

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090775.D
 Acq On : 22 Oct 2016 21:05
 Operator : UM/SJ
 Sample : H5343-06
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB05-14.5-15.0

Quant Time: Oct 24 00:56:08 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

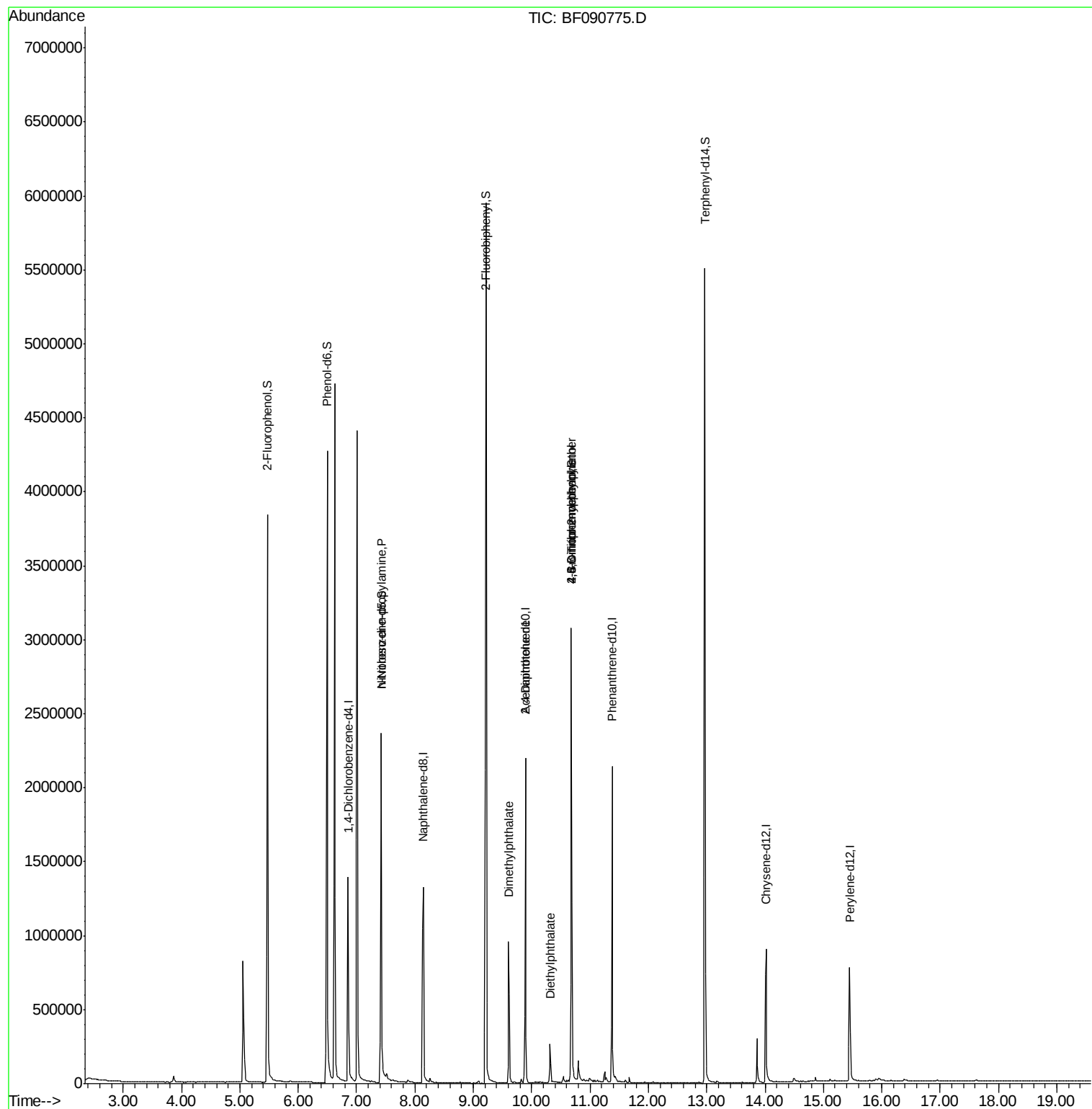
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	238158	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	955336	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	494990	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	816482	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	487393	20.00	ng	0.00
86) Perylene-d12	15.45	264	368511	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1608966	108.95	ng	0.01
7) Phenol-d6	6.50	99	2028158	101.40	ng	0.00
23) Nitrobenzene-d5	7.42	82	1334579	76.62	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	501154	127.92	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2150751	67.45	ng	-0.01
78) Terphenyl-d14	12.97	244	1877043	88.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	171606	11.52	ng	# 49
49) Dimethylphthalate	9.61	163	571092	18.36	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	63929	7.82	ng	# 33
59) Diethylphthalate	10.31	149	110581	3.43	ng	98
64) 4,6-Dinitro-2-methylphenol	10.68	198	656	4.29	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	31154	3.94	ng	# 1

