

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077967.D
 Acq On : 25 Mar 2015 22:45
 Operator : TP/IZ
 Sample : G1643-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-3-23-15

Quant Time: Mar 26 04:12:24 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

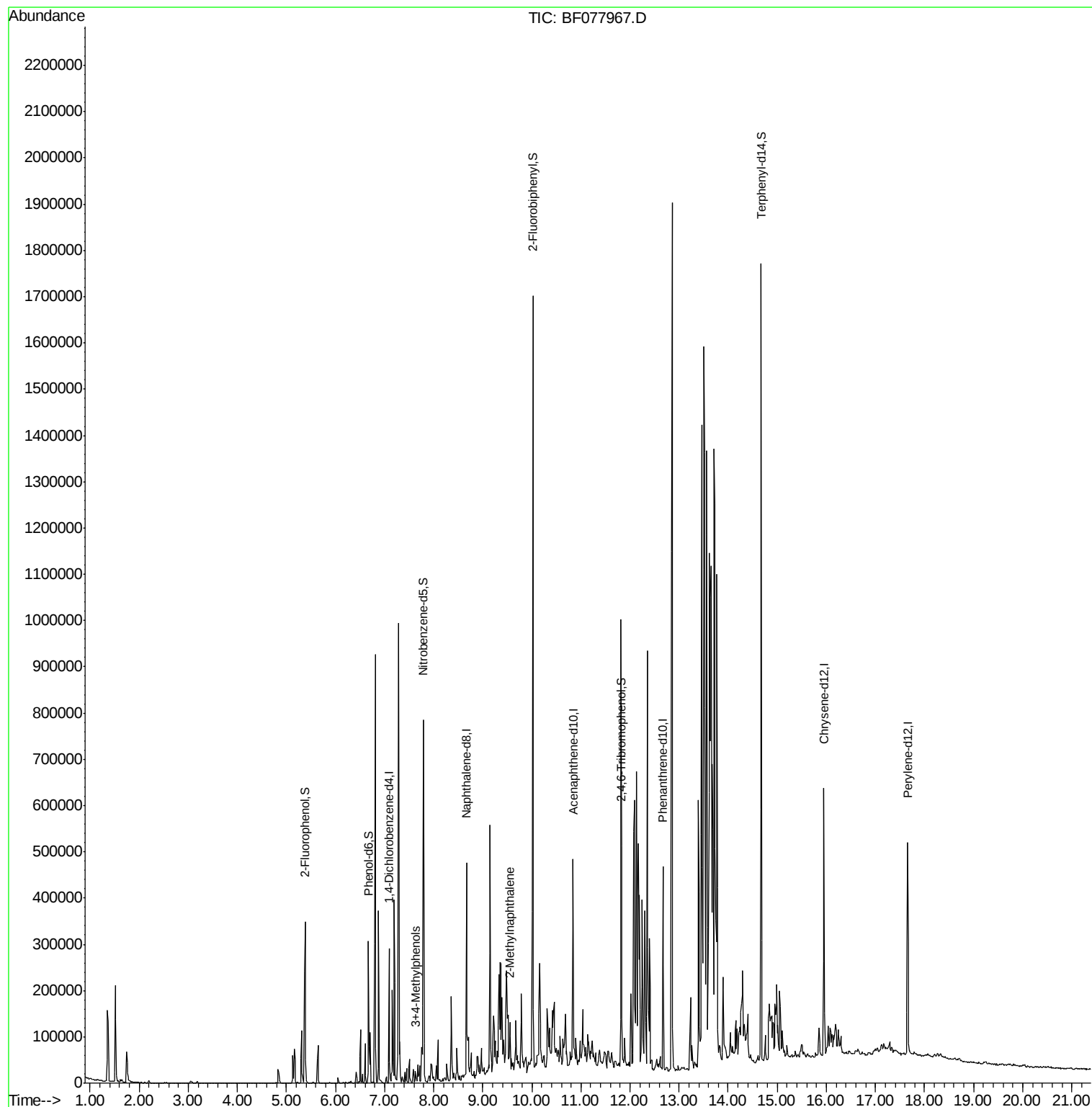
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	44817	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	185749	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	98380	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	190770	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	215211	20.00	ng	-0.02
86) Perylene-d12	17.65	264	205389	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	141665	55.18	ng	0.00
7) Phenol-d6	6.67	99	114472	36.09	ng	0.00
23) Nitrobenzene-d5	7.79	82	231711	81.77	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	109915	116.77	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	513783	76.75	ng	0.00
78) Terphenyl-d14	14.67	244	608267	69.04	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.63	107	7263	2.22	ng	88
37) 2-Methylnaphthalene	9.55	142	30509	4.76	ng	95

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

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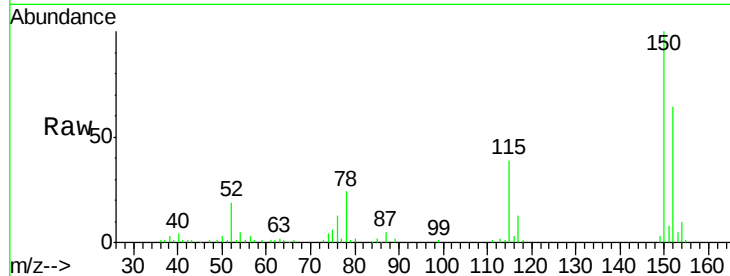


