

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042815\
 Data File : BF078800.D
 Acq On : 29 Apr 2015 3:36
 Operator : TP/IZ
 Sample : PB82973TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82973TB

Quant Time: Apr 29 04:50:01 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	91000	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	366668	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	165106	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	331745	20.00	ng	0.00
75) Chrysene-d12	16.29	240	303024	20.00	ng	-0.02
86) Perylene-d12	18.00	264	288445	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	679970	137.24	ng	0.01
7) Phenol-d6	6.94	99	913792	138.10	ng	0.00
23) Nitrobenzene-d5	8.08	82	463507	91.01	ng	0.00
41) 2,4,6-Tribromophenol	12.12	330	192803	117.96	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	1024117	84.94	ng	0.00
78) Terphenyl-d14	14.99	244	1152780	90.60	ng	0.00

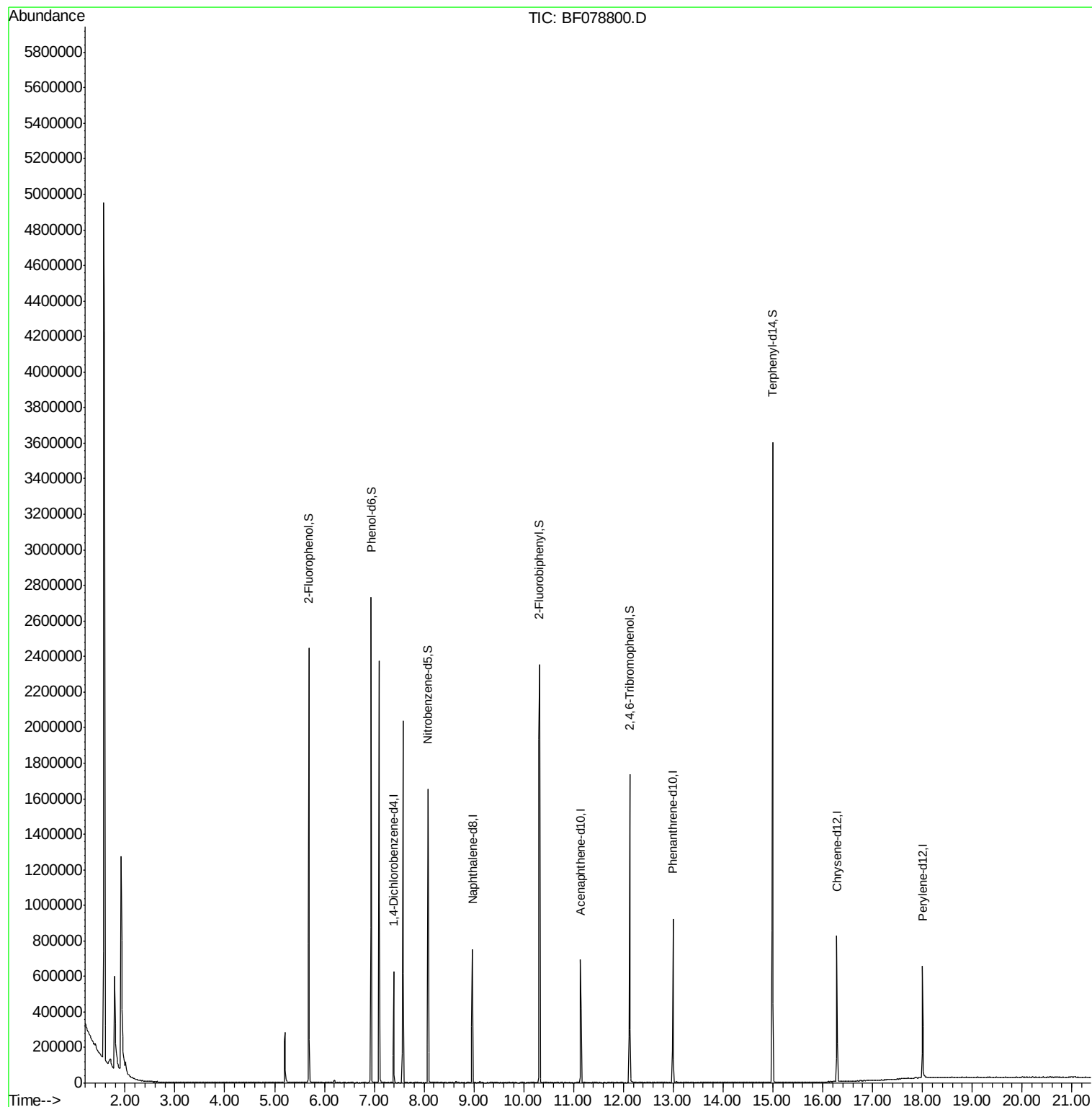
Target Compounds	Qvalue
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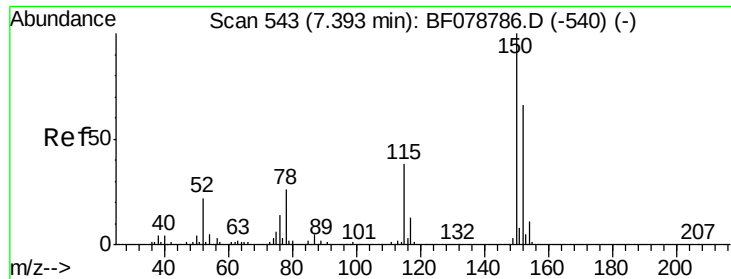
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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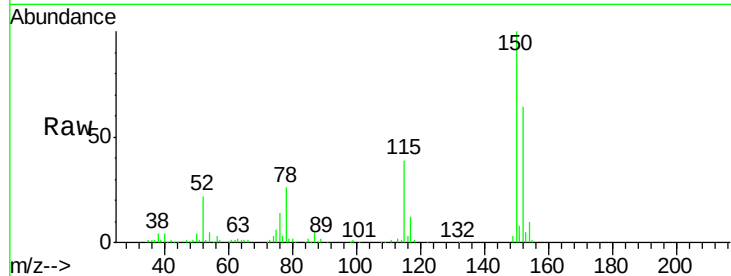


