

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078798.D
 Acq On : 29 Apr 2015 2:38
 Operator : TP/IZ
 Sample : PB82973BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BL

Quant Time: Apr 29 04:46:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 03:47:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	90611	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	364246	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	163327	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	320965	20.00	ng	0.00
75) Chrysene-d12	16.29	240	289754	20.00	ng	-0.02
86) Perylene-d12	18.02	264	270228	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	639371	129.60	ng	0.01
7) Phenol-d6	6.94	99	867378	131.64	ng	0.00
23) Nitrobenzene-d5	8.08	82	427019	84.41	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	178229	110.58	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	950090	79.66	ng	0.00
78) Terphenyl-d14	14.99	244	1059275	87.06	ng	0.00

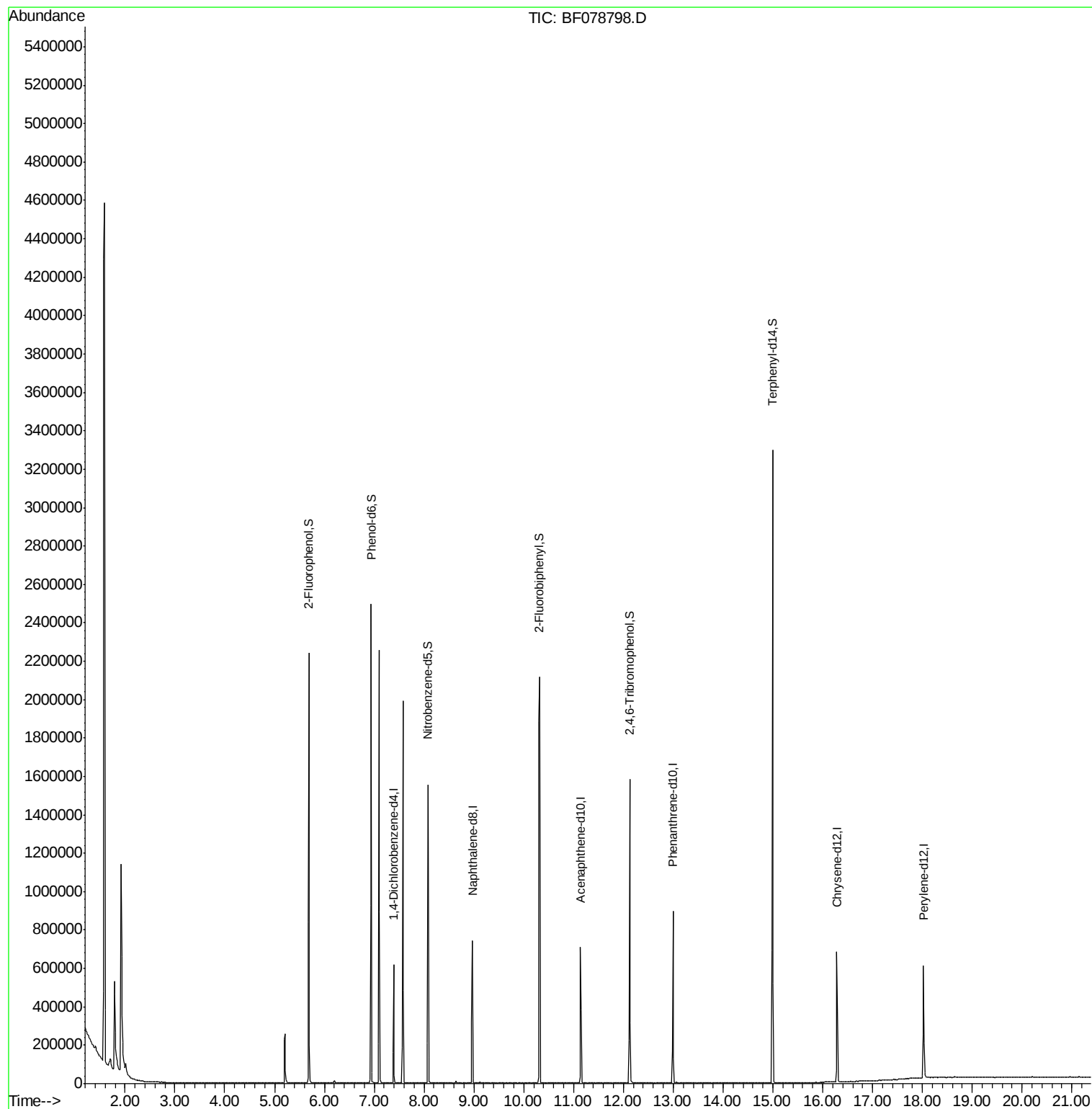
Target Compounds Qvalue

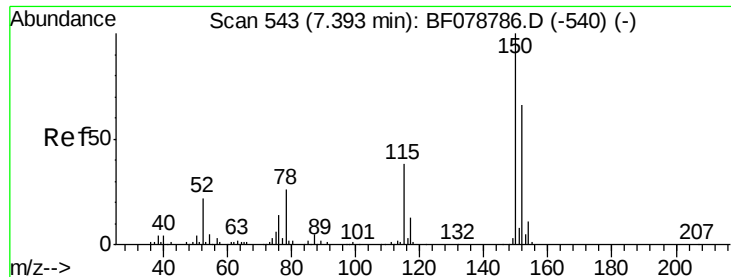
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.39 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF078798.D

Acq: 29 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82973BL

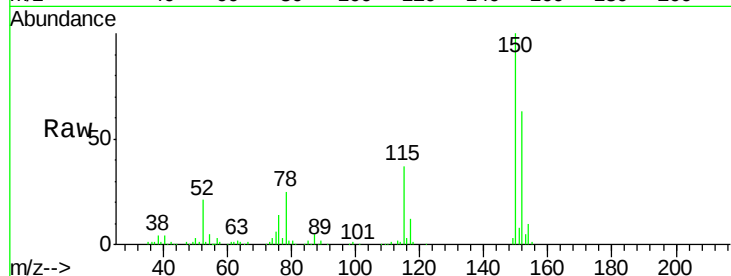
Tot Ion:152 Resp: 90611

Ion Ratio Lower Upper

152 100

150 157.8 122.0 183.0

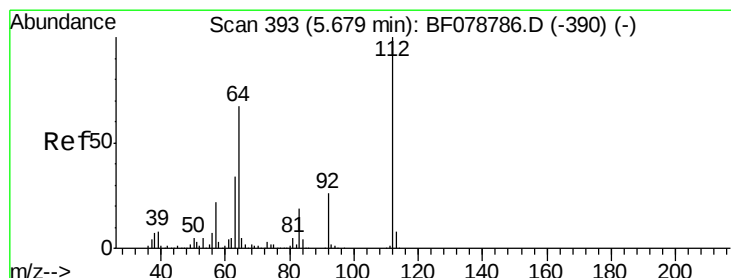
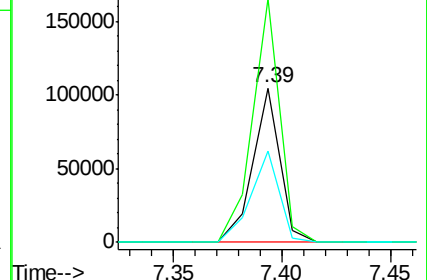
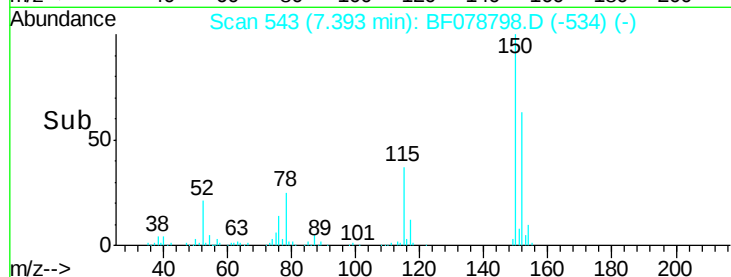
115 59.0 46.3 69.5



