

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077850.D
 Acq On : 20 Mar 2015 2:25
 Operator : TP/IZ
 Sample : G1573-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Mar 20 05:40:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 06:30:20 2015
 Response via : Initial Calibration

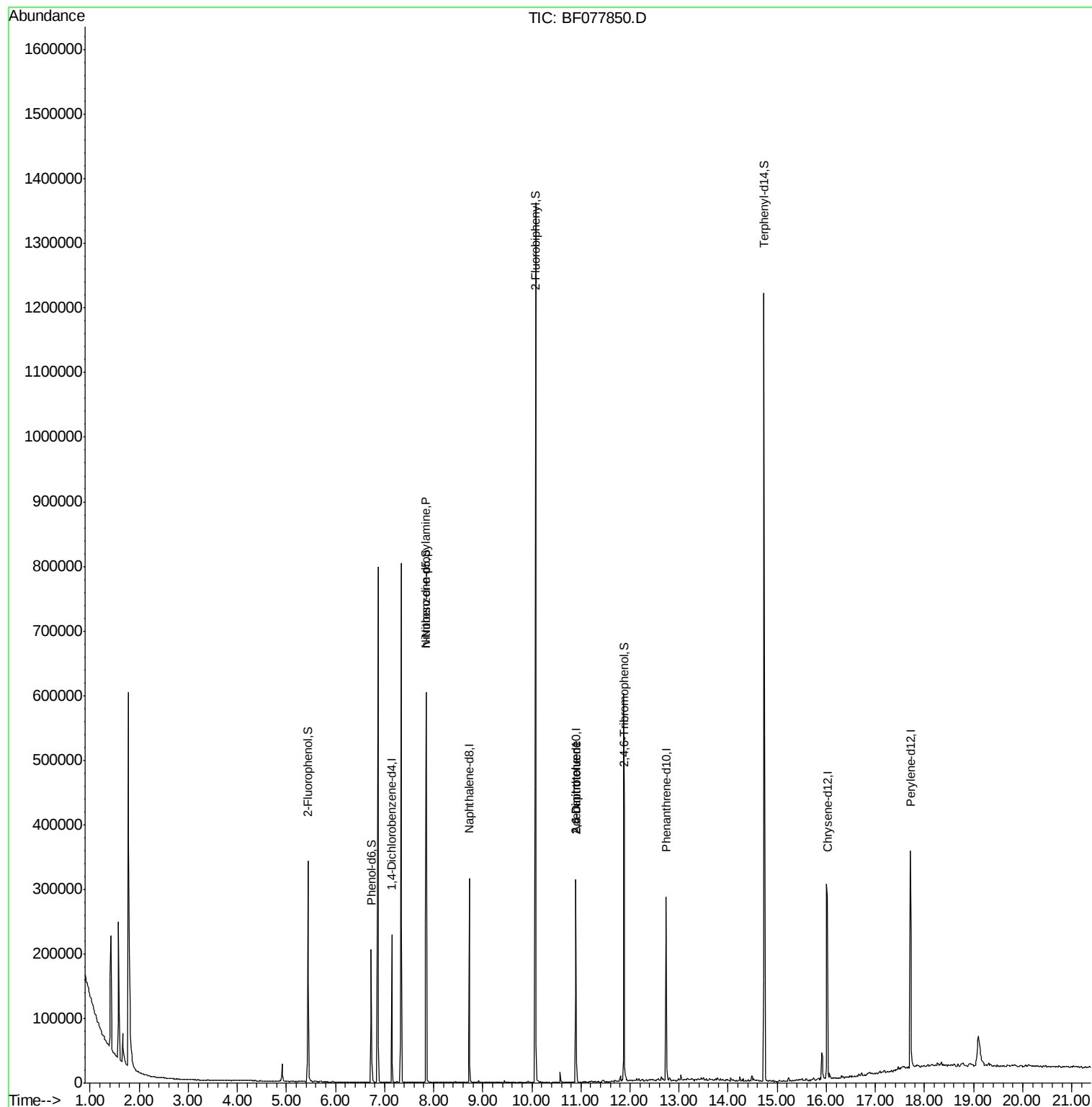
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	36610	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	145123	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	72618	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	147281	20.00	ng	0.00
75) Chrysene-d12	16.02	240	165672	20.00	ng	-0.01
86) Perylene-d12	17.71	264	162257	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	118798	56.64	ng	0.00
7) Phenol-d6	6.73	99	89603	34.58	ng	0.00
23) Nitrobenzene-d5	7.85	82	214855	97.05	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	92304	132.85	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	464893	94.08	ng	0.00
78) Terphenyl-d14	14.73	244	472375	69.65	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.85	70	26894	15.00	ng	# 77
50) 2,6-Dinitrotoluene	10.90	165	9351	8.38	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	9352	6.42	ng	# 11

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

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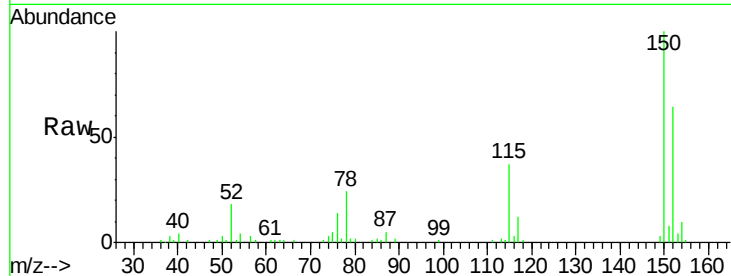




