

Data Path : Z:\HPCHEM1\BNA F\Data\BF032015\New Folder\
 Data File : BF077864.D
 Acq On : 20 Mar 2015 15:38
 Operator : TP/IZ
 Sample : G1573-03RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Mar 23 08:21:16 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

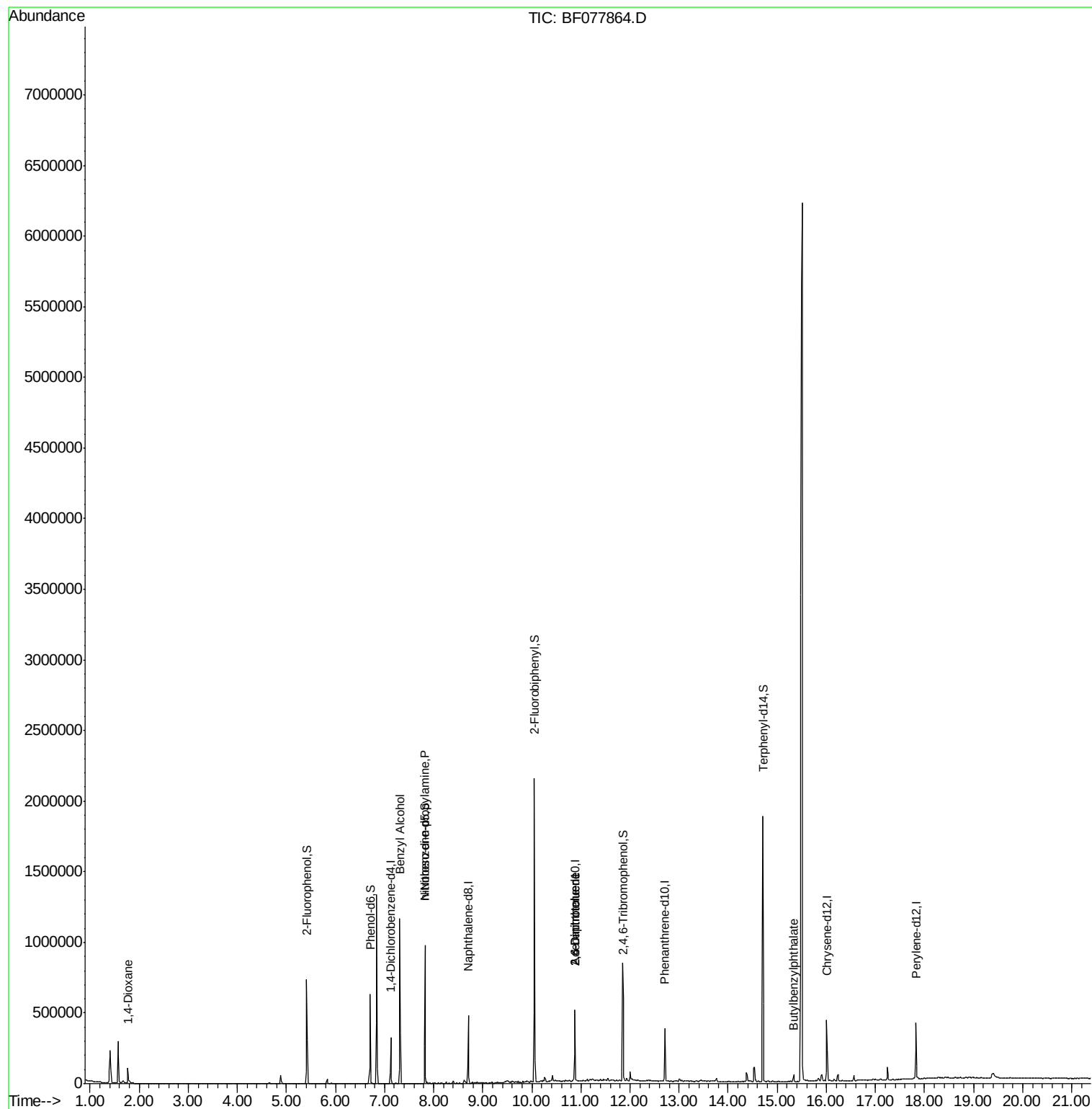
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	53108	20.00	ng	-0.03
21) Naphthalene-d8	8.70	136	215033	20.00	ng	-0.03
38) Acenaphthene-d10	10.88	164	109240	20.00	ng	-0.03
63) Phenanthrene-d10	12.71	188	200018	20.00	ng	-0.05
75) Chrysene-d12	16.01	240	185458	20.00	ng	-0.13
86) Perylene-d12	17.83	264	180875	20.00	ng	-0.27
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	244566	80.38	ng	-0.02
7) Phenol-d6	6.70	99	219215	58.32	ng	-0.02
23) Nitrobenzene-d5	7.82	82	311232	94.88	ng	-0.03
41) 2,4,6-Tribromophenol	11.86	330	125503	120.08	ng	-0.03
44) 2-Fluorobiphenyl	10.05	172	664181	89.35	ng	-0.03
78) Terphenyl-d14	14.71	244	671989	88.51	ng	-0.06
Target Compounds						
2) 1,4-Dioxane	1.77	88	3955	2.86	ng	# 100
15) Benzyl Alcohol	7.31	79	5931	2.02	ng	# 56
19) n-Nitroso-di-n-propylamine	7.82	70	41086	15.80	ng	# 79
50) 2,6-Dinitrotoluene	10.88	165	13760	8.19	ng	# 25
56) 2,4-Dinitrotoluene	10.88	165	13757	6.28	ng	# 12
79) Butylbenzylphthalate	15.33	149	14150	3.08	ng	99

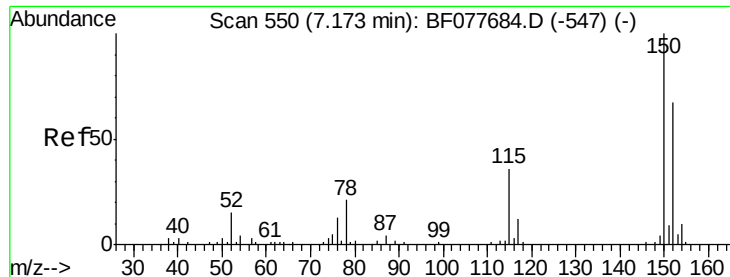
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.03 min

Lab File: BF077684.D

Acq: 20 Mar 2015 15:38

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BNA_F

ClientSampleId :

