

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078027.D
 Acq On : 27 Mar 2015 7:54
 Operator : TP/IZ
 Sample : G1611-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Mar 27 14:37:44 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

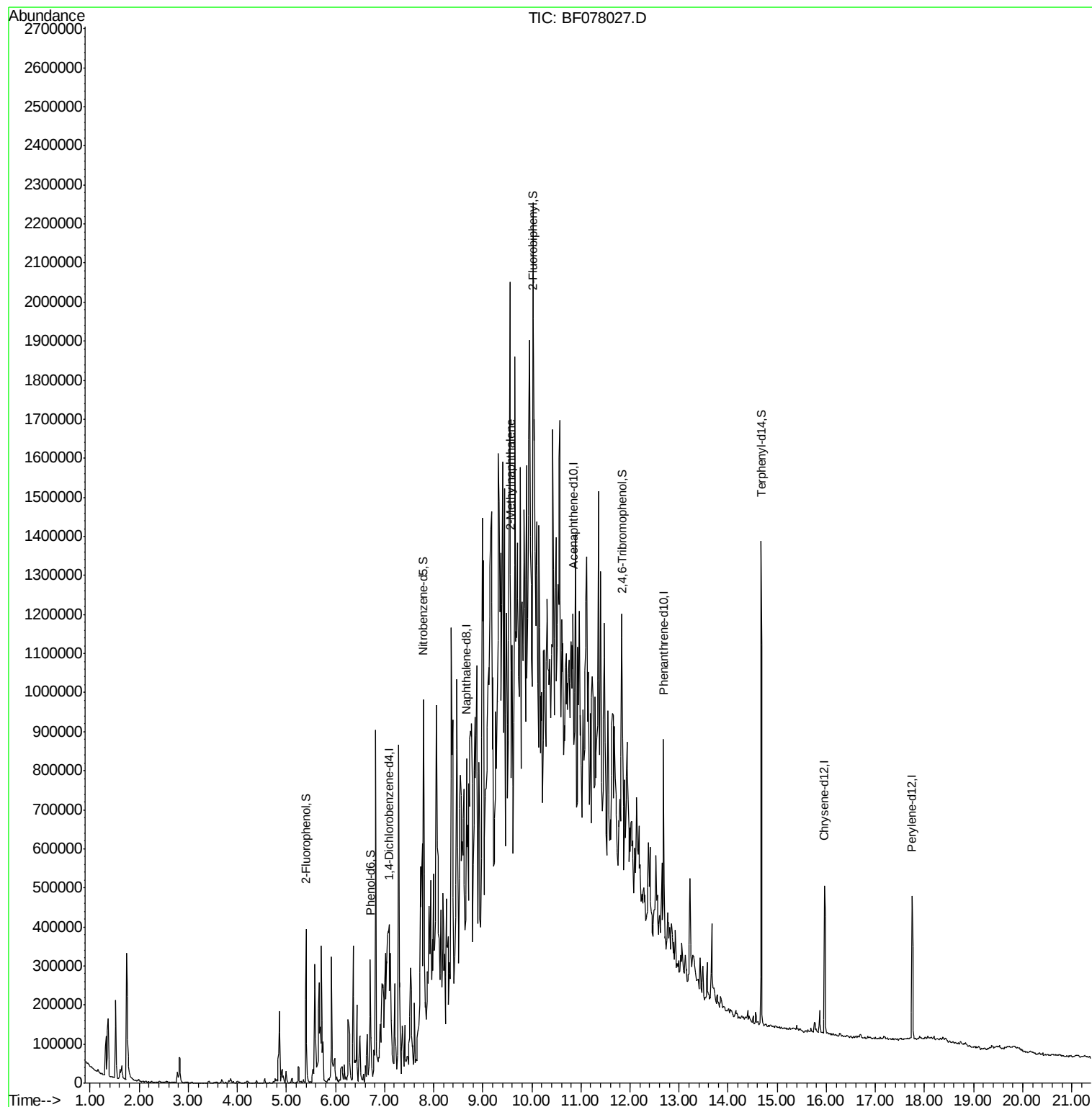
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	42762	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	172179	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	92631	20.00	ng	-0.07
63) Phenanthrene-d10	12.68	188	168924	20.00	ng	-0.07
75) Chrysene-d12	15.96	240	187957	20.00	ng	-0.17
86) Perylene-d12	17.75	264	175639	20.00	ng	-0.35
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	154249	62.96	ng	-0.03
7) Phenol-d6	6.70	99	124811	41.24	ng	-0.02
23) Nitrobenzene-d5	7.79	82	243086	92.55	ng	-0.07
41) 2,4,6-Tribromophenol	11.84	330	106109	119.72	ng	-0.06
44) 2-Fluorobiphenyl	10.02	172	484419	76.85	ng	-0.07
78) Terphenyl-d14	14.67	244	580011	75.38	ng	-0.09
Target Compounds						
37) 2-Methylnaphthalene	9.56	142	71776	12.08	ng	Qvalue # 93

