

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
 Data File : BF078133.D
 Acq On : 1 Apr 2015 2:09
 Operator : TP/IZ
 Sample : PB82420BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BL

Quant Time: Apr 01 03:21:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	39442	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	161189	20.00	ng	0.00
38) Acenaphthene-d10	10.78	164	85167	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	171137	20.00	ng	0.00
75) Chrysene-d12	15.89	240	169458	20.00	ng	0.00
86) Perylene-d12	17.57	264	149583	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	279370	123.64	ng	0.00
7) Phenol-d6	6.64	99	358502	128.41	ng	0.00
23) Nitrobenzene-d5	7.74	82	192882	78.44	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	84335	103.50	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	446573	77.06	ng	0.00
78) Terphenyl-d14	14.61	244	548904	79.12	ng	0.00

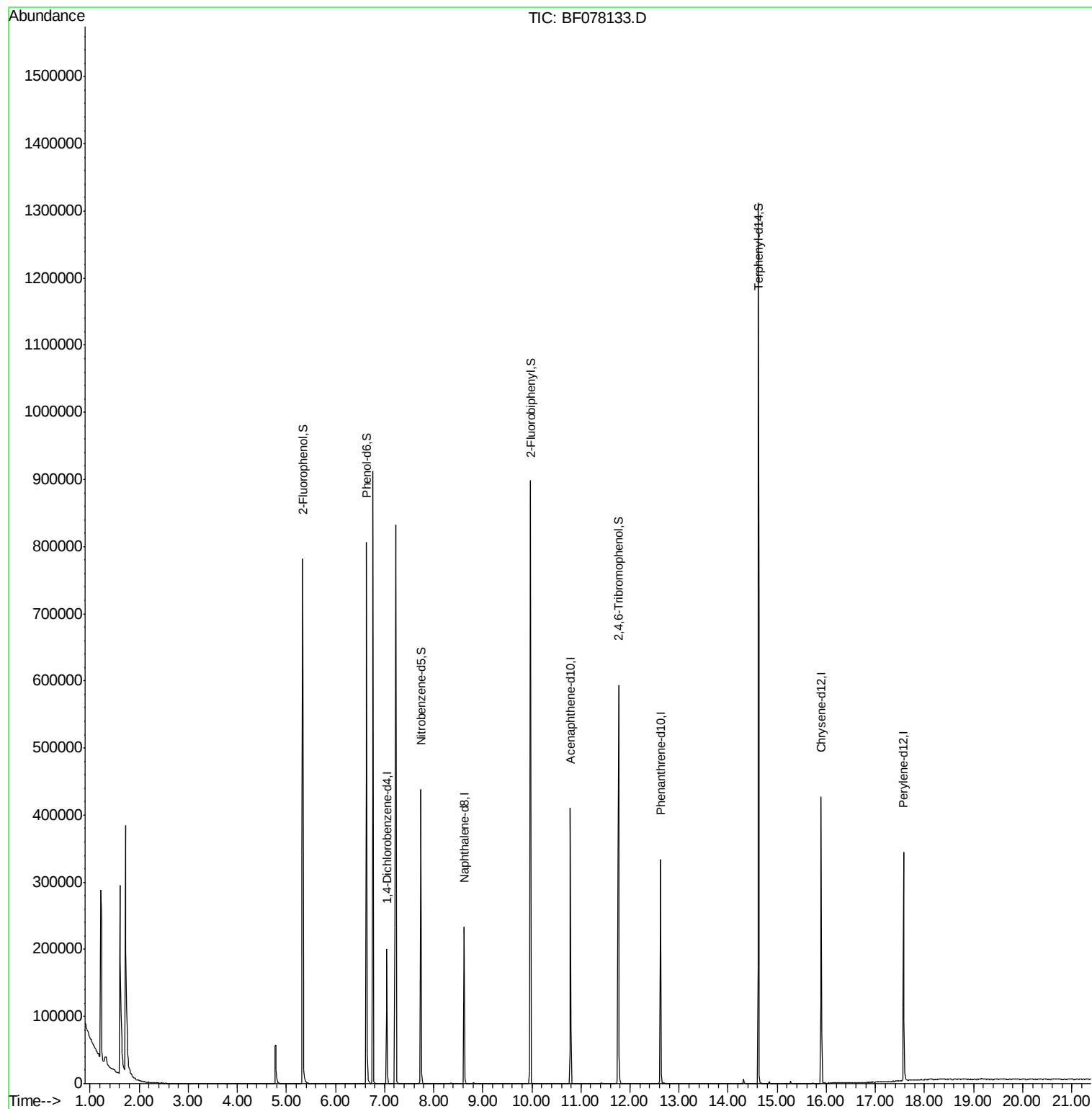
Target Compounds Qvalue

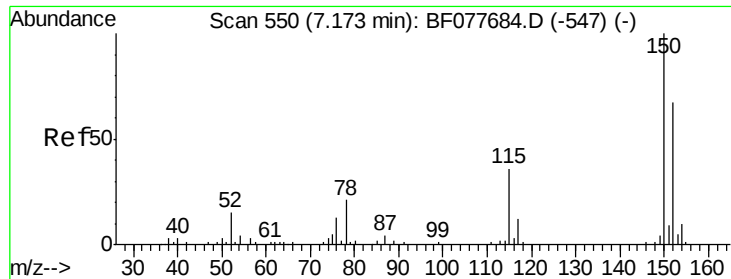
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078133.D

Acq: 1 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

PB82420BL

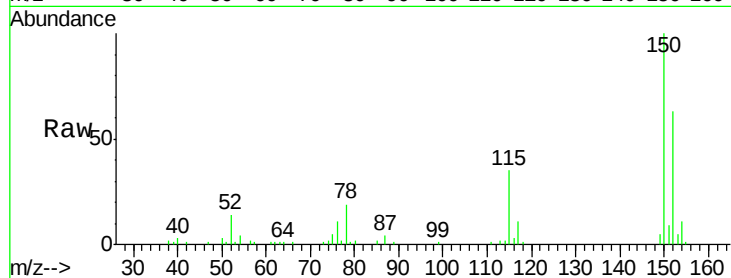
Tot Ion:152 Resp: 39442

Ion Ratio Lower Upper

152 100

150 159.1 119.5 179.3

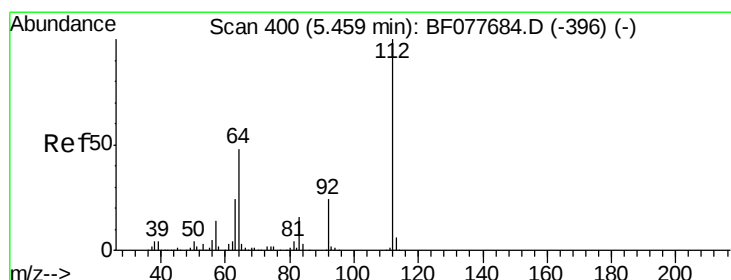
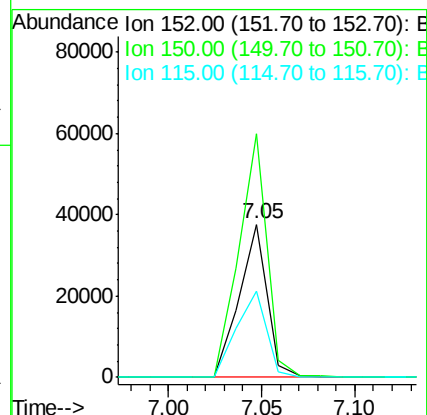
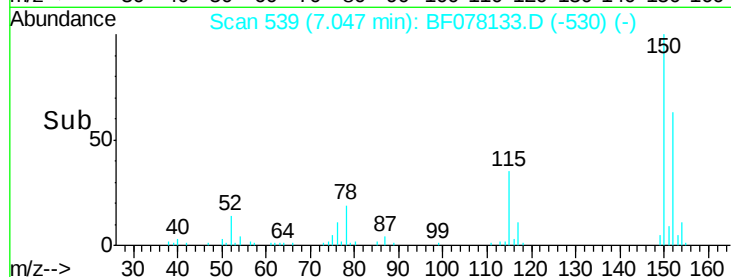
115 56.3 43.0 64.4



