

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077976.D
 Acq On : 26 Mar 2015 4:32
 Operator : TP/IZ
 Sample : G1643-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-3-23-15

Quant Time: Mar 26 04:25:35 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

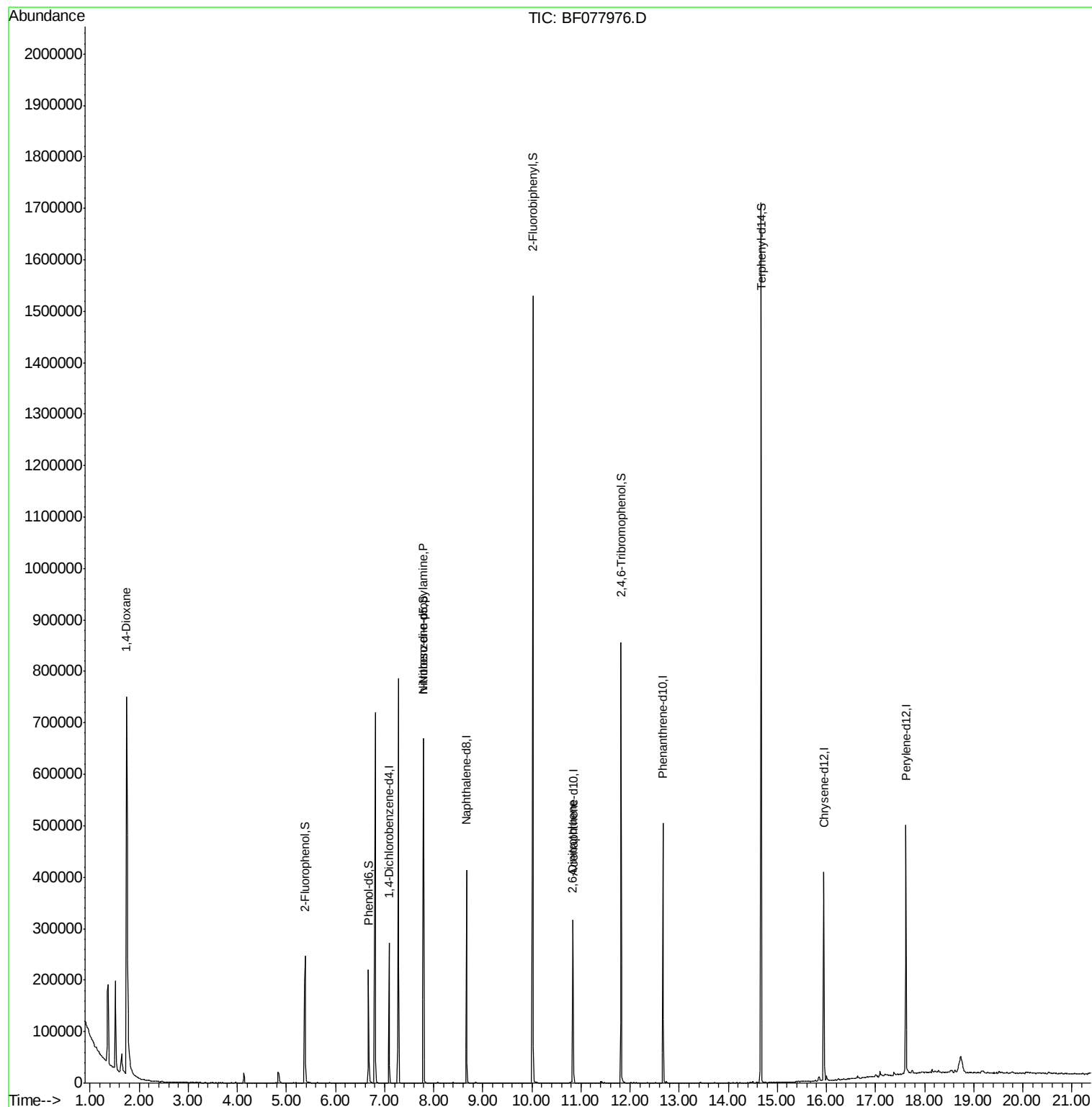
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	43690	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	186775	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	94292	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	199201	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	215476	20.00	ng	-0.02
86) Perylene-d12	17.62	264	208664	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	107426	42.92	ng	0.00
7) Phenol-d6	6.67	99	83187	26.90	ng	0.00
23) Nitrobenzene-d5	7.79	82	214644	75.33	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	102061	113.13	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	501771	78.20	ng	0.00
78) Terphenyl-d14	14.67	244	659312	74.74	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.74	88	29310	25.79	ng	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	26816	12.53	ng	# 79
50) 2,6-Dinitrotoluene	10.83	165	12031	8.30	ng	# 24

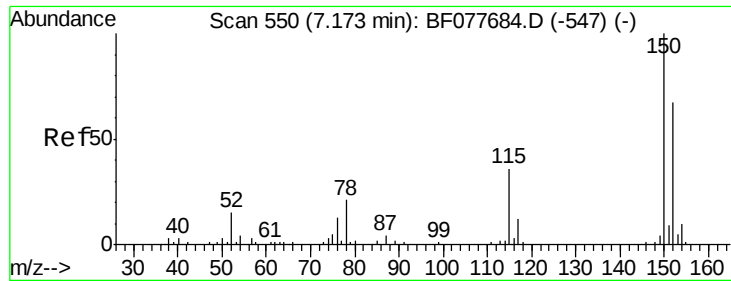
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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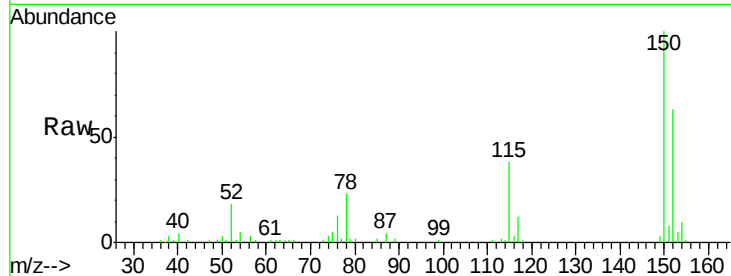




