

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078024.D
 Acq On : 27 Mar 2015 6:28
 Operator : TP/IZ
 Sample : G1642-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Quant Time: Mar 27 14:09:16 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

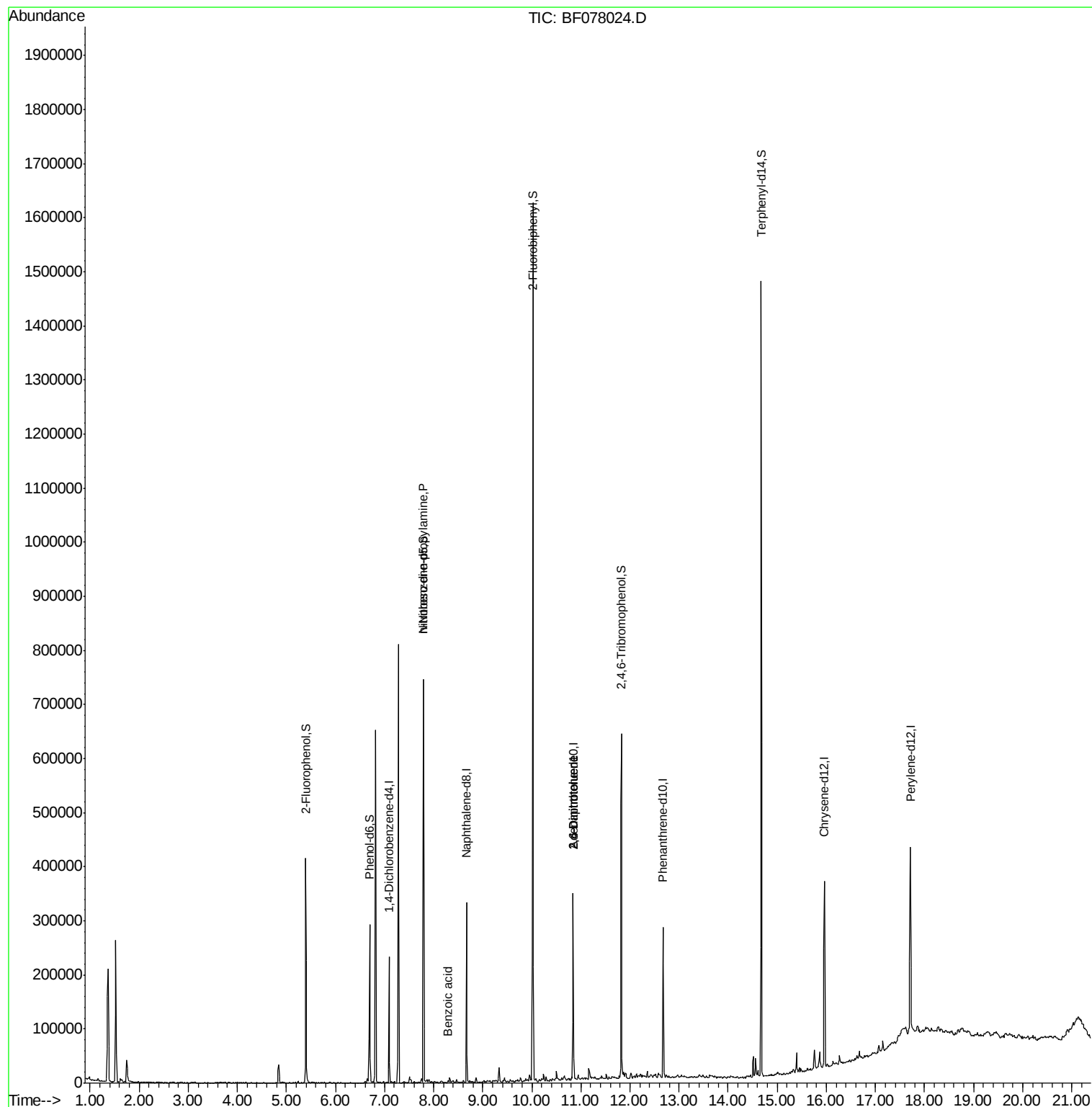
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	35470	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	146283	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	73005	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	139341	20.00	ng	-0.08
75) Chrysene-d12	15.96	240	157849	20.00	ng	-0.17
86) Perylene-d12	17.71	264	148344	20.00	ng	-0.39
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	149884	73.76	ng	-0.05
7) Phenol-d6	6.69	99	117313	46.73	ng	-0.03
23) Nitrobenzene-d5	7.79	82	229001	102.62	ng	-0.07
41) 2,4,6-Tribromophenol	11.83	330	101071	144.70	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	501301	100.91	ng	-0.07
78) Terphenyl-d14	14.67	244	570158	88.23	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	29270	16.85	ng	# 80
32) Benzoic acid	8.29	122	676	3.62	ng	# 15
50) 2,6-Dinitrotoluene	10.84	165	9625	8.58	ng	# 24
56) 2,4-Dinitrotoluene	10.84	165	9625	6.58	ng	# 11

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

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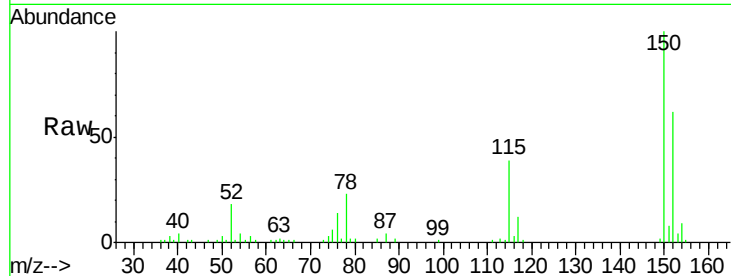