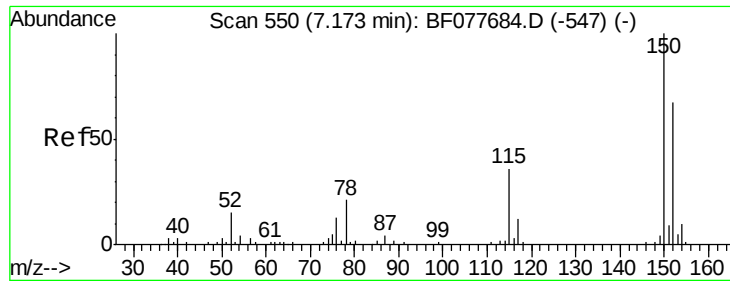
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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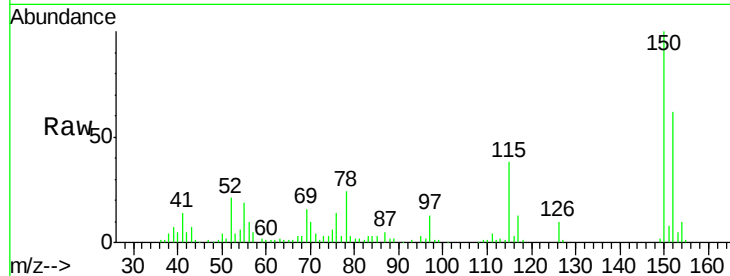




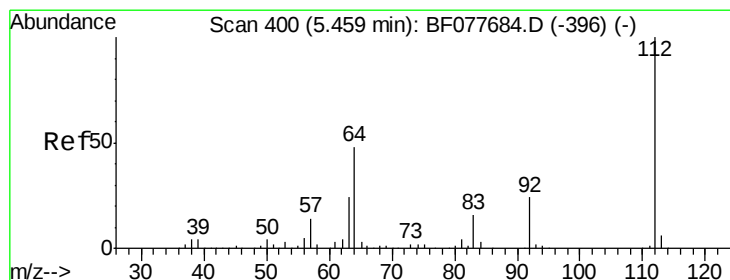
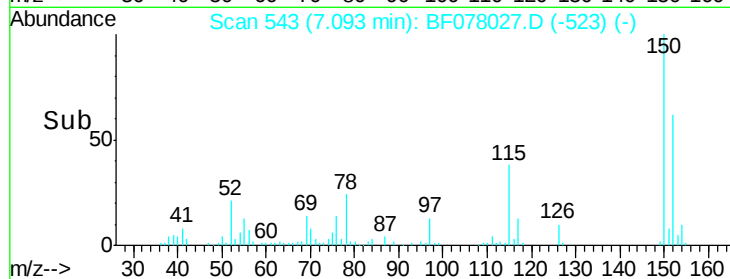
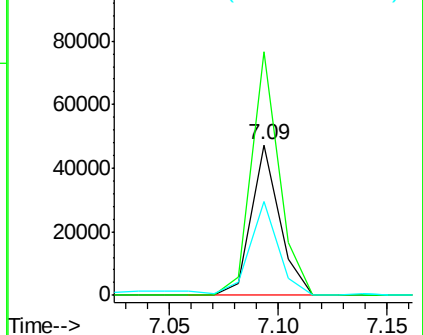
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.07 min
 Lab File: BF078027.D
 Acq: 27 Mar 2015 7:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:152 Resp: 42762
 Ion Ratio Lower Upper
 152 100
 150 161.8 119.5 179.3
 115 62.0 43.0 64.4

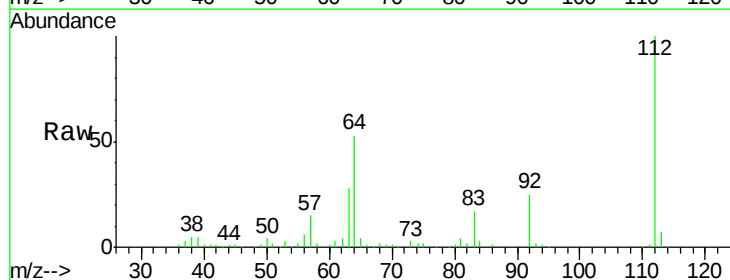


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

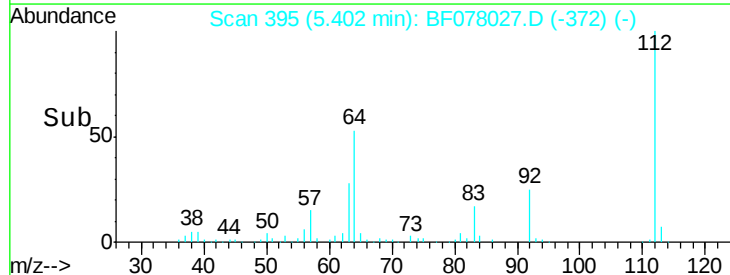
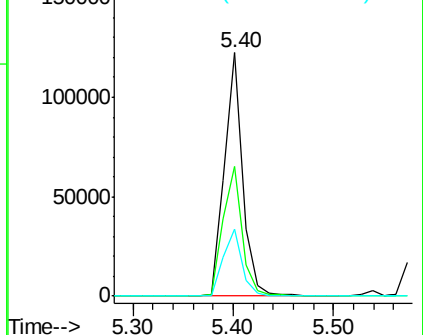