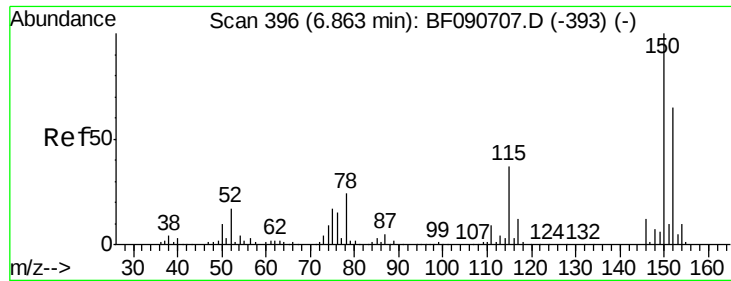
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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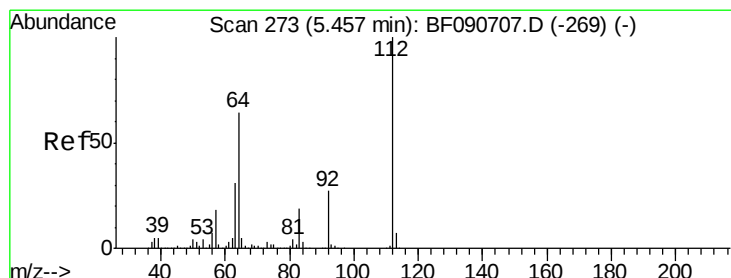
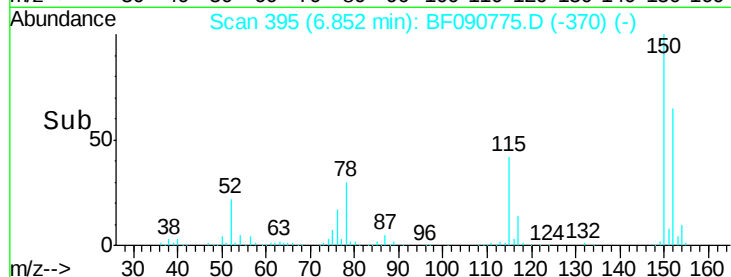
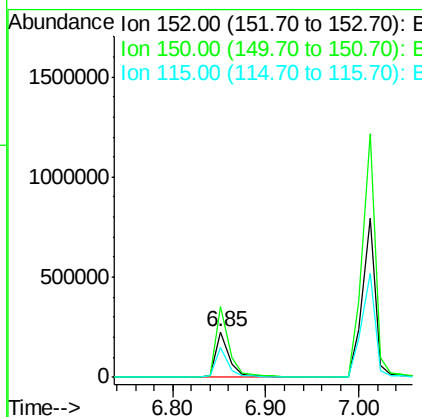
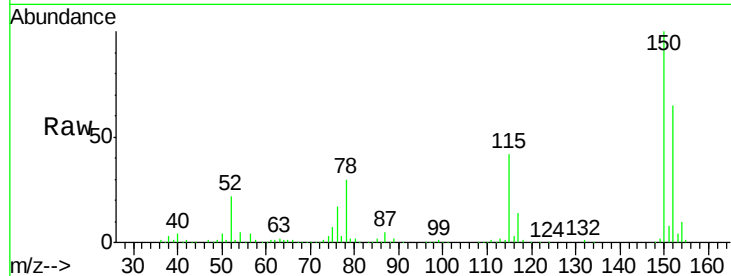


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090775.D
Acq: 22 Oct 2016 21:05

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-14.5-15.0

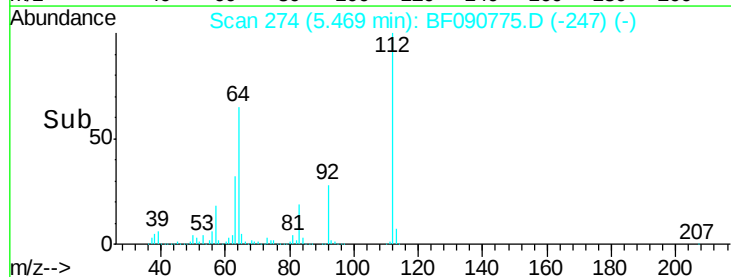
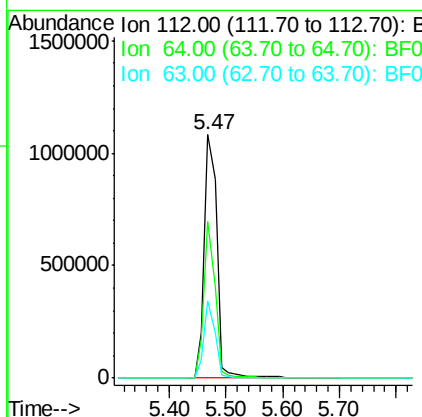
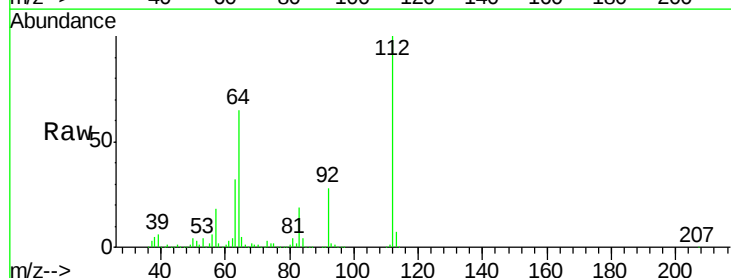
Tgt Ion:152 Resp: 238158
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 65.6 39.0 58.4#



#5

2-Fluorophenol
Concen: 108.95 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090775.D
Acq: 22 Oct 2016 21:05

Tgt Ion:112 Resp: 1608966
Ion Ratio Lower Upper
112 100
64 64.5 39.7 59.5#
63 31.6 17.4 26.0#





#7

Phenol-d6

Concen: 101.40 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090775.D

Acq: 22 Oct 2016 21:05

Instrument :

BNA_F

ClientSampleId :

RMAB-SB05-14.5-15.0

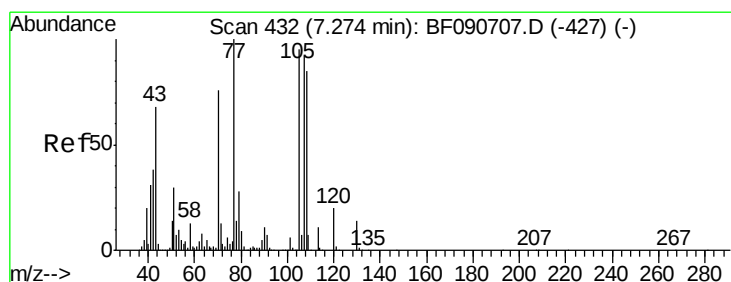
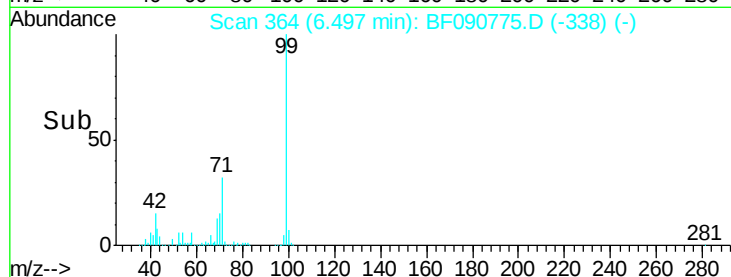
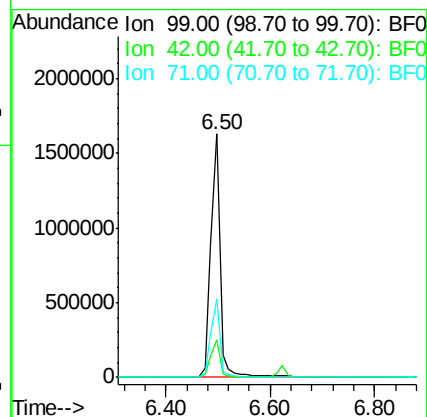
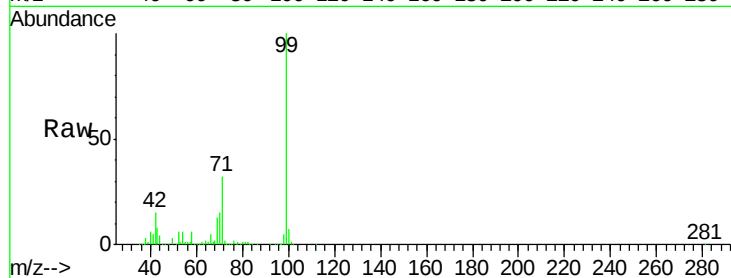
Tgt Ion: 99 Resp: 2028158

