

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078902.D
 Acq On : 1 May 2015 19:46
 Operator : TP/IZ
 Sample : PB83092BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83092BL

Quant Time: May 01 23:12:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	71657	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	293241	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	140018	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	281919	20.00	ng	0.00
75) Chrysene-d12	16.25	240	278369	20.00	ng	-0.03
86) Perylene-d12	18.01	264	278728	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	506885	121.77	ng	0.00
7) Phenol-d6	6.90	99	615425	111.84	ng	0.00
23) Nitrobenzene-d5	8.04	82	371186	72.75	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	191758	126.60	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	767884	76.41	ng	0.00
78) Terphenyl-d14	14.96	244	963114	82.83	ng	0.00

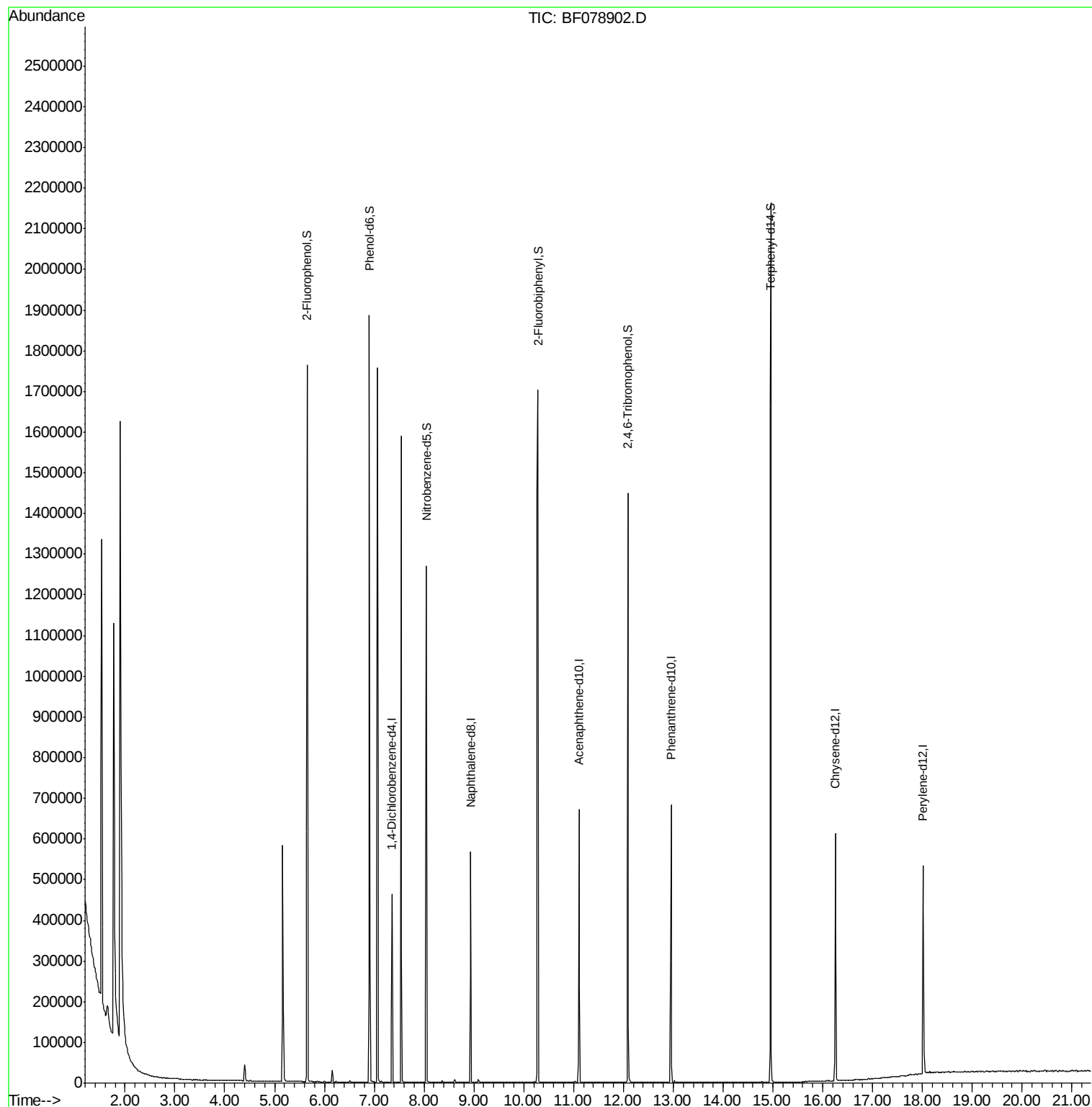
Target Compounds Qvalue

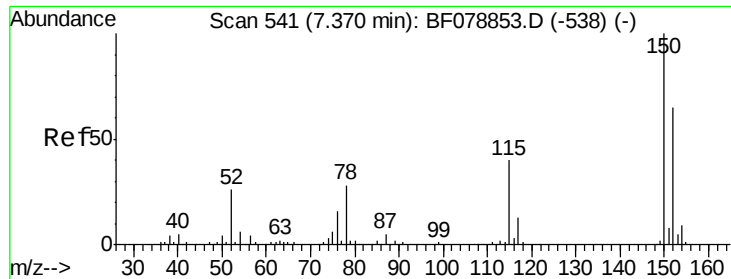
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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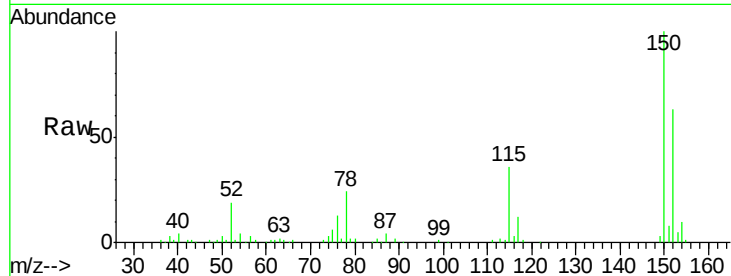


#1

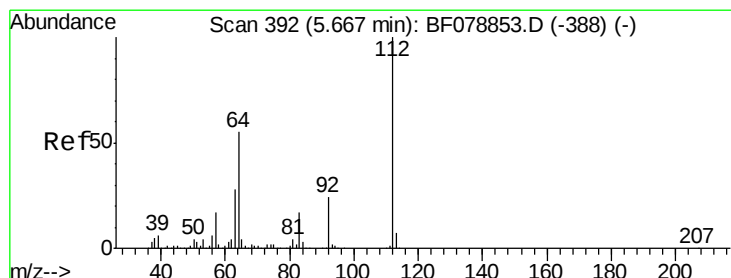
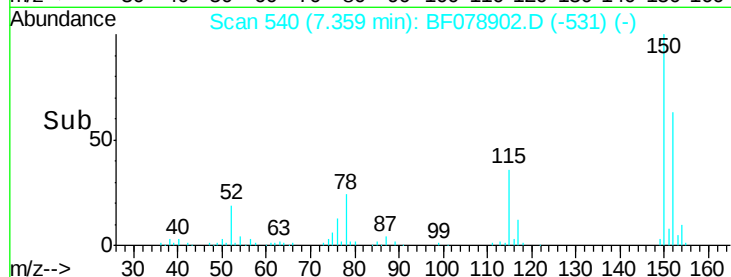
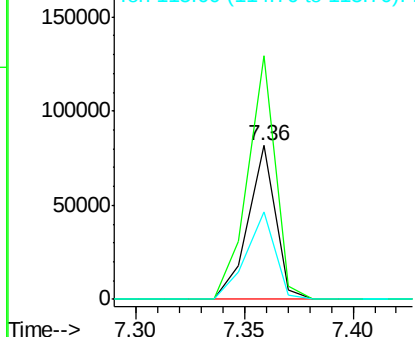
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078902.D
Acq: 1 May 2015 19:46

Instrument :
BNA_F
ClientSampleId :
PB83092BL

Tot Ion:152 Resp: 71657
Ion Ratio Lower Upper
152 100
150 158.2 122.0 183.0
115 56.5 46.3 69.5



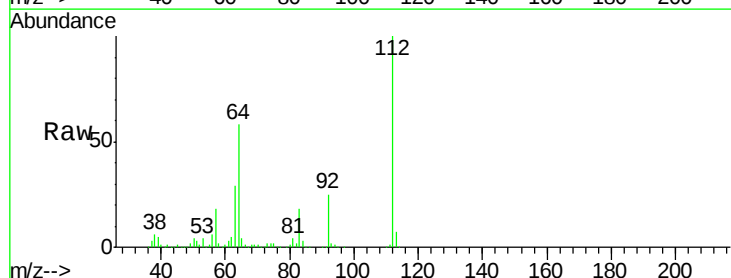
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



