

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077865.D
 Acq On : 20 Mar 2015 16:07
 Operator : TP/IZ
 Sample : PB82217BL
 Misc : W/DOD
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BL

Quant Time: Mar 21 00:23:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	48516	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	199173	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	102604	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	194211	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	204537	20.00	ng	-0.02
86) Perylene-d12	17.71	264	184562	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	332699	119.70	ng	0.00
7) Phenol-d6	6.70	99	398095	115.93	ng	0.00
23) Nitrobenzene-d5	7.82	82	247411	81.43	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	104646	106.60	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	555730	79.60	ng	0.00
78) Terphenyl-d14	14.71	244	654900	78.21	ng	0.00

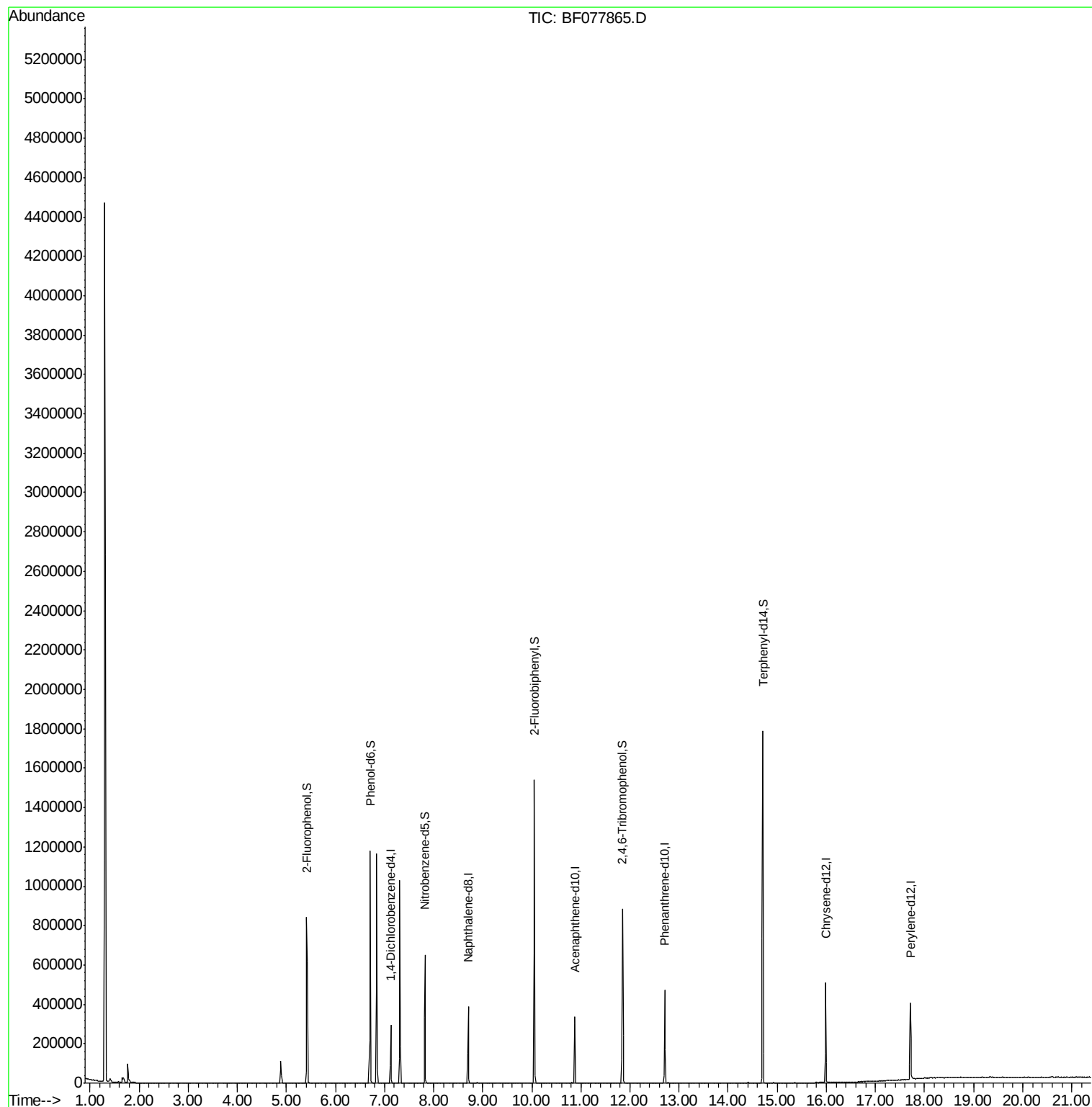
Target Compounds Qvalue

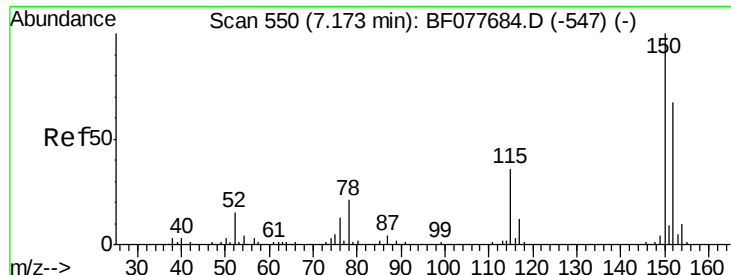
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

Instrument :

BNA_F

ClientSampleId :

PB82217BL

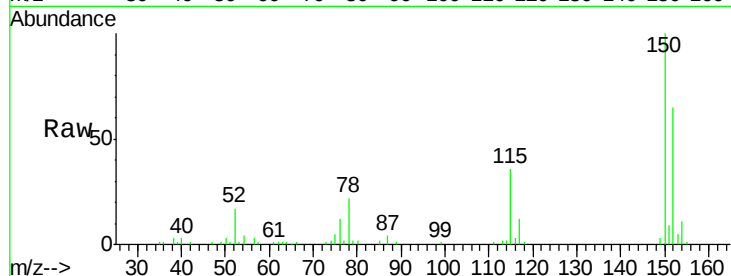
Tot Ion:152 Resp: 48516

Ion Ratio Lower Upper

152 100

150 154.6 119.5 179.3

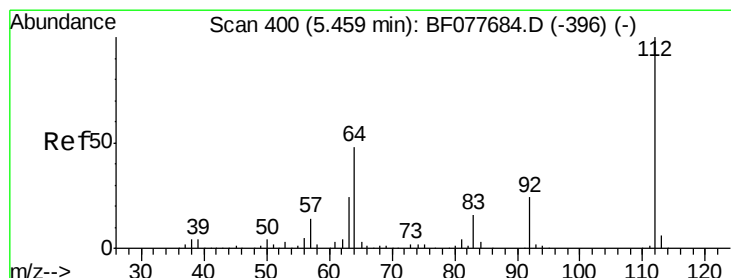
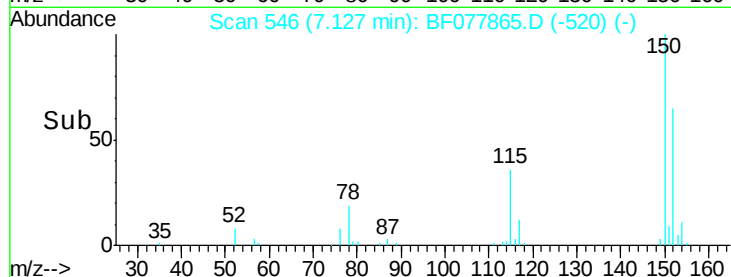
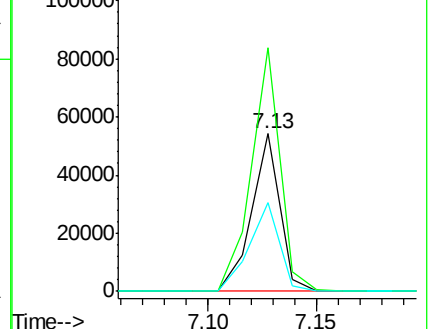
115 56.3 43.0 64.4



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: 119.70 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

