

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
 Data File : BF077673.D
 Acq On : 10 Mar 2015 21:00
 Operator : TP/IZ
 Sample : PB82055BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82055BL

Quant Time: Mar 11 01:17:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	56475	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	220310	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	108741	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	214836	20.00	ng	0.00
75) Chrysene-d12	16.07	240	230905	20.00	ng	-0.01
86) Perylene-d12	17.88	264	225868	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	404178	119.48	ng	0.00
7) Phenol-d6	6.75	99	532914	122.52	ng	0.00
23) Nitrobenzene-d5	7.87	82	283153	79.92	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	126140	120.47	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	637625	91.43	ng	0.00
78) Terphenyl-d14	14.76	244	750916	76.03	ng	0.00

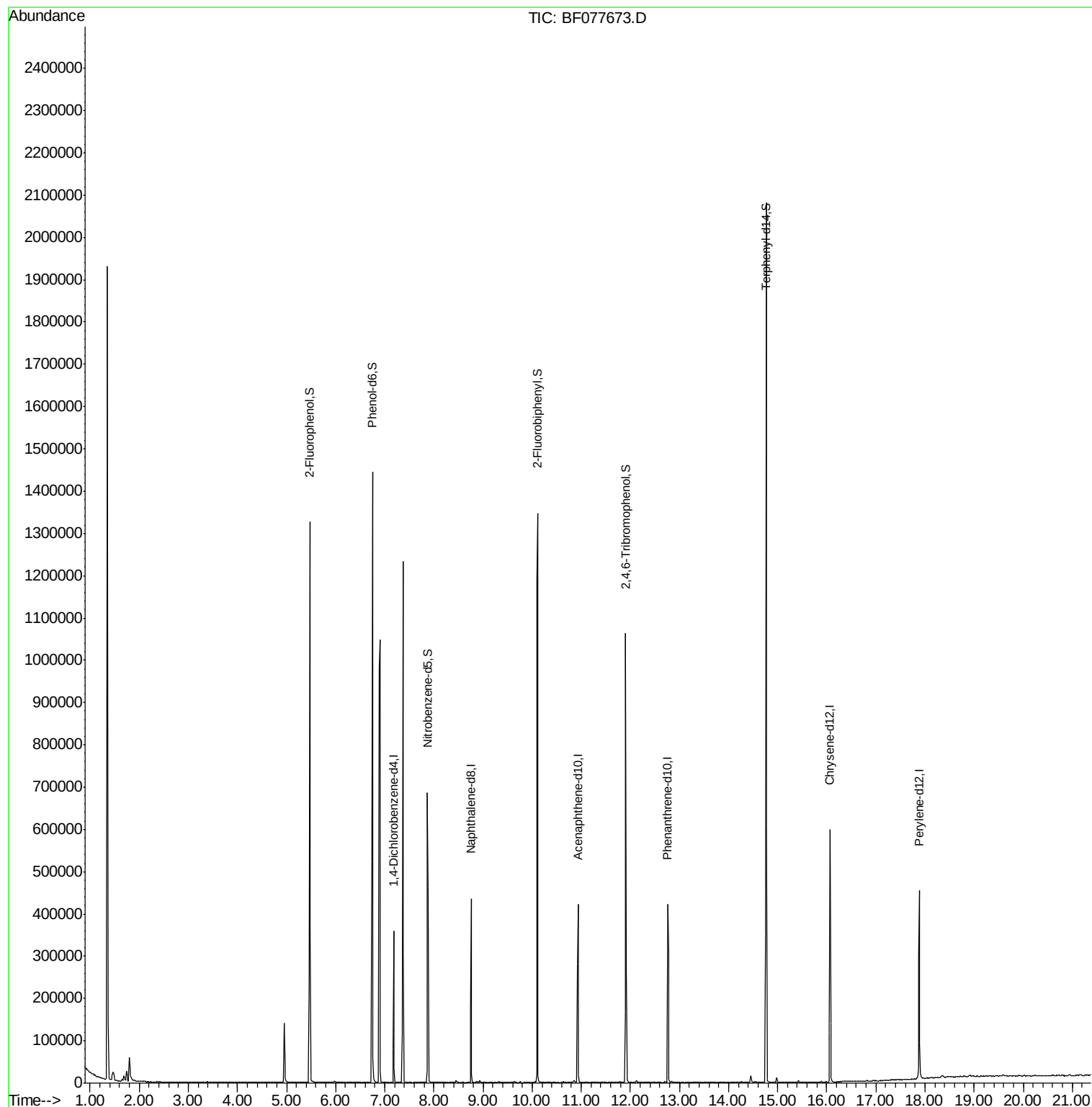
Target Compounds Qvalue

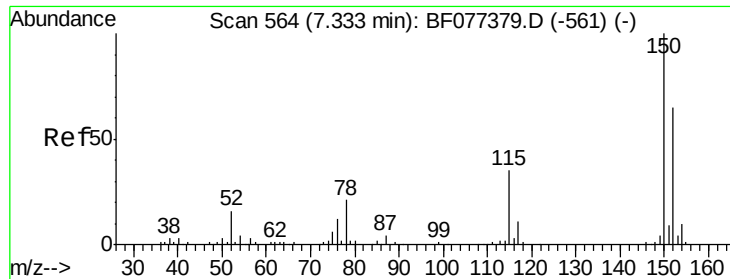
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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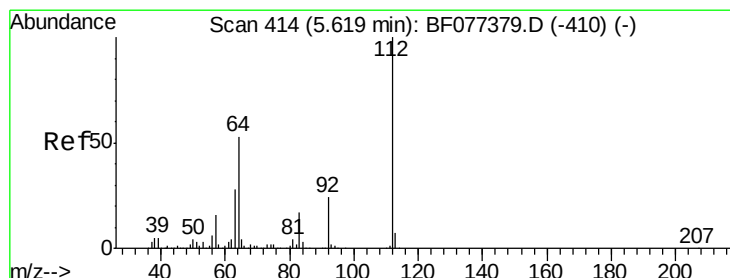
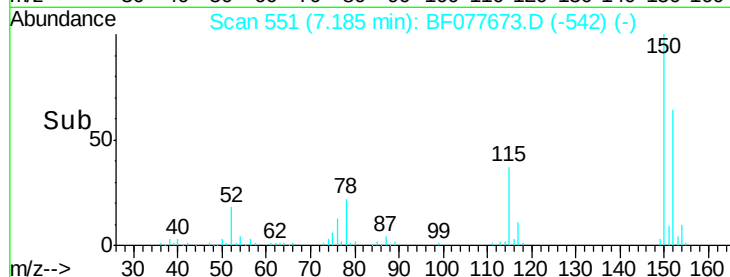
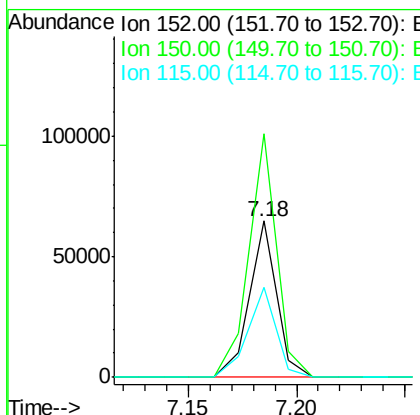
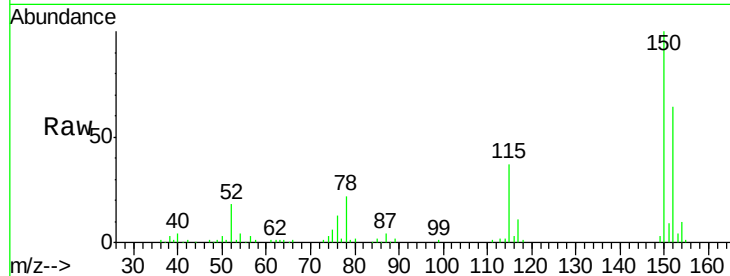




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF077673.D
 Acq: 10 Mar 2015 21:00

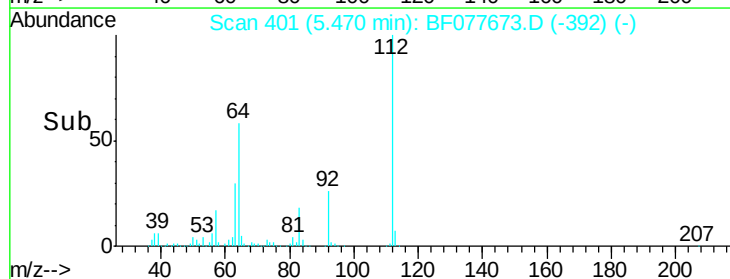
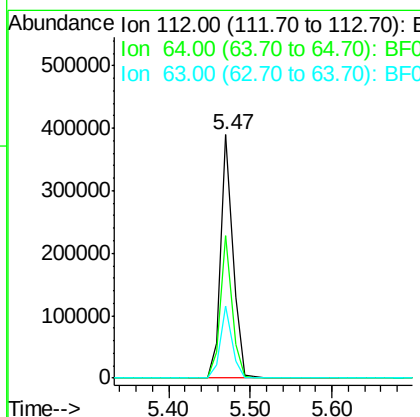
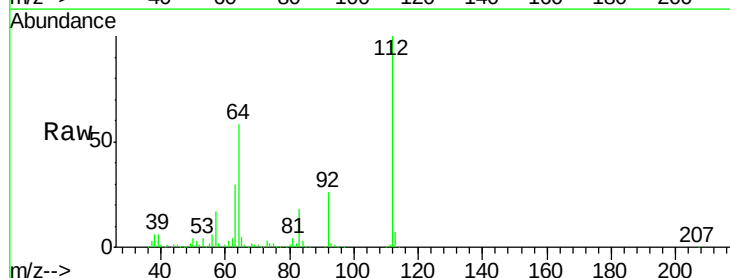
Instrument :
 BNA_F
 ClientSampleId :
 PB82055BL

