

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090771.D
 Acq On : 22 Oct 2016 19:16
 Operator : UM/SJ
 Sample : H5343-02
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-19.5-20.0

Quant Time: Oct 24 00:55:18 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

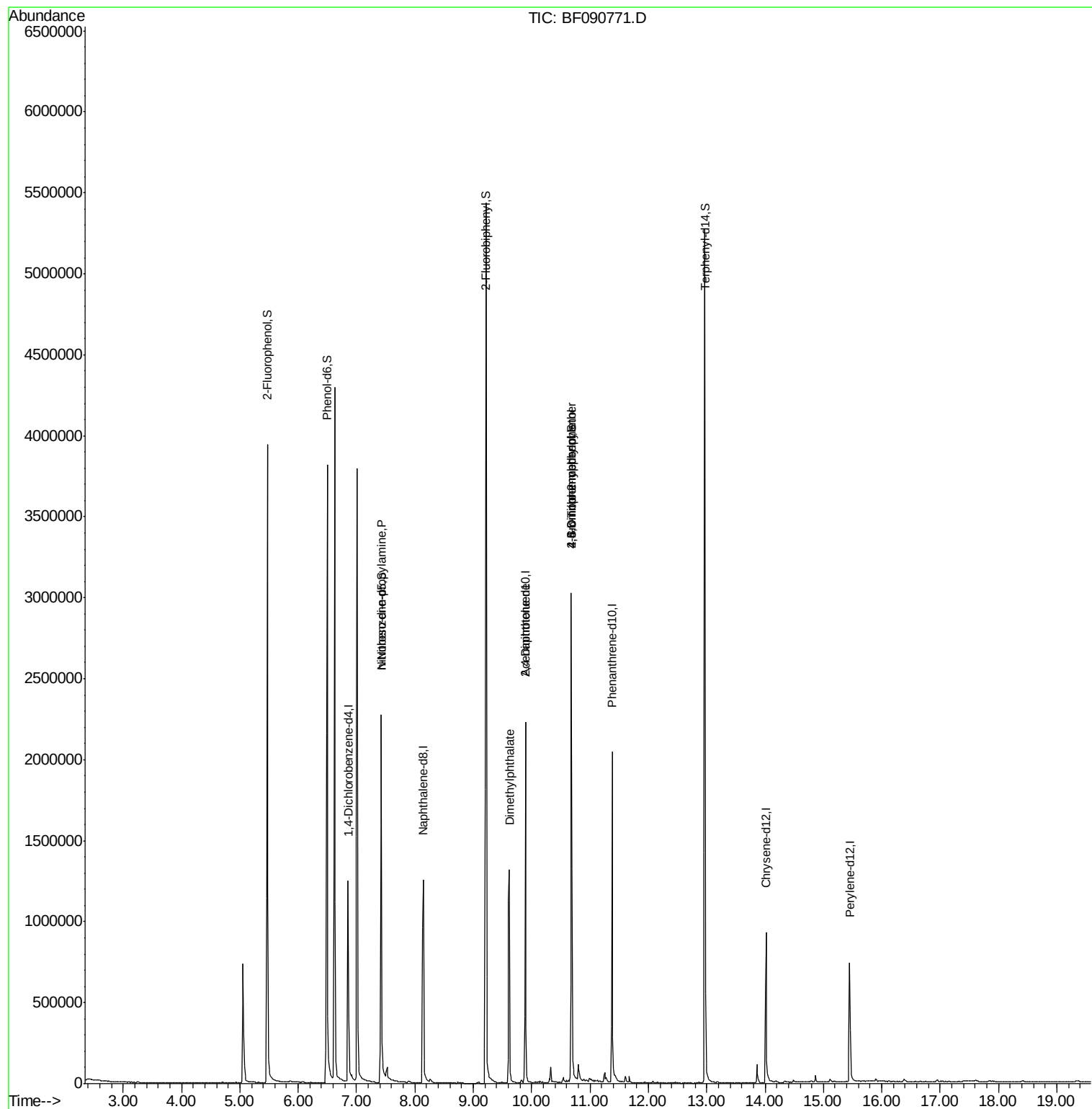
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	233378	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	940955	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	502511	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	801828	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	473753	20.00	ng	0.00
86) Perylene-d12	15.45	264	350396	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1423795	98.39	ng	0.01
7) Phenol-d6	6.50	99	1888117	96.33	ng	0.00
23) Nitrobenzene-d5	7.42	82	1247578	72.72	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	526183	132.29	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2022032	62.47	ng	-0.01
78) Terphenyl-d14	12.97	244	1800610	87.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	160148	10.97	ng	# 49
49) Dimethylphthalate	9.62	163	909031	28.79	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	66268	7.98	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	654	4.29	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	32054	4.12	ng	# 1