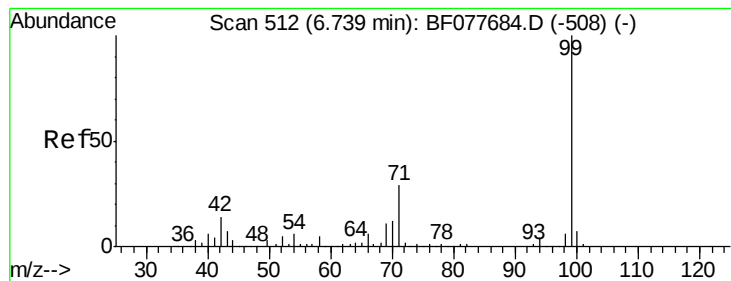
#5
 2-Fluorophenol
 Concen: 62.96 ng
 RT: 5.40 min Scan# 395
 Delta R.T. -0.03 min
 Lab File: BF078027.D
 Acq: 27 Mar 2015 7:54

Tgt Ion:112 Resp: 154249
 Ion Ratio Lower Upper
 112 100
 64 53.5 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: 41.24 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF078027.D

Acq: 27 Mar 2015 7:54

Instrument :

BNA_F

ClientSampleId :

MW-17

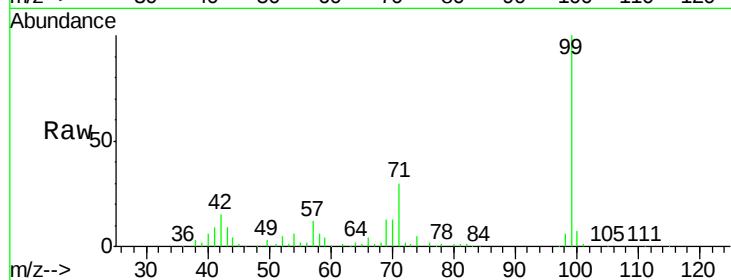
Tgt Ion: 99 Resp: 124811

Ion Ratio Lower Upper

99 100

42 15.0 11.0 16.4

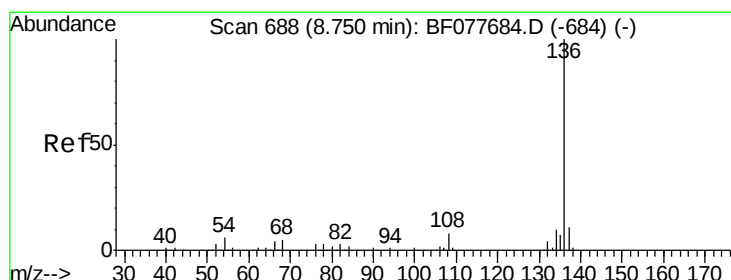
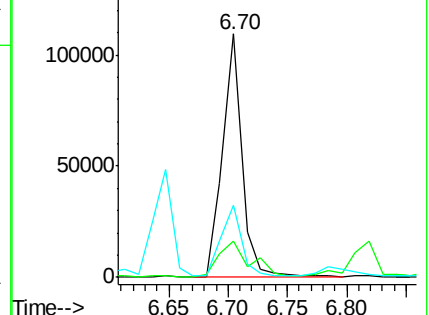
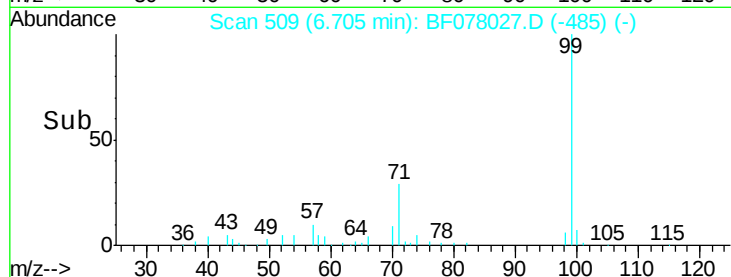
71 29.9 23.4 35.2



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. -0.07 min

Lab File: BF078027.D

Acq: 27 Mar 2015 7:54

Tgt Ion: 136 Resp: 172179

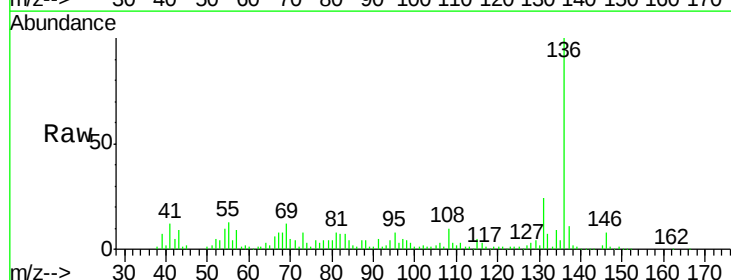
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.7 4.6 6.8#