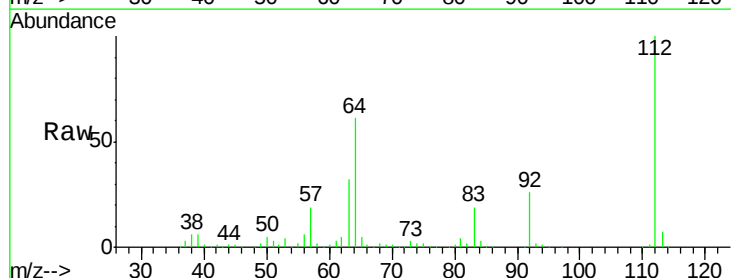
Tgt Ion:112 Resp: 332699

Ion Ratio Lower Upper

112 100

64 61.5 38.6 57.8#

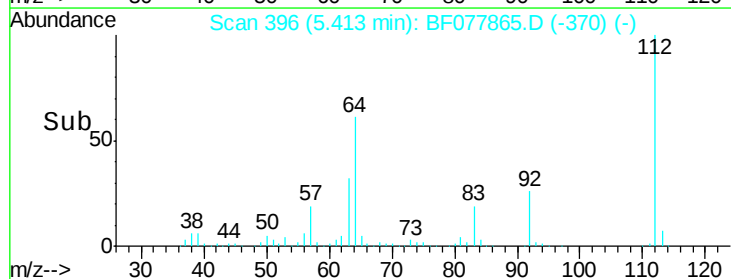
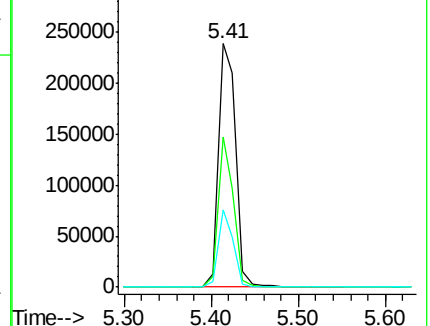
63 31.5 19.3 28.9#

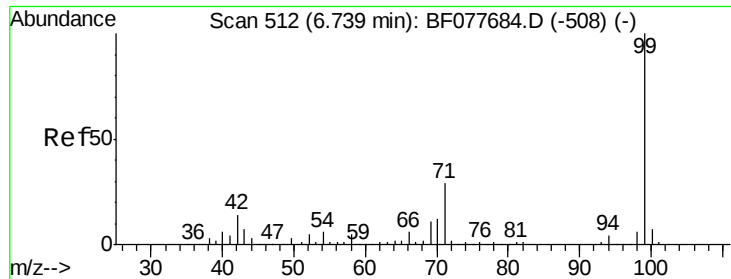


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.93 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077865.D

Acq: 20 Mar 2015 16:07

Instrument :

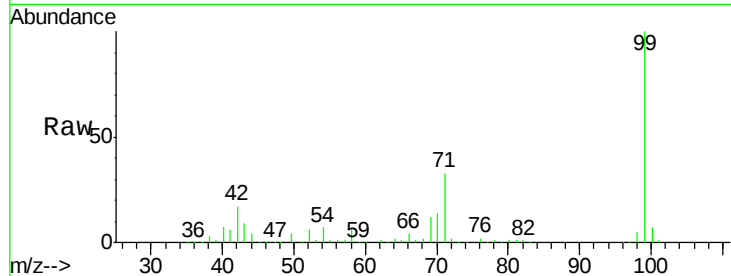
BNA_F

ClientSampleId :

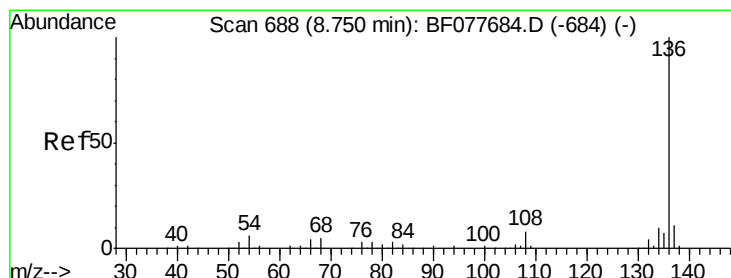
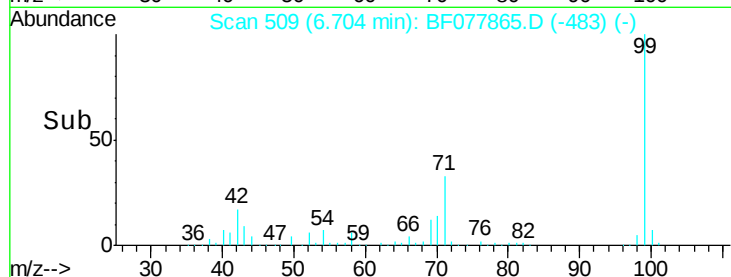
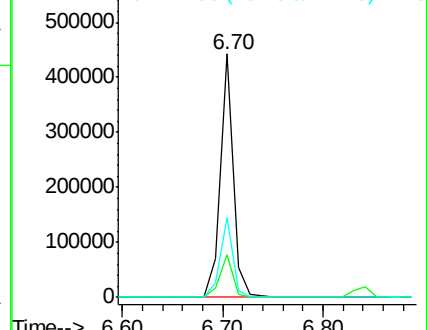
PB82217BL