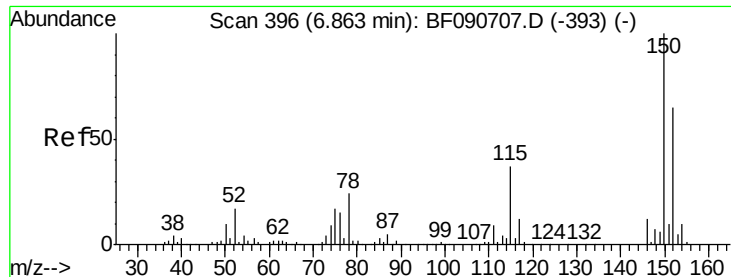
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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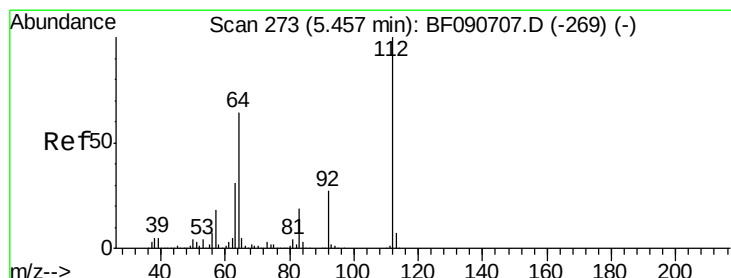
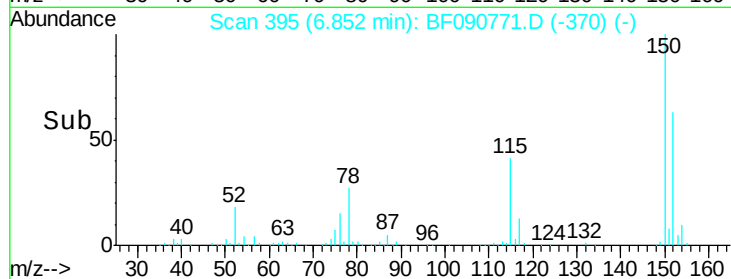
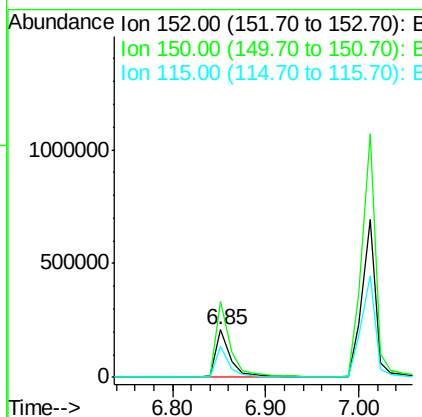
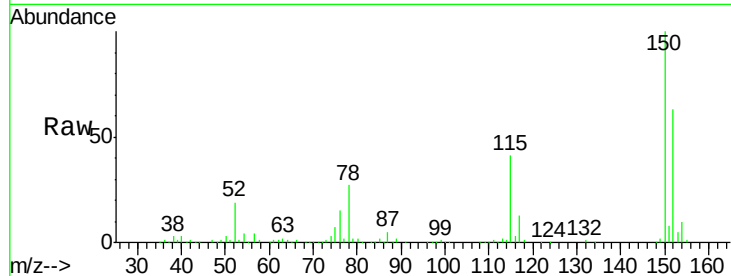




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF090771.D
 Acq: 22 Oct 2016 19:16

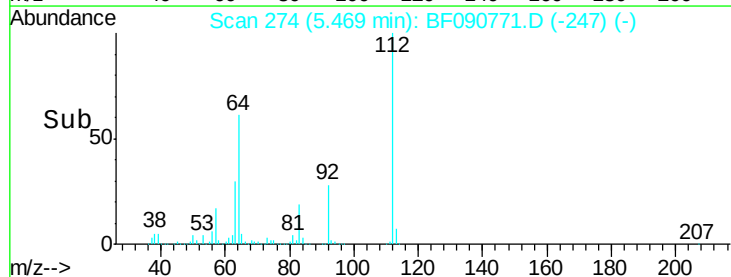
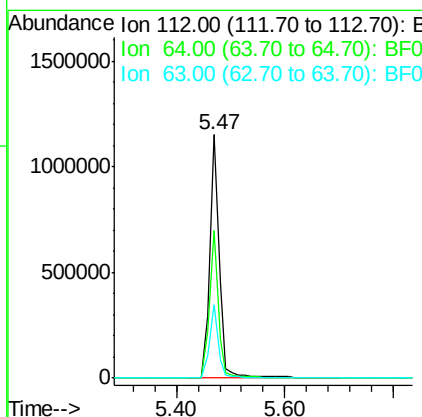
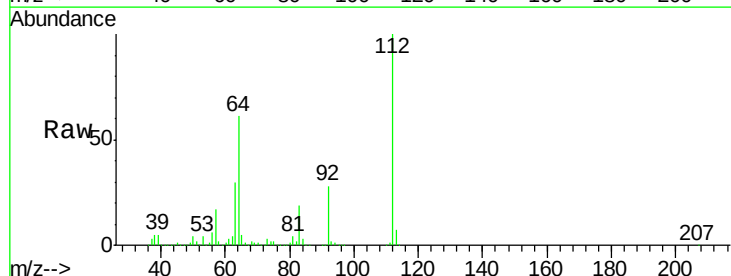
Instrument :
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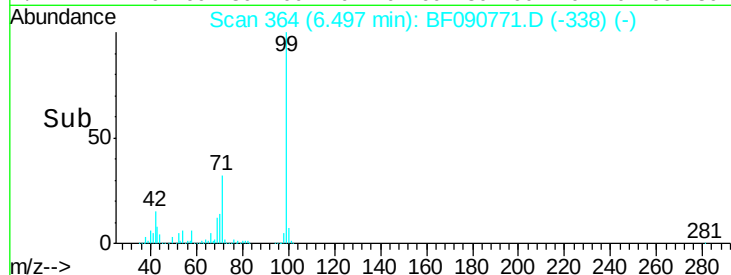
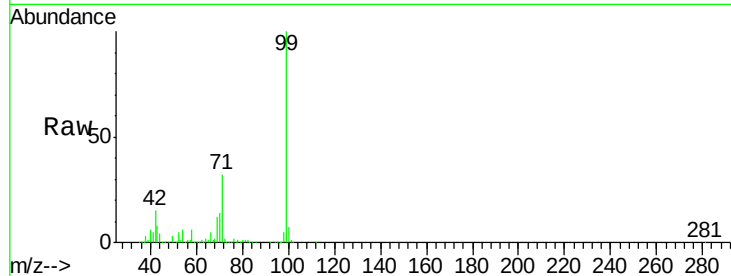
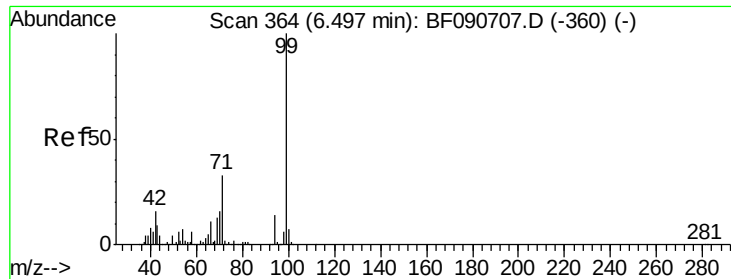
Tgt Ion:152 Resp: 233378
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.7 187.1
 115 66.0 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 98.39 ng
 RT: 5.47 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF090771.D
 Acq: 22 Oct 2016 19:16