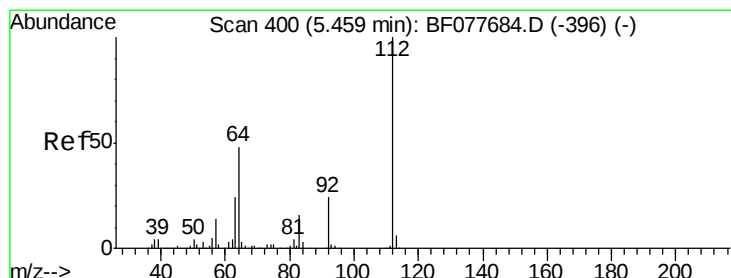
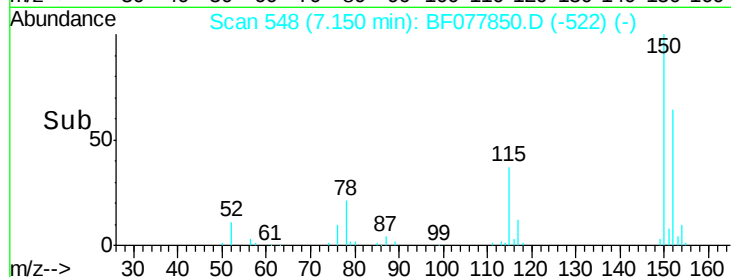
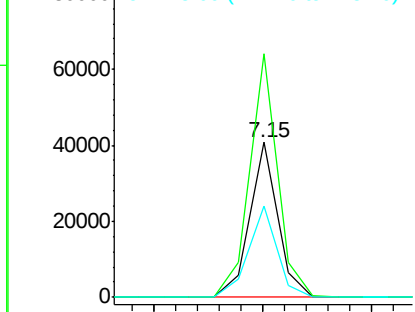
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.15 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF077850.D
 Acq: 20 Mar 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:152 Resp: 36610
 Ion Ratio Lower Upper
 152 100
 150 157.2 119.5 179.3
 115 58.8 43.0 64.4

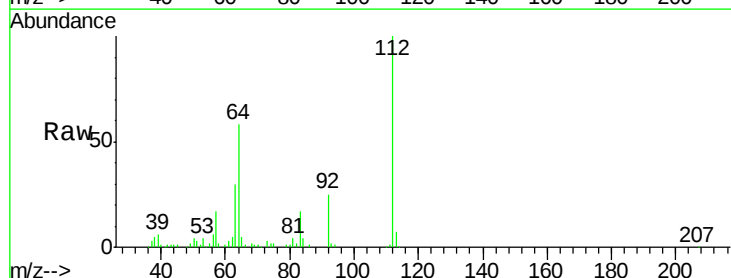


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

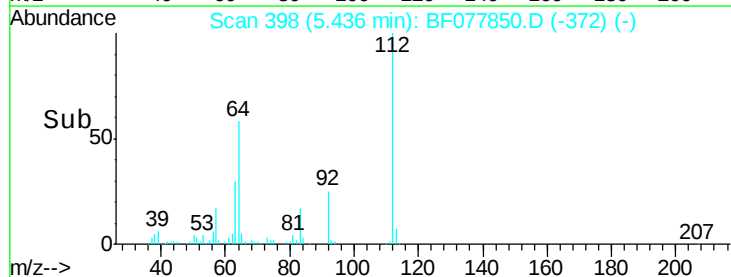
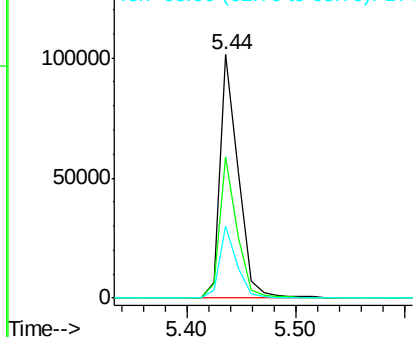


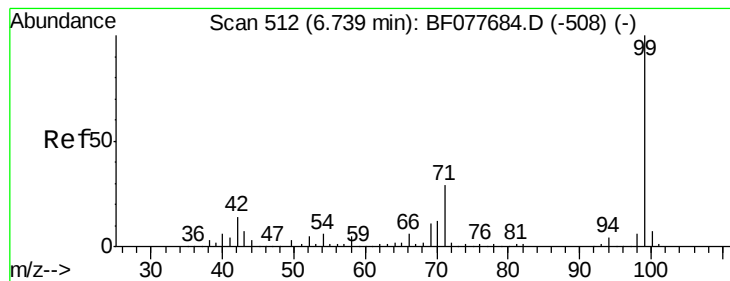
#5
 2-Fluorophenol
 Concen: 56.64 ng
 RT: 5.44 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF077850.D
 Acq: 20 Mar 2015 2:25

Tgt Ion:112 Resp: 118798
 Ion Ratio Lower Upper
 112 100
 64 58.0 38.6 57.8#
 63 29.6 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: 34.58 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077850.D

Acq: 20 Mar 2015 2:25

Instrument :

BNA_F

ClientSampleId :