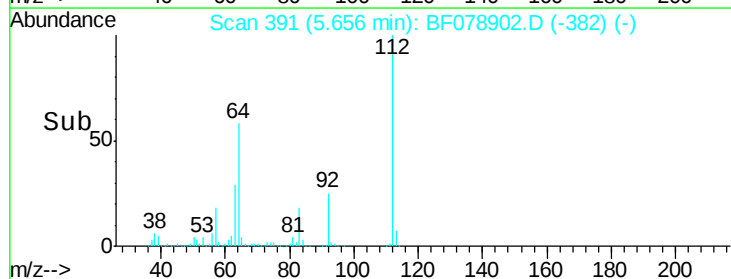
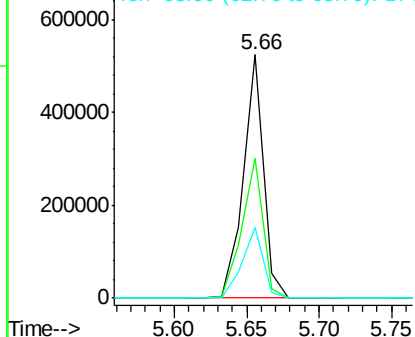
#5

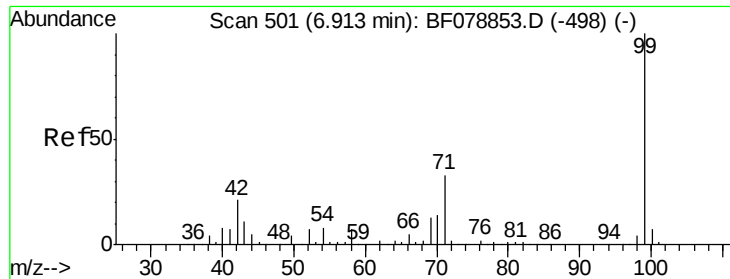
2-Fluorophenol
Concen: 121.77 ng
RT: 5.66 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF078902.D
Acq: 1 May 2015 19:46

Tgt Ion:112 Resp: 506885
Ion Ratio Lower Upper
112 100
64 57.7 53.5 80.3
63 29.3 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: 111.84 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078902.D

Acq: 1 May 2015 19:46

Instrument :

BNA_F

ClientSampleId :

PB83092BL

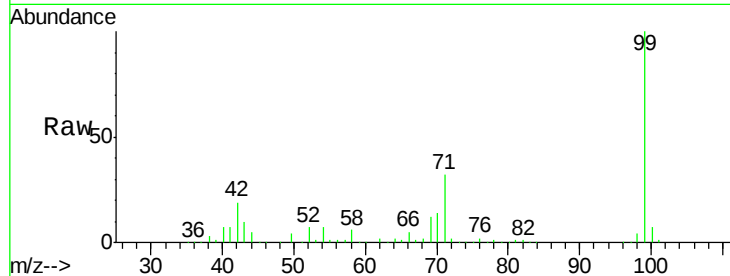
Tot Ion: 99 Resp: 615425

Ion Ratio Lower Upper

99 100

42 19.3 12.8 19.2#

71 31.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)

6.90

800000

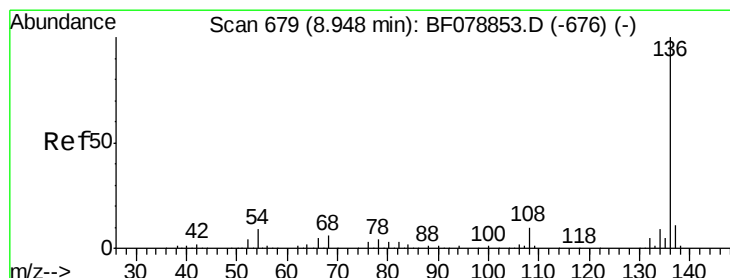
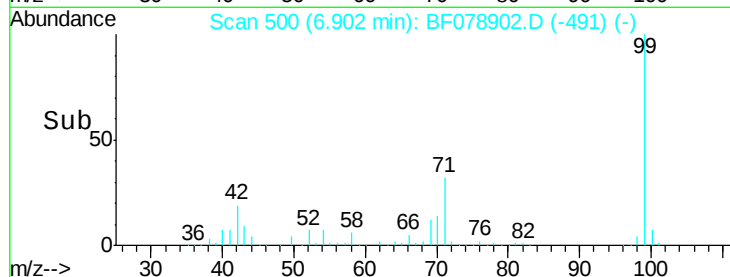
600000