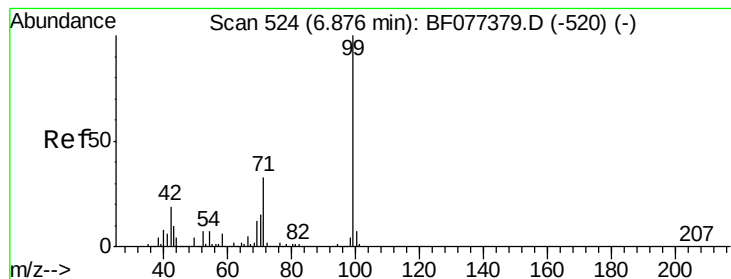
Tot Ion:152 Resp: 56475
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.0 186.0
 115 57.4 49.4 74.2



#5
 2-Fluorophenol
 Concen: 119.48 ng
 RT: 5.47 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF077673.D
 Acq: 10 Mar 2015 21:00

Tgt Ion:112 Resp: 404178
 Ion Ratio Lower Upper
 112 100
 64 58.3 48.5 72.7
 63 29.8 25.0 37.4





#7

Phenol-d6

Concen: 122.52 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077673.D

Acq: 10 Mar 2015 21:00

Instrument :

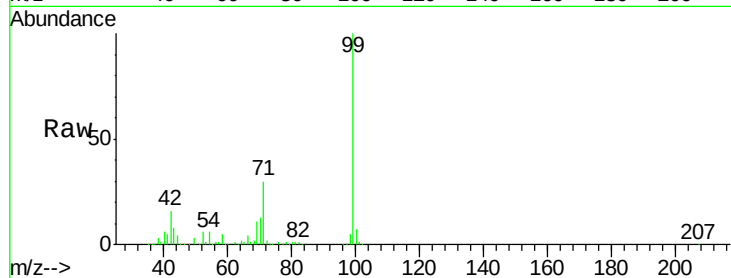
BNA_F

ClientSampleId :

PB82055BL

Tot Ion: 99 Resp: 532914

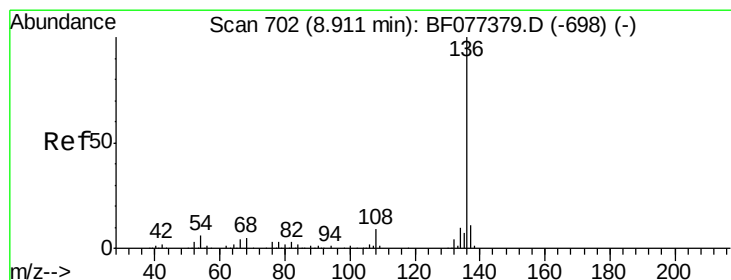
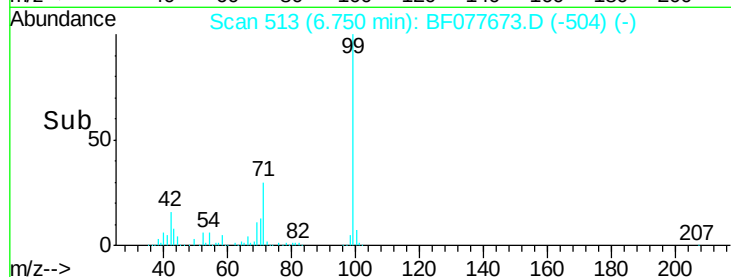
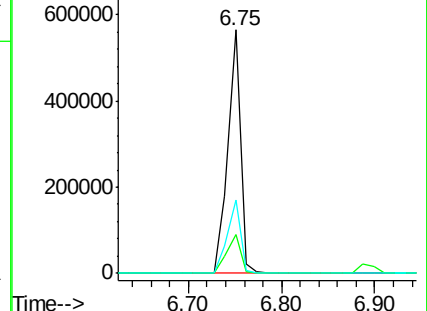
Ion	Ratio	Lower	Upper
99	100		
42	15.7	16.2	24.4#
71	30.3	26.7	40.1