Tgt Ion:112 Resp: 1423795
 Ion Ratio Lower Upper
 112 100
 64 60.8 39.7 59.5#
 63 30.0 17.4 26.0#





#7

Phenol-d6

Concen: 96.33 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090771.D

Acq: 22 Oct 2016 19:16

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-19.5-20.0

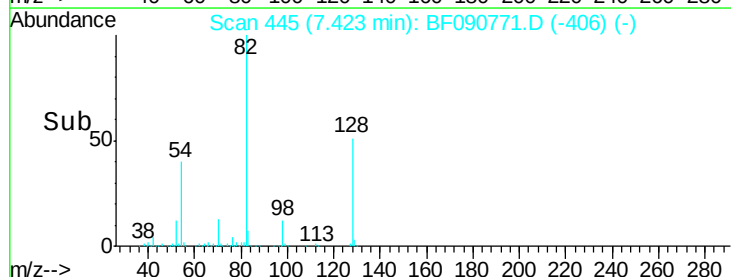
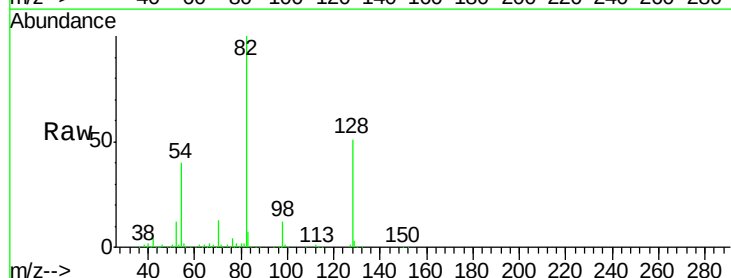
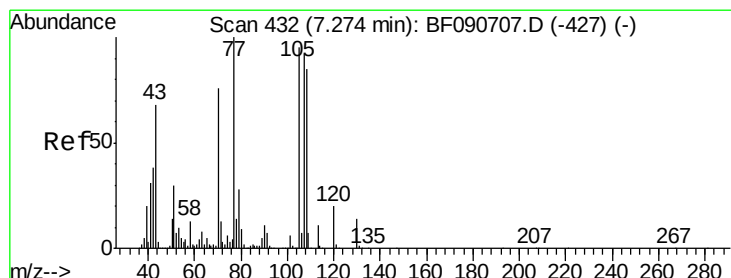
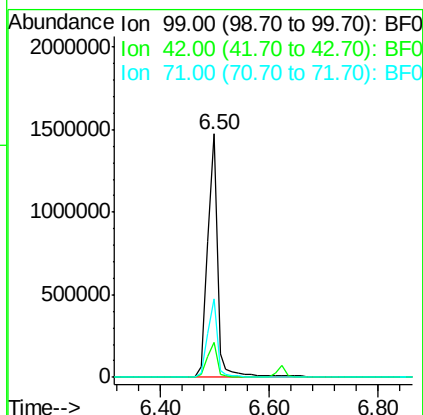
Tgt Ion: 99 Resp: 1888117

Ion Ratio Lower Upper

99 100

42 14.6 13.7 20.5

71 32.1 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 10.97 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090771.D