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: 123.64 ng

RT: 5.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF078133.D

Acq: 1 Apr 2015 2:09

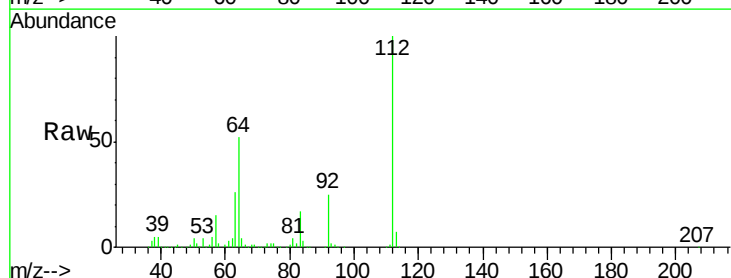
Tgt Ion:112 Resp: 279370

Ion Ratio Lower Upper

112 100

64 52.0 38.6 57.8

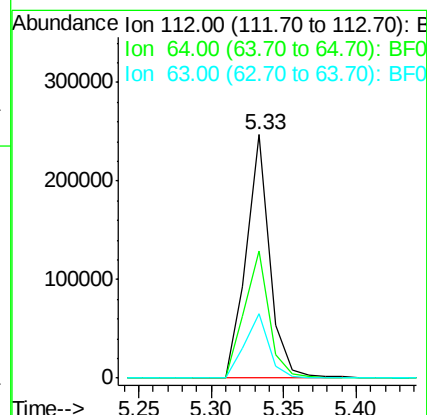
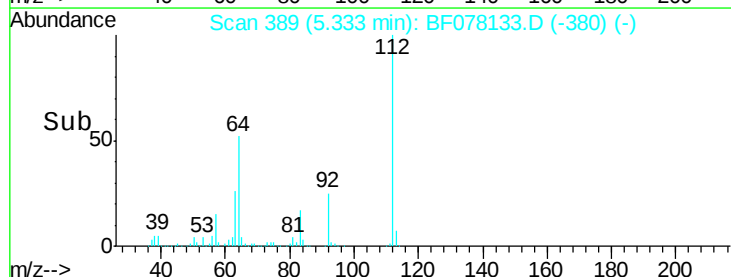
63 26.3 19.3 28.9

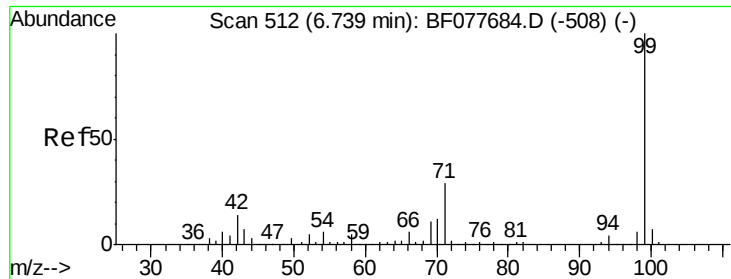


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.41 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078133.D

Acq: 1 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

PB82420BL

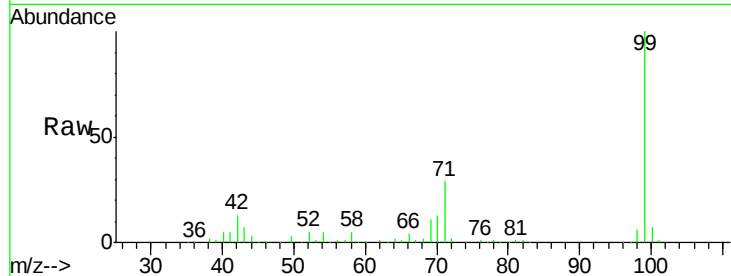
Tot Ion: 99 Resp: 358502

Ion Ratio Lower Upper

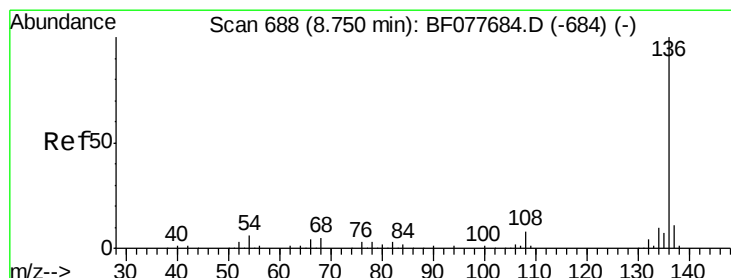
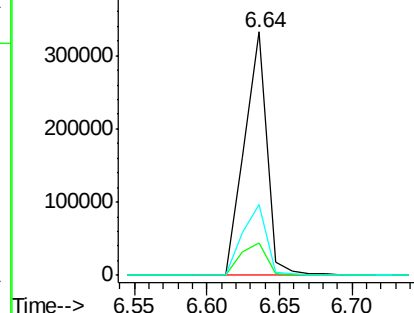
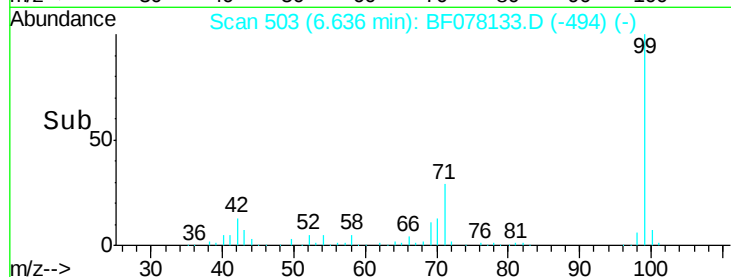
99 100

