

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078031.D
 Acq On : 27 Mar 2015 9:49
 Operator : TP/IZ
 Sample : G1611-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Quant Time: Mar 27 15:14:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	43679	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	176241	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	87930	20.00	ng	-0.07
63) Phenanthrene-d10	12.68	188	173663	20.00	ng	-0.07
75) Chrysene-d12	15.95	240	185757	20.00	ng	-0.18
86) Perylene-d12	17.70	264	179059	20.00	ng	-0.40
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	125006	49.96	ng	-0.05
7) Phenol-d6	6.69	99	91880	29.72	ng	-0.03
23) Nitrobenzene-d5	7.79	82	226616	84.29	ng	-0.07
41) 2,4,6-Tribromophenol	11.82	330	102843	122.24	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	489002	81.73	ng	-0.07
78) Terphenyl-d14	14.67	244	579249	76.17	ng	-0.09

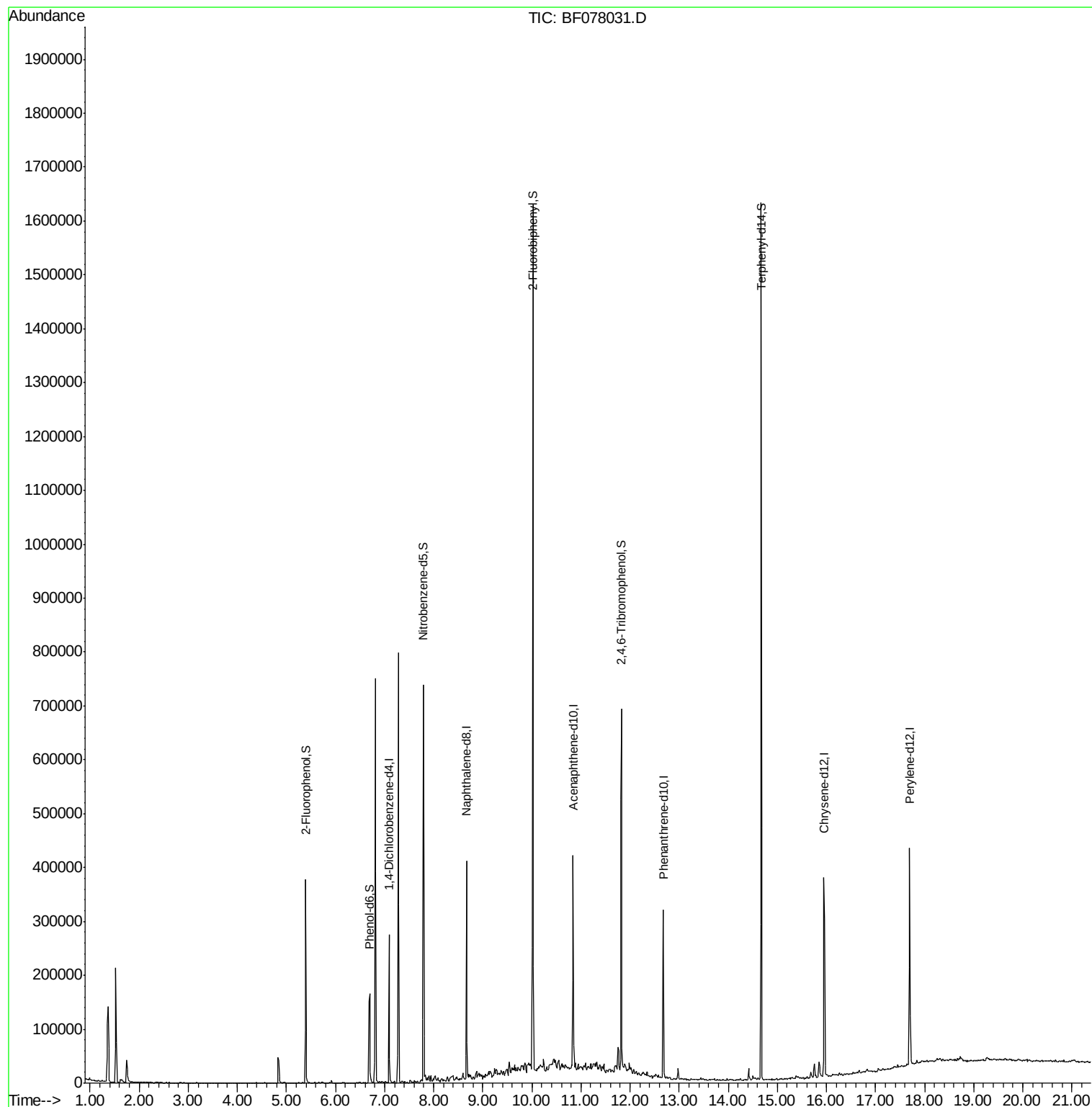
Target Compounds	Qvalue
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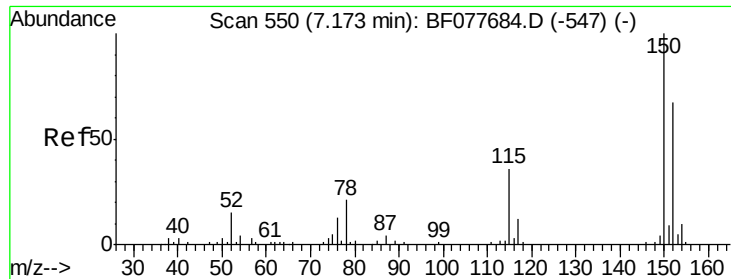
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.07 min

