

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078300.D
 Acq On : 7 Apr 2015 16:12
 Operator : TP/IZ
 Sample : PB82574BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82574BL

Quant Time: Apr 08 01:18:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	32545	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	134929	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	67758	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	131641	20.00	ng	0.00
75) Chrysene-d12	15.77	240	142175	20.00	ng	-0.01
86) Perylene-d12	17.49	264	134839	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	267501	135.52	ng	0.01
7) Phenol-d6	6.53	99	323138	130.63	ng	0.00
23) Nitrobenzene-d5	7.63	82	190413	85.54	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	81475	144.98	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	425041	89.67	ng	0.00
78) Terphenyl-d14	14.50	244	516537	82.10	ng	0.00

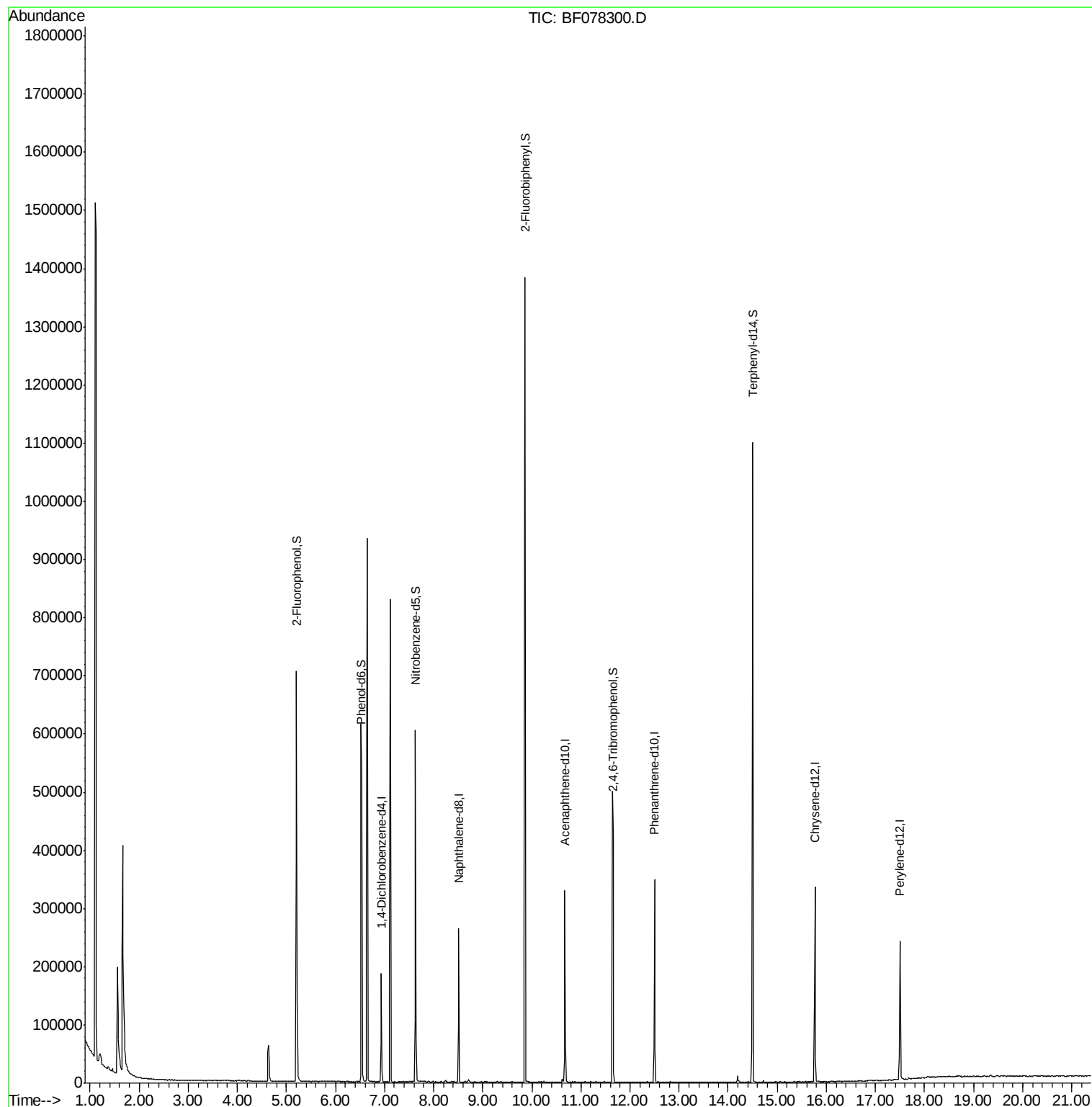
Target Compounds Qvalue

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

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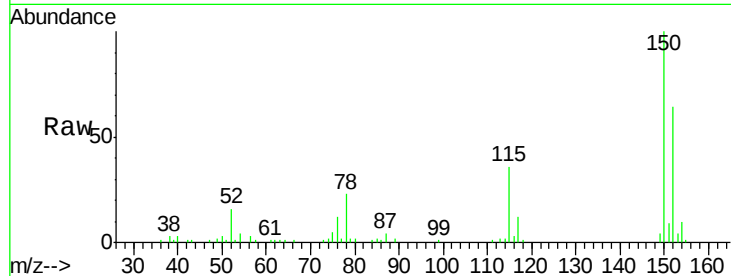


#1

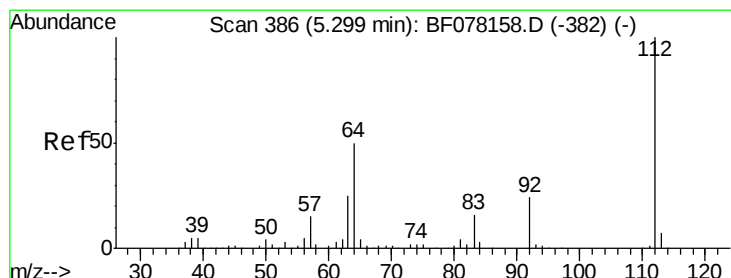
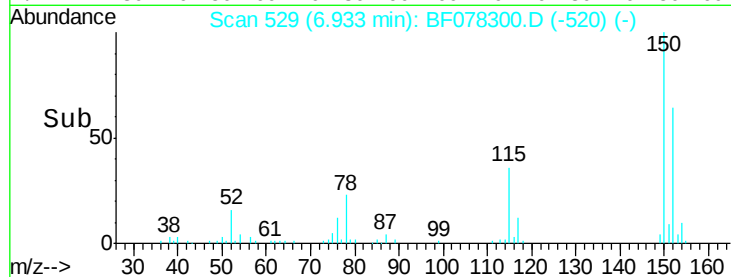
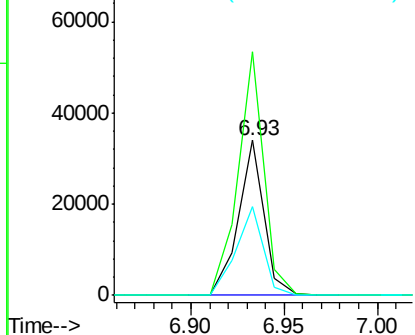
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078300.D
Acq: 7 Apr 2015 16:12

Instrument :
BNA_F
ClientSampleId :
PB82574BL

Tot Ion:152 Resp: 32545
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 57.2 52.7 79.1



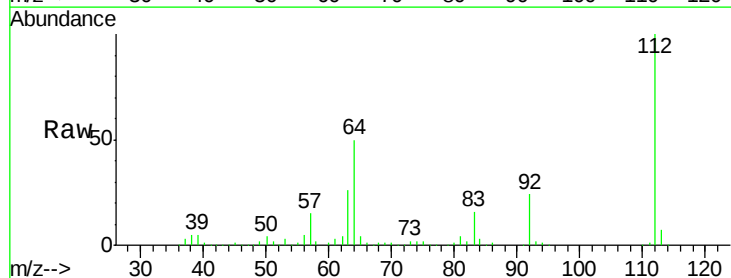
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



