

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088869.D
 Acq On : 9 Jul 2016 14:13
 Operator : UM/SJ
 Sample : H3813-28
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW004-01

Quant Time: Jul 11 04:34:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

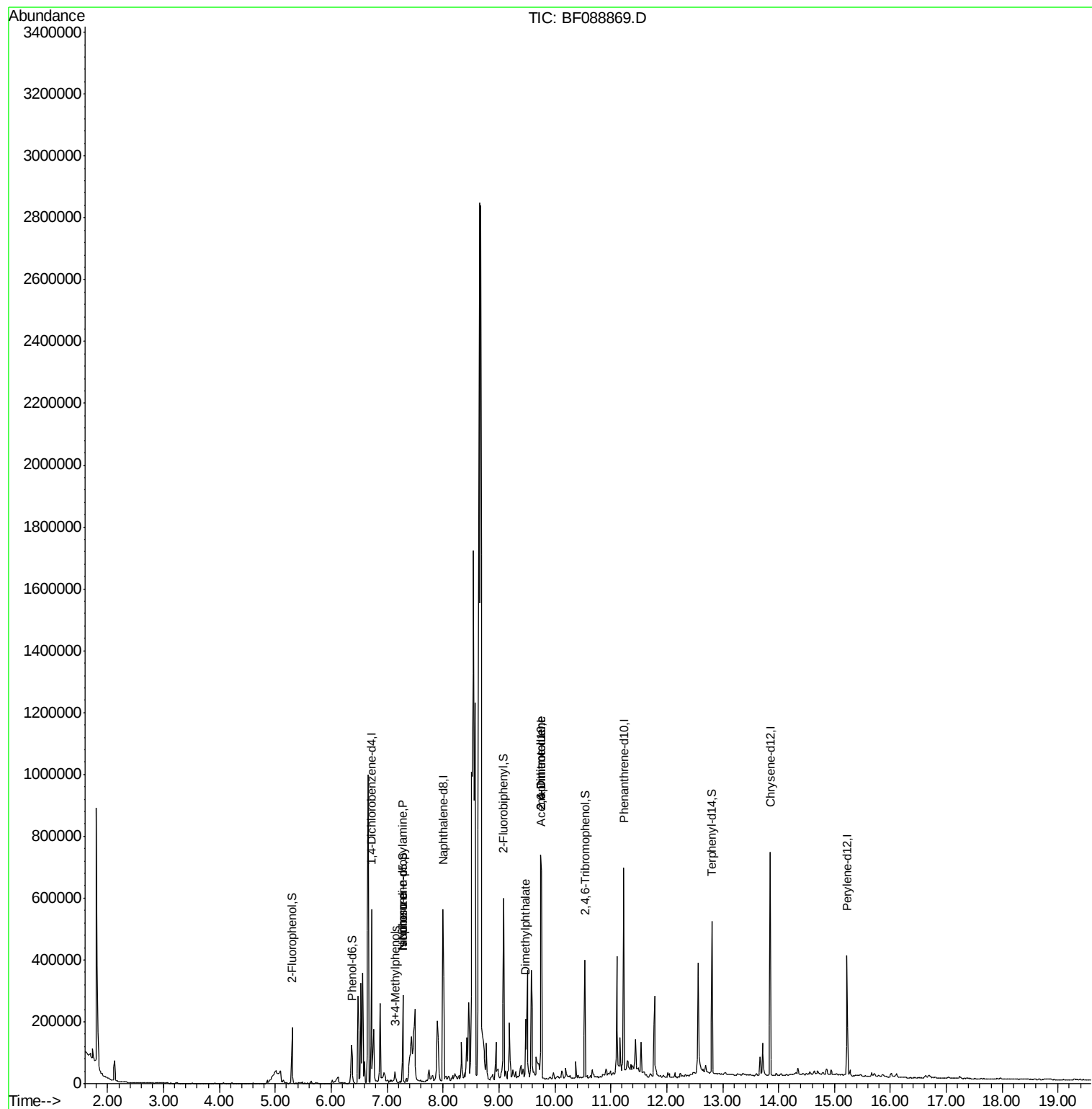
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	79848	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	318615	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	157649	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	320399	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	222399	20.00	ng	-0.02
86) Perylene-d12	15.22	264	163094	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	60524	11.36	ng	-0.02
7) Phenol-d6	6.36	99	63917	9.28	ng	-0.01
23) Nitrobenzene-d5	7.28	82	87130	14.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	45080	30.79	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	184136	18.45	ng	-0.01
78) Terphenyl-d14	12.81	244	150958	15.12	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	11810	2.55	ng	# 72
20) 3+4-Methylphenols	7.14	107	17088	3.05	ng	# 73
25) Isophorone	7.28	82	72305	6.42	ng	# 65
49) Dimethylphthalate	9.47	163	65792	5.86	ng	99
50) 2,6-Dinitrotoluene	9.75	165	20128	8.09	ng	# 87
56) 2,4-Dinitrotoluene	9.75	165	20128	6.18	ng	# 77

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

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BNA_F

ClientSampleId :