#1

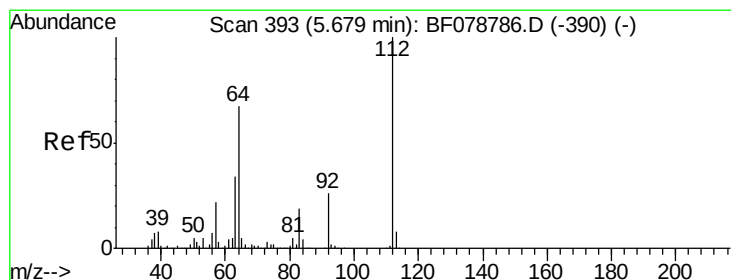
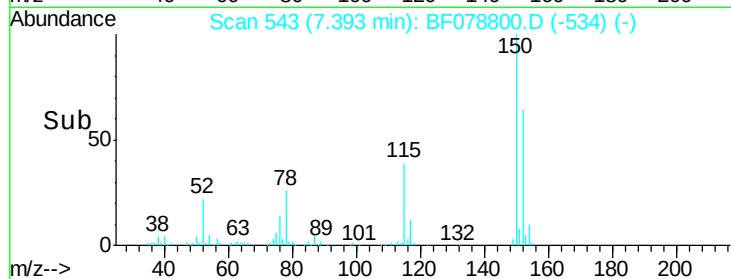
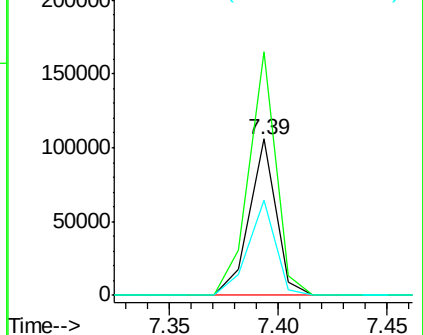
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078800.D
Acq: 29 Apr 2015 3:36

Instrument :
BNA_F
ClientSampleId :
PB82973TB

Tgt Ion:152 Resp: 91000
Ion Ratio Lower Upper
152 100
150 155.7 122.0 183.0
115 60.7 46.3 69.5



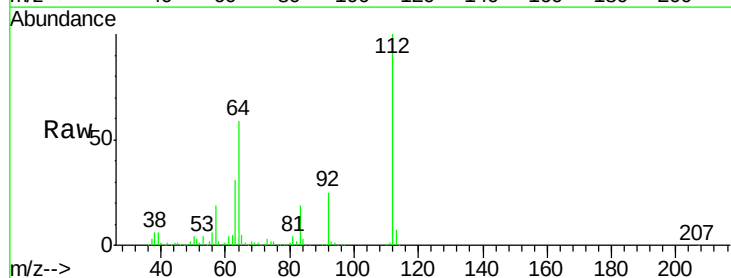
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