MW-06

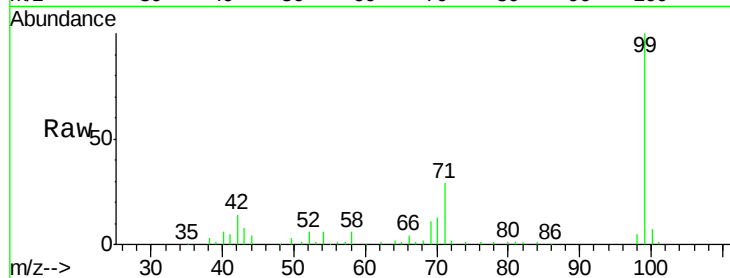
Tgt Ion: 99 Resp: 89603

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

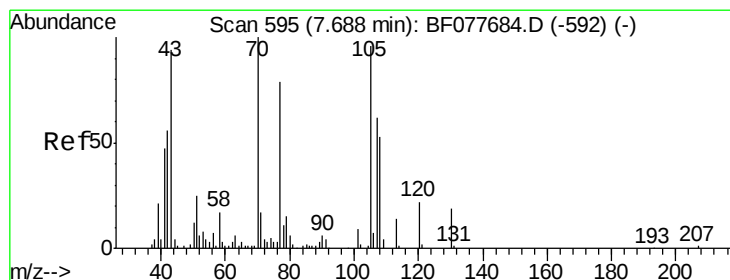
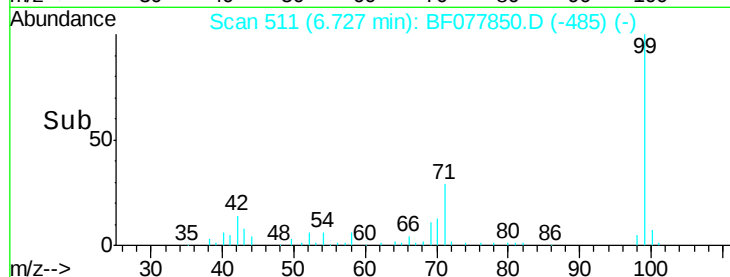
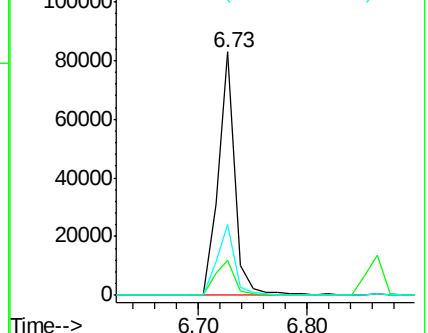
71 28.9 23.4 35.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.00 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.17 min

Lab File: BF077850.D

Acq: 20 Mar 2015 2:25

Tgt Ion: 70 Resp: 26894

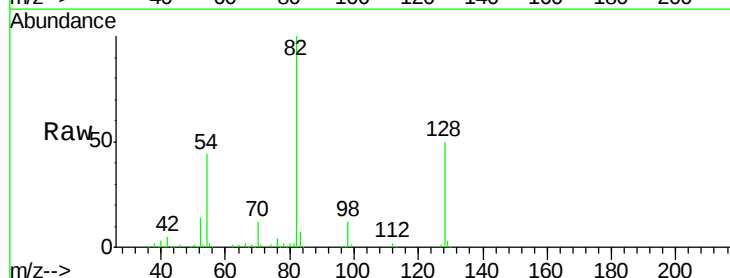
Ion Ratio Lower Upper

70 100

42 42.9 44.5 66.7#

101 0.0 7.4 11.2#

130 2.8 15.3 22.9#

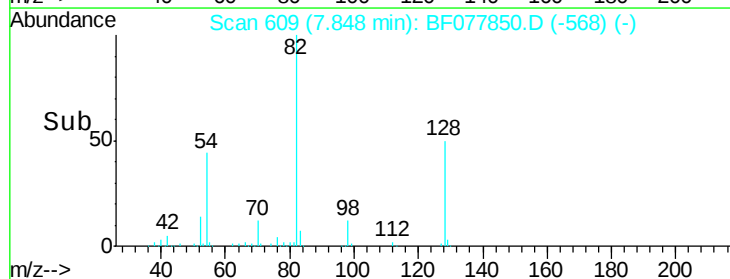
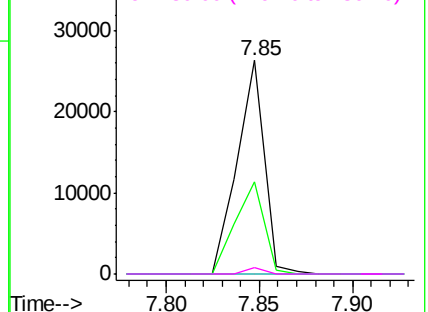


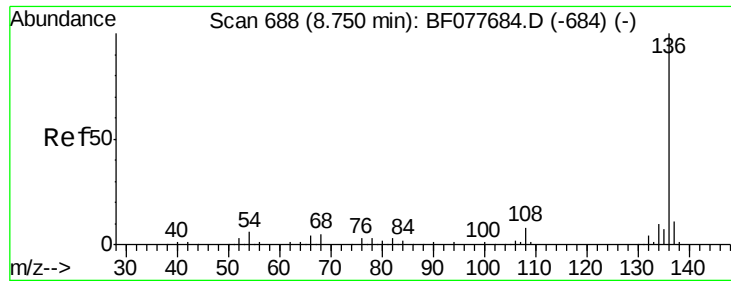
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

