

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078539.D
 Acq On : 15 Apr 2015 12:31
 Operator : TP/IZ
 Sample : PB82771TB
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82771TB

Quant Time: Apr 15 12:24:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:39:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	20567	20.00	ng	-0.01
21) Naphthalene-d8	8.38	136	85315	20.00	ng	-0.01
38) Acenaphthene-d10	10.54	164	45153	20.00	ng	-0.01
63) Phenanthrene-d10	12.37	188	92690	20.00	ng	0.00
75) Chrysene-d12	15.62	240	109146	20.00	ng	-0.01
86) Perylene-d12	17.35	264	107305	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	135561	108.67	ng	0.00
7) Phenol-d6	6.40	99	175462	112.24	ng	-0.01
23) Nitrobenzene-d5	7.51	82	94719	67.29	ng	-0.01
41) 2,4,6-Tribromophenol	11.52	330	40136	107.18	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	216451	68.52	ng	-0.01
78) Terphenyl-d14	14.35	244	297917	61.68	ng	-0.01

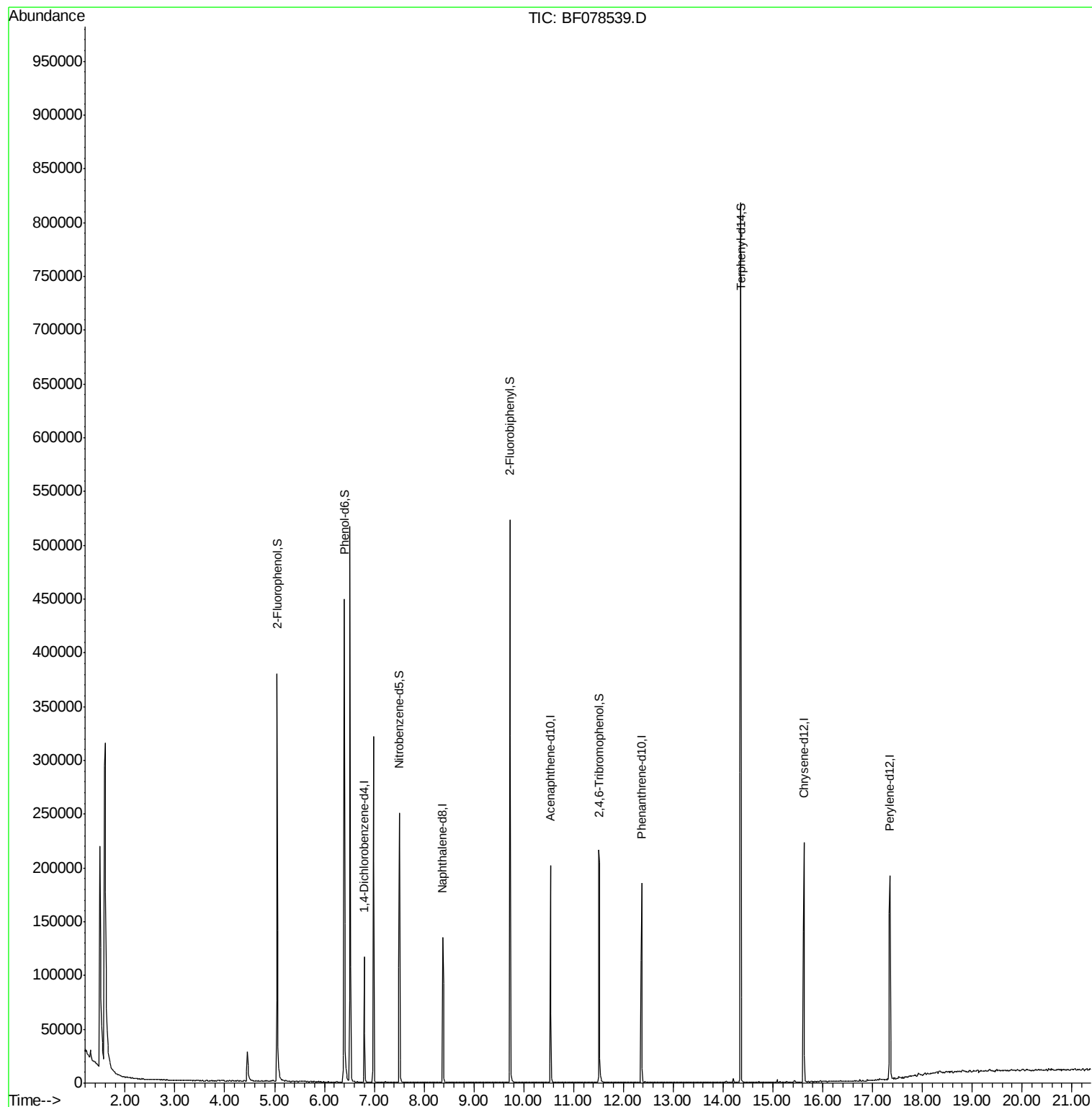
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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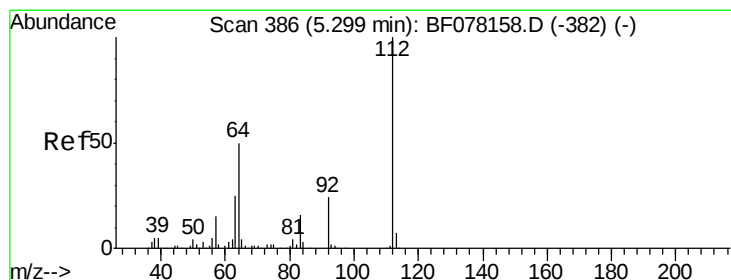
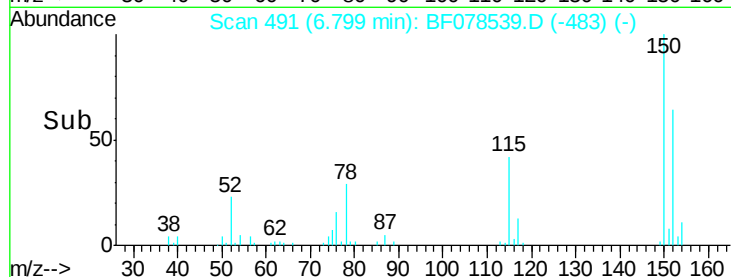
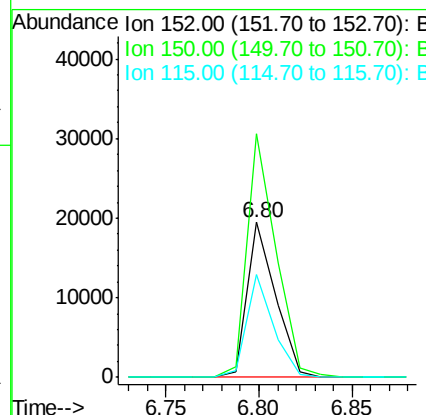
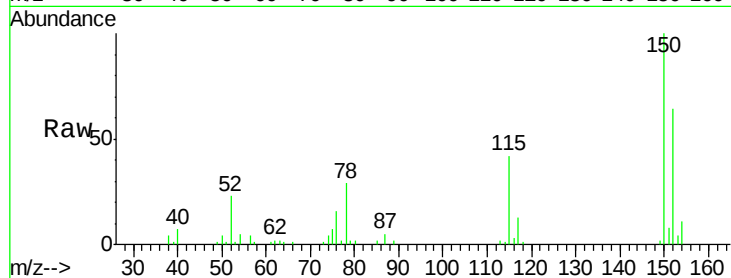