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MW-36

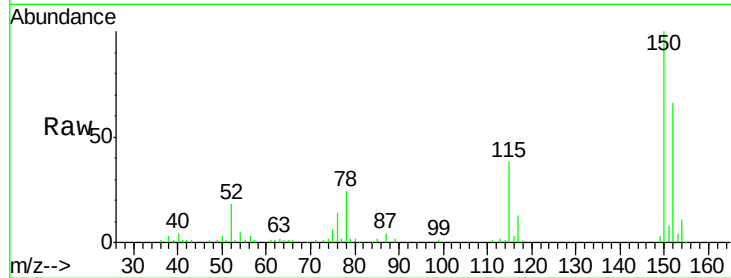
Tgt Ion:152 Resp: 43679

Ion Ratio Lower Upper

152 100

150 151.1 119.5 179.3

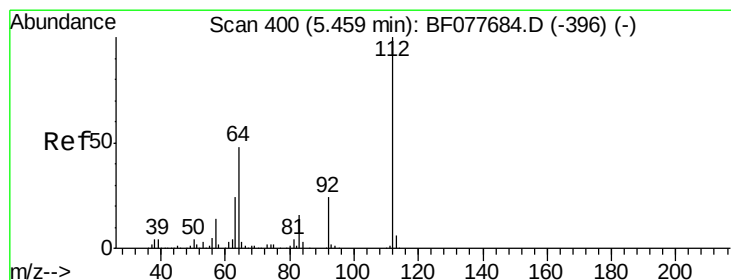
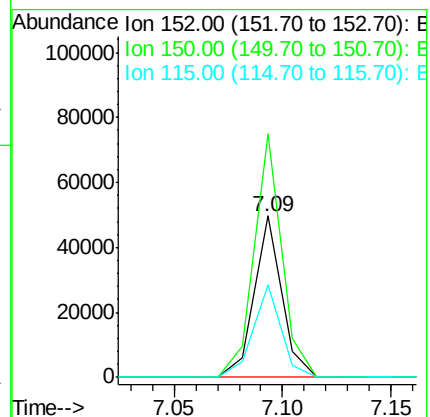
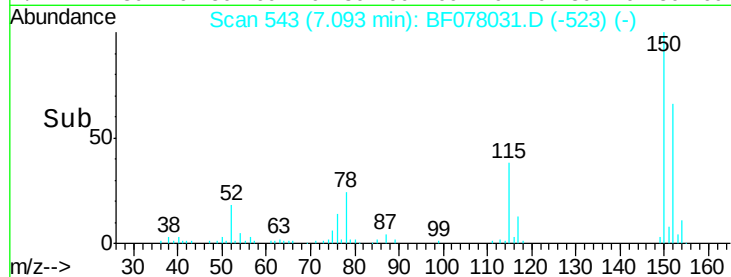
115 57.4 43.0 64.4