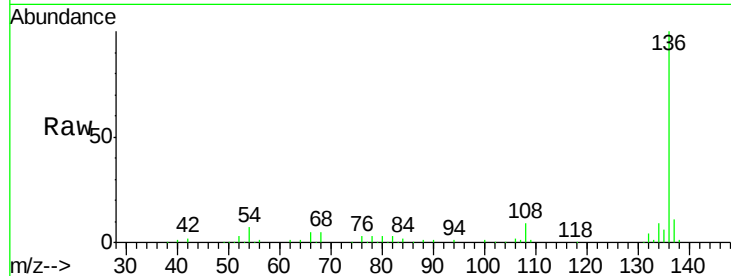




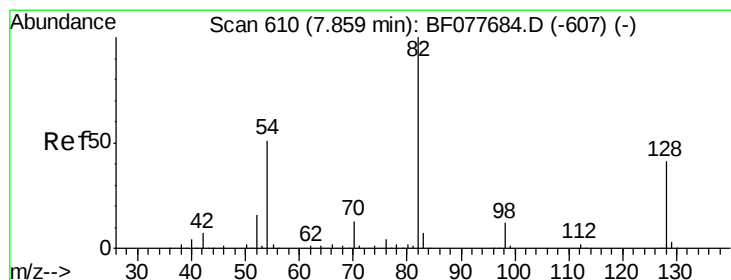
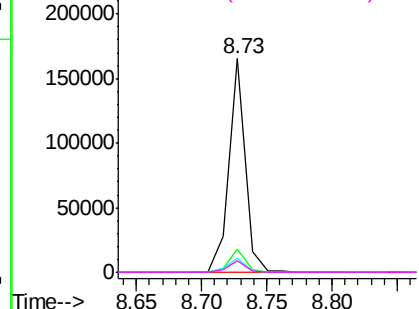
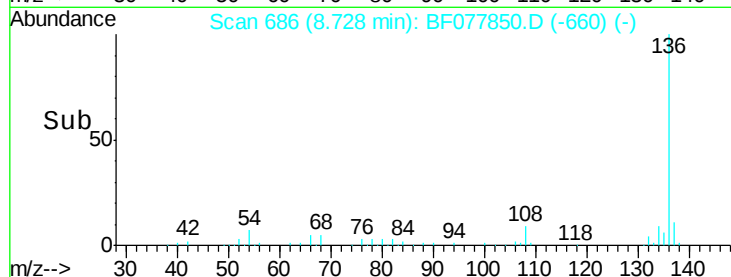
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077850.D
Acq: 20 Mar 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:	136	Resp:	145123
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

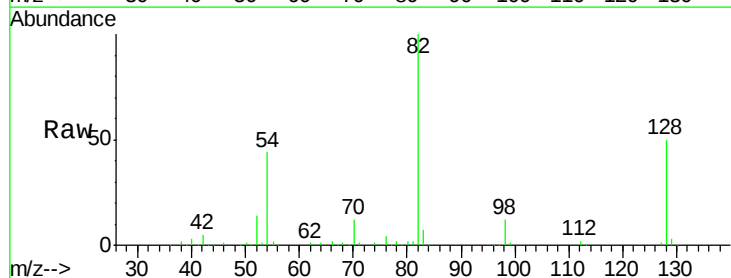


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

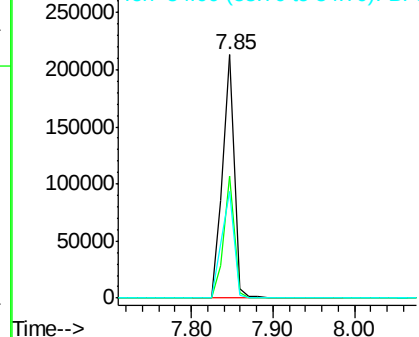
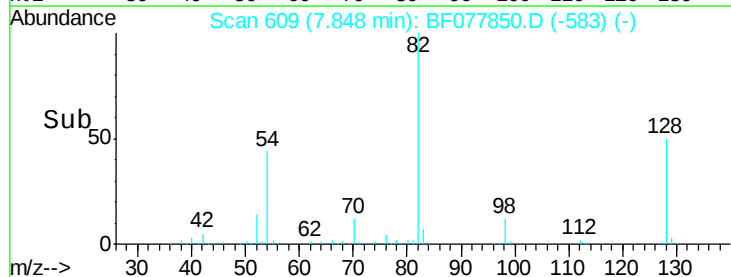


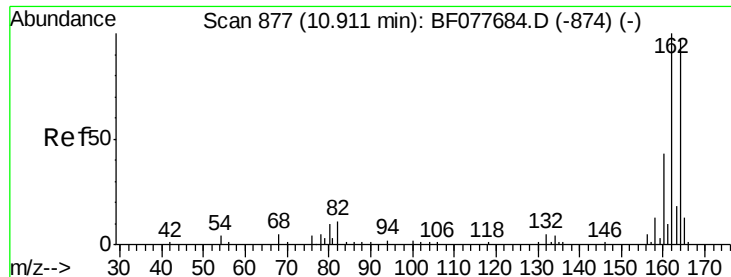
#23
Nitrobenzene-d5
Concen: 97.05 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077850.D
Acq: 20 Mar 2015 2:25

Tgt Ion:	82	Resp:	214855
Ion	Ratio	Lower	Upper
82	100		
128	50.1	32.8	49.2#
54	43.8	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077850.D

Acq: 20 Mar 2015 2:25

Instrument :

BNA_F

ClientSampleId :