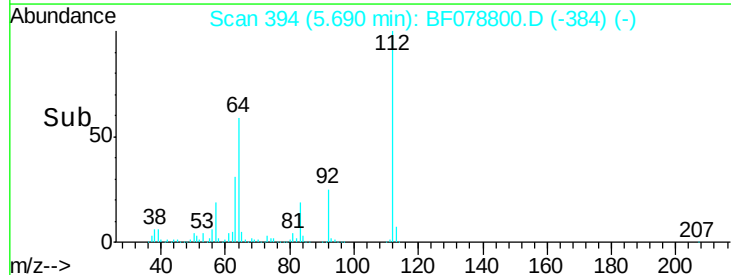
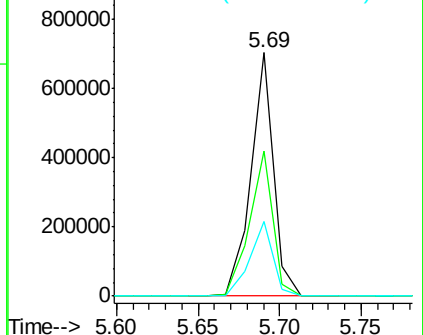
#5

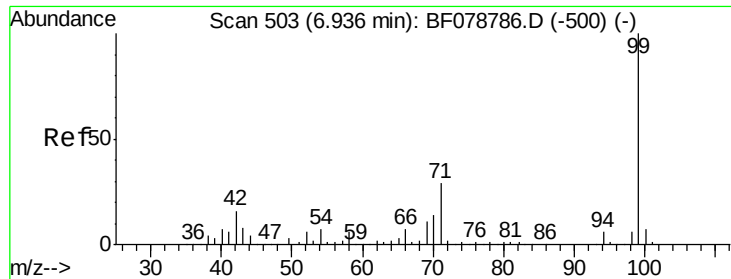
2-Fluorophenol
Concen: 137.24 ng
RT: 5.69 min Scan# 394
Delta R.T. 0.01 min
Lab File: BF078800.D
Acq: 29 Apr 2015 3:36

Tgt Ion:112 Resp: 679970
Ion Ratio Lower Upper
112 100
64 59.5 53.5 80.3
63 30.5 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: 138.10 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078800.D

Acq: 29 Apr 2015 3:36

Instrument :

BNA_F

ClientSampleId :

PB82973TB

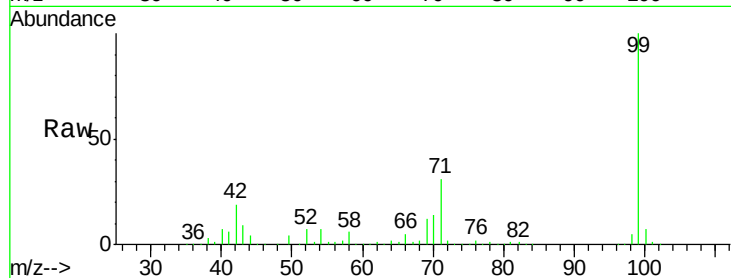
Tgt Ion: 99 Resp: 913792

Ion Ratio Lower Upper

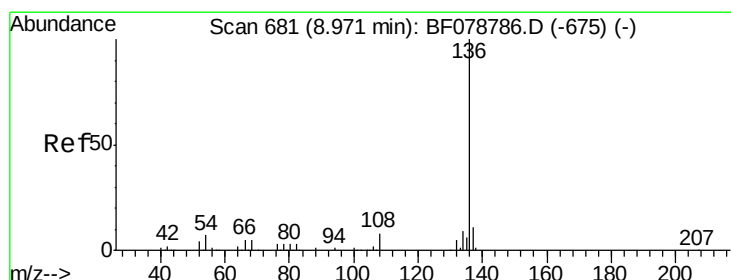
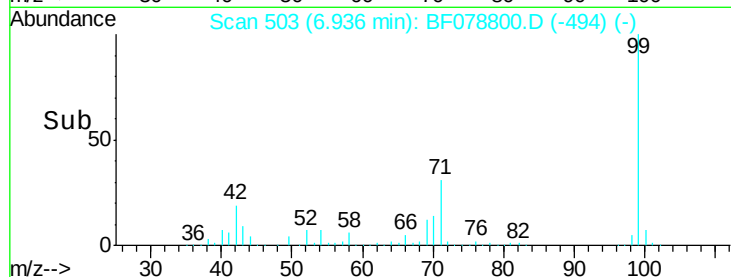
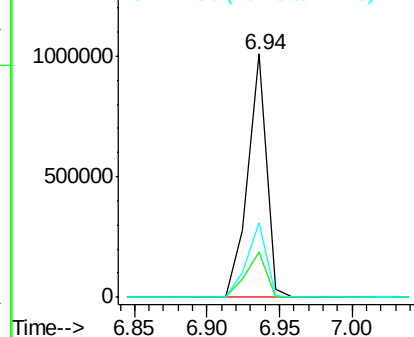
99 100