MW-12

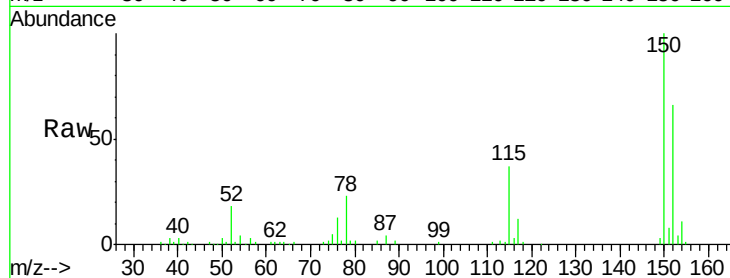
Tot Ion:152 Resp: 53108

Ion Ratio Lower Upper

152 100

150 152.3 119.5 179.3

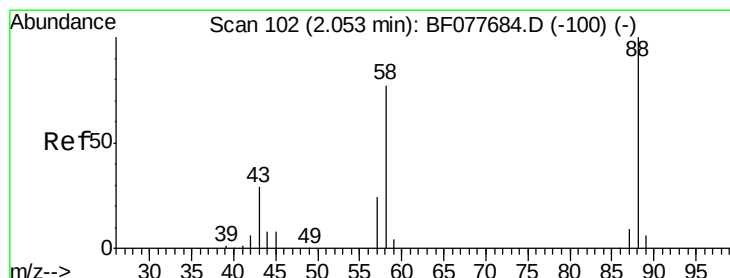
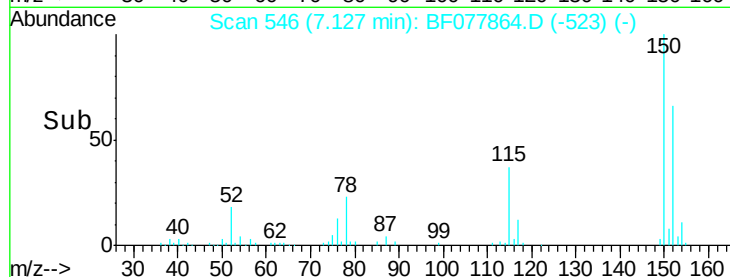
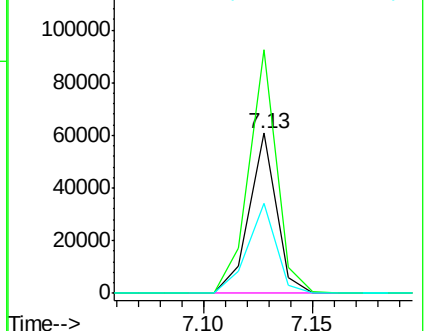
115 56.0 43.0 64.4



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



#2

1,4-Dioxane

Concen: 2.86 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.27 min

Lab File: BF077684.D

Acq: 20 Mar 2015 15:38

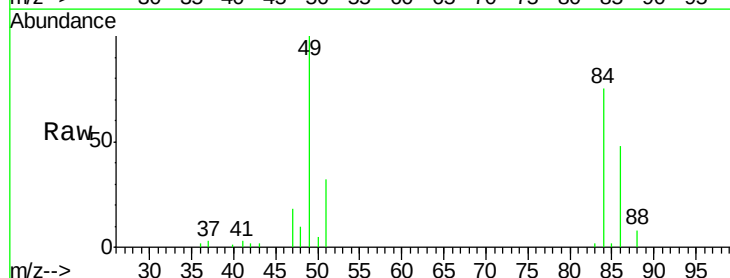
Tgt Ion: 88 Resp: 3955

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

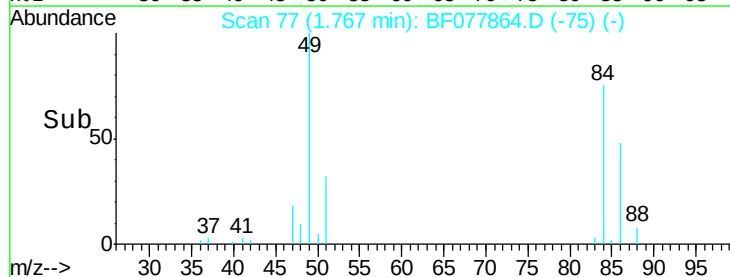
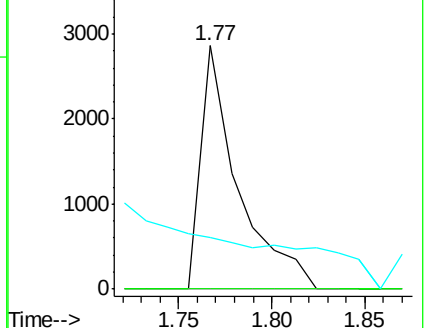
43 0.0 0.0 0.0

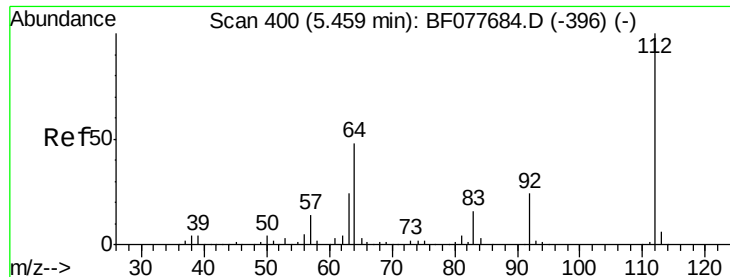


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

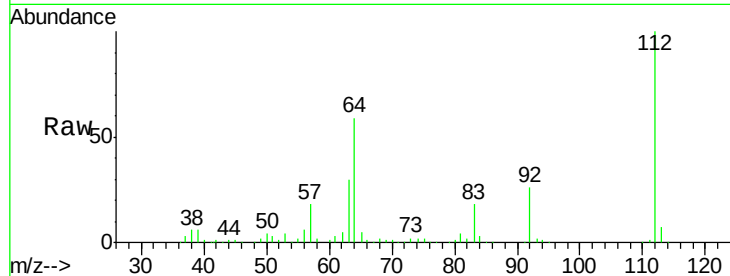




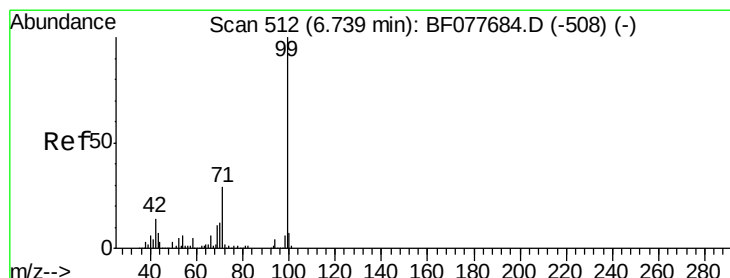
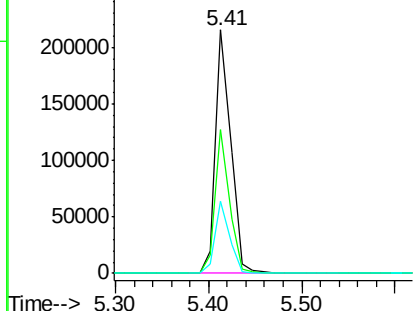
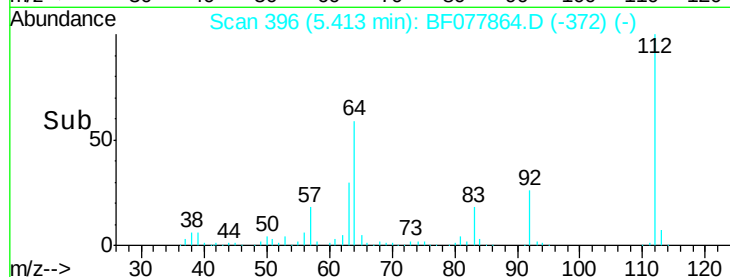
#5
 2-Fluorophenol
 Concen: 80.38 ng
 RT: 5.41 min Scan# 396
 Delta R.T. -0.02 min
 Lab File: BF077864.D
 Acq: 20 Mar 2015 15:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.1	38.6	57.8#
63	29.6	19.3	28.9#