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: 49.96 ng

RT: 5.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

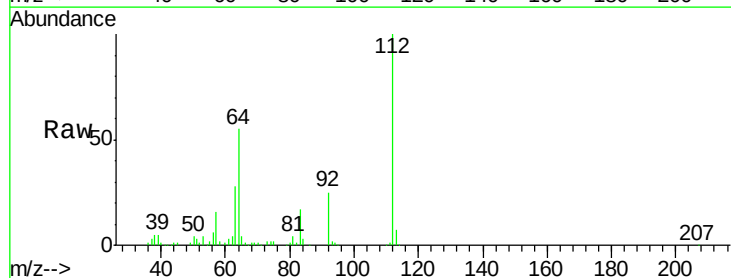
Tgt Ion:112 Resp: 125006

Ion Ratio Lower Upper

112 100

64 55.2 38.6 57.8

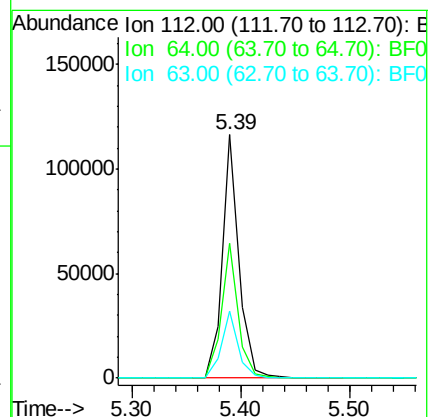
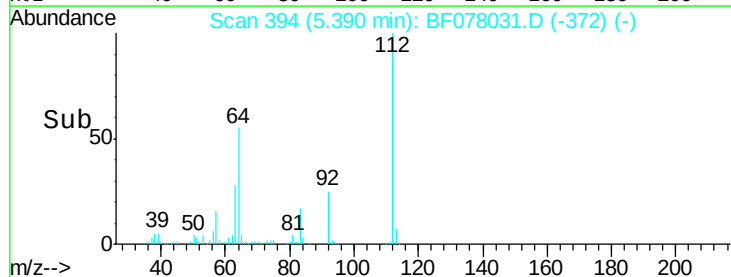
63 27.7 19.3 28.9

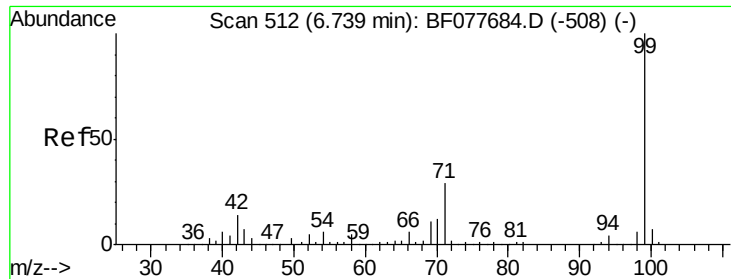


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.72 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

Instrument :

BNA_F

ClientSampleId :

MW-36

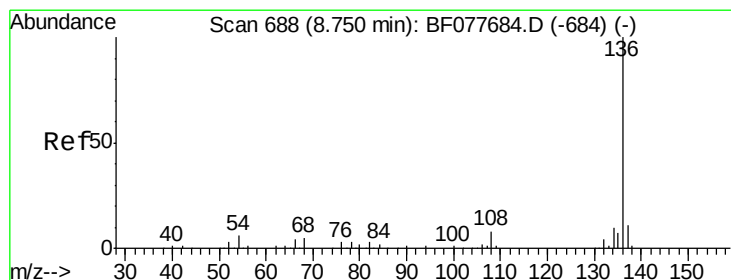
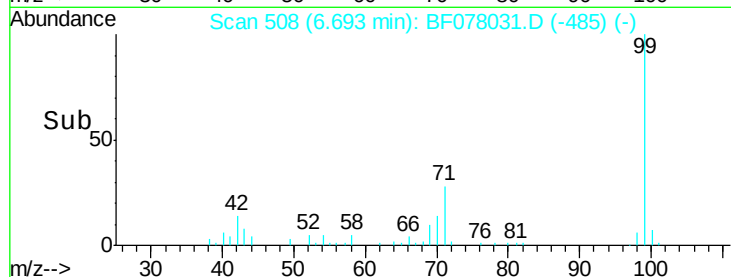
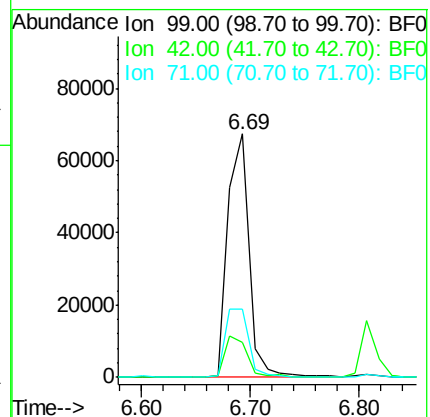
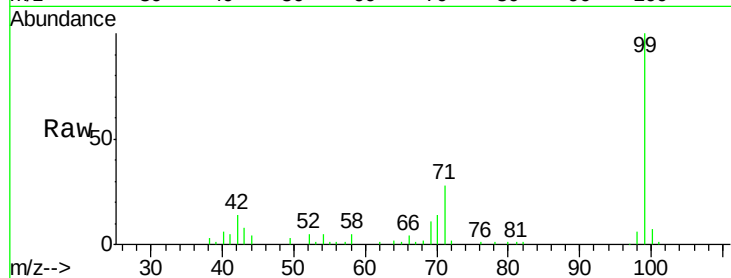
Tgt Ion: 99 Resp: 91880