P001-WW004-01

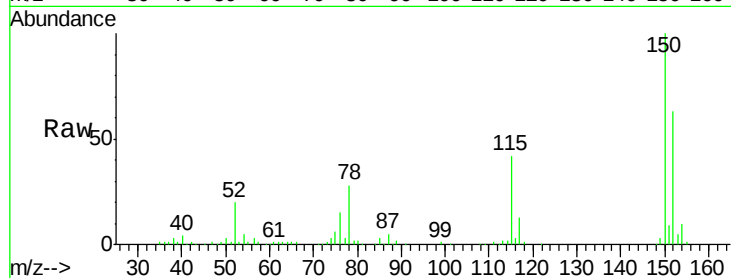
Tgt Ion:152 Resp: 79848

Ion Ratio Lower Upper

152 100

150 157.9 123.8 185.6

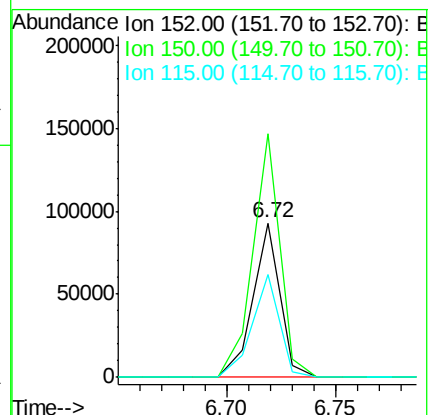
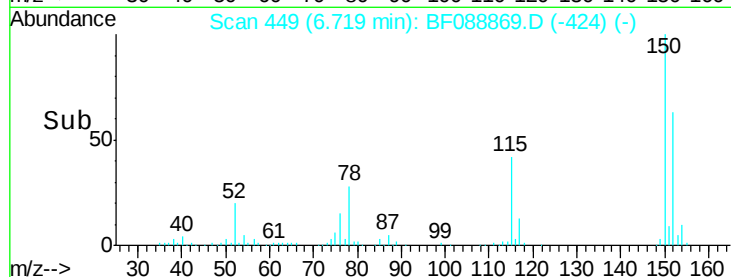
115 66.3 39.6 59.4#



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: 11.36 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

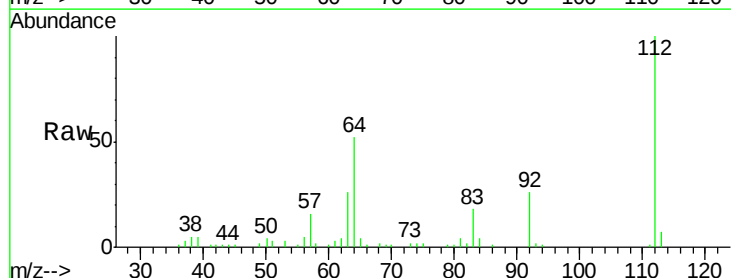
Tgt Ion:112 Resp: 60524

Ion Ratio Lower Upper

112 100

64 51.6 42.2 63.2

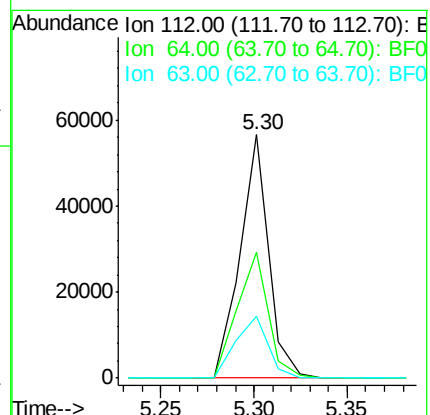
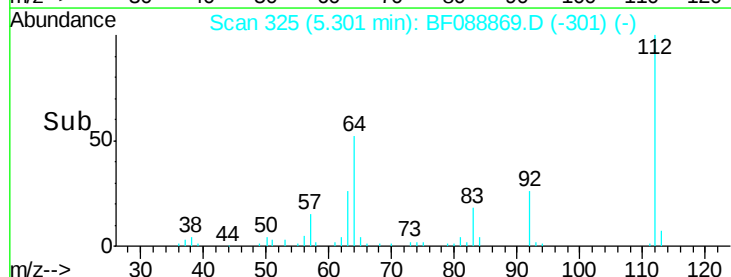
63 25.6 21.8 32.8



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: 9.28 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

Instrument :

BNA_F

ClientSampleId :

P001-WW004-01

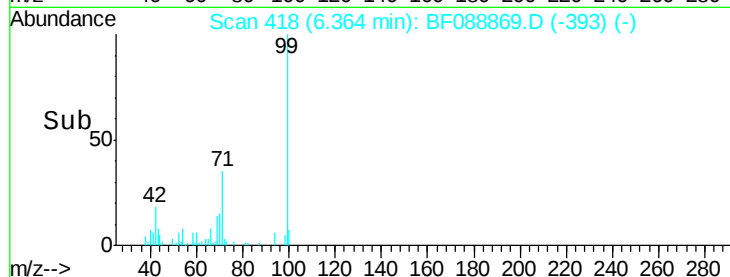
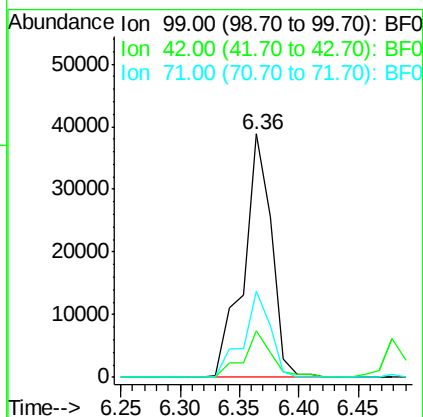
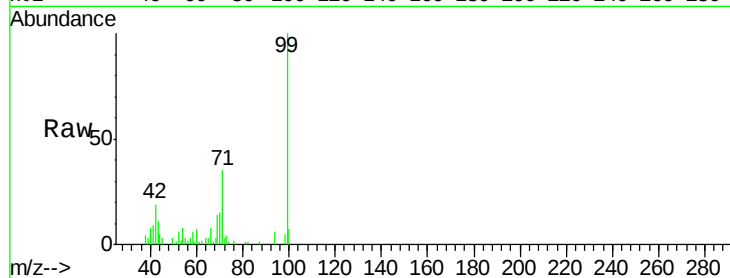
Tgt Ion: 99 Resp: 63917

Ion Ratio Lower Upper

99 100

42 19.4 12.2 18.2#

71 35.4 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 2.55 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.11 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