68 8.3 3.7 5.5#

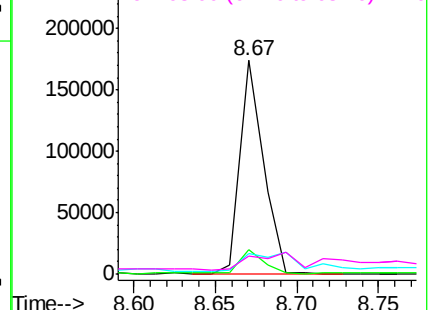
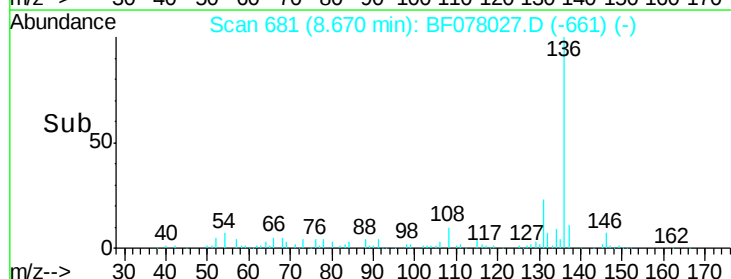


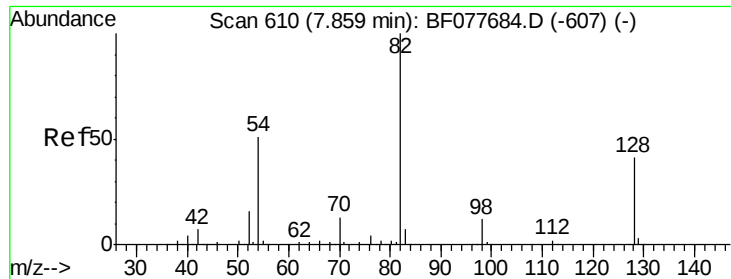
Abundance Ion 136.00 (135.70 to 136.70): E

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

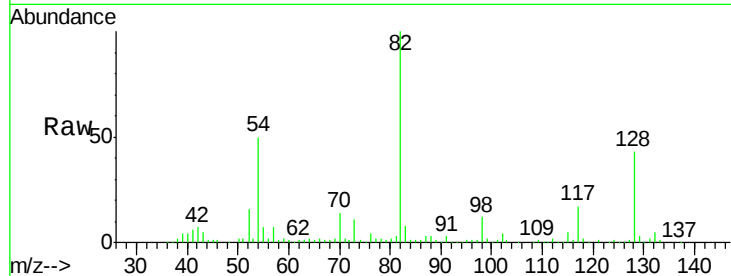




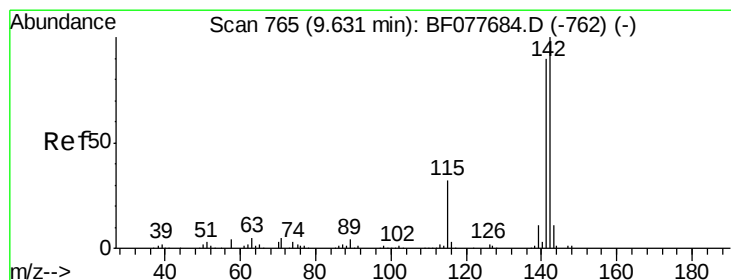
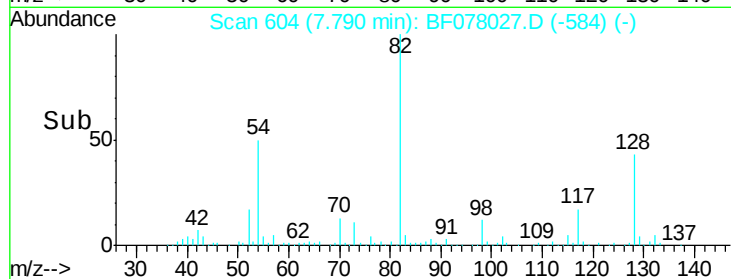
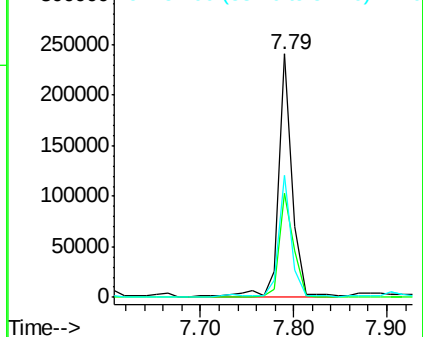
#23
 Nitrobenzene-d5
 Concen: 92.55 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.07 min
 Lab File: BF078027.D
 Acq: 27 Mar 2015 7:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.8	49.2
54	49.9	40.6	60.8