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078902.D

Acq: 1 May 2015 19:46

Tgt Ion: 136 Resp: 293241

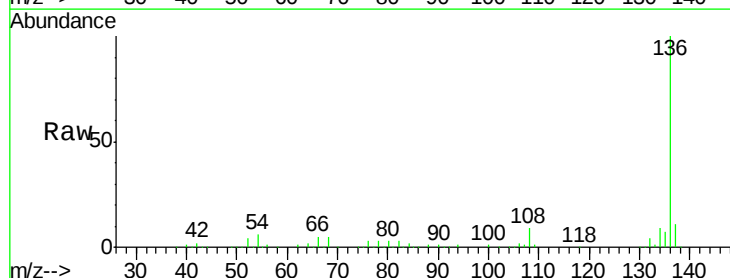
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.4 5.8 8.8

68 4.7 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

8.94

400000

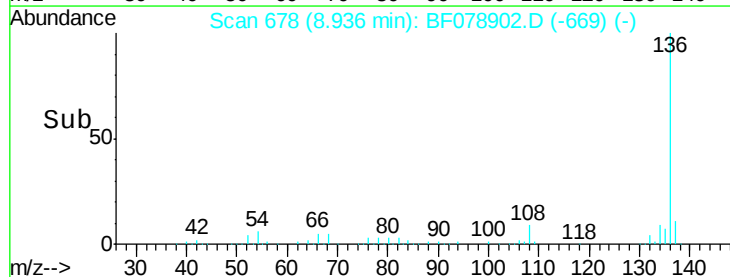
300000

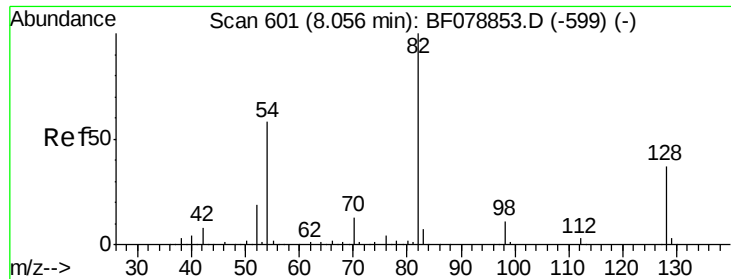
200000

100000

0

Time-->

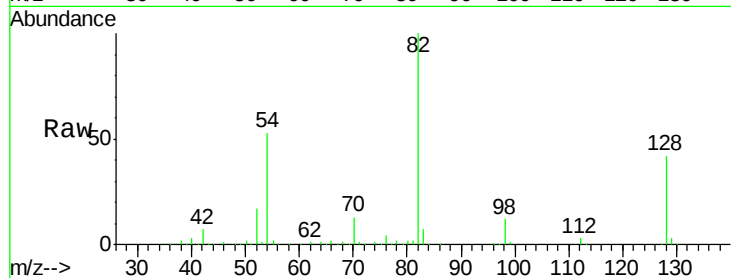




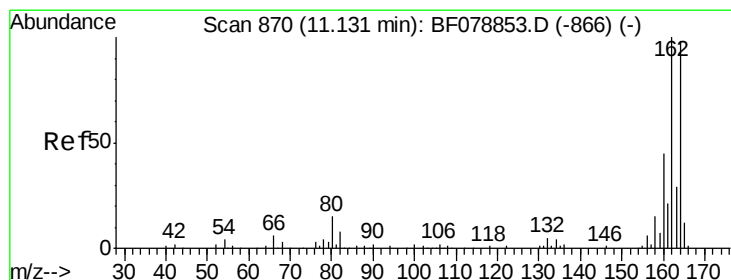
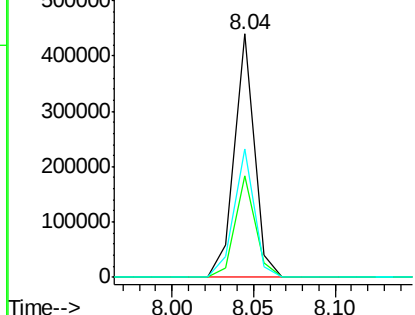
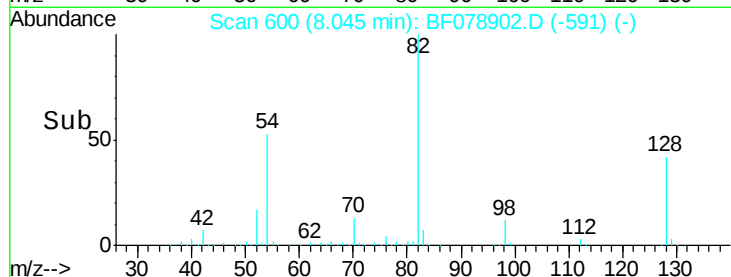
#23
Nitrobenzene-d5
Concen: 72.75 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078902.D
Acq: 1 May 2015 19:46