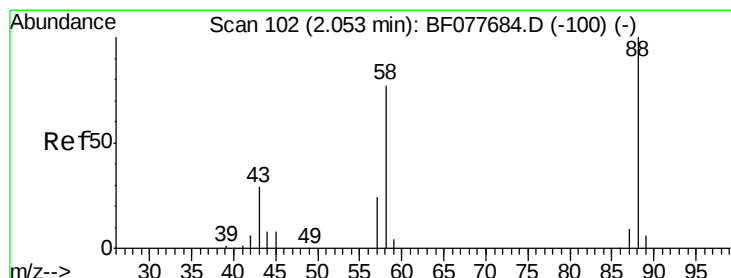
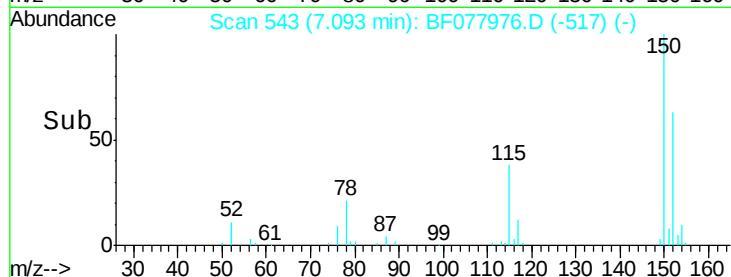
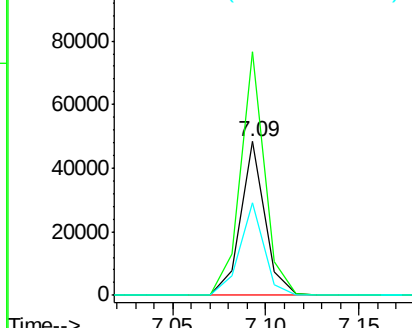
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-3-23-15

Tgt Ion:152 Resp: 43690
 Ion Ratio Lower Upper
 152 100
 150 158.7 119.5 179.3
 115 60.5 43.0 64.4

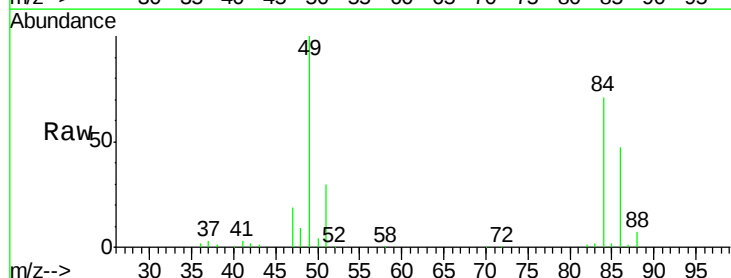


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

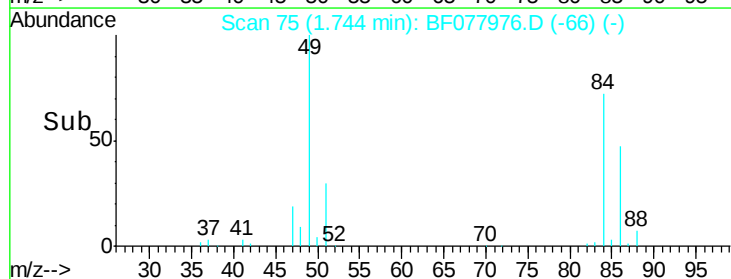
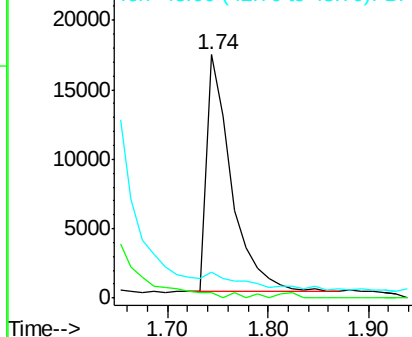


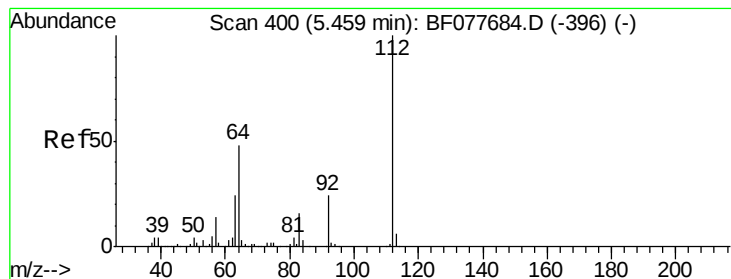
#2
 1,4-Dioxane
 Concen: 25.79 ng
 RT: 1.74 min Scan# 75
 Delta R.T. -0.19 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

Tgt Ion: 88 Resp: 29310
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 42.92 ng

RT: 5.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF077976.D

Acq: 26 Mar 2015 4:32

Instrument :

BNA_F

ClientSampleId :