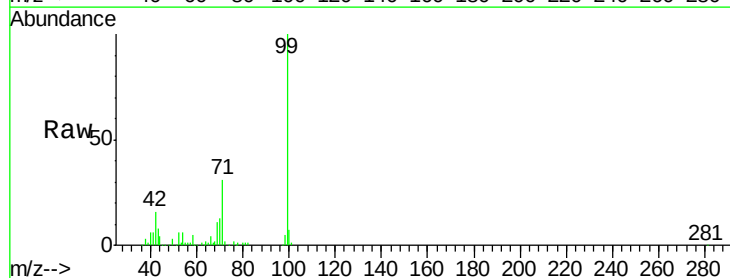


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

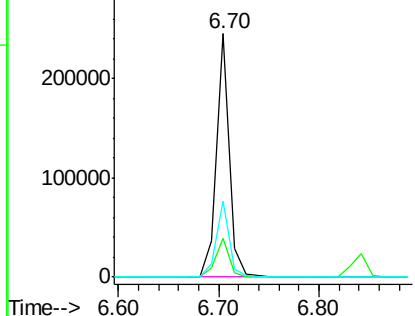
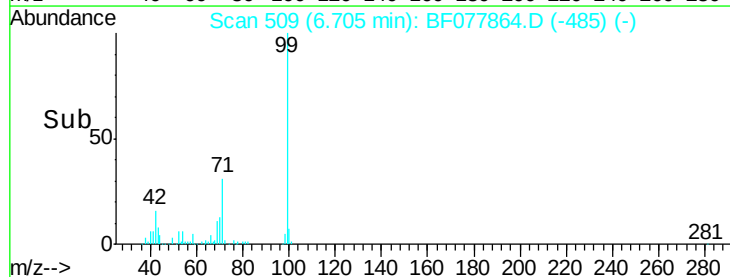


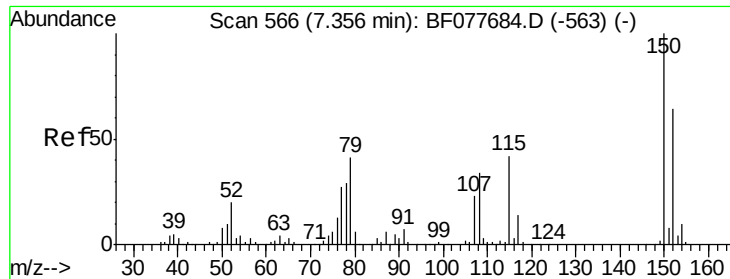
#7
 Phenol-d6
 Concen: 58.32 ng
 RT: 6.70 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF077864.D
 Acq: 20 Mar 2015 15:38

Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.0	16.4
71	31.1	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

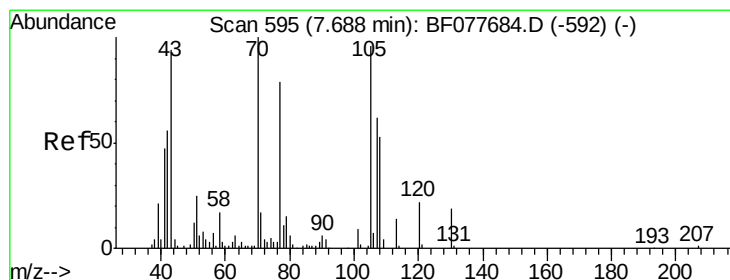
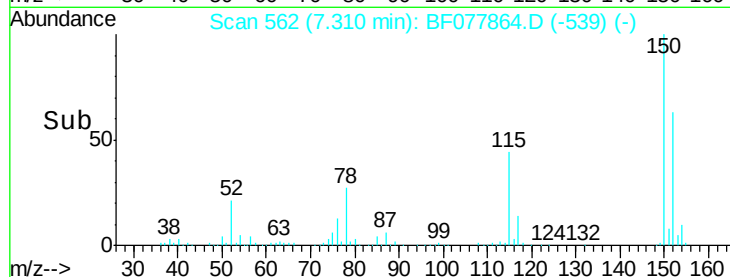
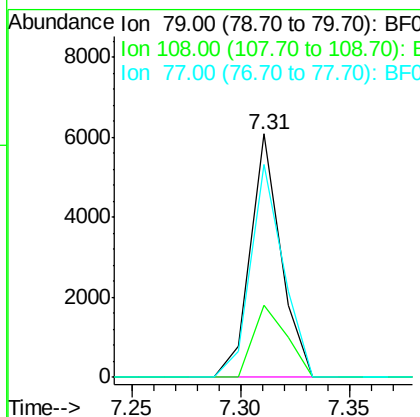
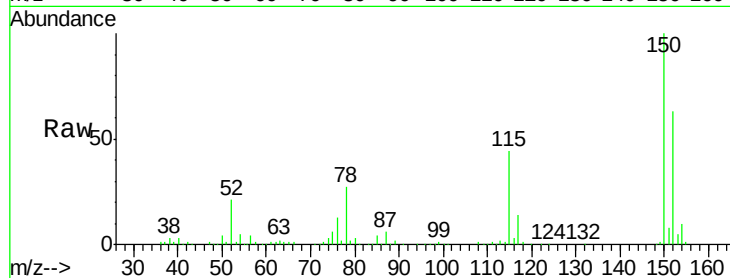




#15
Benzyl Alcohol
Concen: 2.02 ng
RT: 7.31 min Scan# 562
Delta R.T. -0.03 min
Lab File: BF077864.D
Acq: 20 Mar 2015 15:38