Instrument :
BNA_F
ClientSampleId :
PB83092BL

Tot Ion: 82 Resp: 371186
Ion Ratio Lower Upper
82 100
128 41.6 30.0 45.0
54 52.7 46.4 69.6

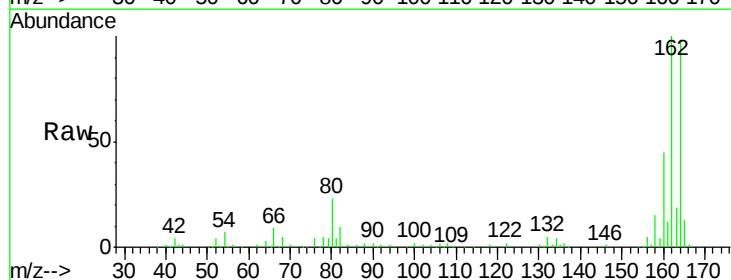


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

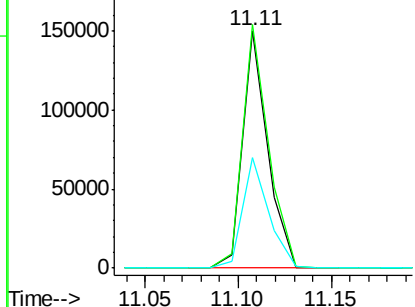
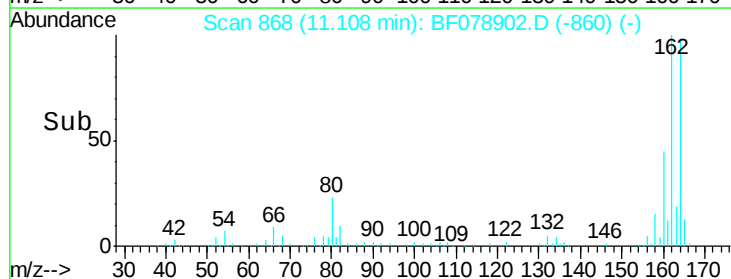


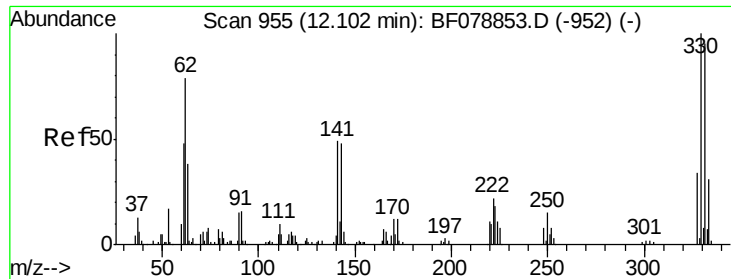
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF078902.D
Acq: 1 May 2015 19:46

Tgt Ion:164 Resp: 140018
Ion Ratio Lower Upper
164 100
162 102.5 82.7 124.1
160 46.3 35.8 53.8