MW-06

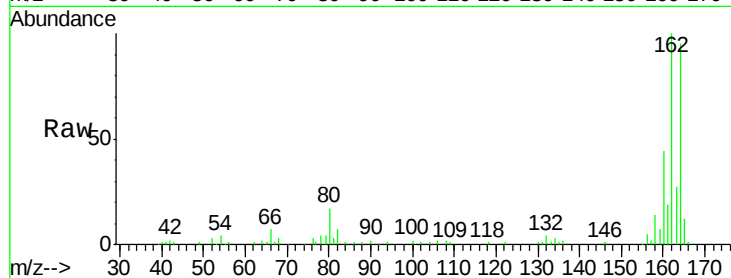
Tgt Ion:164 Resp: 72618

Ion Ratio Lower Upper

164 100

162 105.1 82.4 123.6

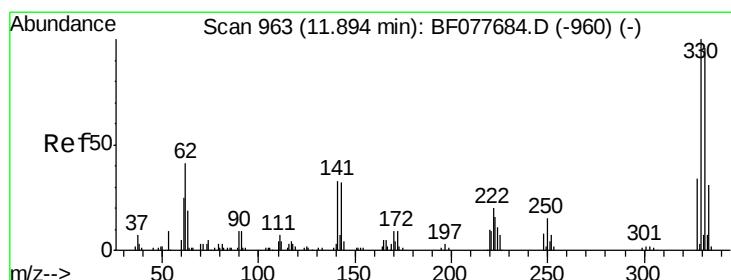
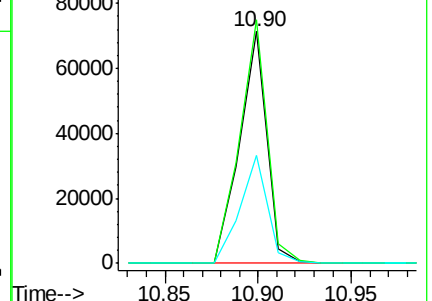
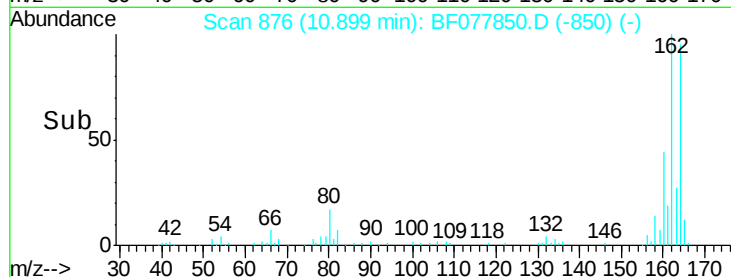
160 46.3 35.8 53.6



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: 132.85 ng

RT: 11.88 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF077850.D

Acq: 20 Mar 2015 2:25

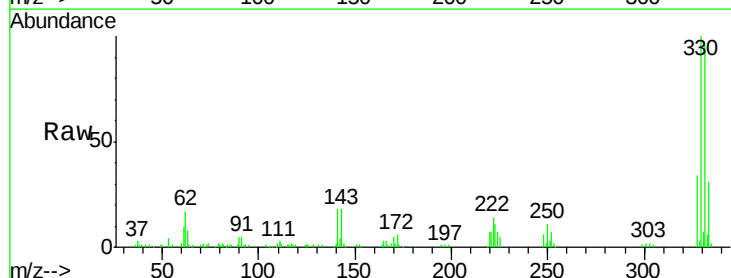
Tgt Ion:330 Resp: 92304

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

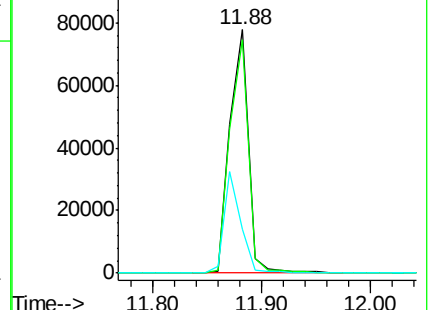
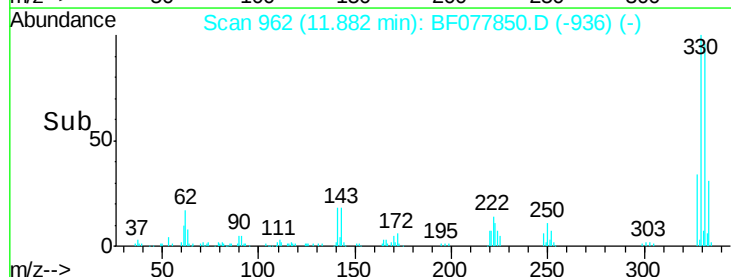
141 37.8 0.0 0.0#