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: 8.76 min Scan# 689

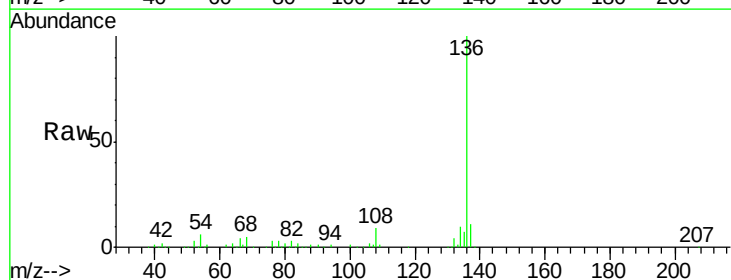
Delta R.T. -0.00 min

Lab File: BF077673.D

Acq: 10 Mar 2015 21:00

Tgt Ion: 136 Resp: 220310

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.0	6.2	9.4#
68	5.3	5.0	7.6

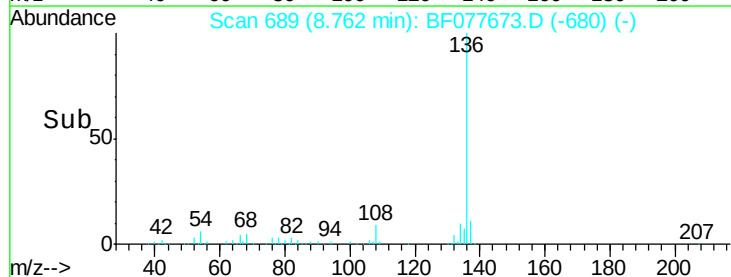
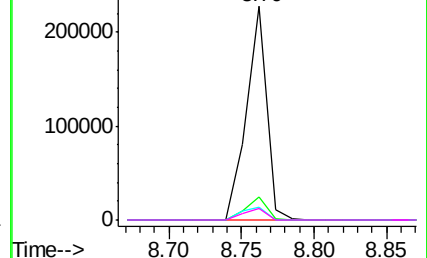


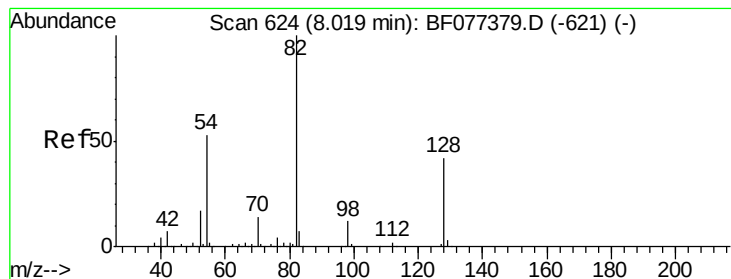
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.92 ng

RT: 7.87 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF077673.D

Acq: 10 Mar 2015 21:00

Instrument :

BNA_F

ClientSampled :