Tgt Ion: 70 Resp: 11810

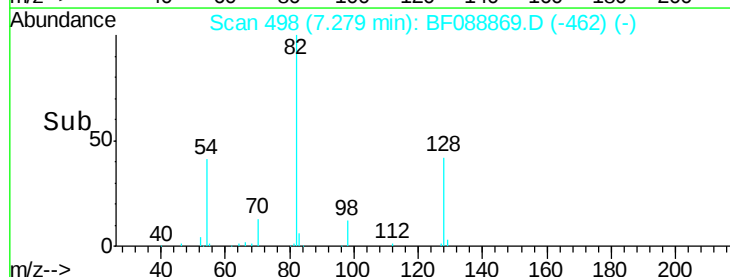
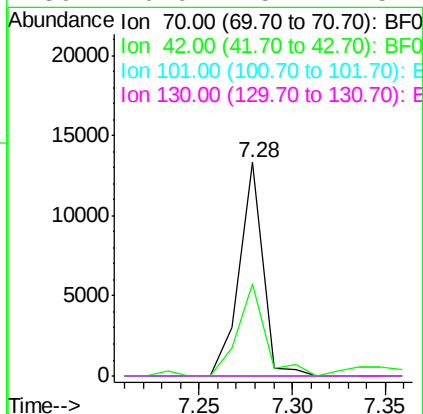
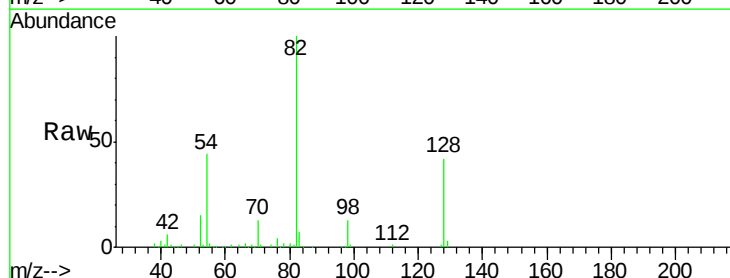
Ion Ratio Lower Upper

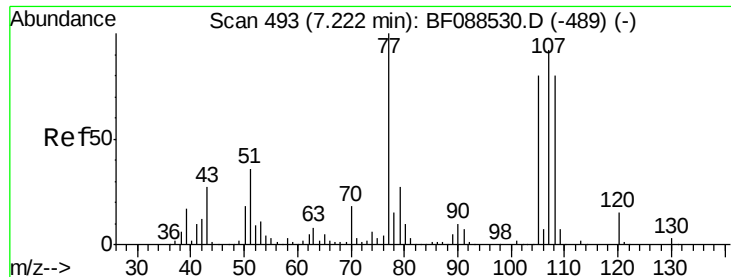
70 100

42 43.1 49.6 74.4#

101 0.0 7.1 10.7#

130 0.0 15.4 23.2#

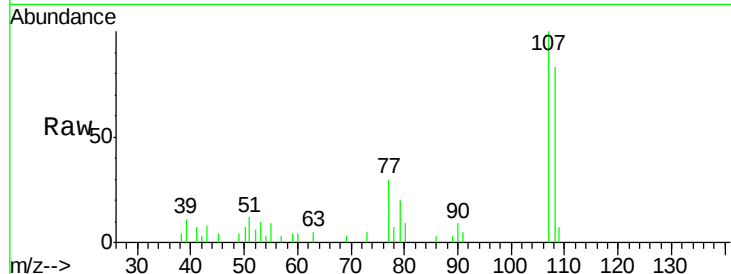




#20
3+4-Methylphenols
Concen: 3.05 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF088869.D
Acq: 9 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
P001-WW004-01

Tgt Ion:	107	Resp:	17088
Ion	Ratio	Lower	Upper
107	100		
108	82.7	67.8	107.8
77	30.0	59.3	99.3#
79	20.4	7.0	47.0



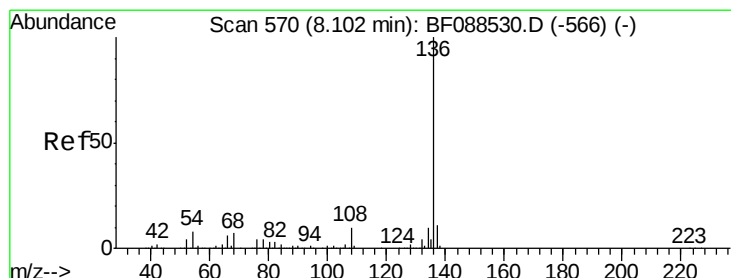
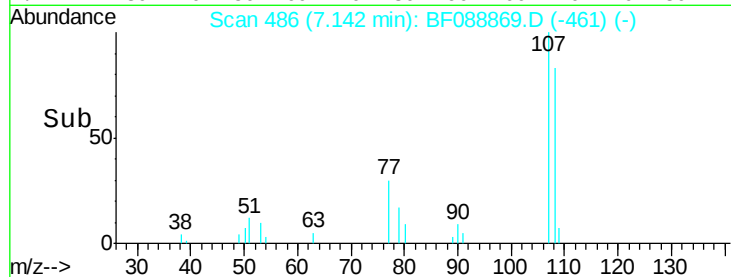
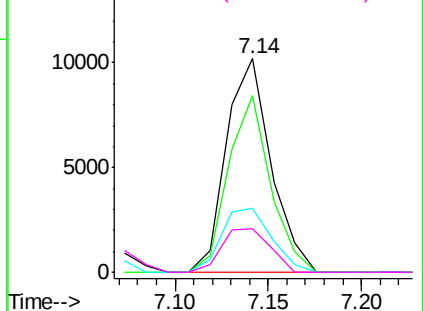
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF088869.D
Acq: 9 Jul 2016 14:13

Tgt Ion:	136	Resp:	318615
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.9	6.6	10.0
68	7.3	5.1	7.7

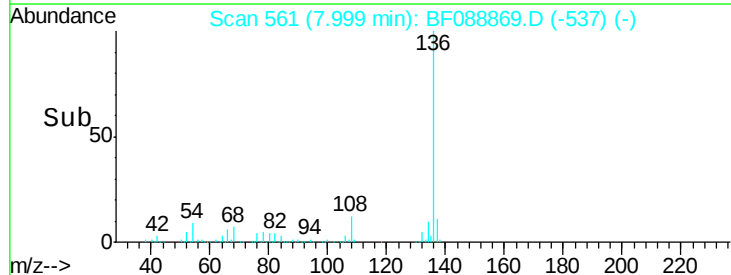
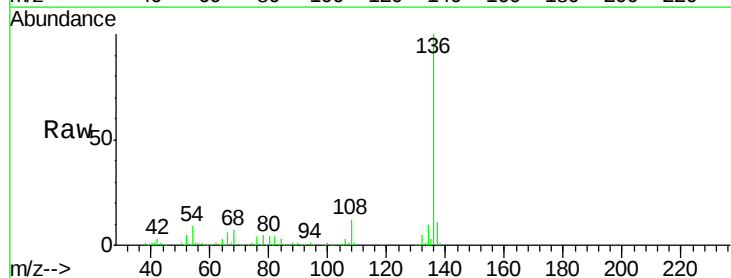
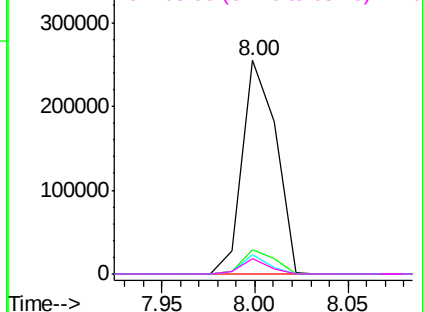
Abundance

