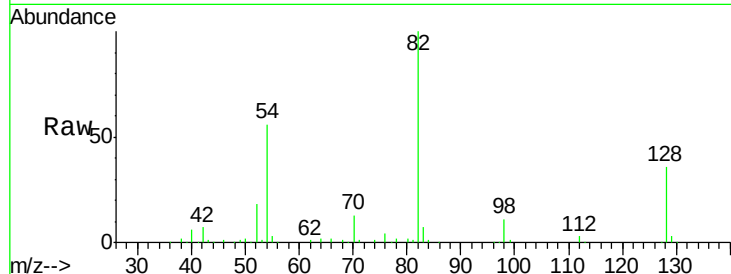




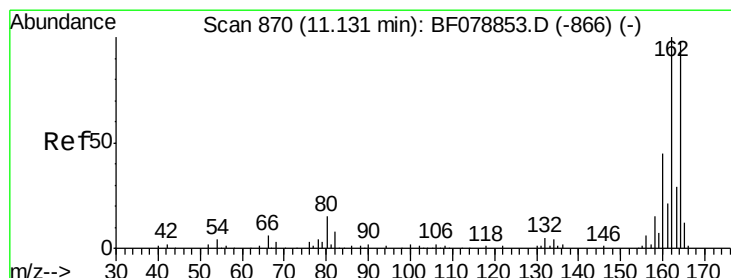
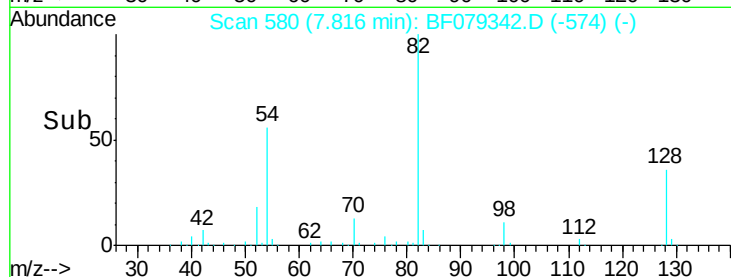
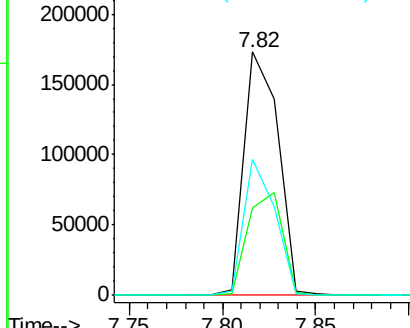
#23
 Nitrobenzene-d5
 Concen: 73.12 ng
 RT: 7.82 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF079342.D
 Acq: 19 May 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB83467BL

Tot Ion: 82 Resp: 220838
 Ion Ratio Lower Upper
 82 100
 128 35.8 29.7 44.5
 54 56.1 46.2 69.4

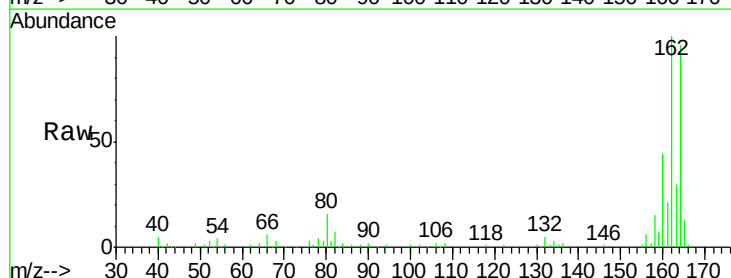


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

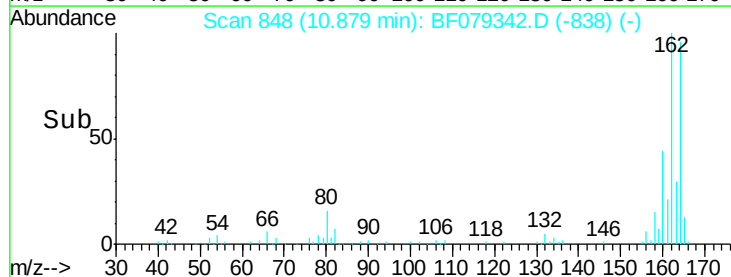
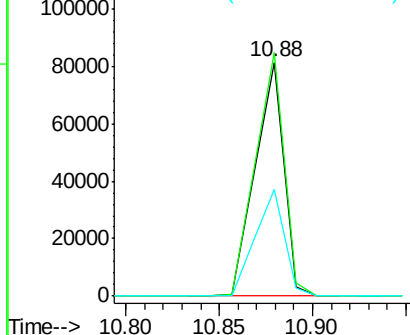


