

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077981.D
 Acq On : 26 Mar 2015 6:54
 Operator : TP/IZ
 Sample : G1643-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-3-23-15

Quant Time: Mar 26 07:51:45 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	47898	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	197717	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	100436	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	201358	20.00	ng	-0.01
75) Chrysene-d12	15.96	240	226268	20.00	ng	-0.01
86) Perylene-d12	17.73	264	215015	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	99331	36.20	ng	0.00
7) Phenol-d6	6.67	99	88670	26.15	ng	0.00
23) Nitrobenzene-d5	7.79	82	251879	83.51	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	33953	35.33	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	540053	79.02	ng	0.00
78) Terphenyl-d14	14.67	244	657987	71.03	ng	0.00

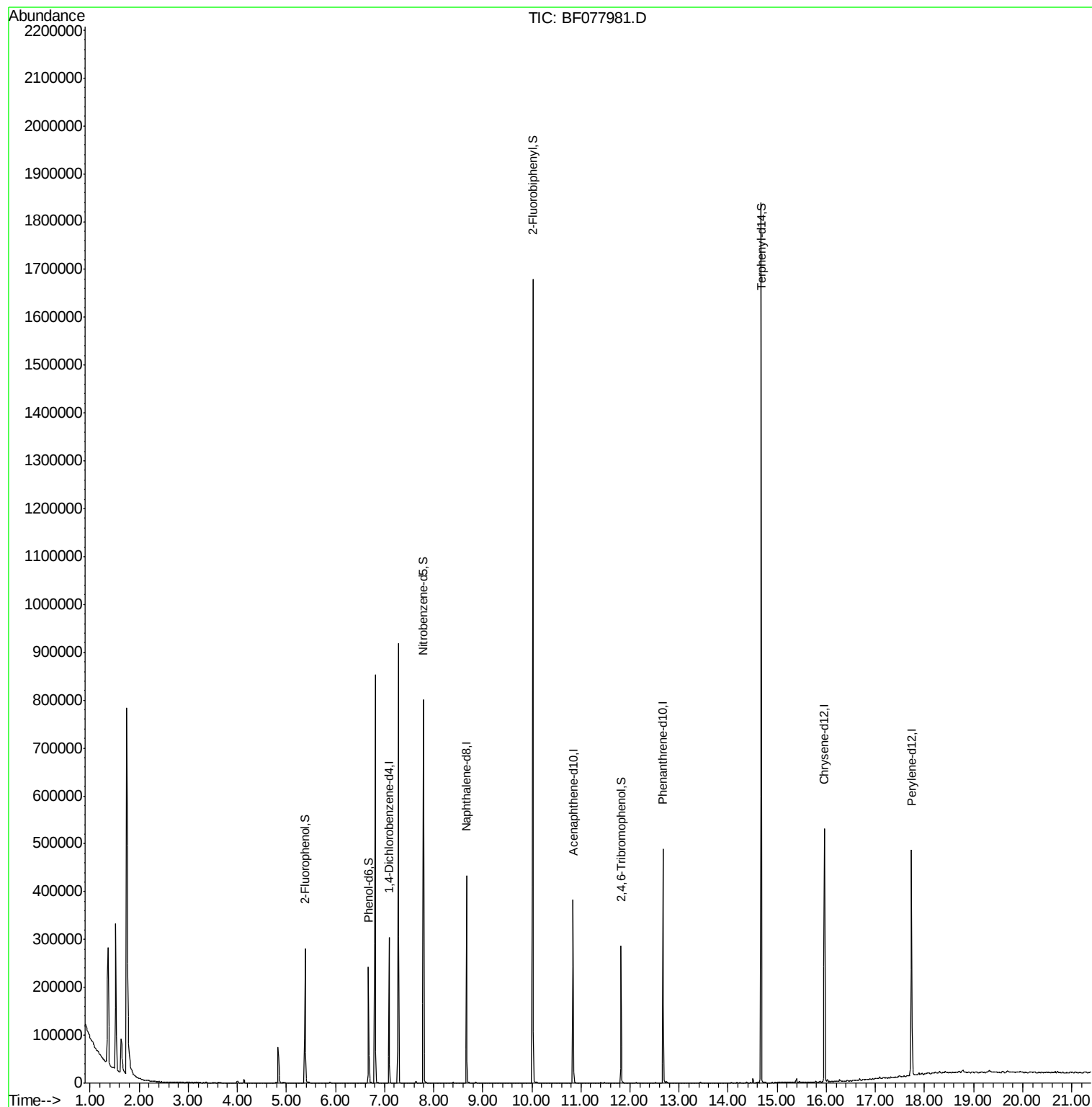
Target Compounds Qvalue

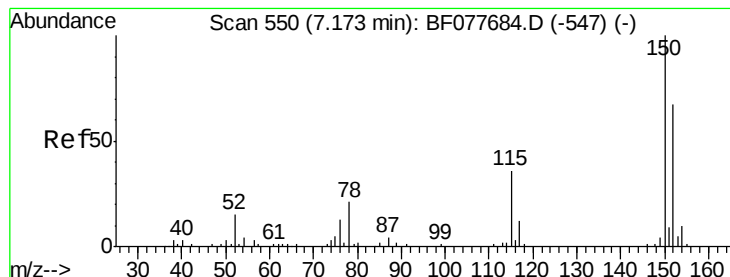
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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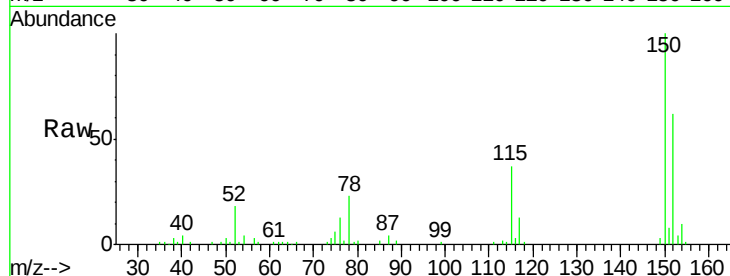


#1

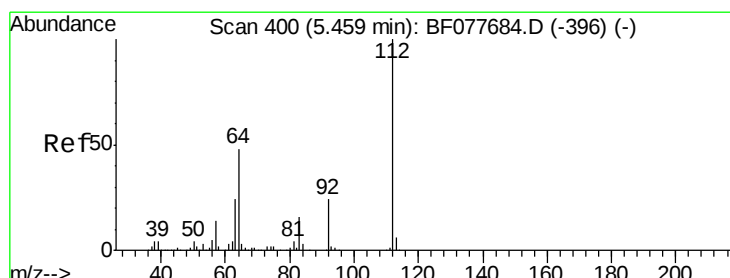
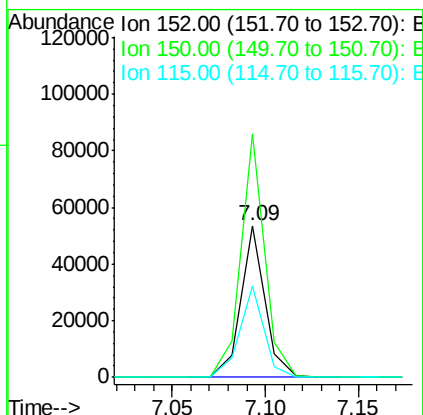
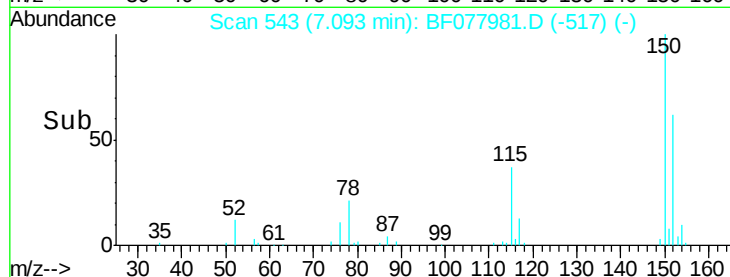
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-3-23-15

