

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077963.D
 Acq On : 25 Mar 2015 20:51
 Operator : TP/IZ
 Sample : PB82320BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BL

Quant Time: Mar 26 04:09:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	44272	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	178736	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	92201	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	185910	20.00	ng	-0.01
75) Chrysene-d12	15.97	240	208433	20.00	ng	0.00
86) Perylene-d12	17.79	264	202809	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	264689	104.36	ng	0.00
7) Phenol-d6	6.67	99	321002	102.44	ng	0.00
23) Nitrobenzene-d5	7.79	82	192463	70.59	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	82265	93.25	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	418675	66.73	ng	0.00
78) Terphenyl-d14	14.67	244	539612	63.24	ng	0.00

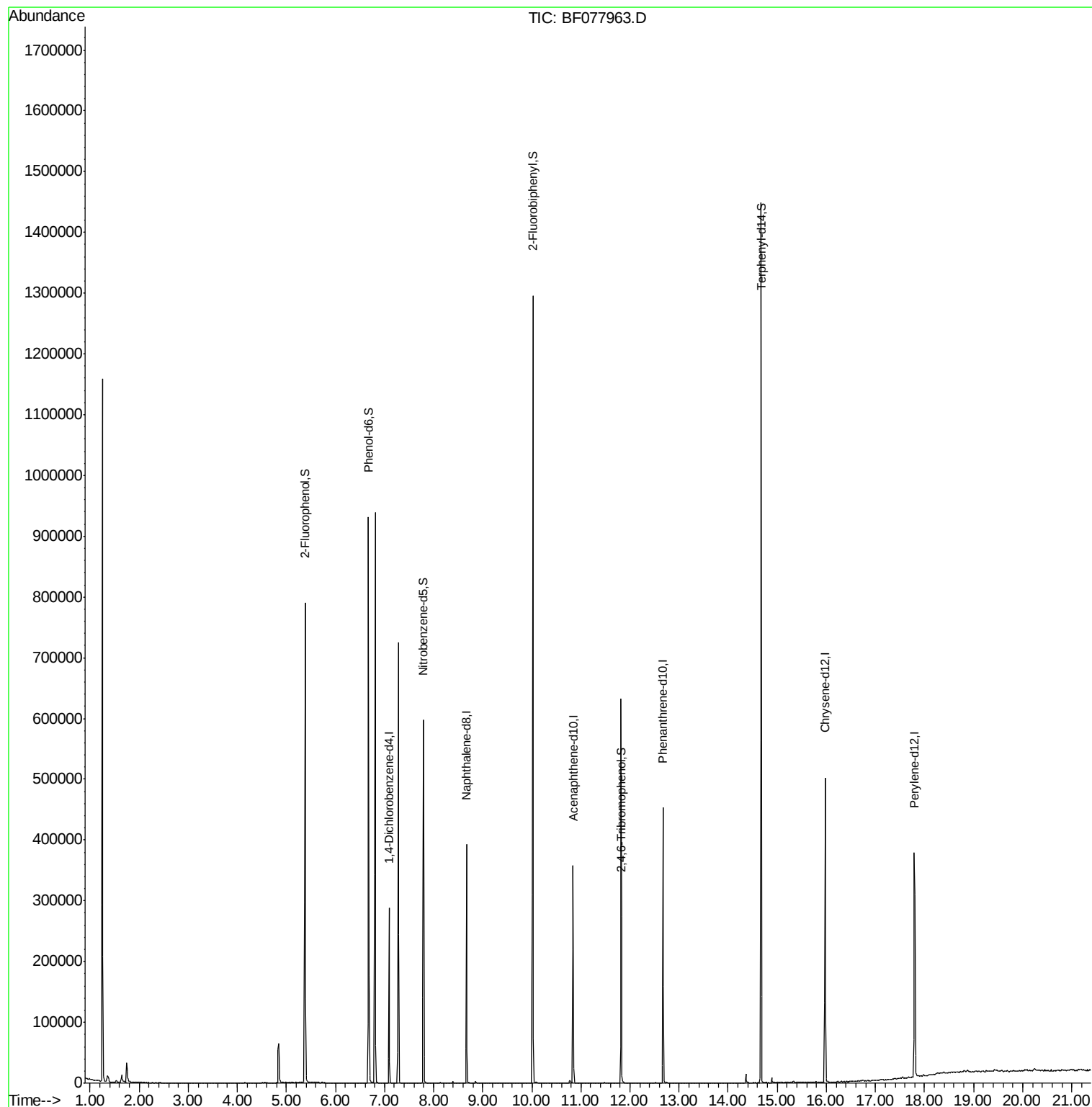
Target Compounds Qvalue

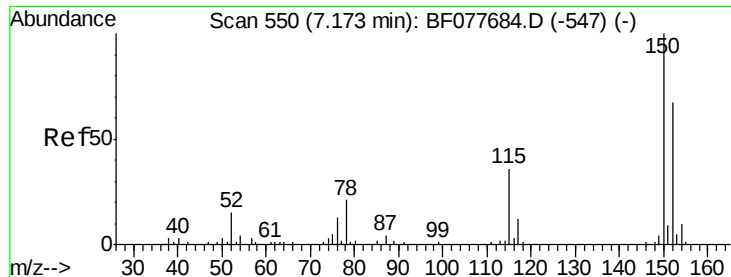
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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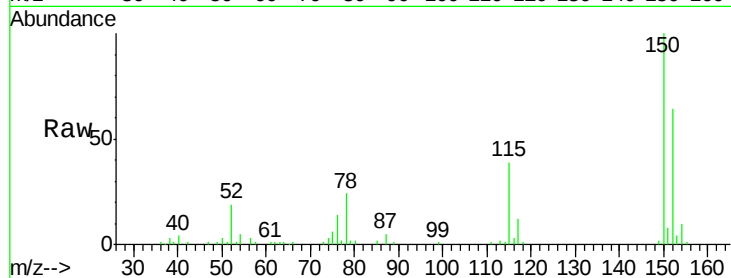


#1

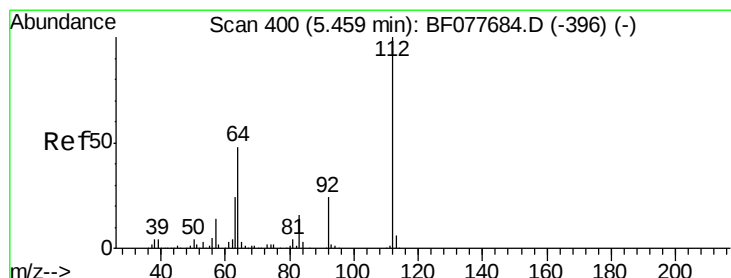
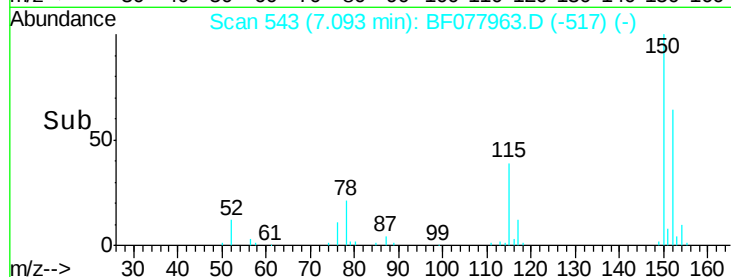
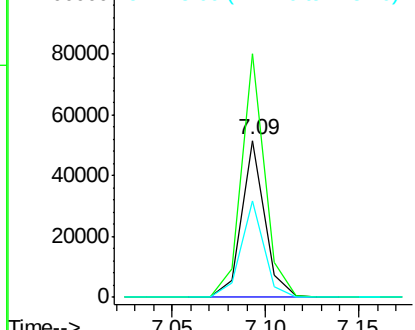
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077963.D
Acq: 25 Mar 2015 20:51

