

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090780.D
 Acq On : 22 Oct 2016 23:21
 Operator : UM/SJ
 Sample : H5343-11
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-16.5-17.0

Quant Time: Oct 24 00:57:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

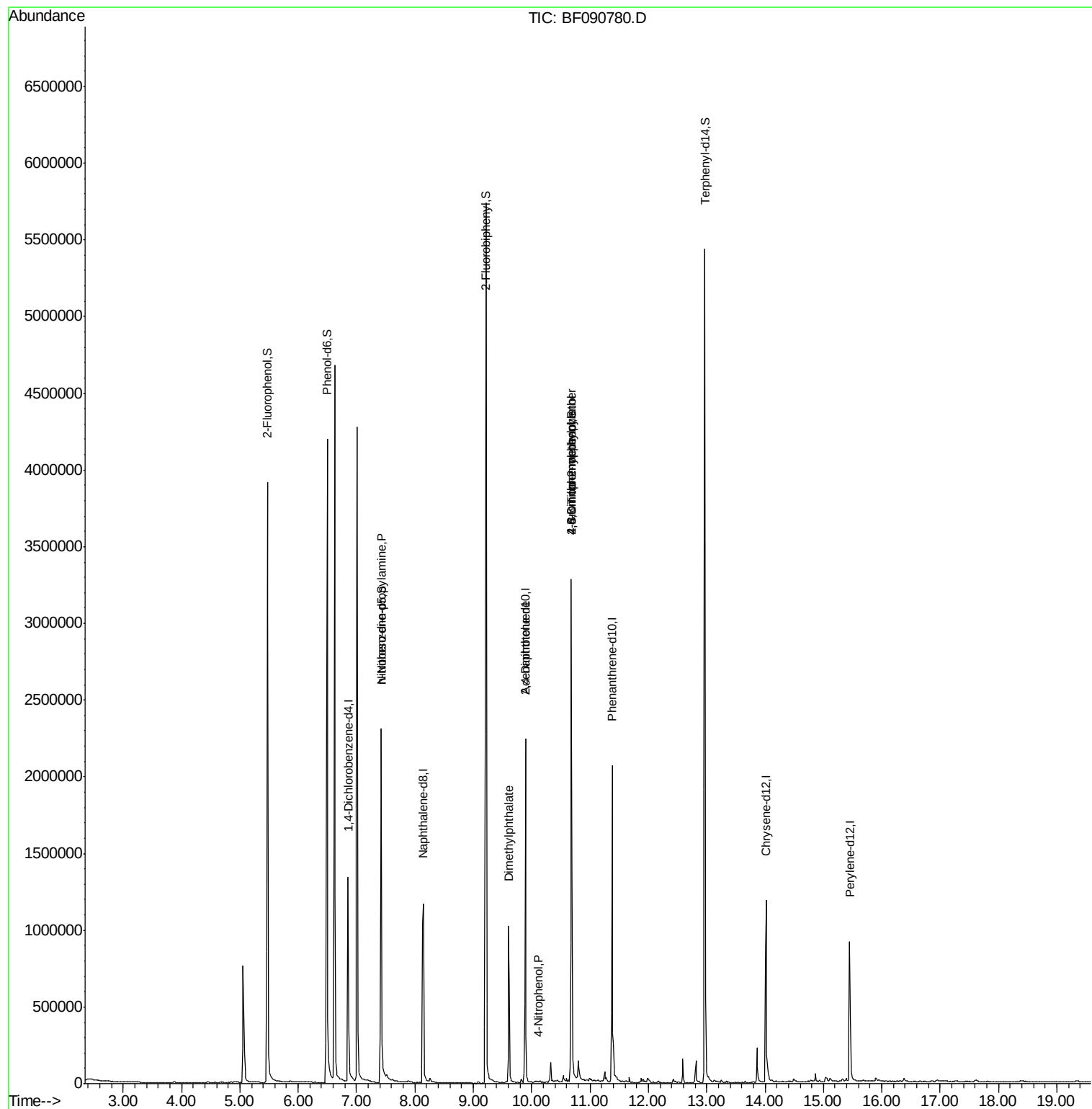
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	237261	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	933660	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	515149	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	852157	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	597000	20.00	ng	0.00
86) Perylene-d12	15.45	264	426991	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1751494	119.05	ng	0.01
7) Phenol-d6	6.50	99	2085946	104.68	ng	0.00
23) Nitrobenzene-d5	7.42	82	1359932	79.89	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	576482	141.39	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2185466	65.86	ng	-0.01
78) Terphenyl-d14	12.97	244	1968451	75.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	174191	11.74	ng	# 48
49) Dimethylphthalate	9.61	163	634048	19.59	ng	# 97
55) 4-Nitrophenol	10.11	139	1048	6.13	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	66702	7.84	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	946	4.34	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	36727	4.45	ng	# 1

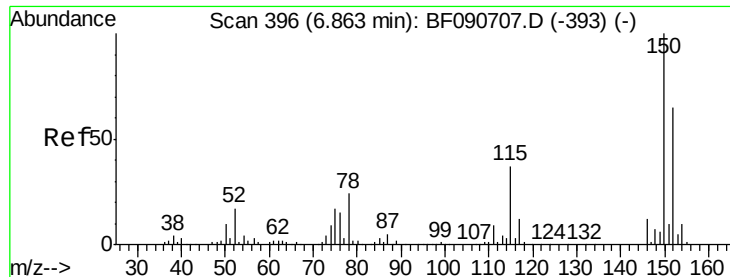
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090780.D

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Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