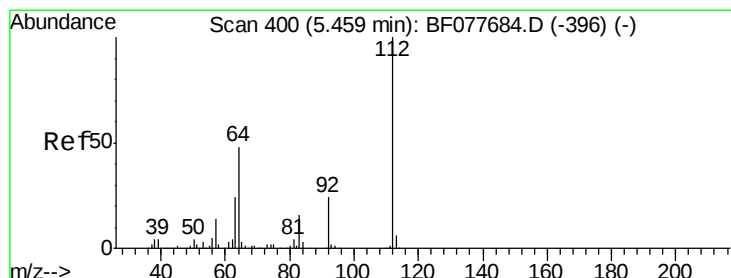
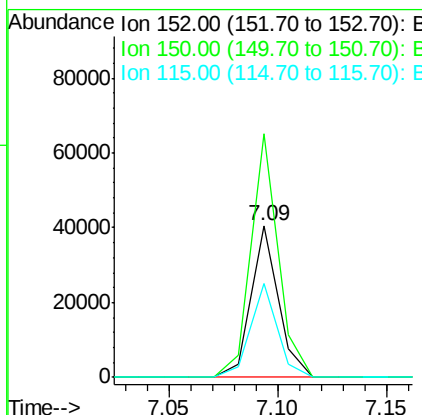
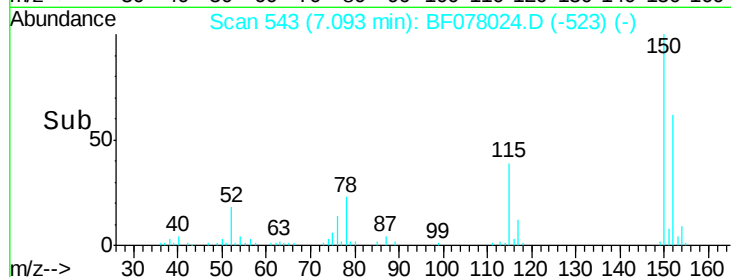
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.07 min
 Lab File: BF078024.D
 Acq: 27 Mar 2015 6:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tgt Ion:152 Resp: 35470
 Ion Ratio Lower Upper
 152 100
 150 160.5 119.5 179.3
 115 62.2 43.0 64.4

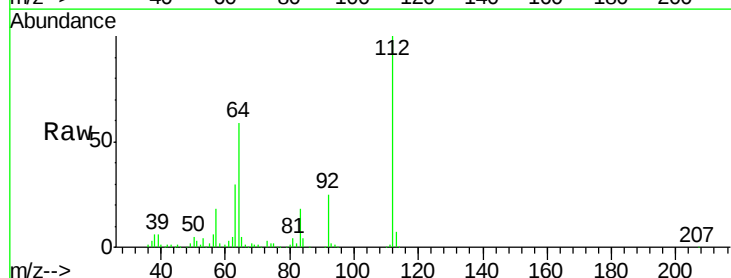


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

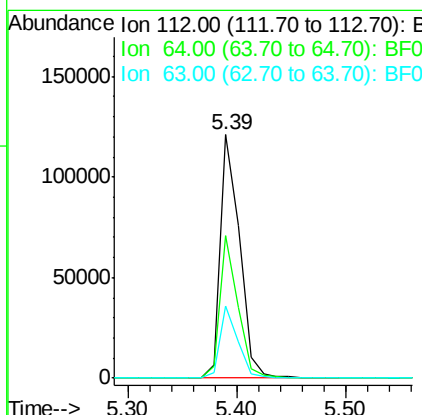
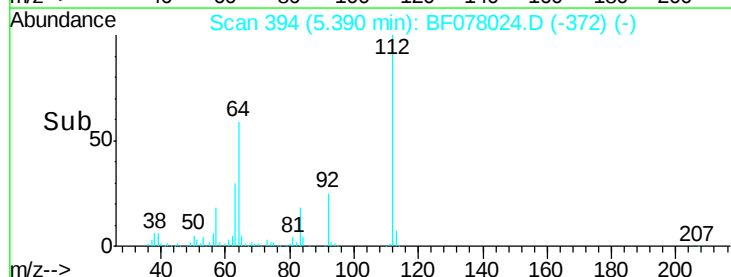


#5
 2-Fluorophenol
 Concen: 73.76 ng
 RT: 5.39 min Scan# 394
 Delta R.T. -0.05 min
 Lab File: BF078024.D
 Acq: 27 Mar 2015 6:28

Tgt Ion:112 Resp: 149884
 Ion Ratio Lower Upper
 112 100
 64 58.7 38.6 57.8#
 63 29.8 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: 46.73 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF078024.D

Acq: 27 Mar 2015 6:28

Instrument :

BNA_F

ClientSampleId :