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

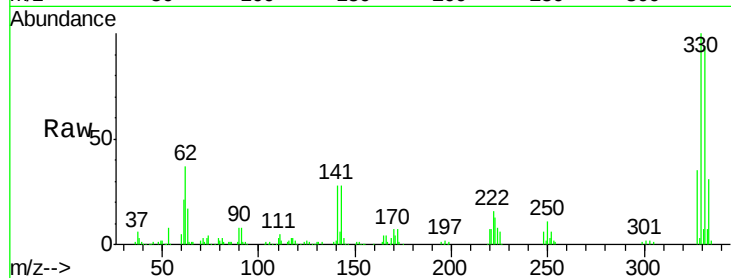




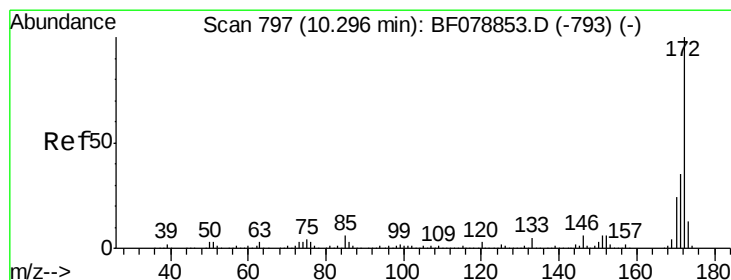
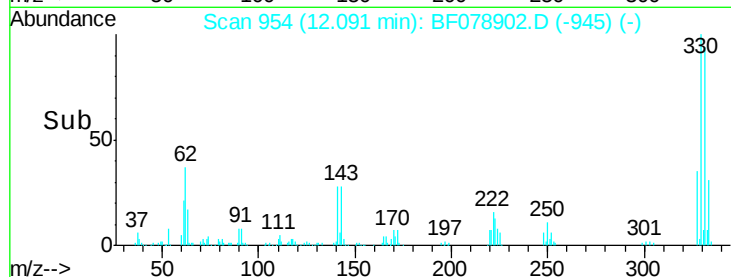
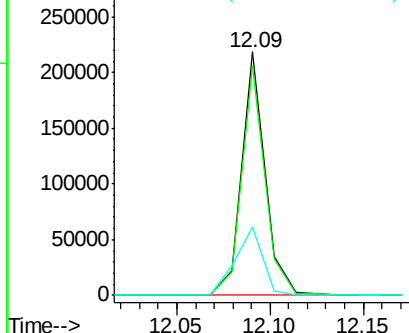
#41
 2,4,6-Tribromophenol
 Concen: 126.60 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078902.D
 Acq: 1 May 2015 19:46

Instrument :
 BNA_F
 ClientSampleId :
 PB83092BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	32.9	0.0	0.0#

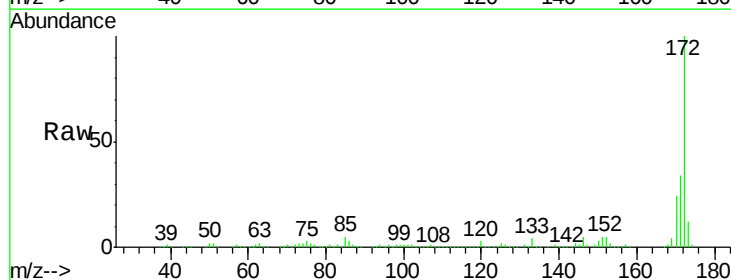


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

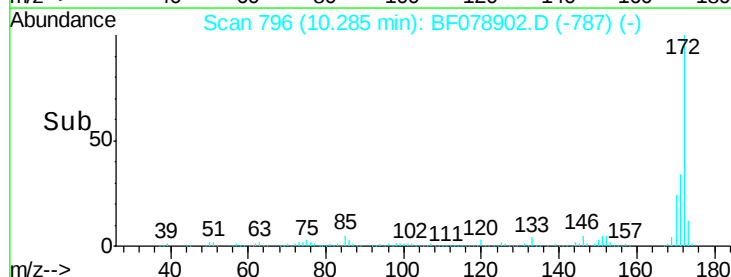
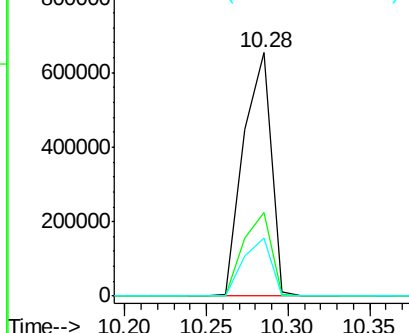


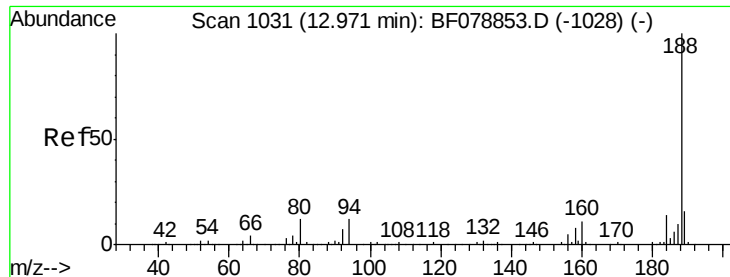
#44
 2-Fluorobiphenyl
 Concen: 76.41 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078902.D
 Acq: 1 May 2015 19:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.9	19.4	29.0