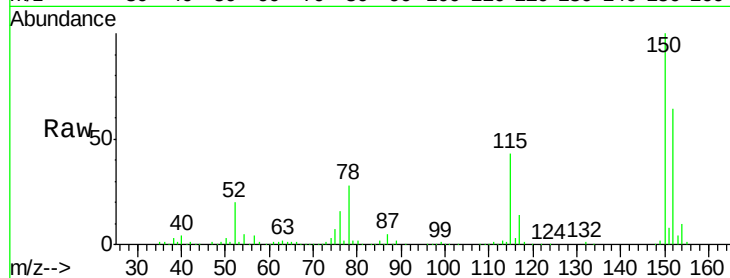
Tgt Ion:152 Resp: 237261

Ion Ratio Lower Upper

152 100

150 155.2 124.7 187.1

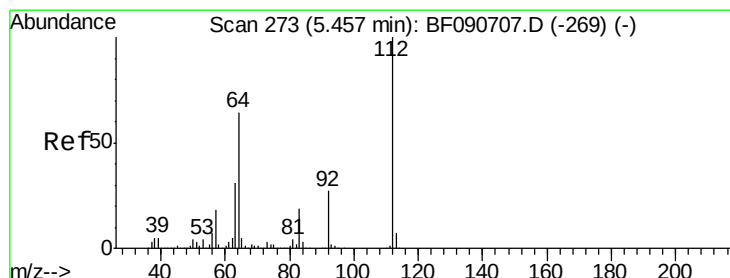
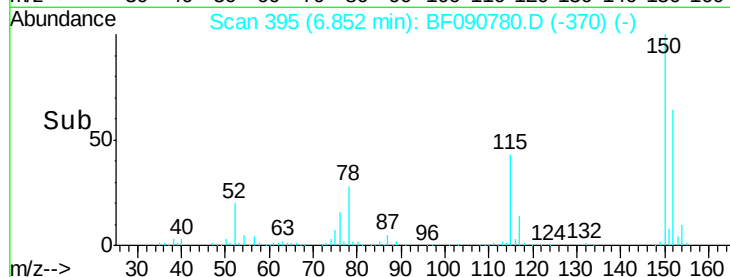
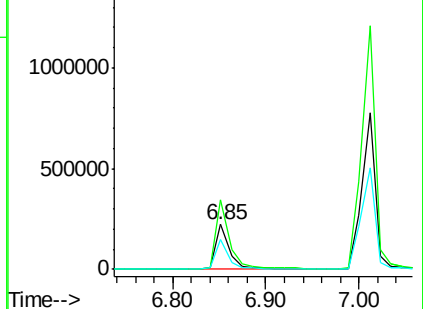
115 66.2 39.0 58.4#



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: 119.05 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090780.D

Acq: 22 Oct 2016 23:21

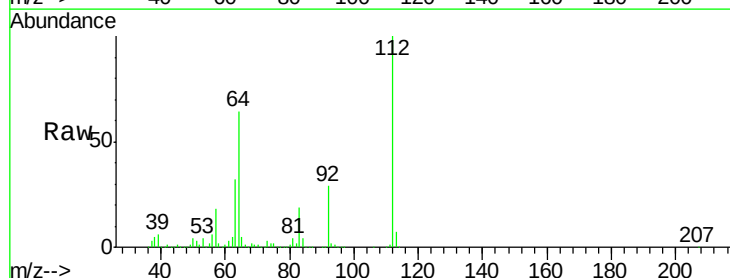
Tgt Ion:112 Resp: 1751494

Ion Ratio Lower Upper

112 100

64 63.8 39.7 59.5#

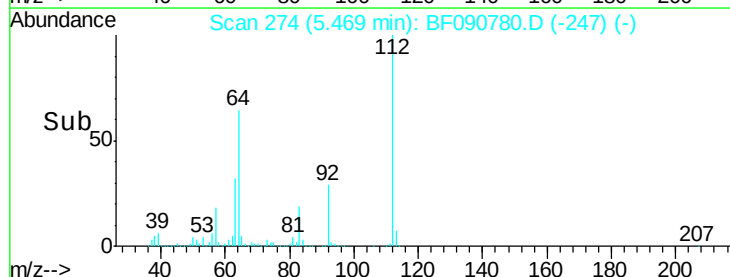
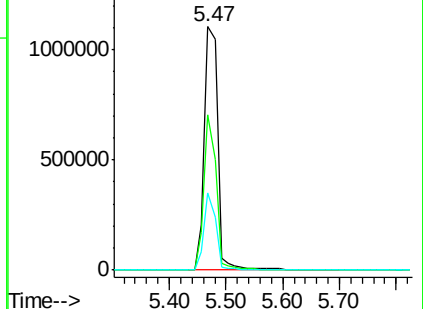
63 31.6 17.4 26.0#

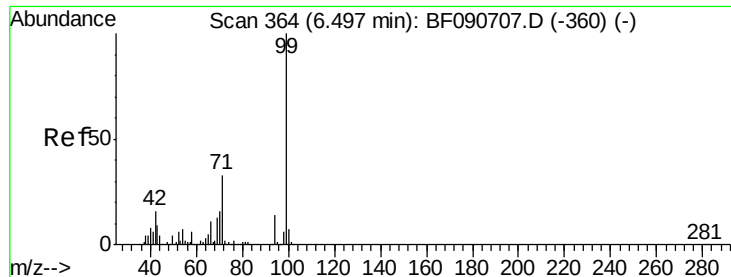


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.68 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090780.D

Acq: 22 Oct 2016 23:21

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

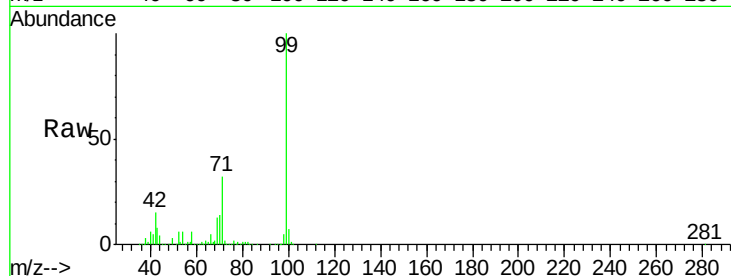
Tgt Ion: 99 Resp: 2085946

Ion Ratio Lower Upper

99 100

42 14.7 13.7 20.5

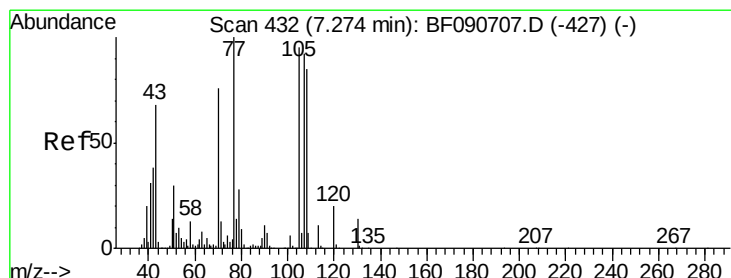
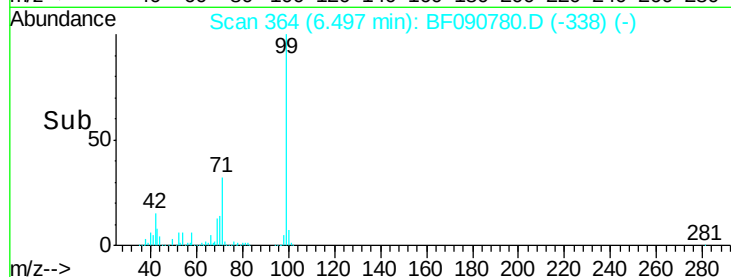
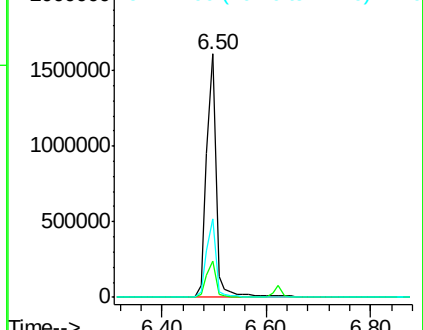
71 32.5 14.2 21.2#