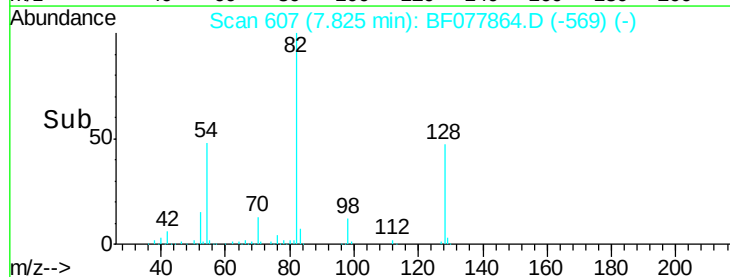
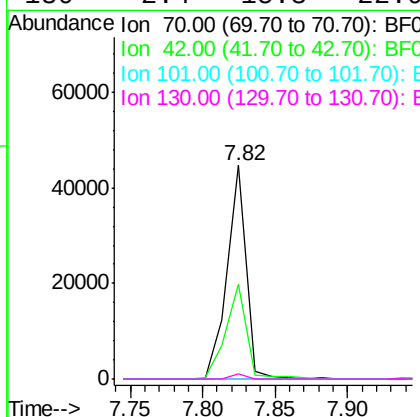
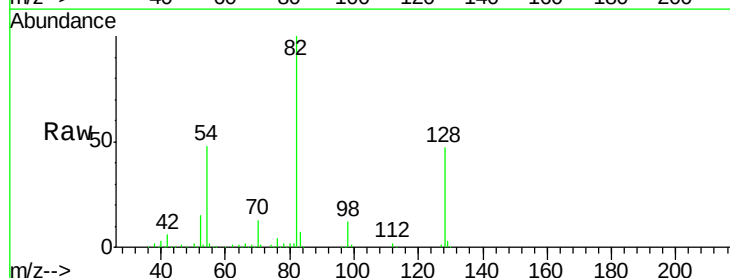
Instrument :
BNA_F
ClientSampled :
MW-12

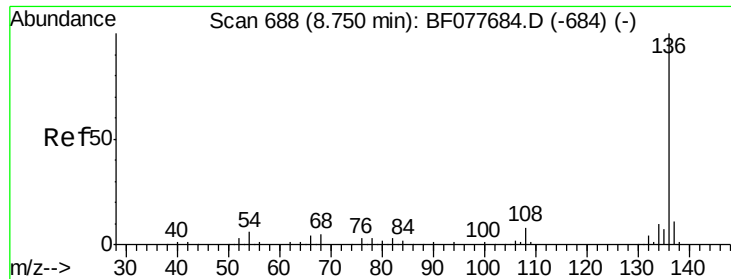
Tot Ion: 79 Resp: 5931
Ion Ratio Lower Upper
79 100
108 29.4 65.0 97.4#
77 87.2 53.0 79.6#



#19
n-Nitroso-di-n-propylamine
Concen: 15.80 ng
RT: 7.82 min Scan# 607
Delta R.T. 0.14 min
Lab File: BF077864.D
Acq: 20 Mar 2015 15:38

Tgt Ion: 70 Resp: 41086
Ion Ratio Lower Upper
70 100
42 44.4 44.5 66.7#
101 0.0 7.4 11.2#
130 2.4 15.3 22.9#

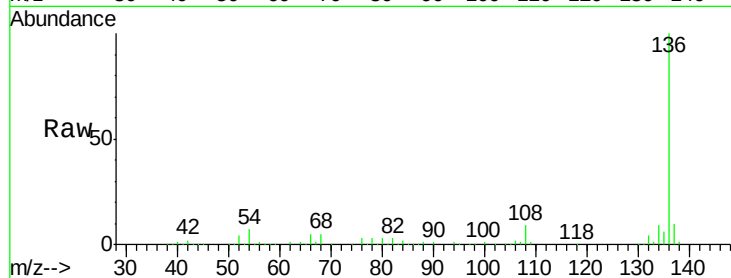




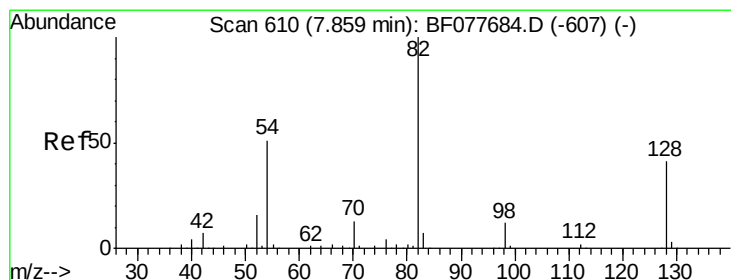
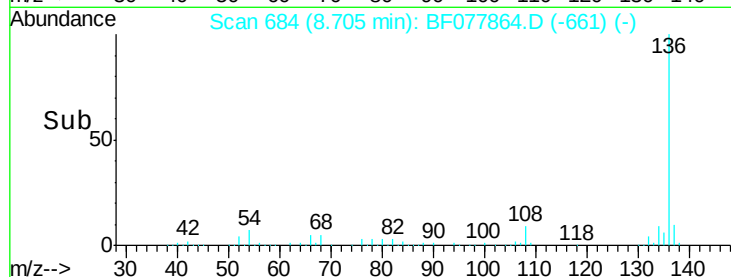
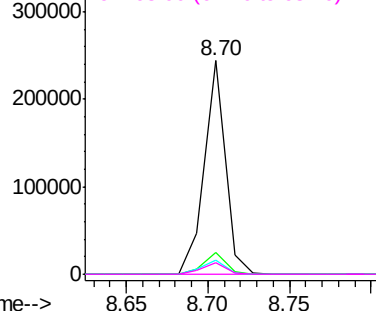
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF077864.D
Acq: 20 Mar 2015 15:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion:136	Resp: 215033
Ion Ratio	Lower Upper
136 100	
137 10.4	8.7 13.1
54 6.7	4.6 6.8
68 5.4	3.7 5.5

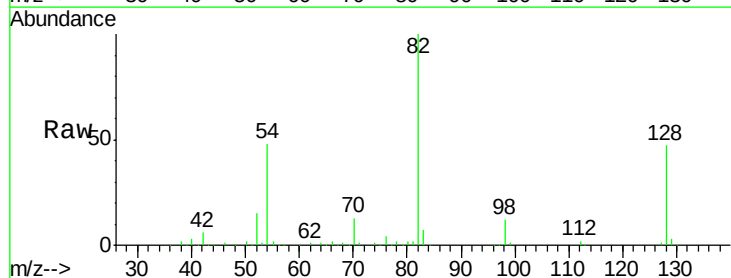


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

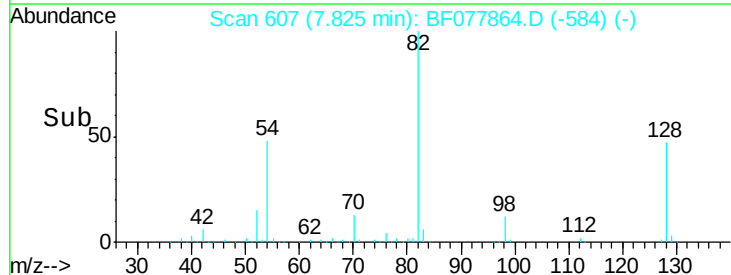
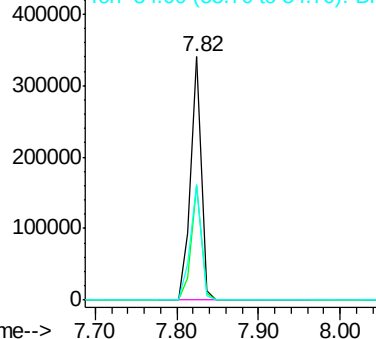