#1

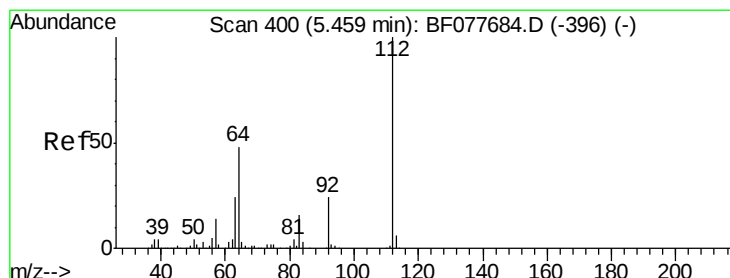
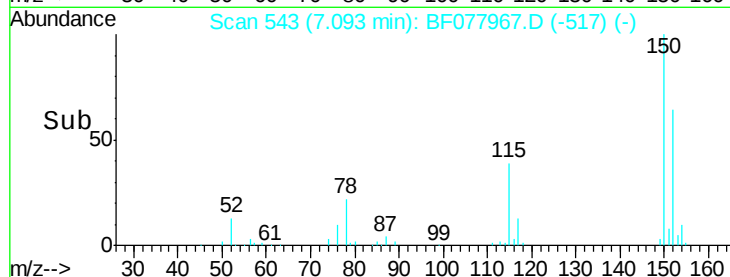
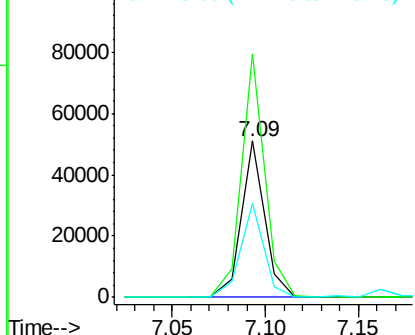
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF077967.D
 Acq: 25 Mar 2015 22:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-3-23-15

Tot Ion:152 Resp: 44817
 Ion Ratio Lower Upper
 152 100
 150 155.7 119.5 179.3
 115 60.0 43.0 64.4



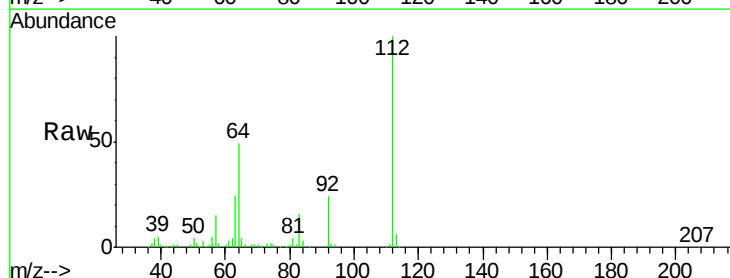
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



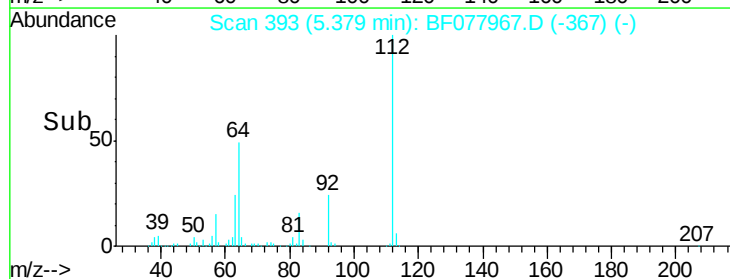
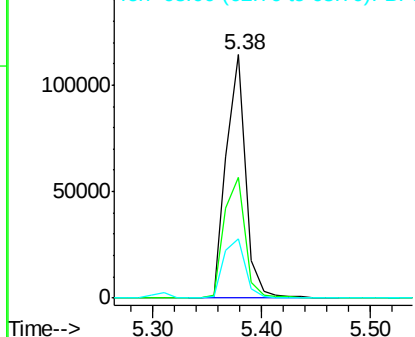
#5

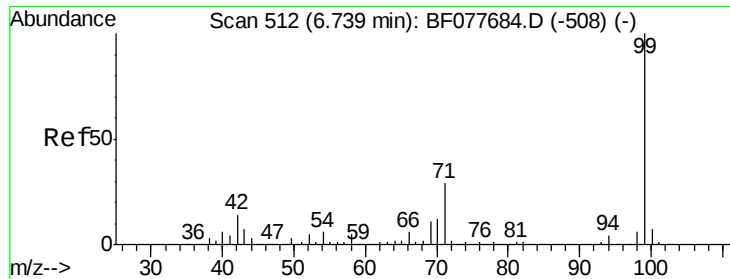
2-Fluorophenol
 Concen: 55.18 ng
 RT: 5.38 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BF077967.D
 Acq: 25 Mar 2015 22:45

Tgt Ion:112 Resp: 141665
 Ion Ratio Lower Upper
 112 100
 64 49.5 38.6 57.8
 63 24.3 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: 36.09 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077967.D