MW-21

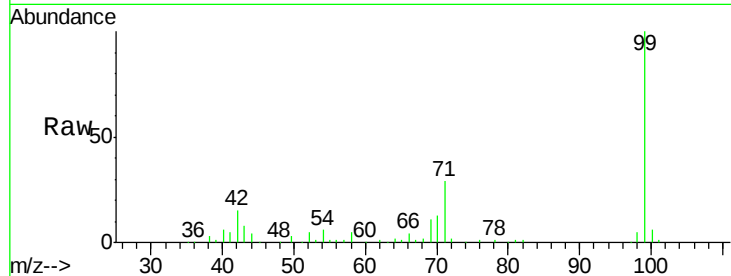
Tgt Ion: 99 Resp: 117313

Ion Ratio Lower Upper

99 100

42 14.9 11.0 16.4

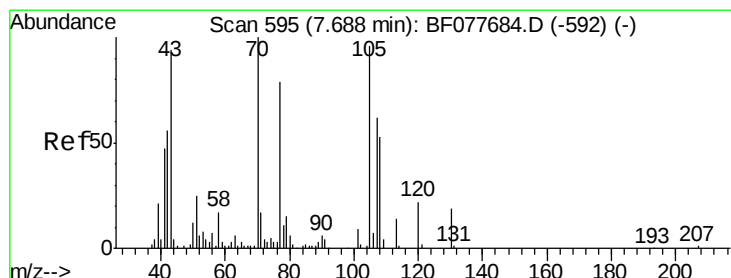
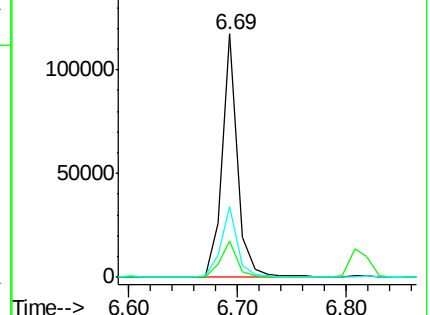
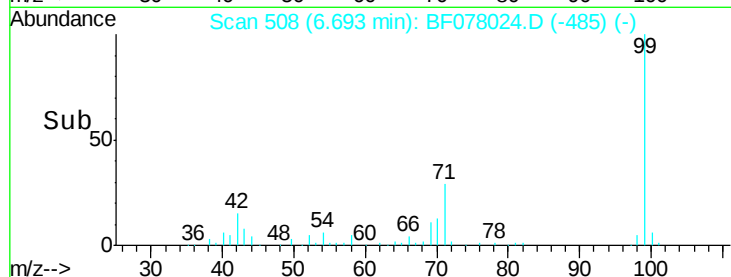
71 29.3 23.4 35.2



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: 16.85 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.10 min

Lab File: BF078024.D

Acq: 27 Mar 2015 6:28

Tgt Ion: 70 Resp: 29270

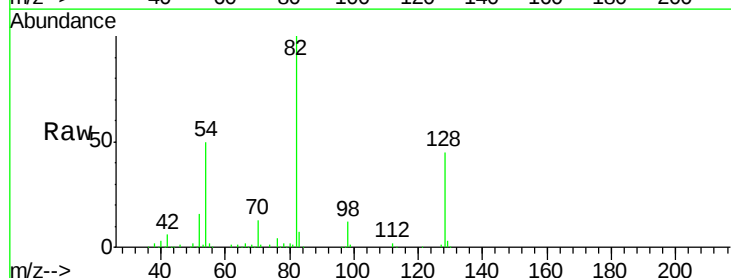
Ion Ratio Lower Upper

70 100

42 46.3 44.5 66.7

101 0.0 7.4 11.2#

130 1.9 15.3 22.9#

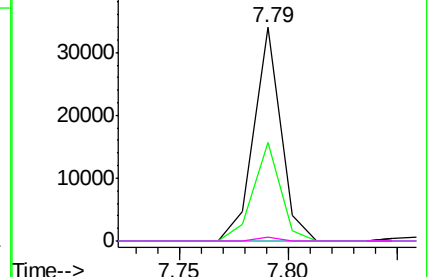
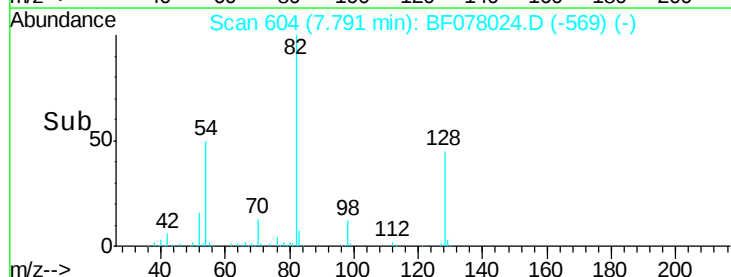


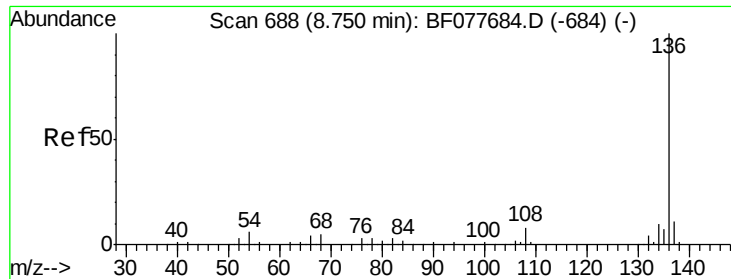
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