42 18.6 12.8 19.2

71 30.7 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: BF078800.D

Acq: 29 Apr 2015 3:36

Tgt Ion: 136 Resp: 366668

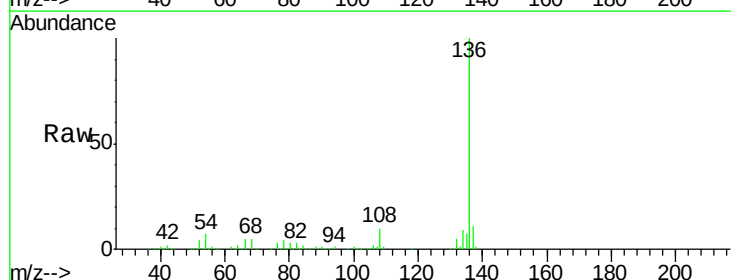
Ion Ratio Lower Upper

136 100

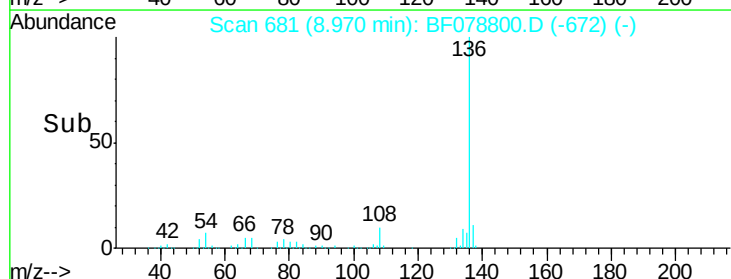
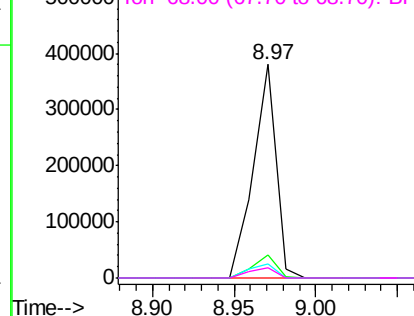
137 10.6 8.7 13.1