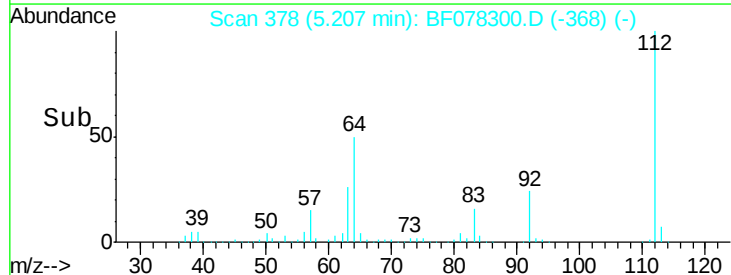
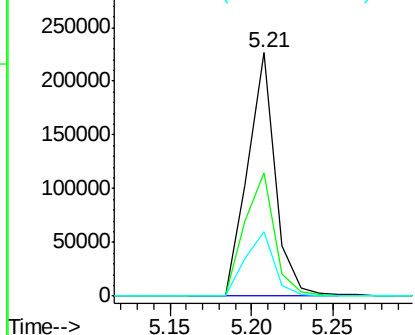
#5

2-Fluorophenol
Concen: 135.52 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BF078300.D
Acq: 7 Apr 2015 16:12

Tgt Ion:112 Resp: 267501
Ion Ratio Lower Upper
112 100
64 50.5 39.9 59.9
63 26.2 20.2 30.4



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: 130.63 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078300.D

Acq: 7 Apr 2015 16:12

Instrument :

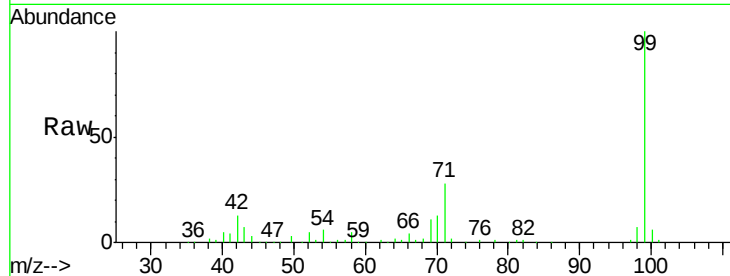
BNA_F

ClientSampleId :

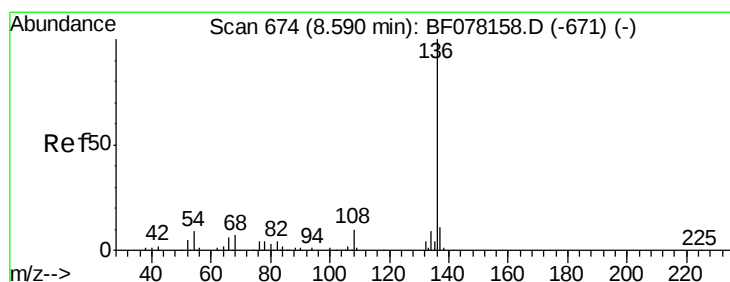
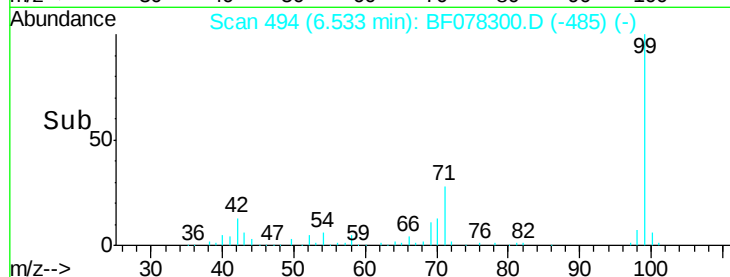
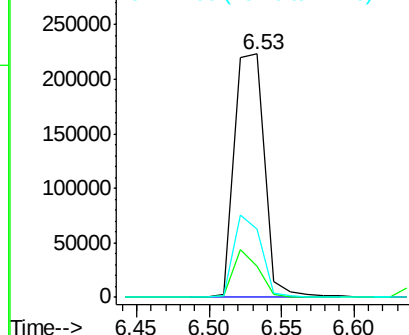
PB82574BL

