

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090772.D
 Acq On : 22 Oct 2016 19:43
 Operator : UM/SJ
 Sample : H5343-03
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB02-14.5-15.0

Quant Time: Oct 24 00:55:30 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

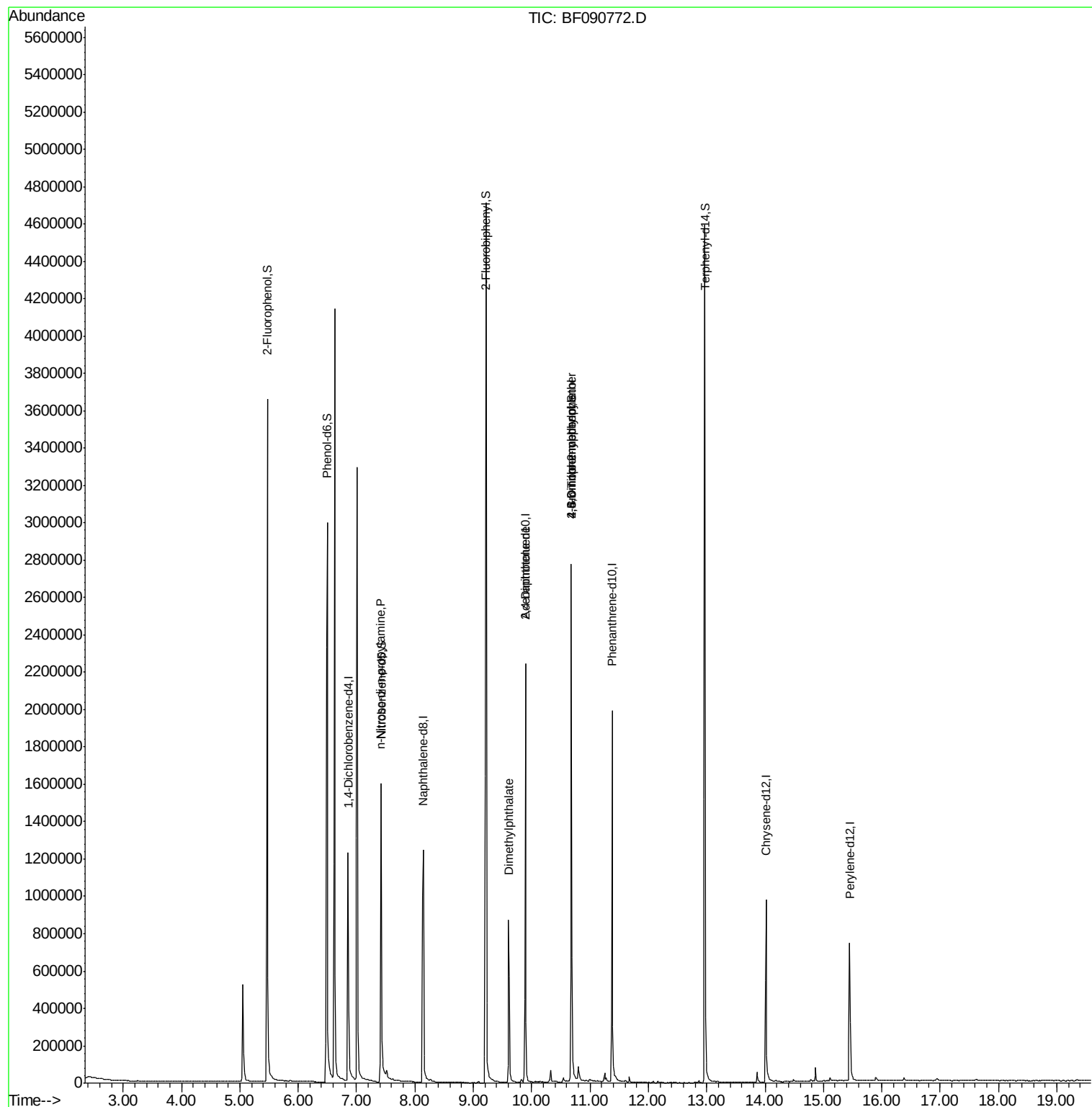
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	231380	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	941845	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	509267	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	798269	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	467596	20.00	ng	0.00
86) Perylene-d12	15.45	264	356135	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1176544	82.01	ng	0.01
7) Phenol-d6	6.50	99	1718433	88.43	ng	0.00
23) Nitrobenzene-d5	7.42	82	1027826	59.85	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	393622	97.65	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1737257	52.96	ng	-0.01
78) Terphenyl-d14	12.97	244	1585982	77.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	128313	8.87	ng	# 53
49) Dimethylphthalate	9.61	163	542668	16.96	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	65785	7.82	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	602	4.29	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	26323	3.40	ng	# 1

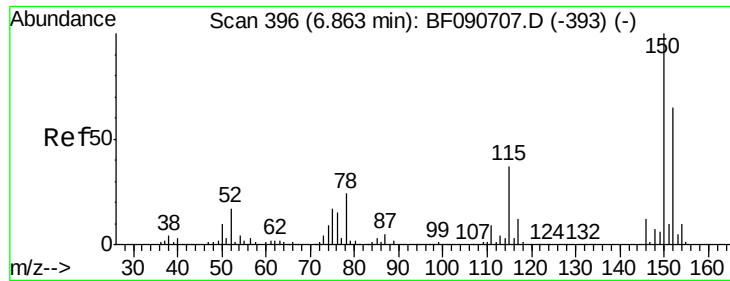
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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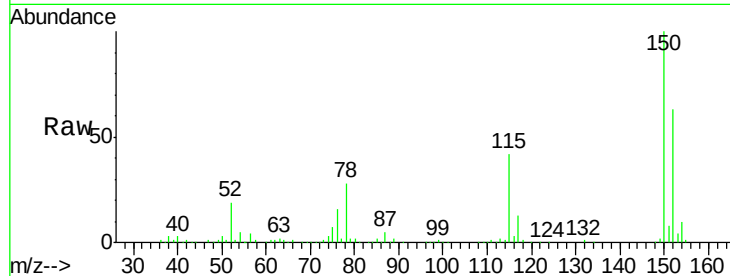