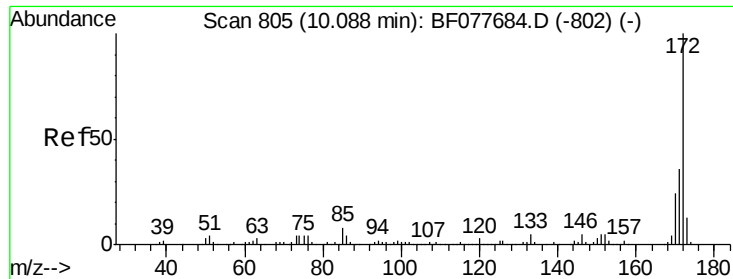


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

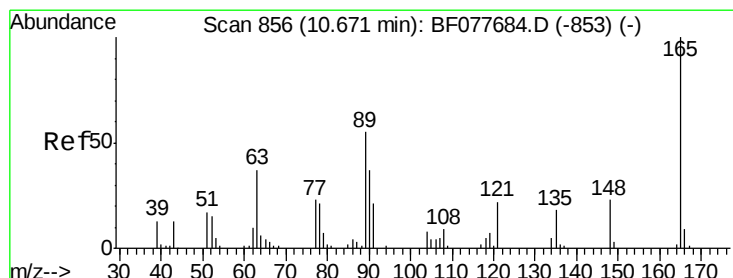
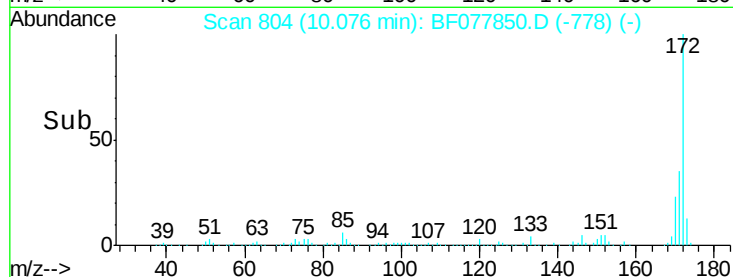
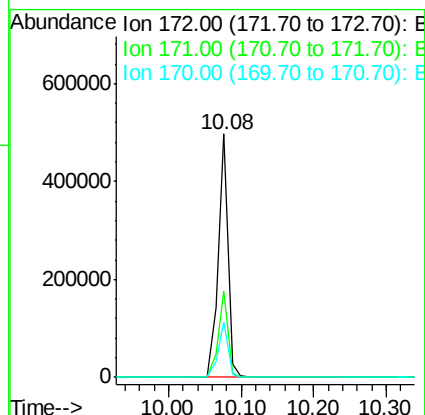
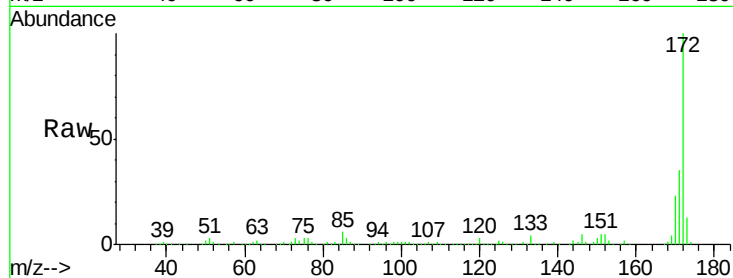




#44
 2-Fluorobiphenyl
 Concen: 94.08 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF077850.D
 Acq: 20 Mar 2015 2:25

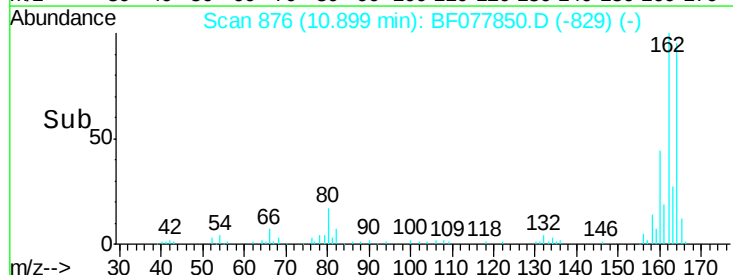
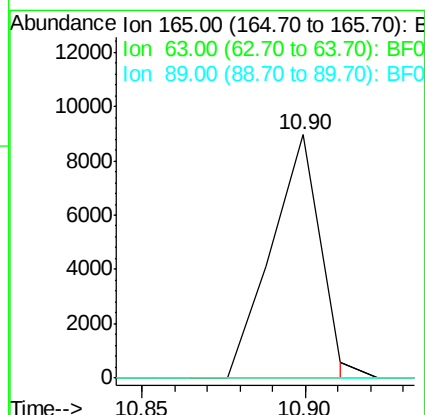
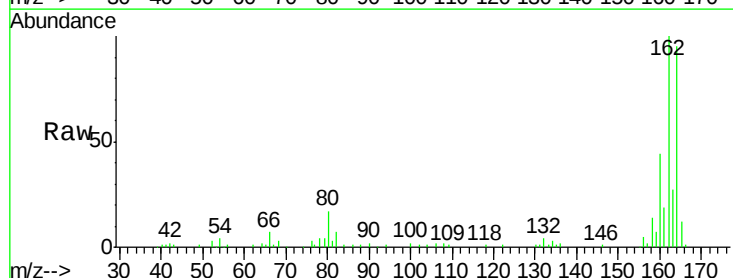
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 MW-06

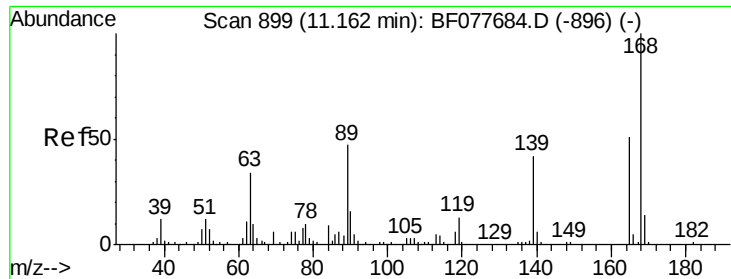
Tgt Ion:172 Resp: 464893
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.0 18.8 28.2



#50
 2,6-Dinitrotoluene
 Concen: 8.38 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.24 min
 Lab File: BF077850.D
 Acq: 20 Mar 2015 2:25