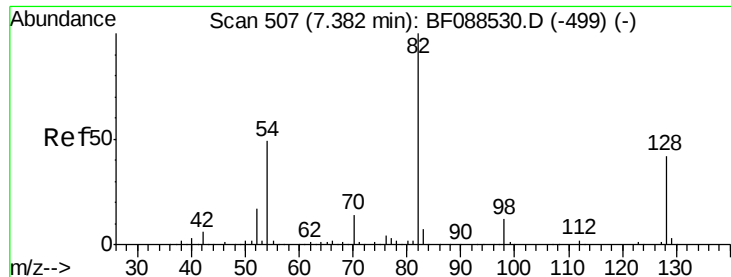
Ion 136.00 (135.70 to 136.70): E

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

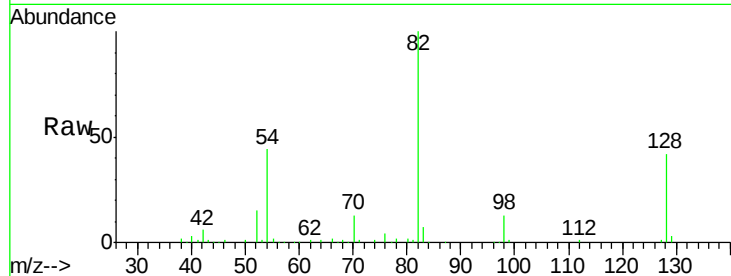




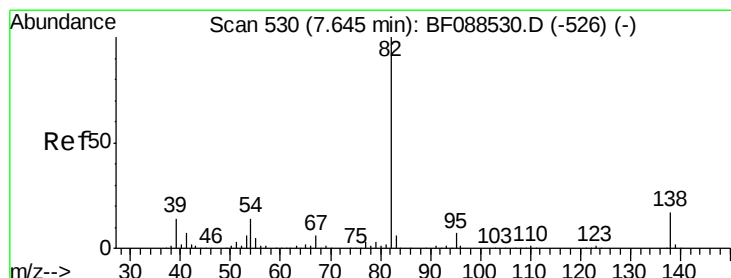
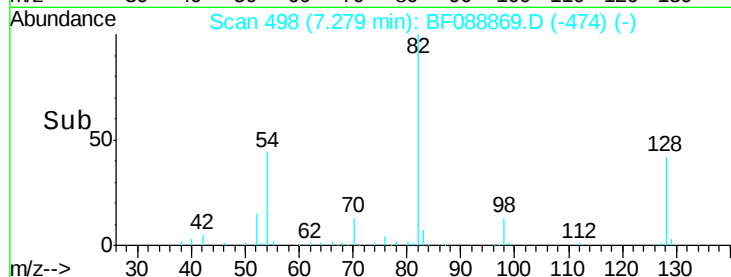
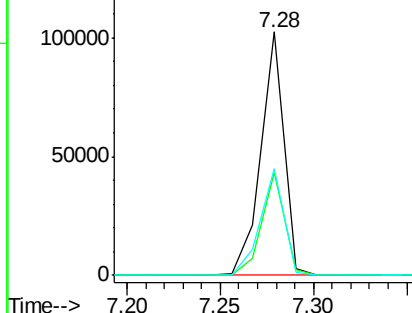
#23
 Nitrobenzene-d5
 Concen: 14.33 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW004-01

Tgt Ion: 82 Resp: 87130
 Ion Ratio Lower Upper
 82 100
 128 42.1 35.9 53.9
 54 44.0 40.9 61.3

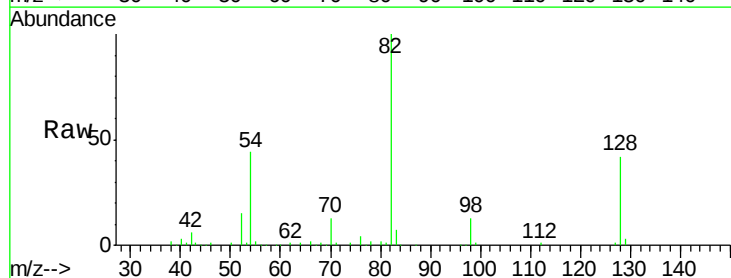


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

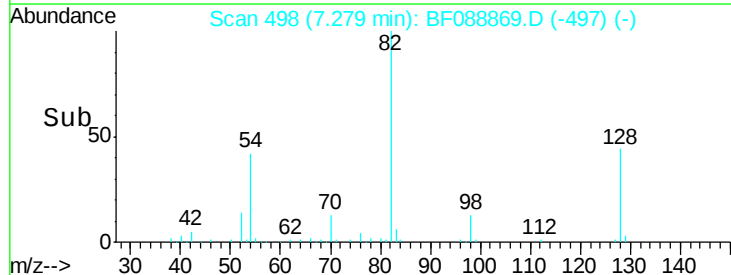
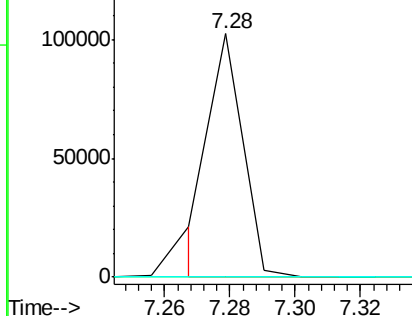