42 13.3 11.0 16.4

71 28.9 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: 8.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078133.D

Acq: 1 Apr 2015 2:09

Tgt Ion: 136 Resp: 161189

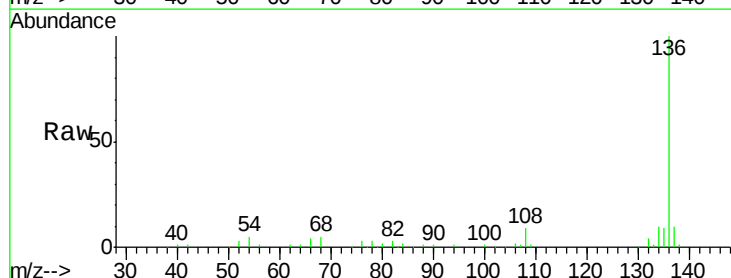
Ion Ratio Lower Upper

136 100

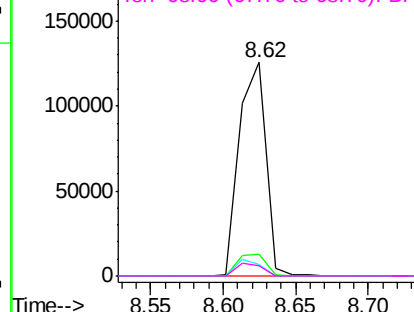
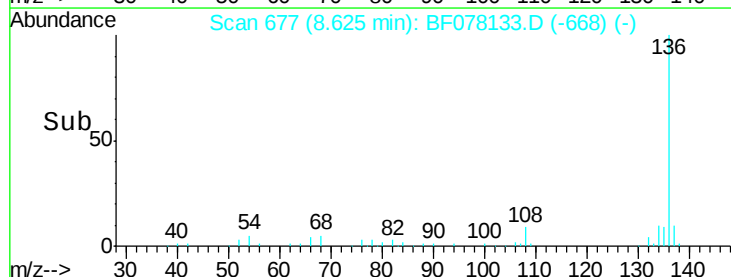
137 10.5 8.7 13.1

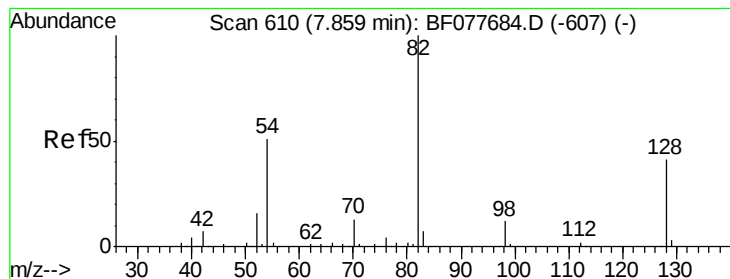
54 5.1 4.6 6.8

68 4.6 3.7 5.5



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: 78.44 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF078133.D