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

71 27.9 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. -0.07 min

Lab File: BF078031.D

Acq: 27 Mar 2015 9:49

Tgt Ion: 136 Resp: 176241

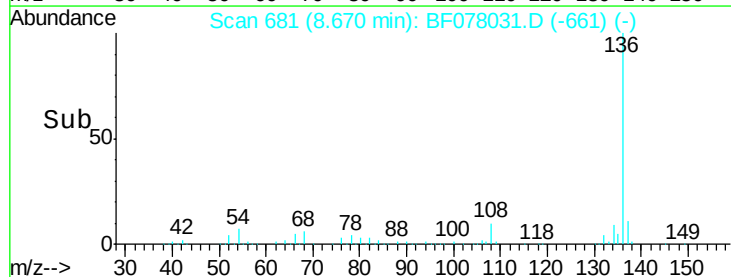
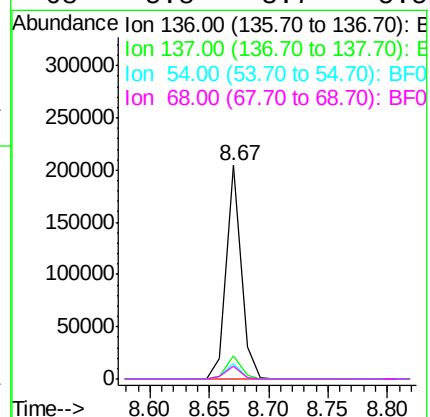
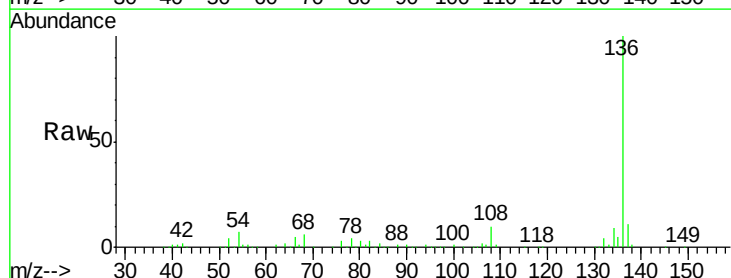
Ion Ratio Lower Upper

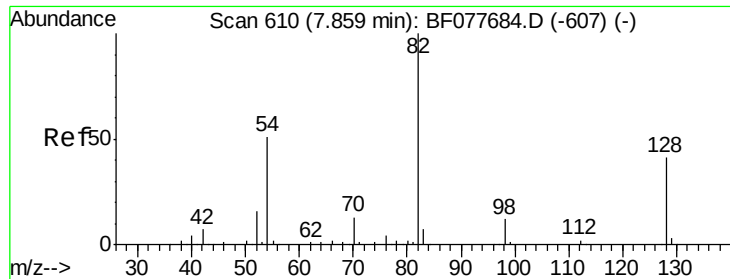
136 100

137 10.5 8.7 13.1

54 7.1 4.6 6.8#

68 5.8 3.7 5.5#

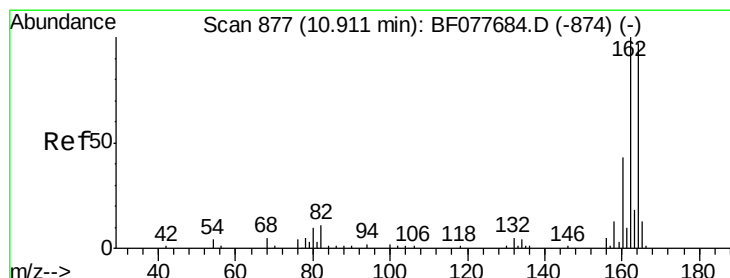
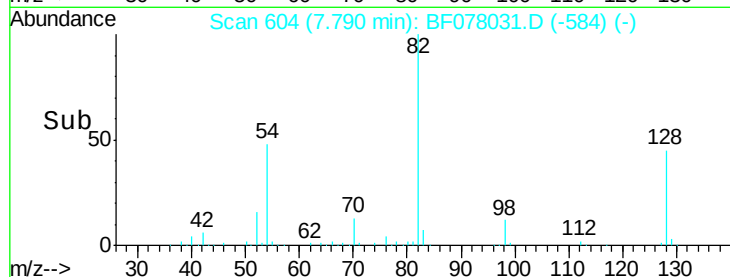
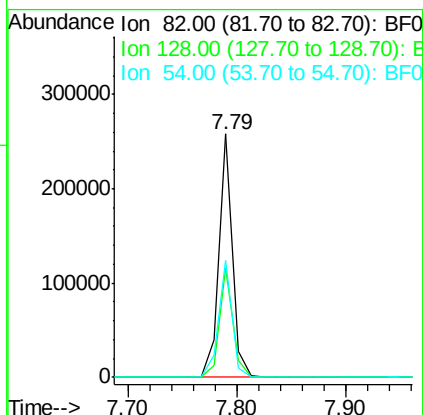
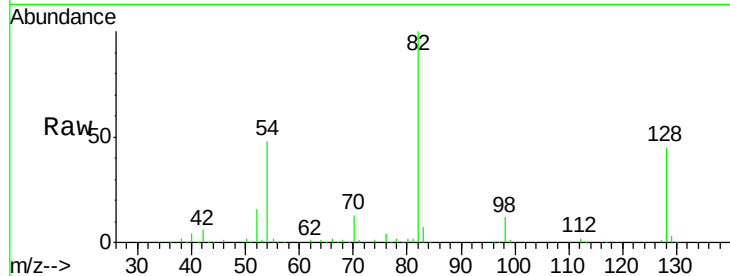