Acq: 25 Mar 2015 22:45

Instrument :

BNA_F

ClientSampleId :

MW-6-3-23-15

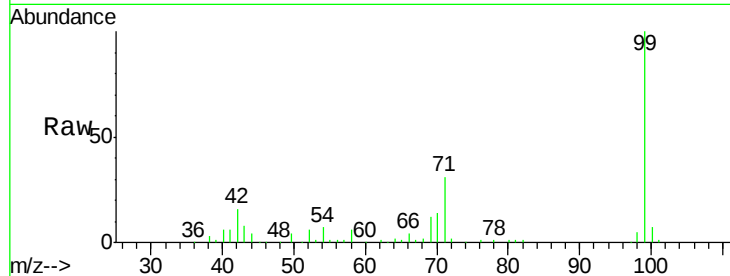
Tot Ion: 99 Resp: 114472

Ion Ratio Lower Upper

99 100

42 16.0 11.0 16.4

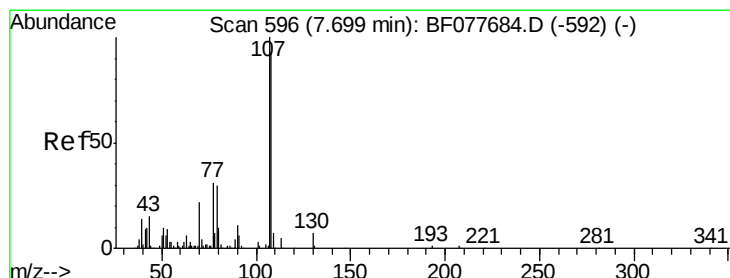
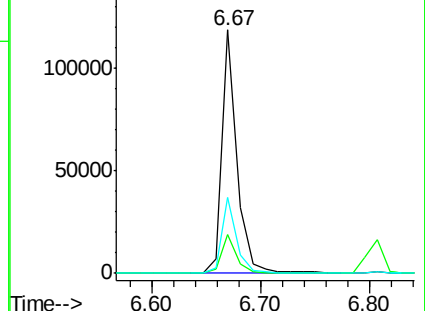
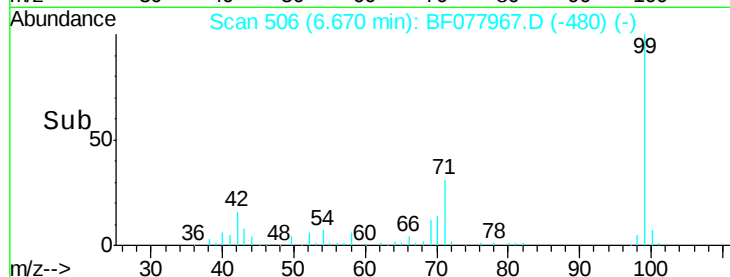
71 30.9 23.4 35.2



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



#20

3+4-Methylphenols

Concen: 2.22 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF077967.D

Acq: 25 Mar 2015 22:45

Tgt Ion: 107 Resp: 7263

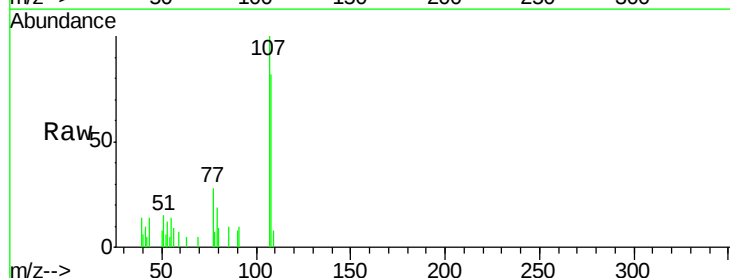
Ion Ratio Lower Upper

107 100

108 81.6 73.2 113.2

77 28.4 10.7 50.7

79 19.0 9.6 49.6

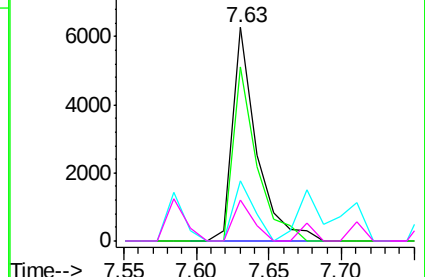
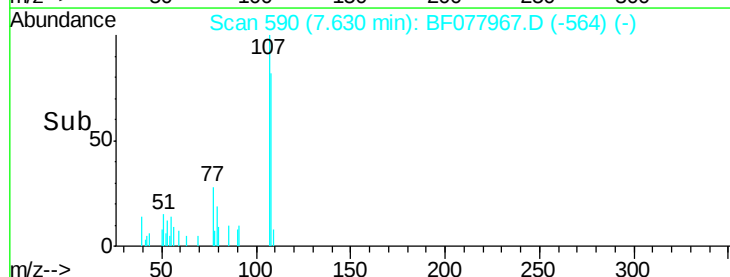