Acq: 1 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

PB82420BL

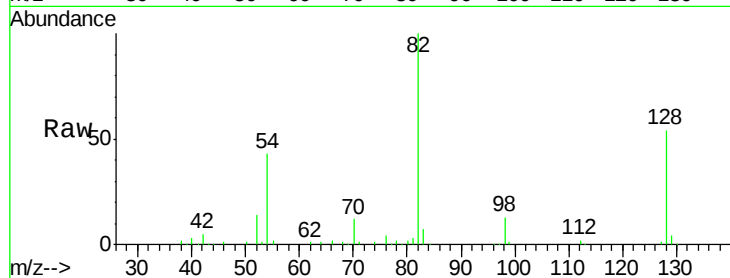
Tot Ion: 82 Resp: 192882

Ion Ratio Lower Upper

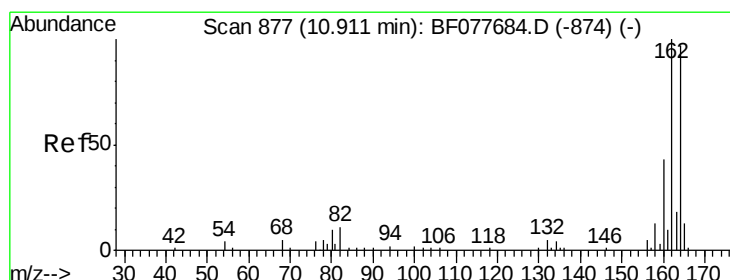
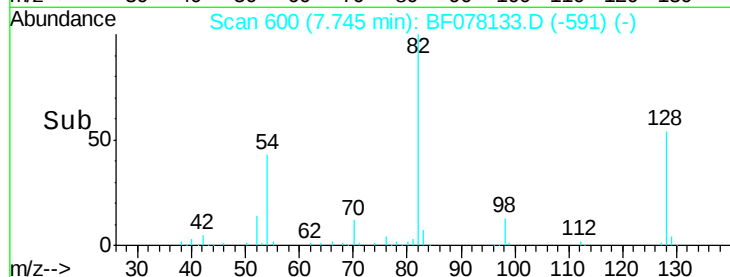
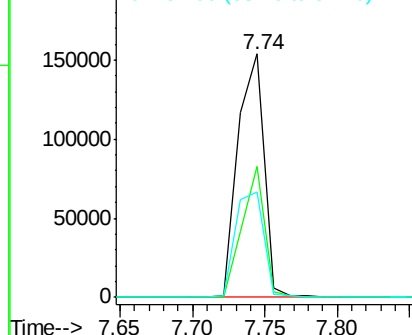
82 100

128 54.0 32.8 49.2#

54 43.4 40.6 60.8



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: 10.78 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF078133.D

Acq: 1 Apr 2015 2:09

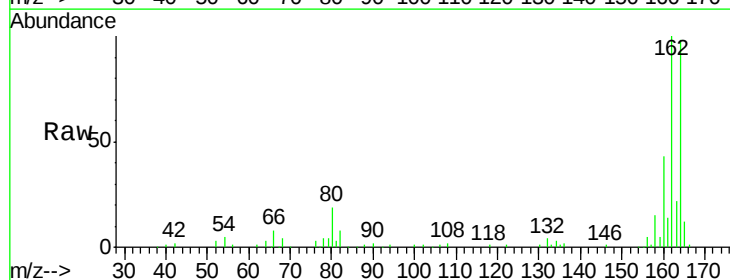
Tgt Ion:164 Resp: 85167

Ion Ratio Lower Upper

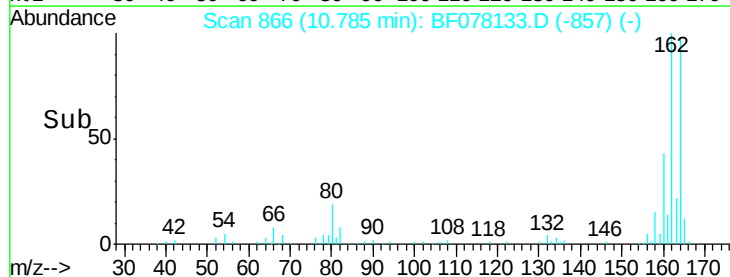
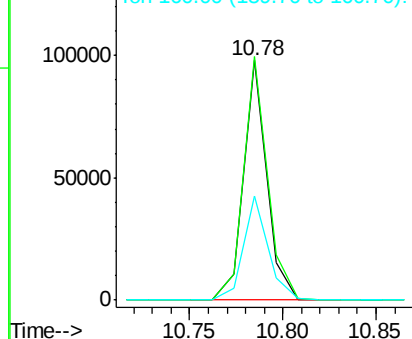
164 100