MW-1-3-23-15

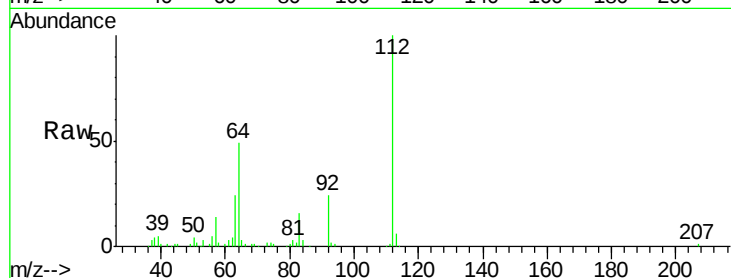
Tgt Ion: 112 Resp: 107426

Ion Ratio Lower Upper

112 100

64 49.4 38.6 57.8

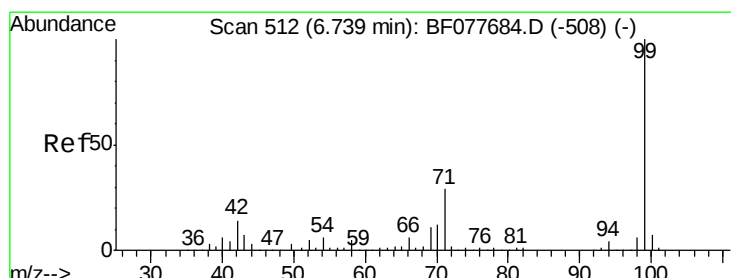
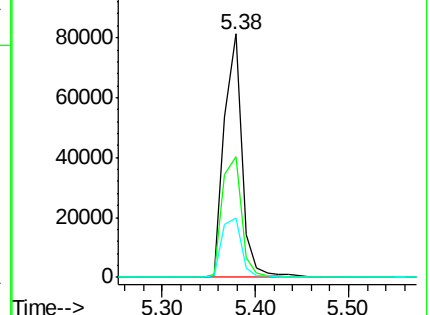
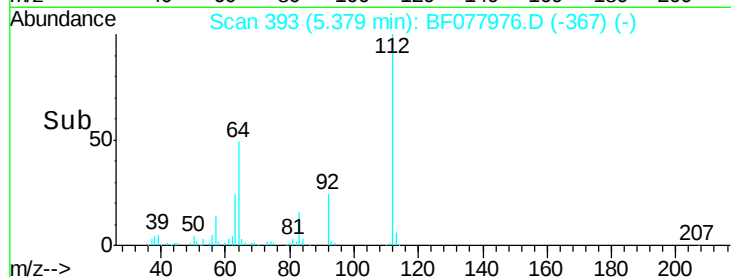
63 24.3 19.3 28.9



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: 26.90 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF077976.D

Acq: 26 Mar 2015 4:32

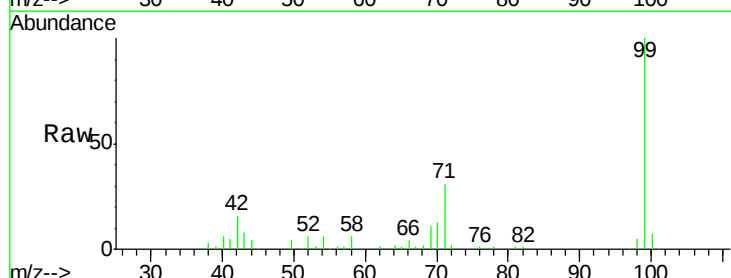
Tgt Ion: 99 Resp: 83187

Ion Ratio Lower Upper

99 100

42 15.6 11.0 16.4

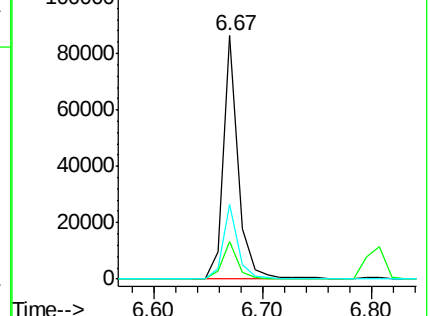
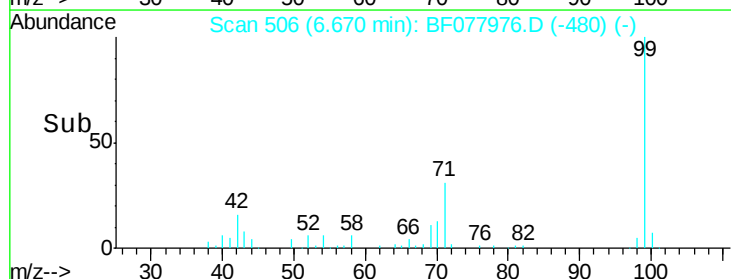
71 30.6 23.4 35.2