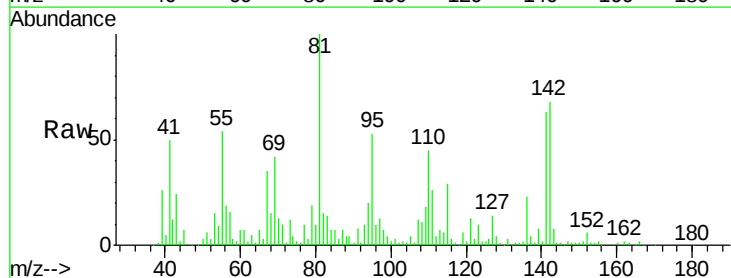


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

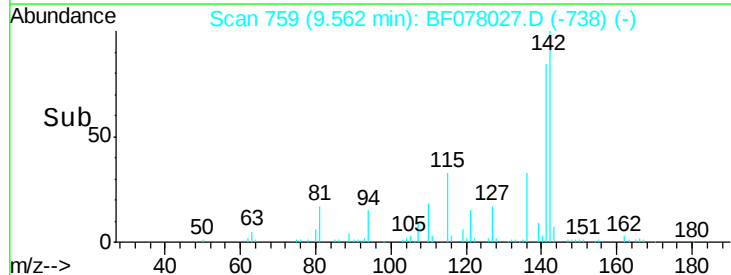
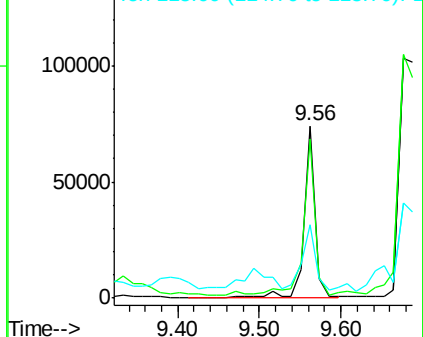


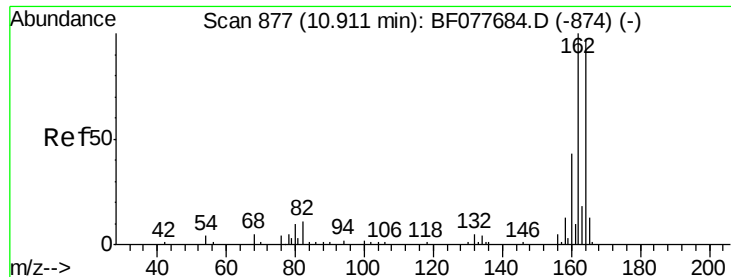
#37
 2-Methylnaphthalene
 Concen: 12.08 ng
 RT: 9.56 min Scan# 759
 Delta R.T. -0.06 min
 Lab File: BF078027.D
 Acq: 27 Mar 2015 7:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.9	107.9
115	42.3	25.4	38.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

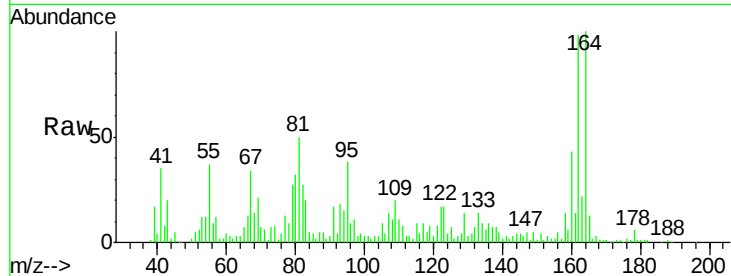




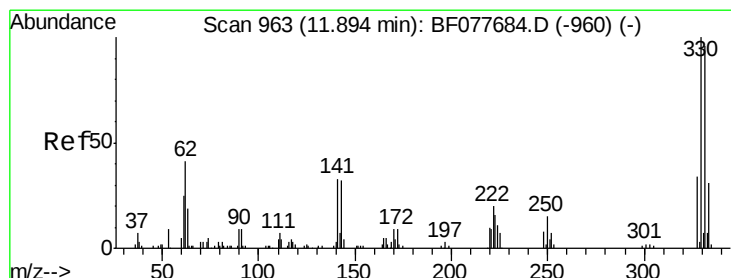
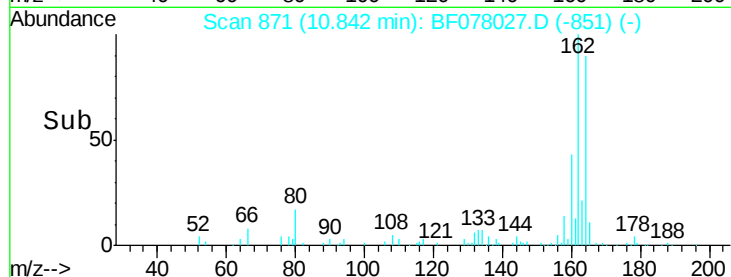
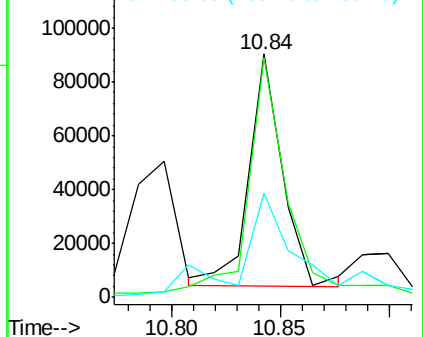
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.07 min
 Lab File: BF078027.D
 Acq: 27 Mar 2015 7:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:164 Resp: 92631
 Ion Ratio Lower Upper
 164 100
 162 98.4 82.4 123.6
 160 42.7 35.8 53.6