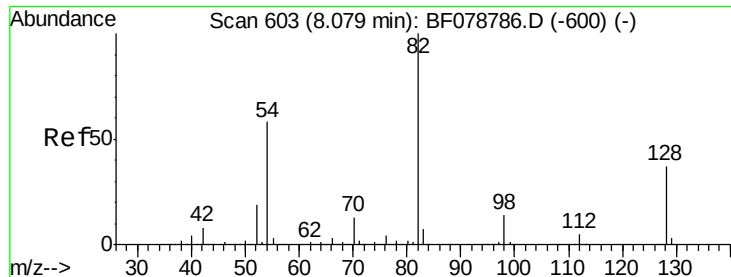
54 6.9 5.8 8.8

68 5.1 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

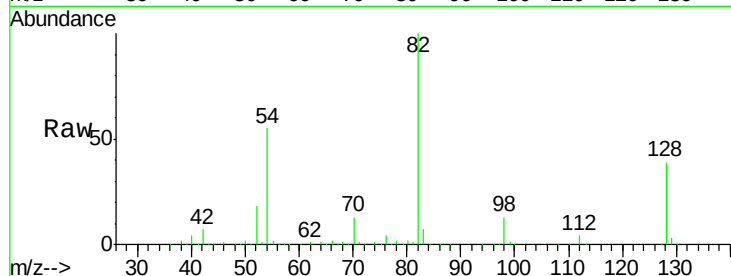




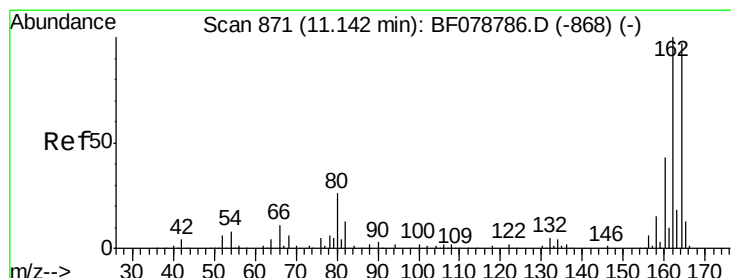
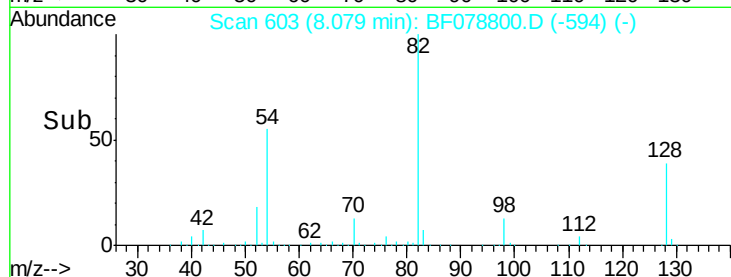
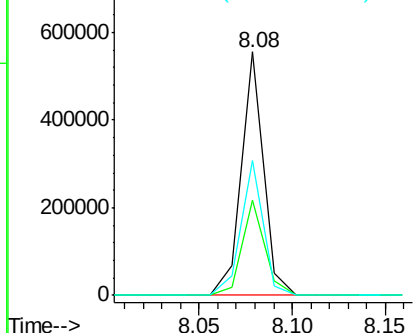
#23
 Nitrobenzene-d5
 Concen: 91.01 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF078800.D
 Acq: 29 Apr 2015 3:36

Instrument :
 BNA_F
 ClientSampleId :
 PB82973TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.0	45.0
54	55.5	46.4	69.6

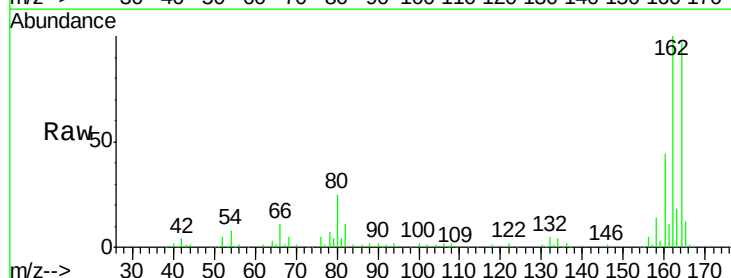


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

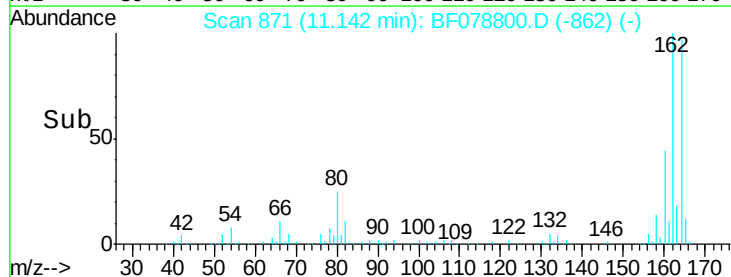
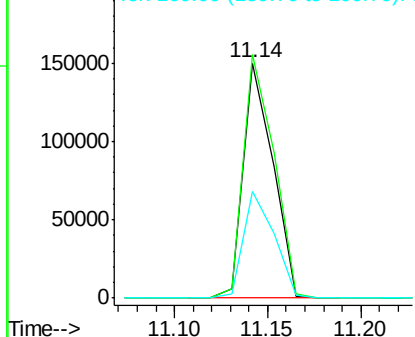


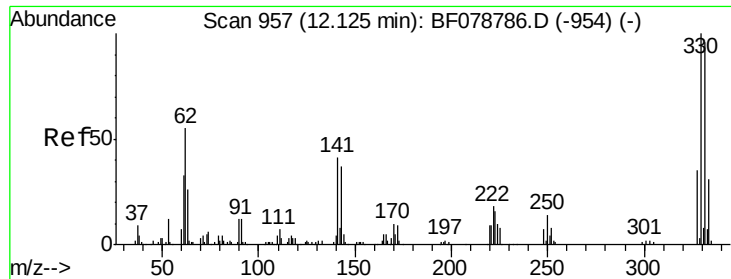
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078800.D
 Acq: 29 Apr 2015 3:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.7	124.1
160	45.6	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