Tot Ion: 99 Resp: 398095

Ion	Ratio	Lower	Upper
99	100		
42	17.4	11.0	16.4#
71	32.8	23.4	35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.70 min Scan# 684

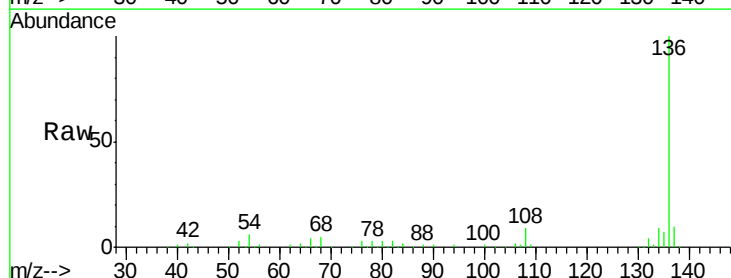
Delta R.T. -0.00 min

Lab File: BF077865.D

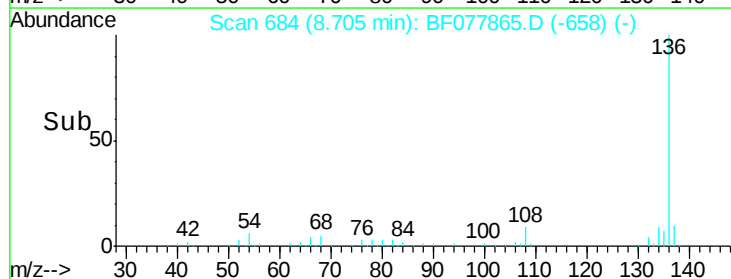
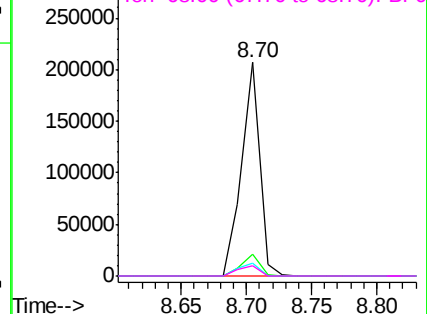
Acq: 20 Mar 2015 16:07

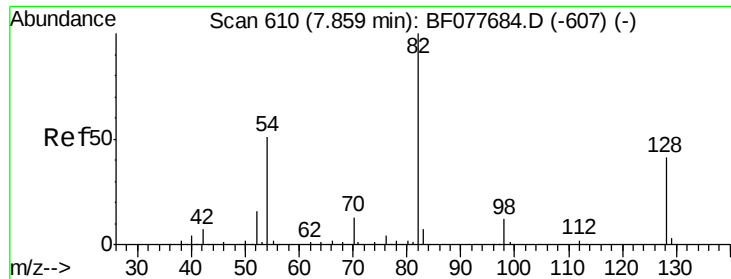
Tgt Ion: 136 Resp: 199173

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.2	4.6	6.8
68	4.7	3.7	5.5



Abundance Ion 136.00 (135.70 to 136.70): BF077684.D (-684) (-)