Instrument :
BNA_F
ClientSampleId :
PB82320BL

Tot Ion:152 Resp: 44272
Ion Ratio Lower Upper
152 100
150 155.3 119.5 179.3
115 61.3 43.0 64.4



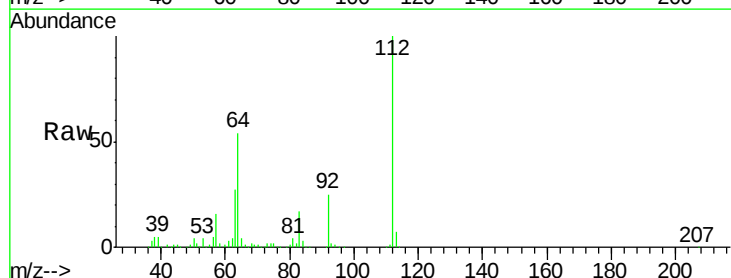
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



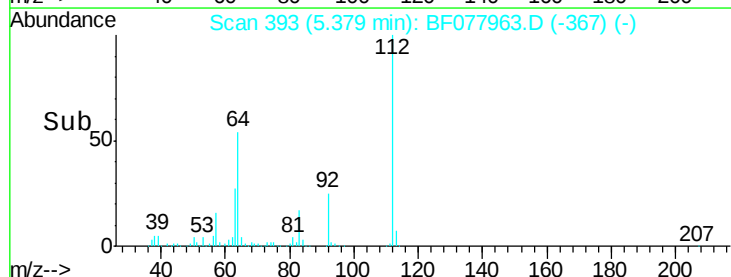
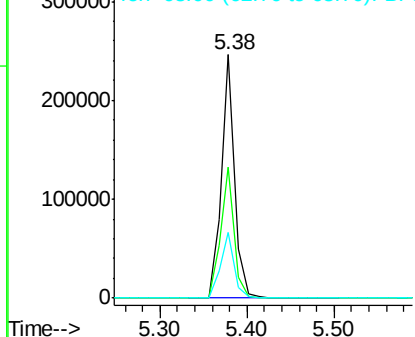
#5

2-Fluorophenol
Concen: 104.36 ng
RT: 5.38 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF077963.D
Acq: 25 Mar 2015 20:51

Tgt Ion:112 Resp: 264689
Ion Ratio Lower Upper
112 100
64 53.7 38.6 57.8
63 27.0 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: 102.44 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077963.D

Acq: 25 Mar 2015 20:51

Instrument :

BNA_F

ClientSampleId :

PB82320BL

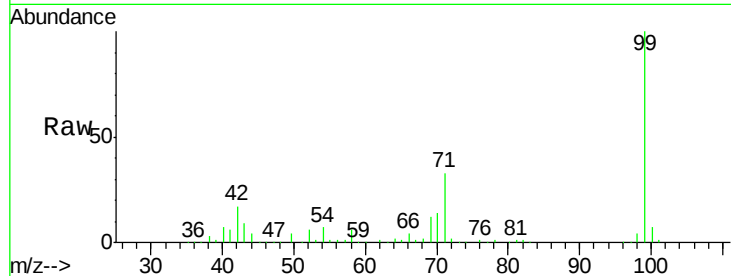
Tot Ion: 99 Resp: 321002

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

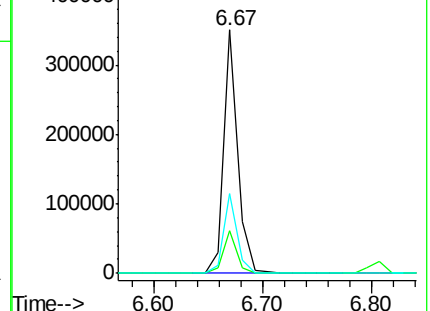
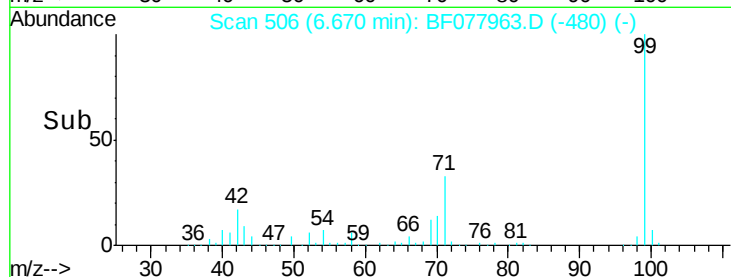
71 32.6 23.4 35.2