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: 129.60 ng

RT: 5.69 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF078798.D

Acq: 29 Apr 2015 2:38

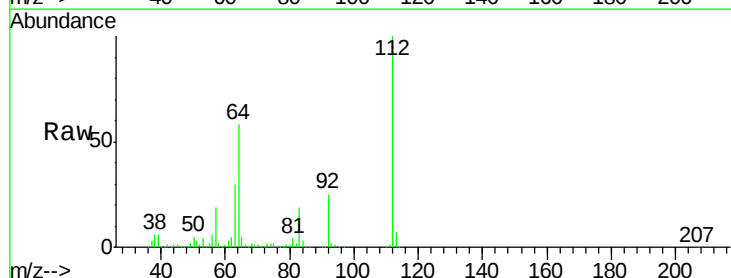
Tgt Ion:112 Resp: 639371

Ion Ratio Lower Upper

112 100

64 58.3 53.5 80.3

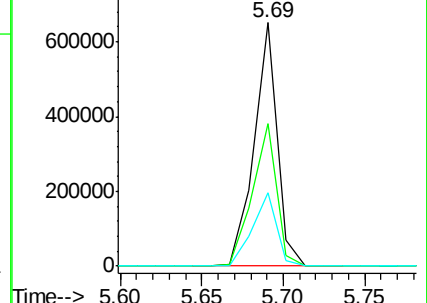
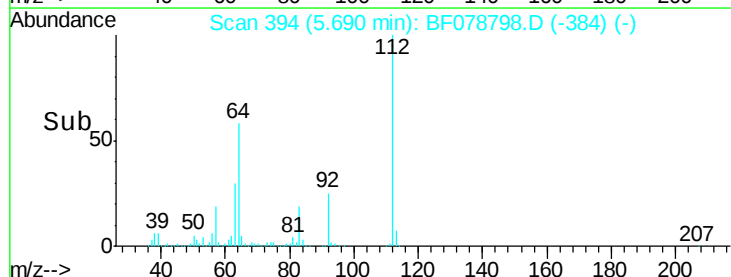
63 30.0 27.5 41.3

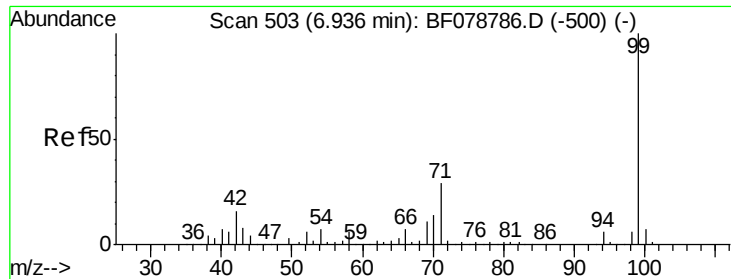


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.64 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078798.D

Acq: 29 Apr 2015 2:38

Instrument :

BNA_F

ClientSampleId :

PB82973BL

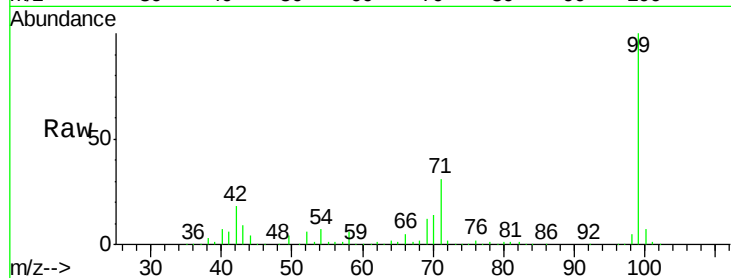
Tot Ion: 99 Resp: 867378

Ion Ratio Lower Upper

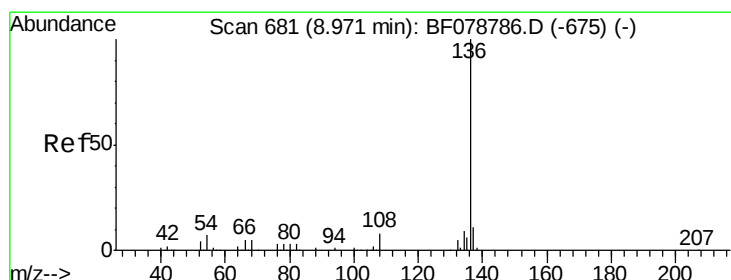
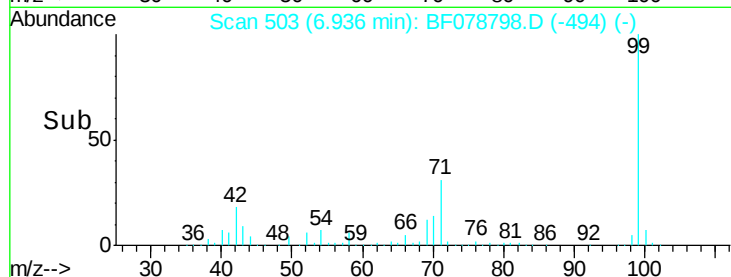
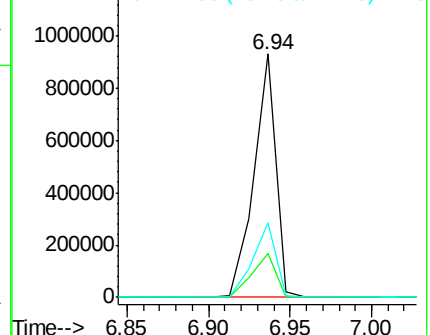
99 100

42 17.8 12.8 19.2

71 30.5 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: 8.97 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078798.D