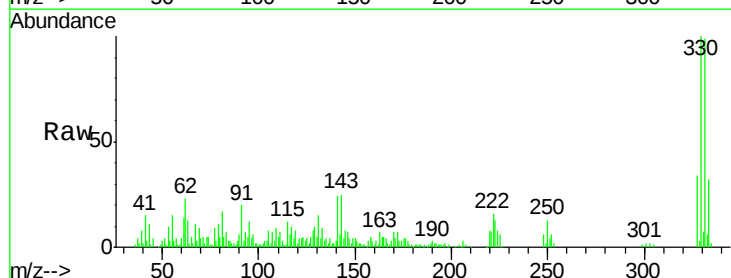


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

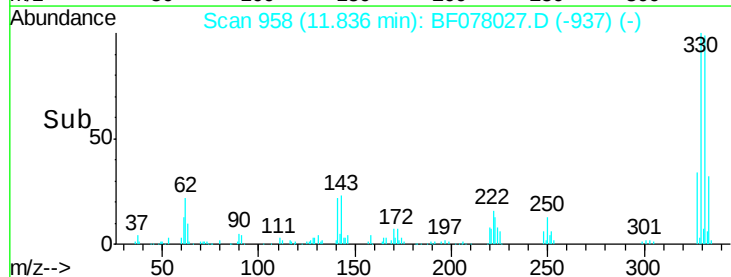
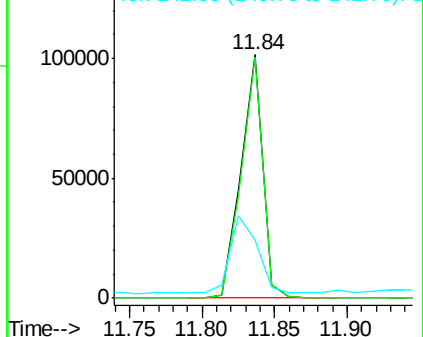


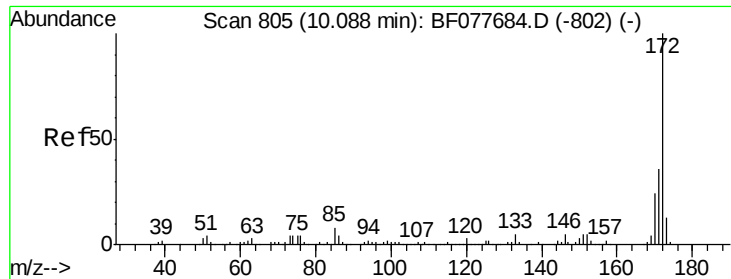
#41
 2,4,6-Tribromophenol
 Concen: 119.72 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.06 min
 Lab File: BF078027.D
 Acq: 27 Mar 2015 7:54

Tgt Ion:330 Resp: 106109
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 42.0 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

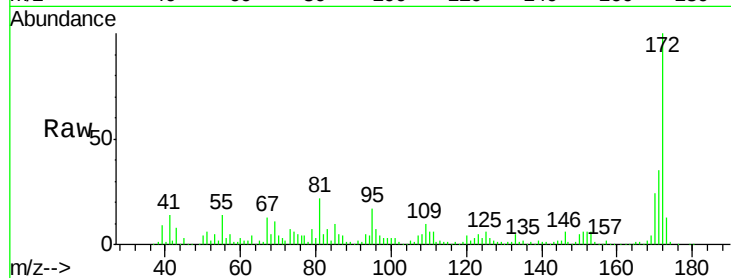




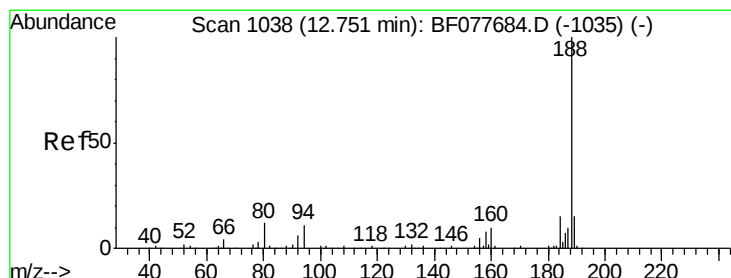
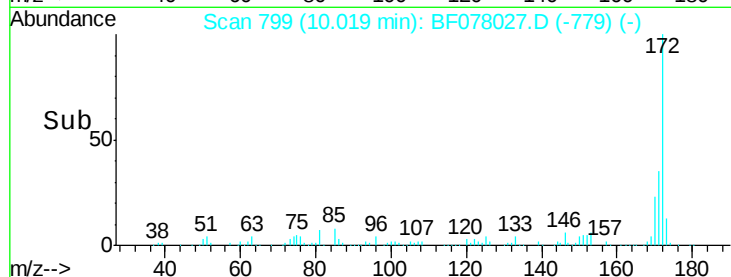
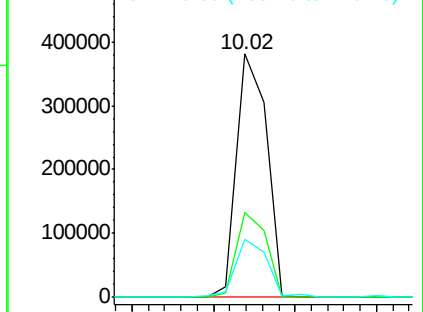
#44
 2-Fluorobiphenyl
 Concen: 76.85 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078027.D
 Acq: 27 Mar 2015 7:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:172 Resp: 484419
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.6 18.8 28.2