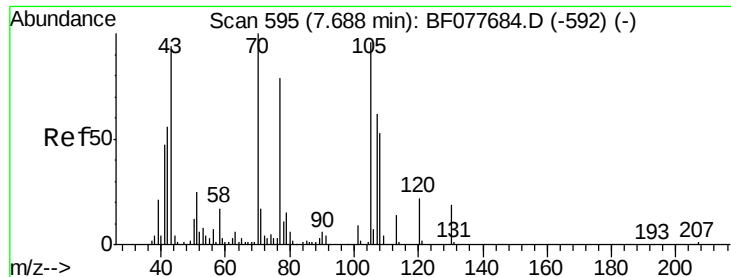


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

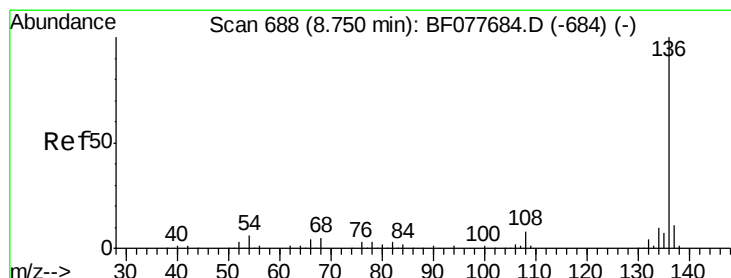
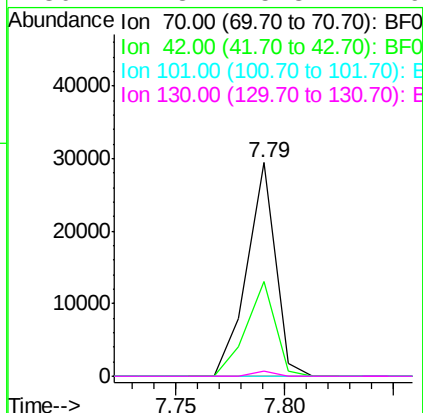
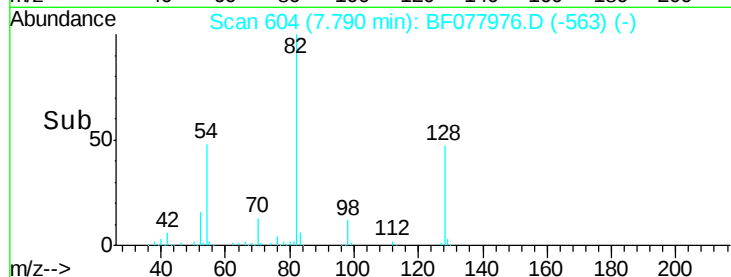
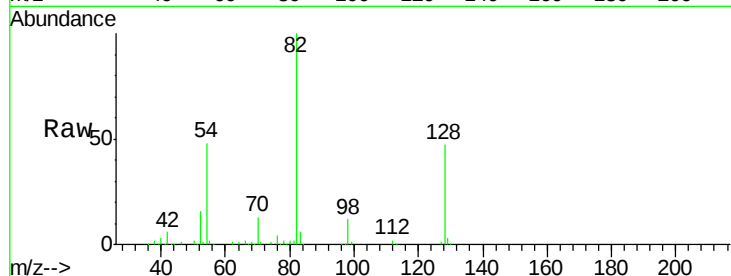




#19
n-Nitroso-di-n-propylamine
Concen: 12.53 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.17 min
Lab File: BF077976.D
Acq: 26 Mar 2015 4:32

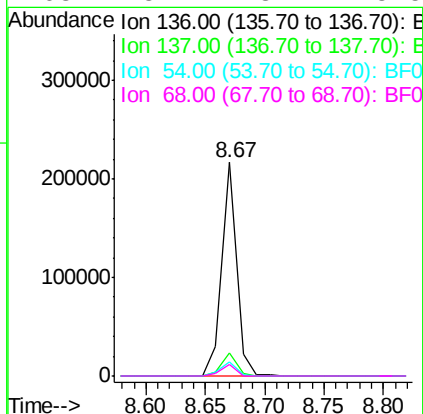
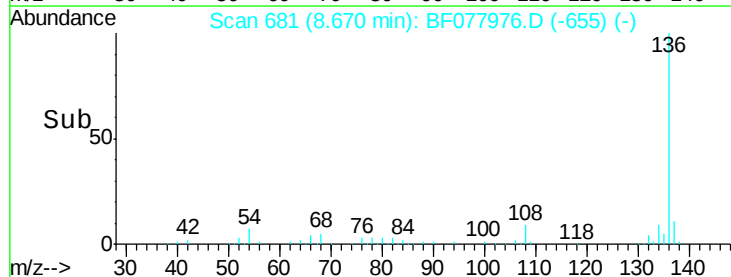
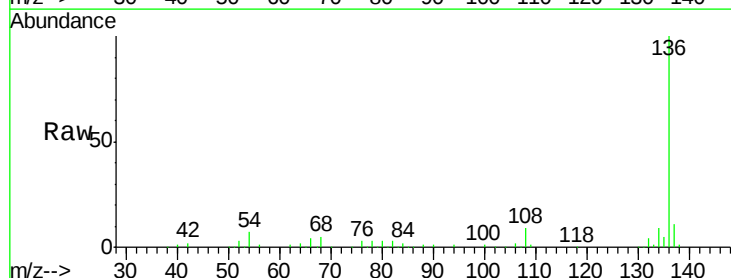
Instrument :
BNA_F
ClientSampleId :
MW-1-3-23-15

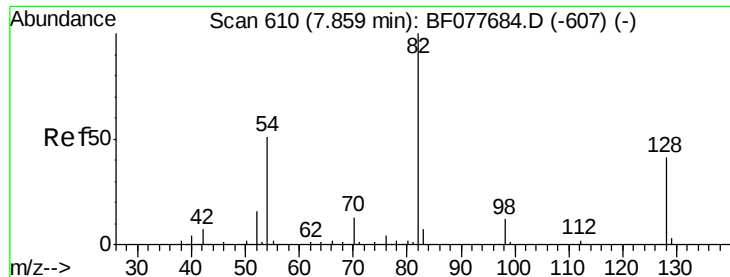
Tgt Ion: 70 Resp: 26816
Ion Ratio Lower Upper
70 100
42 44.5 44.5 66.7
101 0.0 7.4 11.2#
130 2.3 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF077976.D
Acq: 26 Mar 2015 4:32