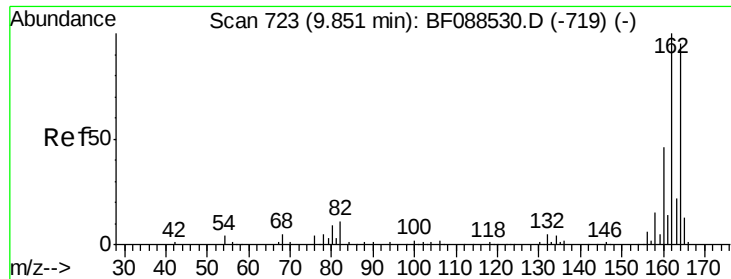
#25
 Isophorone
 Concen: 6.42 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.29 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

Tgt Ion: 82 Resp: 72305
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

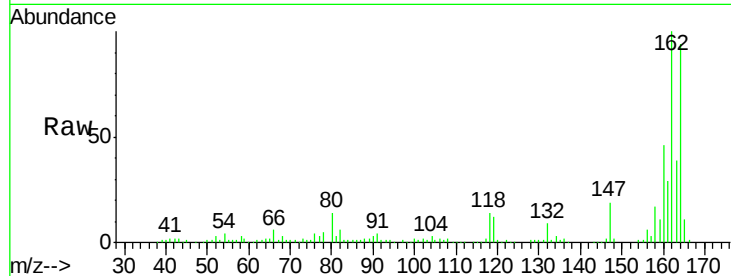




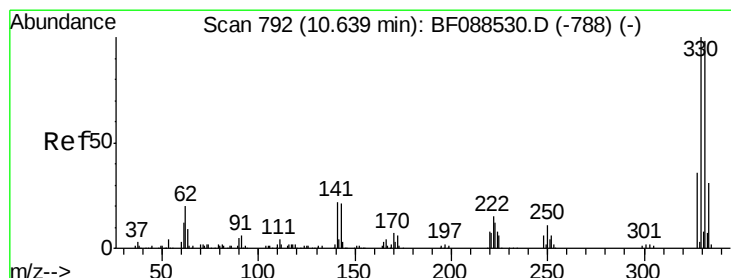
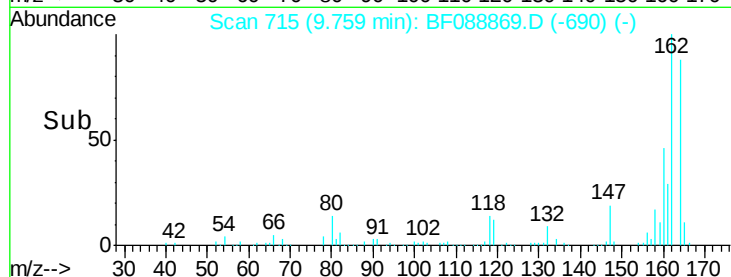
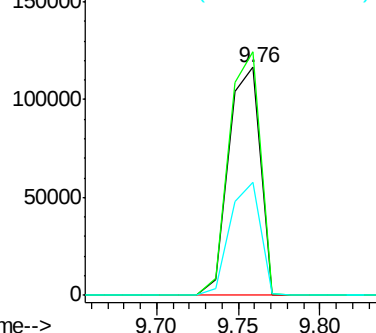
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW004-01

Tgt Ion:164 Resp: 157649
 Ion Ratio Lower Upper
 164 100
 162 106.9 85.4 128.2
 160 49.6 39.5 59.3

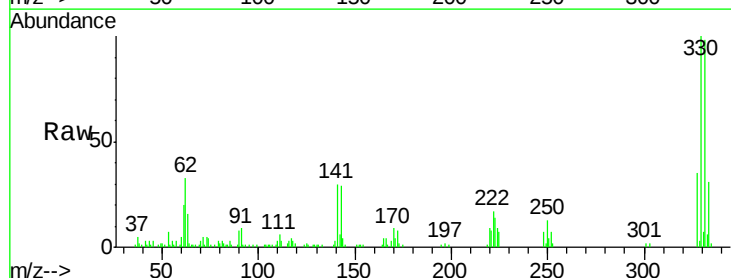


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

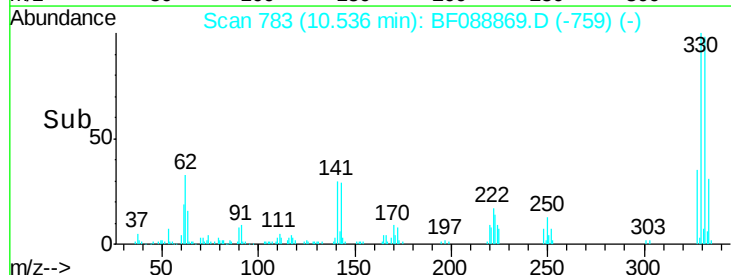
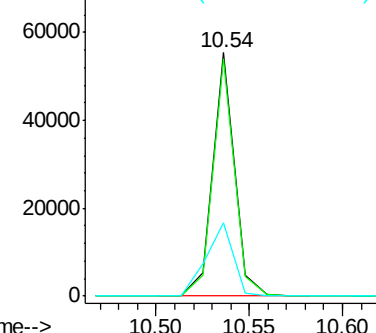


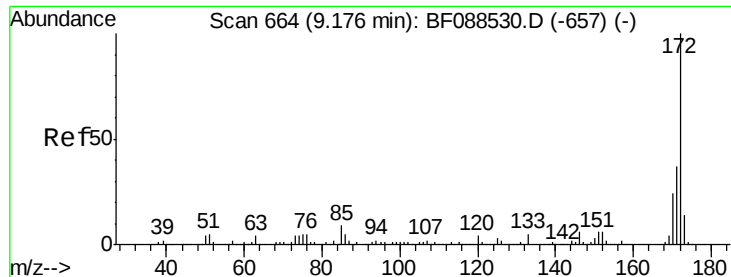
#41
 2,4,6-Tribromophenol
 Concen: 30.79 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

Tgt Ion:330 Resp: 45080
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 37.7 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