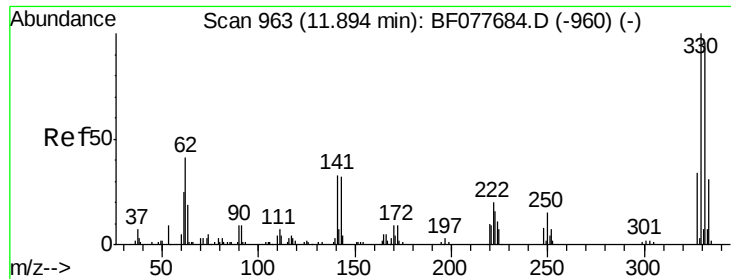
162 101.6 82.4 123.6

160 43.5 35.8 53.6



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

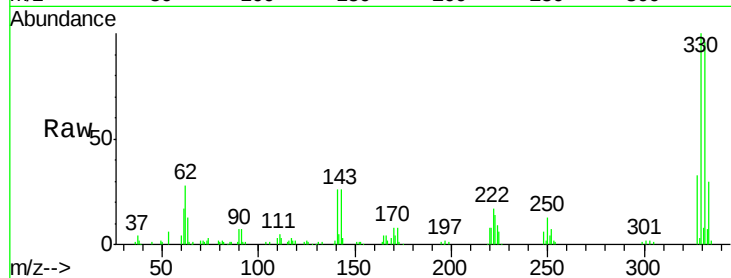




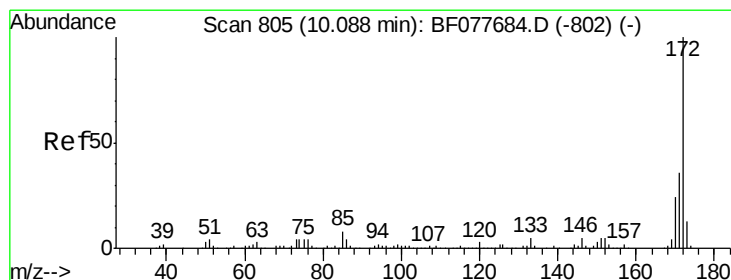
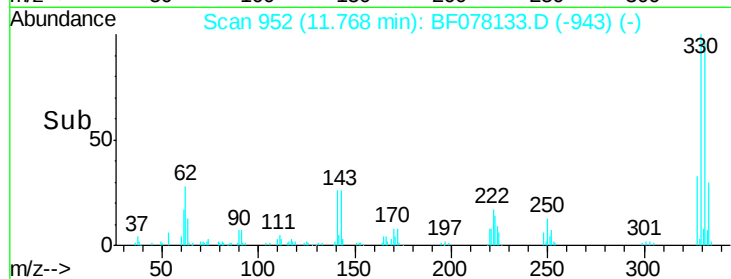
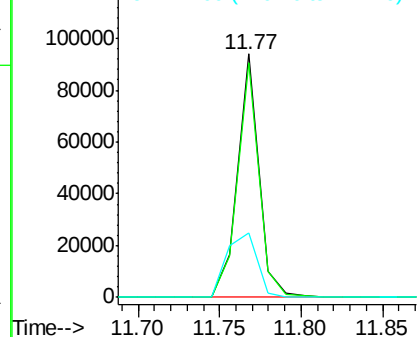
#41
 2,4,6-Tribromophenol
 Concen: 103.50 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF078133.D
 Acq: 1 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	37.9	0.0	0.0#

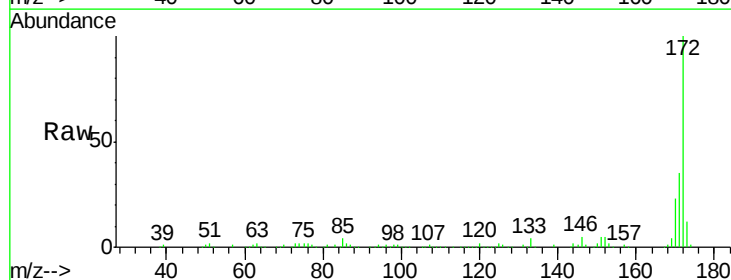


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

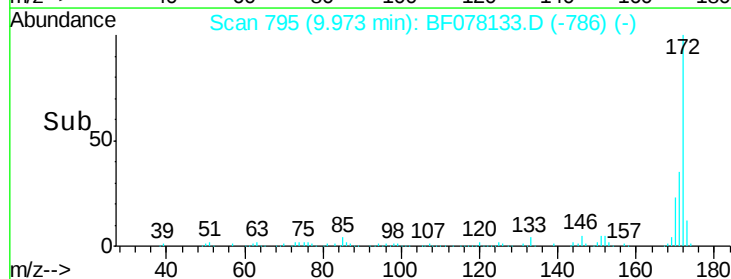
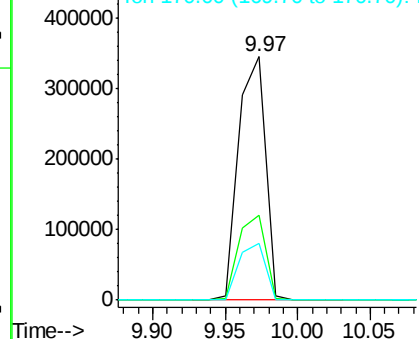