Tot Ion	152	Resp	47898
Ion Ratio	Lower	Upper	
152	100		
150	160.7	119.5	179.3
115	60.0	43.0	64.4



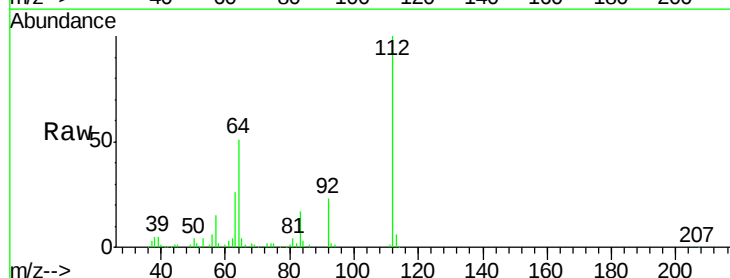
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



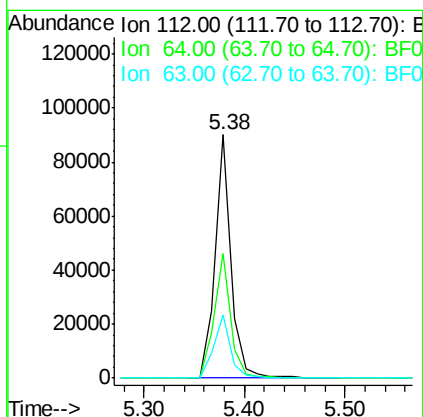
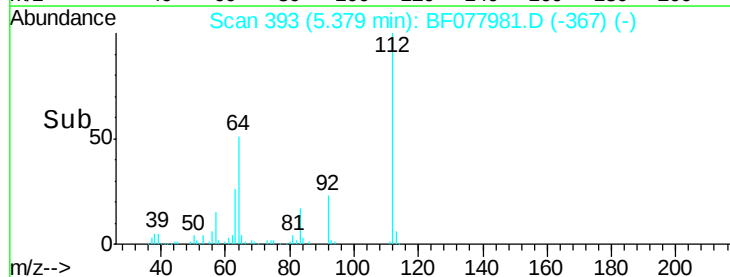
#5

2-Fluorophenol
 Concen: 36.20 ng
 RT: 5.38 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Tgt Ion	112	Resp	99331
Ion Ratio	Lower	Upper	
112	100		
64	50.9	38.6	57.8
63	25.9	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: 26.15 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077981.D

Acq: 26 Mar 2015 6:54

Instrument :

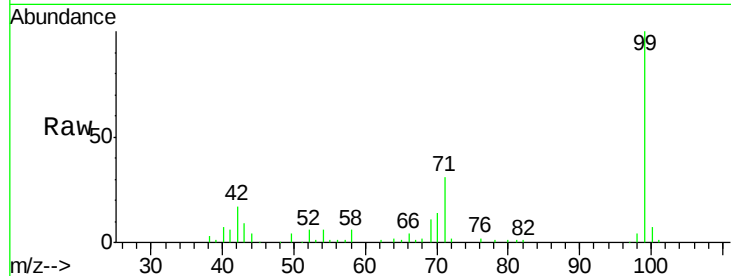
BNA_F

ClientSampleId :