Tgt Ion:165 Resp: 9351
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

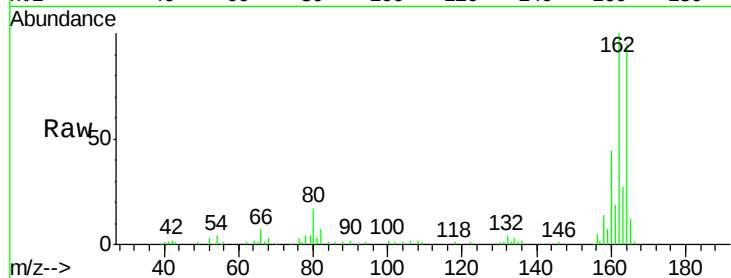




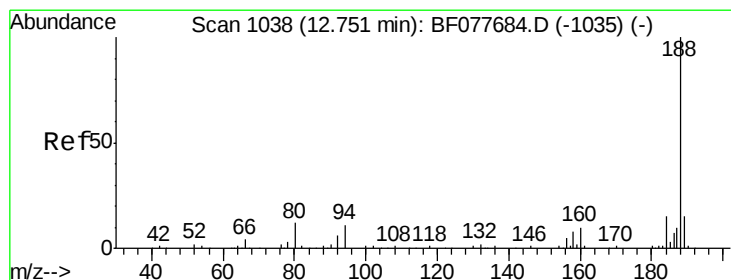
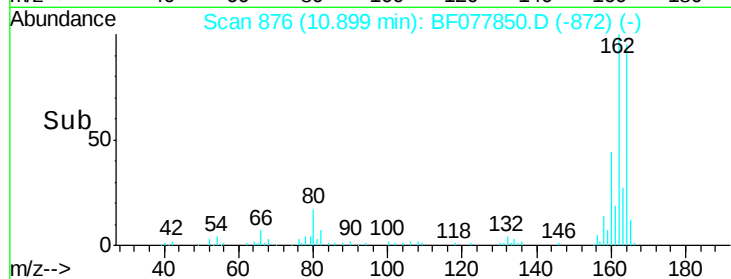
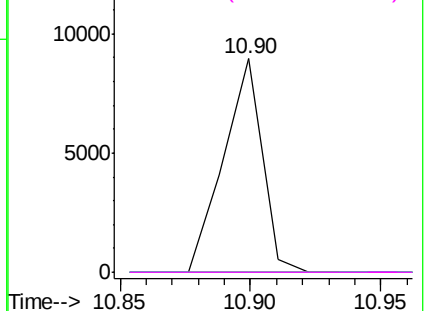
#56
 2,4-Dinitrotoluene
 Concen: 6.42 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.25 min
 Lab File: BF077850.D
 Acq: 20 Mar 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:165 Resp: 9352
 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#

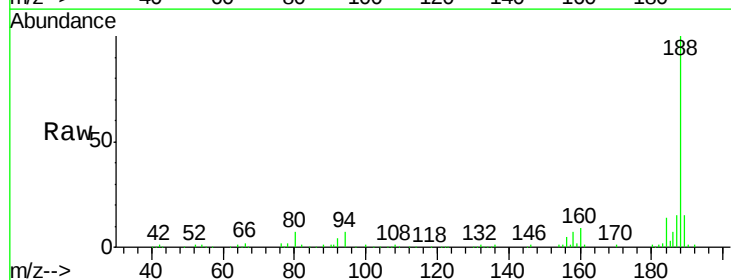


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

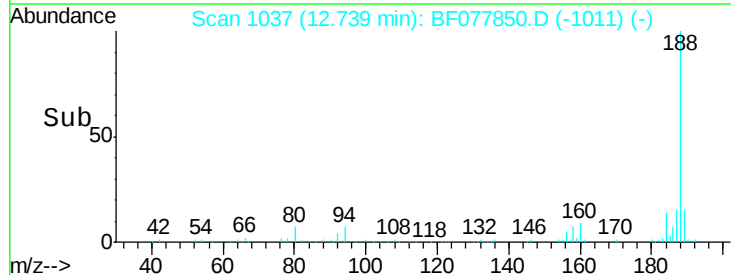
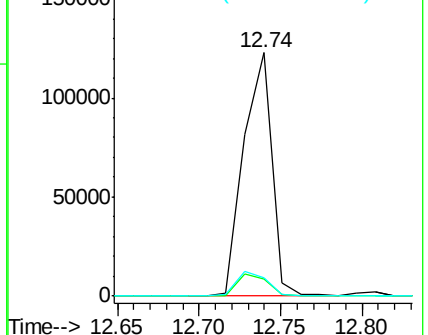


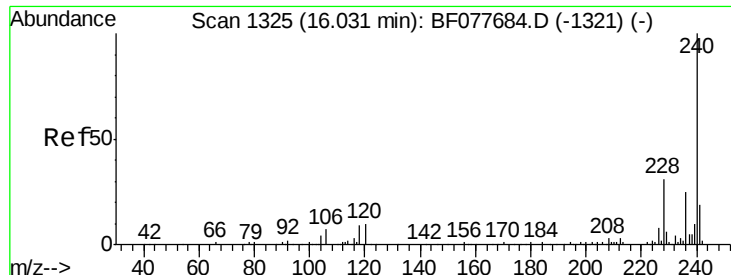
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF077850.D
 Acq: 20 Mar 2015 2:25

Tgt Ion:188 Resp: 147281
 Ion Ratio Lower Upper
 188 100
 94 7.1 8.7 13.1#
 80 7.4 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