#23
 Nitrobenzene-d5
 Concen: 84.29 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.07 min
 Lab File: BF078031.D
 Acq: 27 Mar 2015 9:49

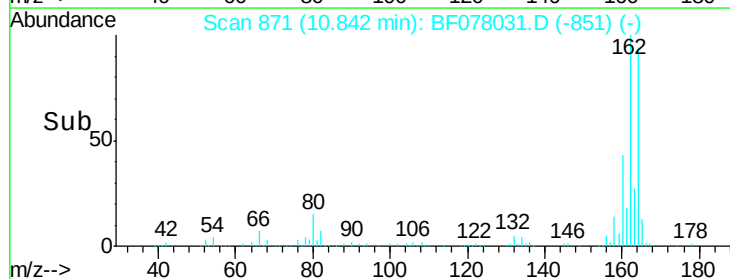
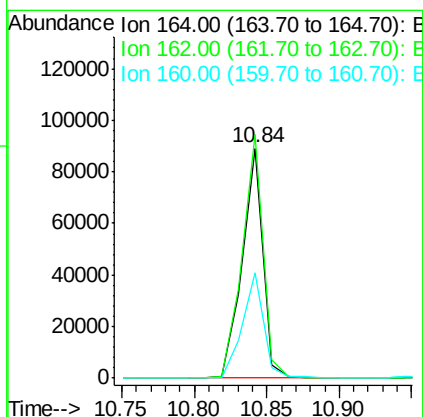
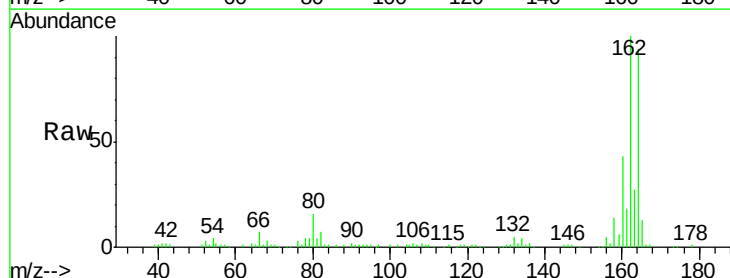
Instrument :
 BNA_F
 ClientSampleId :
 MW-36

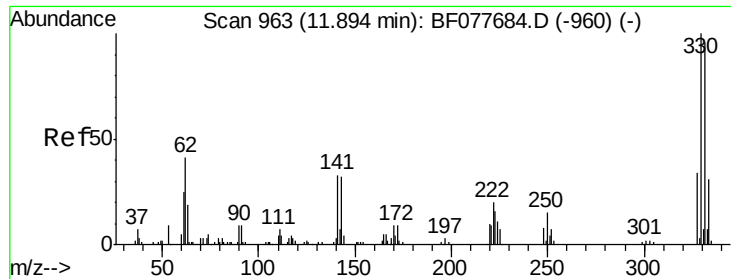
Tgt Ion: 82 Resp: 226616
 Ion Ratio Lower Upper
 82 100
 128 45.0 32.8 49.2
 54 47.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.07 min
 Lab File: BF078031.D
 Acq: 27 Mar 2015 9:49

Tgt Ion: 164 Resp: 87930
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.4 123.6
 160 45.7 35.8 53.6