MW-11-3-23-15

Tot Ion: 99 Resp: 88670

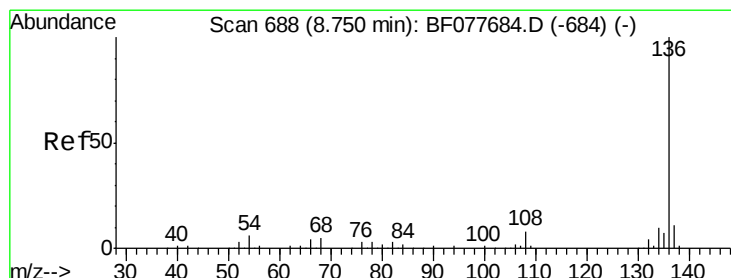
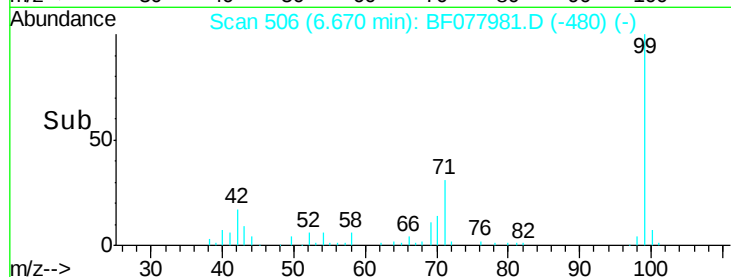
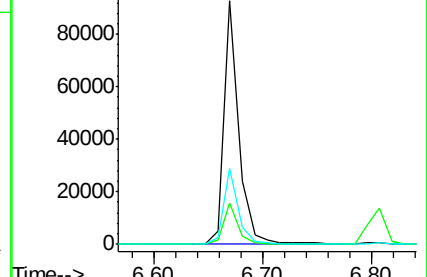
Ion	Ratio	Lower	Upper
99	100		
42	17.1	11.0	16.4#
71	31.4	23.4	35.2



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: BF077981.D

Acq: 26 Mar 2015 6:54

Tgt Ion: 136 Resp: 197717

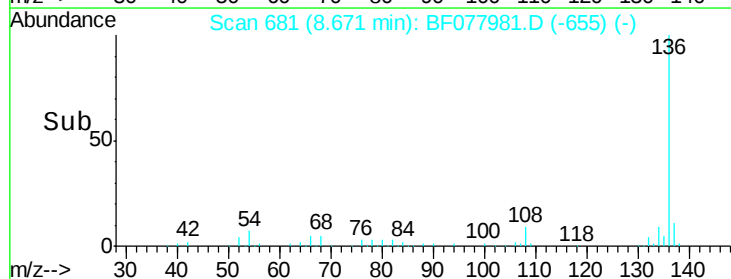
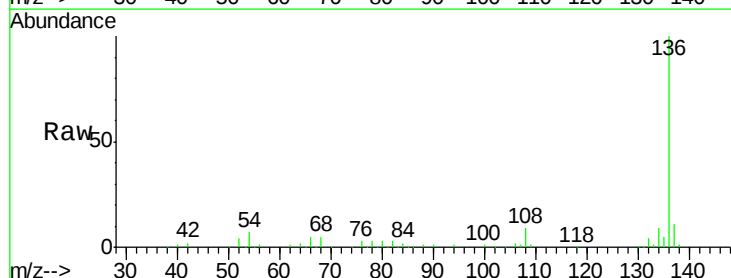
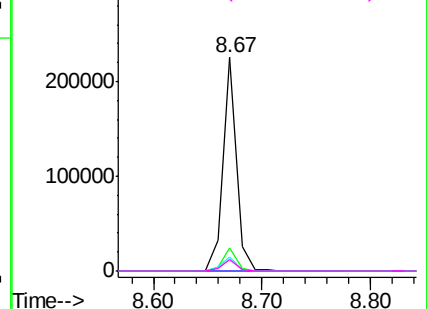
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.7	4.6	6.8
68	5.3	3.7	5.5