#1

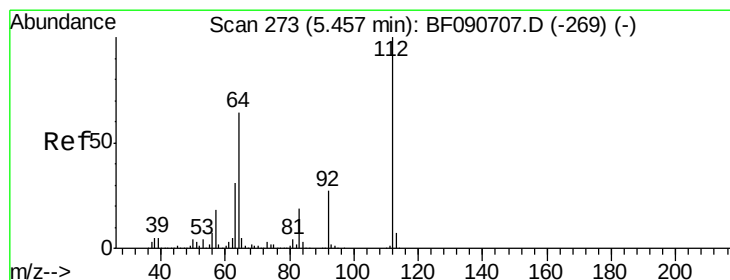
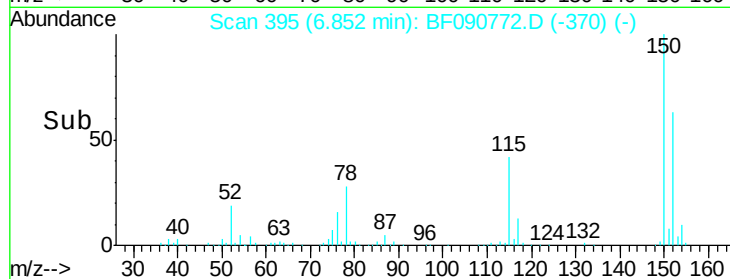
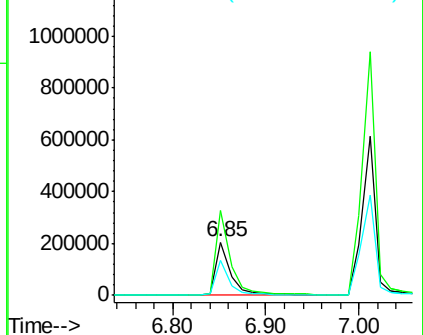
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090772.D
Acq: 22 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-14.5-15.0

Tgt Ion:152 Resp: 231380
Ion Ratio Lower Upper
152 100
150 159.0 124.7 187.1
115 66.4 39.0 58.4#



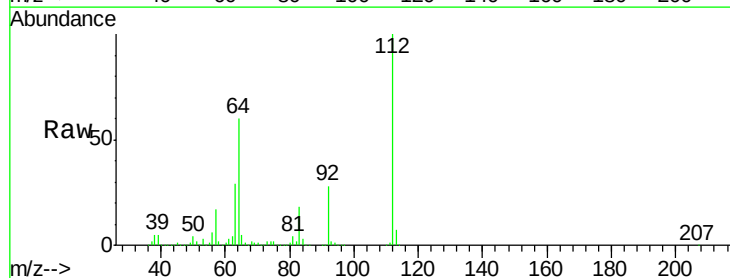
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



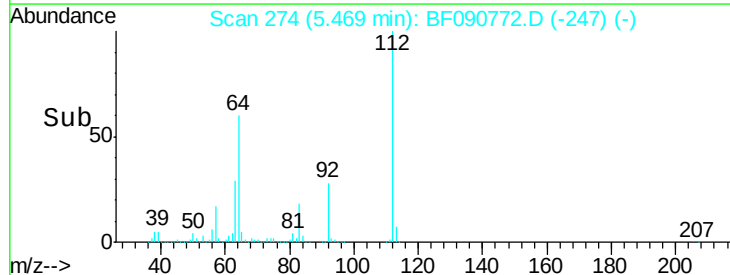
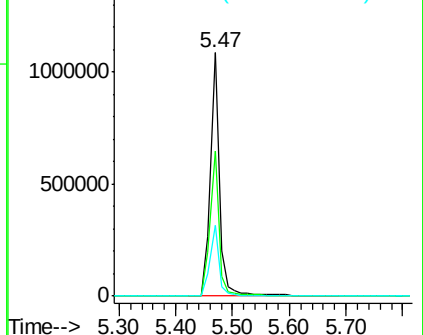
#5

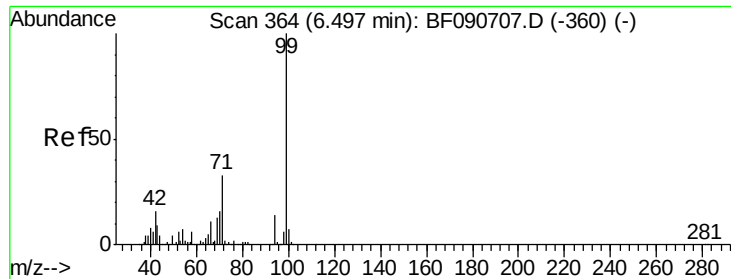
2-Fluorophenol
Concen: 82.01 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090772.D
Acq: 22 Oct 2016 19:43

Tgt Ion:112 Resp: 1176544
Ion Ratio Lower Upper
112 100
64 59.6 39.7 59.5#
63 29.3 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: 88.43 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090772.D

Acq: 22 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-14.5-15.0

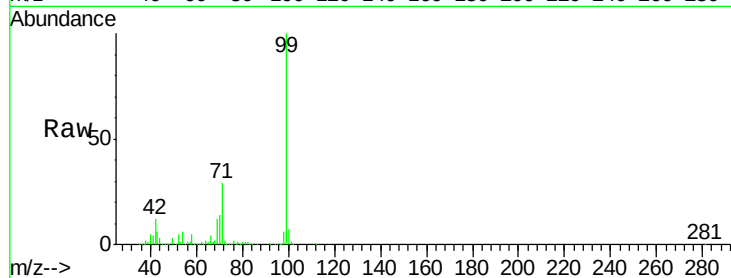
Tgt Ion: 99 Resp: 1718433

Ion Ratio Lower Upper

99 100

42 12.3 13.7 20.5#

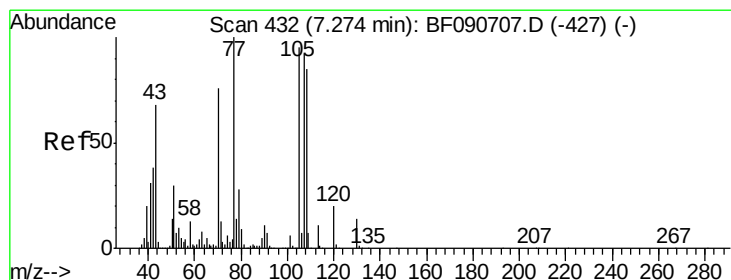
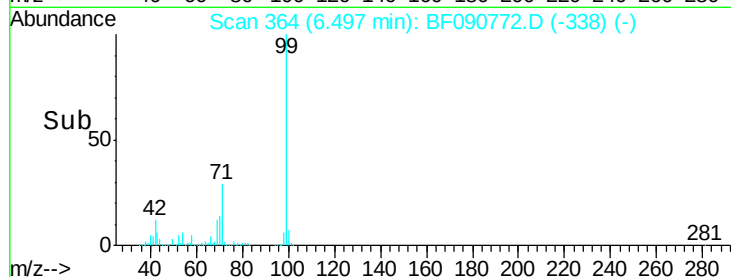
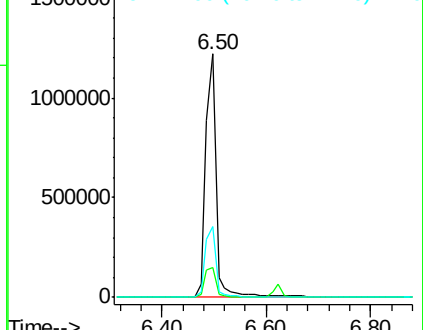
71 29.3 14.2 21.2#