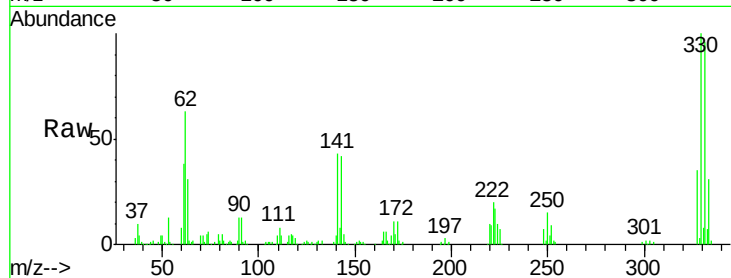




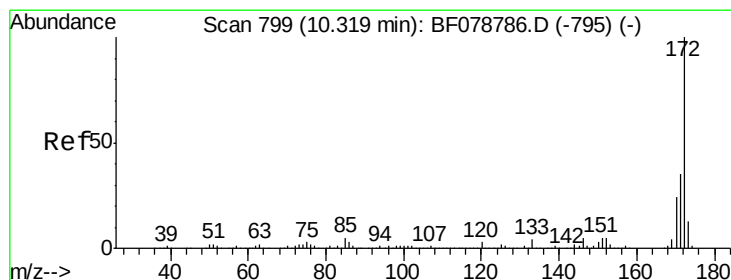
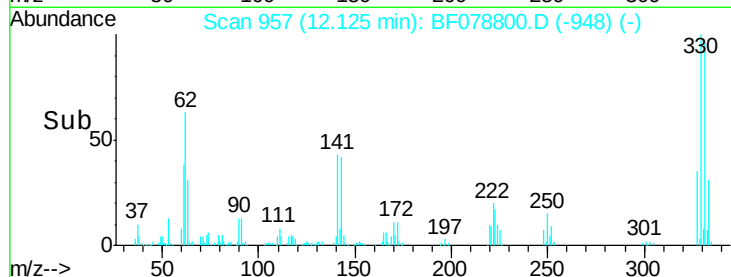
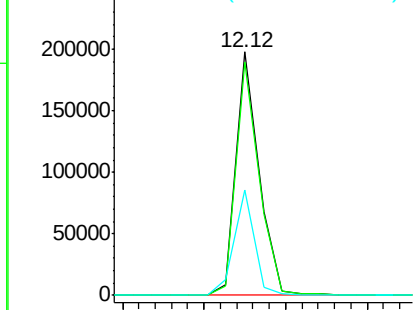
#41
 2,4,6-Tribromophenol
 Concen: 117.96 ng
 RT: 12.12 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078800.D
 Acq: 29 Apr 2015 3:36

Instrument :
 BNA_F
 ClientSampleId :
 PB82973TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	38.3	0.0	0.0#

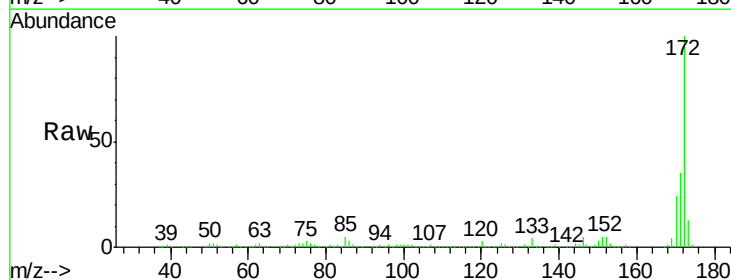


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

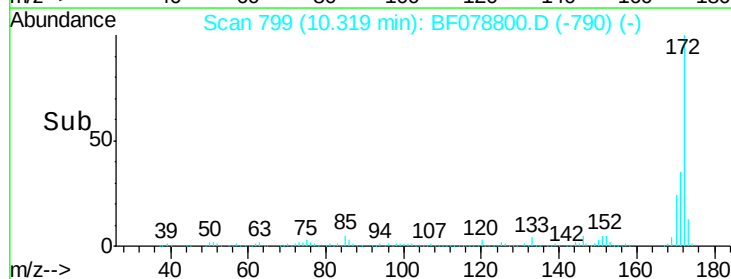
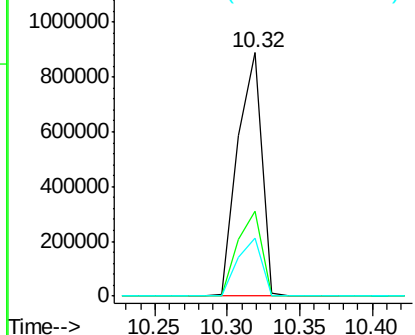


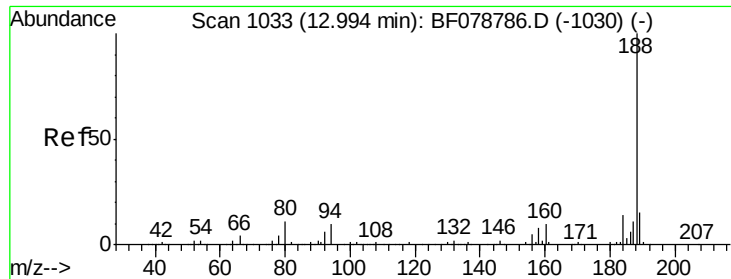
#44
 2-Fluorobiphenyl
 Concen: 84.94 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078800.D
 Acq: 29 Apr 2015 3:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.6	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