Acq: 29 Apr 2015 2:38

Tgt Ion: 136 Resp: 364246

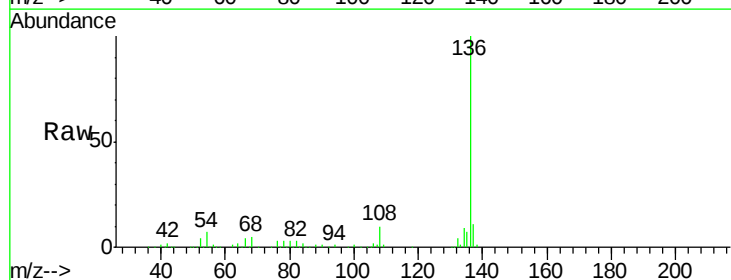
Ion Ratio Lower Upper

136 100

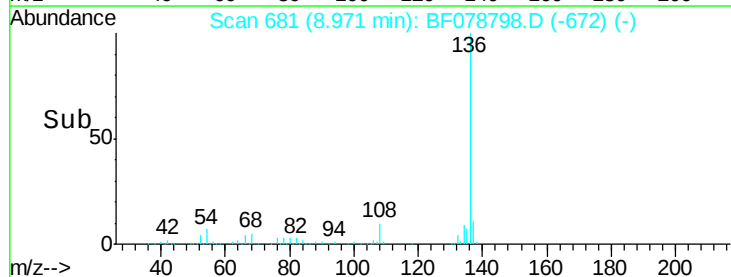
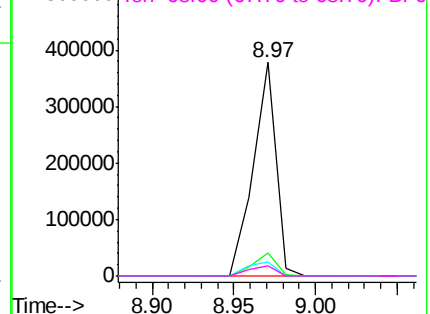
137 10.7 8.7 13.1

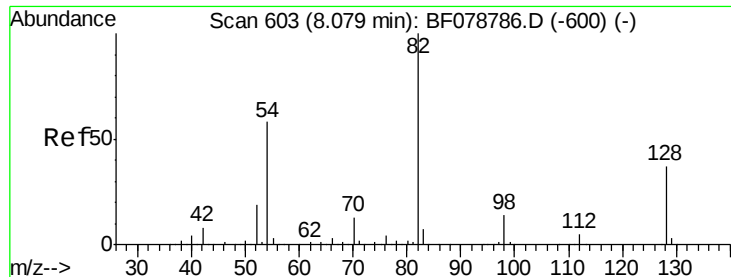
54 6.9 5.8 8.8

68 5.0 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

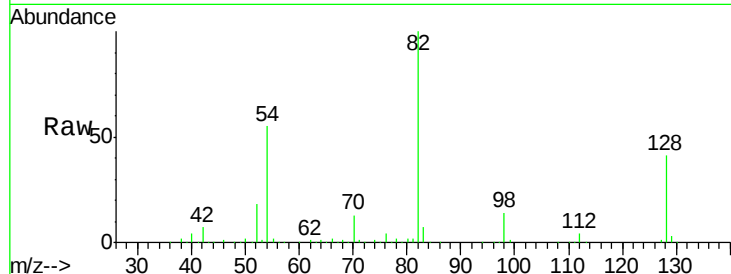




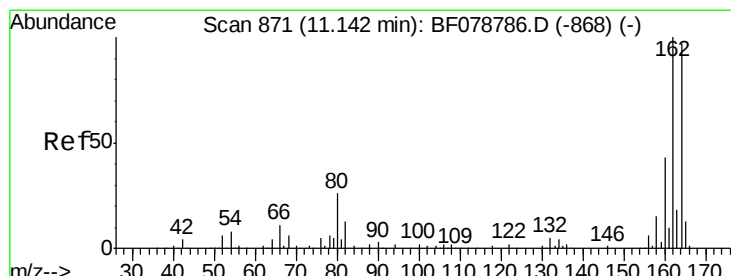
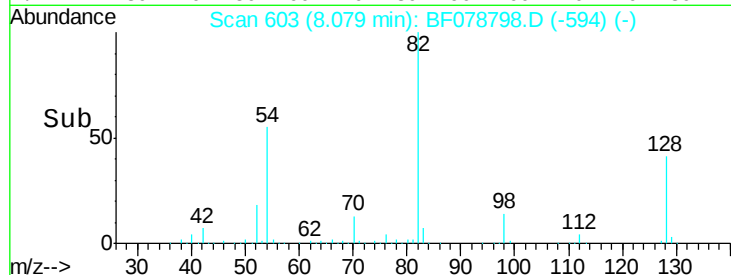
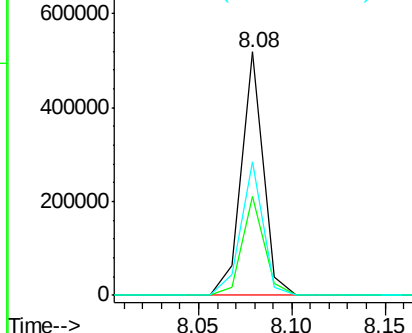
#23
 Nitrobenzene-d5
 Concen: 84.41 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF078798.D
 Acq: 29 Apr 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82973BL