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

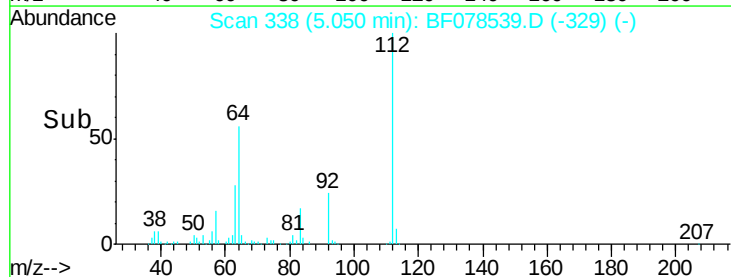
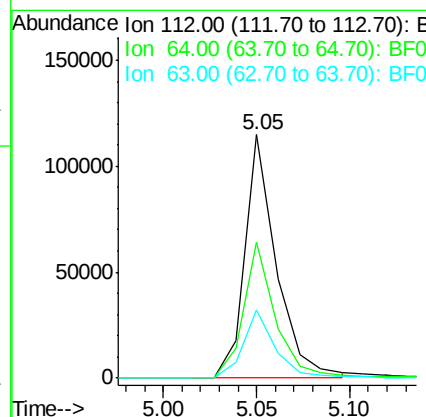
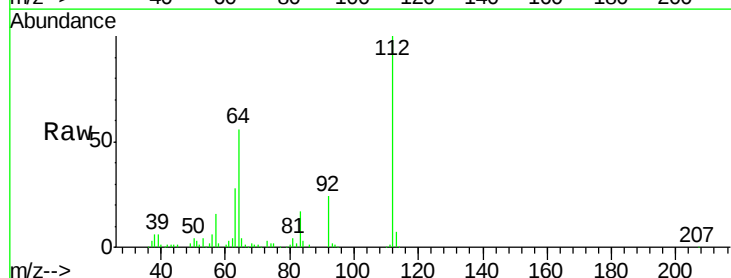
Instrument :
 BNA_F
 ClientSampleId :
 PB82771TB

Tgt Ion:152 Resp: 20567
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.9 188.9
 115 66.0 52.7 79.1



#5
 2-Fluorophenol
 Concen: 108.67 ng
 RT: 5.05 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

Tgt Ion:112 Resp: 135561
 Ion Ratio Lower Upper
 112 100
 64 56.1 39.9 59.9
 63 28.1 20.2 30.4





#7

Phenol-d6

Concen: 112.24 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF078539.D

Acq: 15 Apr 2015 12:31

Instrument :

BNA_F

ClientSampleId :

PB82771TB

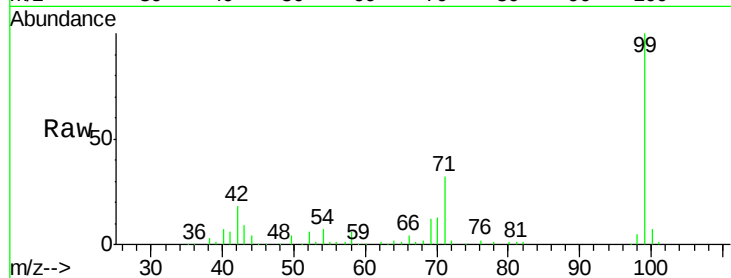
Tgt Ion: 99 Resp: 175462

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

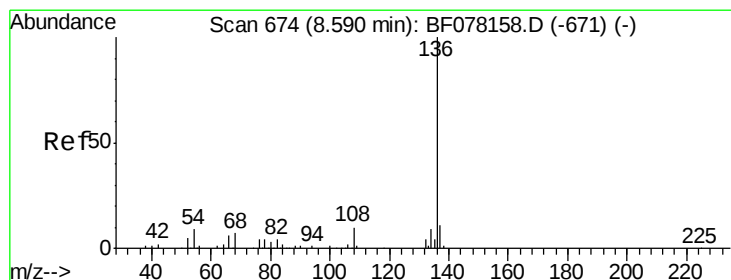
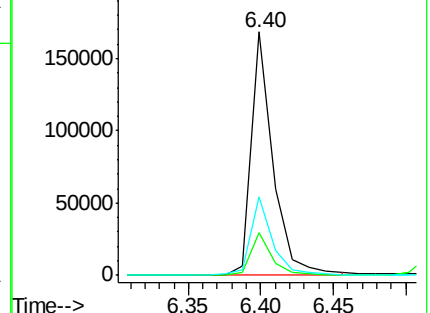
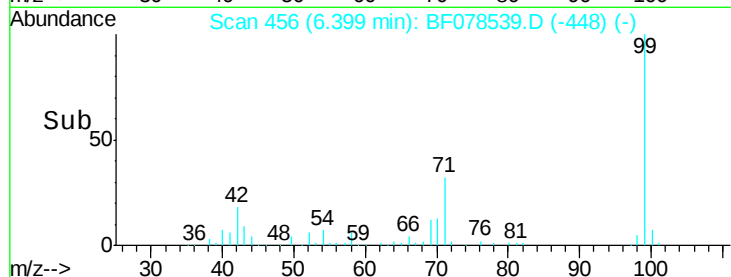
71 32.2 26.6 39.8