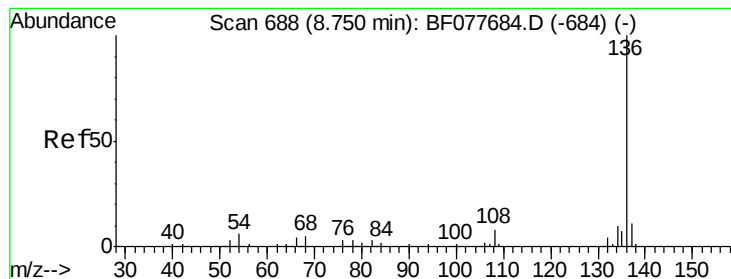
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077967.D

Acq: 25 Mar 2015 22:45

Instrument :

BNA_F

ClientSampleId :

MW-6-3-23-15

Tot Ion:136 Resp: 185749

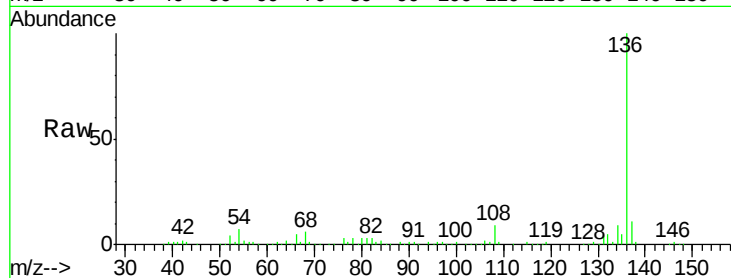
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.2 4.6 6.8#

68 5.6 3.7 5.5#

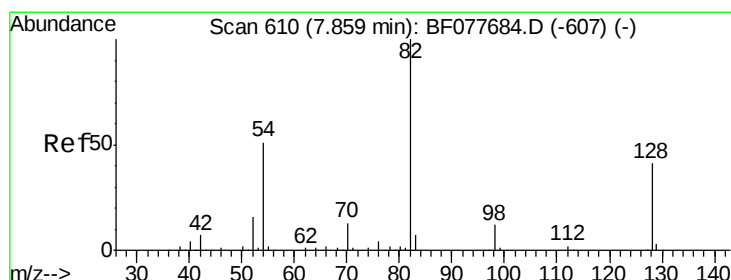
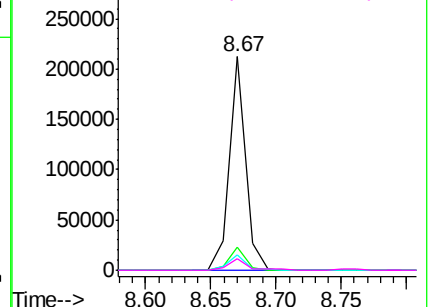
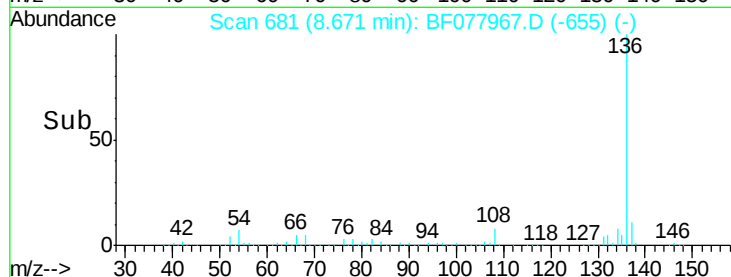


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.77 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077967.D

Acq: 25 Mar 2015 22:45

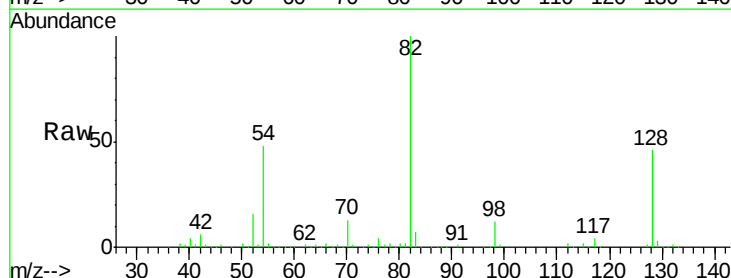
Tgt Ion: 82 Resp: 231711

Ion Ratio Lower Upper

82 100

128 45.6 32.8 49.2

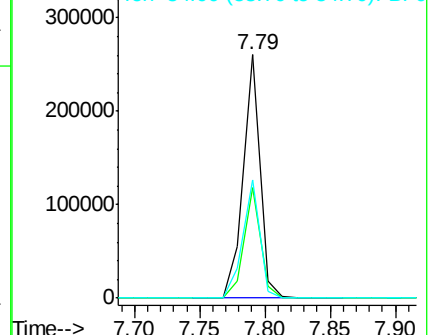
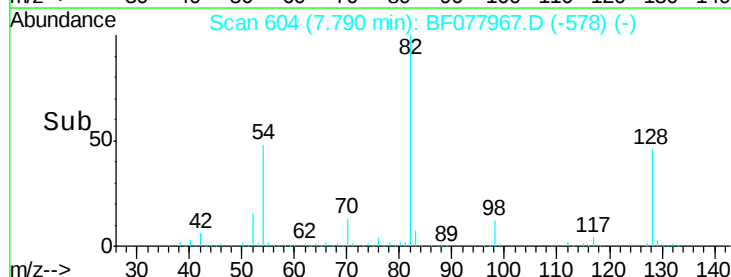
54 48.4 40.6 60.8