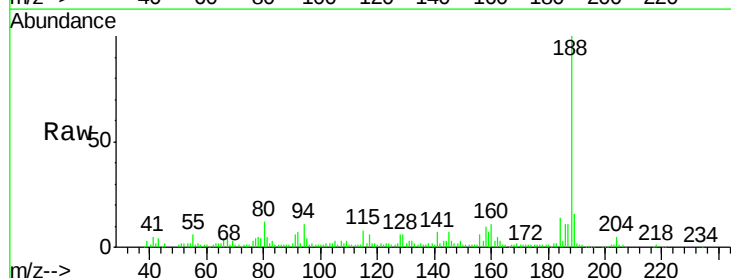


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

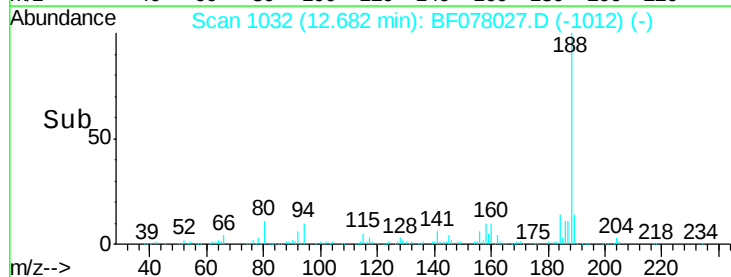
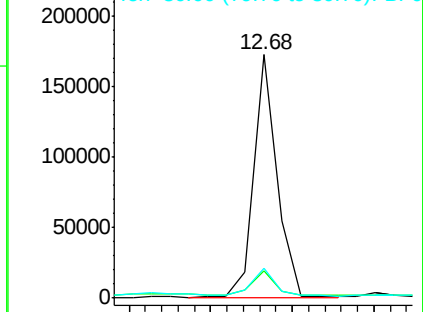


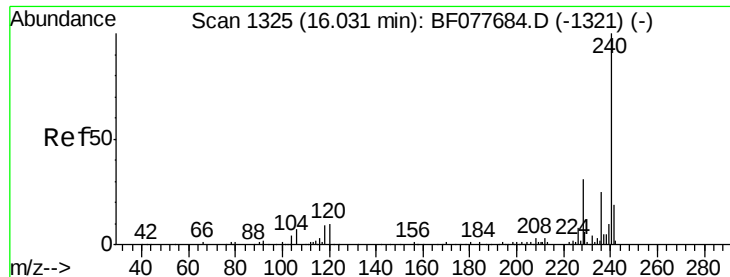
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.07 min
 Lab File: BF078027.D
 Acq: 27 Mar 2015 7:54

Tgt Ion:188 Resp: 168924
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.7 13.1
 80 12.3 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: 15.96 min Scan# 1319

Delta R.T. -0.17 min

Lab File: BF078027.D

Acq: 27 Mar 2015 7:54

Instrument :

BNA_F

ClientSampleId :