Tgt Ion: 136 Resp: 186775
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.6 4.6 6.8
68 5.4 3.7 5.5

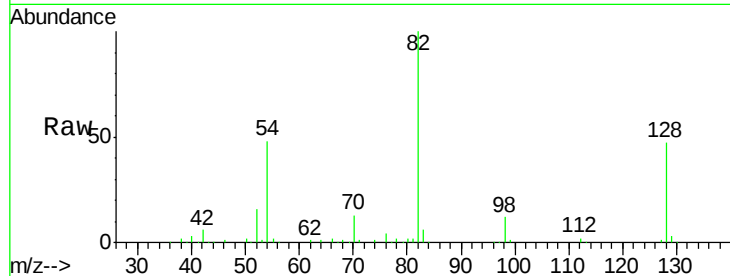




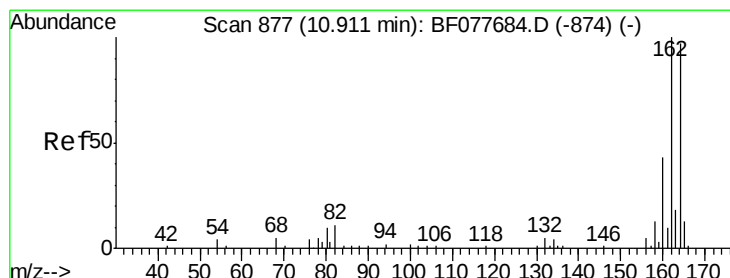
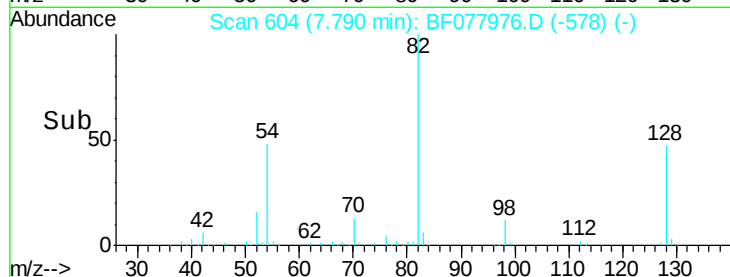
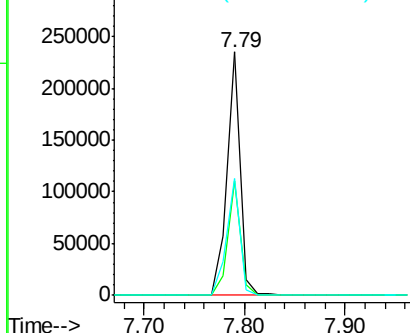
#23
 Nitrobenzene-d5
 Concen: 75.33 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-3-23-15

Tgt Ion: 82 Resp: 214644
 Ion Ratio Lower Upper
 82 100
 128 47.1 32.8 49.2
 54 47.9 40.6 60.8

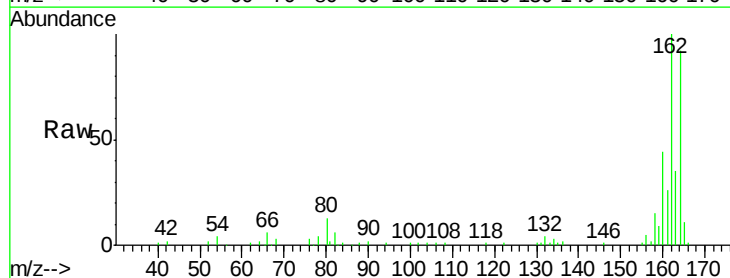


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

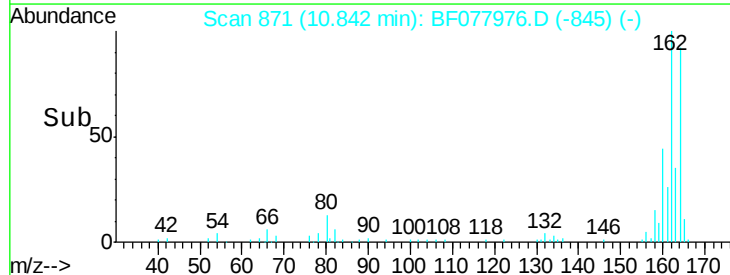
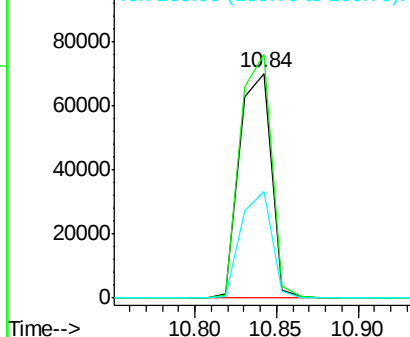


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

Tgt Ion: 164 Resp: 94292
 Ion Ratio Lower Upper
 164 100
 162 108.3 82.4 123.6
 160 47.6 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