PB82055BL

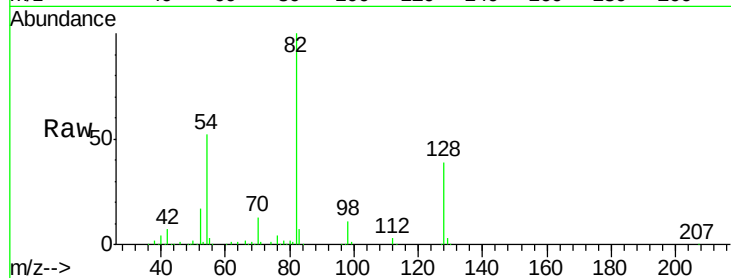
Tot Ion: 82 Resp: 283153

Ion Ratio Lower Upper

82 100

128 39.3 43.8 65.8#

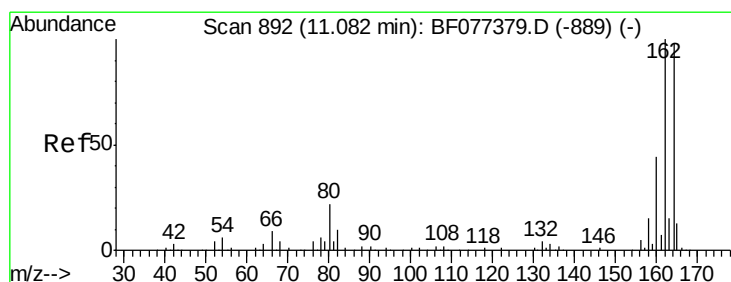
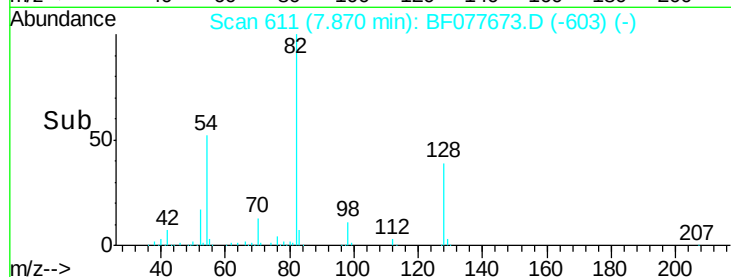
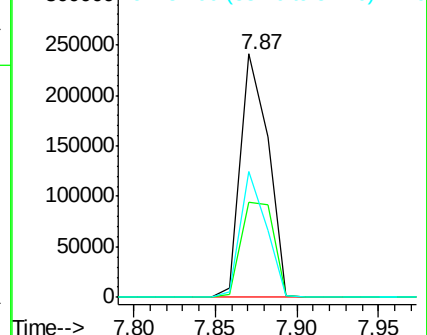
54 51.7 36.7 55.1



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: 10.93 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF077673.D

Acq: 10 Mar 2015 21:00

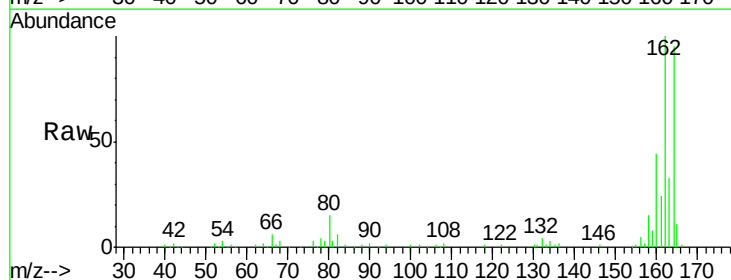
Tgt Ion:164 Resp: 108741

Ion Ratio Lower Upper

164 100

162 105.6 83.2 124.8

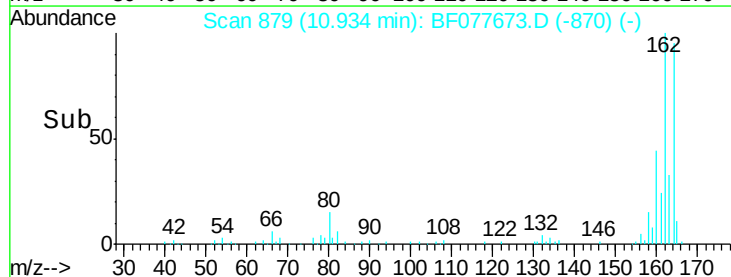
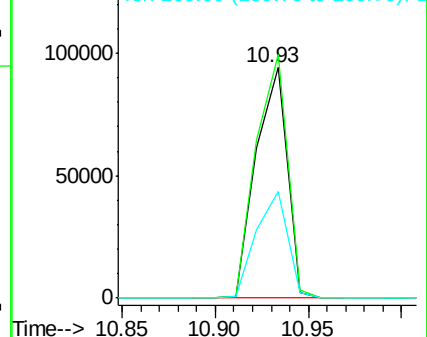
160 46.1 34.6 52.0