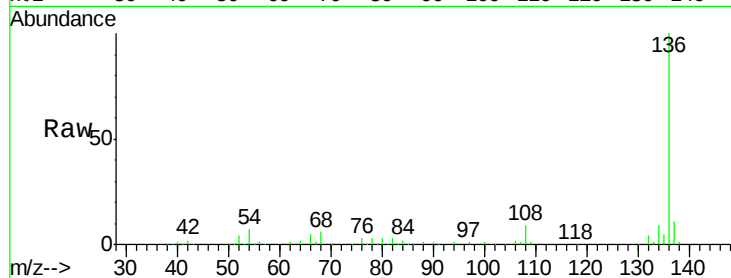




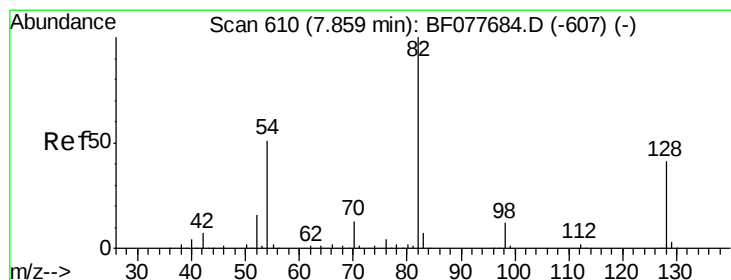
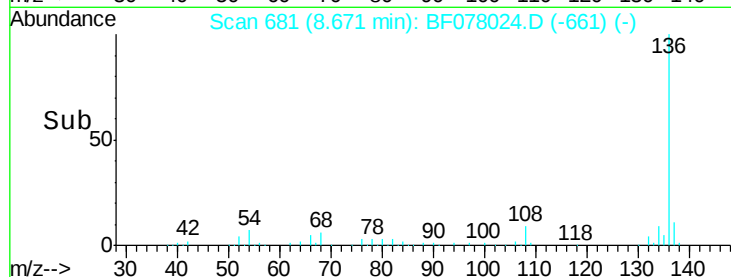
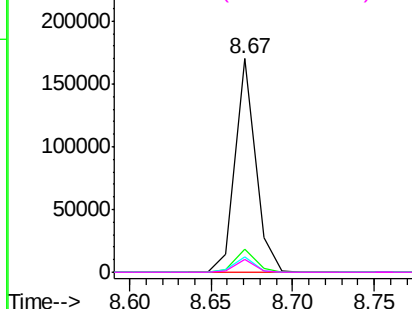
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF078024.D
Acq: 27 Mar 2015 6:28

Instrument :
BNA_F
ClientSampled :
MW-21

Tgt Ion: 136 Resp: 146283
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.1 4.6 6.8#
68 5.7 3.7 5.5#

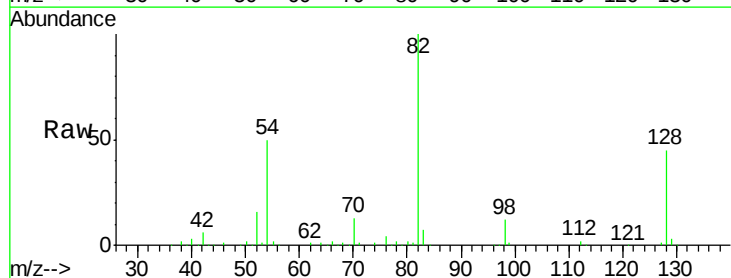


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

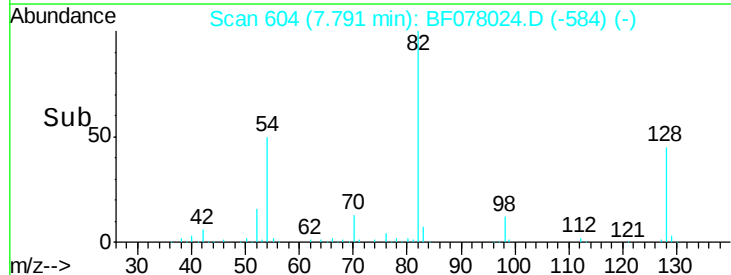
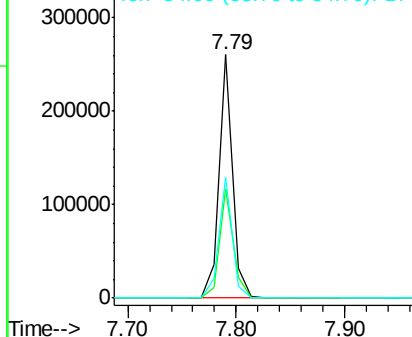


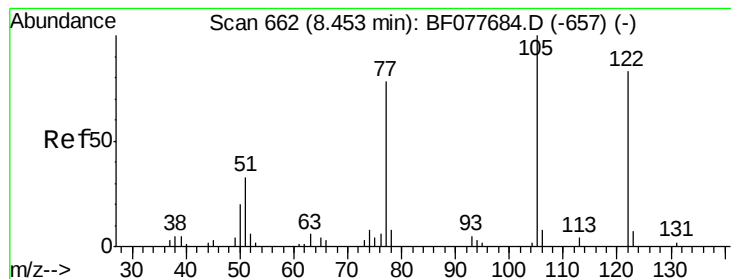
#23
Nitrobenzene-d5
Concen: 102.62 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.07 min
Lab File: BF078024.D
Acq: 27 Mar 2015 6:28

Tgt Ion: 82 Resp: 229001
Ion Ratio Lower Upper
82 100
128 44.6 32.8 49.2
54 49.6 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





#32

Benzoic acid

Concen: 3.62 ng

RT: 8.29 min Scan# 648

Delta R.T. -0.16 min

Lab File: BF078024.D

Acq: 27 Mar 2015 6:28

Instrument :

BNA_F

ClientSampleId :