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: 11.74 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090780.D

Acq: 22 Oct 2016 23:21

Tgt Ion: 70 Resp: 174191

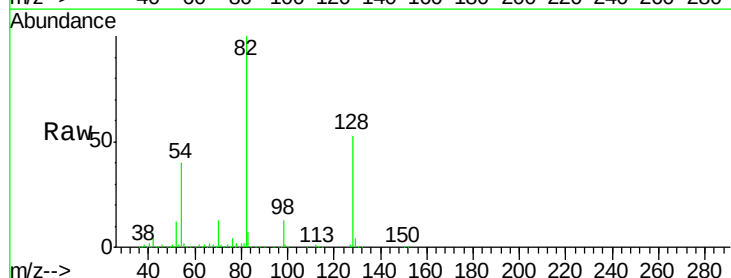
Ion Ratio Lower Upper

70 100

42 31.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.5 27.3 40.9#

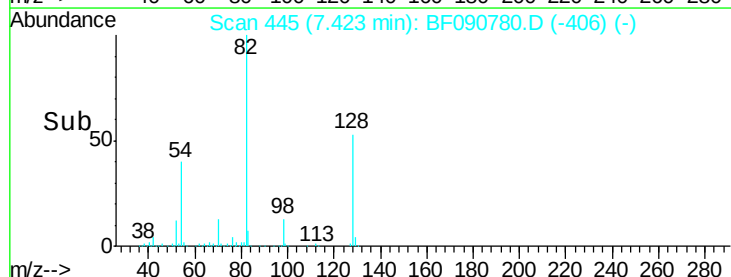
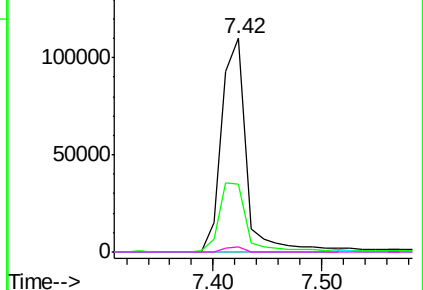


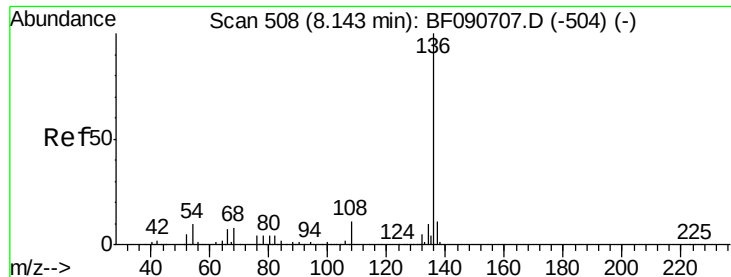
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

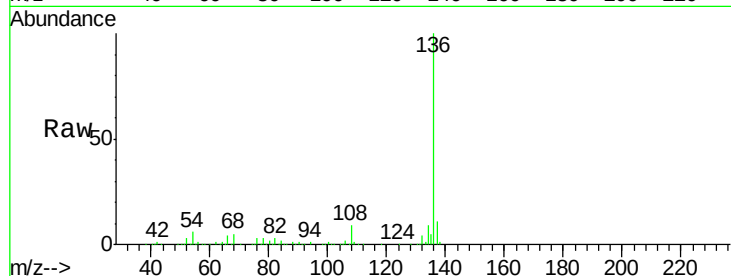




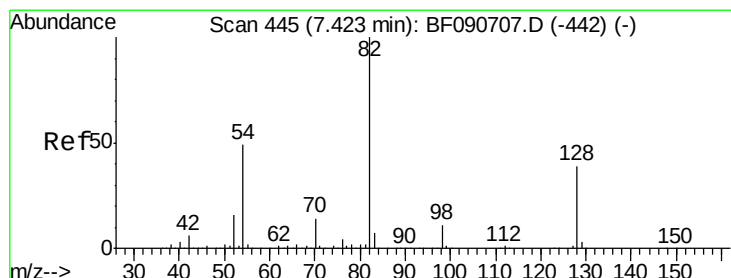
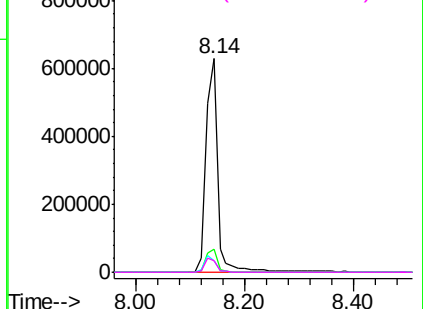
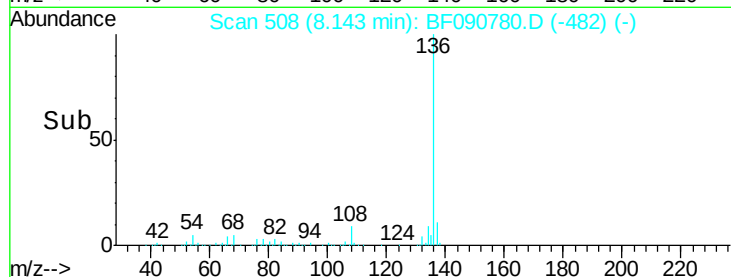
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090780.D
Acq: 22 Oct 2016 23:21

Instrument :
BNA_F
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RMAB-SB06-16.5-17.0

Tgt Ion:	136	Resp:	933660
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	5.5	8.2	12.2#
68	5.4	5.8	8.6#