Tot Ion: 99 Resp: 323138

Ion	Ratio	Lower	Upper
99	100		
42	12.9	14.8	22.2#
71	27.9	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: 8.51 min Scan# 667

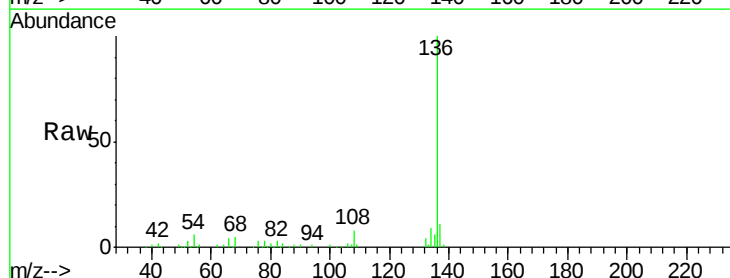
Delta R.T. 0.00 min

Lab File: BF078300.D

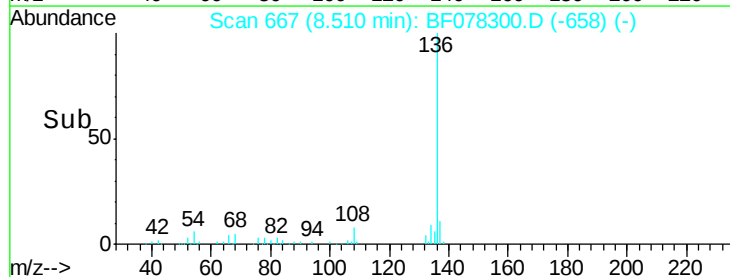
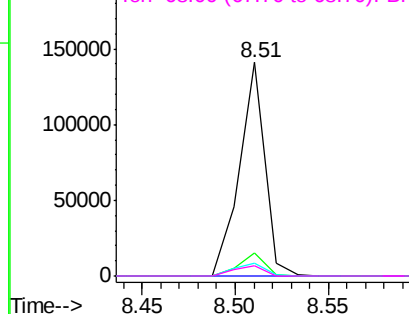
Acq: 7 Apr 2015 16:12

Tgt Ion: 136 Resp: 134929

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.1	7.0	10.6#
68	4.7	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