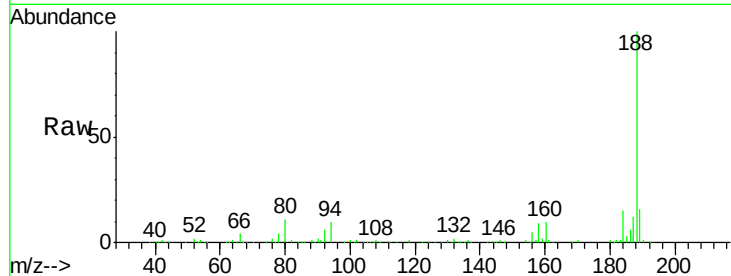




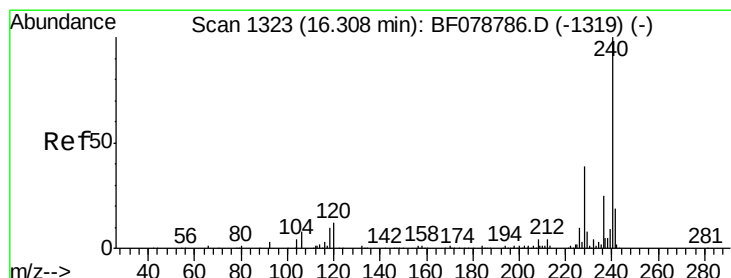
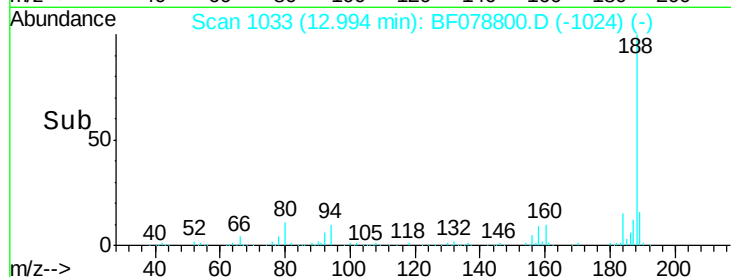
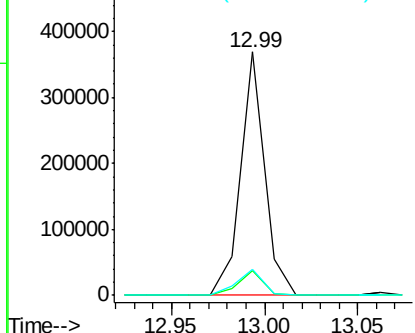
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078800.D
Acq: 29 Apr 2015 3:36

Instrument :
BNA_F
ClientSampleId :
PB82973TB

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	331745		
94	10.1		8.2	12.2
80	10.8		8.9	13.3

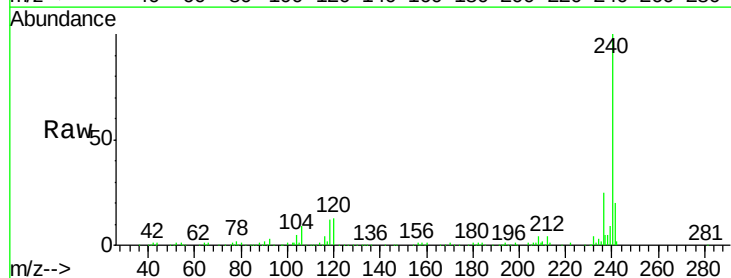


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

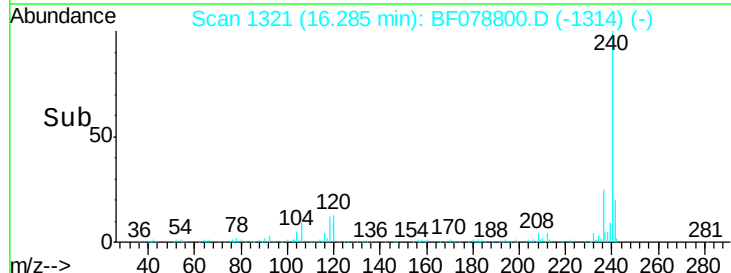
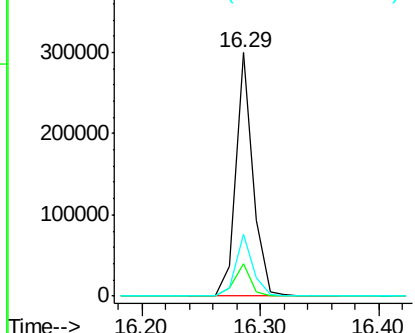