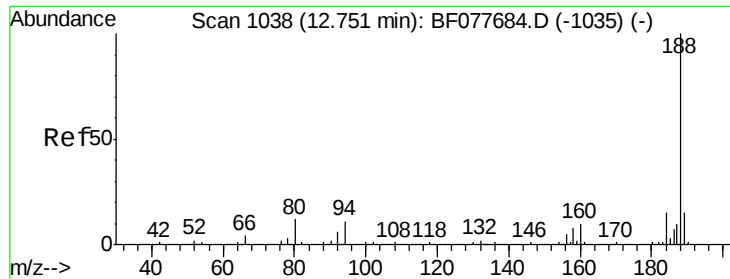
#44
 2-Fluorobiphenyl
 Concen: 77.06 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078133.D
 Acq: 1 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.4	18.8	28.2



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

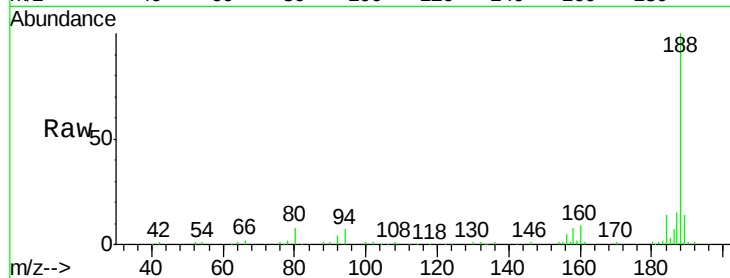




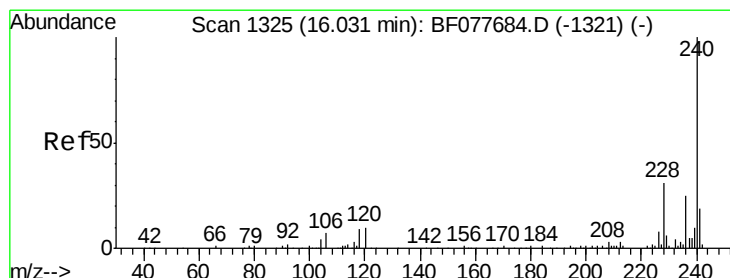
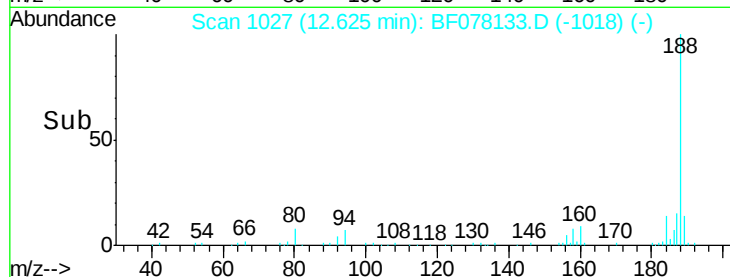
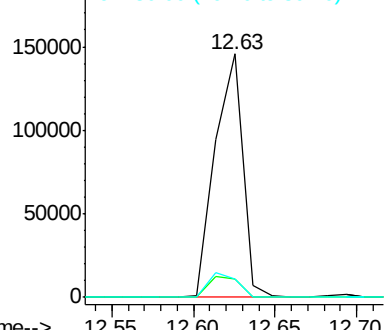
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078133.D
Acq: 1 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
PB82420BL

Tot Ion:188 Resp: 171137
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 7.8 9.3 13.9#

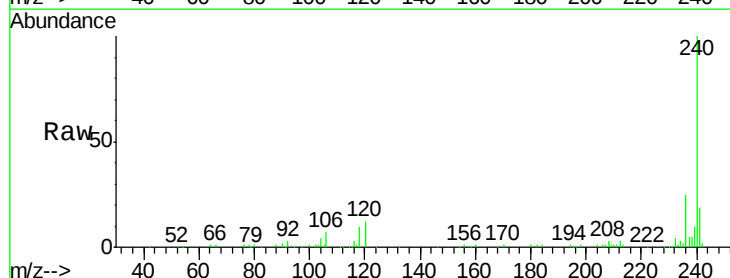


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

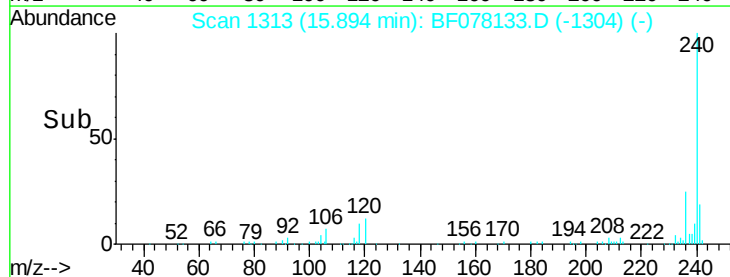
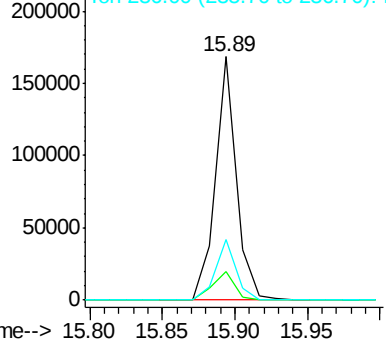