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: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077963.D

Acq: 25 Mar 2015 20:51

Tgt Ion: 136 Resp: 178736

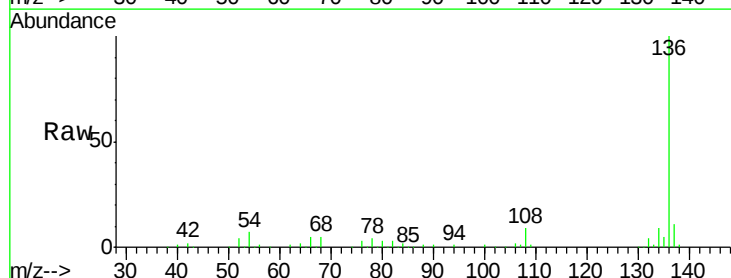
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.8 4.6 6.8

68 5.4 3.7 5.5

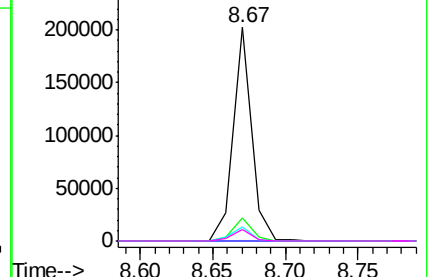
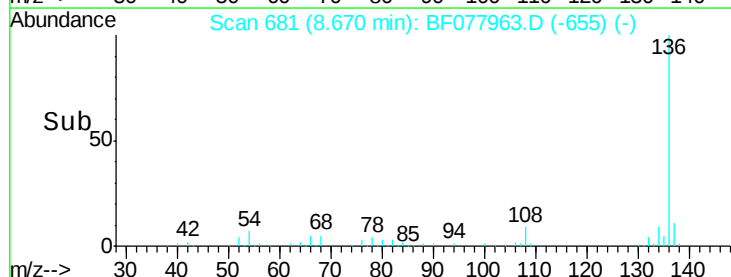


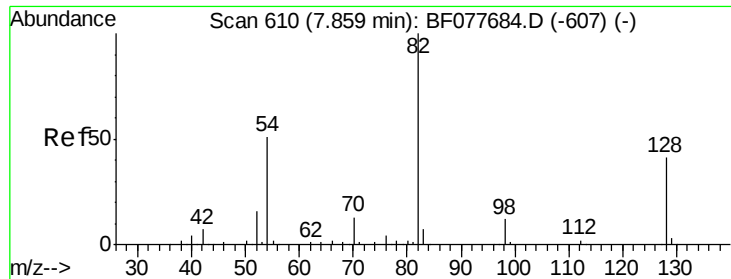
Abundance Ion 136.00 (135.70 to 136.70): E