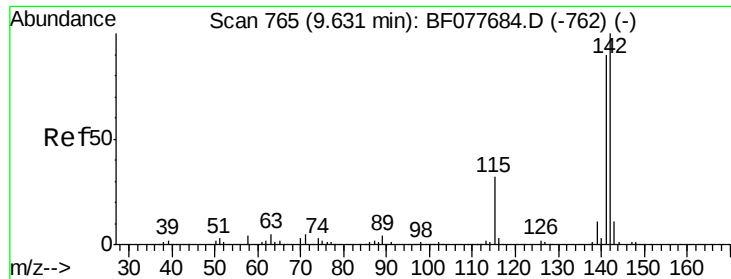


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

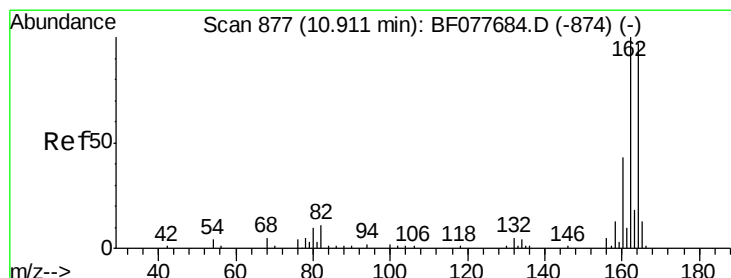
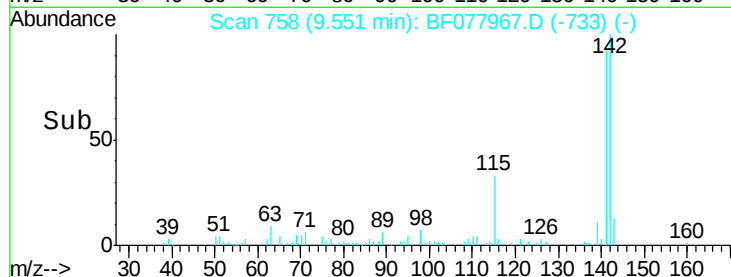
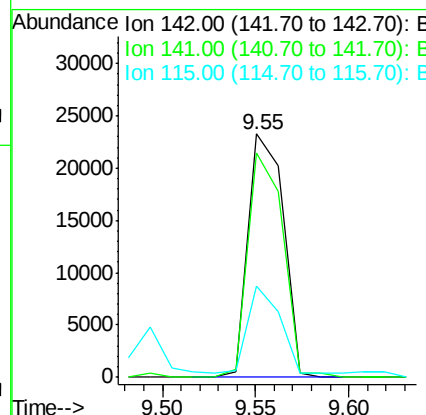
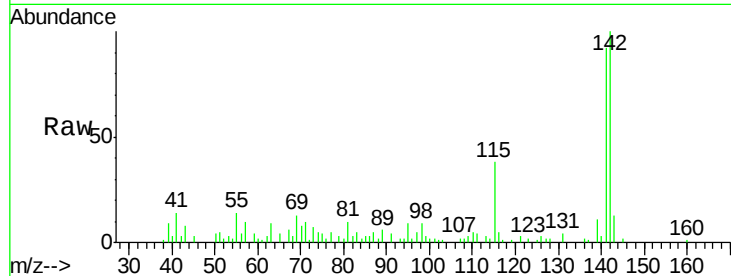




#37
2-Methylnaphthalene
Concen: 4.76 ng
RT: 9.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF077967.D
Acq: 25 Mar 2015 22:45

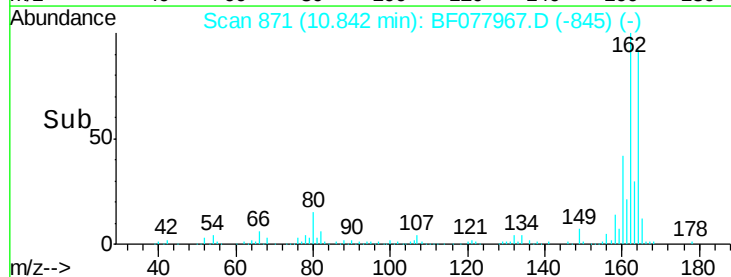
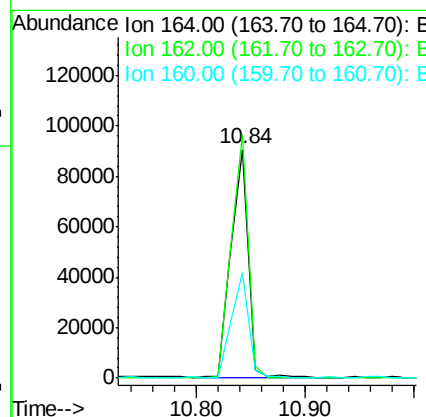
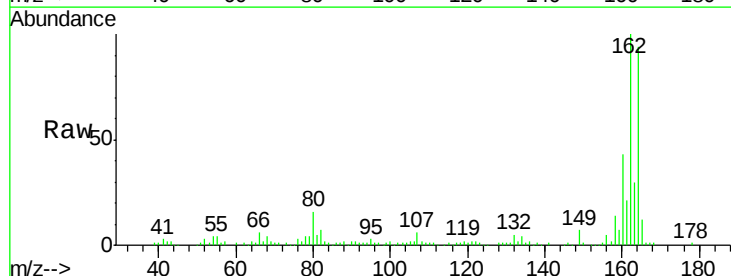
Instrument :
BNA_F
ClientSampleId :
MW-6-3-23-15