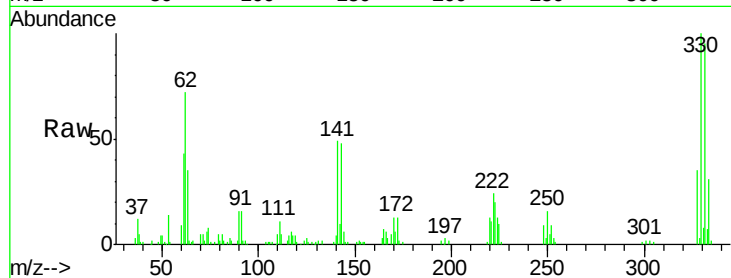




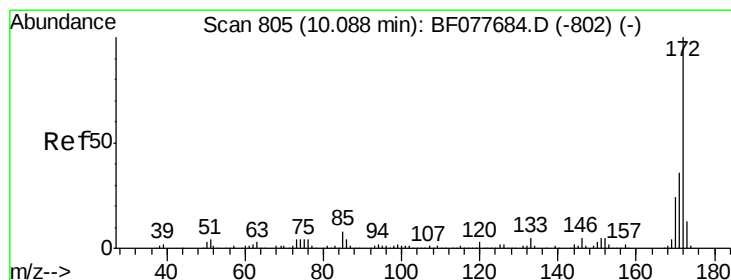
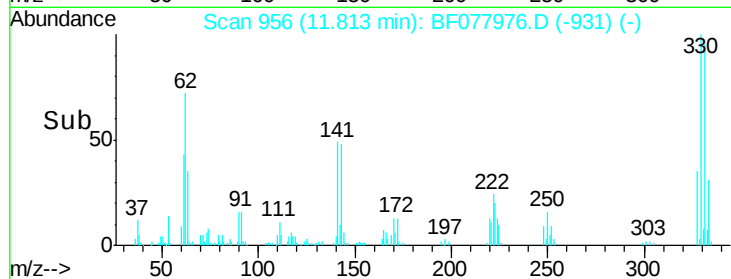
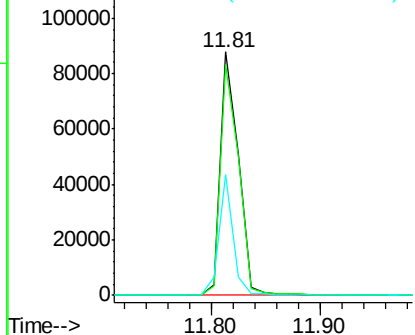
#41
 2,4,6-Tribromophenol
 Concen: 113.13 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-3-23-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	38.7	0.0	0.0#

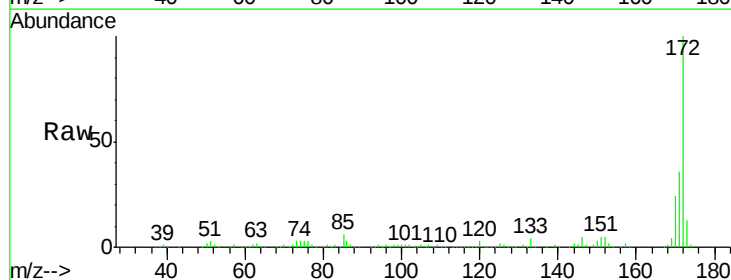


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

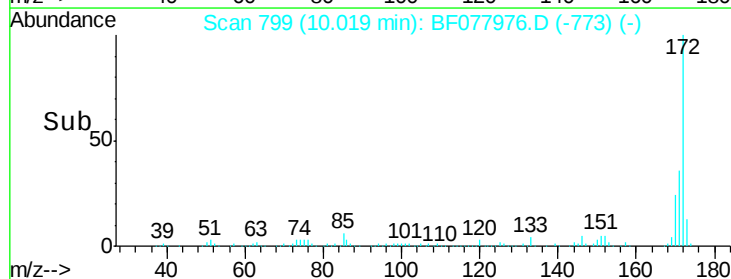
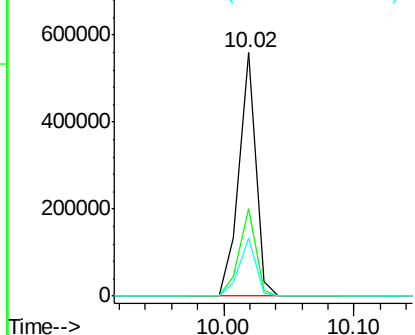


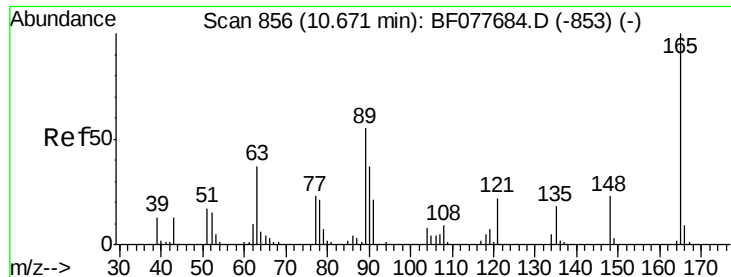
#44
 2-Fluorobiphenyl
 Concen: 78.20 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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