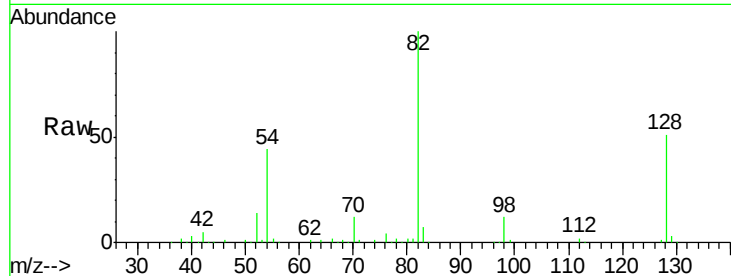




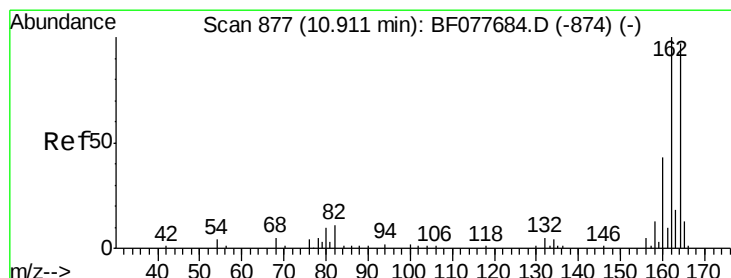
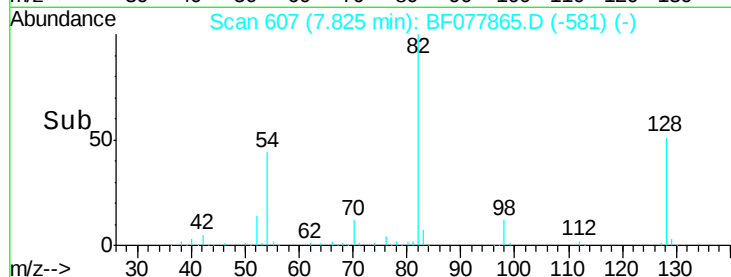
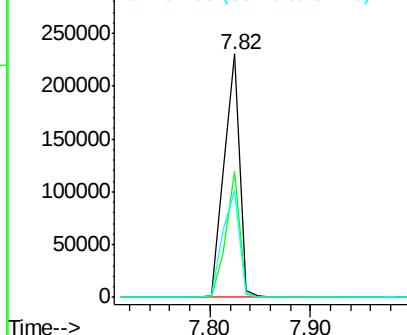
#23
 Nitrobenzene-d5
 Concen: 81.43 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BL

Tot Ion: 82 Resp: 247411
 Ion Ratio Lower Upper
 82 100
 128 51.5 32.8 49.2#
 54 43.6 40.6 60.8

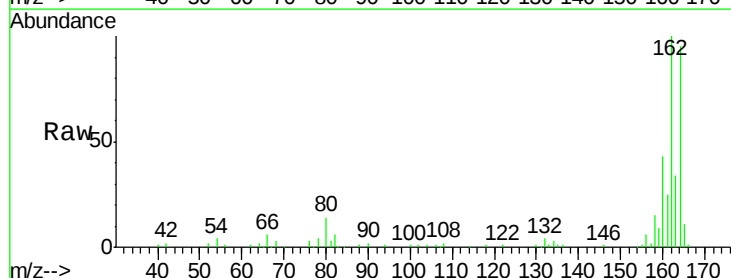


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

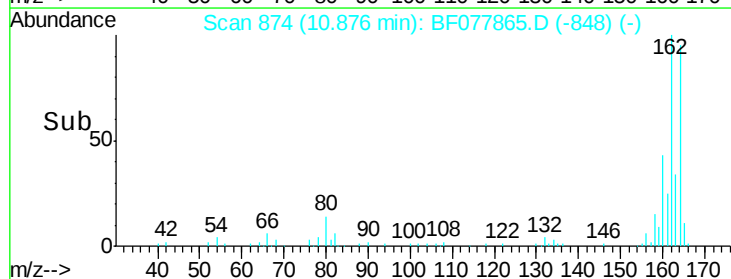
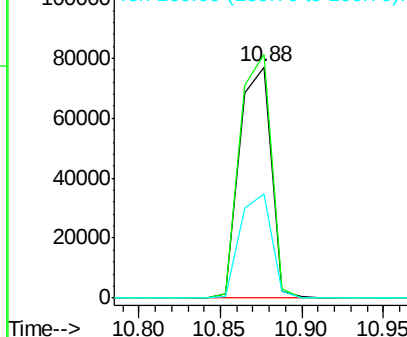


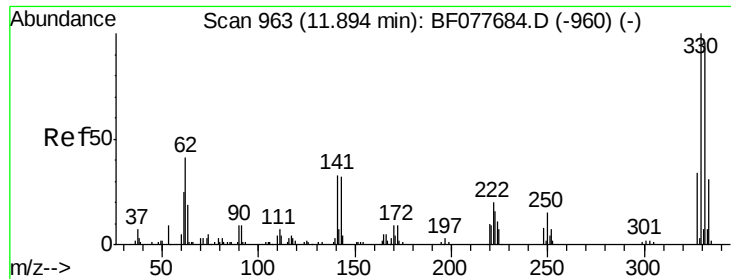
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

Tgt Ion:164 Resp: 102604
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.4 123.6
 160 44.9 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