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: 8.87 ng

RT: 7.41 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF090772.D

Acq: 22 Oct 2016 19:43

Tgt Ion: 70 Resp: 128313

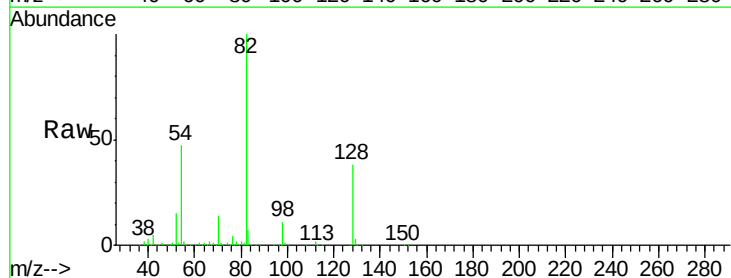
Ion Ratio Lower Upper

70 100

42 39.1 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

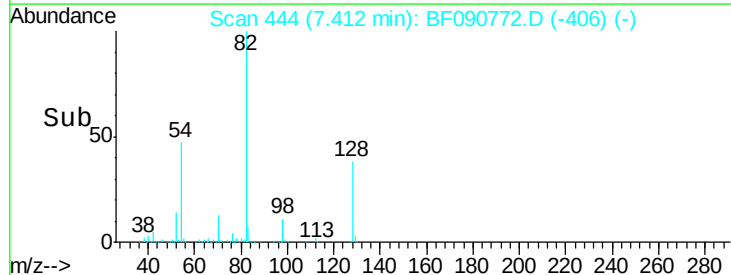
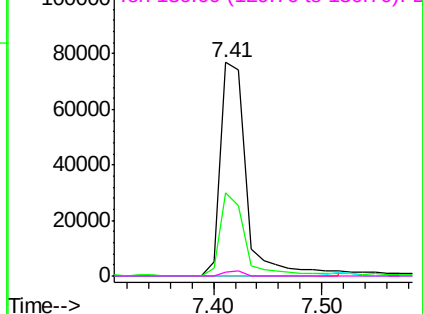


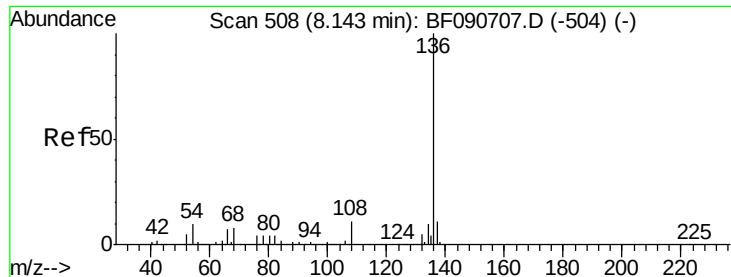
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF090772.D

Acq: 22 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-14.5-15.0

Tgt Ion:136 Resp: 941845

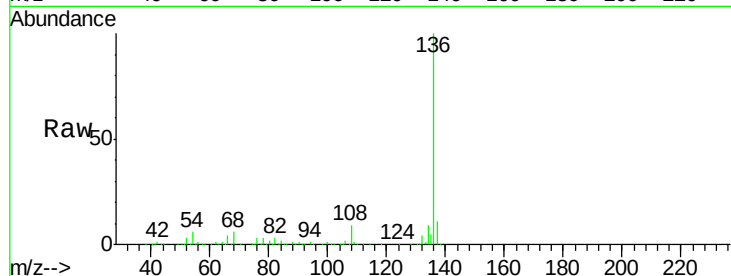
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 5.9 8.2 12.2#

68 5.5 5.8 8.6#

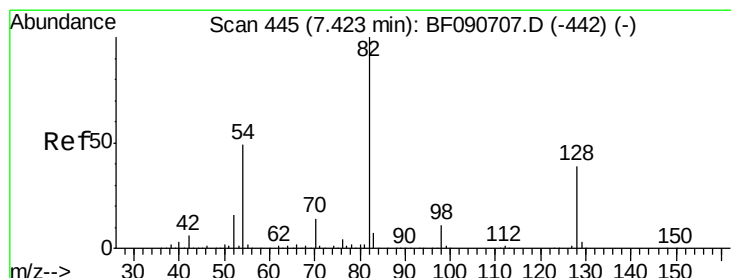
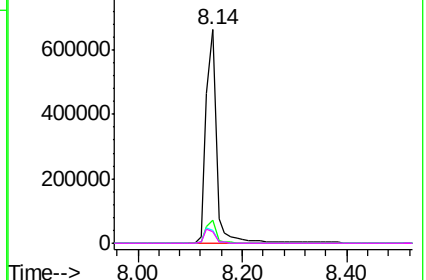
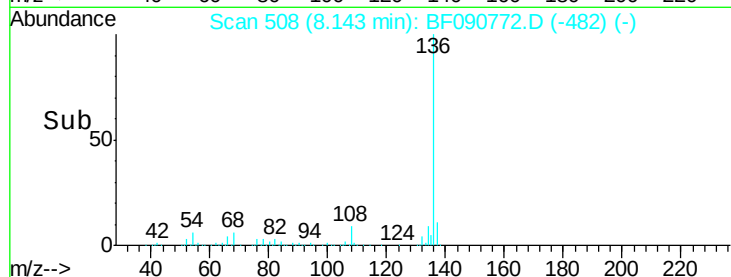


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.85 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090772.D