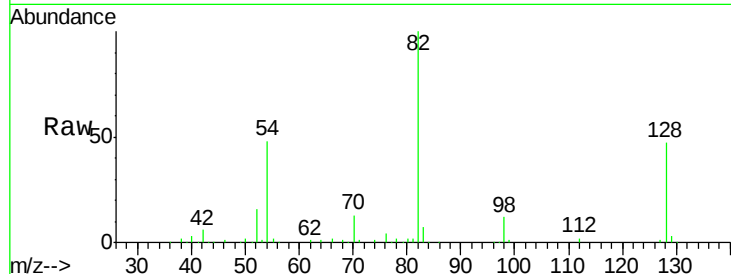




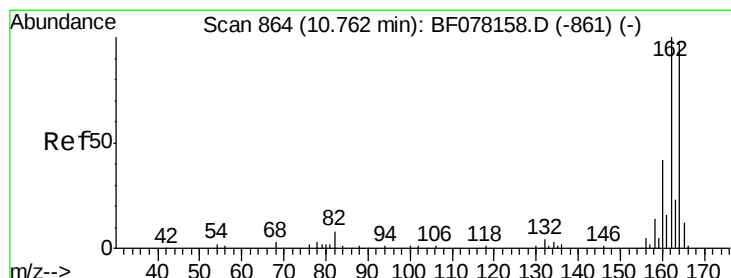
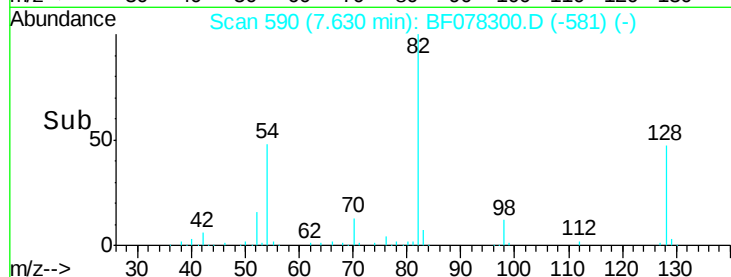
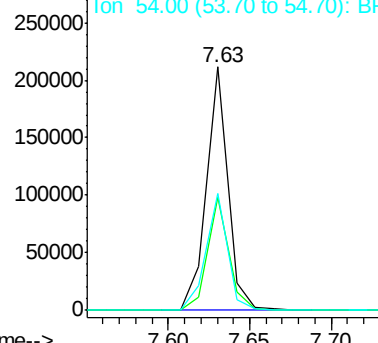
#23
 Nitrobenzene-d5
 Concen: 85.54 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF078300.D
 Acq: 7 Apr 2015 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82574BL

Tot Ion: 82 Resp: 190413
 Ion Ratio Lower Upper
 82 100
 128 46.6 31.8 47.8
 54 47.9 41.5 62.3

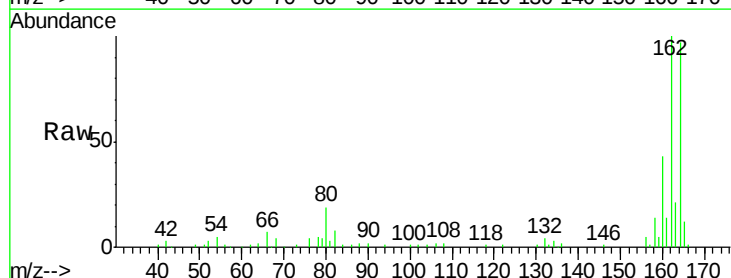


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

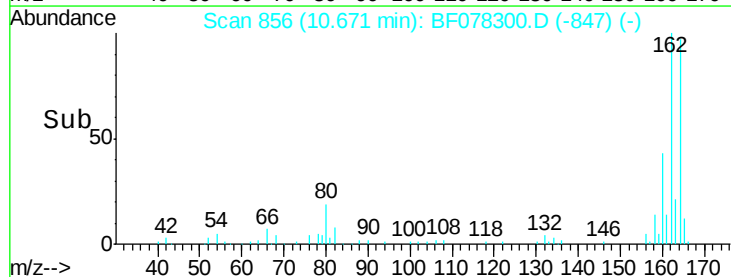
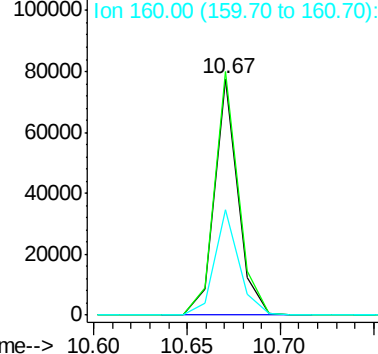


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF078300.D
 Acq: 7 Apr 2015 16:12

Tgt Ion:164 Resp: 67758
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.2 123.2
 160 44.4 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