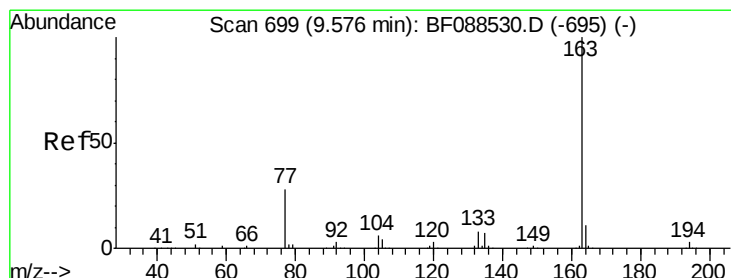
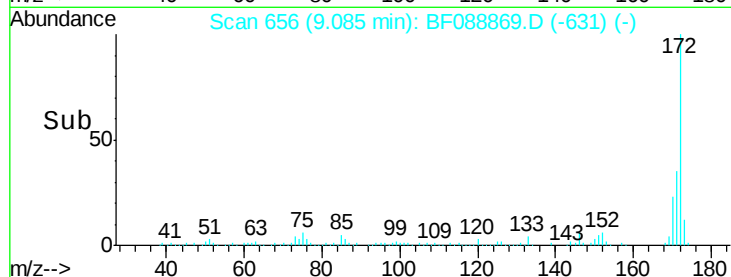
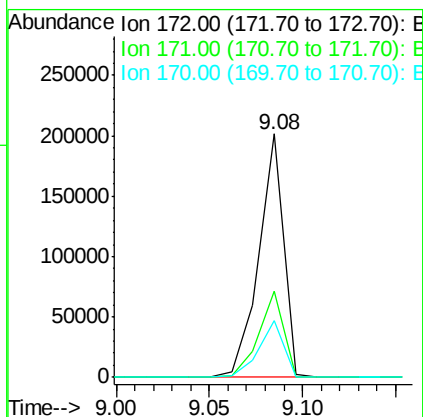
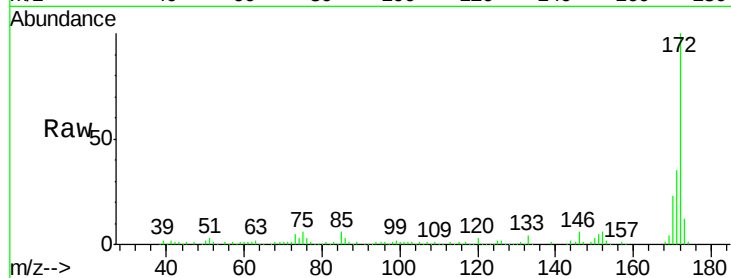




#44
 2-Fluorobiphenyl
 Concen: 18.45 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

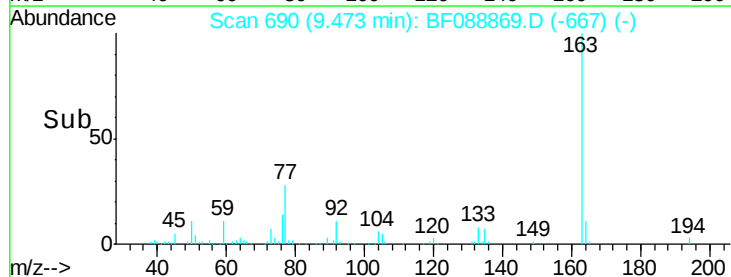
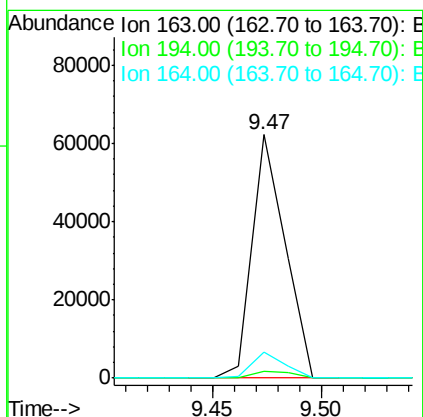
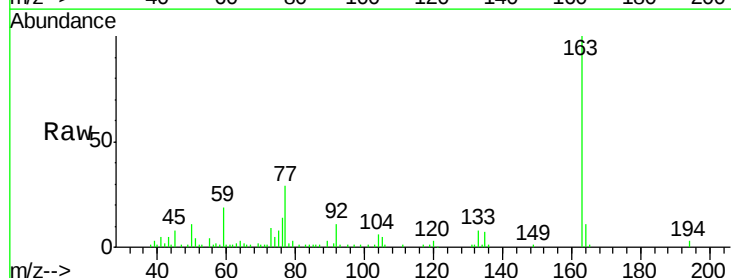
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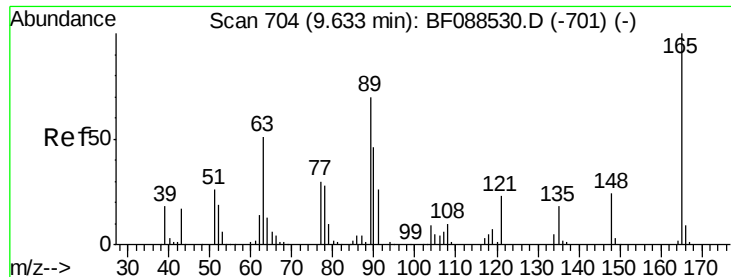
Tgt Ion:172 Resp: 184136
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.0 19.2 28.8



#49
 Dimethylphthalate
 Concen: 5.86 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

Tgt Ion:163 Resp: 65792
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.8 4.2
 164 10.8 8.3 12.5