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

71 32.3 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 11.52 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090775.D

Acq: 22 Oct 2016 21:05

Tgt Ion: 70 Resp: 171606

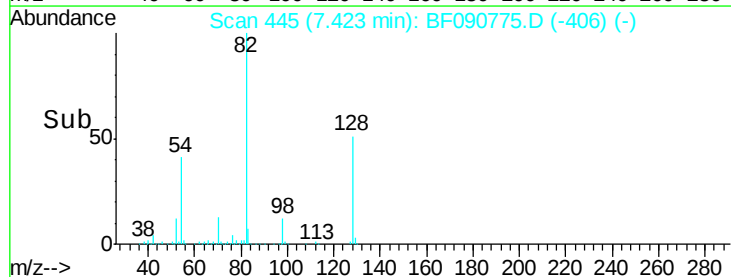
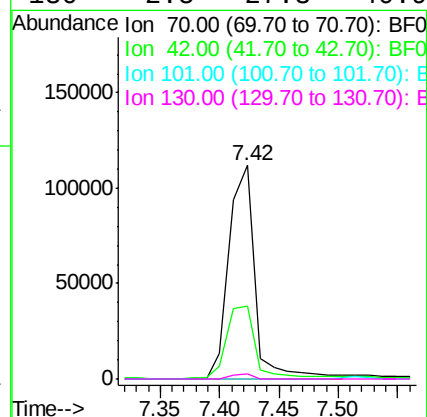
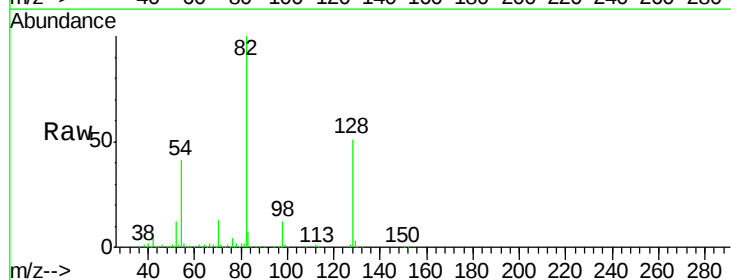
Ion Ratio Lower Upper

70 100

42 34.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.5 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: BF090775.D

Acq: 22 Oct 2016 21:05

Instrument :

BNA_F

ClientSampleId :

RMAB-SB05-14.5-15.0

Tgt Ion:136 Resp: 955336

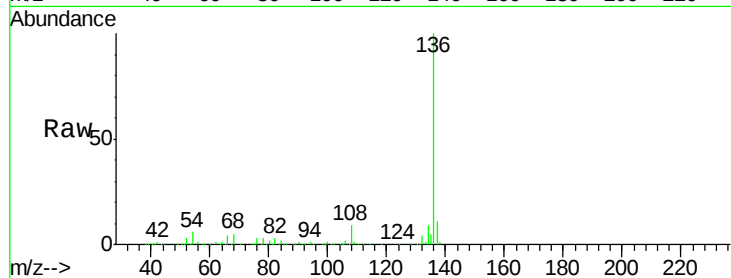
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.0 8.2 12.2#

68 5.4 5.8 8.6#

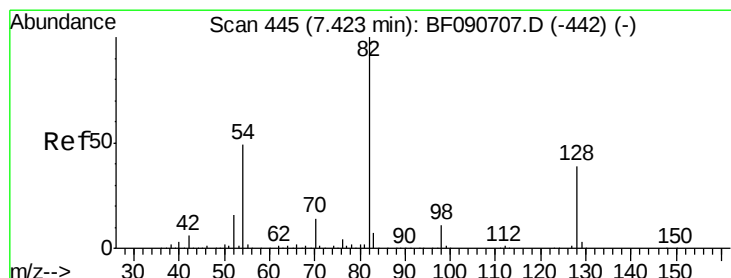
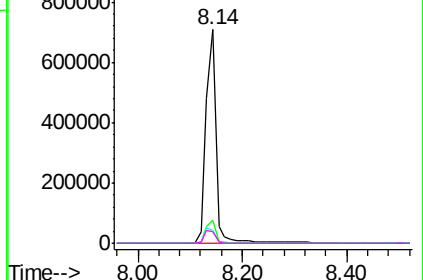
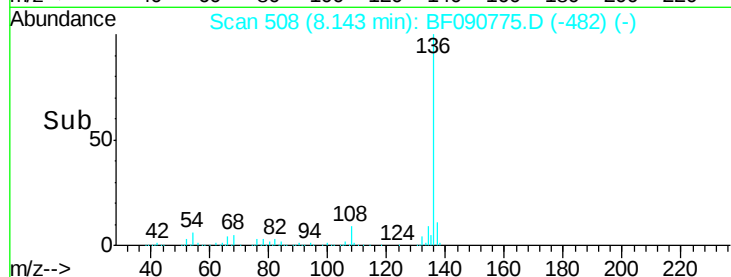


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.62 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090775.D