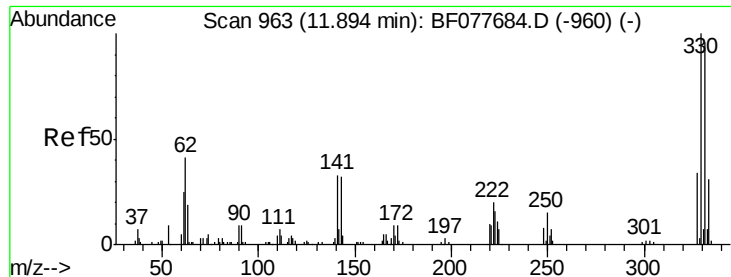
Tot Ion:142 Resp: 30509
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9
115 37.6 25.4 38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF077967.D
Acq: 25 Mar 2015 22:45

Tgt Ion:164 Resp: 98380
Ion Ratio Lower Upper
164 100
162 106.6 82.4 123.6
160 46.0 35.8 53.6

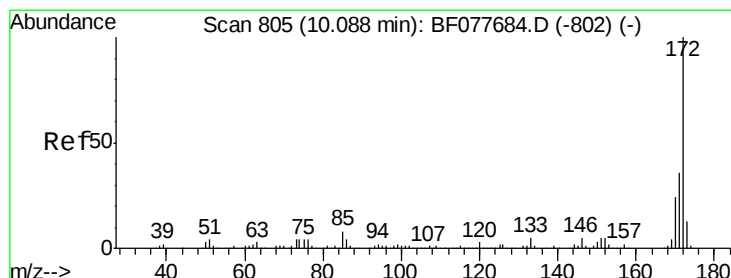
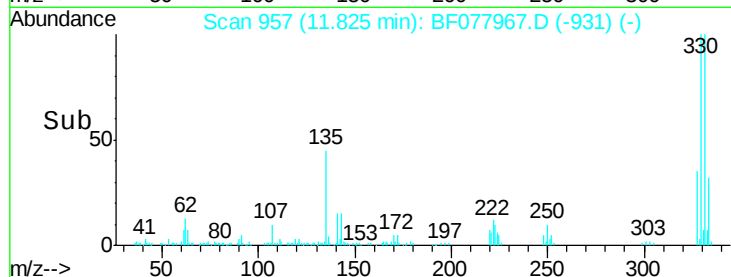
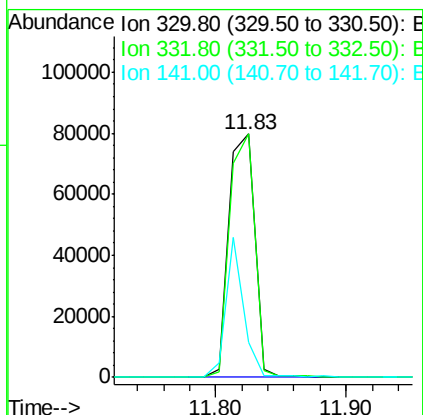
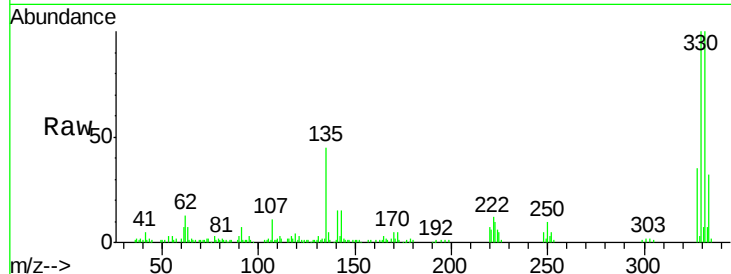




#41
 2,4,6-Tribromophenol
 Concen: 116.77 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077967.D
 Acq: 25 Mar 2015 22:45