Acq: 22 Oct 2016 19:16

Tgt Ion: 70 Resp: 160148

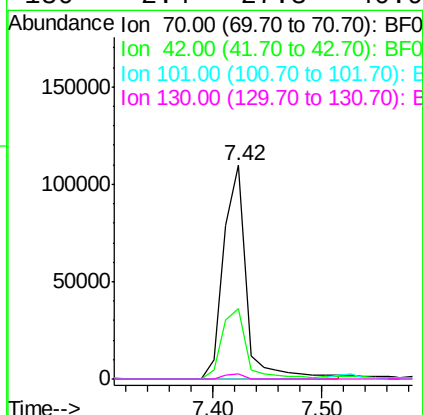
Ion Ratio Lower Upper

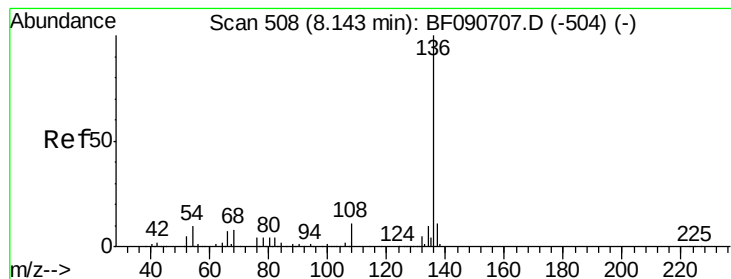
70 100

42 33.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

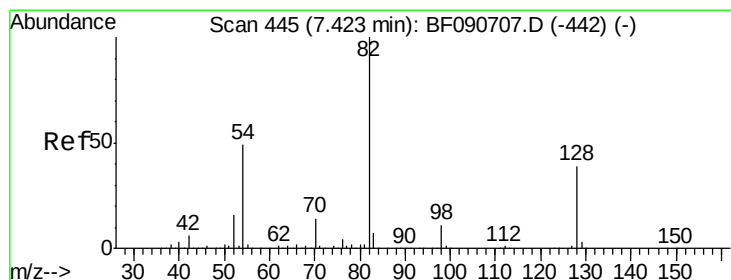
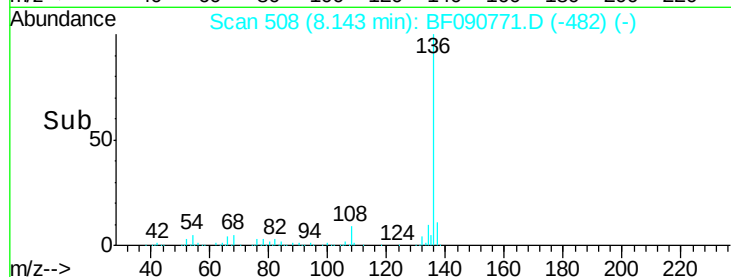
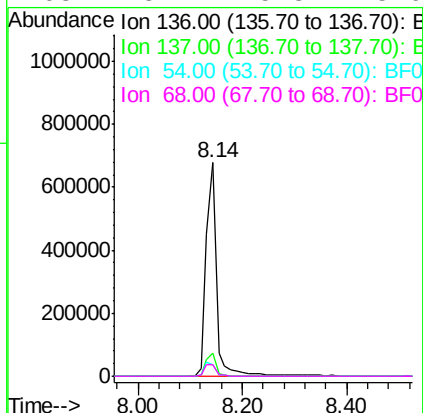
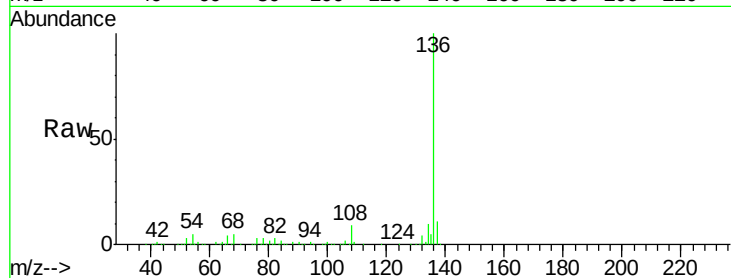




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090771.D
Acq: 22 Oct 2016 19:16

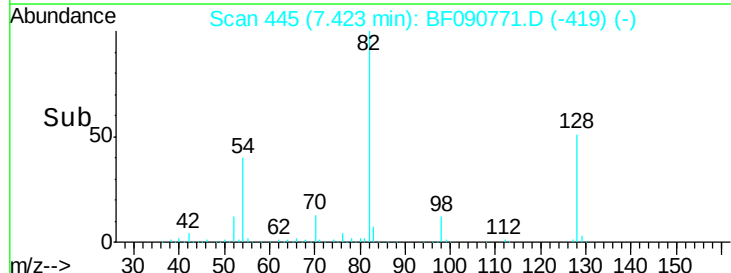
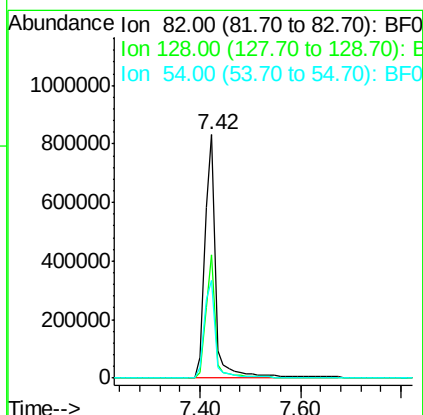
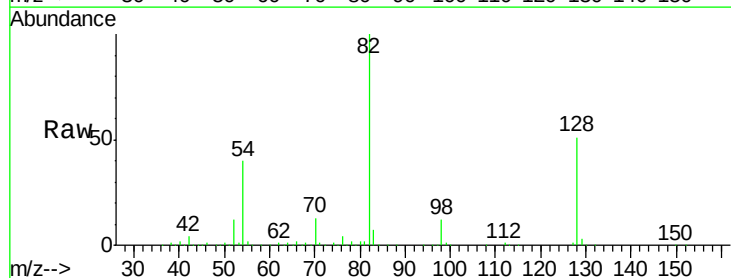
Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-19.5-20.0

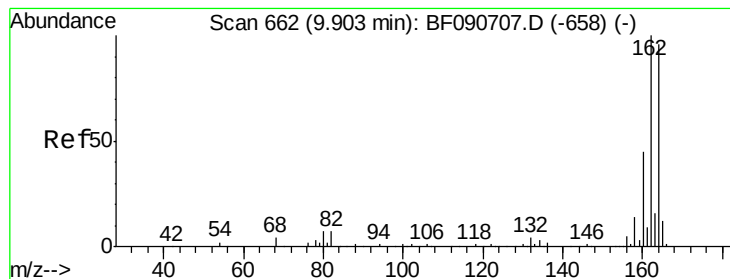
Tgt Ion:	136	Resp:	940955
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	5.4	8.2	12.2#
68	5.2	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 72.72 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090771.D
Acq: 22 Oct 2016 19:16

Tgt Ion:	82	Resp:	1247578
Ion Ratio	Lower	Upper	
82	100		
128	50.9	51.0	76.6#
54	40.0	47.5	71.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF090771.D