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: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF078539.D

Acq: 15 Apr 2015 12:31

Tgt Ion: 136 Resp: 85315

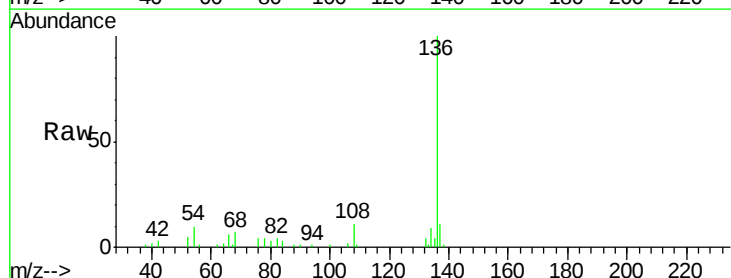
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 9.6 7.0 10.6

68 6.9 5.4 8.2

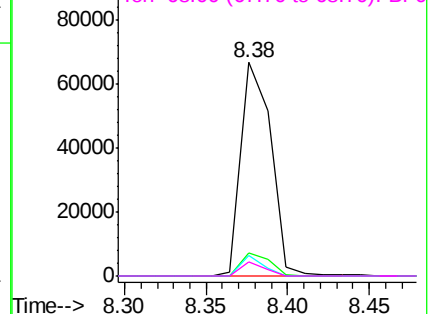
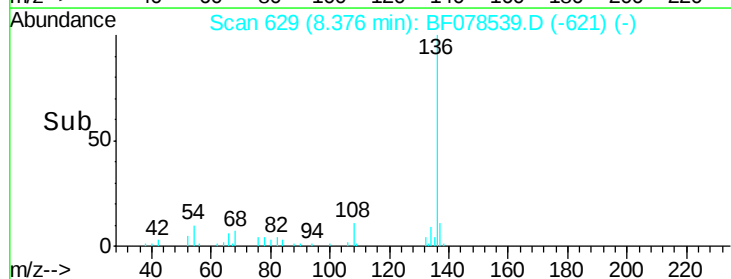