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

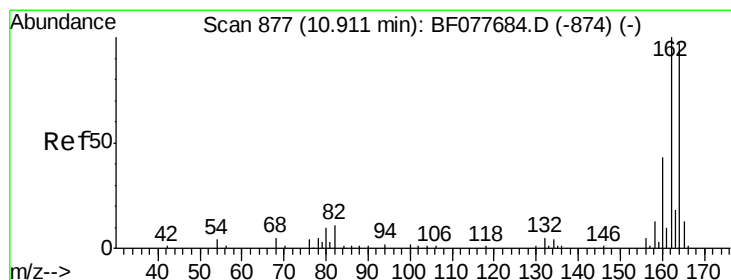
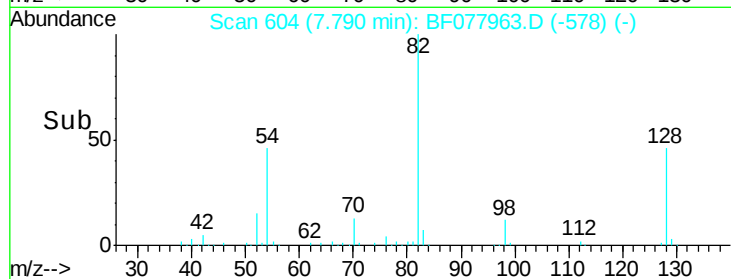
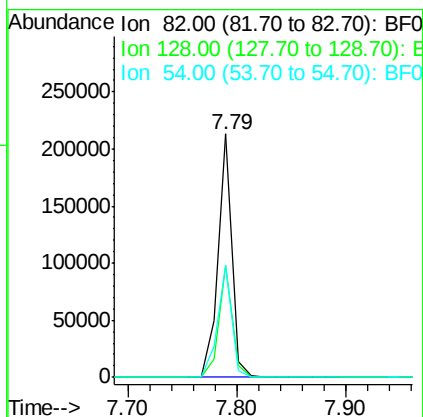
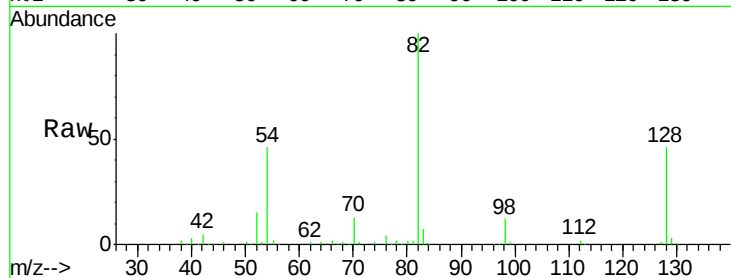




#23
 Nitrobenzene-d5
 Concen: 70.59 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077963.D
 Acq: 25 Mar 2015 20:51

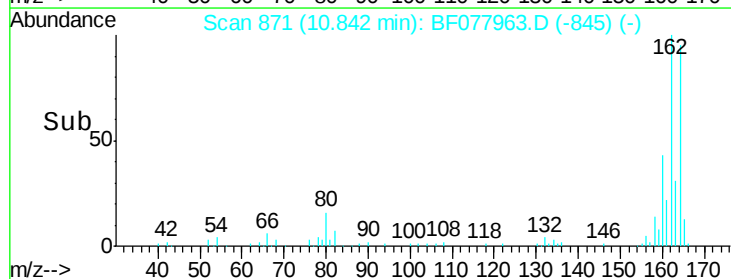
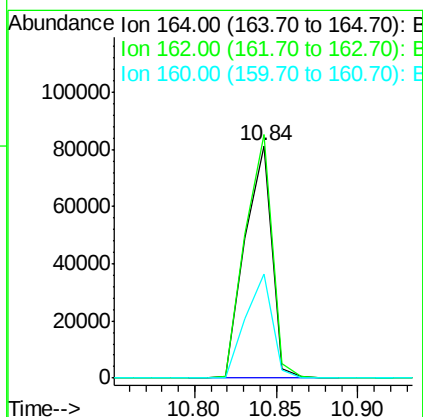
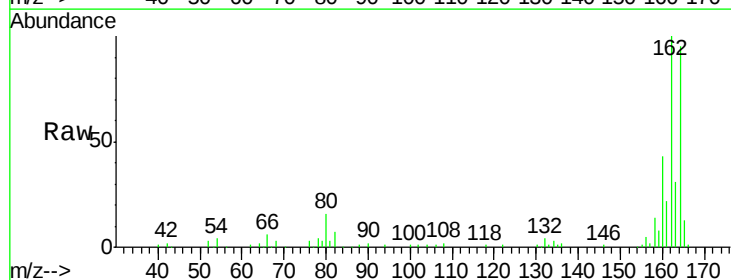
Instrument :
 BNA_F
 ClientSampleId :
 PB82320BL