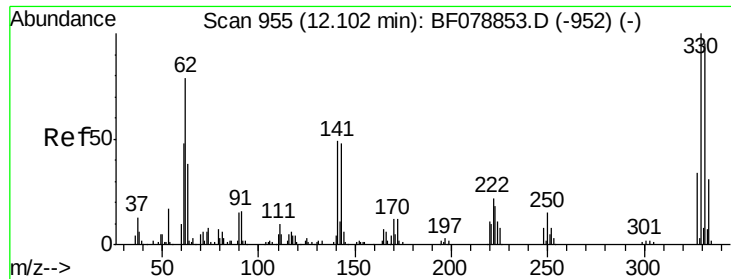
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF079342.D
 Acq: 19 May 2015 15:20

Tgt Ion:164 Resp: 85774
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.4 122.0
 160 45.5 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

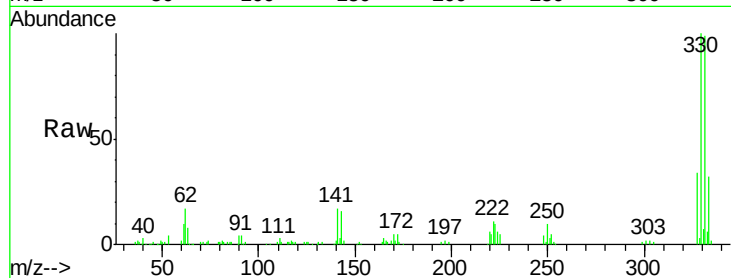




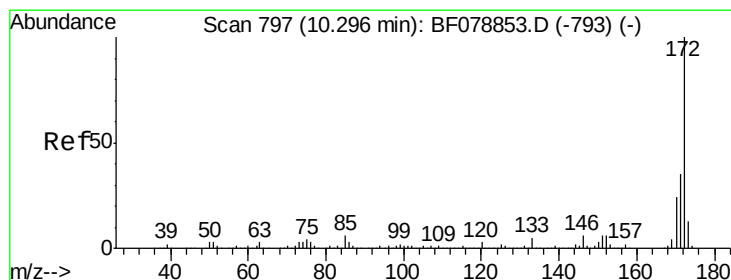
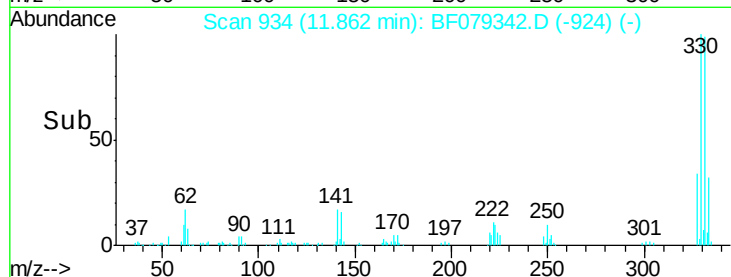
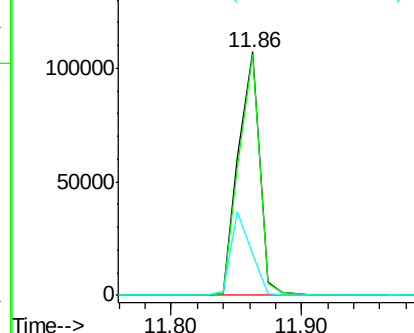
#41
 2,4,6-Tribromophenol
 Concen: 130.76 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF079342.D
 Acq: 19 May 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB83467BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	32.9	27.8	41.8