Abundance Ion 136.00 (135.70 to 136.70): E

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

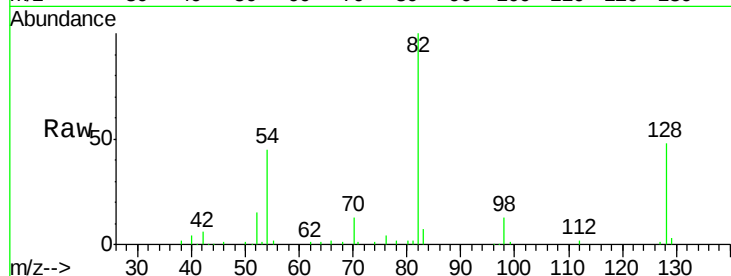




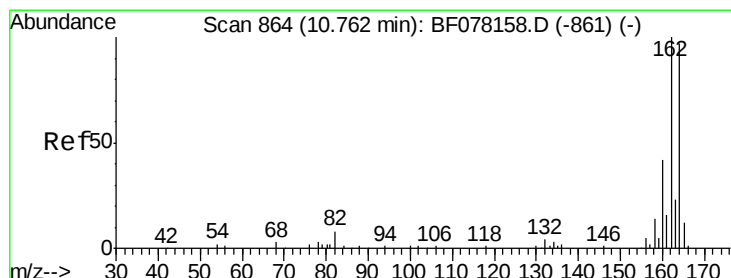
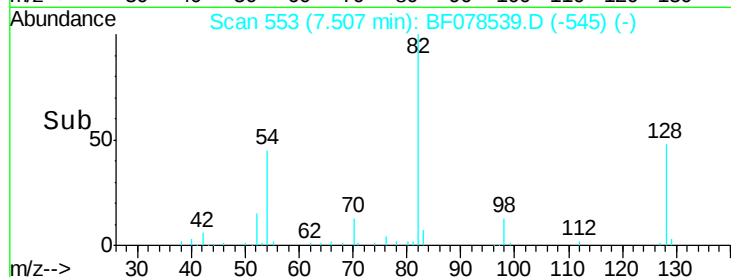
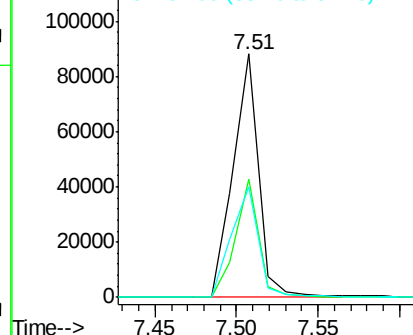
#23
 Nitrobenzene-d5
 Concen: 67.29 ng
 RT: 7.51 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82771TB

Tgt Ion: 82 Resp: 94719
 Ion Ratio Lower Upper
 82 100
 128 48.4 31.8 47.8#
 54 45.2 41.5 62.3

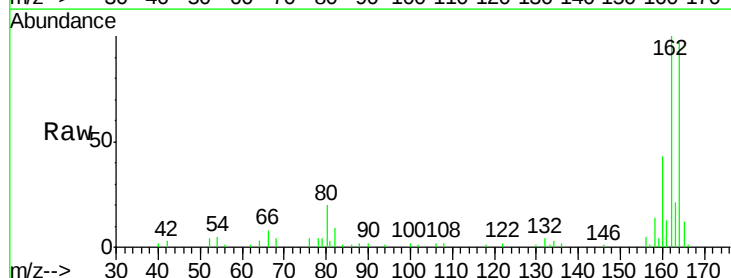


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

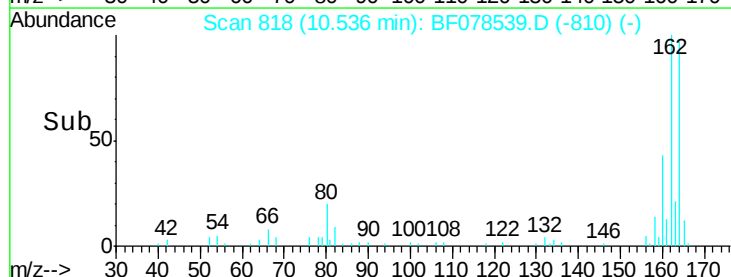
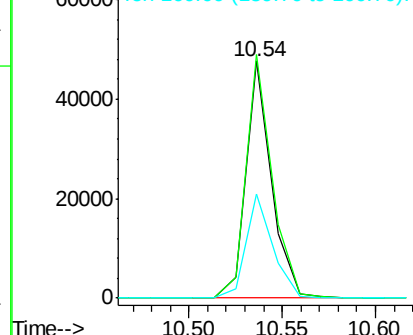


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.54 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

Tgt Ion: 164 Resp: 45153
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.2 123.2
 160 43.8 34.7 52.1