Tot Ion	82	Resp	427019
Ion Ratio	100	Lower	Upper
128	40.8	30.0	45.0
54	55.0	46.4	69.6

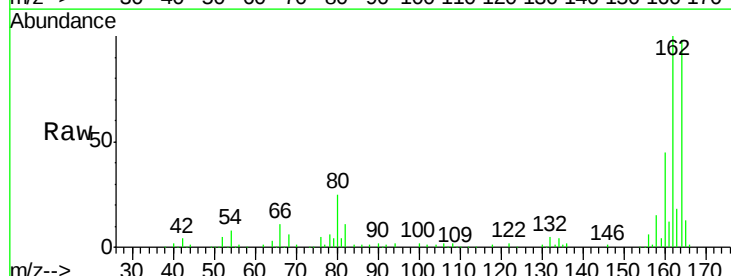


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

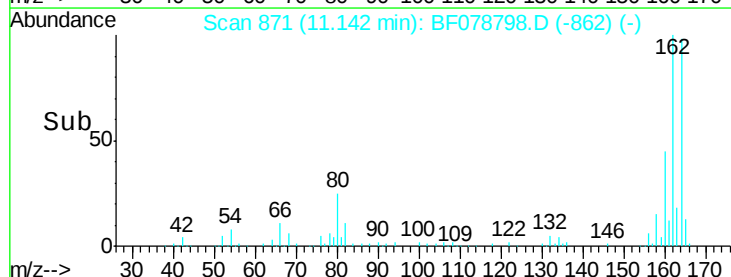
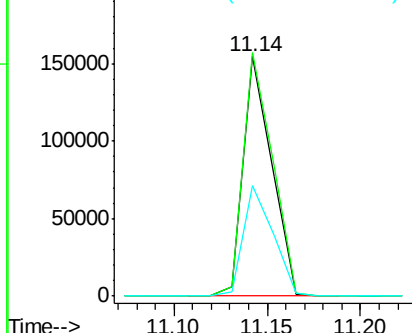


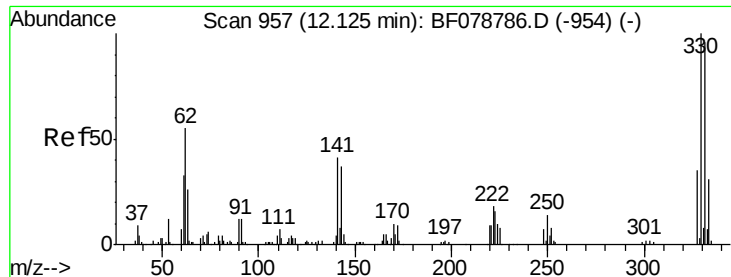
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078798.D
 Acq: 29 Apr 2015 2:38

Tgt Ion	164	Resp	163327
Ion Ratio	100	Lower	Upper
162	101.6	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