Acq: 22 Oct 2016 21:05

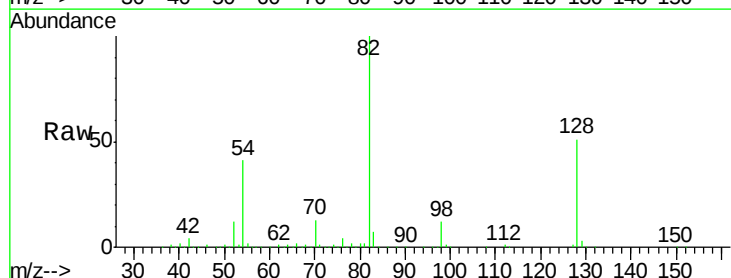
Tgt Ion: 82 Resp: 1334579

Ion Ratio Lower Upper

82 100

128 50.6 51.0 76.6#

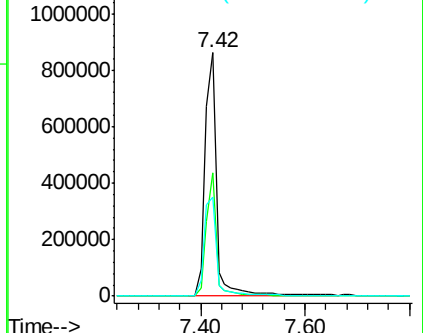
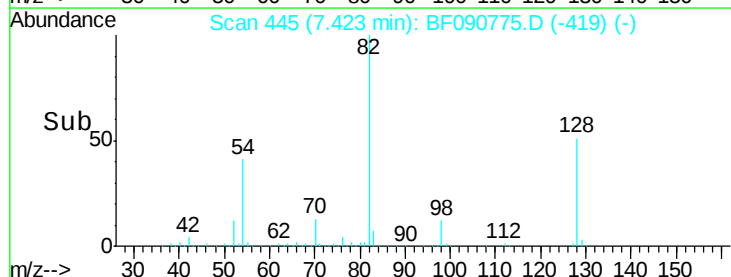
54 40.6 47.5 71.3#

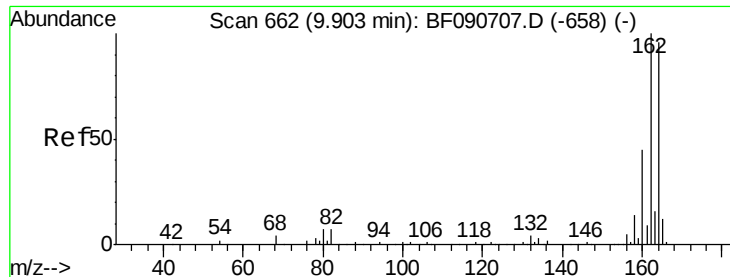


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF090775.D

Acq: 22 Oct 2016 21:05

Instrument :

BNA_F

ClientSampleId :

RMAB-SB05-14.5-15.0

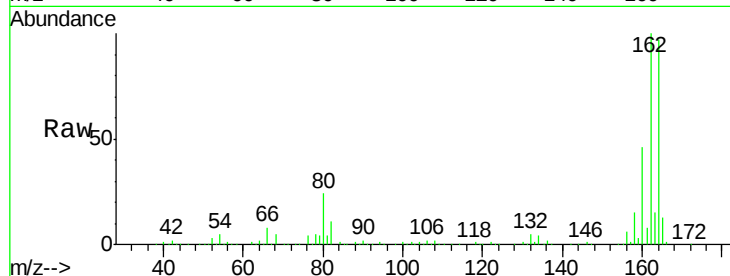
Tgt Ion:164 Resp: 494990

Ion Ratio Lower Upper

164 100

162 103.2 75.2 112.8

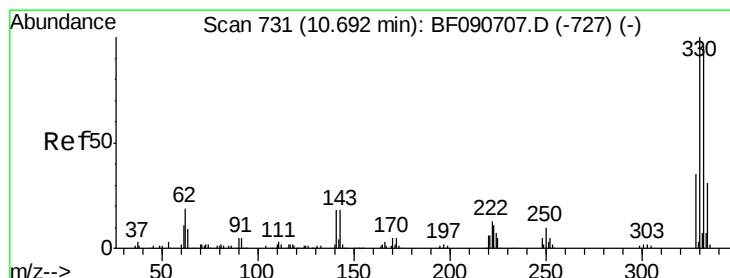
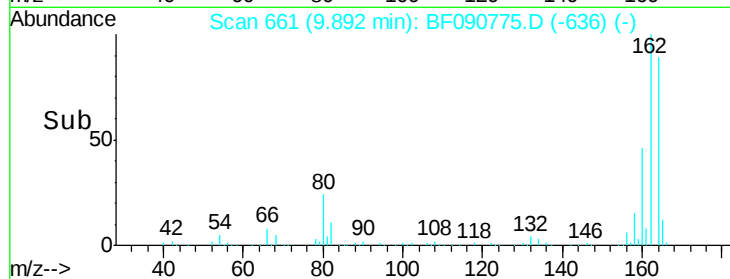
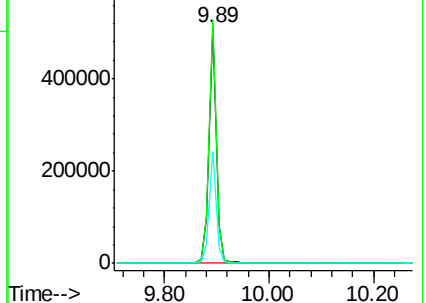
160 47.1 31.5 47.3



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: 127.92 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090775.D

Acq: 22 Oct 2016 21:05

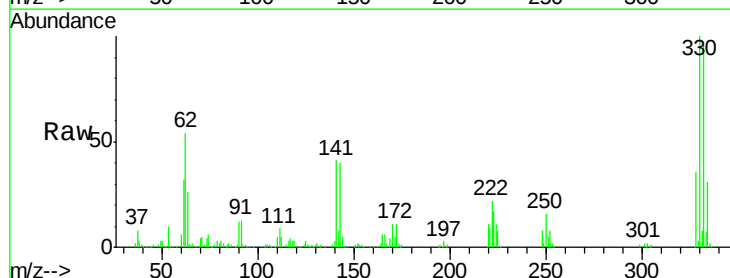
Tgt Ion:330 Resp: 501154

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

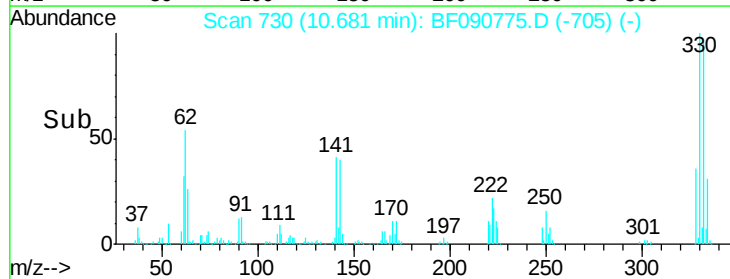
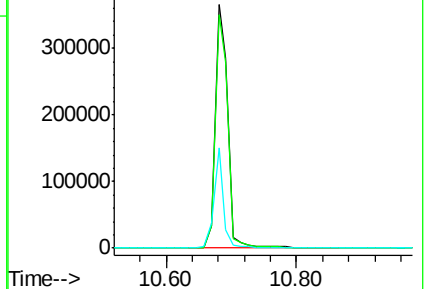
141 31.6 29.7 44.5