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

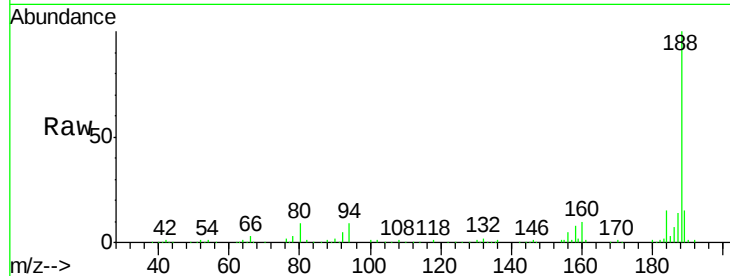




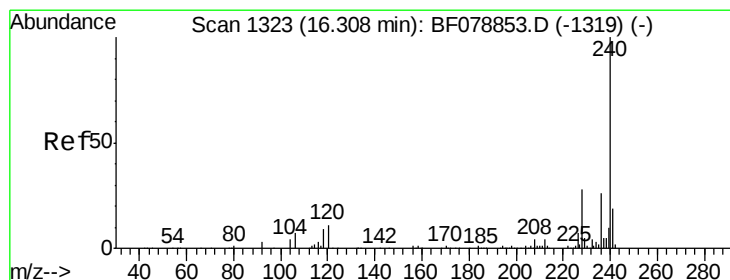
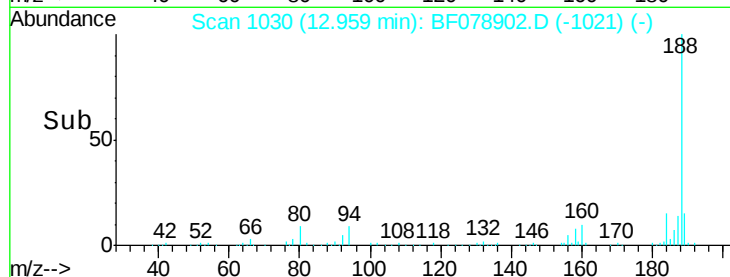
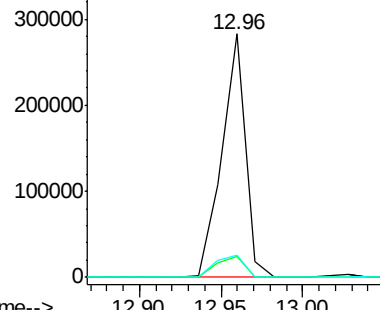
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078902.D
Acq: 1 May 2015 19:46

Instrument :
BNA_F
ClientSampleId :
PB83092BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	8.9	8.9	13.3

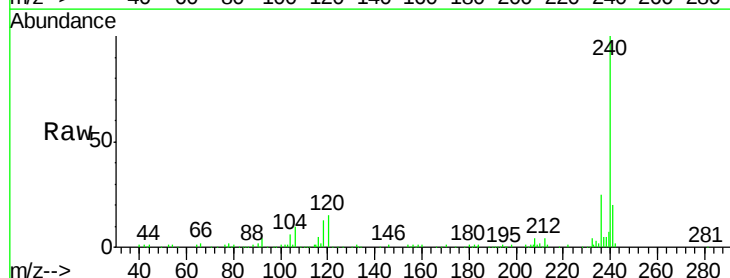


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

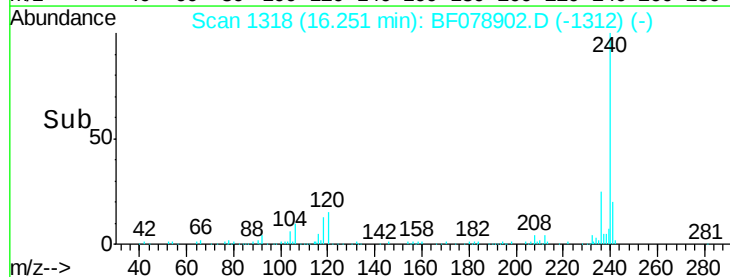
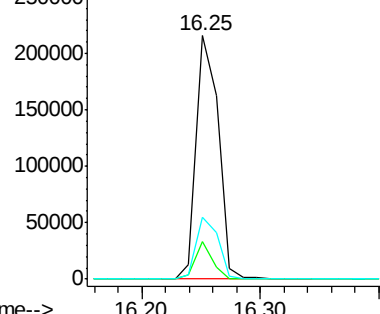