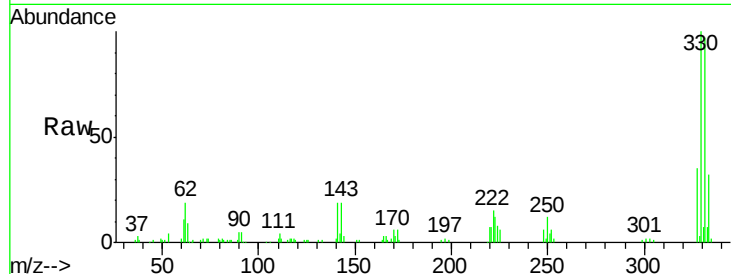




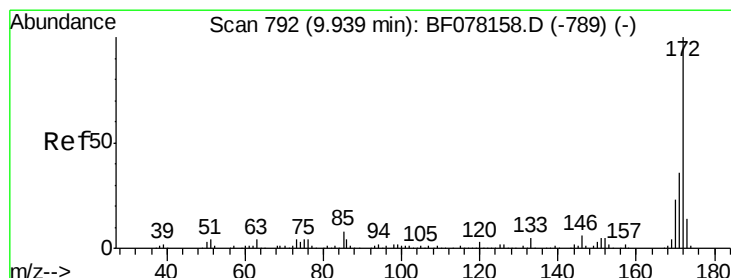
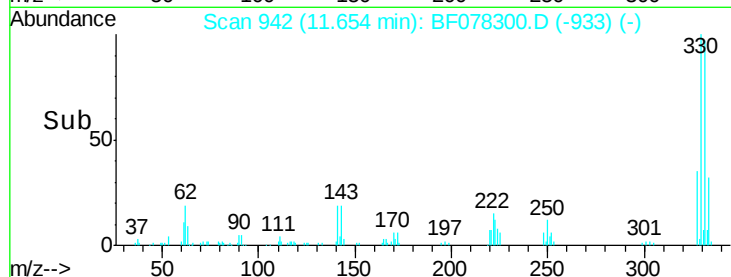
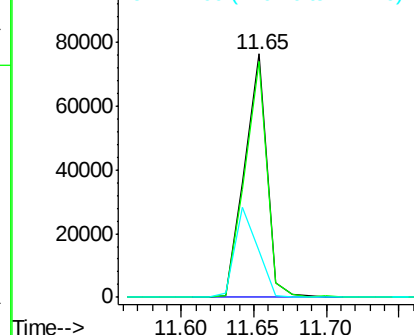
#41
 2,4,6-Tribromophenol
 Concen: 144.98 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078300.D
 Acq: 7 Apr 2015 16:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82574BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.6	117.8
141	38.0	31.2	46.8

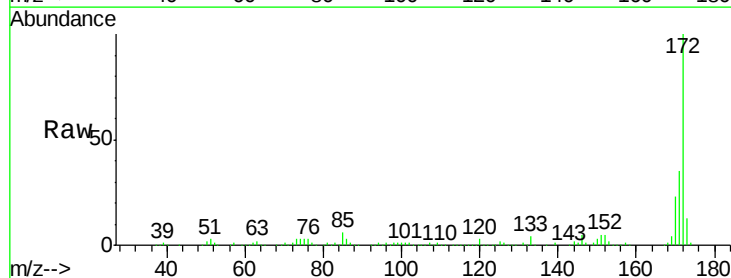


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

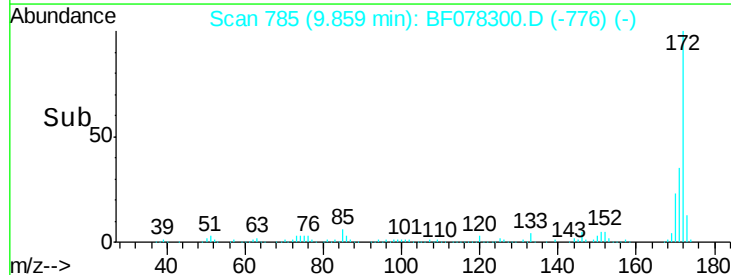
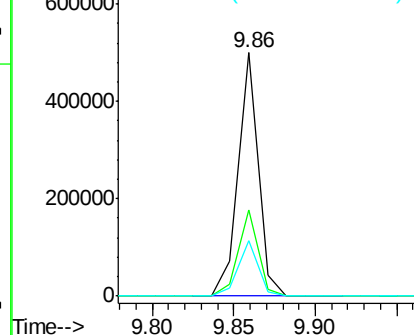


#44
 2-Fluorobiphenyl
 Concen: 89.67 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078300.D
 Acq: 7 Apr 2015 16:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.0	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