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

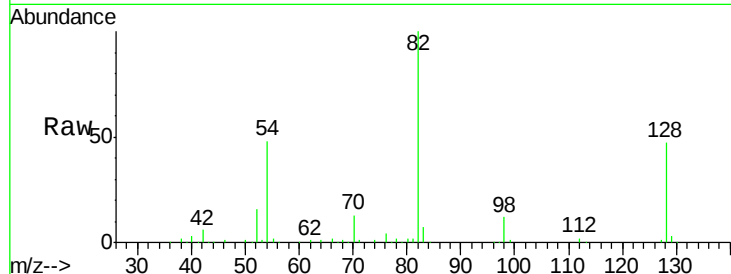




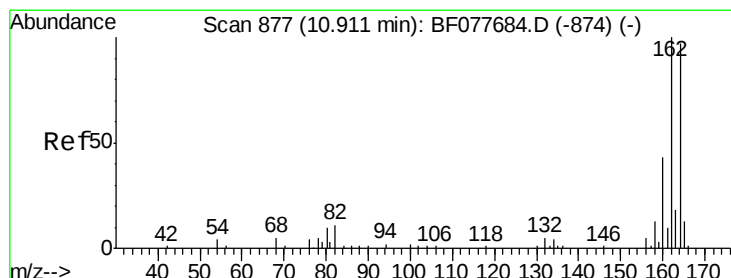
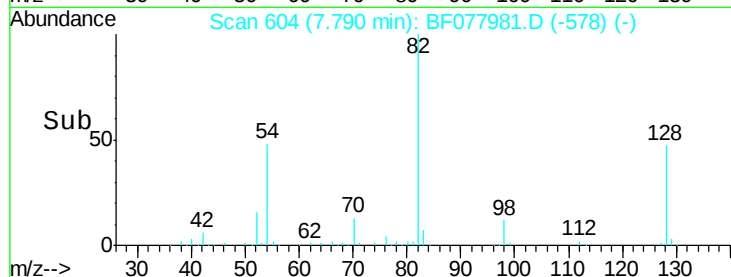
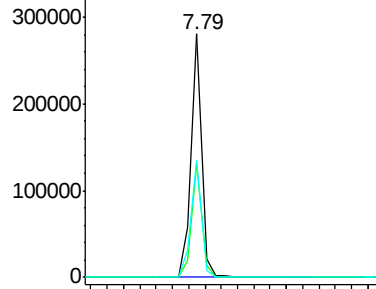
#23
 Nitrobenzene-d5
 Concen: 83.51 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-3-23-15

Tot Ion: 82 Resp: 251879
 Ion Ratio Lower Upper
 82 100
 128 46.5 32.8 49.2
 54 48.1 40.6 60.8

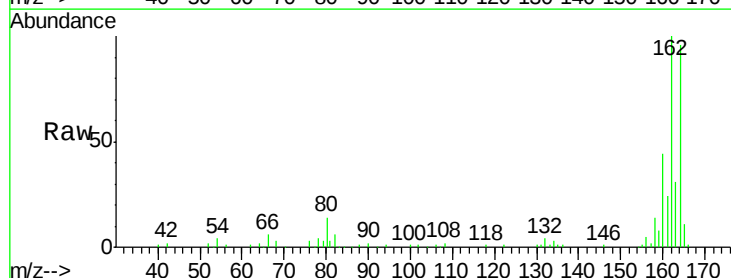


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

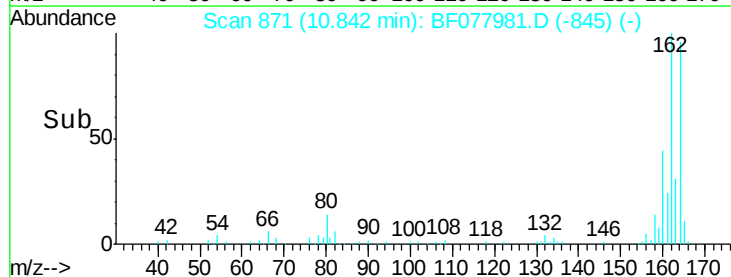
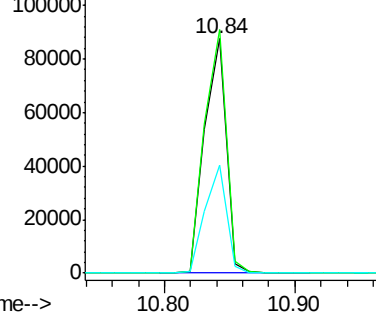


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Tgt Ion: 164 Resp: 100436
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.4 123.6
 160 45.9 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