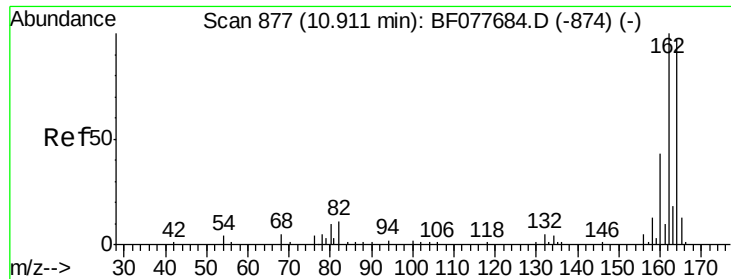
#23
Nitrobenzene-d5
Concen: 94.88 ng
RT: 7.82 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF077864.D
Acq: 20 Mar 2015 15:38

Tgt Ion: 82	Resp: 311232
Ion Ratio	Lower Upper
82 100	
128 47.1	32.8 49.2
54 47.5	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

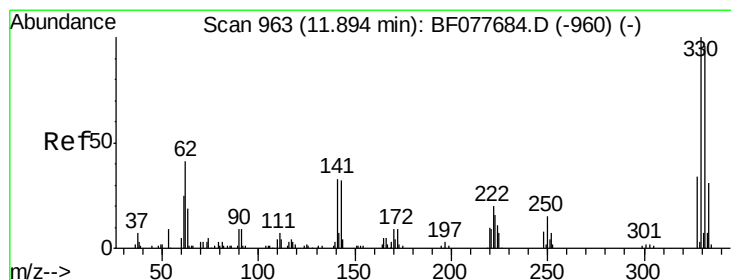
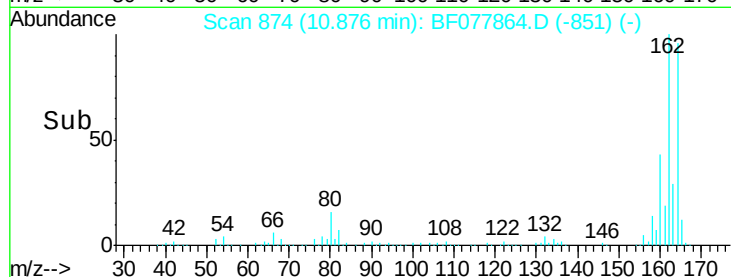
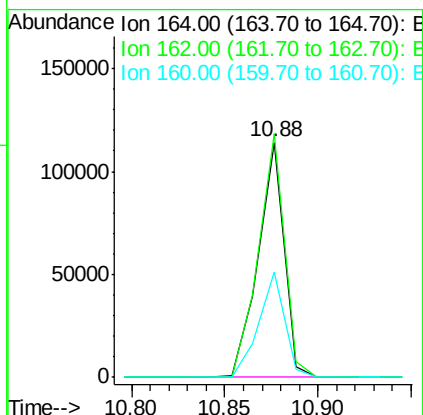
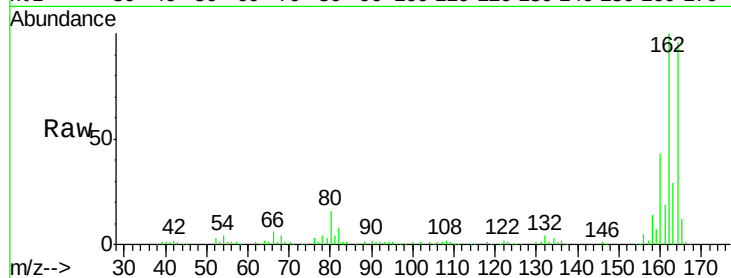




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.03 min
 Lab File: BF077864.D
 Acq: 20 Mar 2015 15:38

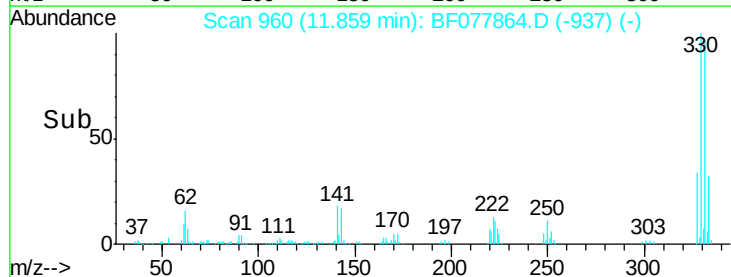
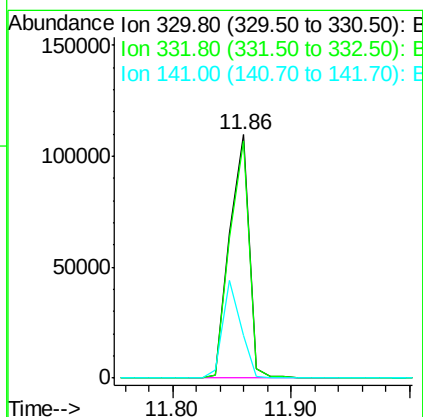
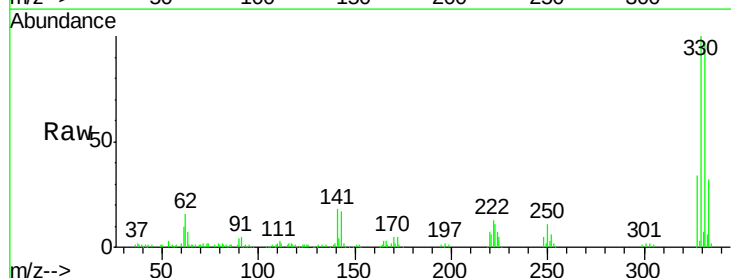
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 MW-12

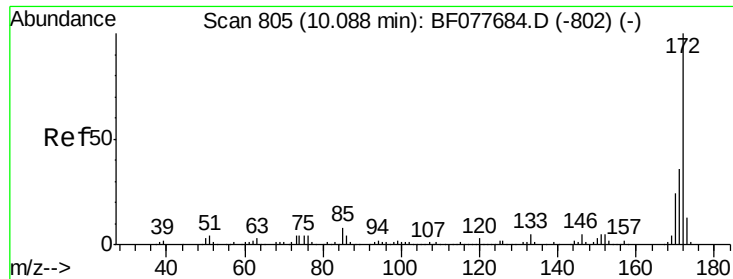
Tot Ion:164 Resp: 109240
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.4 123.6
 160 45.0 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 120.08 ng
 RT: 11.86 min Scan# 960
 Delta R.T. -0.03 min
 Lab File: BF077864.D
 Acq: 20 Mar 2015 15:38