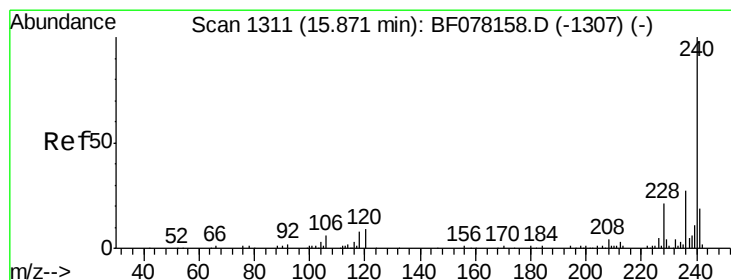
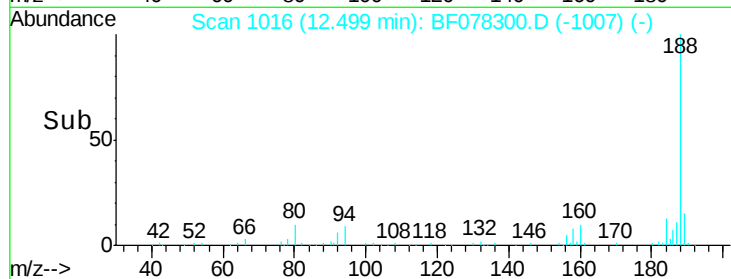
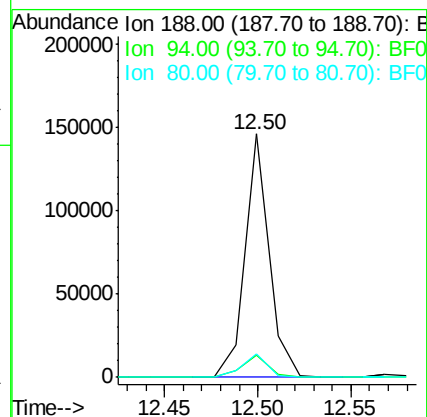
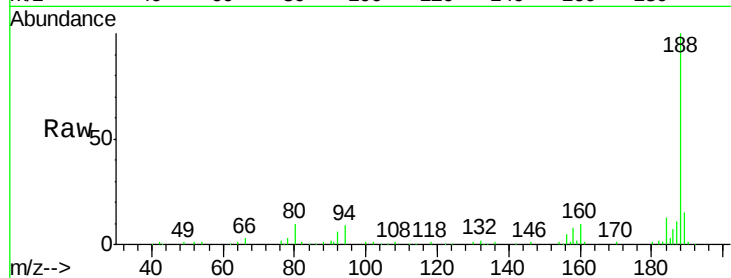




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF078300.D
Acq: 7 Apr 2015 16:12

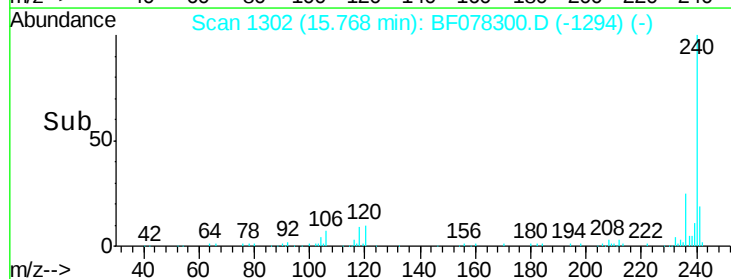
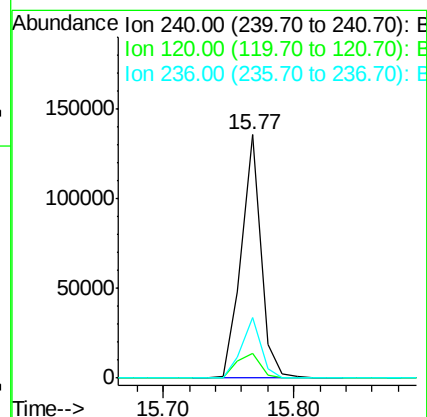
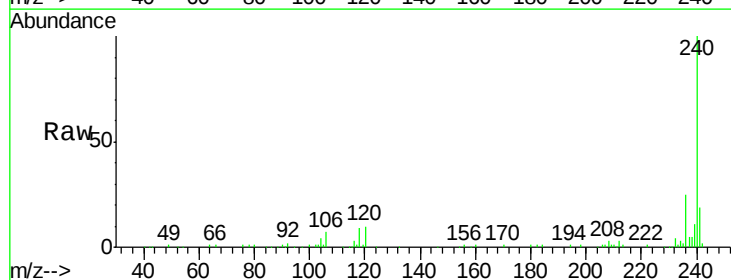
Instrument :
BNA_F
ClientSampleId :
PB82574BL