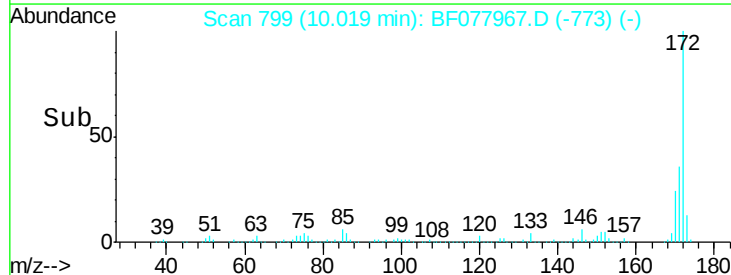
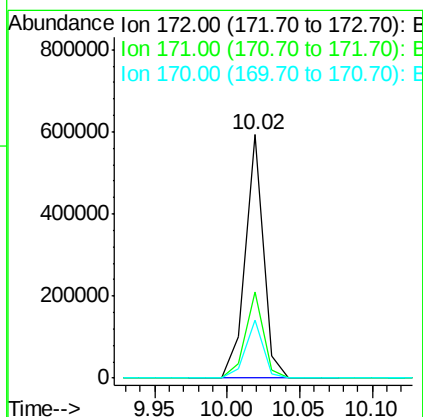
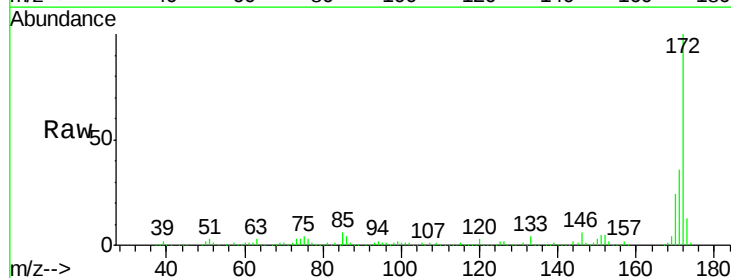
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-3-23-15

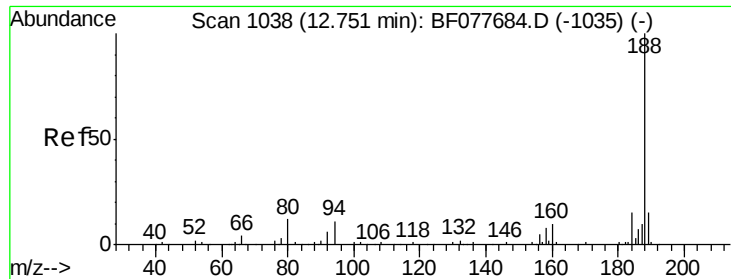
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	40.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 76.75 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077967.D
 Acq: 25 Mar 2015 22:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.8	18.8	28.2

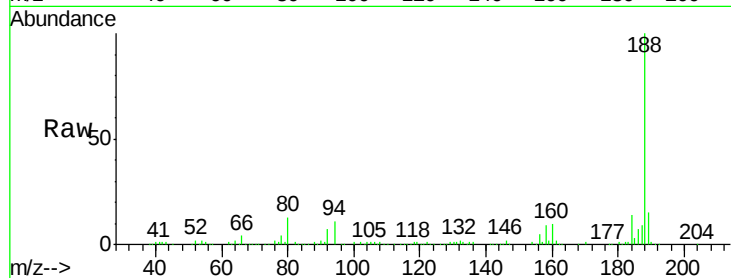




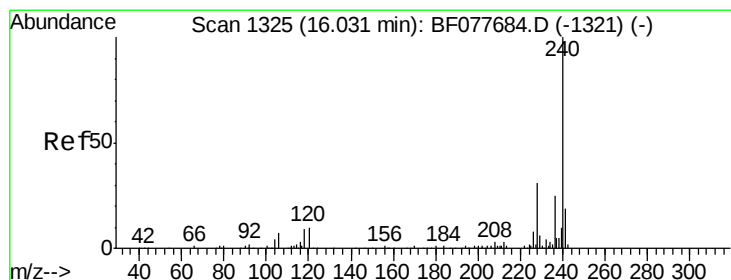
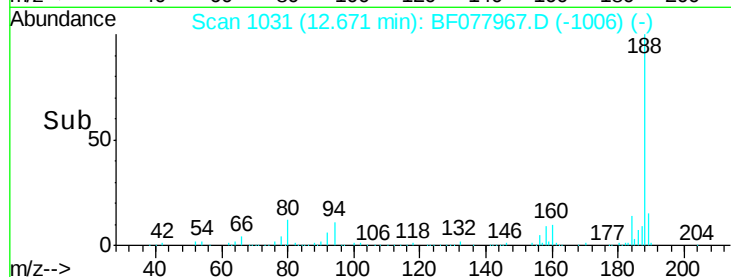
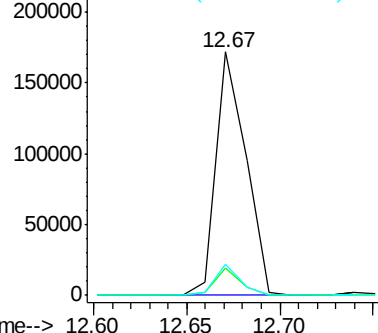
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077967.D
Acq: 25 Mar 2015 22:45

Instrument :
BNA_F
ClientSampleId :
MW-6-3-23-15

Tot Ion:188 Resp: 190770
Ion Ratio Lower Upper
188 100
94 11.4 8.7 13.1
80 12.6 9.3 13.9