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

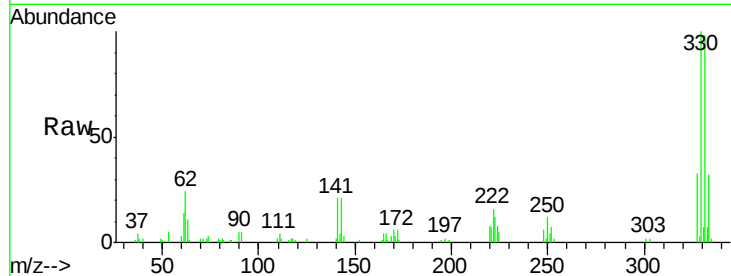




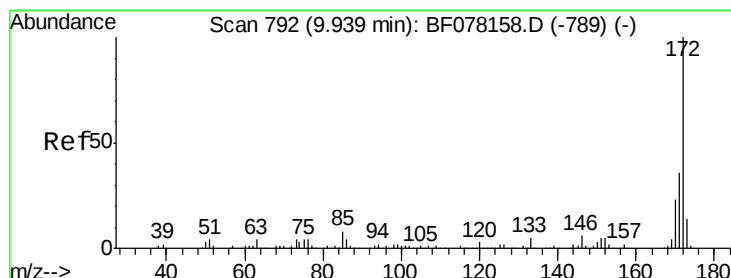
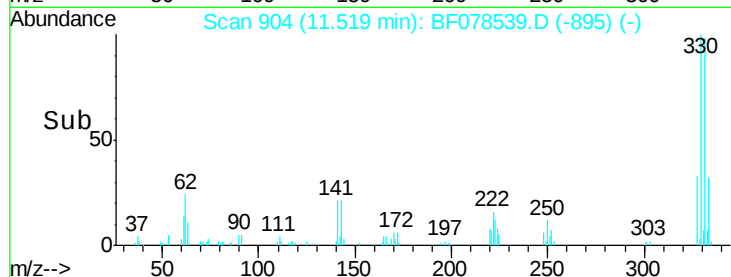
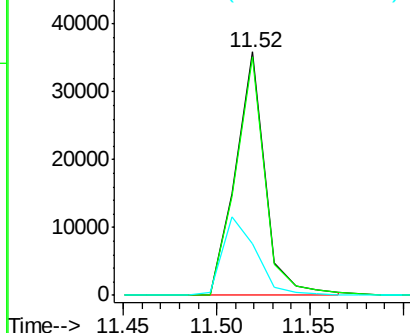
#41
 2,4,6-Tribromophenol
 Concen: 107.18 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82771TB

Tgt Ion:330 Resp: 40136
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.6 117.8
 141 37.0 31.2 46.8

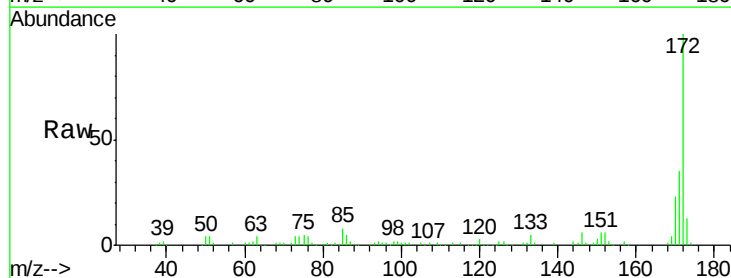


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

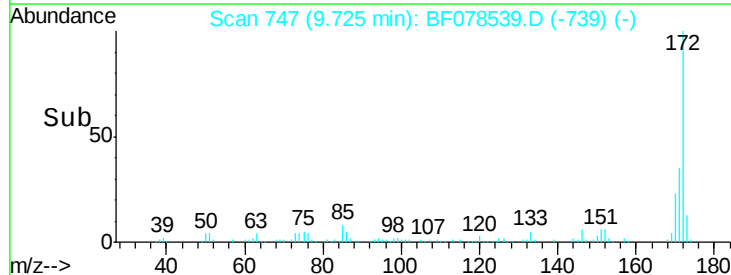
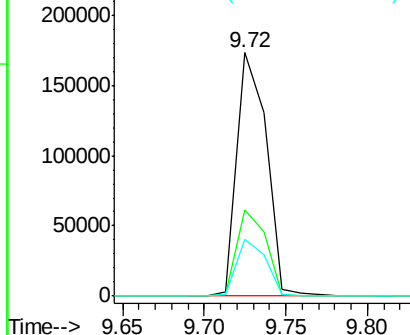


#44
 2-Fluorobiphenyl
 Concen: 68.52 ng
 RT: 9.72 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