MW-21

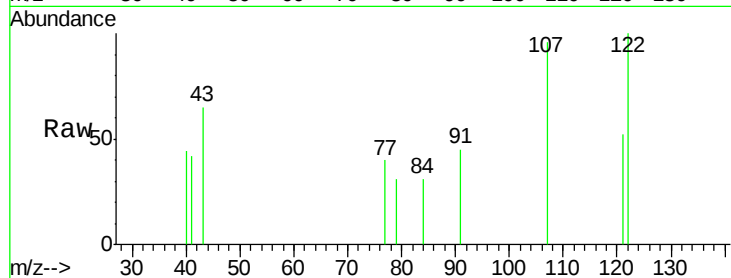
Tgt Ion:122 Resp: 676

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

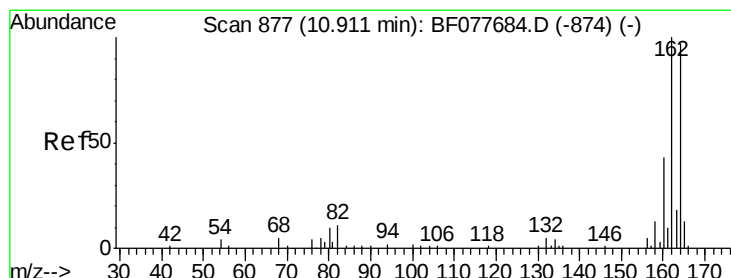
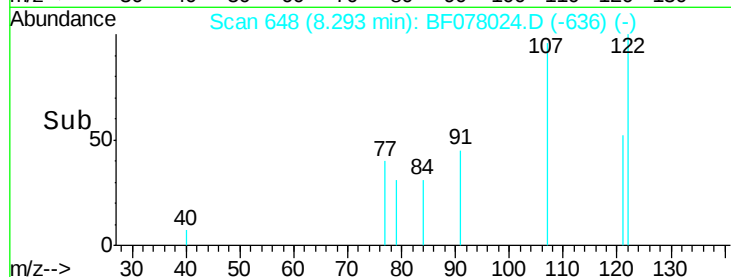
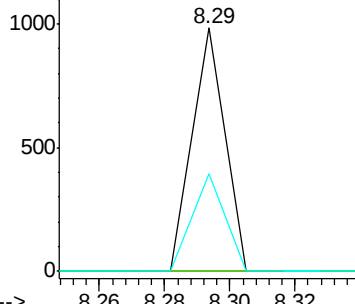
77 40.1 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.07 min

Lab File: BF078024.D

Acq: 27 Mar 2015 6:28

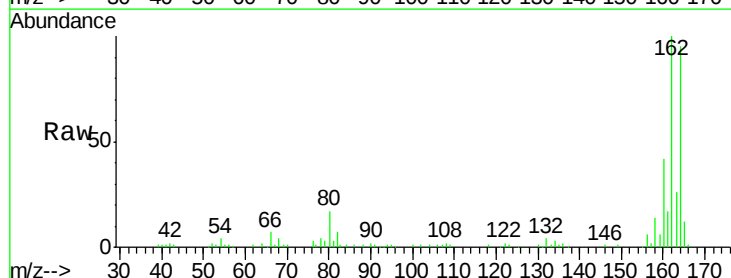
Tgt Ion:164 Resp: 73005

Ion Ratio Lower Upper

164 100

162 105.7 82.4 123.6

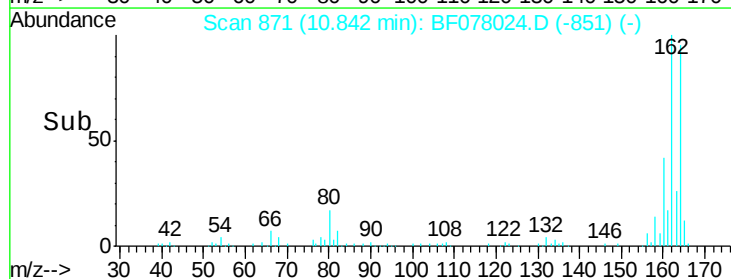
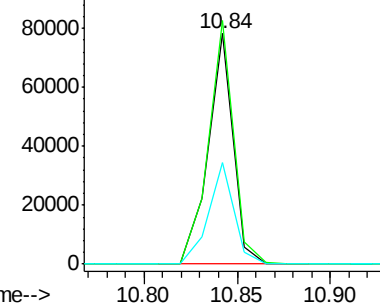
160 44.2 35.8 53.6

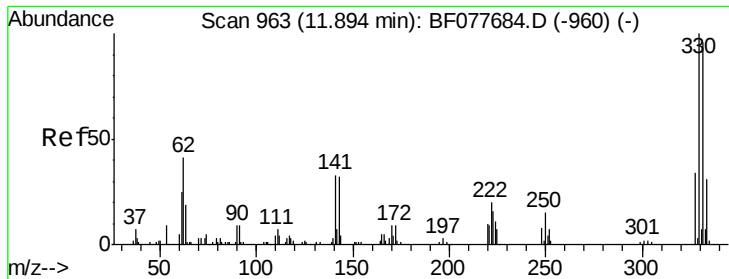


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

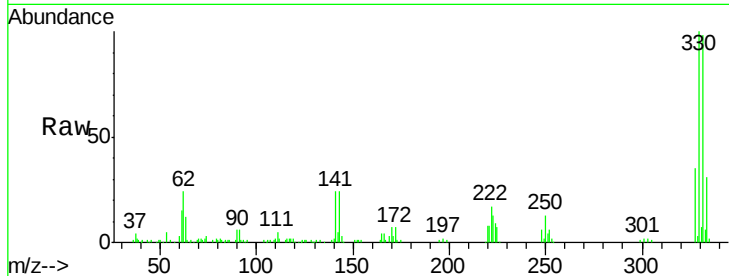




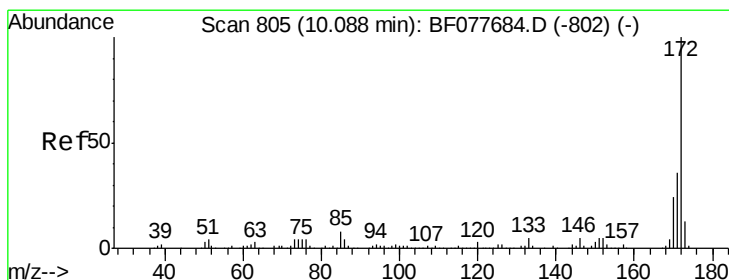
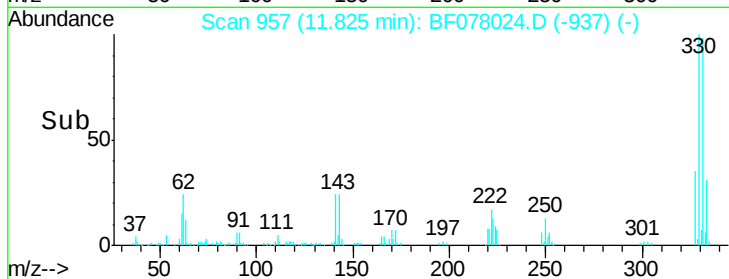
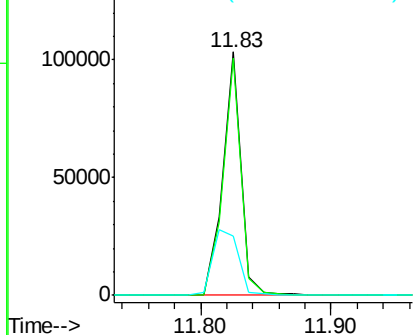
#41
 2,4,6-Tribromophenol
 Concen: 144.70 ng
 RT: 11.83 min Scan# 957
 Delta R.T. -0.07 min
 Lab File: BF078024.D
 Acq: 27 Mar 2015 6:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	38.2	0.0	0.0#