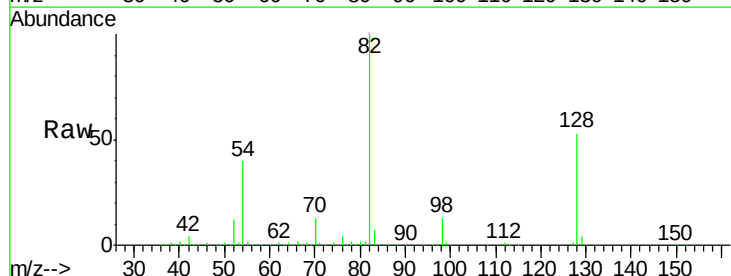


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

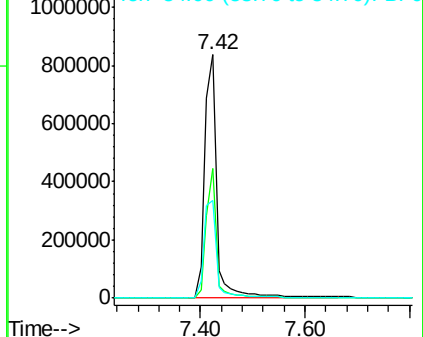
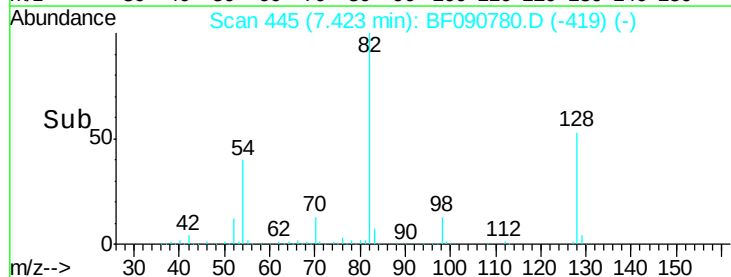


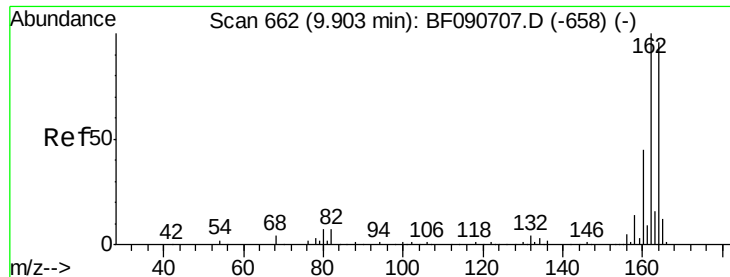
#23
Nitrobenzene-d5
Concen: 79.89 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090780.D
Acq: 22 Oct 2016 23:21

Tgt Ion:	82	Resp:	1359932
Ion	Ratio	Lower	Upper
82	100		
128	53.4	51.0	76.6
54	40.0	47.5	71.3#



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

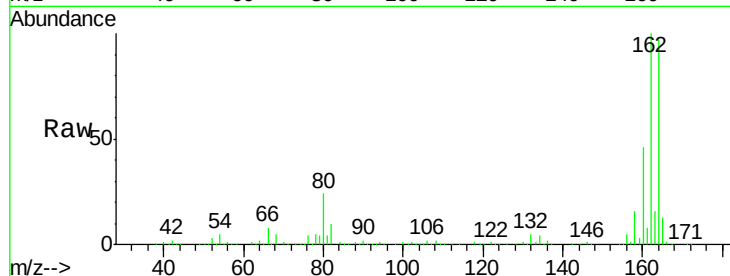




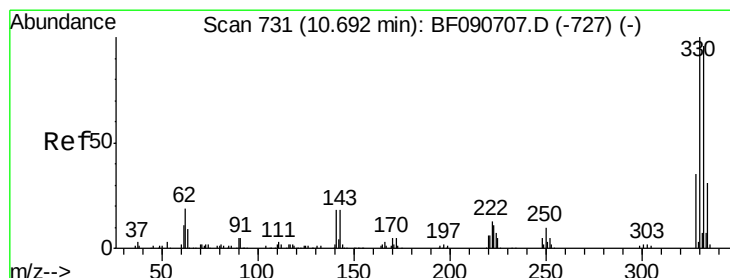
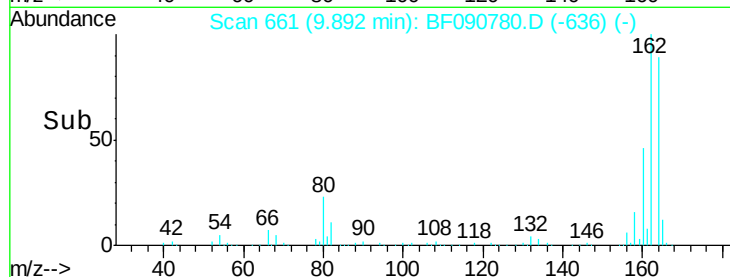
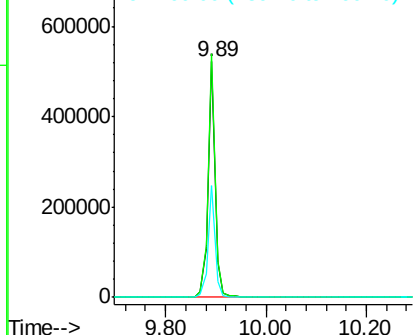
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090780.D
 Acq: 22 Oct 2016 23:21

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-16.5-17.0

Tgt Ion:164 Resp: 515149
 Ion Ratio Lower Upper
 164 100
 162 103.2 75.2 112.8
 160 47.2 31.5 47.3

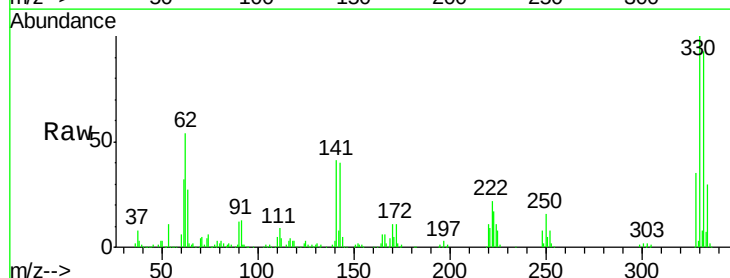


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

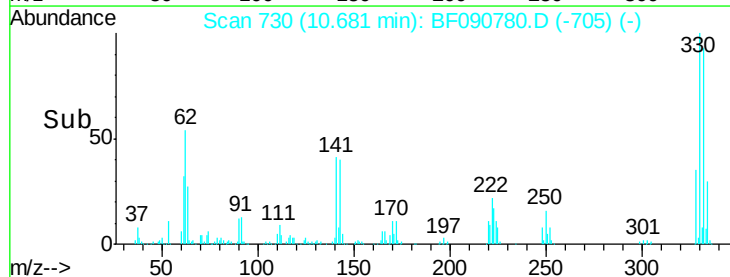
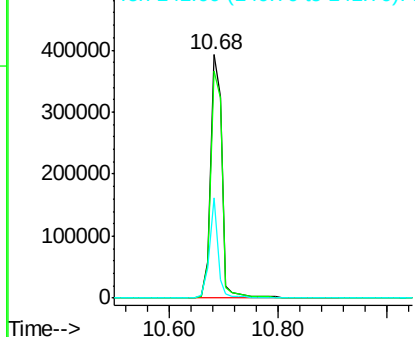