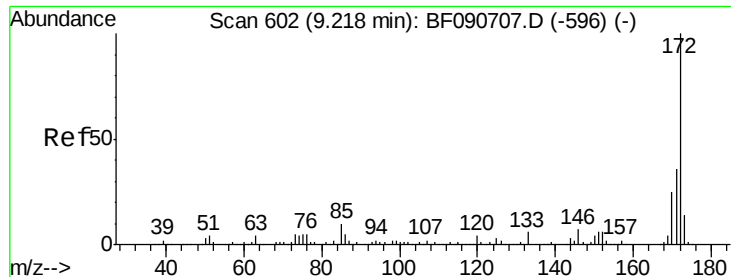


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

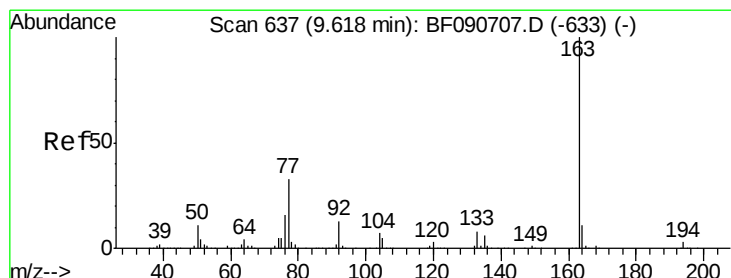
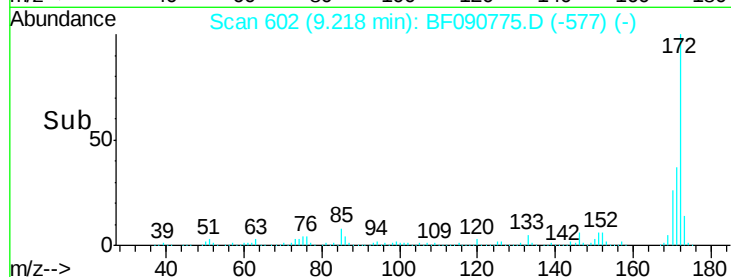
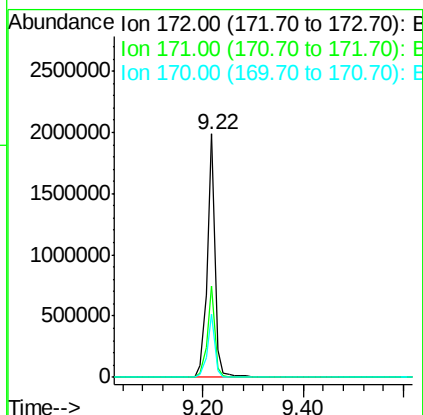
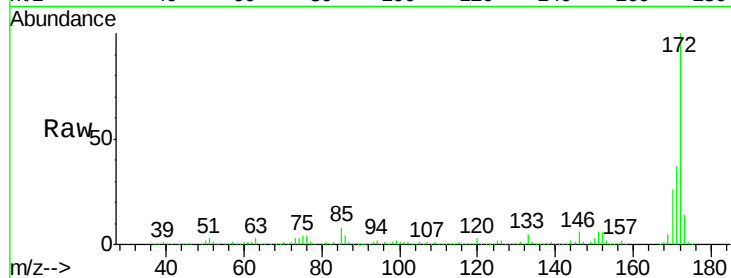




#44
 2-Fluorobiphenyl
 Concen: 67.45 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090775.D
 Acq: 22 Oct 2016 21:05

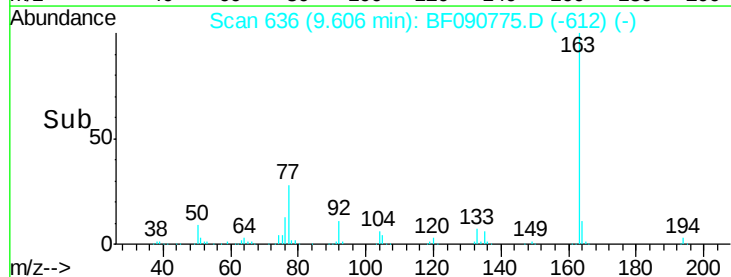
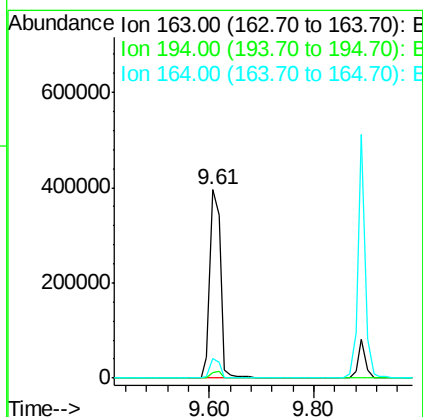
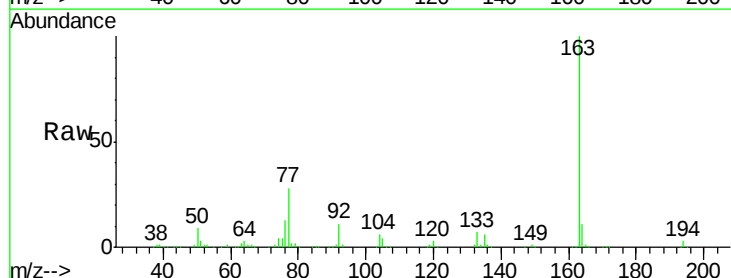
Instrument :
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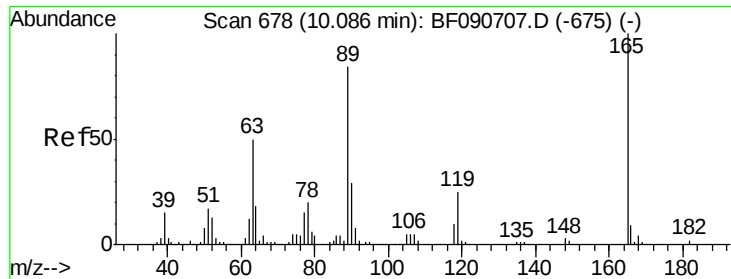
Tgt Ion:172 Resp: 2150751
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 25.9 17.4 26.2



#49
 Dimethylphthalate
 Concen: 18.36 ng
 RT: 9.61 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF090775.D
 Acq: 22 Oct 2016 21:05

Tgt Ion:163 Resp: 571092
 Ion Ratio Lower Upper
 163 100
 194 2.9 4.4 6.6#
 164 10.7 8.3 12.5