Tot Ion: 82 Resp: 192463
 Ion Ratio Lower Upper
 82 100
 128 46.1 32.8 49.2
 54 45.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077963.D
 Acq: 25 Mar 2015 20:51

Tgt Ion:164 Resp: 92201
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.4 123.6
 160 45.0 35.8 53.6

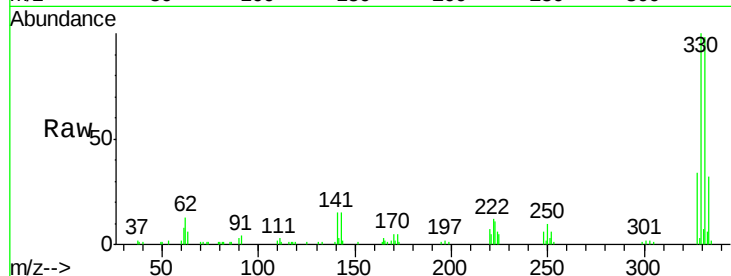




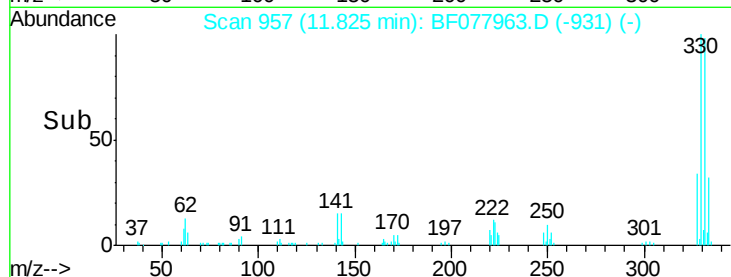
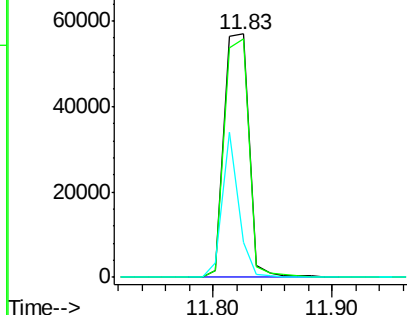
#41
 2,4,6-Tribromophenol
 Concen: 93.25 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077963.D
 Acq: 25 Mar 2015 20:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	38.9	0.0	0.0#

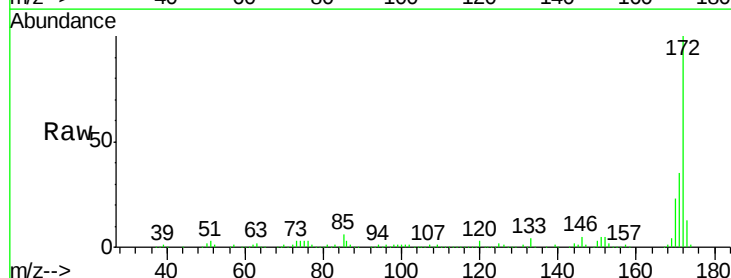


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

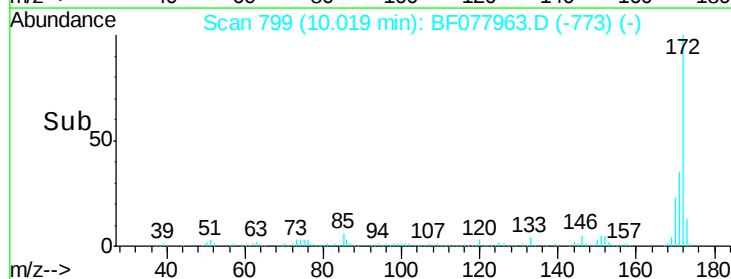
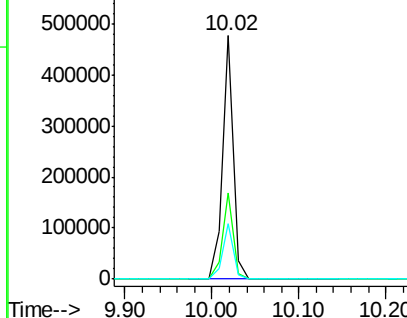