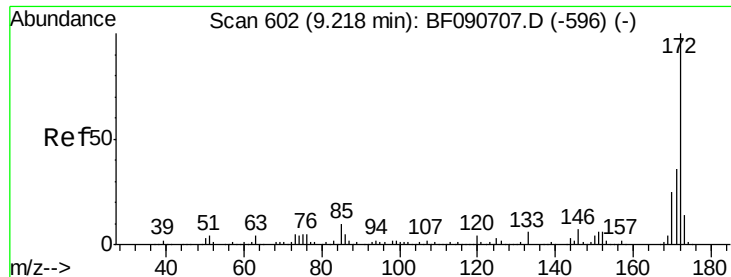
#41
 2,4,6-Tribromophenol
 Concen: 141.39 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF090780.D
 Acq: 22 Oct 2016 23:21

Tgt Ion:330 Resp: 576482
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 31.5 29.7 44.5



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

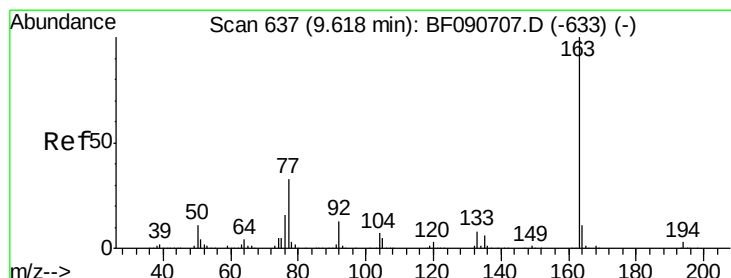
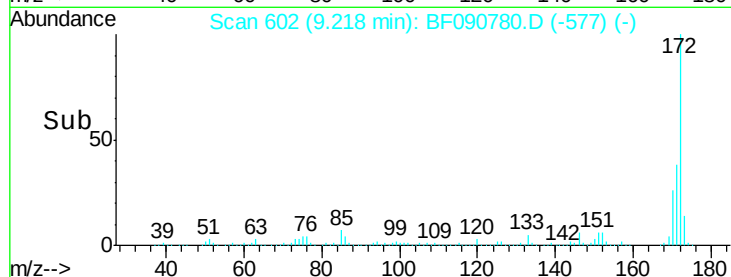
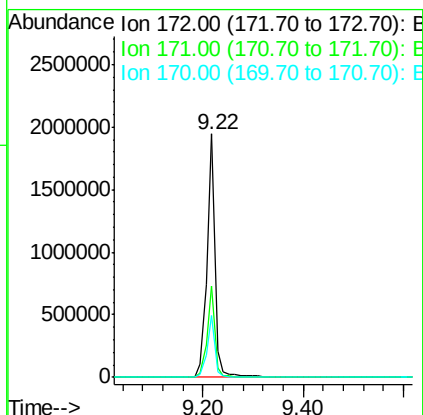
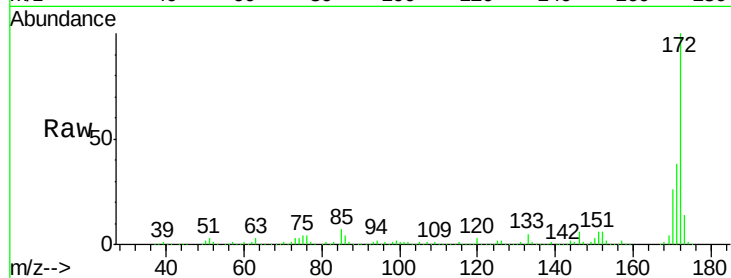




#44
 2-Fluorobiphenyl
 Concen: 65.86 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090780.D
 Acq: 22 Oct 2016 23:21

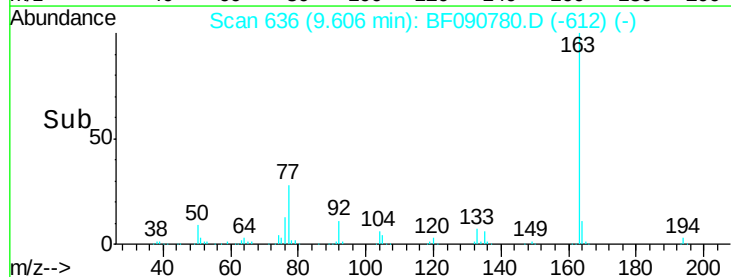
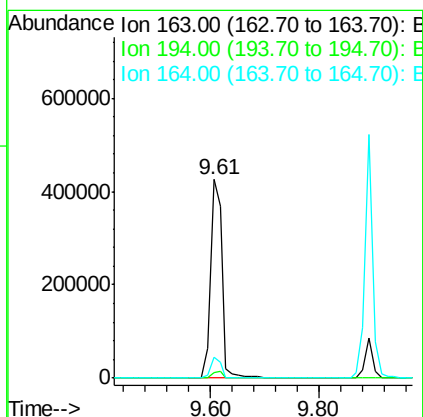
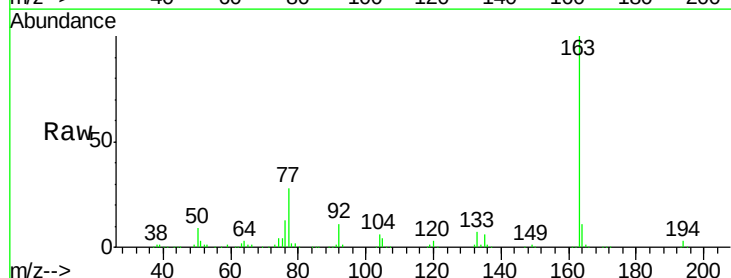
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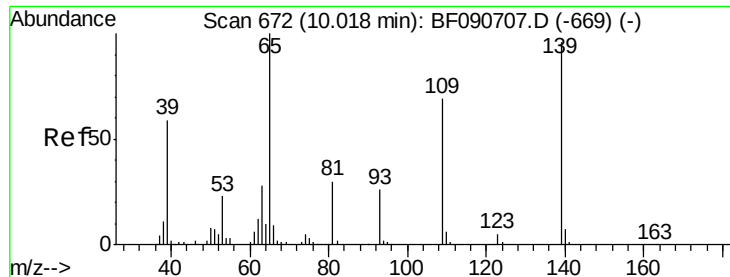
Tgt Ion:172 Resp: 2185466
 Ion Ratio Lower Upper
 172 100
 171 37.5 26.1 39.1
 170 25.7 17.4 26.2



#49
 Dimethylphthalate
 Concen: 19.59 ng
 RT: 9.61 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF090780.D
 Acq: 22 Oct 2016 23:21

Tgt Ion:163 Resp: 634048
 Ion Ratio Lower Upper
 163 100
 194 2.8 4.4 6.6#
 164 10.8 8.3 12.5