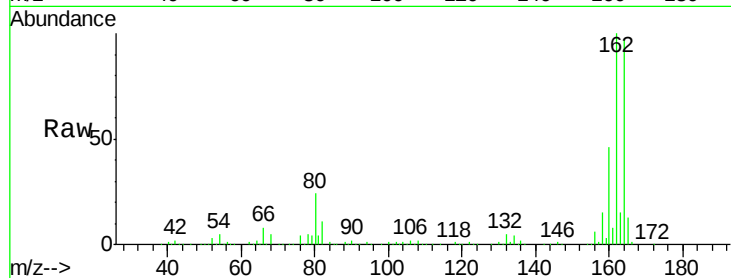




#56
2,4-Dinitrotoluene
Concen: 7.82 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090775.D
Acq: 22 Oct 2016 21:05

Instrument :
BNA_F
ClientSampleId :
RMAB-SB05-14.5-15.0

Tgt Ion:	165	Resp:	63929
Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#

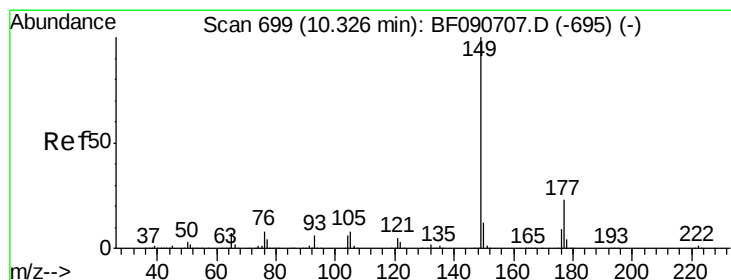
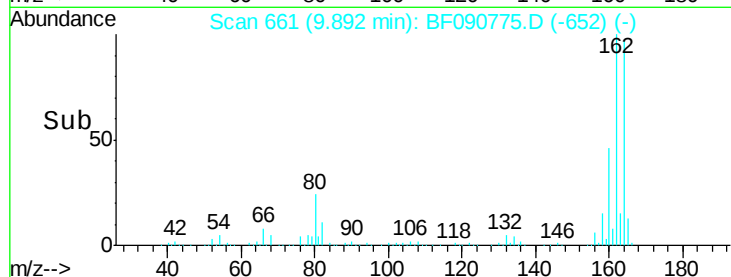
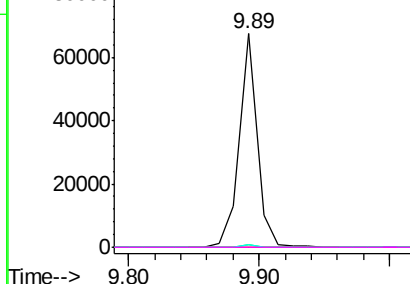


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

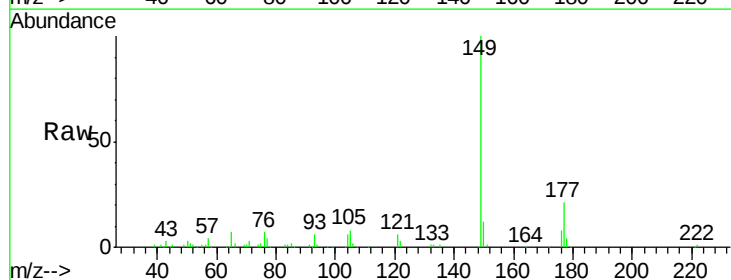
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#59
Diethylphthalate
Concen: 3.43 ng
RT: 10.31 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF090775.D
Acq: 22 Oct 2016 21:05

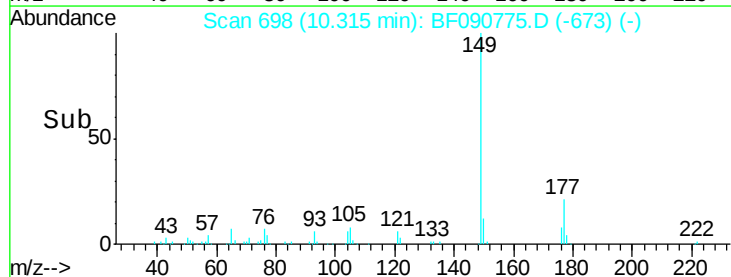
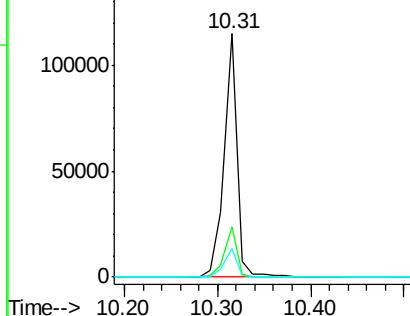
Tgt Ion:	149	Resp:	110581
Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.5	26.3
150	11.6	9.4	14.2