#44
 2-Fluorobiphenyl
 Concen: 66.73 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077963.D
 Acq: 25 Mar 2015 20:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	22.9	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

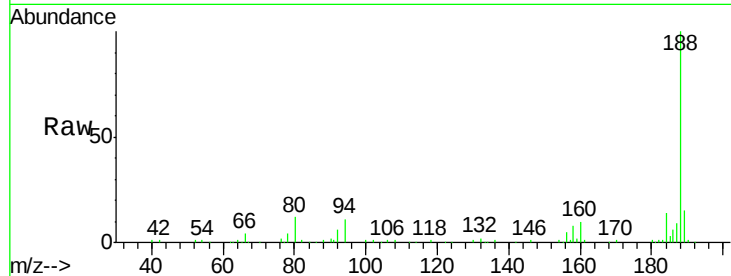




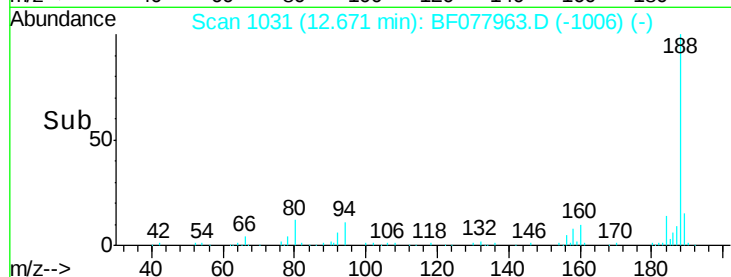
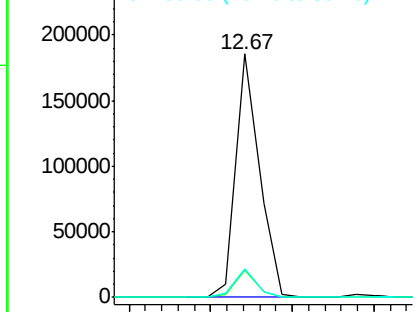
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077963.D
Acq: 25 Mar 2015 20:51

Instrument :
BNA_F
ClientSampleId :
PB82320BL

Tot Ion:188 Resp: 185910
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 11.6 9.3 13.9

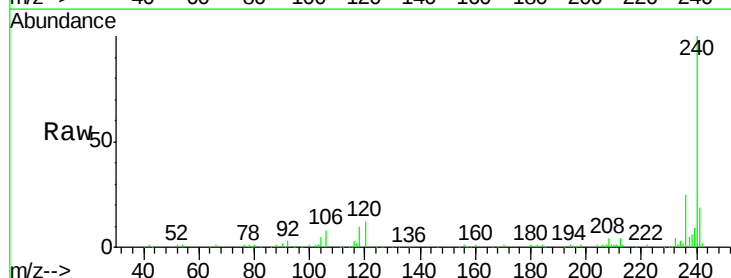


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

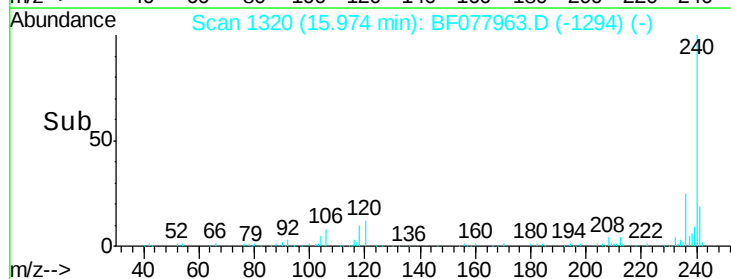
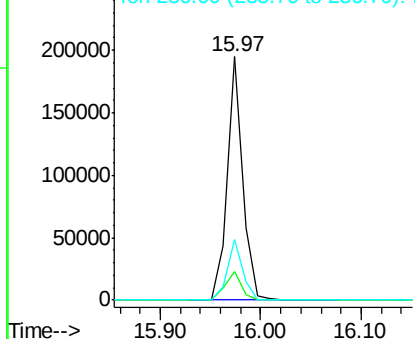