Tgt Ion:330 Resp: 125503
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 37.4 0.0 0.0#

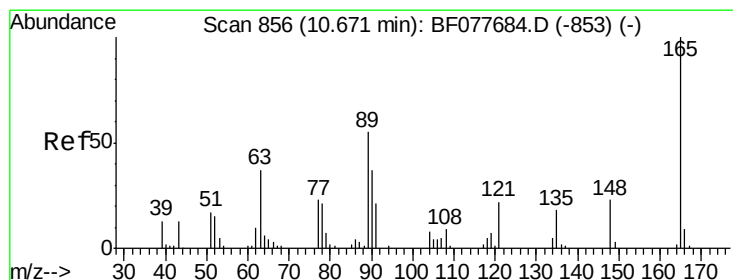
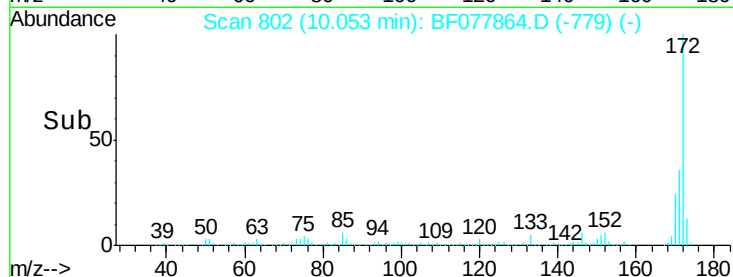
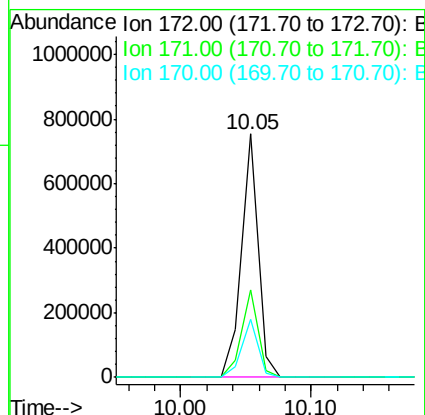
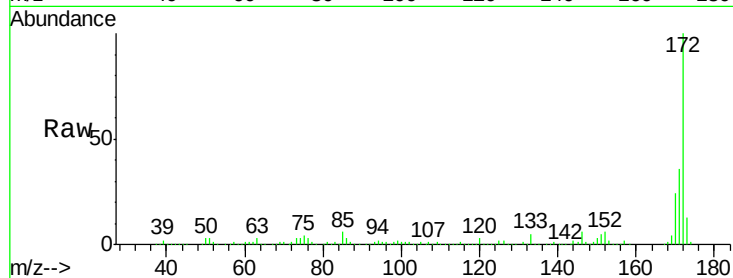




#44
2-Fluorobiphenyl
Concen: 89.35 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF077864.D
Acq: 20 Mar 2015 15:38

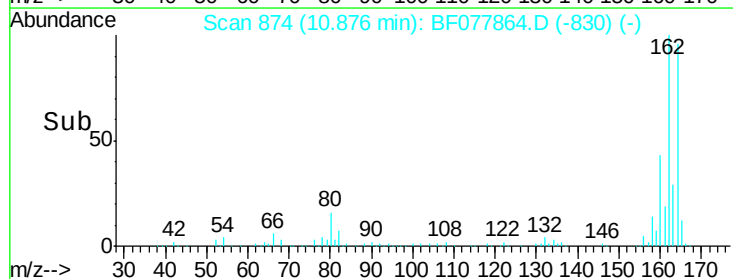
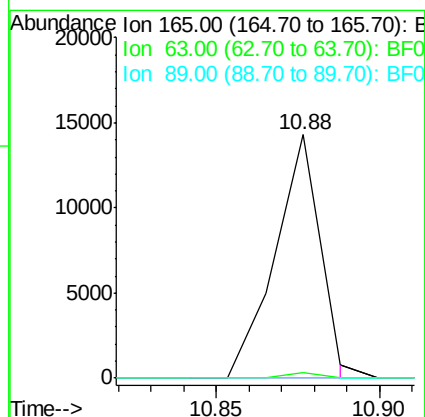
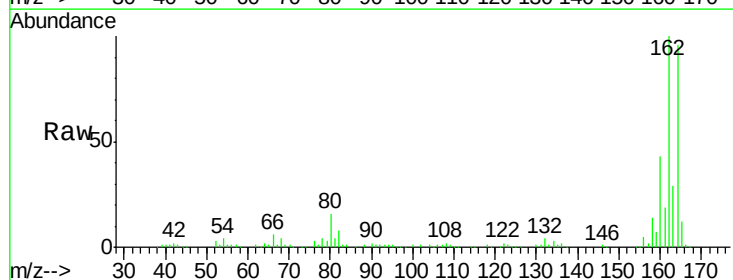
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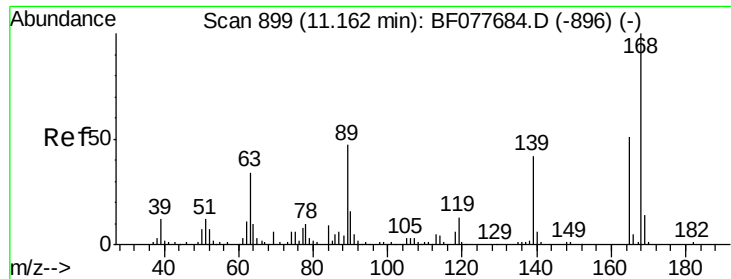
Tot Ion:172 Resp: 664181
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.8 18.8 28.2



#50
2,6-Dinitrotoluene
Concen: 8.19 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.21 min
Lab File: BF077864.D
Acq: 20 Mar 2015 15:38

Tgt Ion:165 Resp: 13760
Ion Ratio Lower Upper
165 100
63 2.3 44.1 66.1#
89 0.0 44.3 66.5#