Acq: 22 Oct 2016 19:43

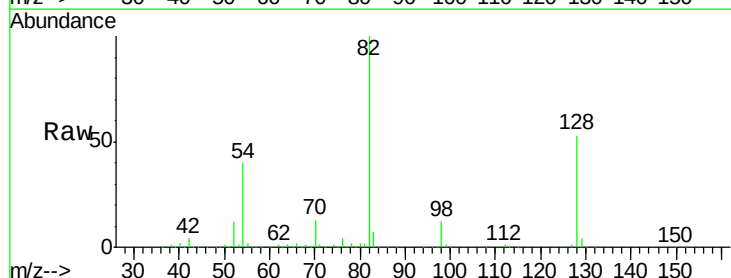
Tgt Ion: 82 Resp: 1027826

Ion Ratio Lower Upper

82 100

128 52.6 51.0 76.6

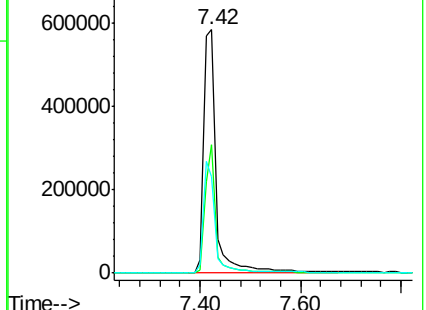
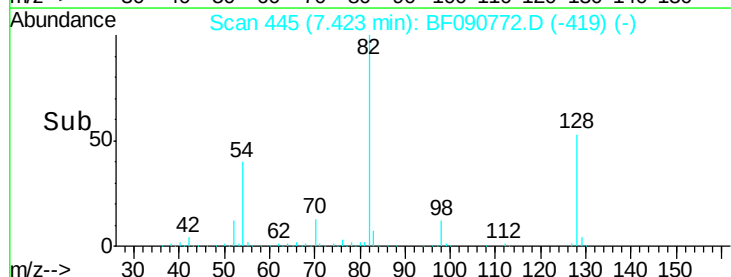
54 39.8 47.5 71.3#

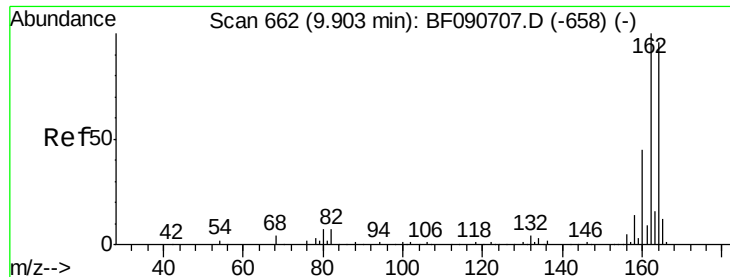


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF090772.D

Acq: 22 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-14.5-15.0

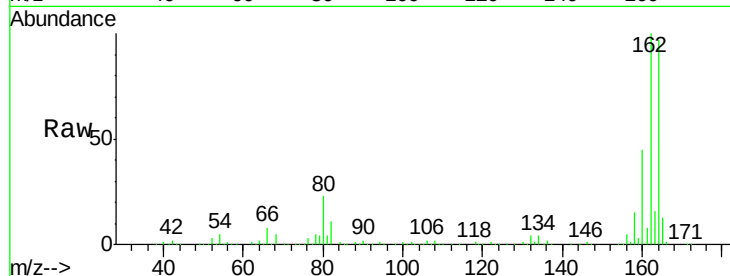
Tgt Ion:164 Resp: 509267

Ion Ratio Lower Upper

164 100

162 103.5 75.2 112.8

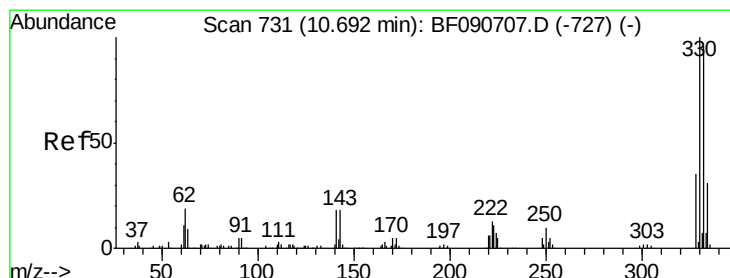
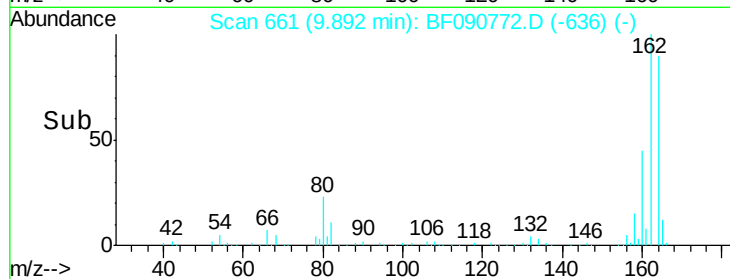
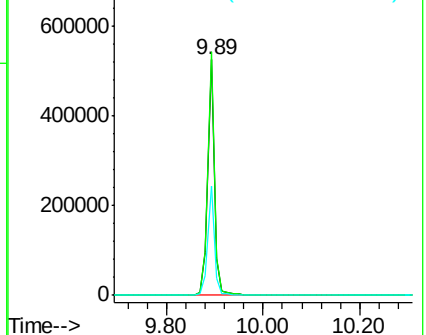
160 46.6 31.5 47.3



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: 97.65 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090772.D