MW-17

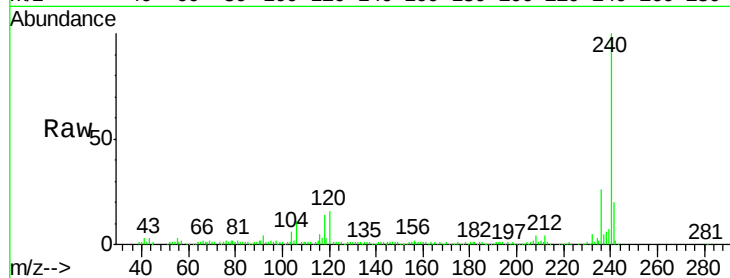
Tgt Ion:240 Resp: 187957

Ion Ratio Lower Upper

240 100

120 15.6 8.2 12.2#

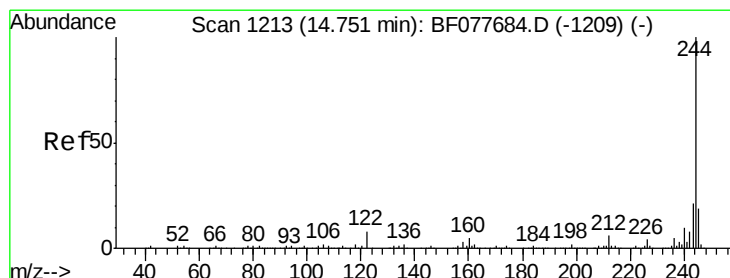
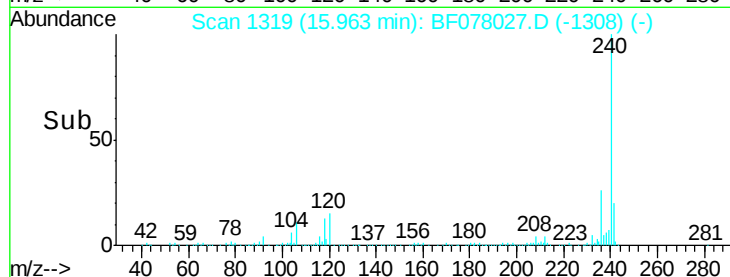
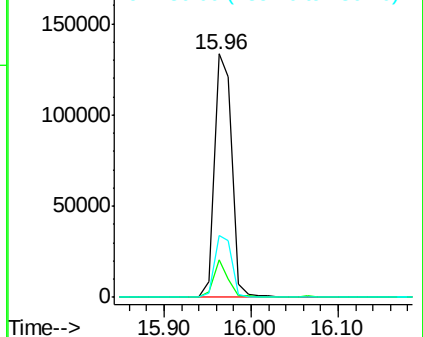
236 25.7 20.0 30.0



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: 75.38 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.09 min

Lab File: BF078027.D

Acq: 27 Mar 2015 7:54

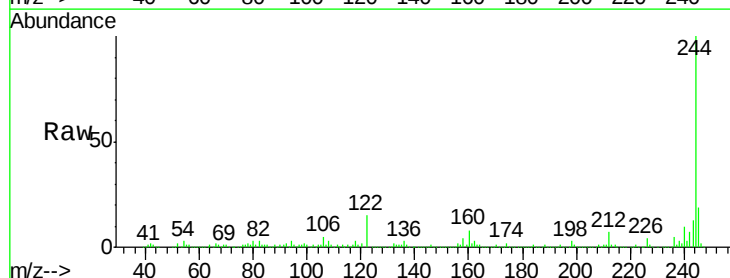
Tgt Ion:244 Resp: 580011

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

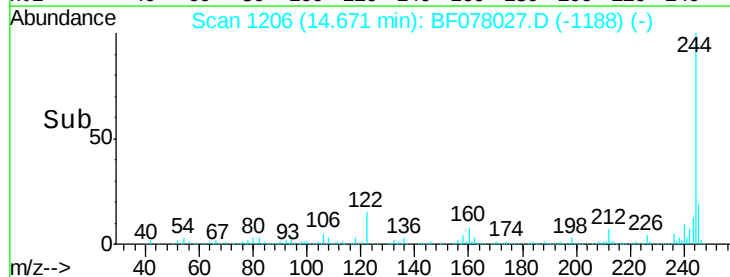
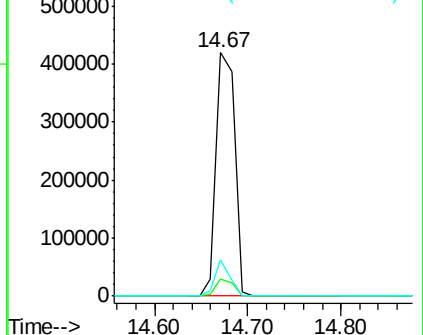
122 15.0 6.2 9.4#

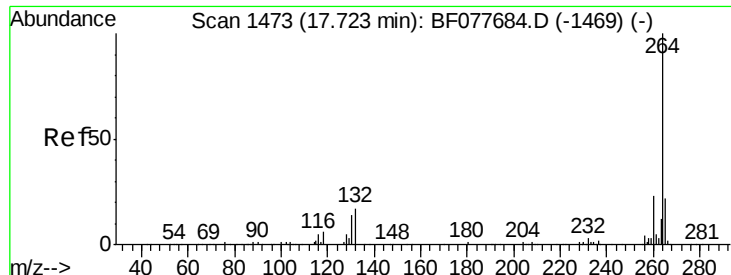


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

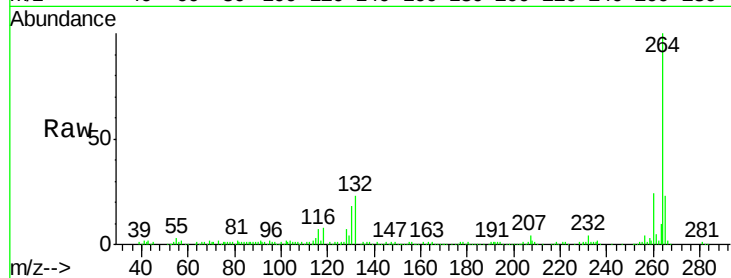




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.35 min
Lab File: BF078027.D
Acq: 27 Mar 2015 7:54

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.8	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