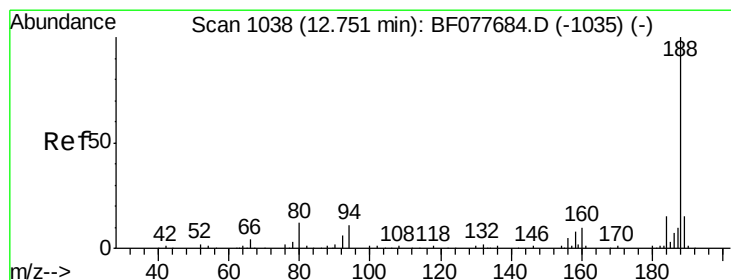
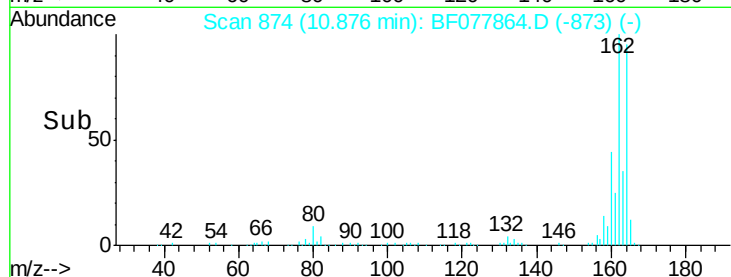
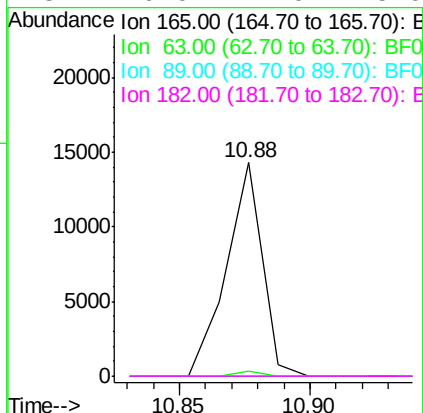
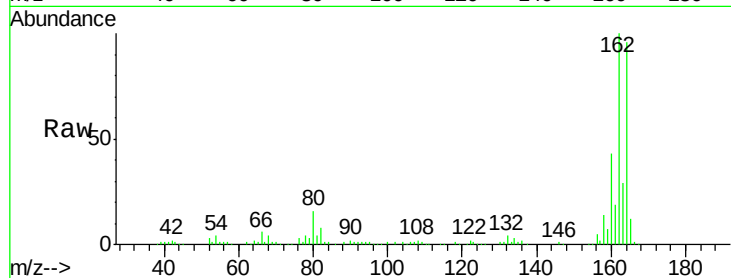




#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.29 min
 Lab File: BF077864.D
 Acq: 20 Mar 2015 15:38

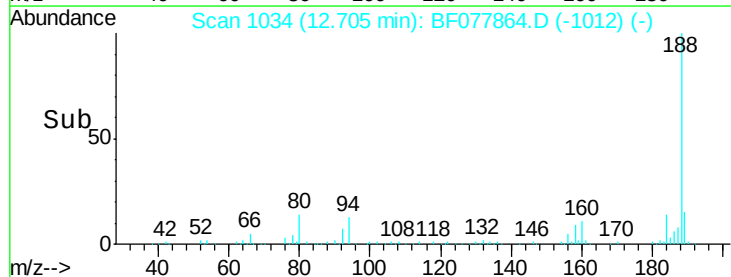
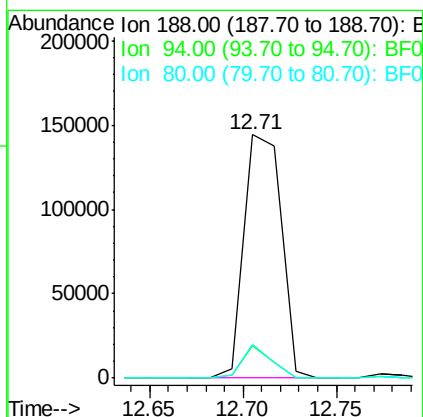
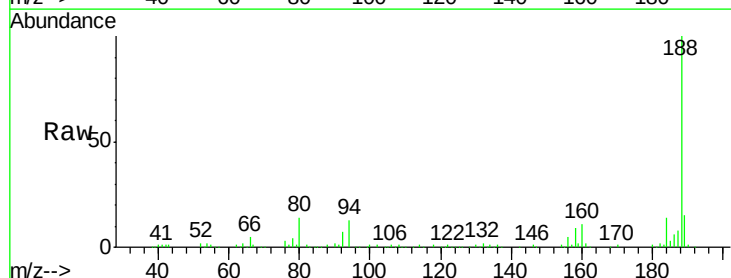
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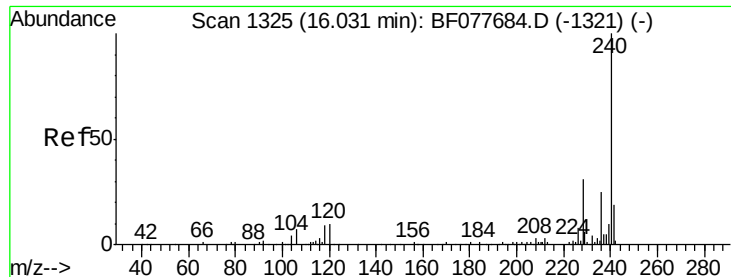
Tot Ion:165 Resp: 13757
 Ion Ratio Lower Upper
 165 100
 63 2.3 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF077864.D
 Acq: 20 Mar 2015 15:38

Tgt Ion:188 Resp: 200018
 Ion Ratio Lower Upper
 188 100
 94 13.1 8.7 13.1
 80 13.7 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.01 min Scan# 1323

Delta R.T. -0.13 min

Lab File: BF077684.D

Acq: 20 Mar 2015 15:38

Instrument :

BNA_F

ClientSampleId :

MW-12

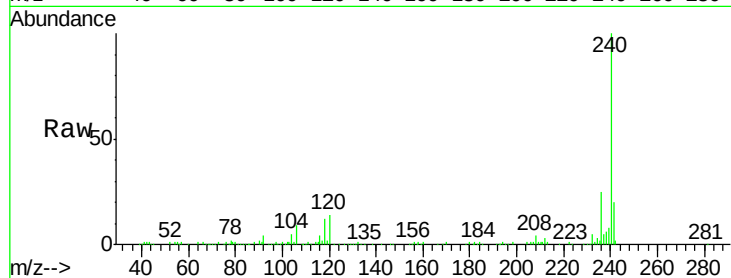
Tot Ion:240 Resp: 185458

Ion Ratio Lower Upper

240 100

120 13.5 8.2 12.2#

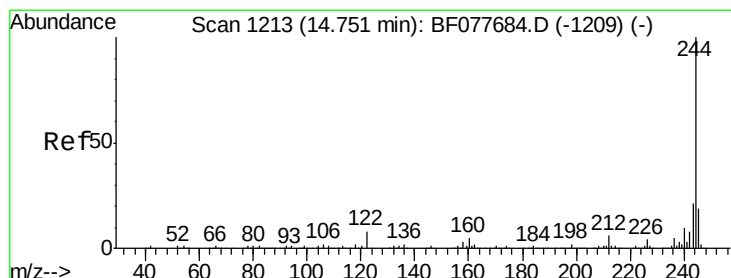
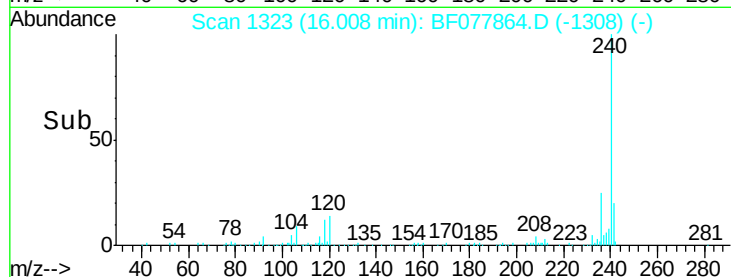
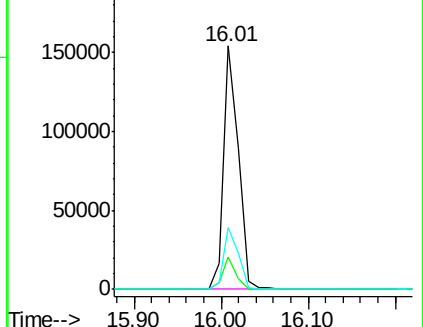
236 25.2 20.0 30.0