Acq: 22 Oct 2016 19:43

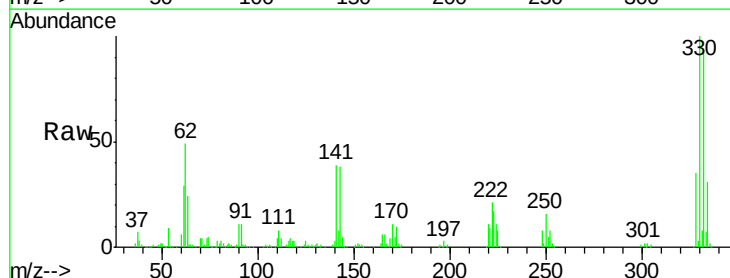
Tgt Ion:330 Resp: 393622

Ion Ratio Lower Upper

330 100

332 94.0 76.6 114.8

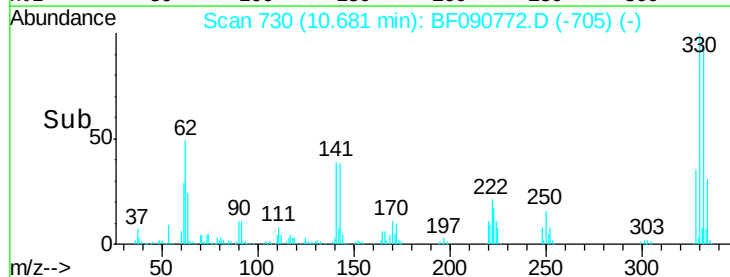
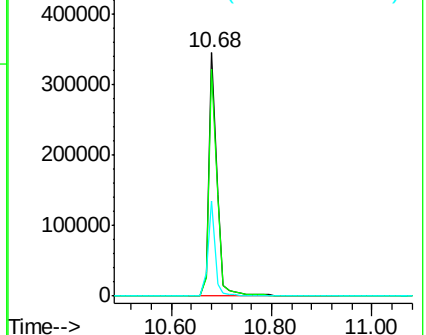
141 36.0 29.7 44.5

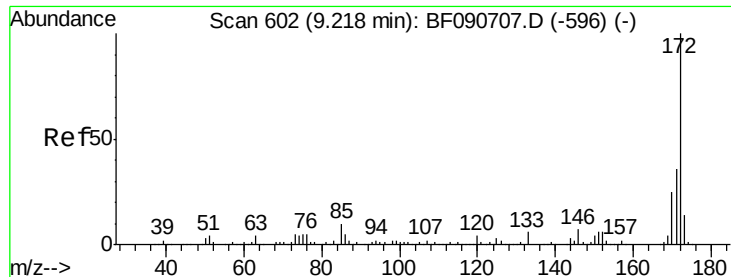


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

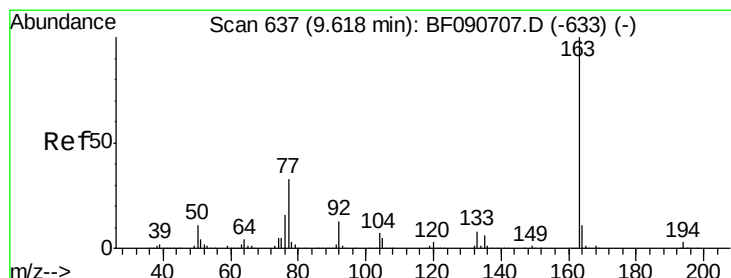
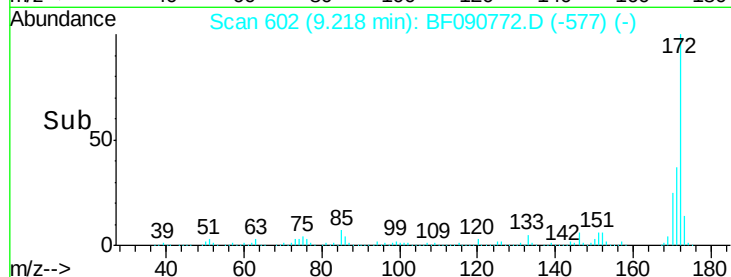
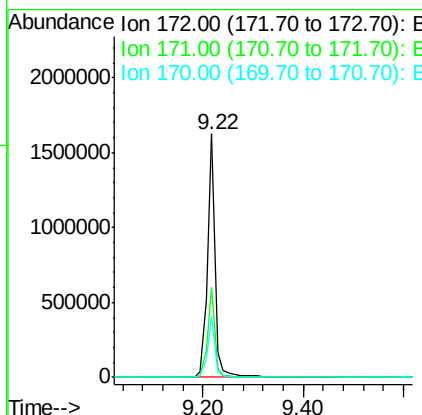
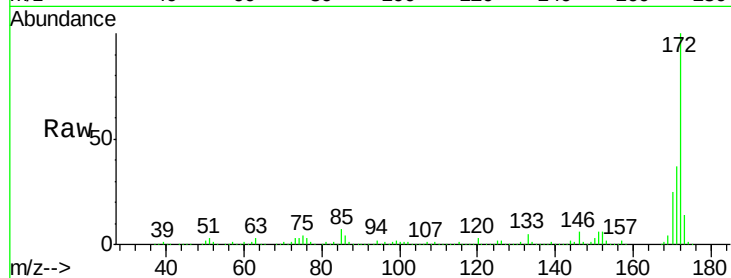




#44
2-Fluorobiphenyl
Concen: 52.96 ng
RT: 9.22 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF090772.D
Acq: 22 Oct 2016 19:43

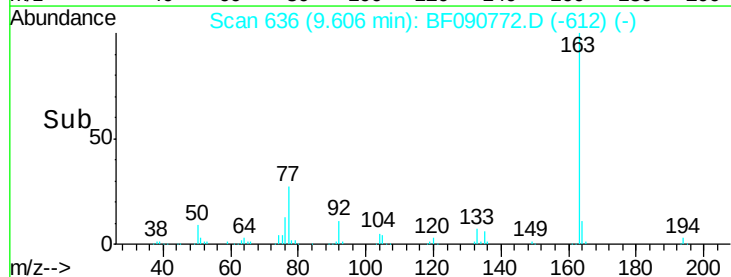
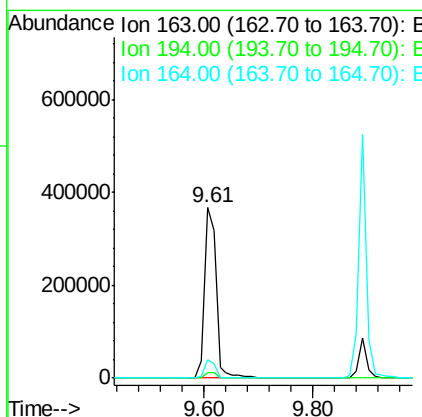
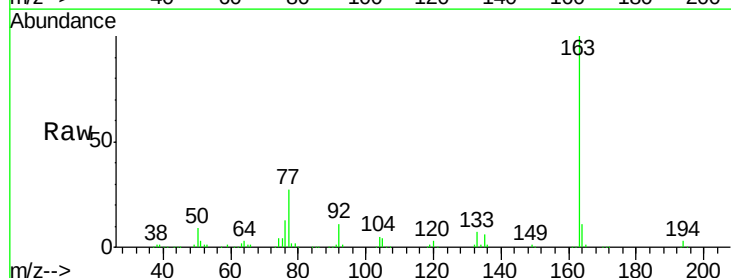
Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-14.5-15.0