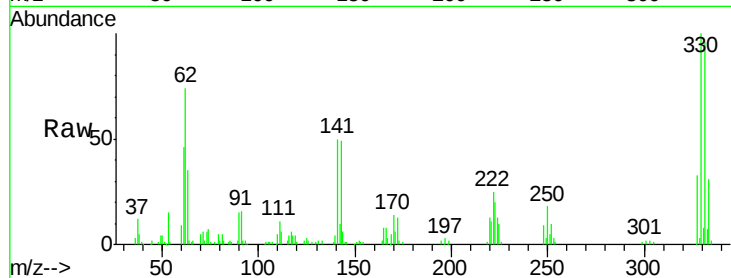




#41
 2,4,6-Tribromophenol
 Concen: 106.60 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	38.8	0.0	0.0#

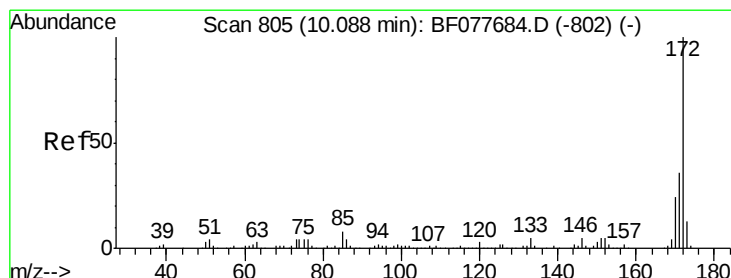
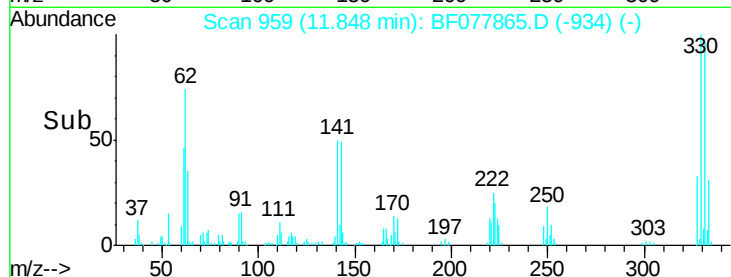
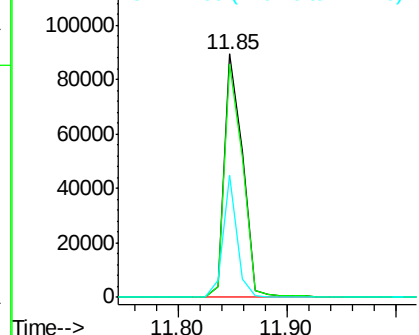


Abundance

Ion 329.80 (329.50 to 330.50): E

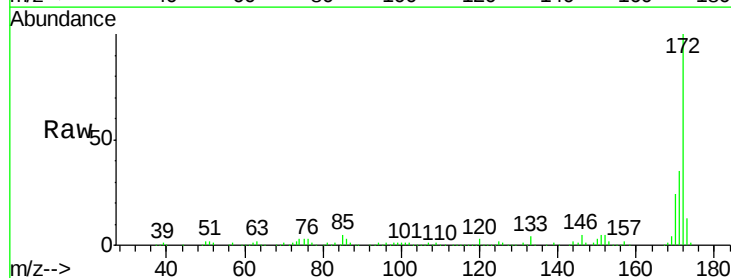
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.60 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.8	18.8	28.2

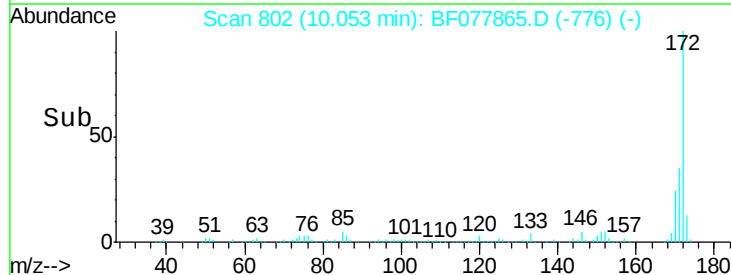
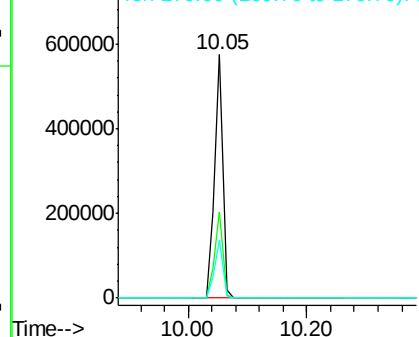