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: 88.51 ng

RT: 14.71 min Scan# 1209

Delta R.T. -0.06 min

Lab File: BF077684.D

Acq: 20 Mar 2015 15:38

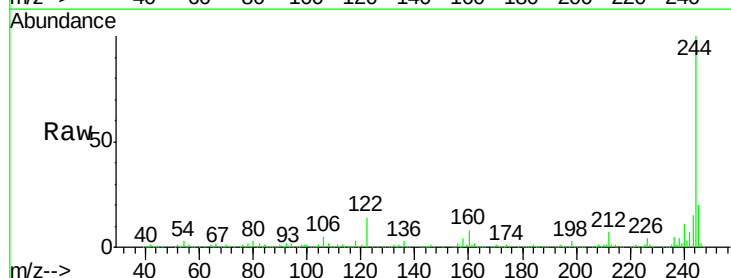
Tgt Ion:244 Resp: 671989

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

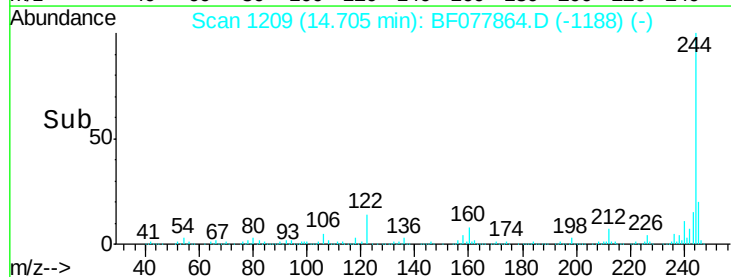
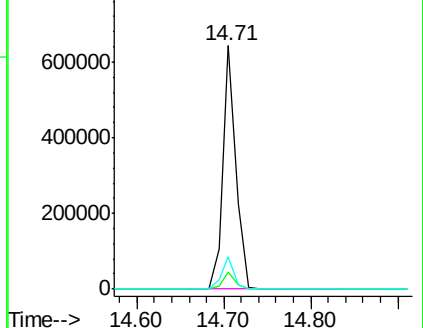
122 13.5 6.2 9.4#

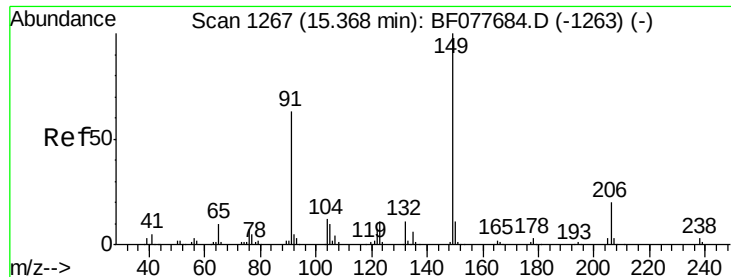


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

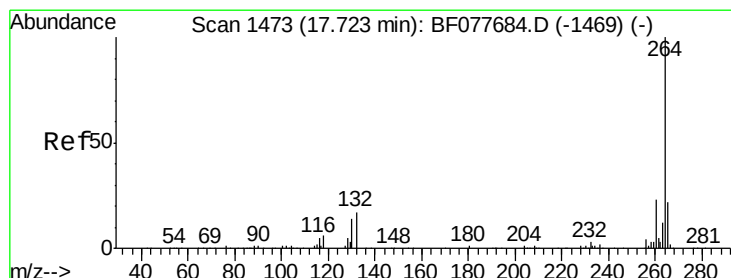
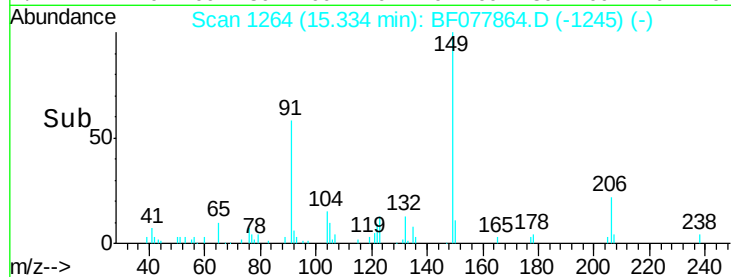
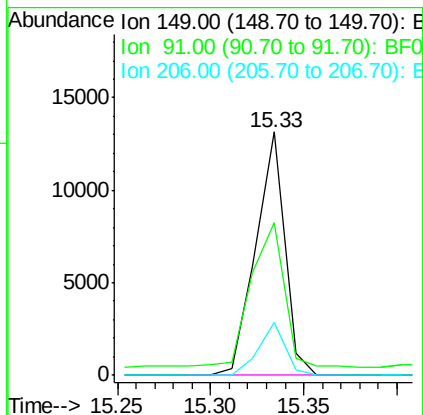
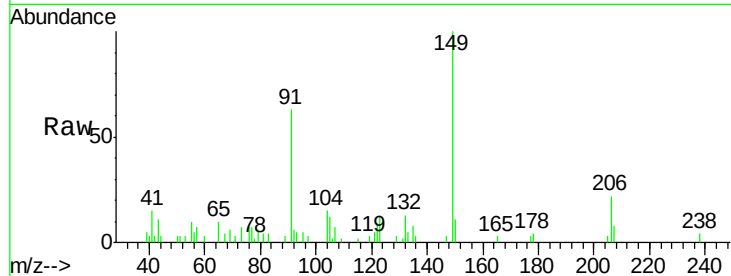




#79
Butylbenzylphthalate
Concen: 3.08 ng
RT: 15.33 min Scan# 1264
Delta R.T. -0.08 min
Lab File: BF077864.D
Acq: 20 Mar 2015 15:38

Instrument :
BNA_F
ClientSampleId :
MW-12

Tot Ion:149 Resp: 14150
Ion Ratio Lower Upper
149 100
91 62.9 50.1 75.1
206 21.5 16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1482
Delta R.T. -0.27 min
Lab File: BF077864.D
Acq: 20 Mar 2015 15:38

Tgt Ion:264 Resp: 180875
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.1 17.3 25.9