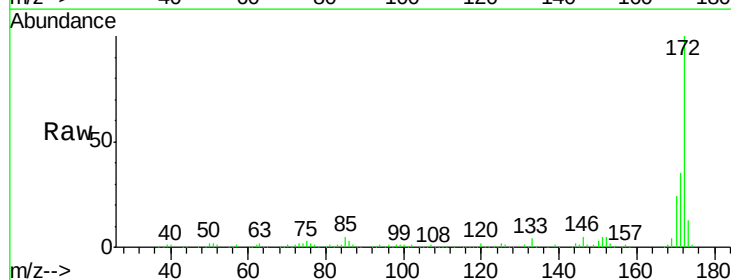


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

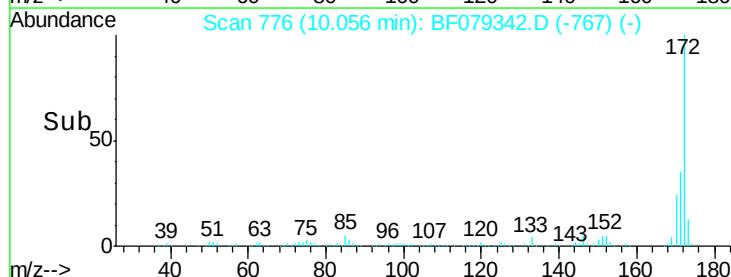
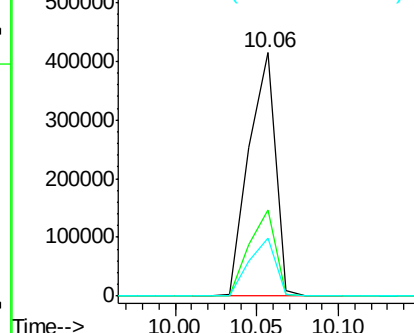


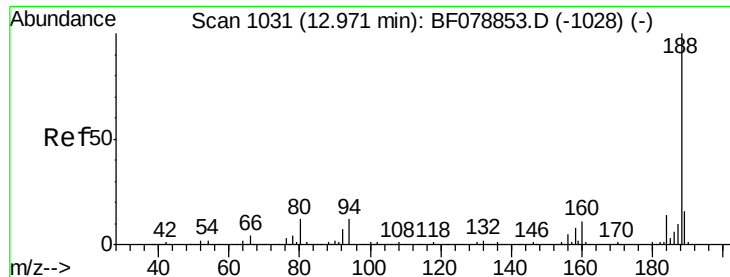
#44
 2-Fluorobiphenyl
 Concen: 76.13 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079342.D
 Acq: 19 May 2015 15:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	24.0	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

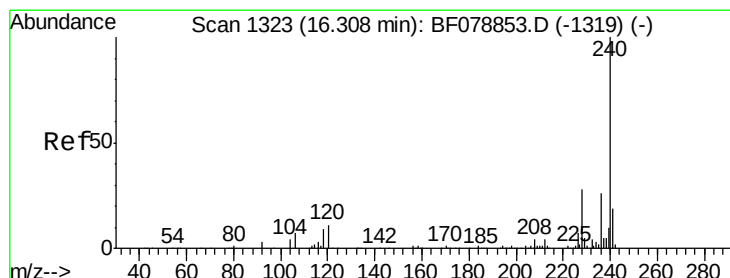
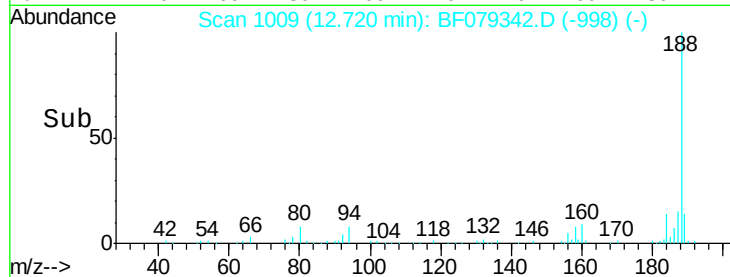
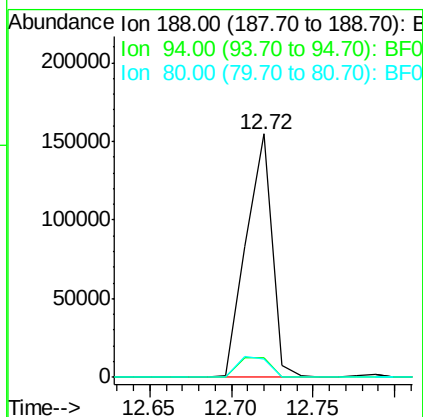
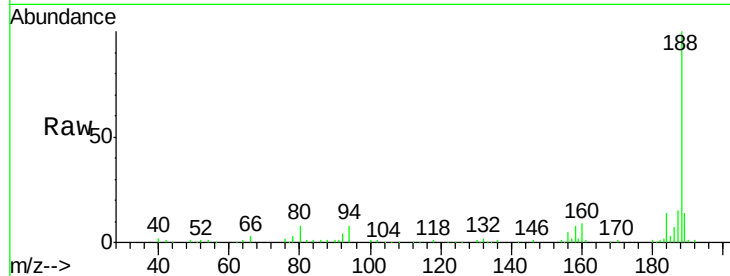