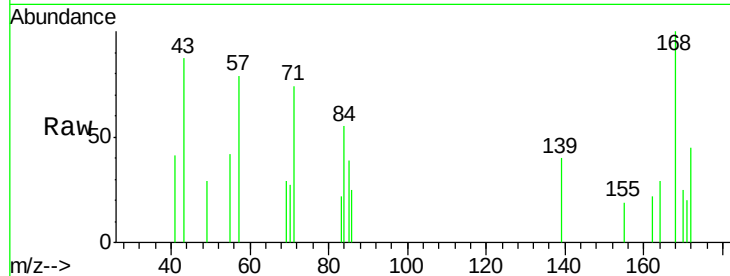




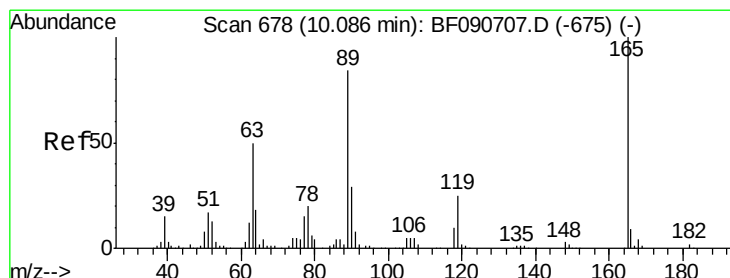
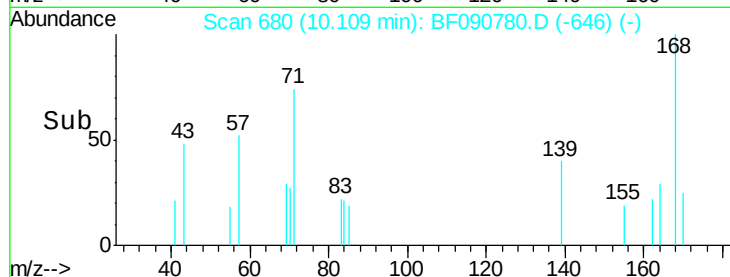
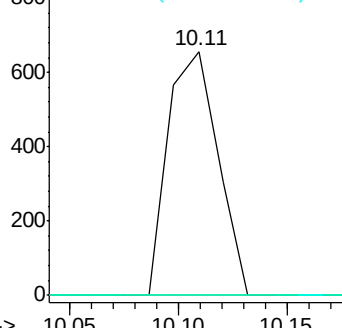
#55
4-Nitrophenol
Concen: 6.13 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.09 min
Lab File: BF090780.D
Acq: 22 Oct 2016 23:21

Instrument :
BNA_F
ClientSampleId :
RMAB-SB06-16.5-17.0

Tgt Ion:139 Resp: 1048
Ion Ratio Lower Upper
139 100
109 0.0 12.7 52.7#
65 0.0 45.9 85.9#

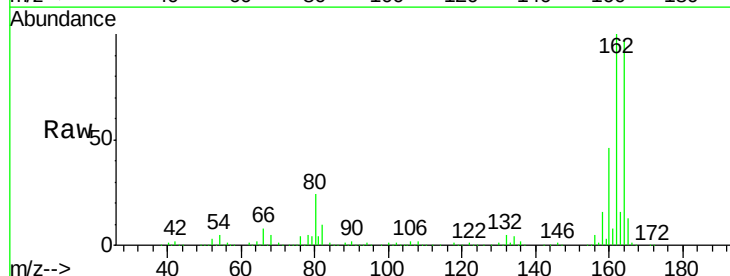


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

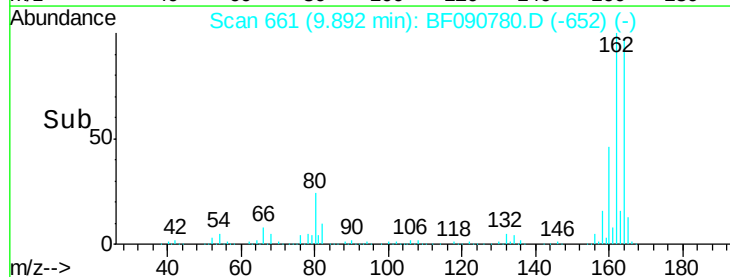
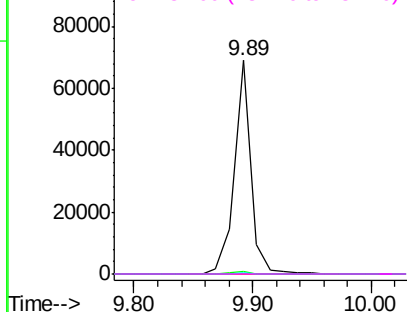


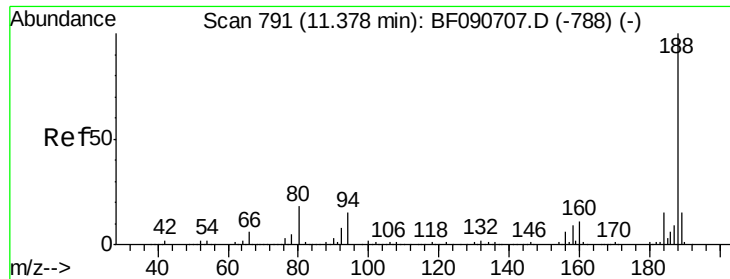
#56
2,4-Dinitrotoluene
Concen: 7.84 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090780.D
Acq: 22 Oct 2016 23:21

Tgt Ion:165 Resp: 66702
Ion Ratio Lower Upper
165 100
63 0.9 29.8 44.6#
89 0.8 44.5 66.7#
182 0.0 3.0 4.4#