Acq: 22 Oct 2016 19:16

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-19.5-20.0

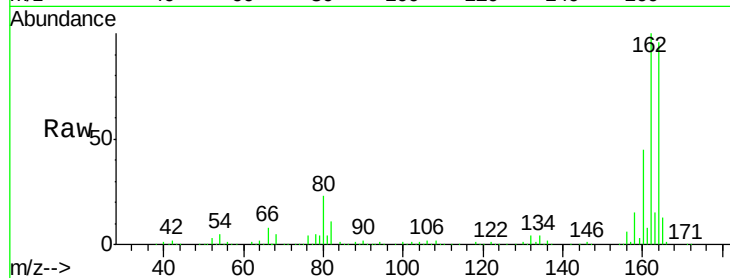
Tgt Ion:164 Resp: 502511

Ion Ratio Lower Upper

164 100

162 103.8 75.2 112.8

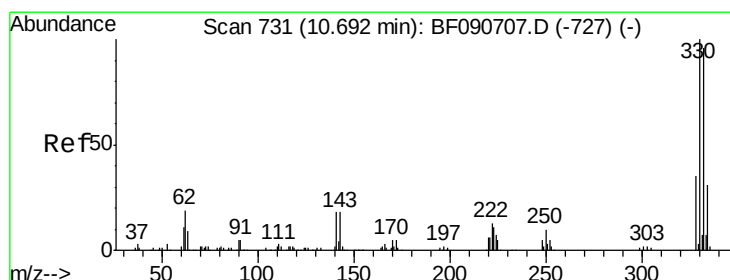
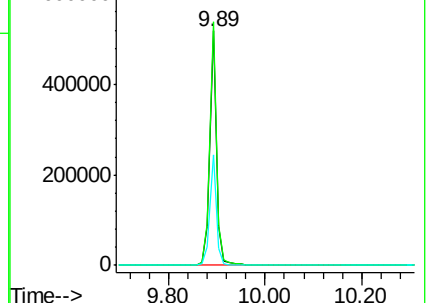
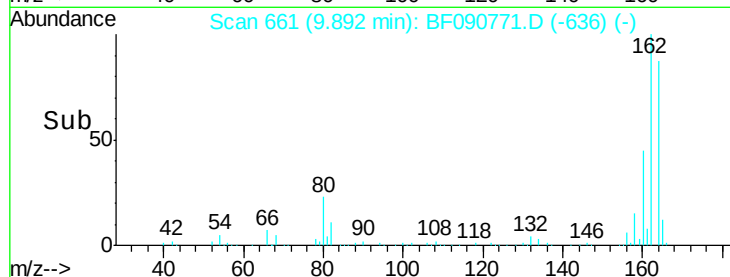
160 46.9 31.5 47.3



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: 132.29 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090771.D

Acq: 22 Oct 2016 19:16

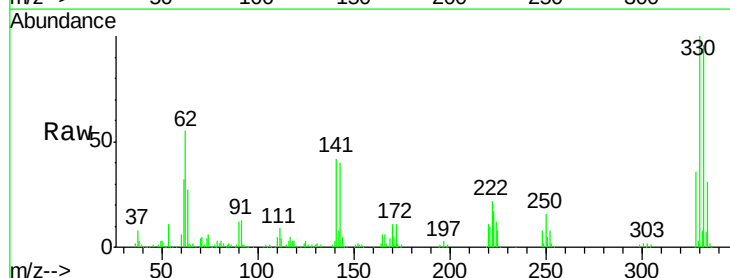
Tgt Ion:330 Resp: 526183

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

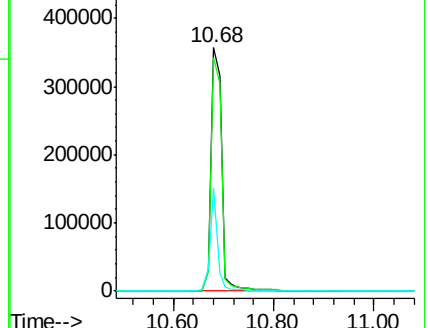
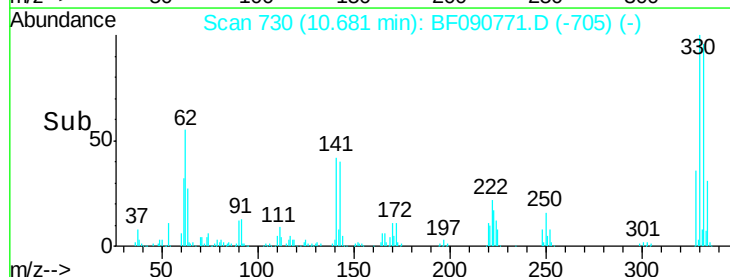
141 30.7 29.7 44.5

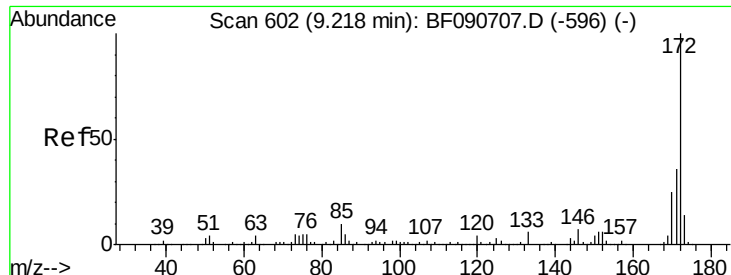


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

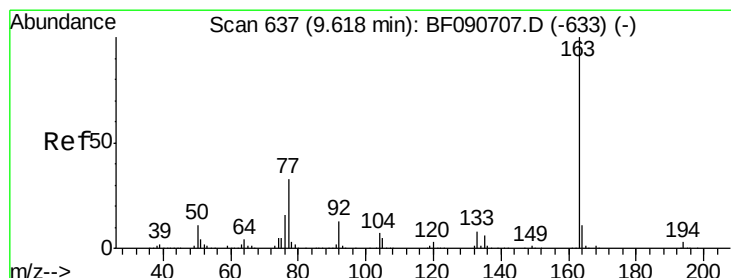
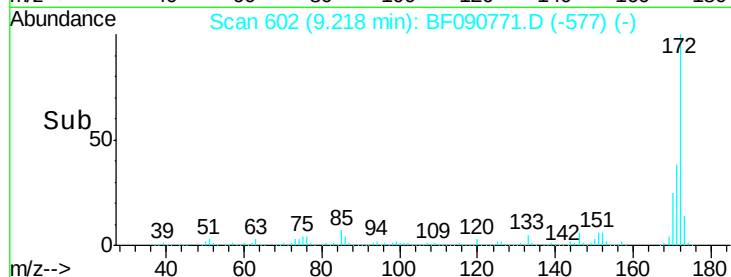
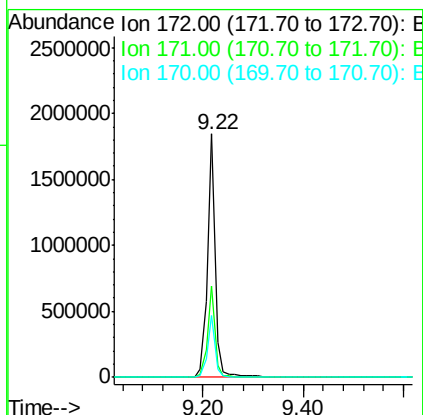
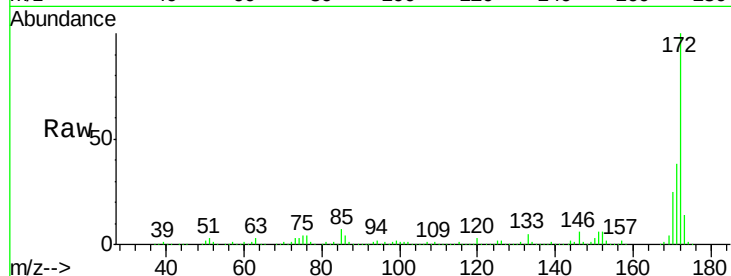