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.72 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF079342.D
Acq: 19 May 2015 15:20

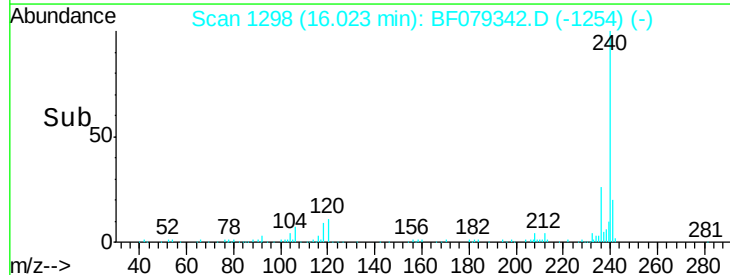
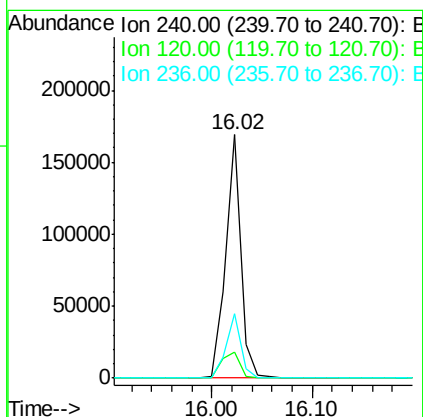
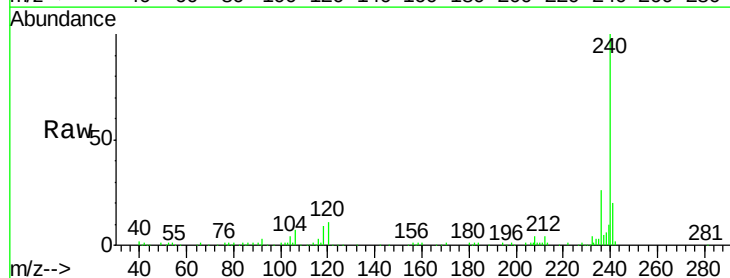
Instrument :
BNA_F
ClientSampled :
PB83467BL

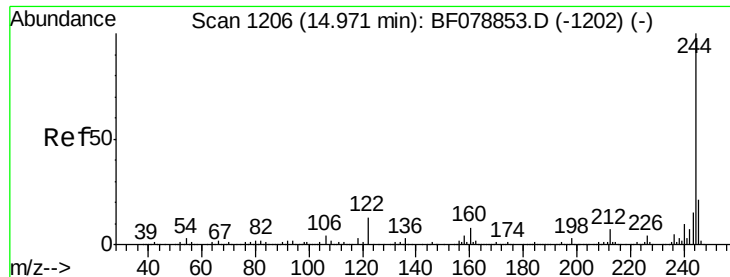
Tot Ion:188 Resp: 170067
Ion Ratio Lower Upper
188 100
94 8.0 9.4 14.0#
80 7.6 9.8 14.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF079342.D
Acq: 19 May 2015 15:20