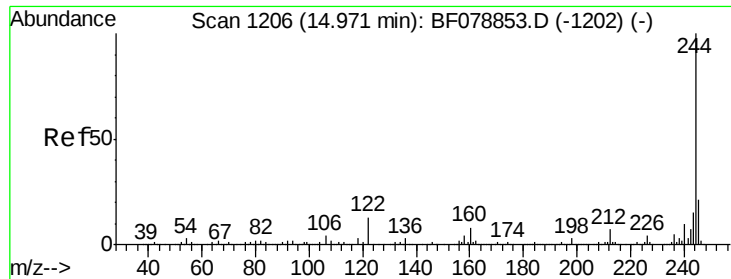
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BF078902.D
Acq: 1 May 2015 19:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.7	14.5#
236	25.3	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: 82.83 ng

RT: 14.96 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF078902.D

Acq: 1 May 2015 19:46

Instrument :

BNA_F

ClientSampled :

PB83092BL

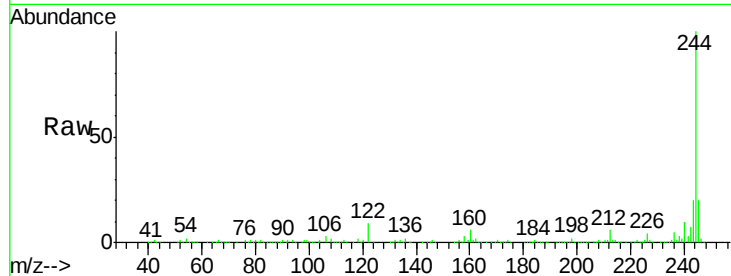
Tot Ion:244 Resp: 963114

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

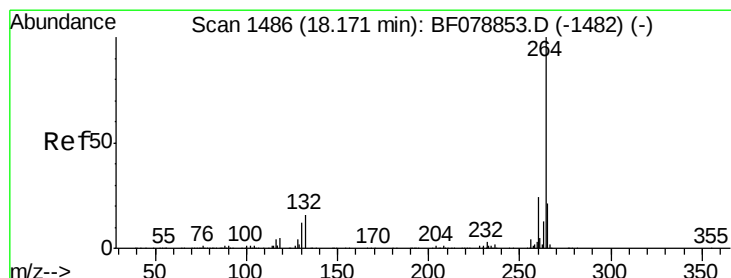
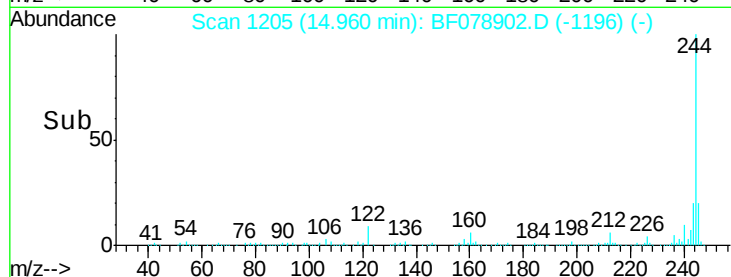
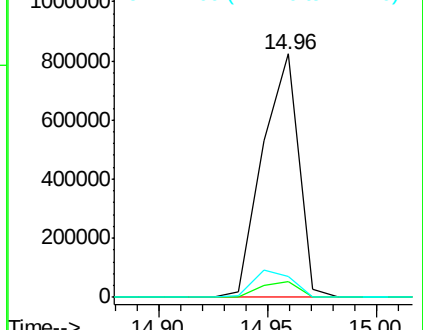
122 8.7 10.3 15.5#



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: 18.01 min Scan# 1472

Delta R.T. -0.11 min

Lab File: BF078902.D

Acq: 1 May 2015 19:46

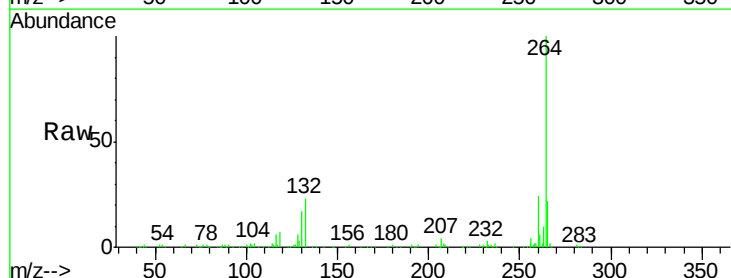
Tgt Ion:264 Resp: 278728

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.8 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