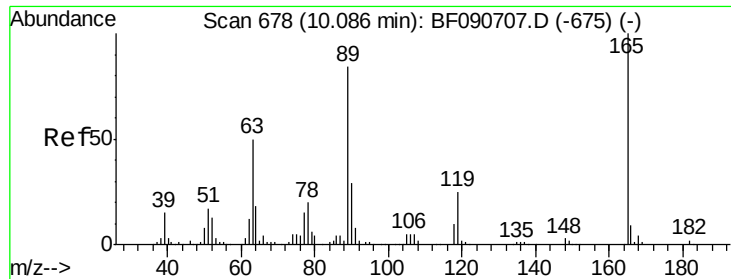
Tgt Ion:172 Resp: 1737257
Ion Ratio Lower Upper
172 100
171 36.9 26.1 39.1
170 25.0 17.4 26.2



#49
Dimethylphthalate
Concen: 16.96 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090772.D
Acq: 22 Oct 2016 19:43

Tgt Ion:163 Resp: 542668
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.7 8.3 12.5

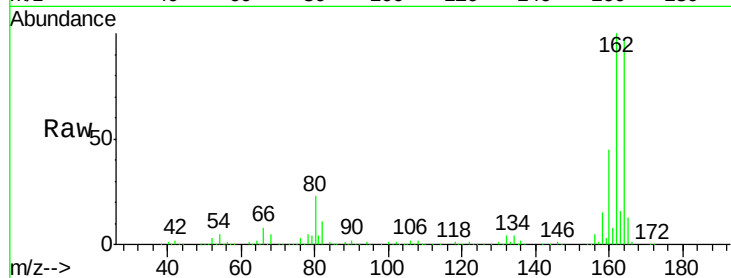




#56
 2,4-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090772.D
 Acq: 22 Oct 2016 19:43

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB02-14.5-15.0

Tgt Ion:	165	Resp:	65785
Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

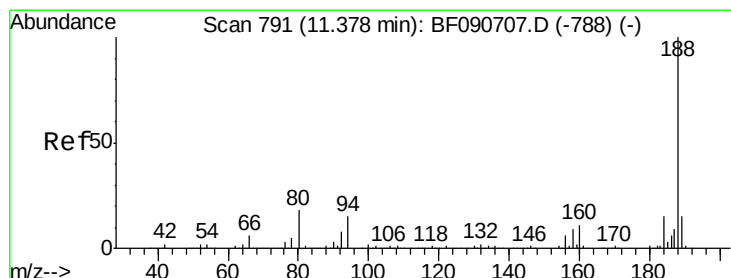
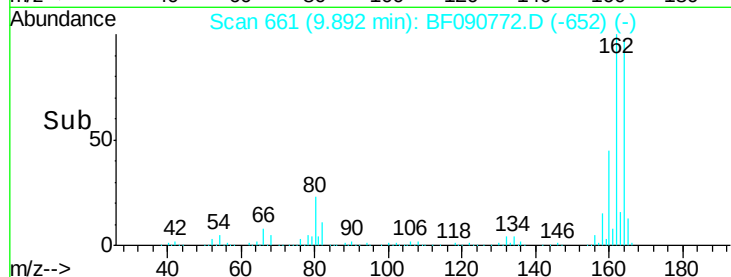
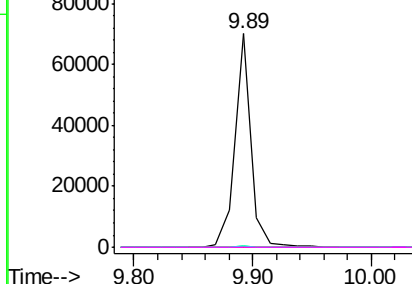


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

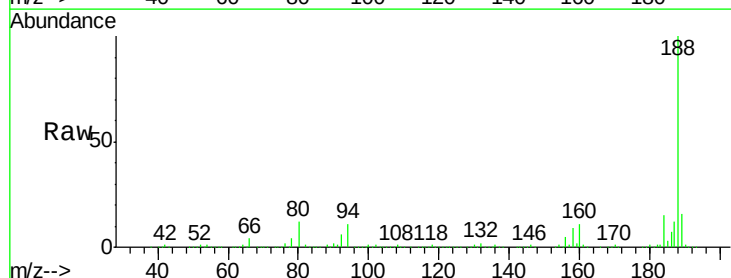
Ion 89.00 (88.70 to 89.70): BF0

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: BF090772.D
 Acq: 22 Oct 2016 19:43

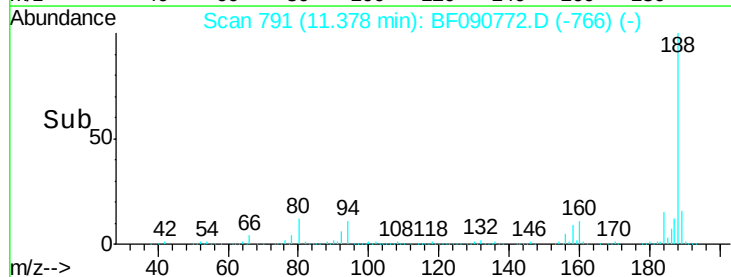
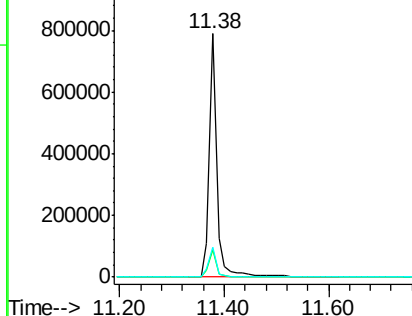
Tgt Ion:	188	Resp:	798269
Ion	Ratio	Lower	Upper
188	100		
94	11.1	11.1	16.7#
80	12.2	11.0	16.4