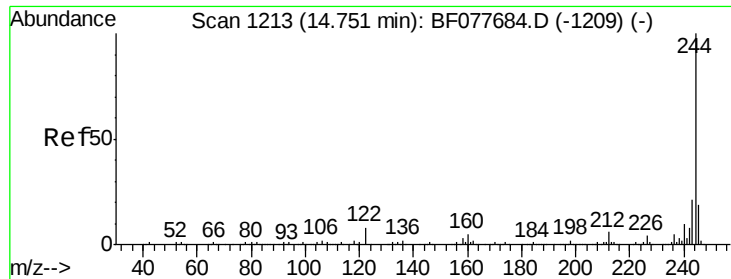
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF078133.D
Acq: 1 Apr 2015 2:09

Tgt Ion:240 Resp: 169458
Ion Ratio Lower Upper
240 100
120 11.9 8.2 12.2
236 25.0 20.0 30.0



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

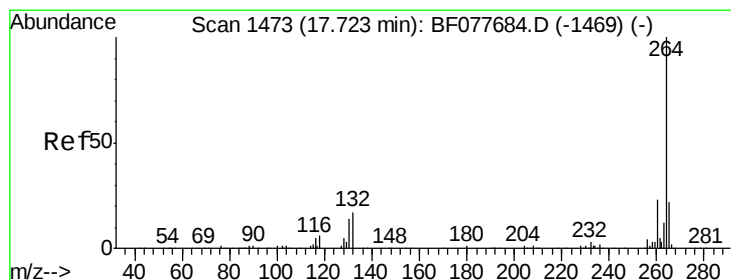
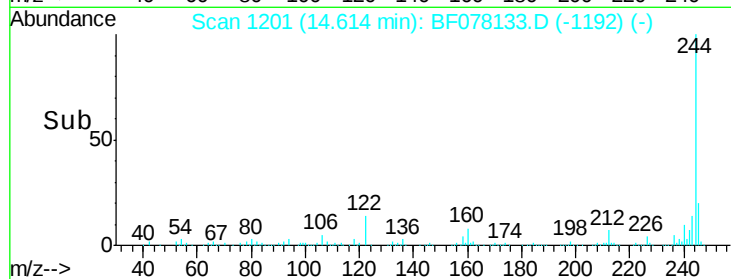
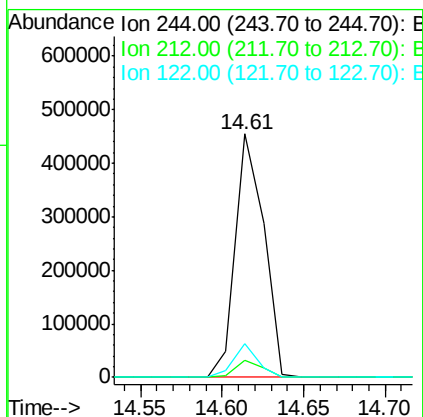
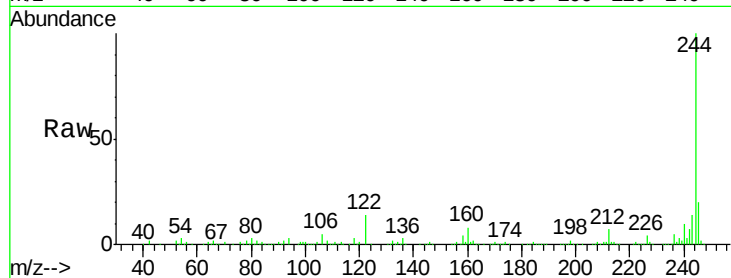




#78
 Terphenyl-d14
 Concen: 79.12 ng
 RT: 14.61 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF078133.D
 Acq: 1 Apr 2015 2:09

Instrument :
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 PB82420BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	14.1	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. -0.03 min
 Lab File: BF078133.D
 Acq: 1 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	20.9	17.3	25.9