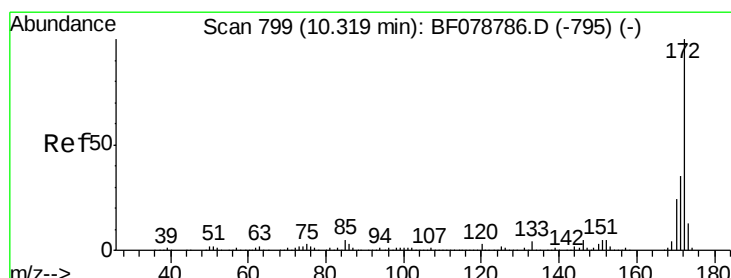
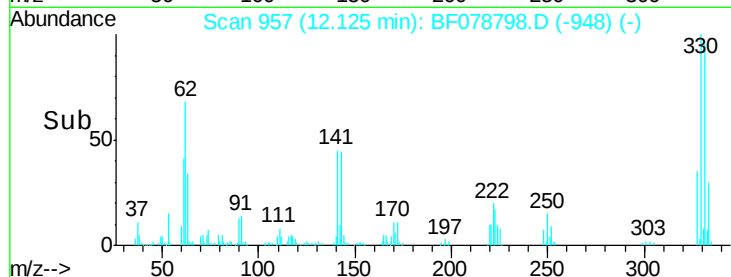
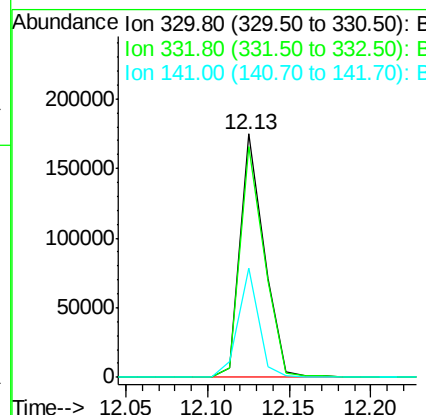
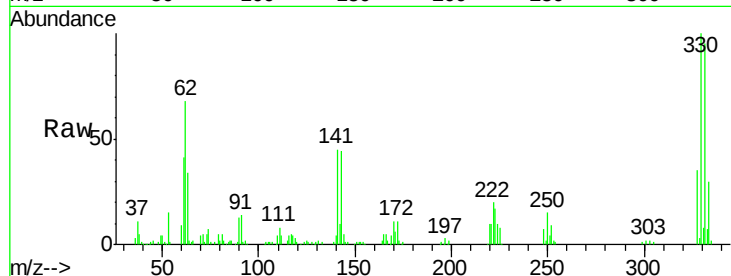




#41
 2,4,6-Tribromophenol
 Concen: 110.58 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078798.D
 Acq: 29 Apr 2015 2:38

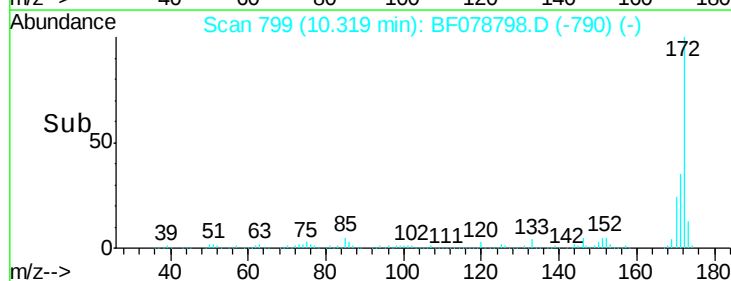
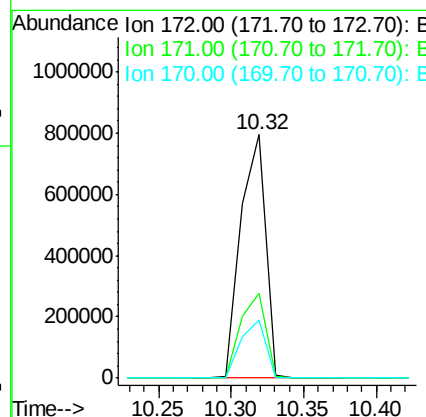
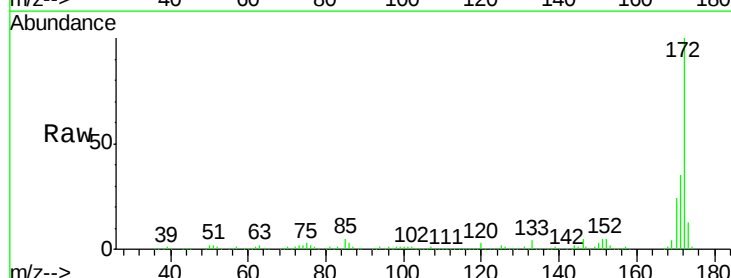
Instrument :
 BNA_F
 ClientSampleId :
 PB82973BL

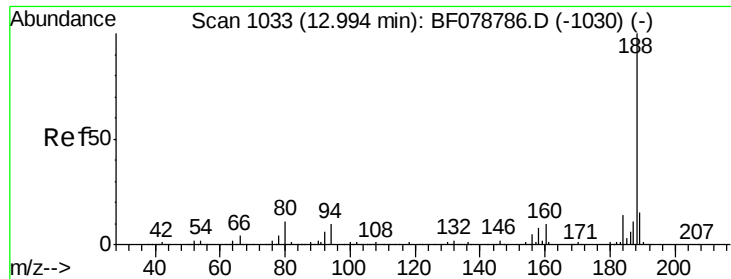
Tot Ion:330 Resp: 178229
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 38.5 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 79.66 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078798.D
 Acq: 29 Apr 2015 2:38

Tgt Ion:172 Resp: 950090
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.9 41.9
 170 24.0 19.4 29.0