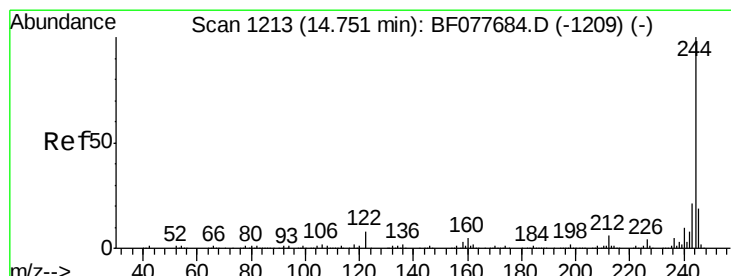
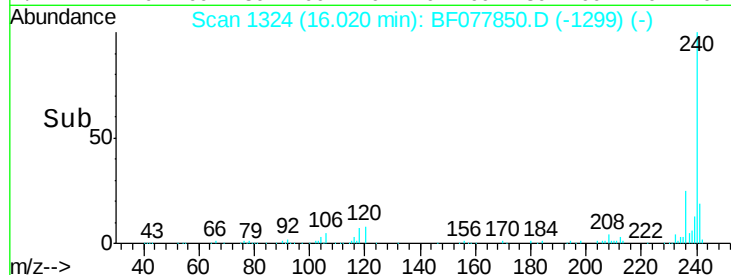
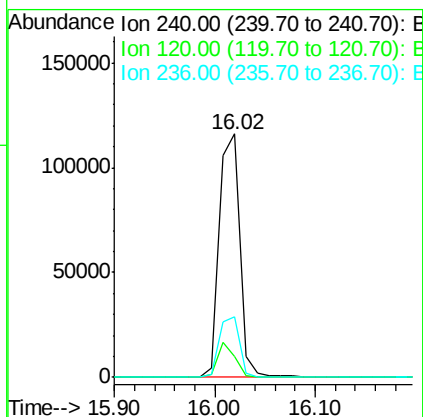
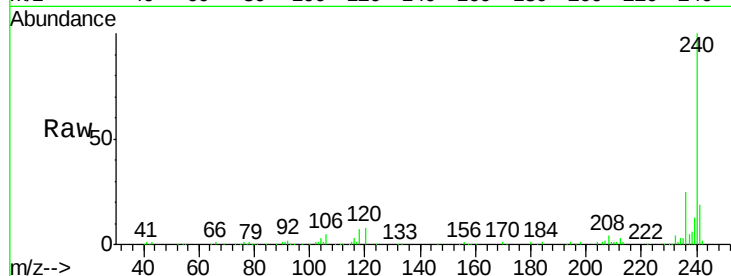




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF077850.D
 Acq: 20 Mar 2015 2:25

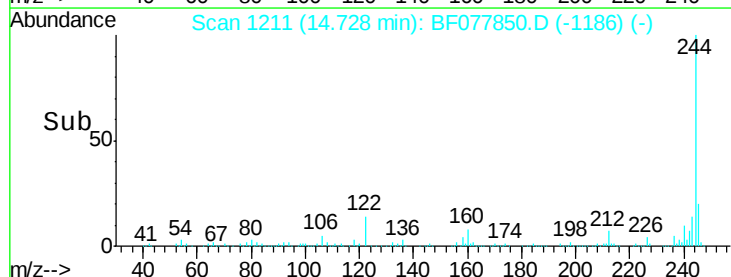
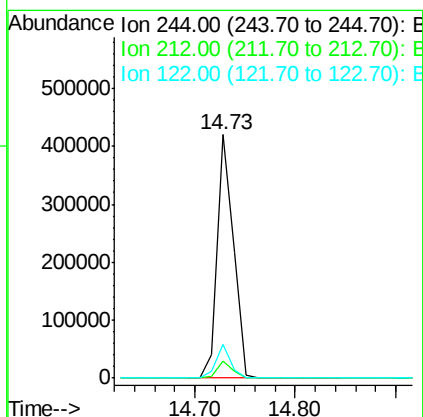
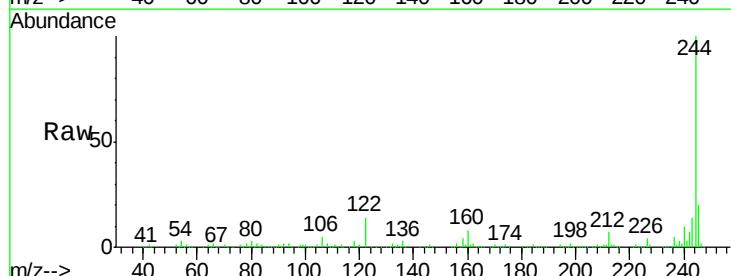
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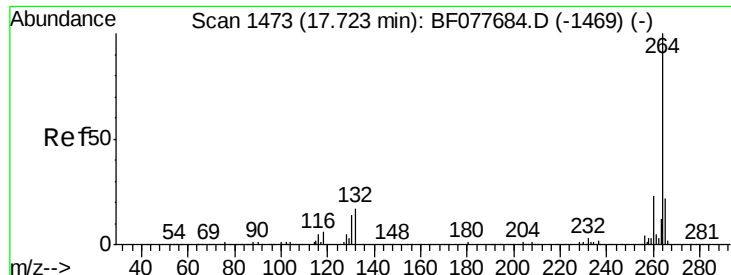
Tgt Ion:240 Resp: 165672
 Ion Ratio Lower Upper
 240 100
 120 8.4 8.2 12.2
 236 25.0 20.0 30.0



#78
 Terphenyl-d14
 Concen: 69.65 ng
 RT: 14.73 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF077850.D
 Acq: 20 Mar 2015 2:25

Tgt Ion:244 Resp: 472375
 Ion Ratio Lower Upper
 244 100
 212 6.8 4.9 7.3
 122 13.8 6.2 9.4#

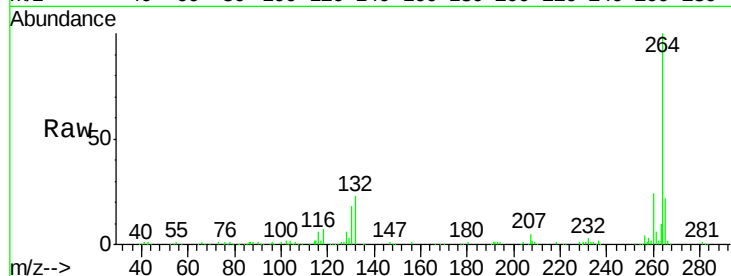




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1472
Delta R.T. -0.05 min
Lab File: BF077850.D
Acq: 20 Mar 2015 2:25

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion: 264 Resp: 162257
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 22.0 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