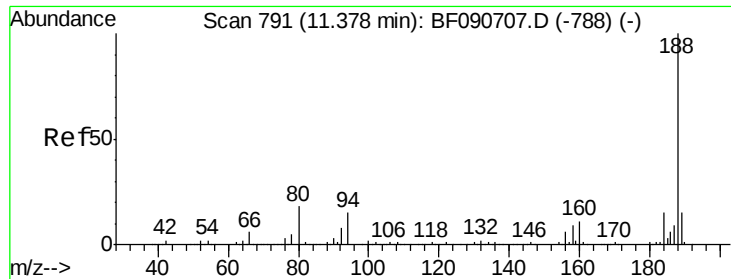


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

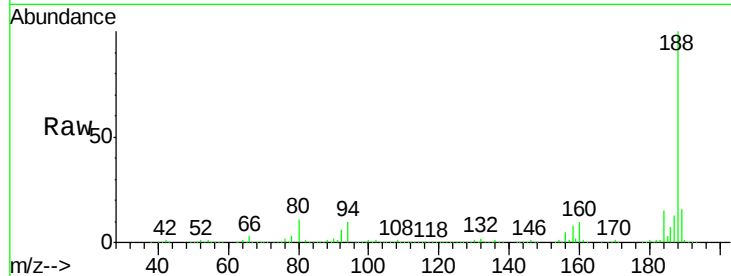




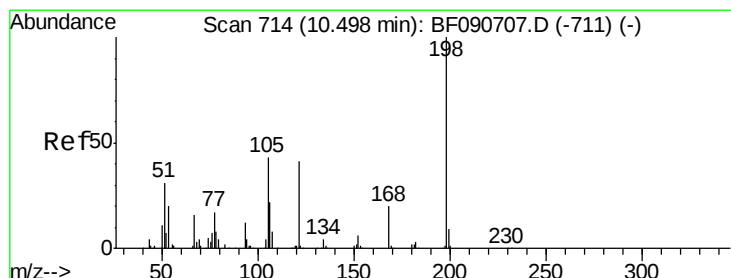
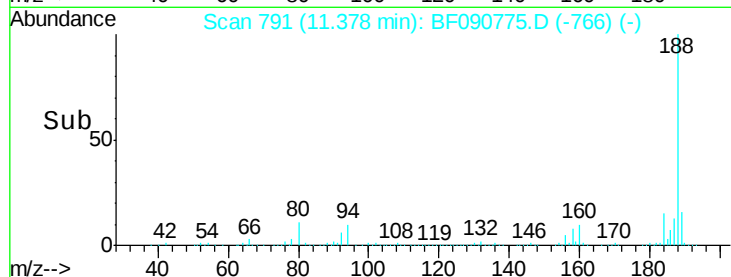
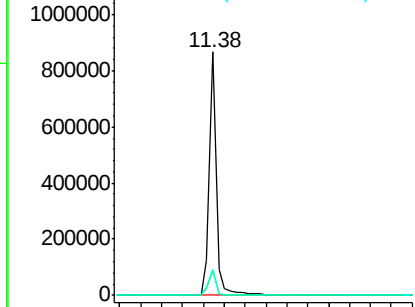
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090775.D
 Acq: 22 Oct 2016 21:05

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB05-14.5-15.0

Tgt Ion:188 Resp: 816482
 Ion Ratio Lower Upper
 188 100
 94 10.2 11.1 16.7#
 80 10.8 11.0 16.4#

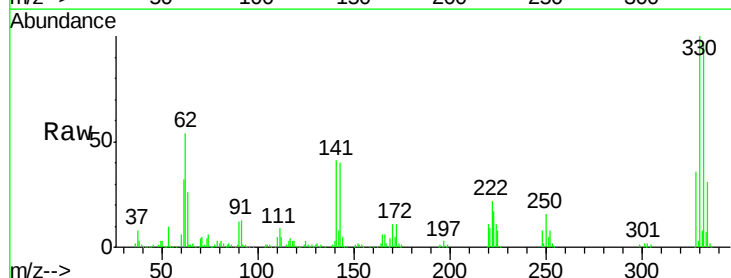


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

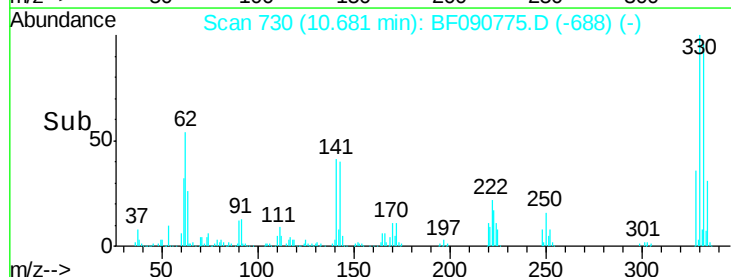
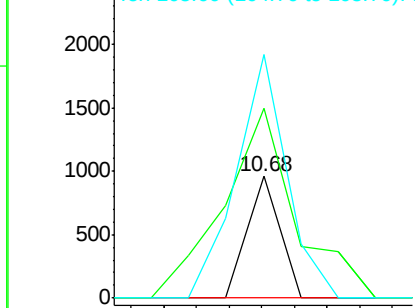


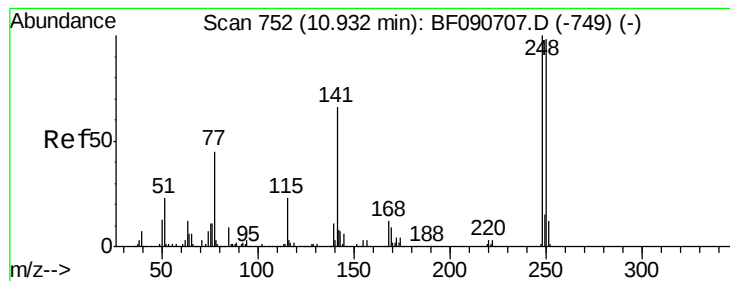
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.29 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090775.D
 Acq: 22 Oct 2016 21:05

Tgt Ion:198 Resp: 656
 Ion Ratio Lower Upper
 198 100
 51 155.9 39.6 79.6#
 105 200.6 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: 3.94 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090775.D

Acq: 22 Oct 2016 21:05

Instrument :

BNA_F

ClientSampleId :

RMAB-SB05-14.5-15.0

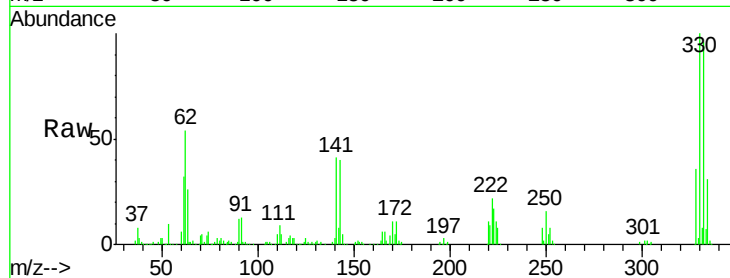
Tgt Ion:248 Resp: 31154

Ion Ratio Lower Upper

248 100

250 200.3 78.5 117.7#

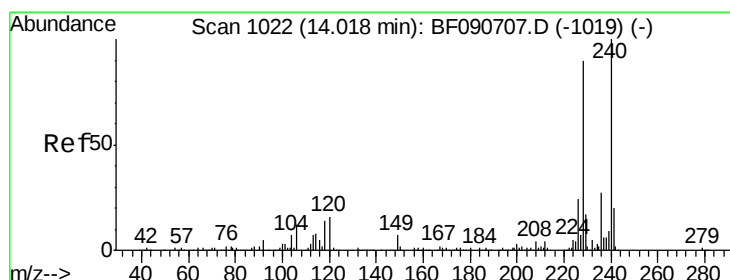
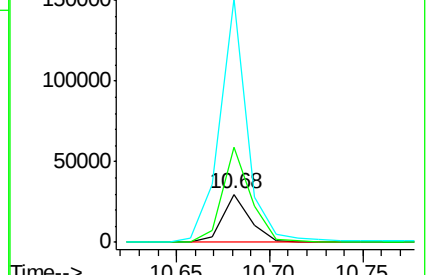
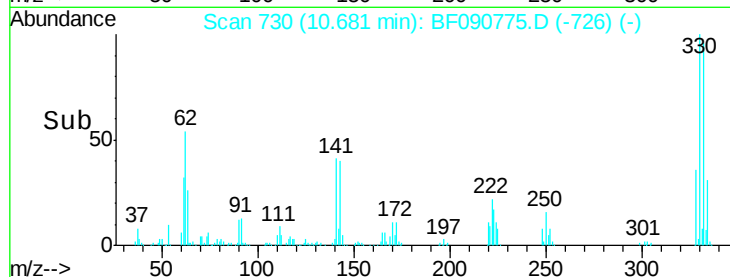
141 509.3 59.0 88.6#