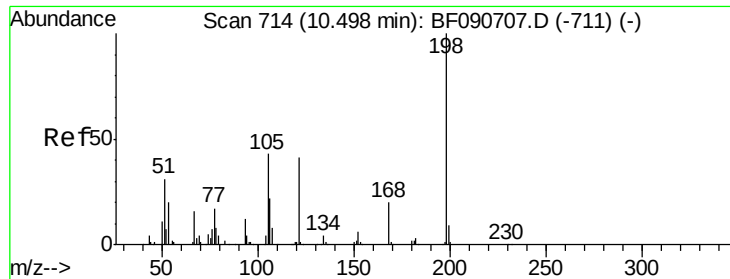


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

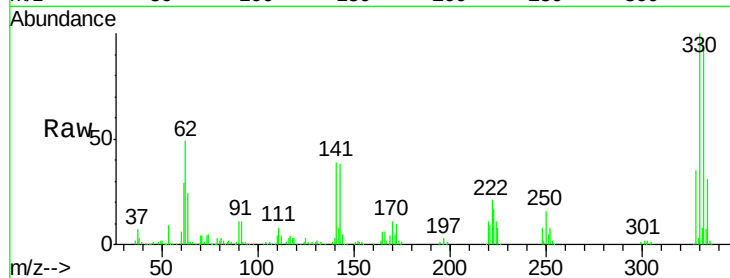




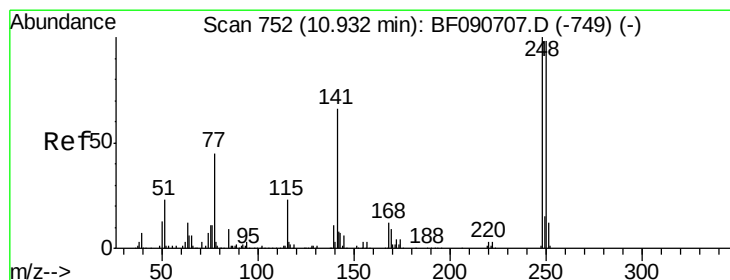
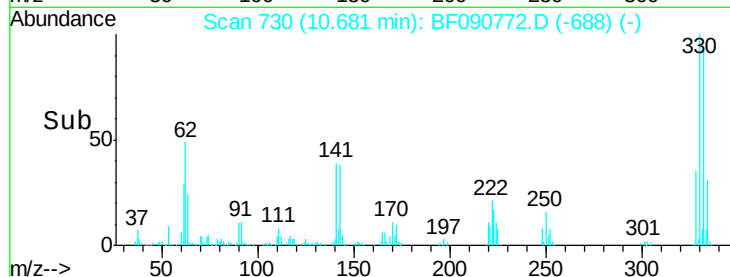
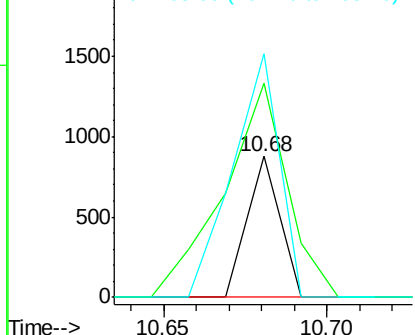
#64
4,6-Dinitro-2-methylphenol
Concen: 4.29 ng
RT: 10.68 min Scan# 730
Delta R.T. 0.18 min
Lab File: BF090772.D
Acq: 22 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-14.5-15.0

Tgt Ion:198 Resp: 602
Ion Ratio Lower Upper
198 100
51 151.4 39.6 79.6#
105 172.6 28.5 68.5#

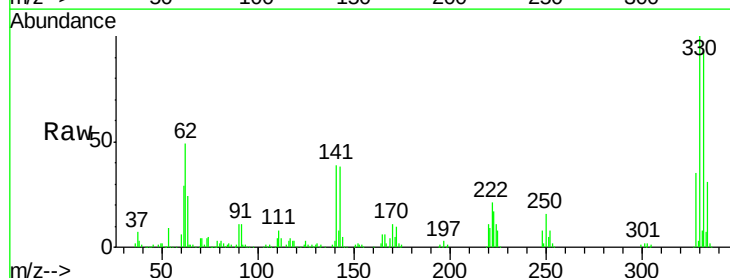


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

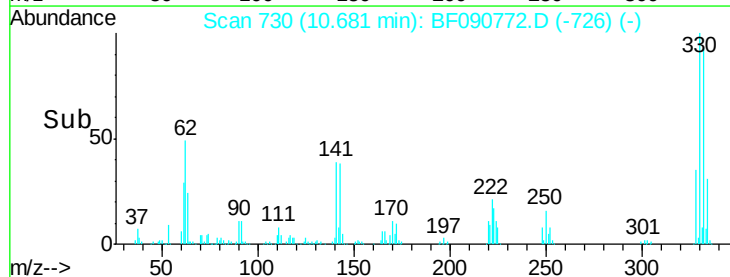
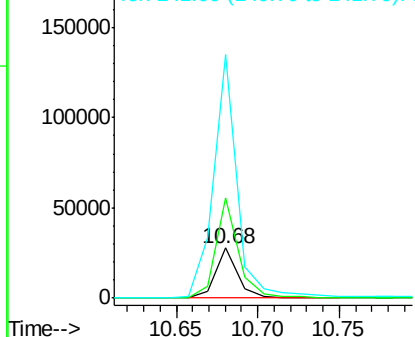


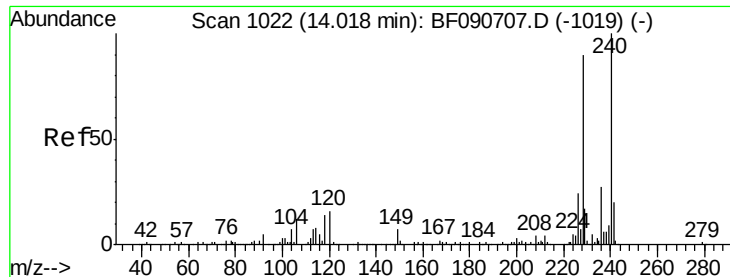
#66
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.68 min Scan# 730
Delta R.T. -0.25 min
Lab File: BF090772.D
Acq: 22 Oct 2016 19:43

Tgt Ion:248 Resp: 26323
Ion Ratio Lower Upper
248 100
250 199.4 78.5 117.7#
141 484.7 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: BF090772.D