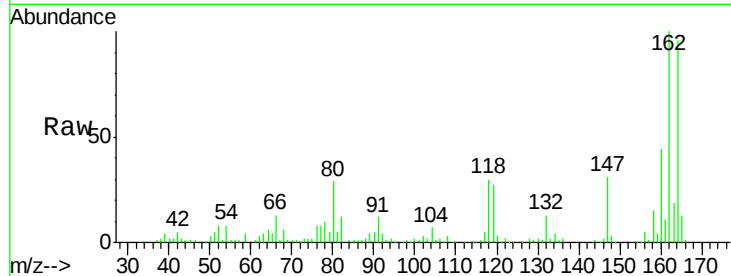




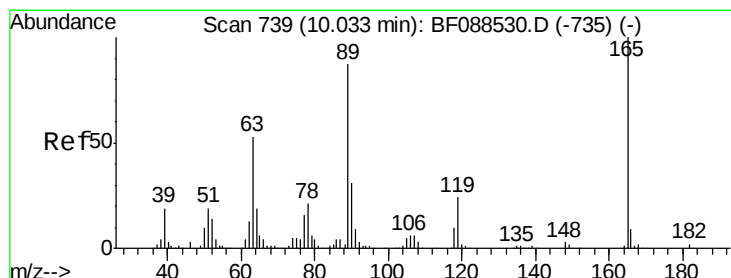
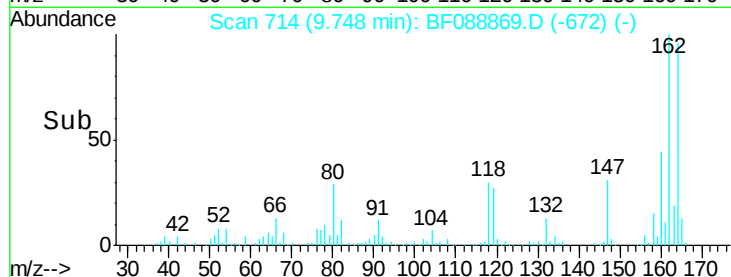
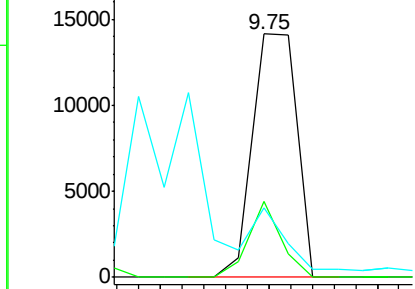
#50
 2,6-Dinitrotoluene
 Concen: 8.09 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.18 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW004-01

Tgt Ion:165 Resp: 20128
 Ion Ratio Lower Upper
 165 100
 63 31.1 28.1 42.1
 89 28.7 32.2 48.2#



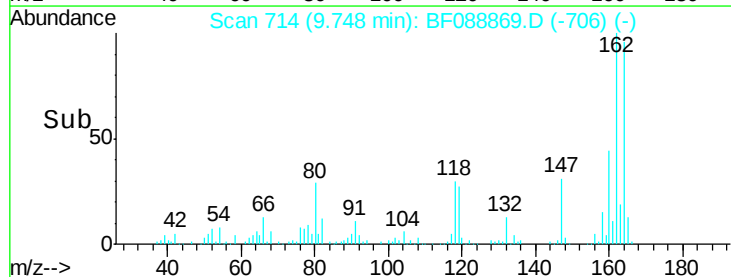
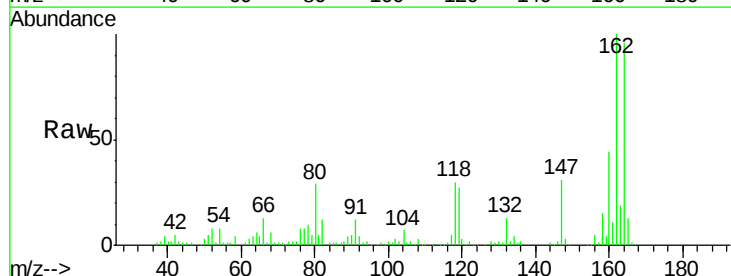
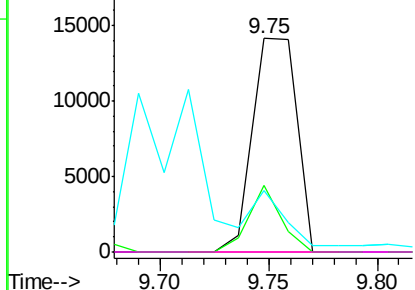
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

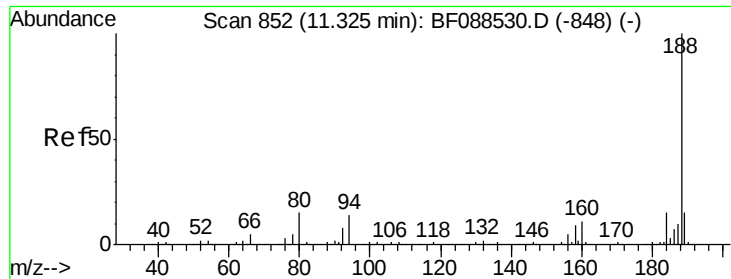


#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.21 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

Tgt Ion:165 Resp: 20128
 Ion Ratio Lower Upper
 165 100
 63 31.1 22.0 33.0
 89 28.7 41.1 61.7#
 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