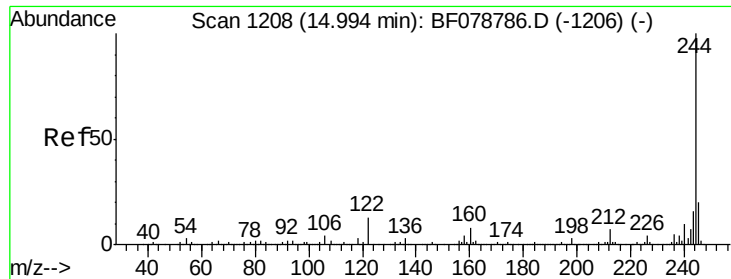
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF078800.D
Acq: 29 Apr 2015 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	303024		
120	13.2		9.7	14.5
236	25.2		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: 90.60 ng

RT: 14.99 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF078800.D

Acq: 29 Apr 2015 3:36

Instrument :

BNA_F

ClientSampleId :

PB82973TB

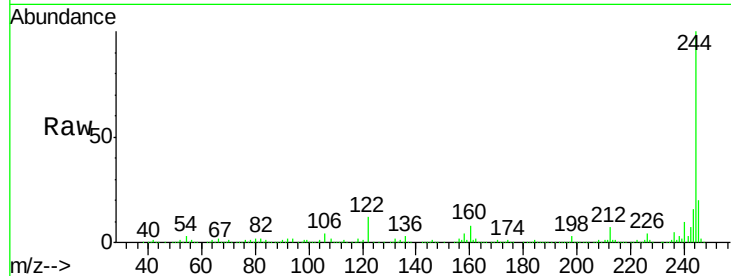
Tgt Ion:244 Resp: 1152780

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

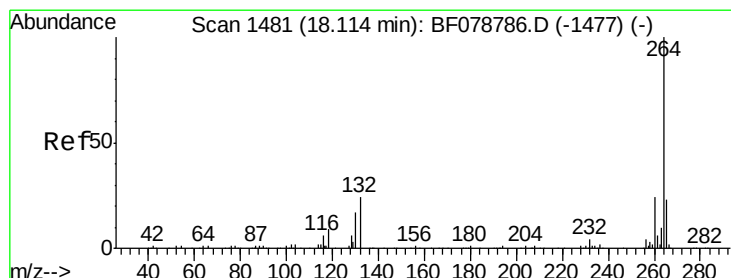
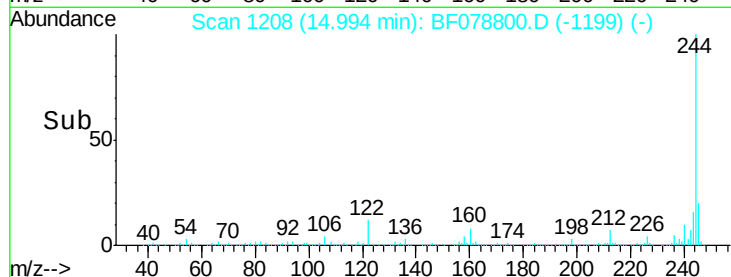
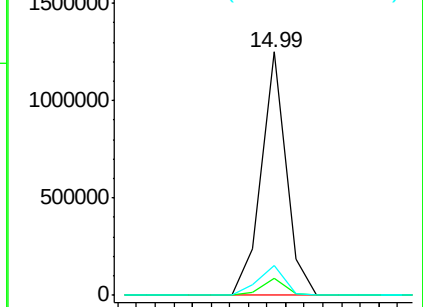
122 12.4 10.3 15.5



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: 18.00 min Scan# 1471

Delta R.T. -0.11 min

Lab File: BF078800.D

Acq: 29 Apr 2015 3:36

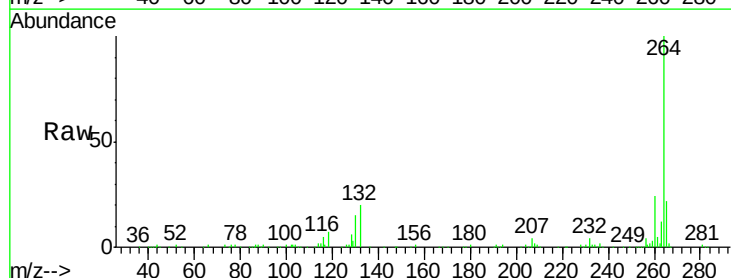
Tgt Ion:264 Resp: 288445

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.7 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