Acq: 22 Oct 2016 19:43

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-14.5-15.0

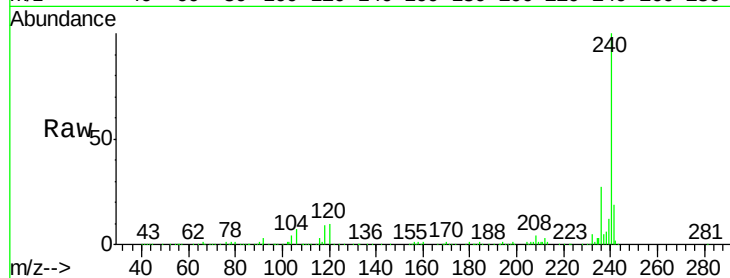
Tgt Ion:240 Resp: 467596

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

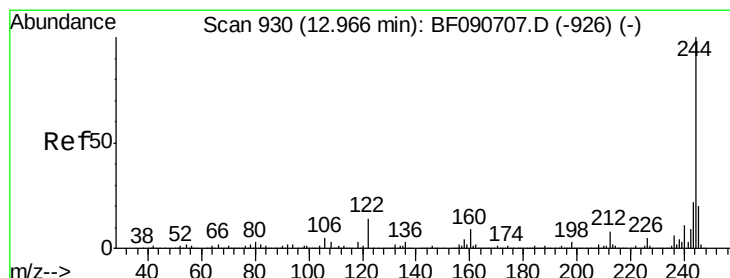
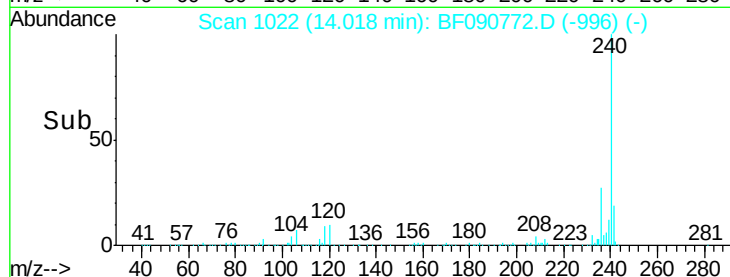
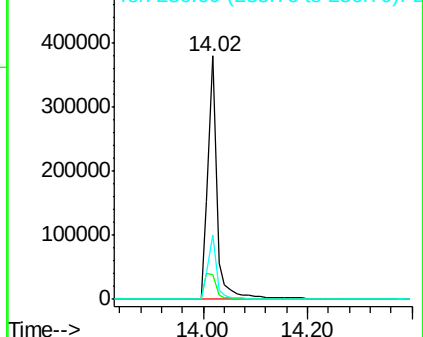
236 26.7 18.4 27.6



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: 77.74 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090772.D

Acq: 22 Oct 2016 19:43

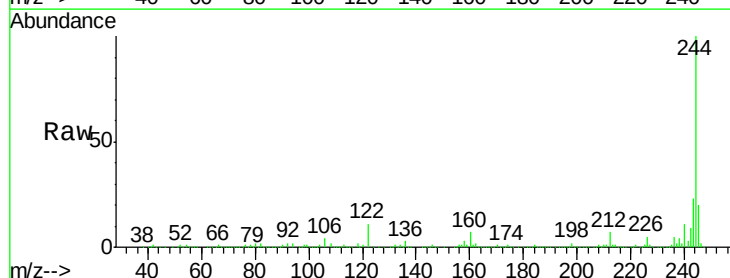
Tgt Ion:244 Resp: 1585982

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

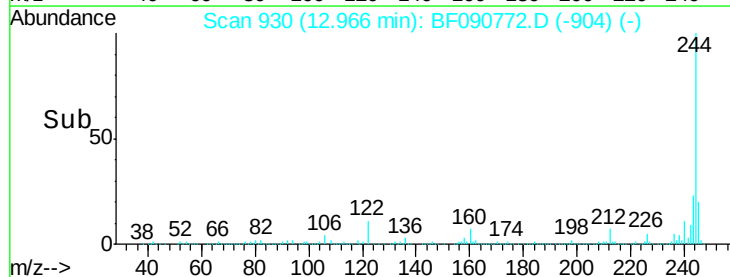
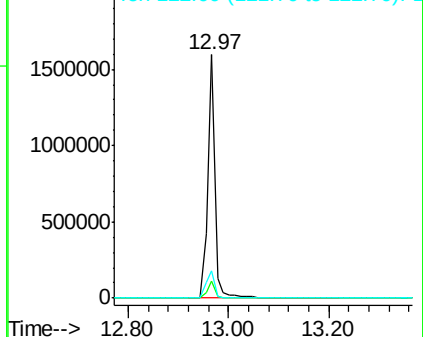
122 11.2 17.4 26.2#

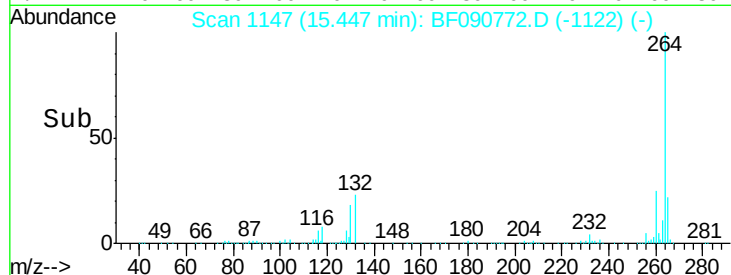
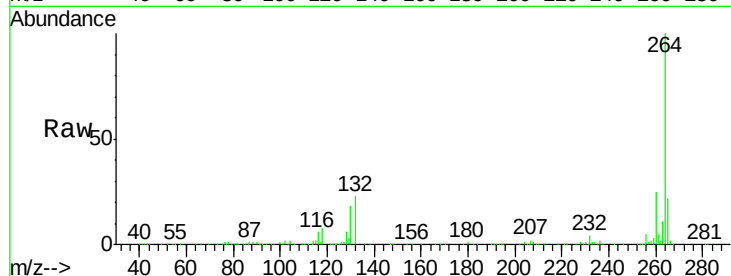
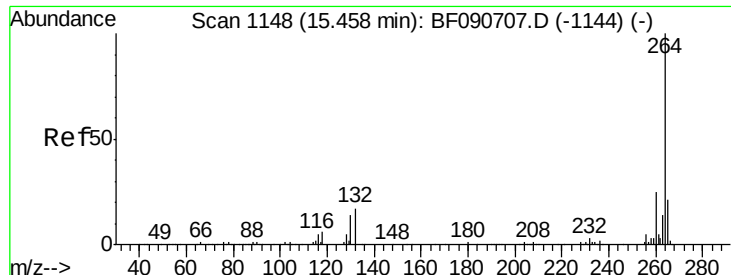


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090772.D
Acq: 22 Oct 2016 19:43

Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-14.5-15.0

Tgt Ion:	264	Resp:	356135
Ion	Ratio	Lower	Upper
264	100		
260	25.0	16.7	25.1
265	22.0	17.2	25.8