Tgt Ion:240 Resp: 177644
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 26.2 21.0 31.6





#78

Terphenyl-d14

Concen: 78.01 ng

RT: 14.72 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF079342.D

Acq: 19 May 2015 15:20

Instrument :

BNA_F

ClientSampled :

PB83467BL

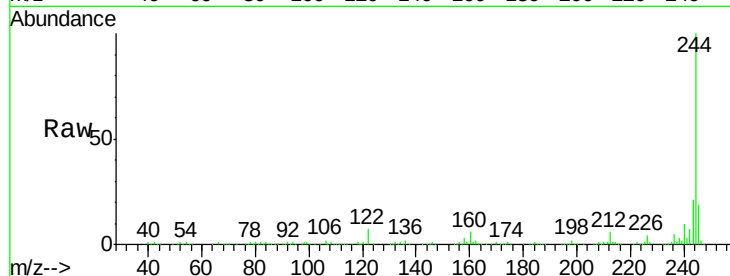
Tot Ion:244 Resp: 578843

Ion Ratio Lower Upper

244 100

212 5.8 5.6 8.4

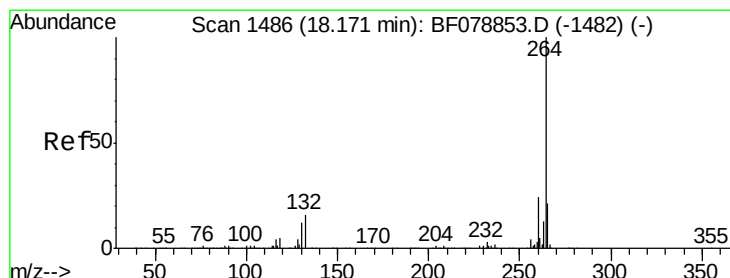
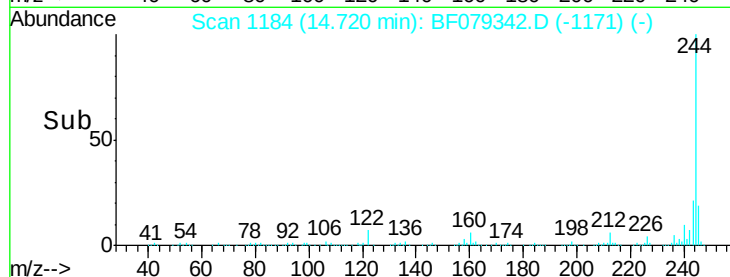
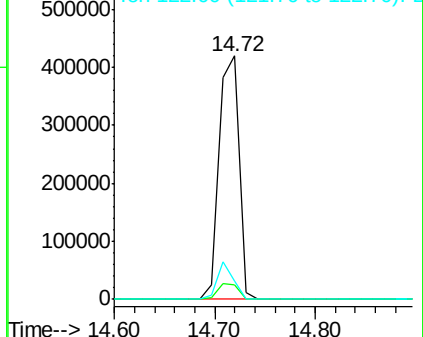
122 7.4 10.5 15.7#



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

Perylene-d12

Concen: 20.00 ng

RT: 17.84 min Scan# 1457

Delta R.T. 0.02 min

Lab File: BF079342.D

Acq: 19 May 2015 15:20

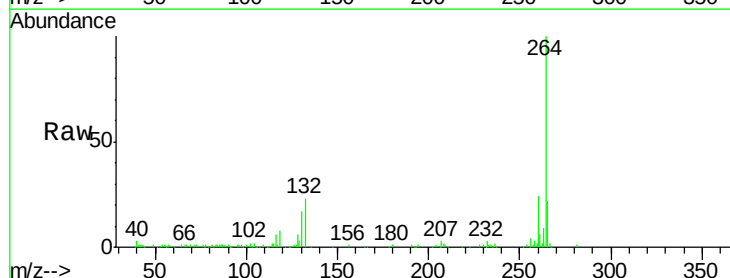
Tgt Ion:264 Resp: 189620

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.0 17.2 25.8



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