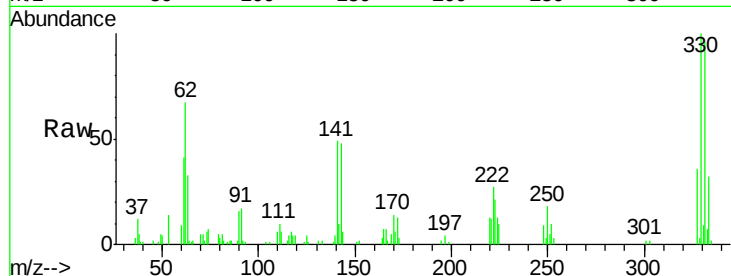




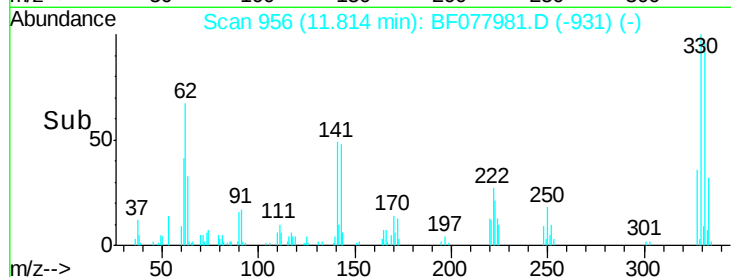
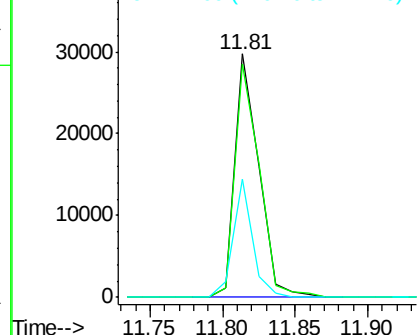
#41
 2,4,6-Tribromophenol
 Concen: 35.33 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-3-23-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	0.0	0.0#
141	39.2	0.0	0.0#

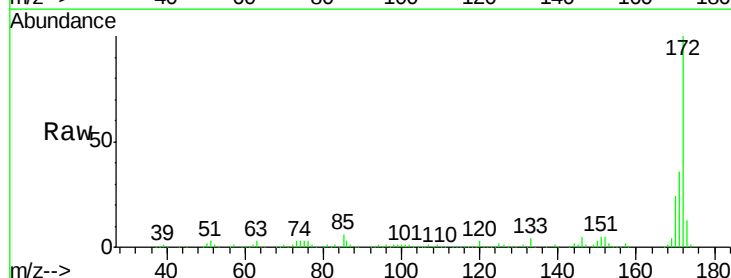


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

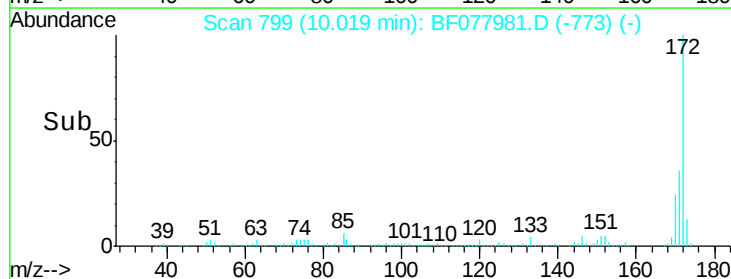
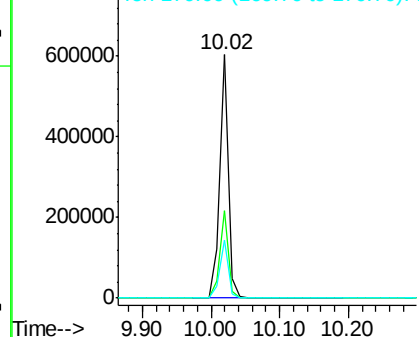


#44
 2-Fluorobiphenyl
 Concen: 79.02 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.9	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