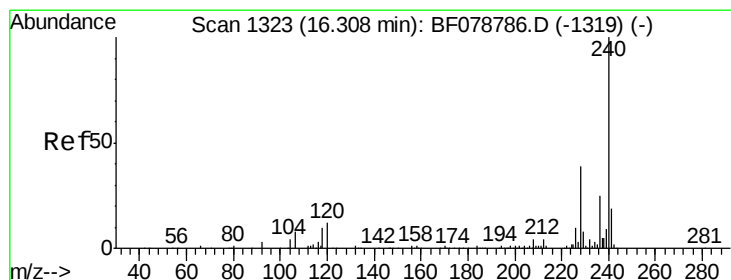
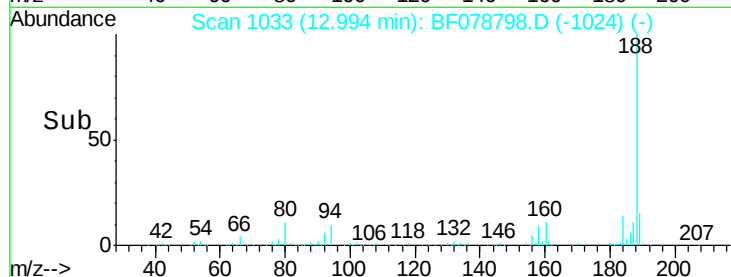
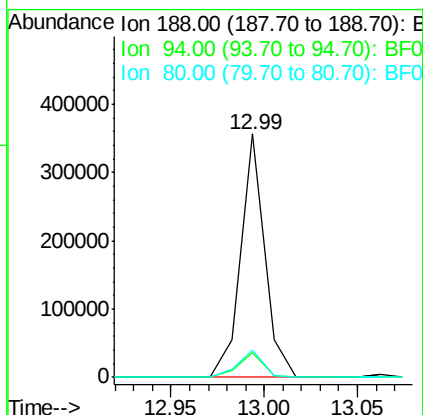
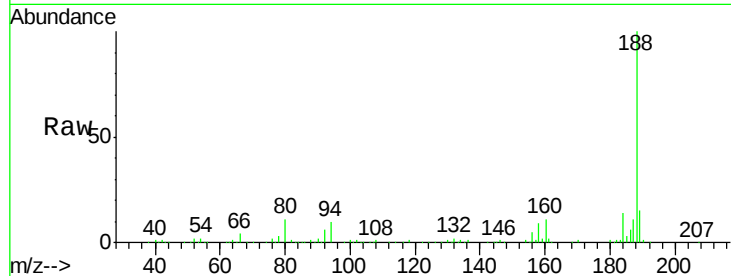




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078798.D
Acq: 29 Apr 2015 2:38

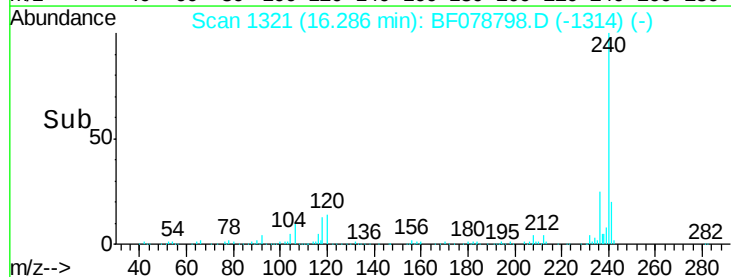
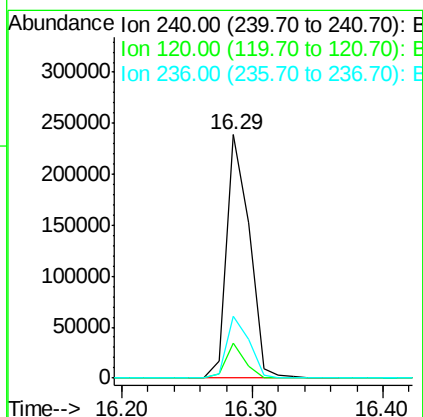
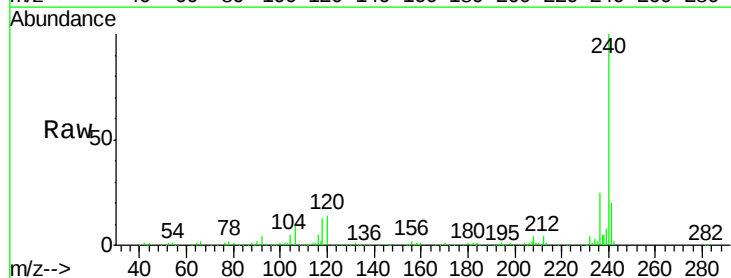
Instrument :
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ClientSampleId :
PB82973BL