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

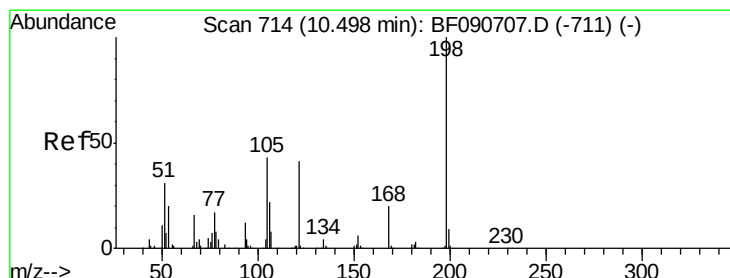
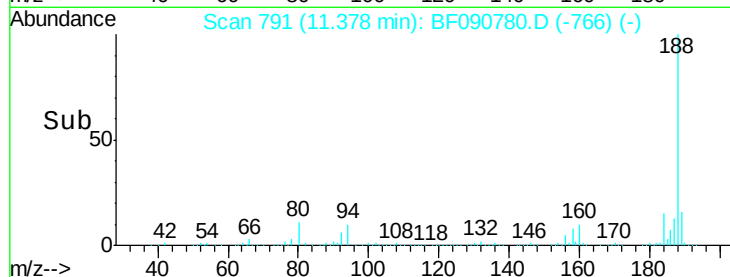
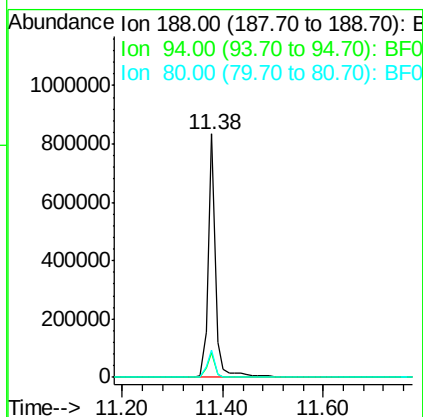
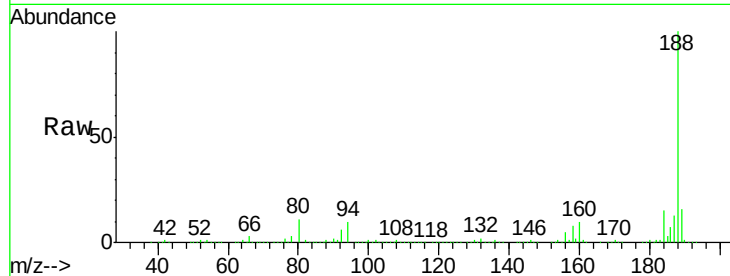




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090780.D
 Acq: 22 Oct 2016 23:21

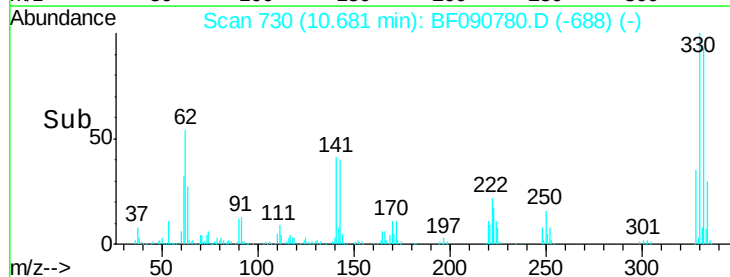
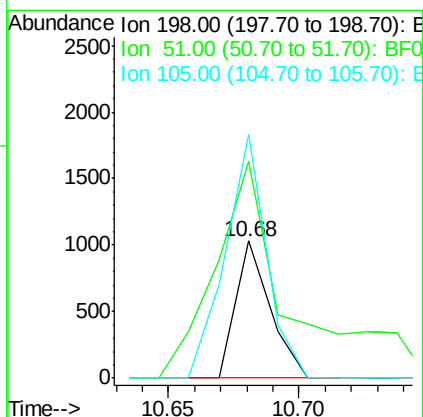
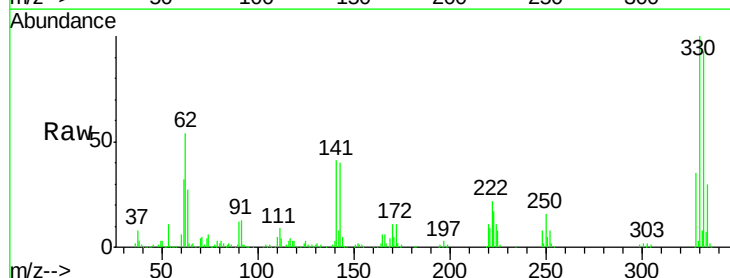
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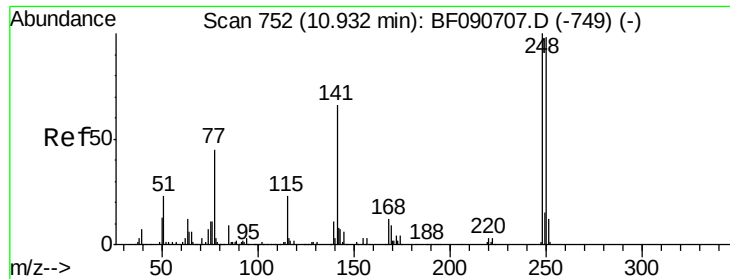
Tgt Ion:188 Resp: 852157
 Ion Ratio Lower Upper
 188 100
 94 10.3 11.1 16.7#
 80 11.0 11.0 16.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.34 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090780.D
 Acq: 22 Oct 2016 23:21

Tgt Ion:198 Resp: 946
 Ion Ratio Lower Upper
 198 100
 51 158.3 39.6 79.6#
 105 177.6 28.5 68.5#

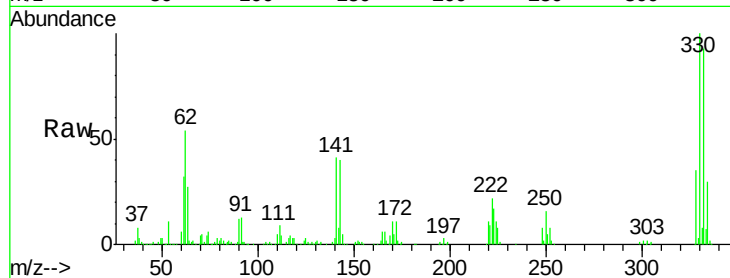




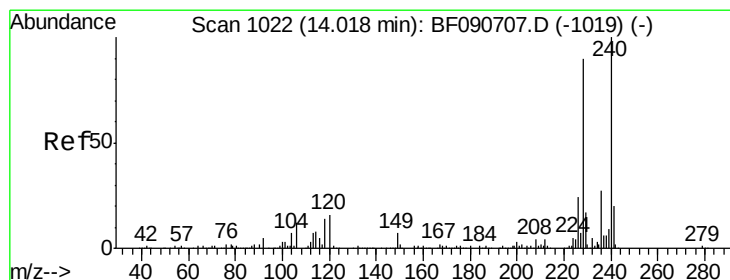
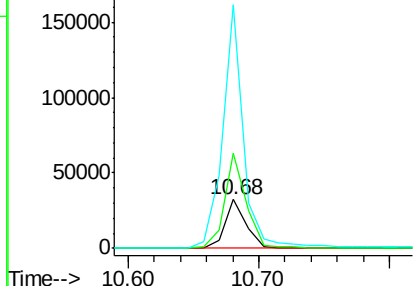
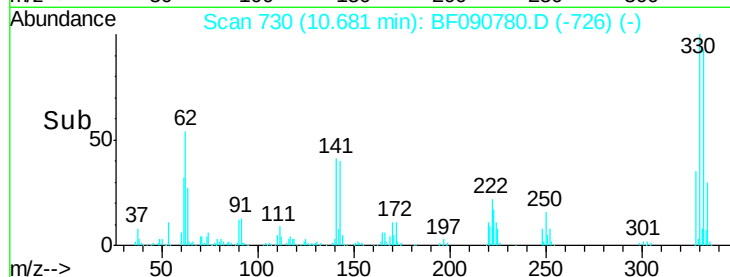
#66
 4-Bromophenyl-phenylether
 Concen: 4.45 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.25 min
 Lab File: BF090780.D
 Acq: 22 Oct 2016 23:21