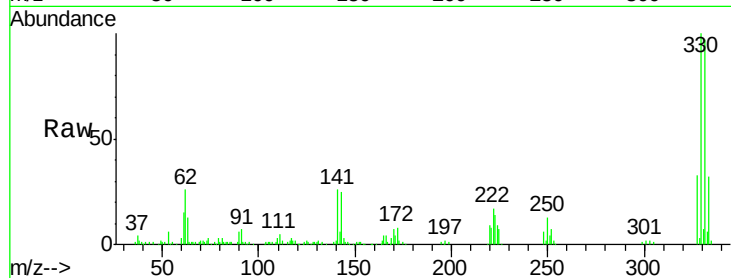




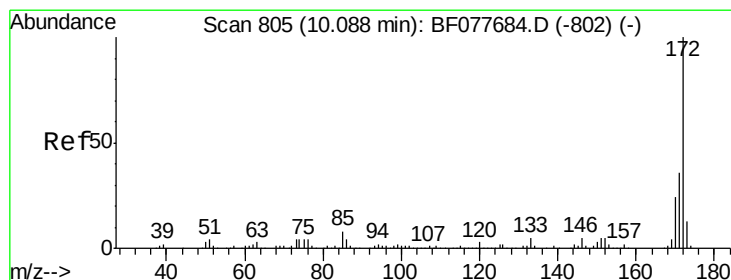
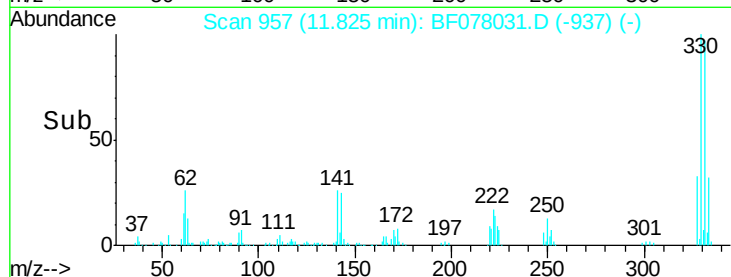
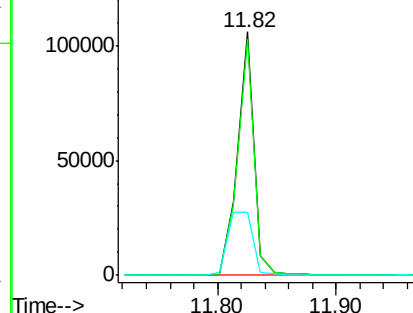
#41
 2,4,6-Tribromophenol
 Concen: 122.24 ng
 RT: 11.82 min Scan# 957
 Delta R.T. -0.07 min
 Lab File: BF078031.D
 Acq: 27 Mar 2015 9:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	38.6	0.0	0.0#

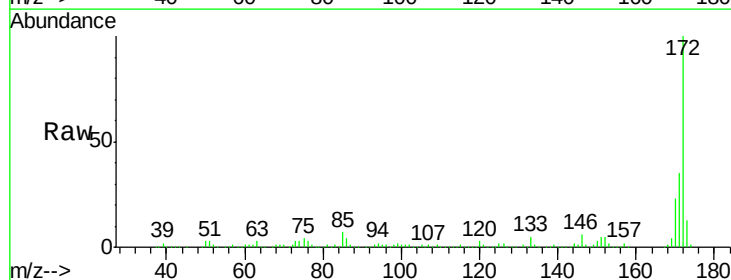


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

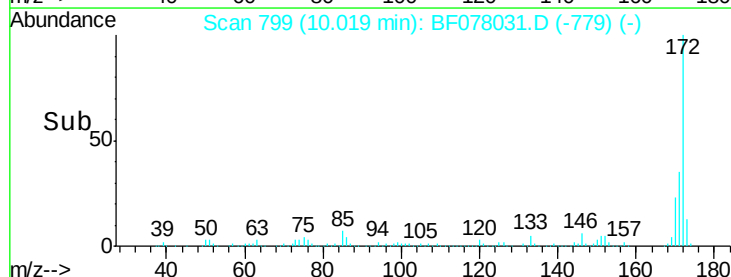
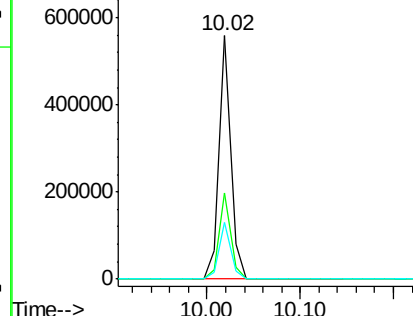