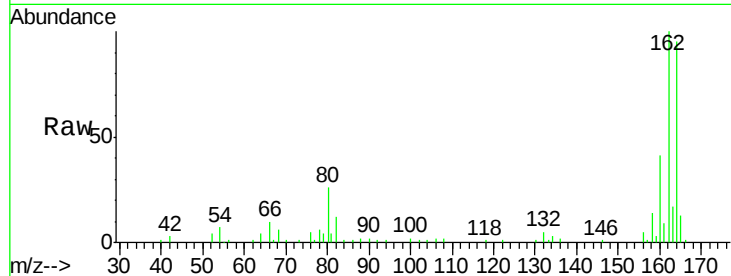




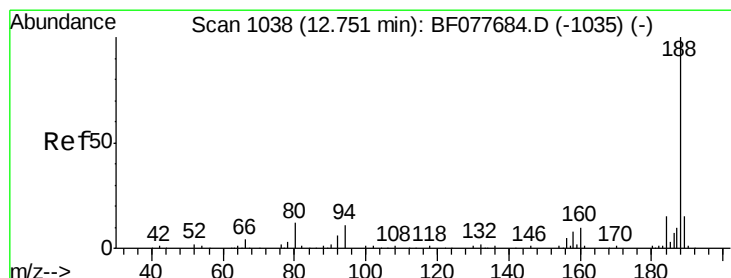
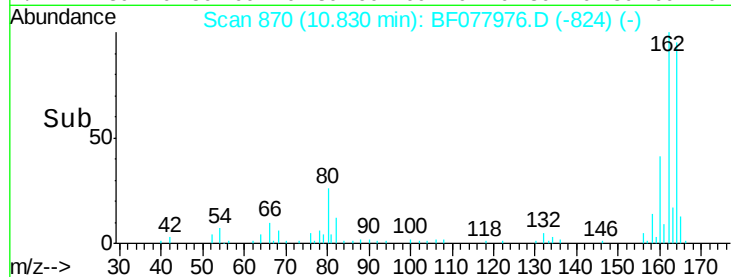
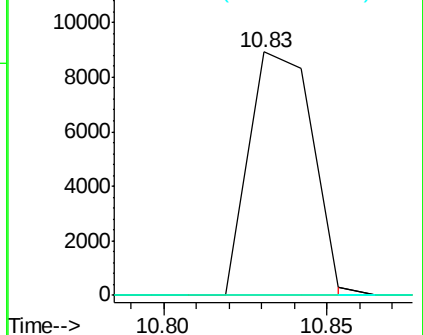
#50
 2,6-Dinitrotoluene
 Concen: 8.30 ng
 RT: 10.83 min Scan# 870
 Delta R.T. 0.23 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-3-23-15

Tgt Ion:165 Resp: 12031
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

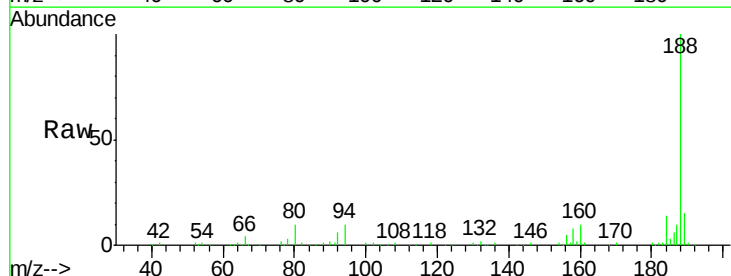


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

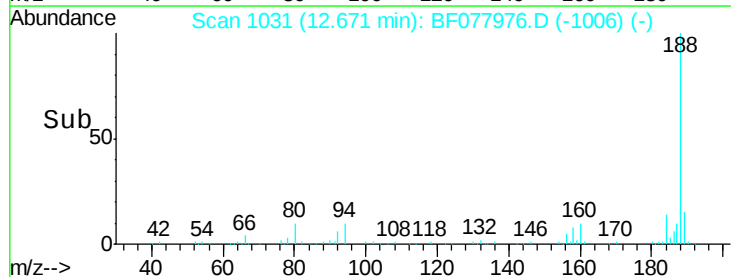
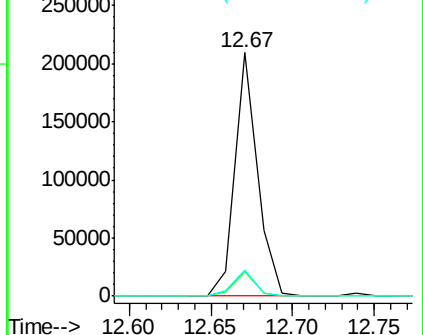


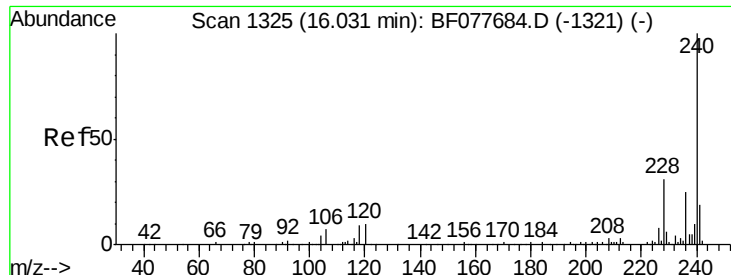
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

Tgt Ion:188 Resp: 199201
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.7 13.1
 80 10.5 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