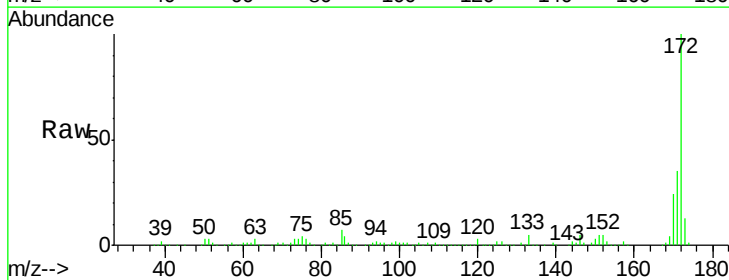


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

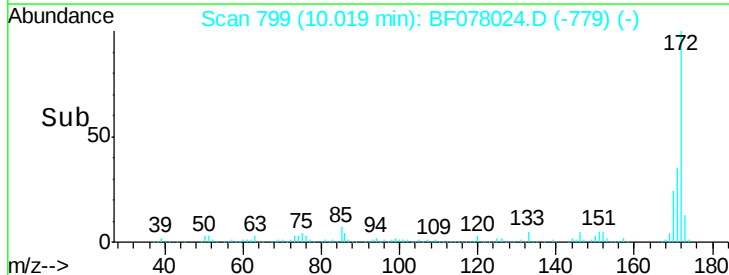
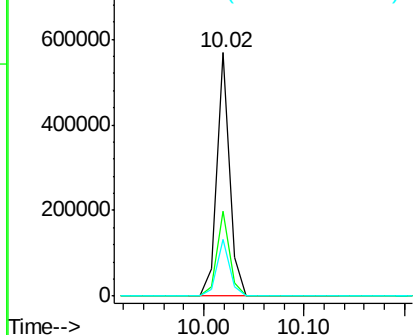


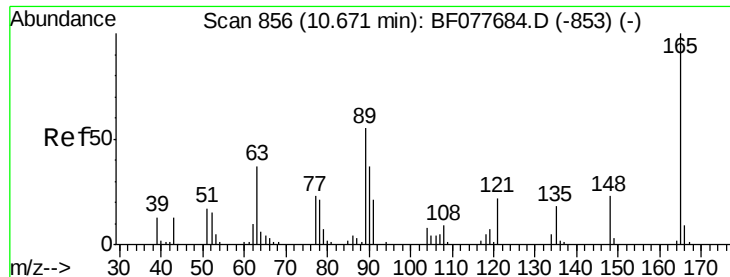
#44
 2-Fluorobiphenyl
 Concen: 100.91 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078024.D
 Acq: 27 Mar 2015 6:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.5	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

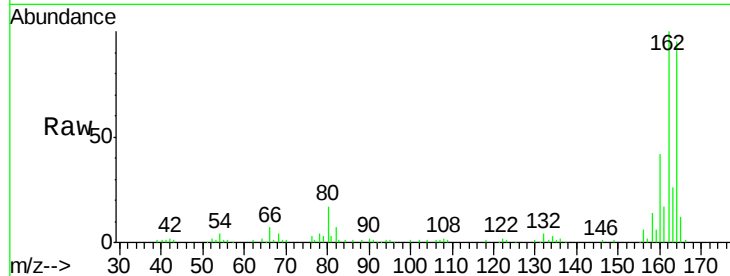




#50
 2,6-Dinitrotoluene
 Concen: 8.58 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.17 min
 Lab File: BF078024.D
 Acq: 27 Mar 2015 6:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

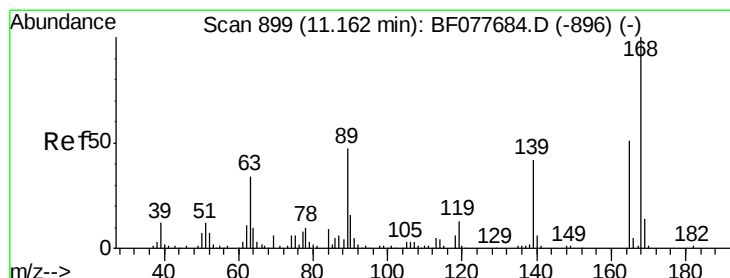
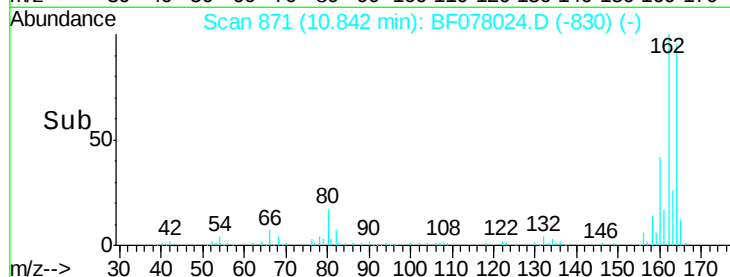
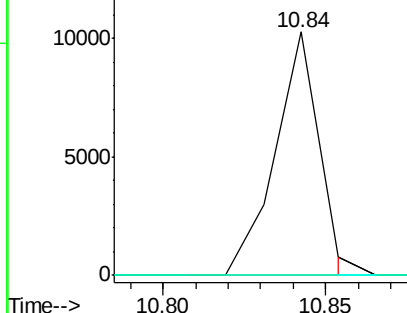
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.58 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.32 min
 Lab File: BF078024.D
 Acq: 27 Mar 2015 6:28