#44
 2-Fluorobiphenyl
 Concen: 62.47 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090771.D
 Acq: 22 Oct 2016 19:16

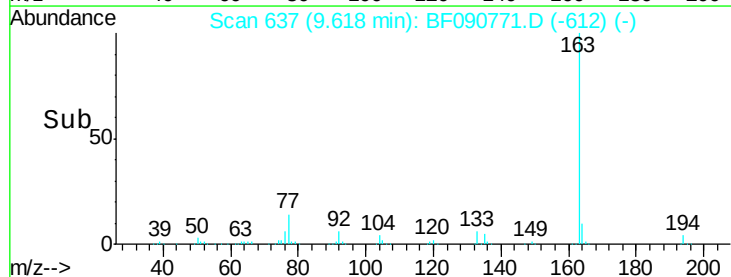
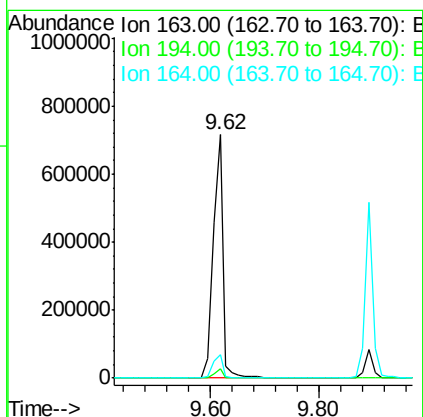
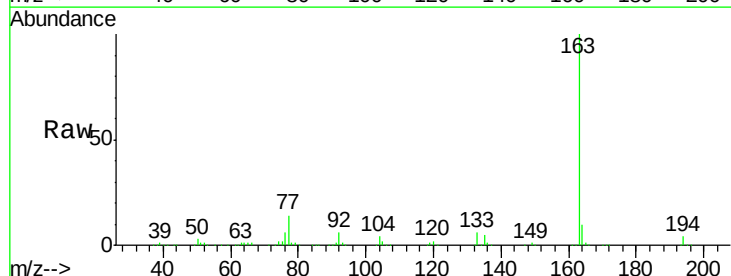
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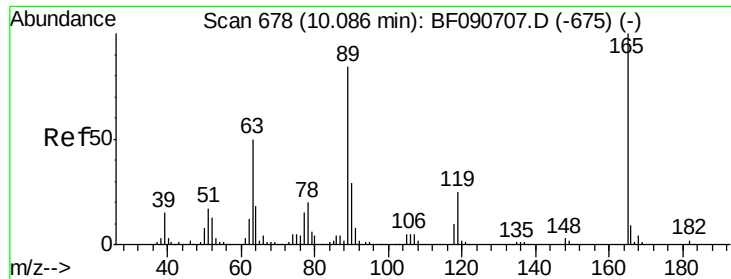
Tgt Ion:172 Resp: 2022032
 Ion Ratio Lower Upper
 172 100
 171 37.5 26.1 39.1
 170 25.4 17.4 26.2



#49
 Dimethylphthalate
 Concen: 28.79 ng
 RT: 9.62 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF090771.D
 Acq: 22 Oct 2016 19:16

Tgt Ion:163 Resp: 909031
 Ion Ratio Lower Upper
 163 100
 194 3.9 4.4 6.6#
 164 9.9 8.3 12.5

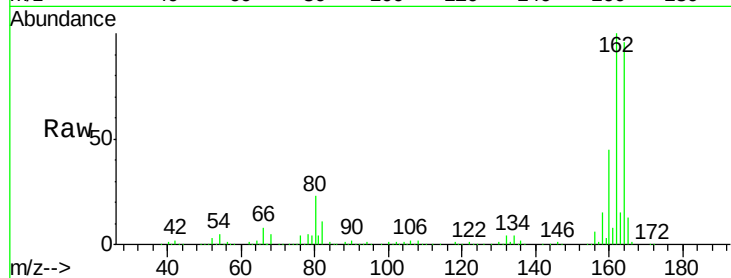




#56
 2,4-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090771.D
 Acq: 22 Oct 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-19.5-20.0

Tgt Ion:	165	Resp:	66268
Ion	Ratio	Lower	Upper
165	100		
63	0.6	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

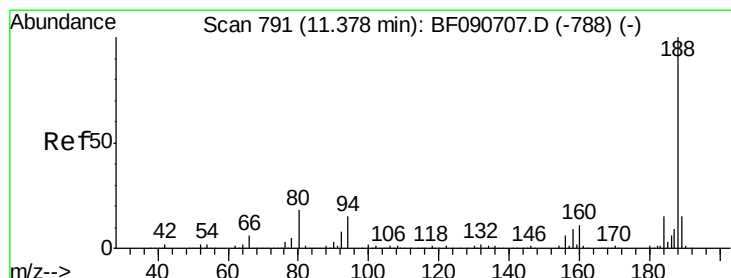
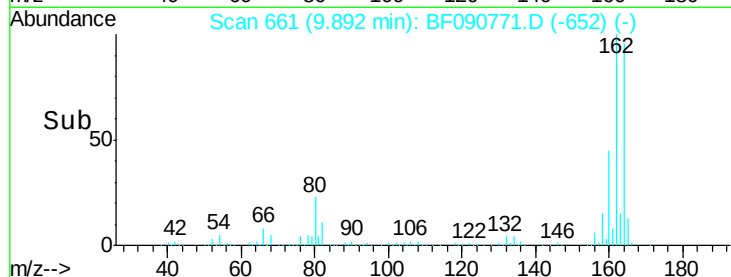
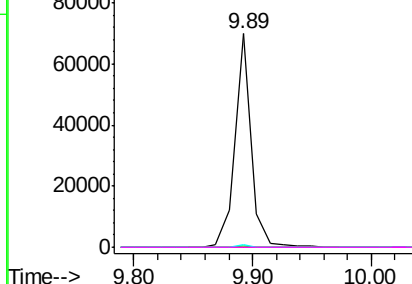