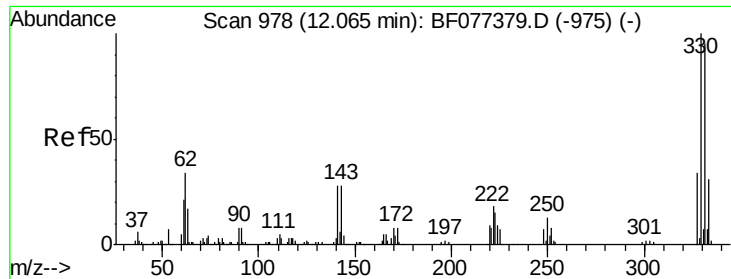


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

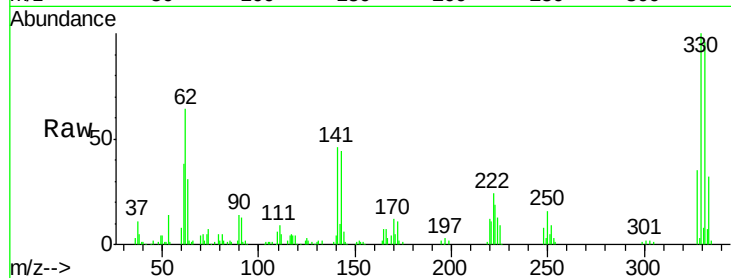




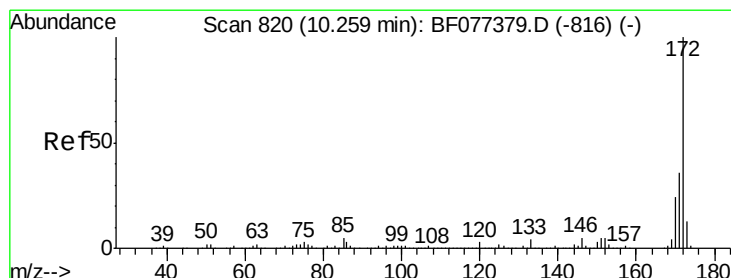
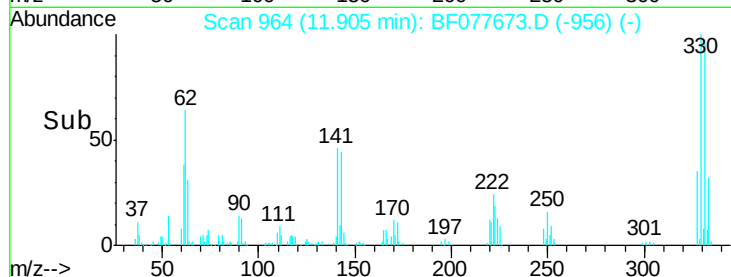
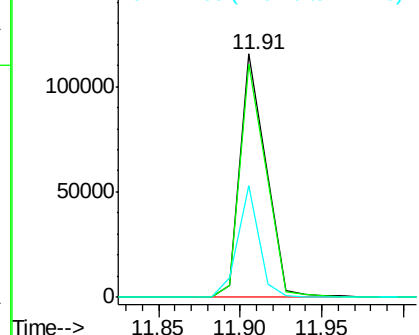
#41
 2,4,6-Tribromophenol
 Concen: 120.47 ng
 RT: 11.91 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF077673.D
 Acq: 10 Mar 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB82055BL

Tot Ion:330 Resp: 126140
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 38.2 28.8 43.2

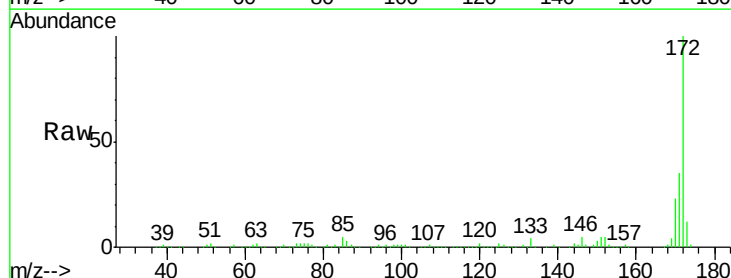


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

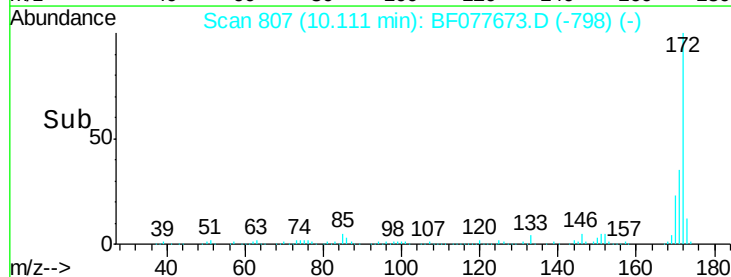
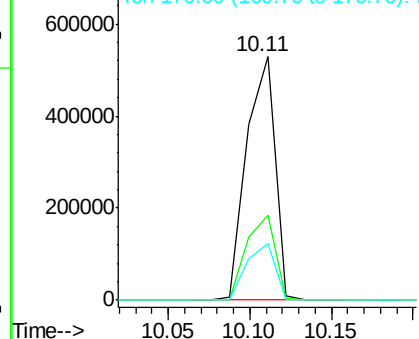


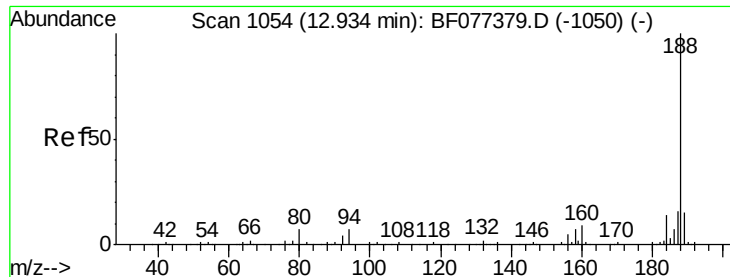
#44
 2-Fluorobiphenyl
 Concen: 91.43 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077673.D
 Acq: 10 Mar 2015 21:00