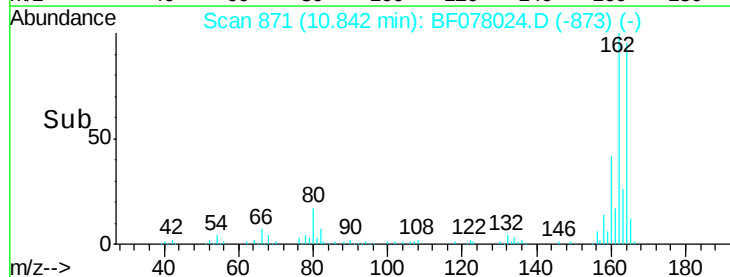
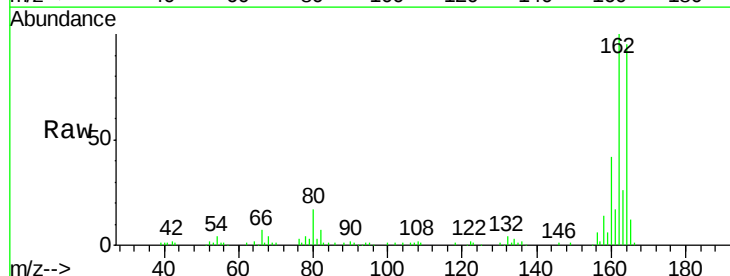
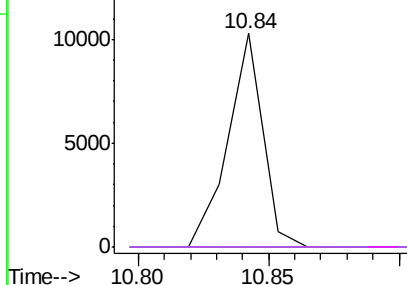
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

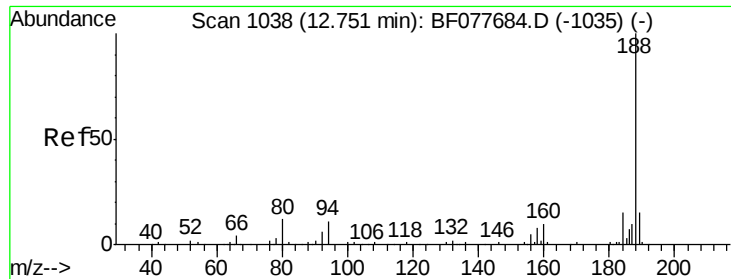
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

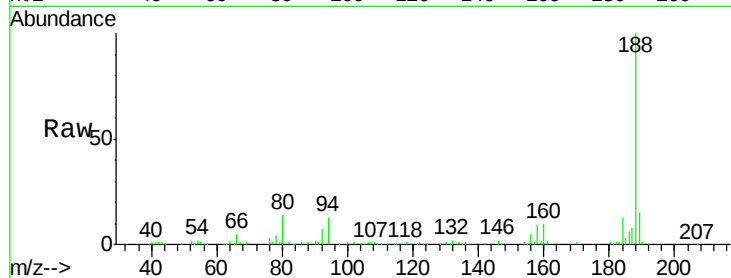




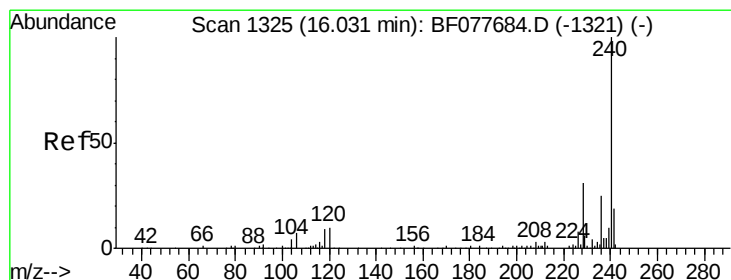
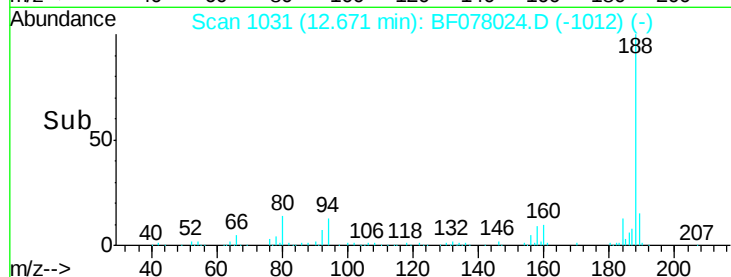
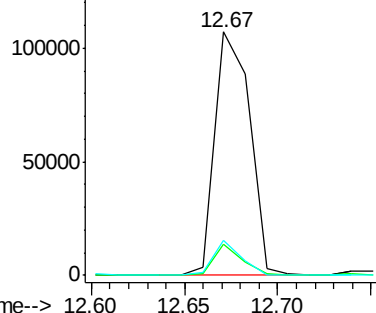
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF078024.D
Acq: 27 Mar 2015 6:28

Instrument :
BNA_F
ClientSampled :
MW-21

Tgt Ion:188 Resp: 139341
Ion Ratio Lower Upper
188 100
94 12.7 8.7 13.1
80 14.2 9.3 13.9#