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF077963.D
Acq: 25 Mar 2015 20:51

Tgt Ion:240 Resp: 208433
Ion Ratio Lower Upper
240 100
120 11.7 8.2 12.2
236 24.9 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

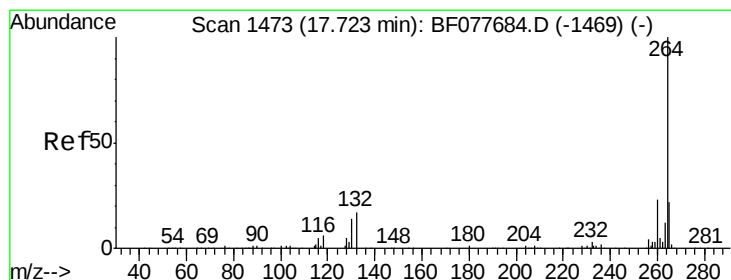
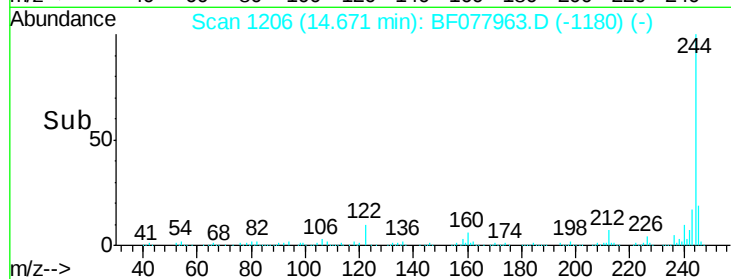
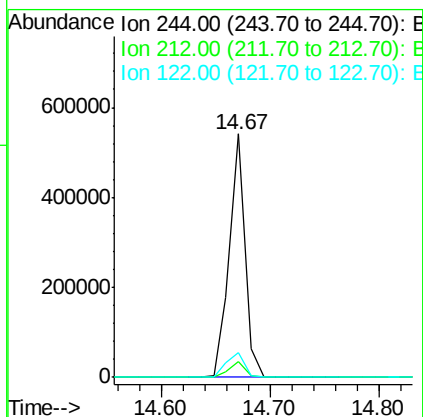
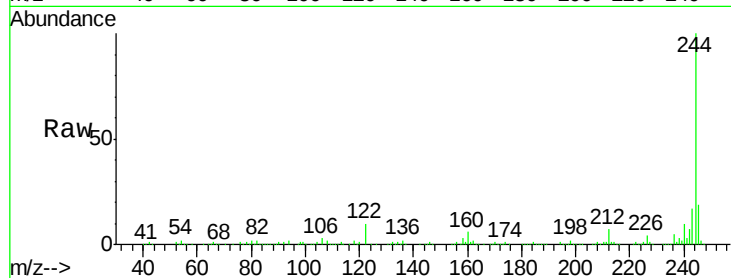




#78
 Terphenyl-d14
 Concen: 63.24 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077963.D
 Acq: 25 Mar 2015 20:51

Instrument :
 BNA_F
 ClientSampleId :
 PB82320BL

Tot Ion:244 Resp: 539612
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.9 7.3
 122 10.3 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1479
 Delta R.T. 0.05 min
 Lab File: BF077963.D
 Acq: 25 Mar 2015 20:51

Tgt Ion:264 Resp: 202809
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.9 17.3 25.9