Tot Ion:188 Resp: 131641
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 9.9 9.5 14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF078300.D
Acq: 7 Apr 2015 16:12

Tgt Ion:240 Resp: 142175
Ion Ratio Lower Upper
240 100
120 10.1 7.1 10.7
236 24.9 21.4 32.2

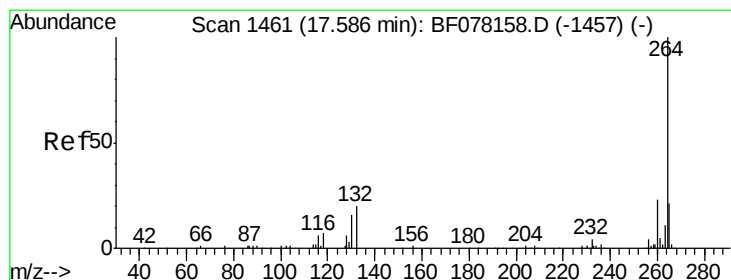
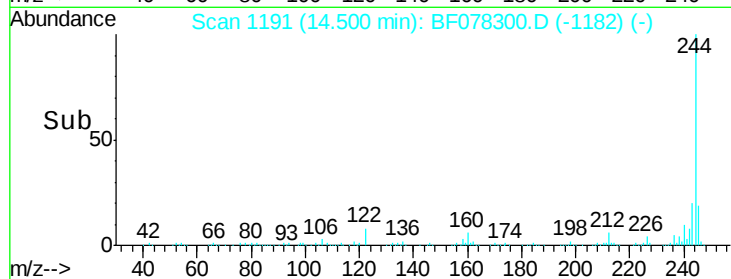
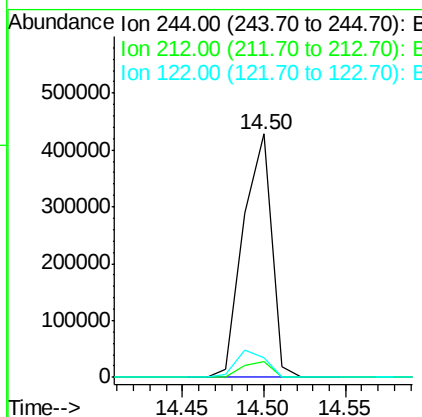
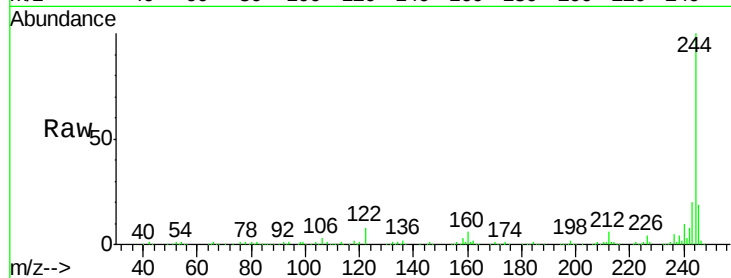




#78
 Terphenyl-d14
 Concen: 82.10 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF078300.D
 Acq: 7 Apr 2015 16:12

Instrument :
 BNA_F
 ClientSampled :
 PB82574BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	8.2	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.49 min Scan# 1453
 Delta R.T. -0.07 min
 Lab File: BF078300.D
 Acq: 7 Apr 2015 16:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.3	17.0	25.6