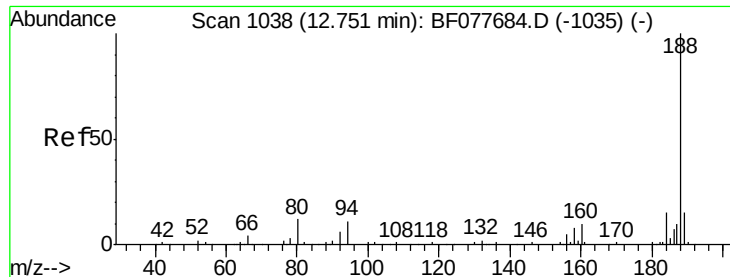
#44
 2-Fluorobiphenyl
 Concen: 81.73 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078031.D
 Acq: 27 Mar 2015 9:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	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

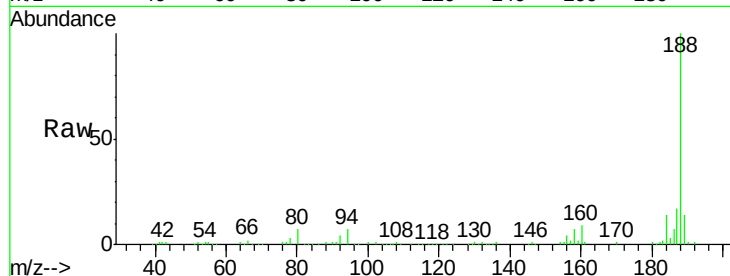




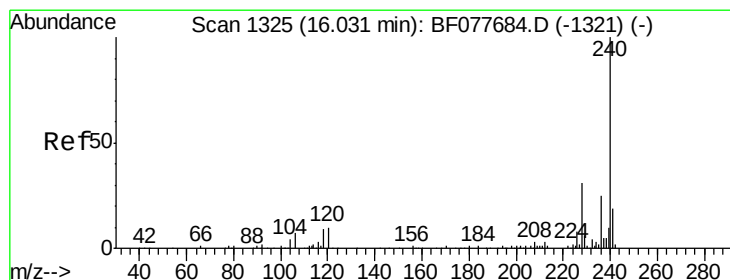
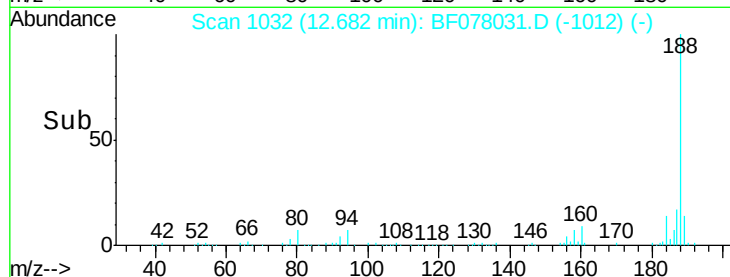
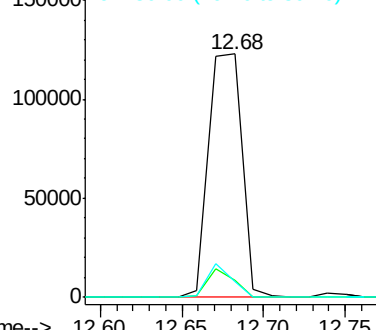
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BF078031.D
Acq: 27 Mar 2015 9:49

Instrument :
BNA_F
ClientSampleId :
MW-36

Tgt Ion:188 Resp: 173663
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 6.6 9.3 13.9#

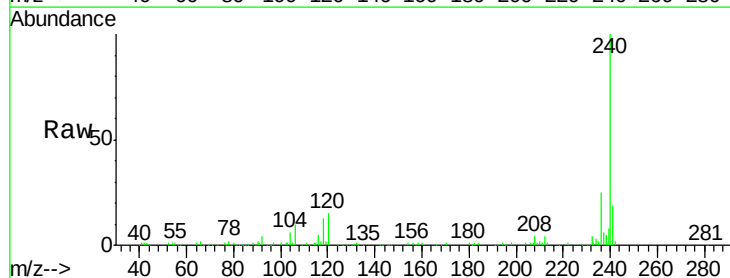


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

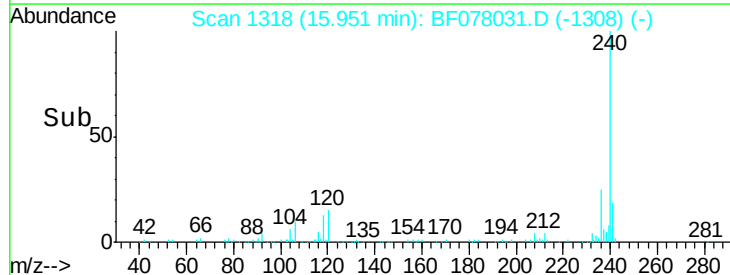
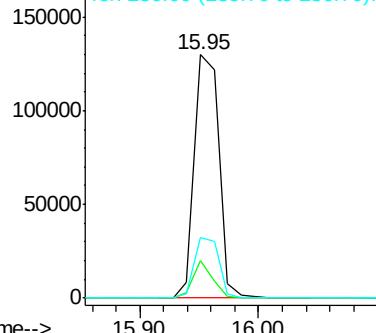