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: BF090775.D

Acq: 22 Oct 2016 21:05

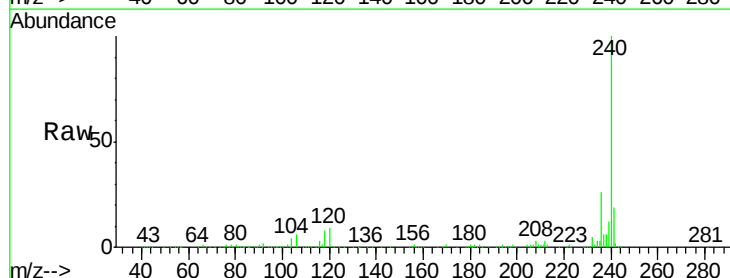
Tgt Ion:240 Resp: 487393

Ion Ratio Lower Upper

240 100

120 9.0 16.2 24.2#

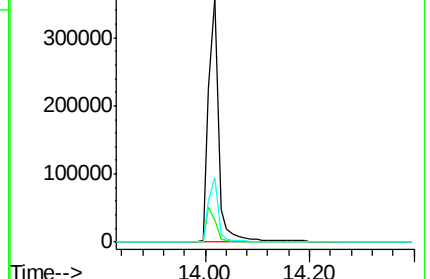
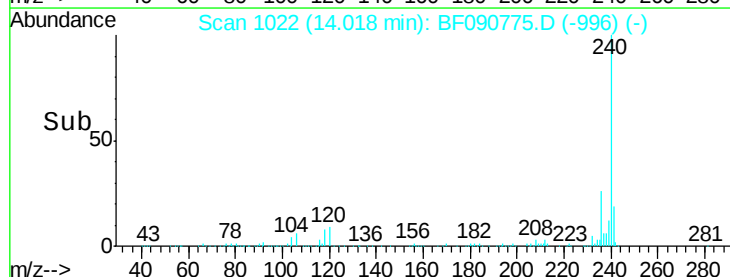
236 26.5 18.4 27.6

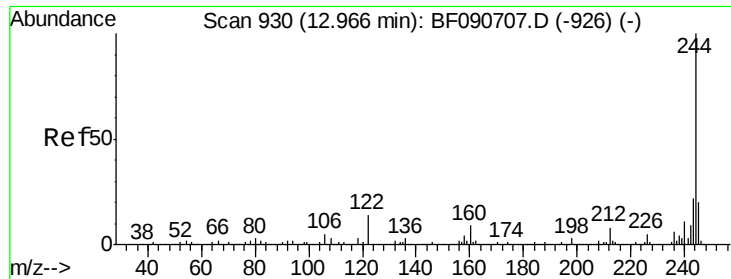


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

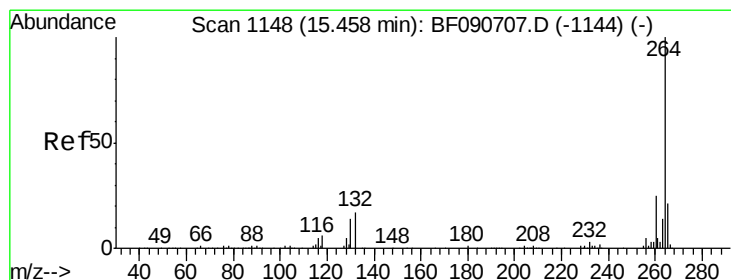
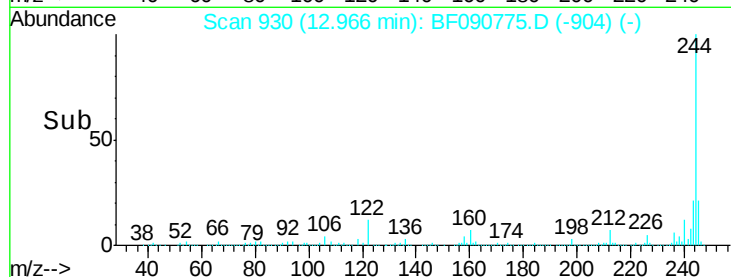
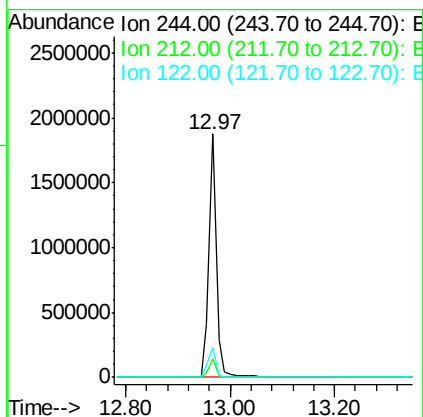
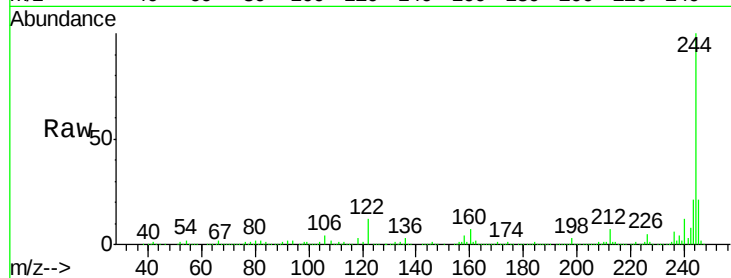




#78
 Terphenyl-d14
 Concen: 88.26 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090775.D
 Acq: 22 Oct 2016 21:05

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB05-14.5-15.0

Tgt Ion:244 Resp: 1877043
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 12.4 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: BF090775.D
 Acq: 22 Oct 2016 21:05

Tgt Ion:264 Resp: 368511
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1#
 265 21.7 17.2 25.8