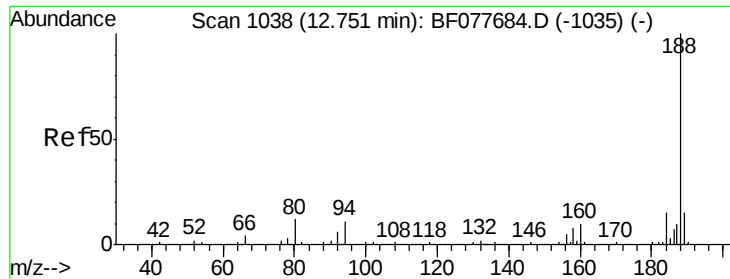
Abundance

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

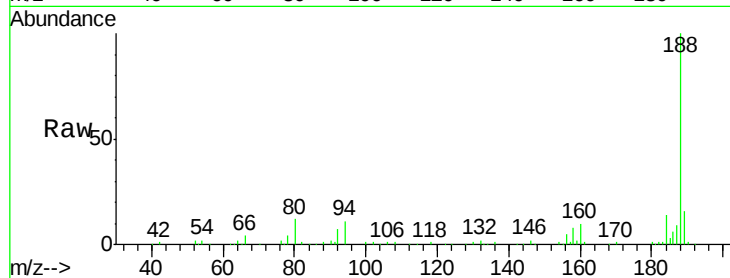




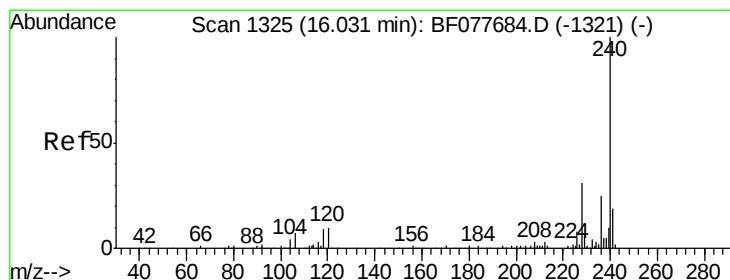
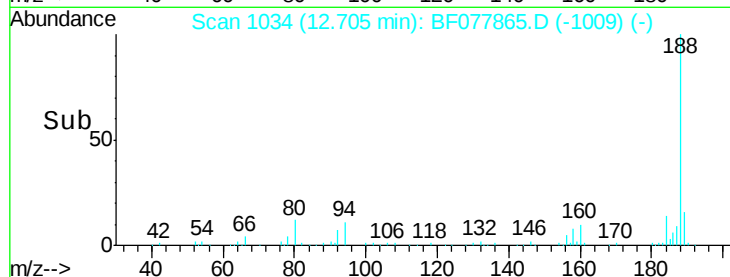
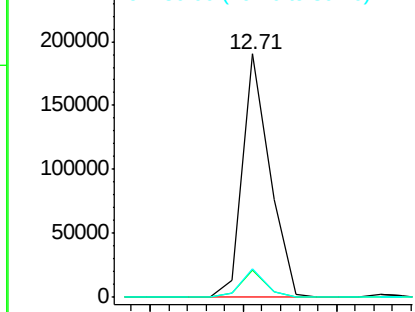
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077865.D
Acq: 20 Mar 2015 16:07

Instrument :
BNA_F
ClientSampleId :
PB82217BL

Tot Ion:188 Resp: 194211
Ion Ratio Lower Upper
188 100
94 11.4 8.7 13.1
80 12.0 9.3 13.9

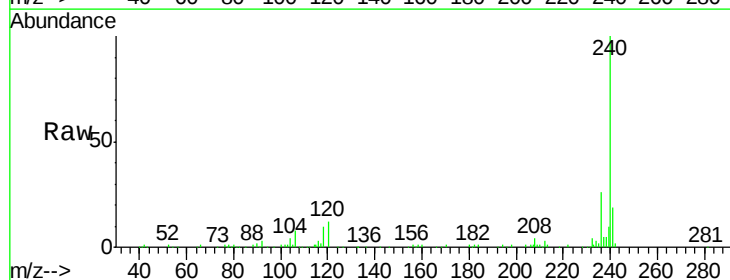


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

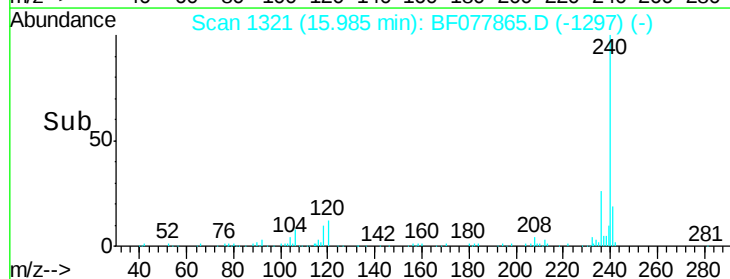
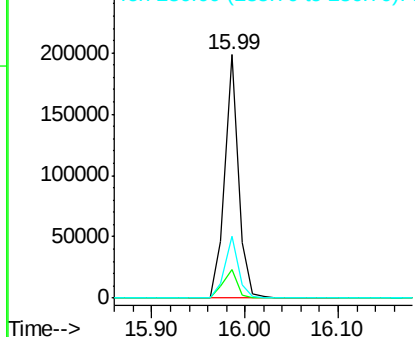