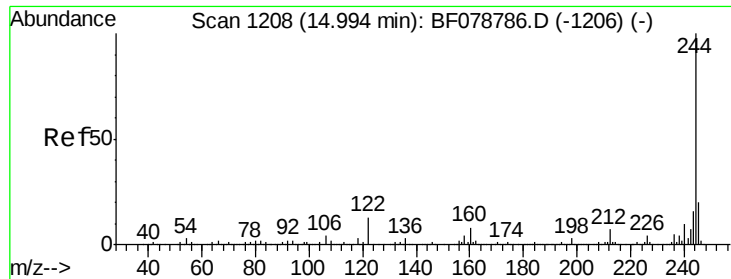
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	11.4	8.9	13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF078798.D
Acq: 29 Apr 2015 2:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.7	14.5
236	25.4	20.2	30.4





#78

Terphenyl-d14

Concen: 87.06 ng

RT: 14.99 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF078798.D

Acq: 29 Apr 2015 2:38

Instrument :

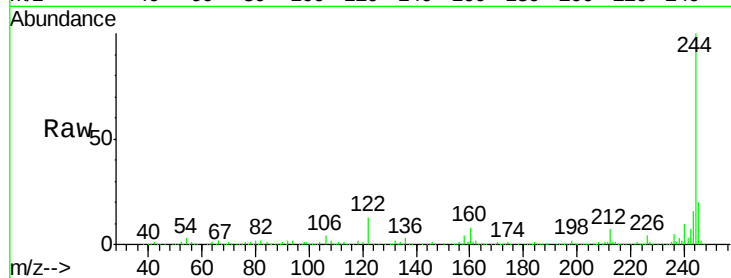
BNA_F

ClientSampleId :

PB82973BL

Tot Ion:244 Resp: 1059275

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.6	10.3	15.5

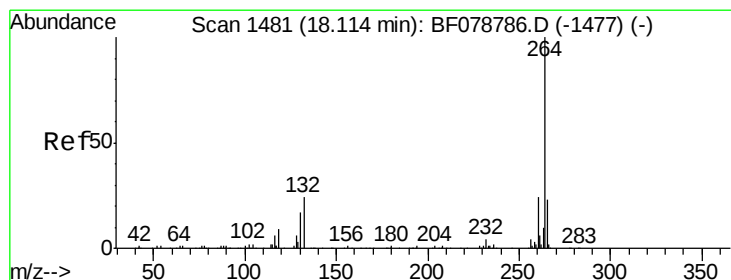
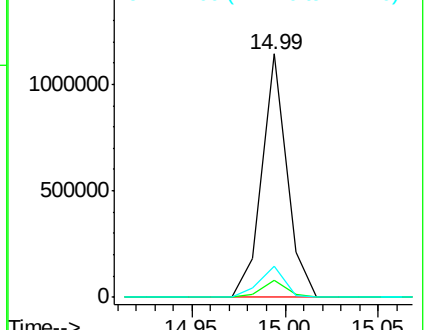
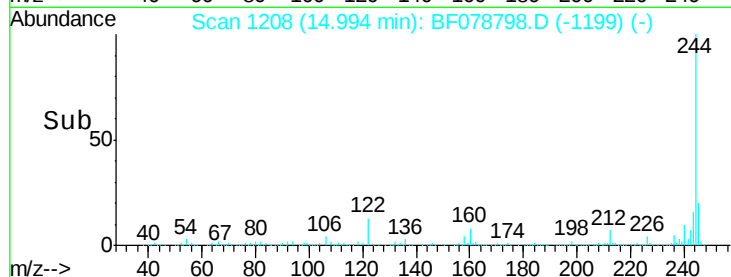


Abundance

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: 18.02 min Scan# 1473

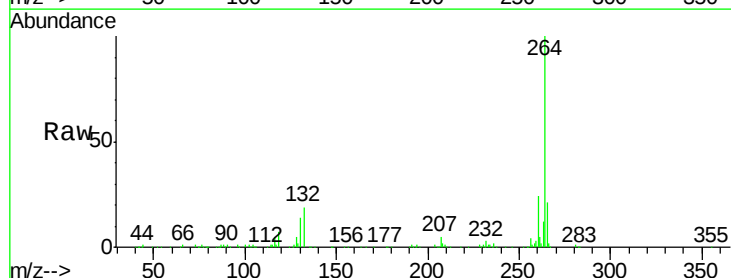
Delta R.T. -0.09 min

Lab File: BF078798.D

Acq: 29 Apr 2015 2:38

Tgt Ion:264 Resp: 270228

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	20.8	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