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

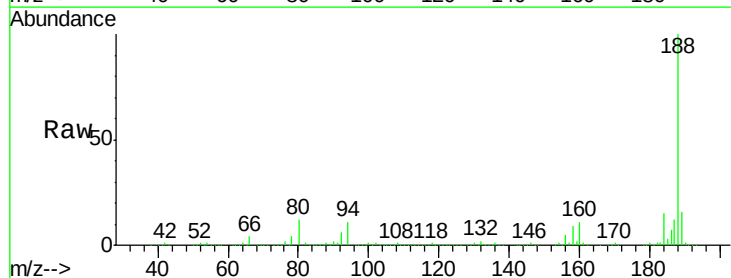
Ion 89.00 (88.70 to 89.70): BF0

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: BF090771.D
 Acq: 22 Oct 2016 19:16

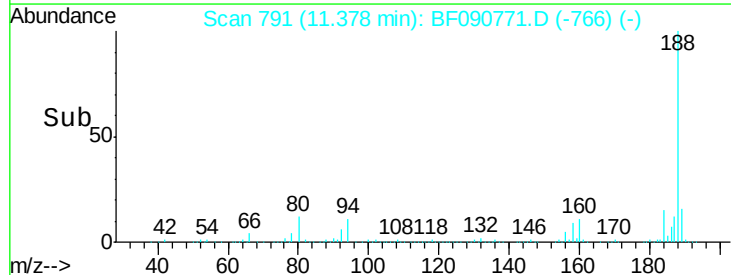
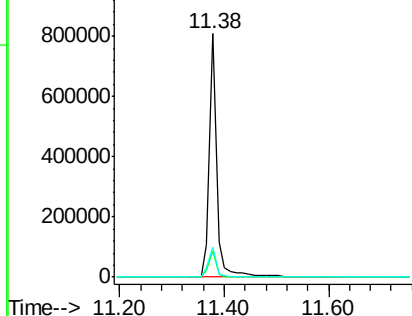
Tgt Ion:	188	Resp:	801828
Ion	Ratio	Lower	Upper
188	100		
94	10.9	11.1	16.7#
80	12.0	11.0	16.4

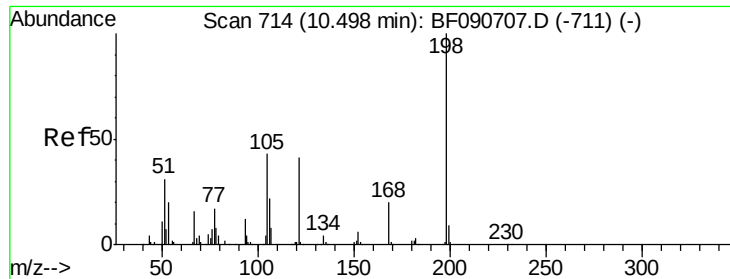


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

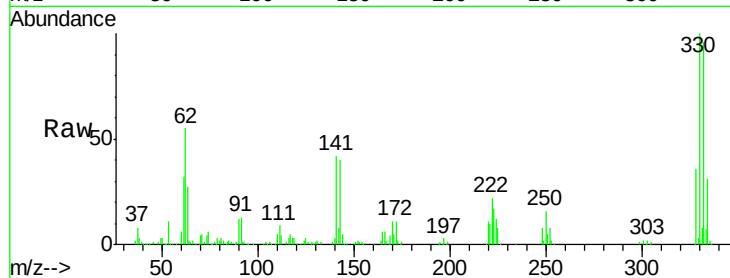




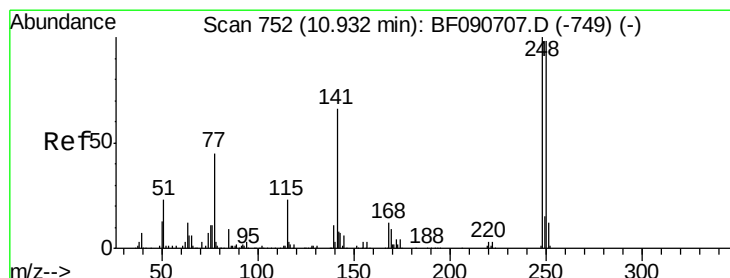
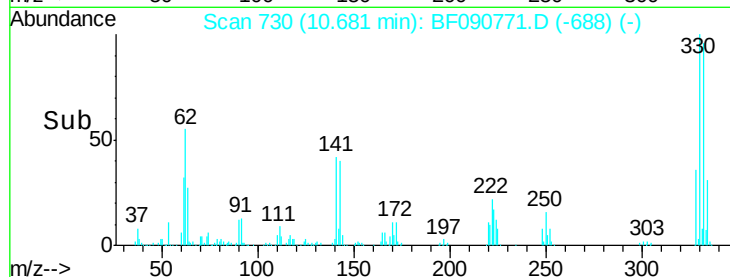
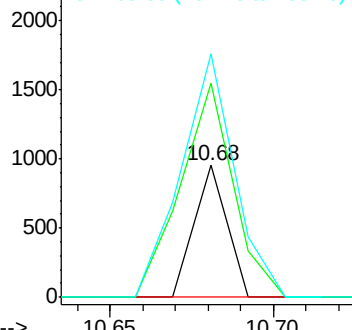
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.29 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090771.D
 Acq: 22 Oct 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-19.5-20.0

Tgt Ion:198 Resp: 654
 Ion Ratio Lower Upper
 198 100
 51 162.3 39.6 79.6#
 105 184.7 28.5 68.5#