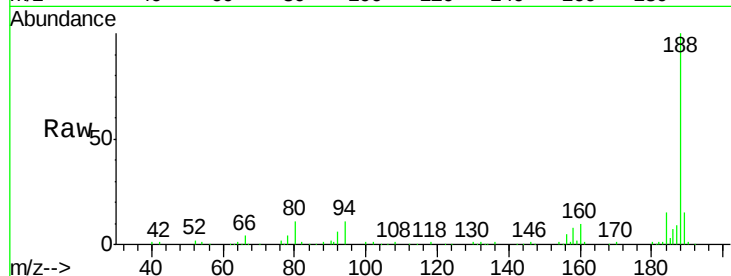




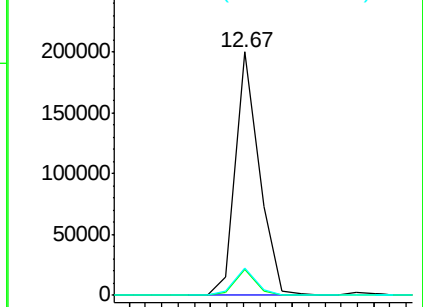
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-11-3-23-15

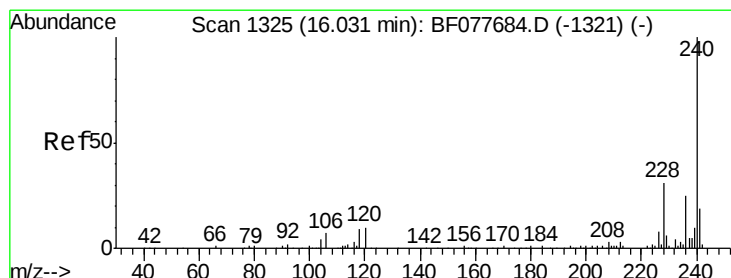
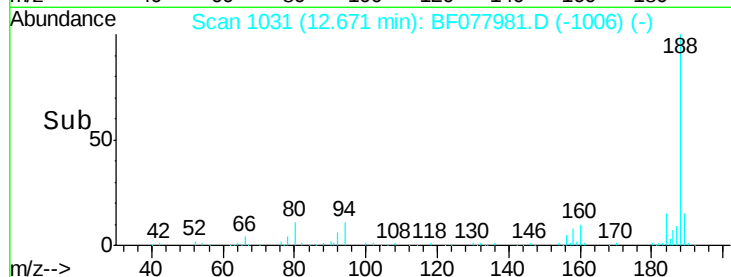
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.7	13.1
80	11.4	9.3	13.9



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

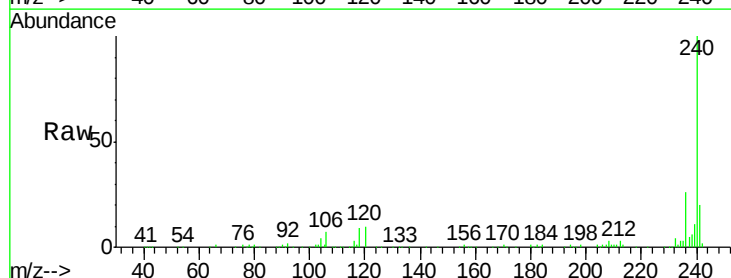


Time--> 12.60 12.65 12.70 12.75

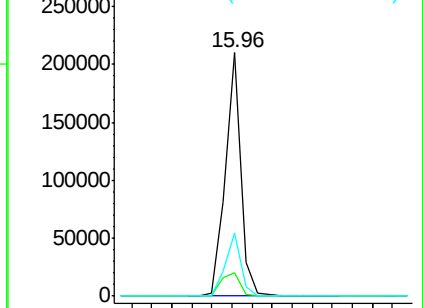


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF077981.D
 Acq: 26 Mar 2015 6:54

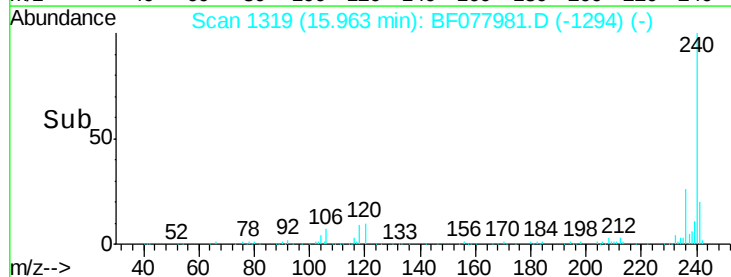
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	25.8	20.0	30.0