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-16.5-17.0

Tgt Ion:248 Resp: 36727
 Ion Ratio Lower Upper
 248 100
 250 195.1 78.5 117.7#
 141 501.4 59.0 88.6#

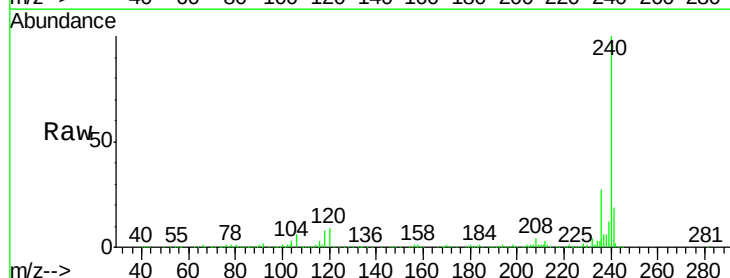


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

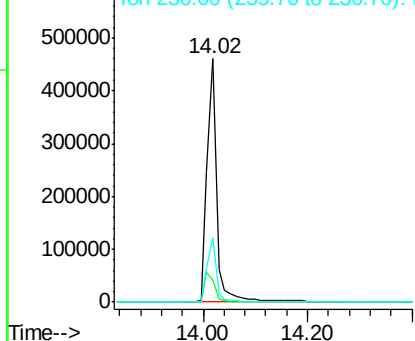
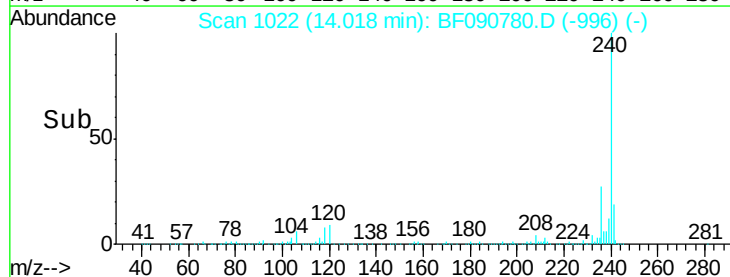


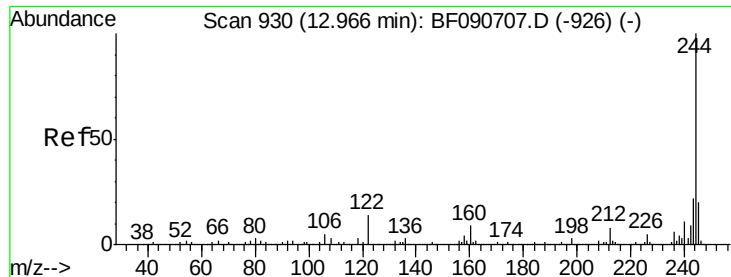
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF090780.D
 Acq: 22 Oct 2016 23:21

Tgt Ion:240 Resp: 597000
 Ion Ratio Lower Upper
 240 100
 120 9.3 16.2 24.2#
 236 26.6 18.4 27.6



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

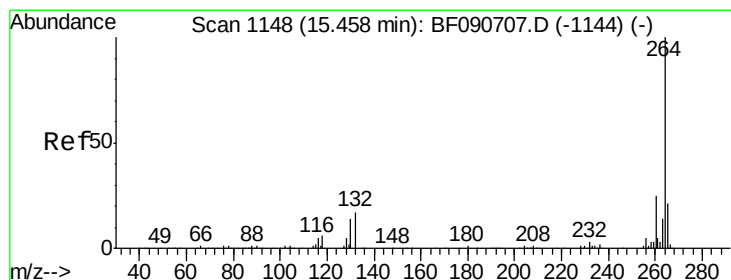
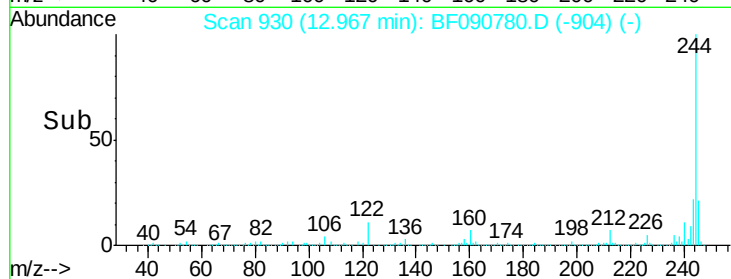
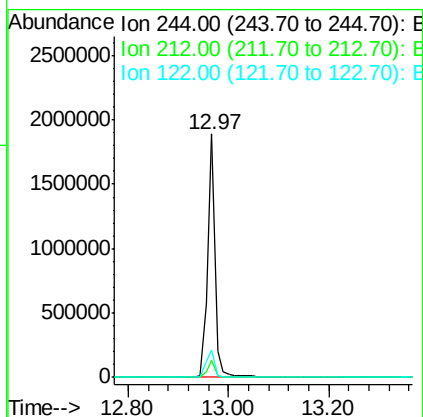
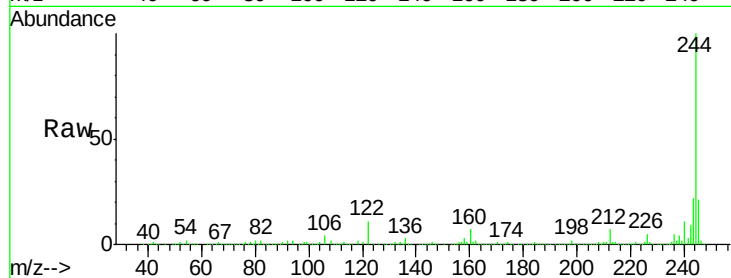




#78
 Terphenyl-d14
 Concen: 75.57 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090780.D
 Acq: 22 Oct 2016 23:21

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-16.5-17.0

Tgt Ion:244 Resp: 1968451
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.3 6.5#
 122 11.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090780.D
 Acq: 22 Oct 2016 23:21

Tgt Ion:264 Resp: 426991
 Ion Ratio Lower Upper
 264 100
 260 24.6 16.7 25.1
 265 21.5 17.2 25.8