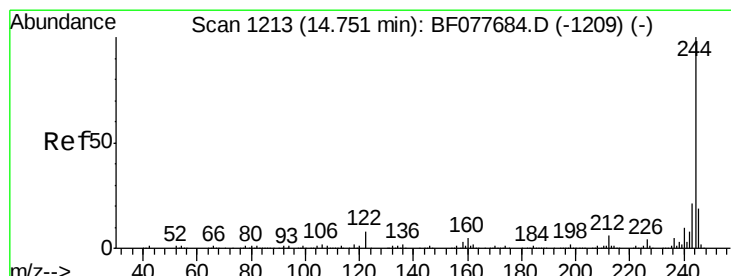
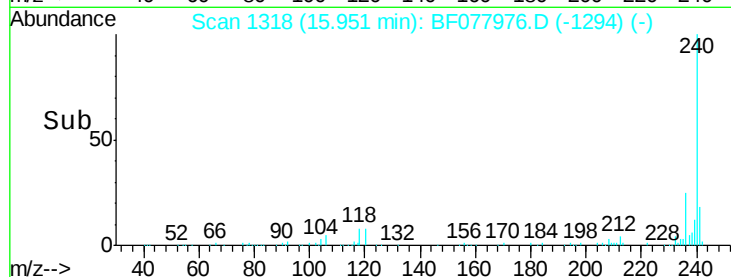
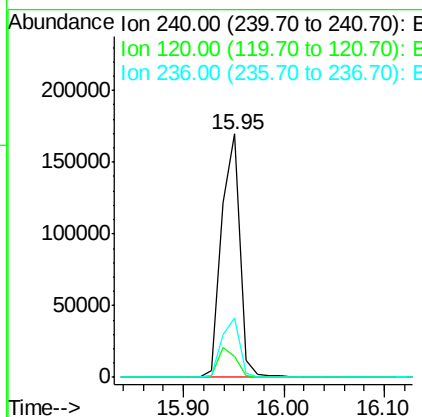
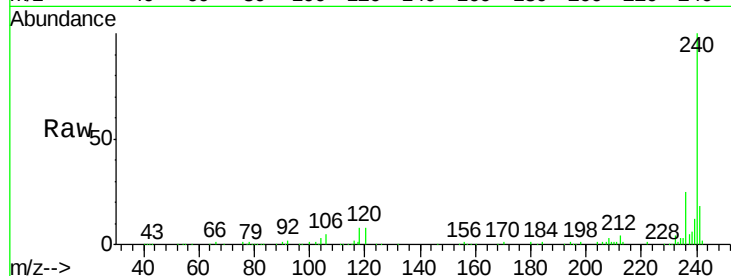




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

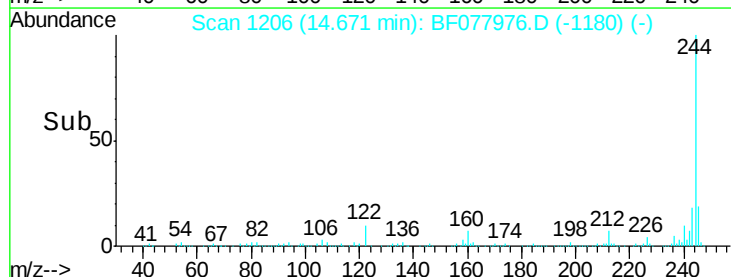
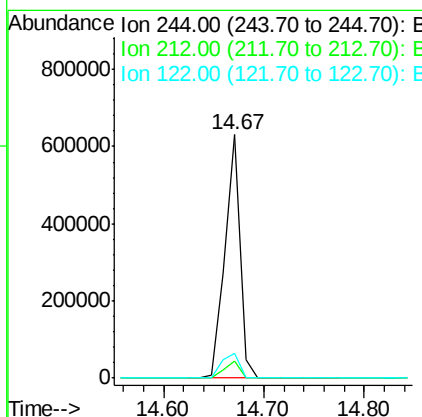
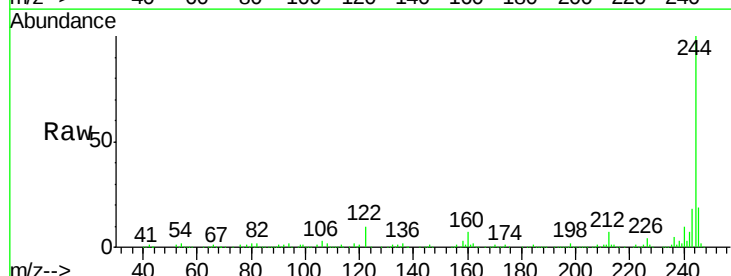
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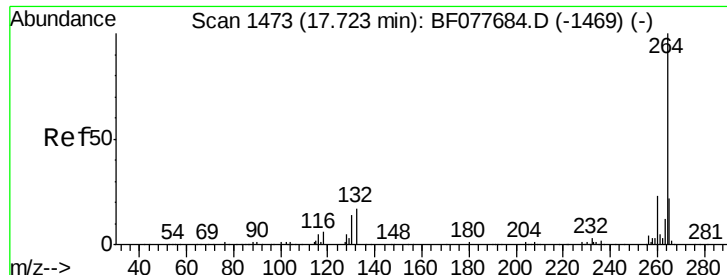
Tgt Ion: 240 Resp: 215476
 Ion Ratio Lower Upper
 240 100
 120 8.5 8.2 12.2
 236 24.5 20.0 30.0



#78
 Terphenyl-d14
 Concen: 74.74 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF077976.D
 Acq: 26 Mar 2015 4:32

Tgt Ion: 244 Resp: 659312
 Ion Ratio Lower Upper
 244 100
 212 6.8 4.9 7.3
 122 10.4 6.2 9.4#

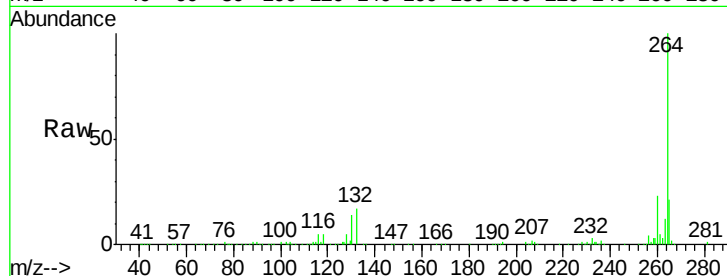




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.62 min Scan# 1464
Delta R.T. -0.13 min
Lab File: BF077976.D
Acq: 26 Mar 2015 4:32

Instrument :
BNA_F
ClientSampleId :
MW-1-3-23-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.3	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