Tgt Ion:172 Resp: 216451
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.3 18.5 27.7



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

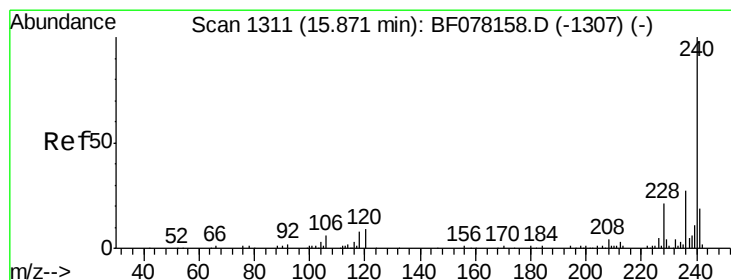
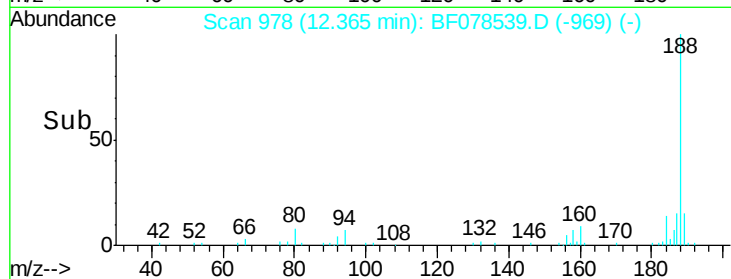
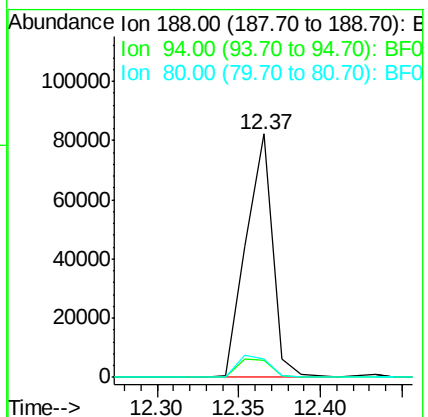
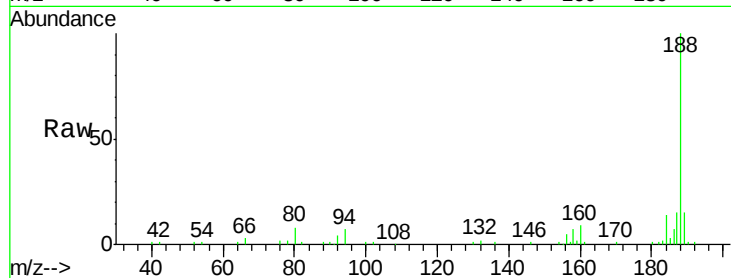




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

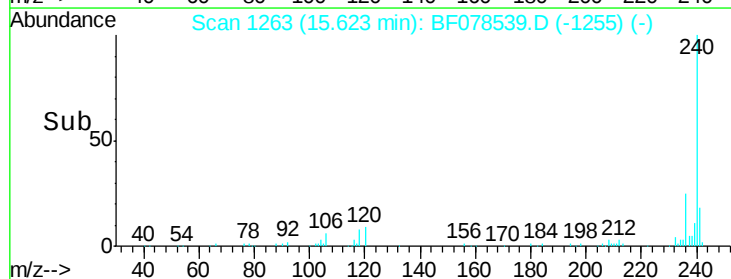
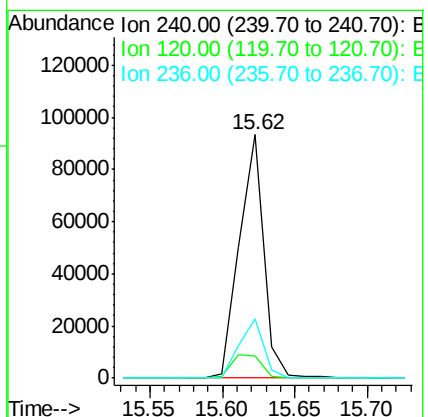
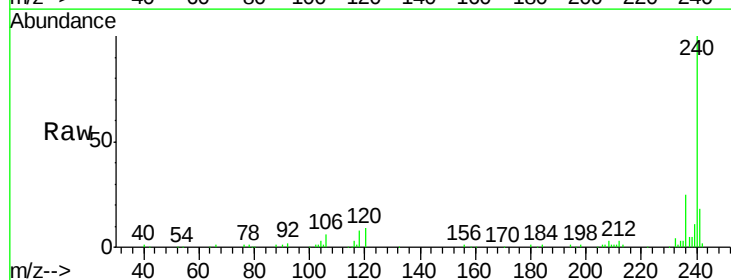
Instrument :
 BNA_F
 ClientSampleId :
 PB82771TB