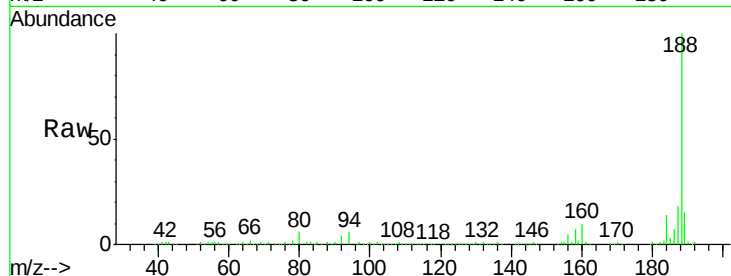




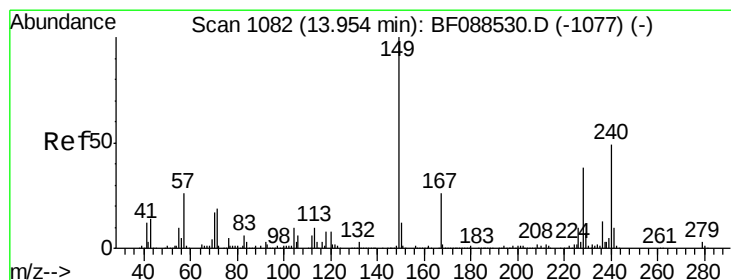
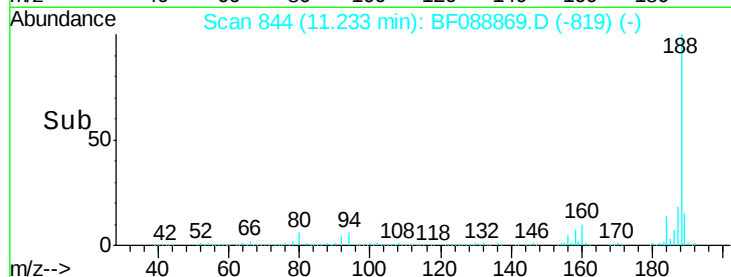
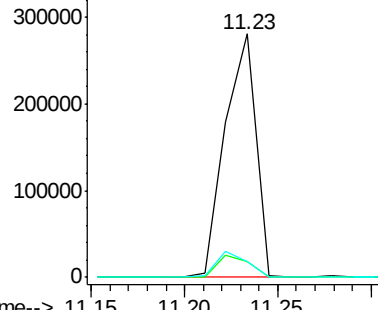
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088869.D
Acq: 9 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
P001-WW004-01

Tgt Ion:188 Resp: 320399
Ion Ratio Lower Upper
188 100
94 6.3 9.0 13.6#
80 6.3 10.0 15.0#

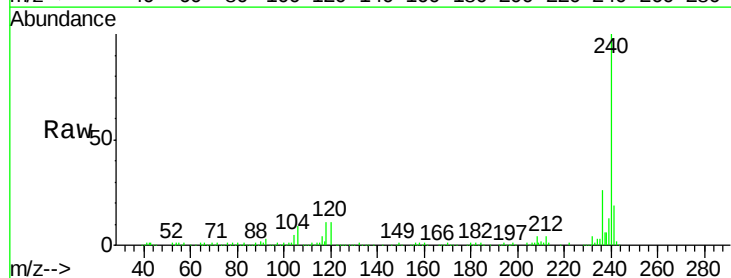


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

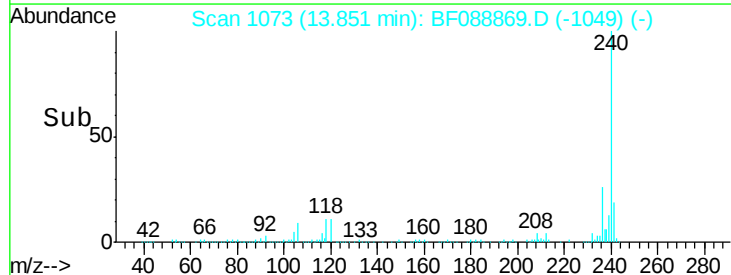
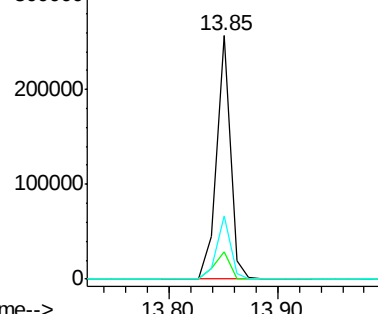


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088869.D
Acq: 9 Jul 2016 14:13

Tgt Ion:240 Resp: 222399
Ion Ratio Lower Upper
240 100
120 11.4 6.8 10.2#
236 25.9 20.2 30.2



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

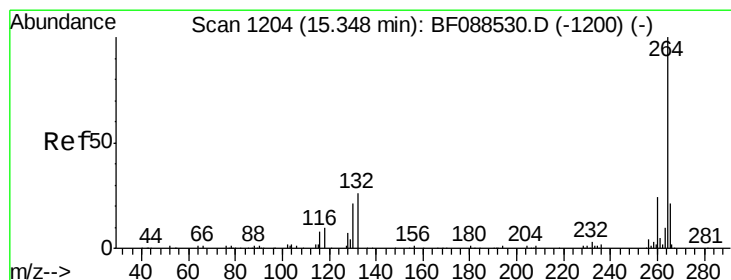
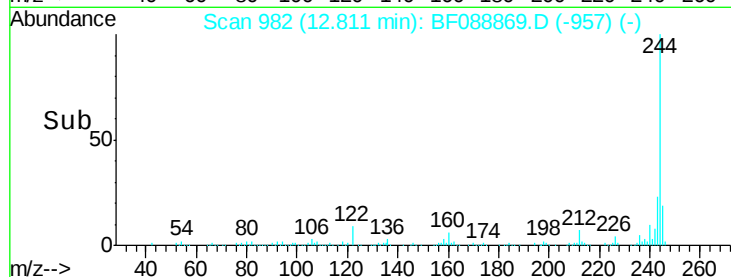
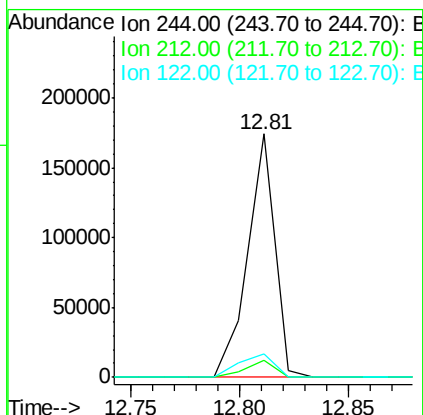
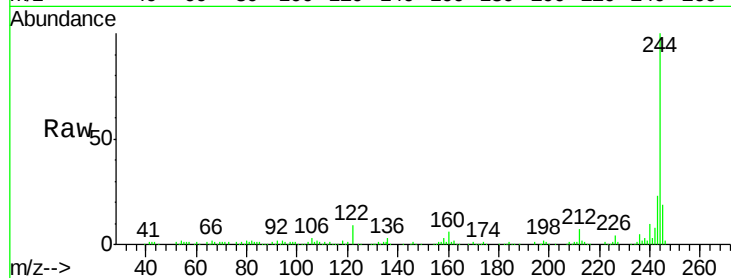




#78
 Terphenyl-d14
 Concen: 15.12 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW004-01

Tgt Ion:244 Resp: 150958
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.5 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

Tgt Ion:264 Resp: 163094
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 16.9 25.3