Tgt Ion:172 Resp: 637625
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.3 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

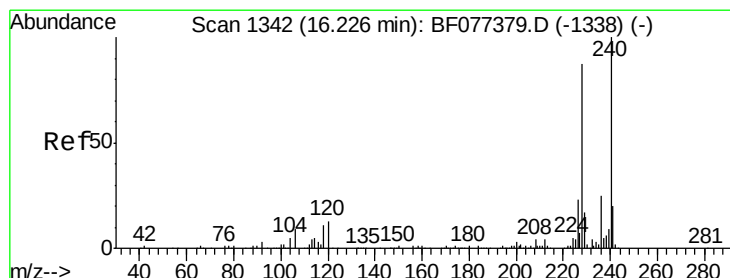
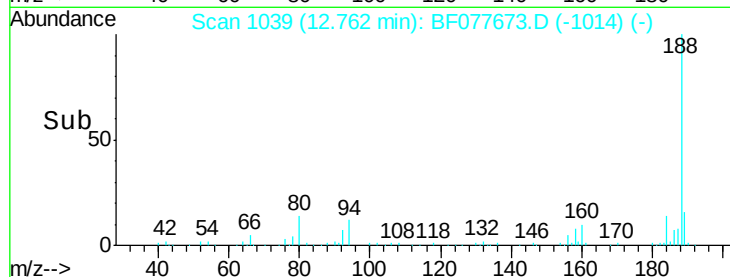
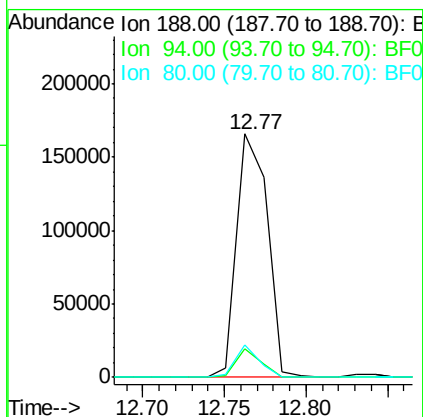
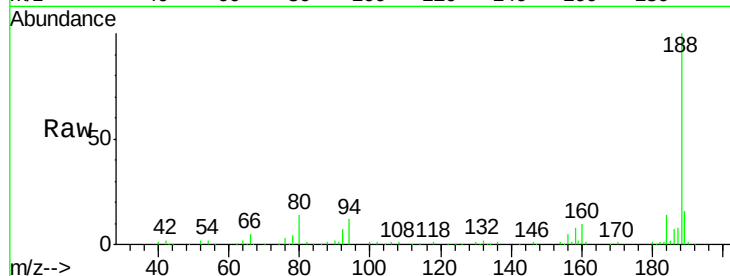




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF077673.D
Acq: 10 Mar 2015 21:00

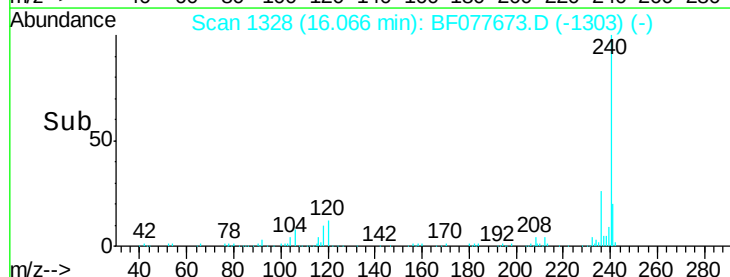
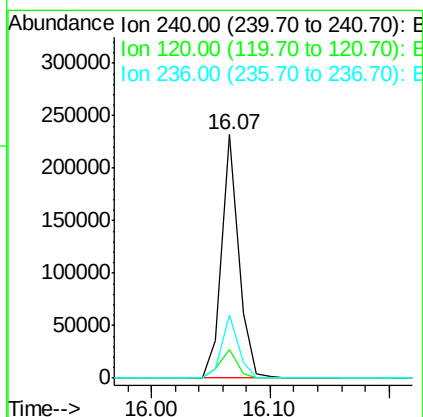
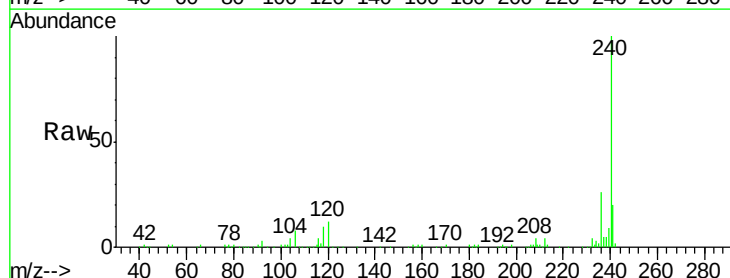
Instrument :
BNA_F
ClientSampleId :
PB82055BL