Tgt Ion:188 Resp: 92690
 Ion Ratio Lower Upper
 188 100
 94 7.2 9.0 13.4#
 80 7.7 9.5 14.3#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

Tgt Ion:240 Resp: 109146
 Ion Ratio Lower Upper
 240 100
 120 9.1 7.1 10.7
 236 24.6 21.4 32.2

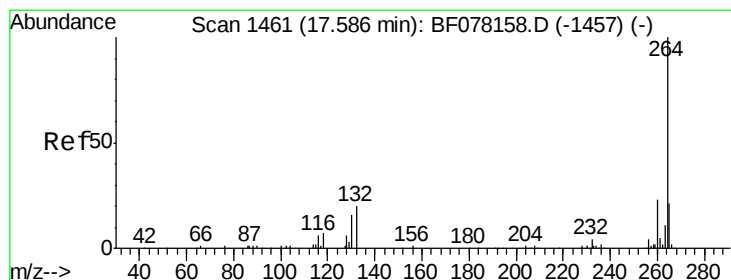
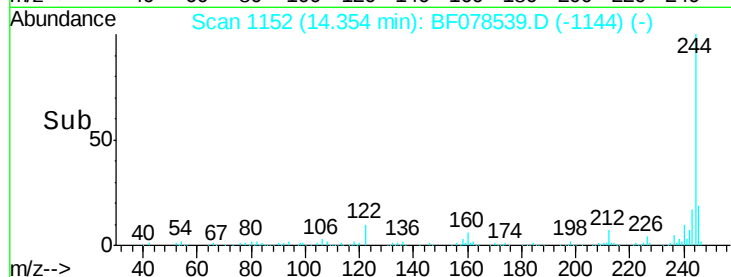
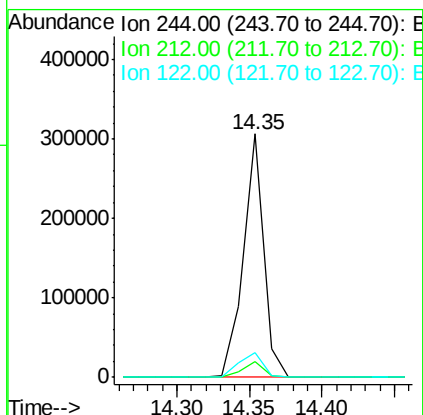
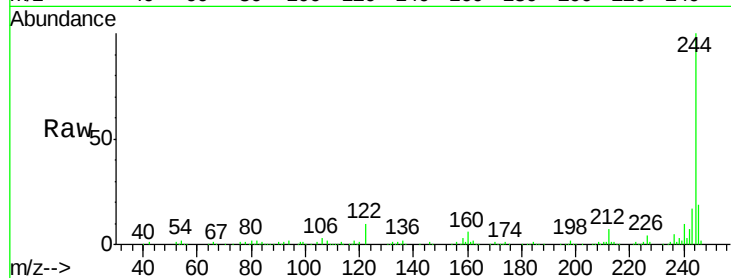




#78
 Terphenyl-d14
 Concen: 61.68 ng
 RT: 14.35 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB82771TB

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	10.4	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.35 min Scan# 1414
 Delta R.T. 0.02 min
 Lab File: BF078539.D
 Acq: 15 Apr 2015 12:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	20.7	17.0	25.6