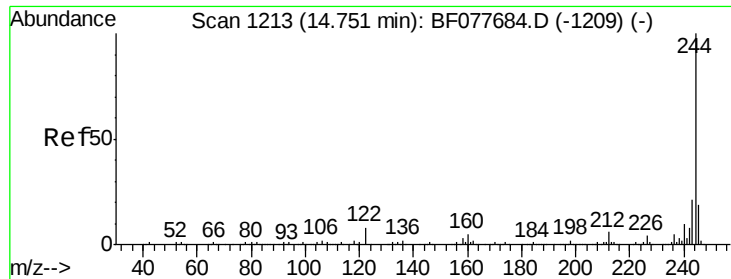
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077865.D
Acq: 20 Mar 2015 16:07

Tgt Ion:240 Resp: 204537
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.2
236 25.6 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

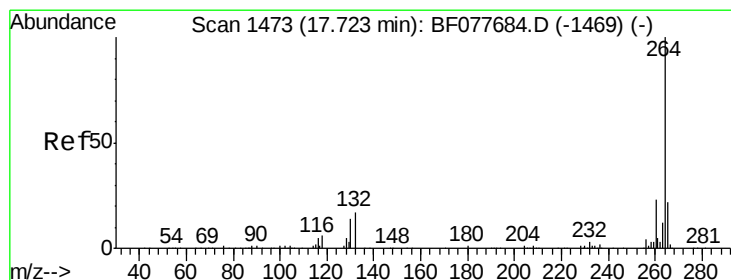
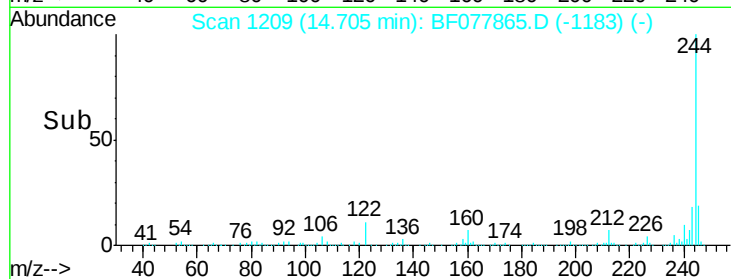
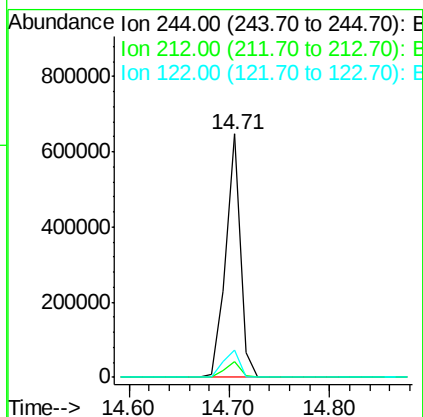
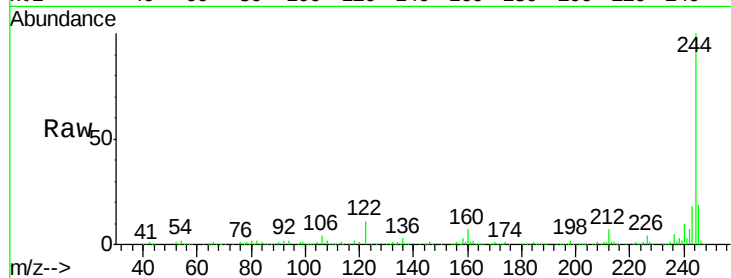




#78
 Terphenyl-d14
 Concen: 78.21 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB82217BL

Tot Ion:244 Resp: 654900
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.9 7.3
 122 11.3 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1472
 Delta R.T. -0.13 min
 Lab File: BF077865.D
 Acq: 20 Mar 2015 16:07

Tgt Ion:264 Resp: 184562
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.8 17.3 25.9