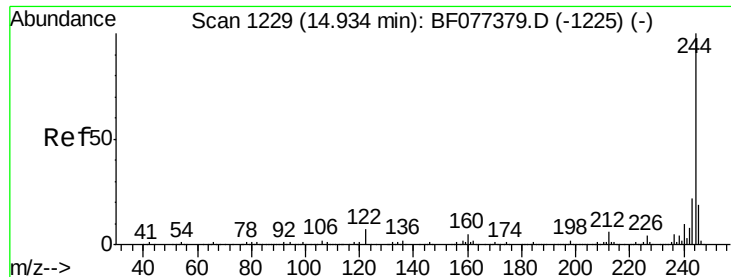
Tot Ion:188 Resp: 214836
Ion Ratio Lower Upper
188 100
94 11.9 7.4 11.2#
80 13.6 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF077673.D
Acq: 10 Mar 2015 21:00

Tgt Ion:240 Resp: 230905
Ion Ratio Lower Upper
240 100
120 11.7 8.8 13.2
236 26.2 20.7 31.1

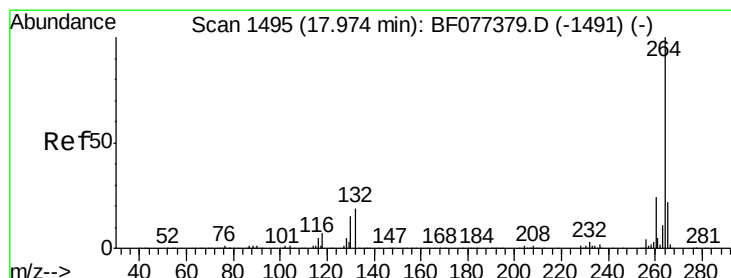
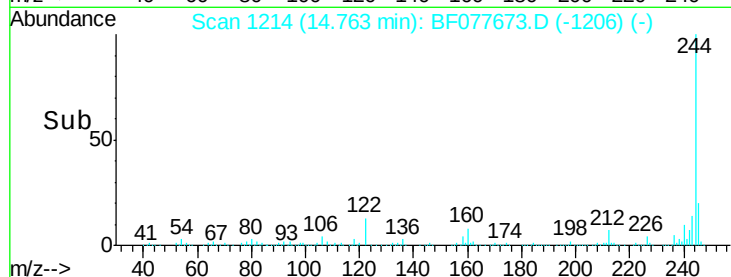
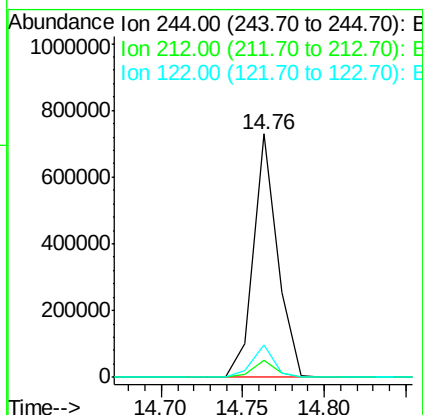
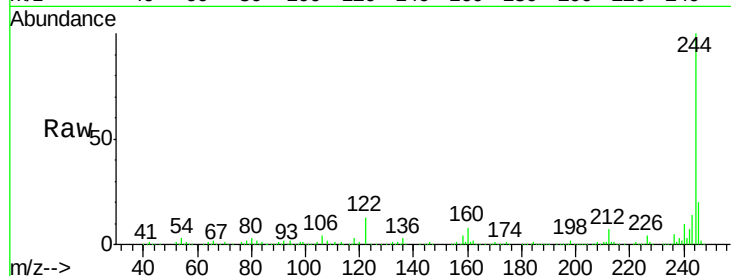




#78
 Terphenyl-d14
 Concen: 76.03 ng
 RT: 14.76 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF077673.D
 Acq: 10 Mar 2015 21:00

Instrument :
 BNA_F
 ClientSampleID :
 PB82055BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	13.5	7.8	11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.88 min Scan# 1487
 Delta R.T. -0.02 min
 Lab File: BF077673.D
 Acq: 10 Mar 2015 21:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.4	16.8	25.2