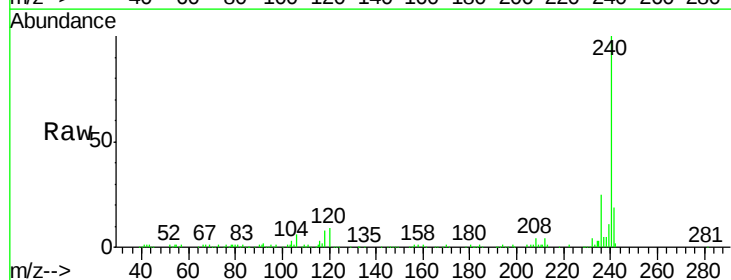


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

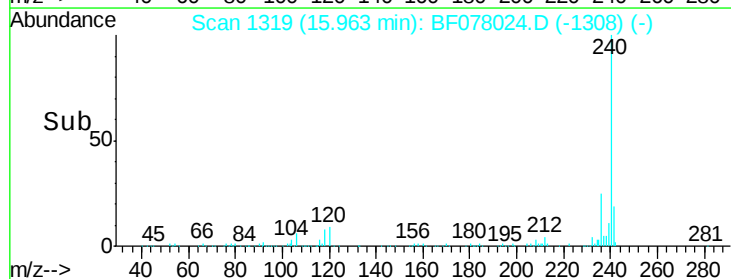
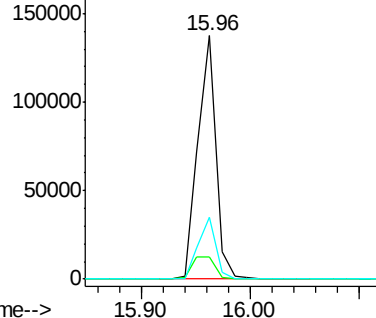


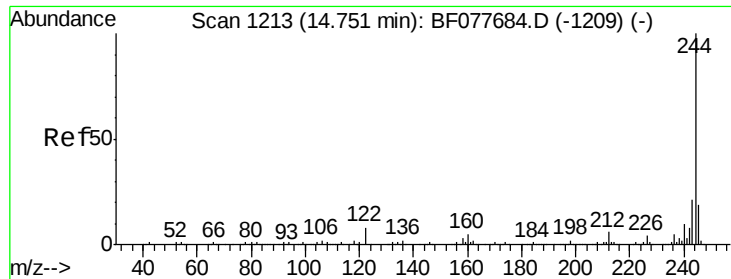
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.17 min
Lab File: BF078024.D
Acq: 27 Mar 2015 6:28

Tgt Ion:240 Resp: 157849
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.2
236 25.2 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

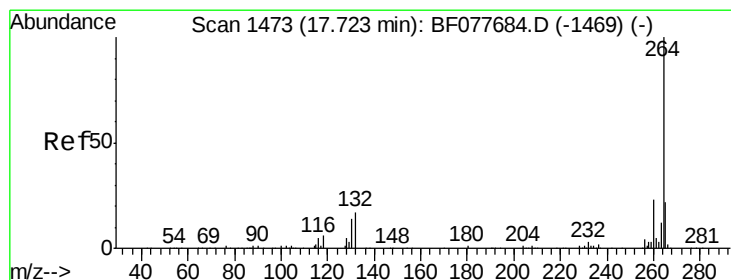
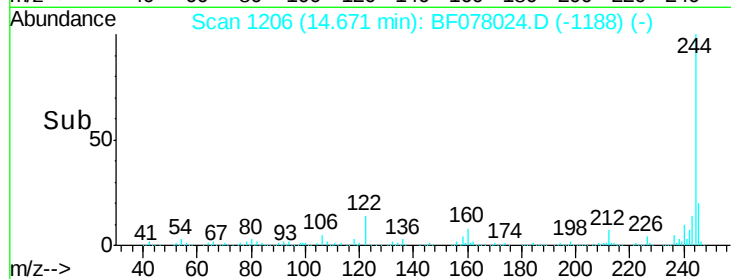
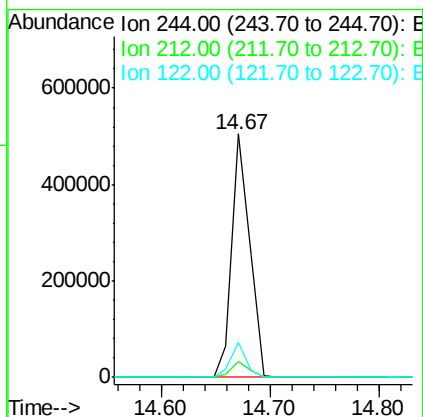
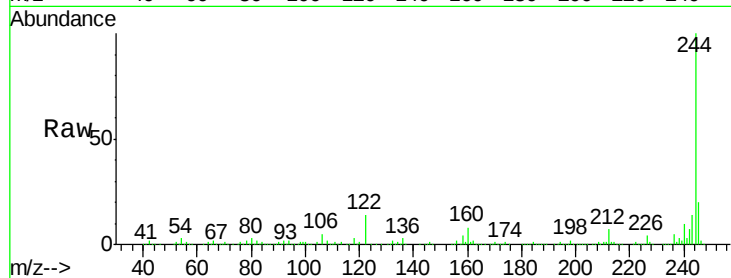




#78
 Terphenyl-d14
 Concen: 88.23 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.09 min
 Lab File: BF078024.D
 Acq: 27 Mar 2015 6:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tgt Ion:244 Resp: 570158
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.9 7.3
 122 14.2 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1472
 Delta R.T. -0.39 min
 Lab File: BF078024.D
 Acq: 27 Mar 2015 6:28

Tgt Ion:264 Resp: 148344
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 21.6 17.3 25.9