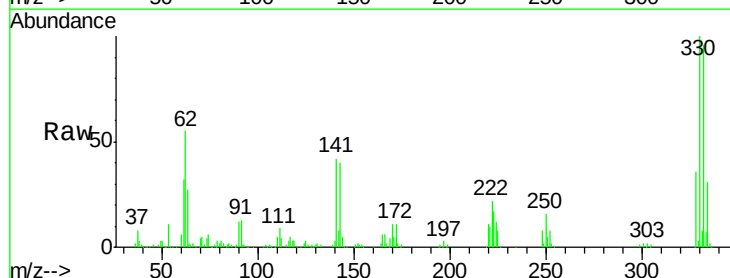


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

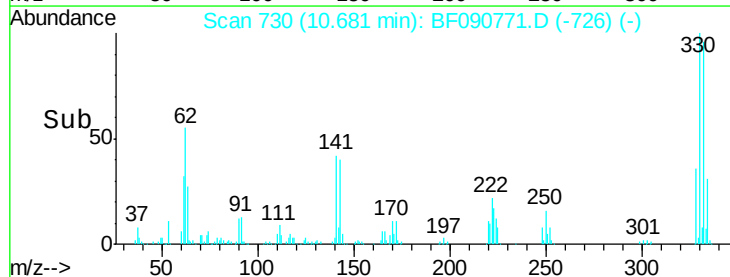
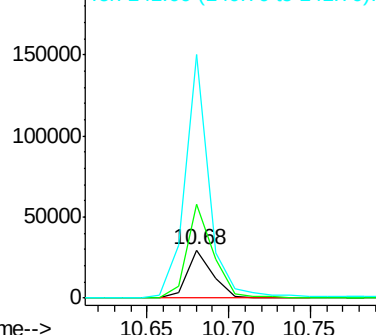


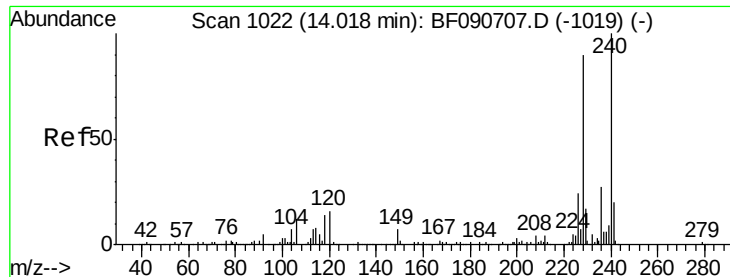
#66
 4-Bromophenyl-phenylether
 Concen: 4.12 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.25 min
 Lab File: BF090771.D
 Acq: 22 Oct 2016 19:16

Tgt Ion:248 Resp: 32054
 Ion Ratio Lower Upper
 248 100
 250 196.3 78.5 117.7#
 141 509.5 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: BF090771.D

Acq: 22 Oct 2016 19:16

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-19.5-20.0

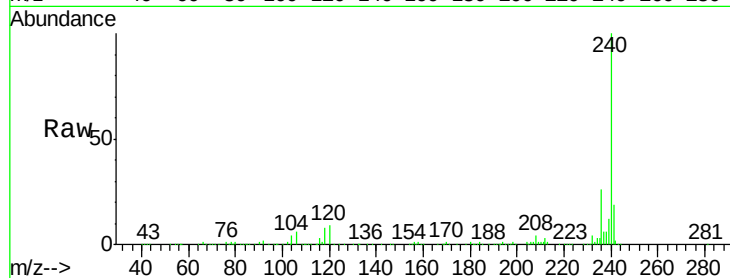
Tgt Ion:240 Resp: 473753

Ion Ratio Lower Upper

240 100

120 9.3 16.2 24.2#

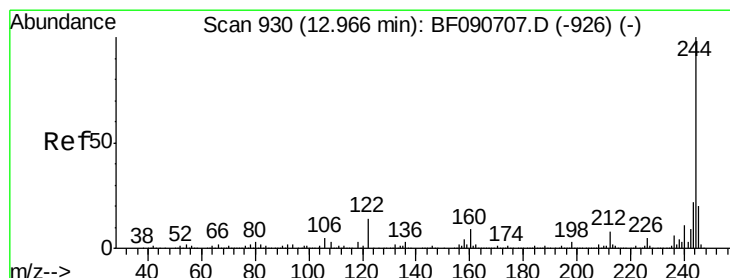
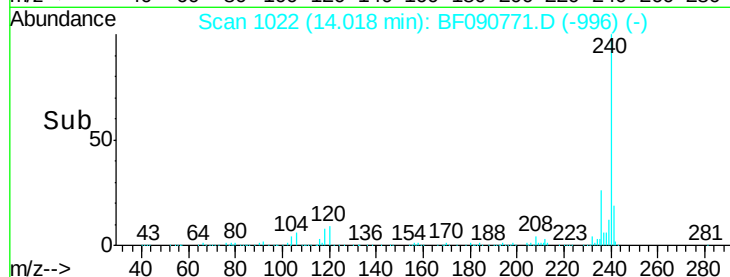
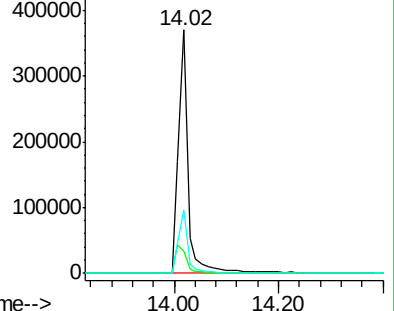
236 26.2 18.4 27.6



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: 87.11 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090771.D

Acq: 22 Oct 2016 19:16

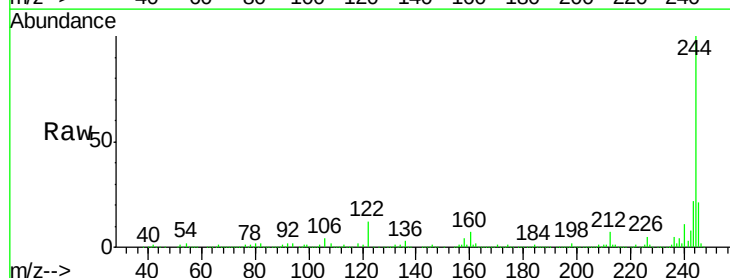
Tgt Ion:244 Resp: 1800610

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

122 11.7 17.4 26.2#



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