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



Time--> 15.90 16.00 16.10





#78

Terphenyl-d14

Concen: 71.03 ng

RT: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077981.D

Acq: 26 Mar 2015 6:54

Instrument :

BNA_F

ClientSampleId :

MW-11-3-23-15

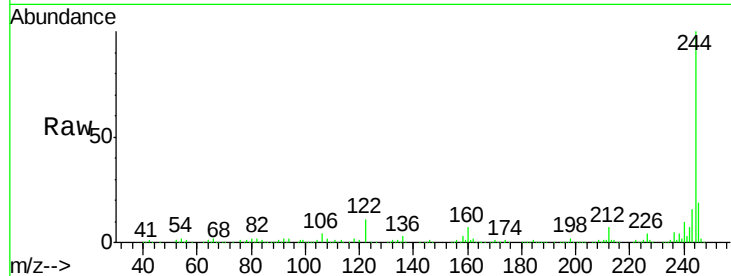
Tot Ion:244 Resp: 657987

Ion Ratio Lower Upper

244 100

212 6.8 4.9 7.3

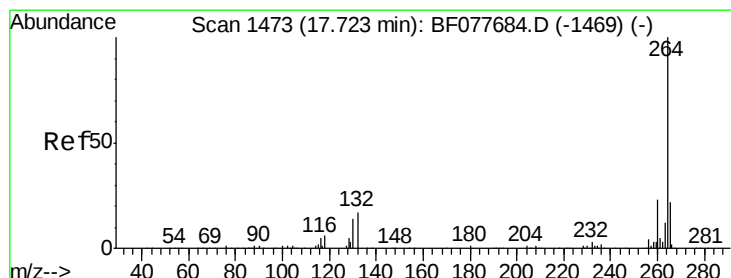
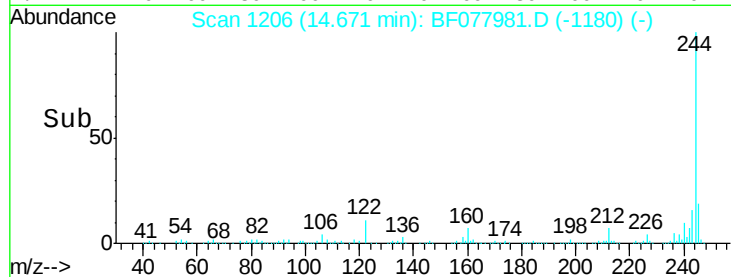
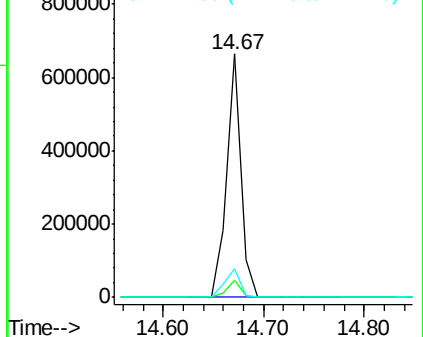
122 11.5 6.2 9.4#



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: 17.73 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF077981.D

Acq: 26 Mar 2015 6:54

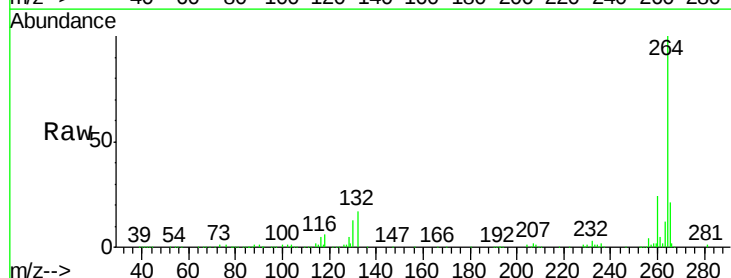
Tgt Ion:264 Resp: 215015

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 20.6 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