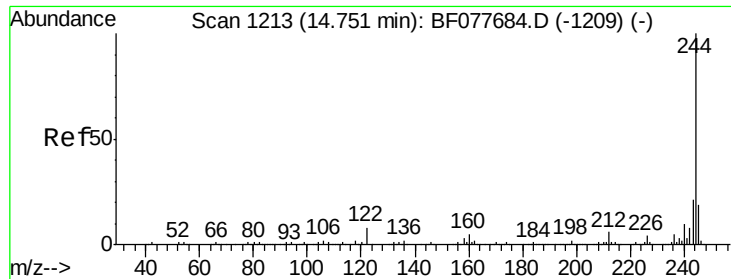
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF078031.D
Acq: 27 Mar 2015 9:49

Tgt Ion:240 Resp: 185757
Ion Ratio Lower Upper
240 100
120 15.4 8.2 12.2#
236 24.7 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

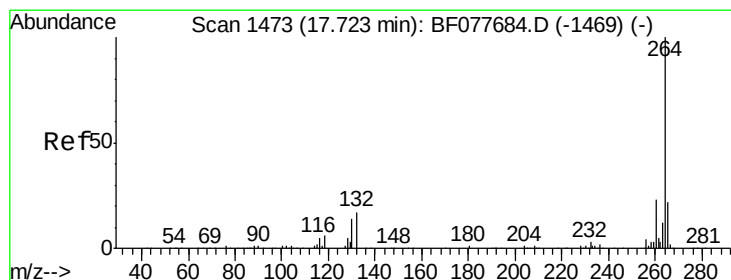
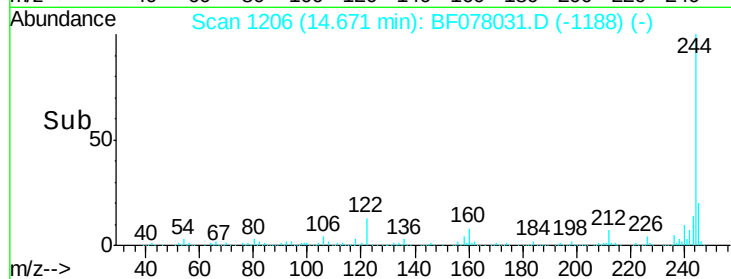
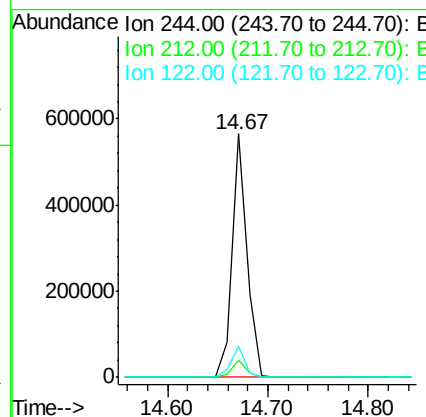
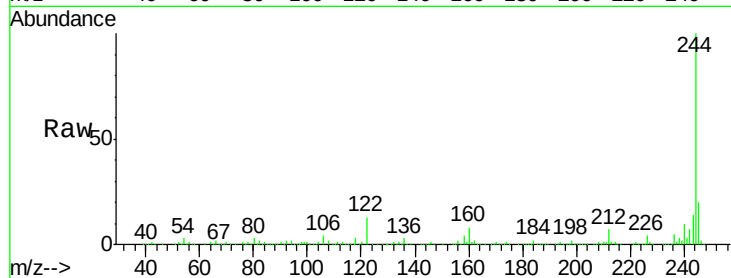




#78
 Terphenyl-d14
 Concen: 76.17 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.09 min
 Lab File: BF078031.D
 Acq: 27 Mar 2015 9:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Tgt Ion: 244 Resp: 579249
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.9 7.3
 122 12.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1471
 Delta R.T. -0.40 min
 Lab File: BF078031.D
 Acq: 27 Mar 2015 9:49

Tgt Ion: 264 Resp: 179059
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 21.0 17.3 25.9