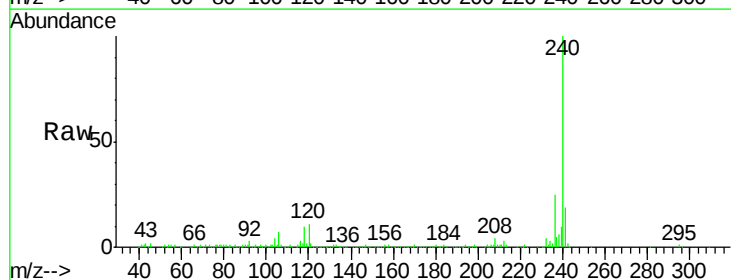


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

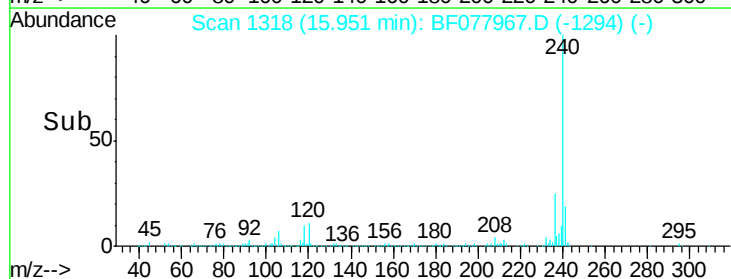
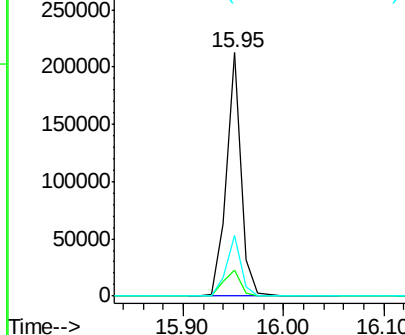


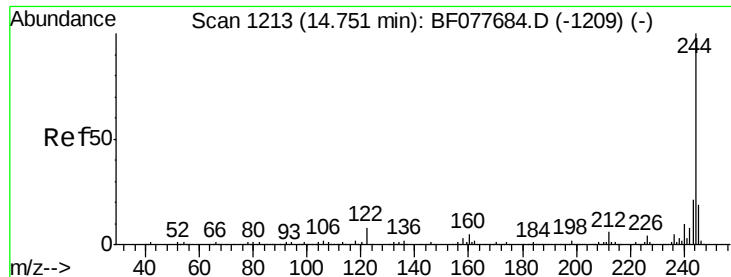
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077967.D
Acq: 25 Mar 2015 22:45

Tgt Ion:240 Resp: 215211
Ion Ratio Lower Upper
240 100
120 10.7 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

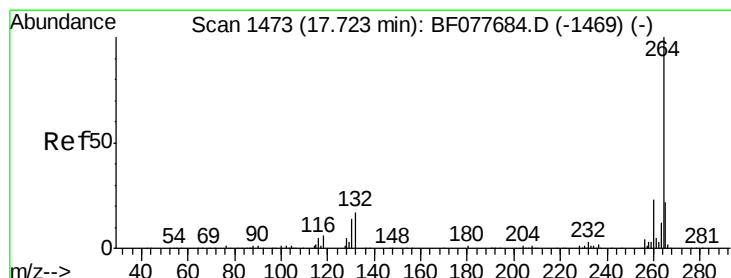
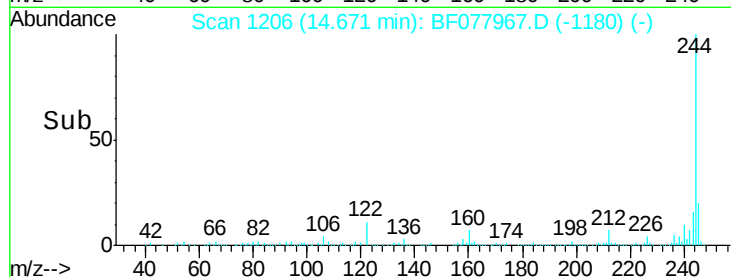
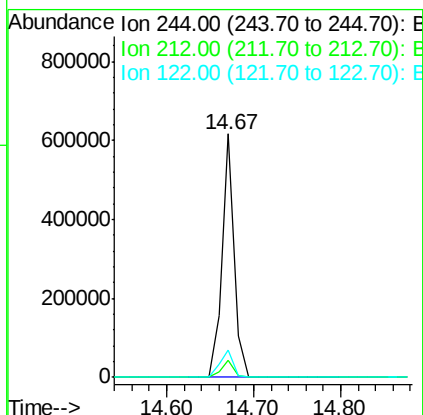
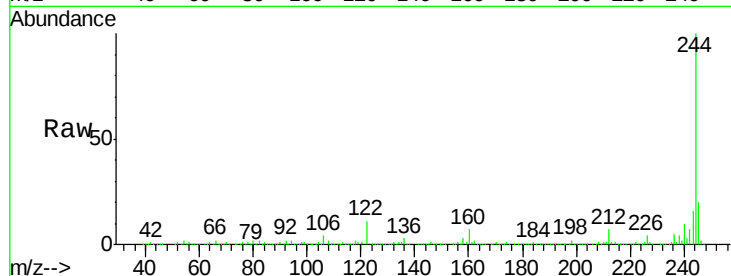




#78
 Terphenyl-d14
 Concen: 69.04 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077967.D
 Acq: 25 Mar 2015 22:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-3-23-15

Tot Ion:244 Resp: 608267
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.9 7.3
 122 11.4 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. -0.09 min
 Lab File: BF077967.D
 Acq: 25 Mar 2015 22:45

Tgt Ion:264 Resp: 205389
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.8 17.3 25.9

