

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090778.D
 Acq On : 22 Oct 2016 22:27
 Operator : UM/SJ
 Sample : H5343-09
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-15.5-16.0

Quant Time: Oct 24 00:56:46 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

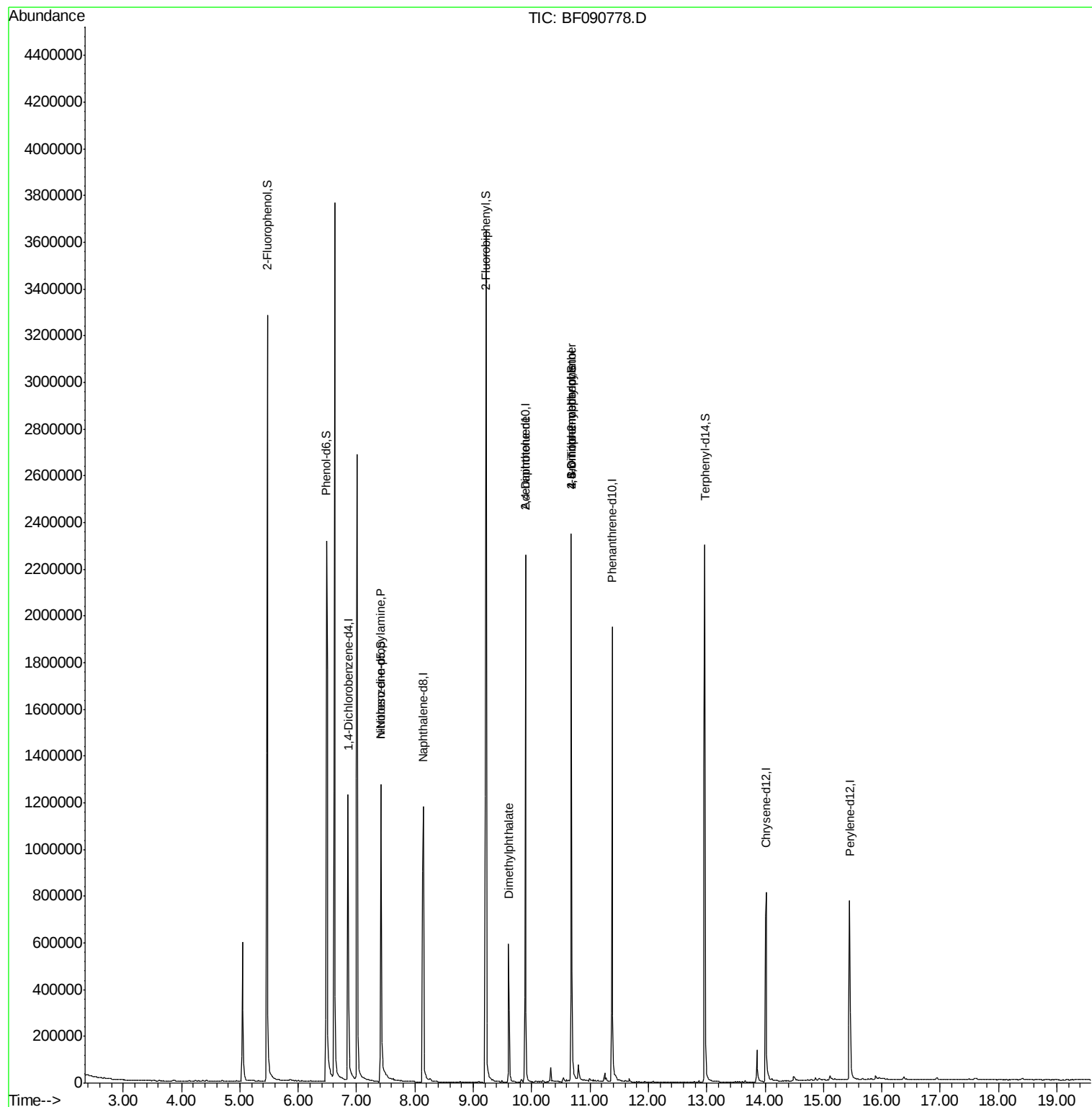
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	226040	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	887614	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	486878	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	765119	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	465494	20.00	ng	0.00
86) Perylene-d12	15.45	264	358876	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1111428	79.30	ng	0.01
7) Phenol-d6	6.49	99	1379384	72.66	ng	-0.01
23) Nitrobenzene-d5	7.41	82	791962	48.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	307822	79.88	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1339374	42.70	ng	-0.01
78) Terphenyl-d14	12.97	244	984517	48.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	99276	7.02	ng	# 52
49) Dimethylphthalate	9.61	163	327367	10.70	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	63407	7.89	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	458	4.26	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	19754	2.66	ng	# 1

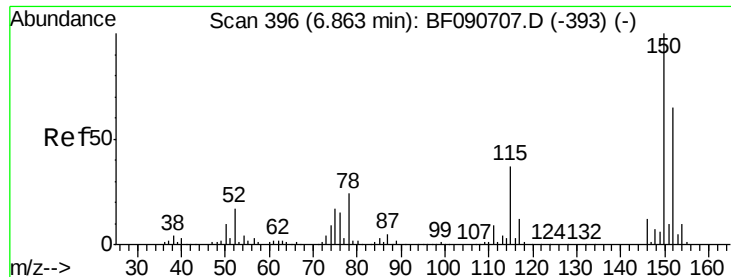
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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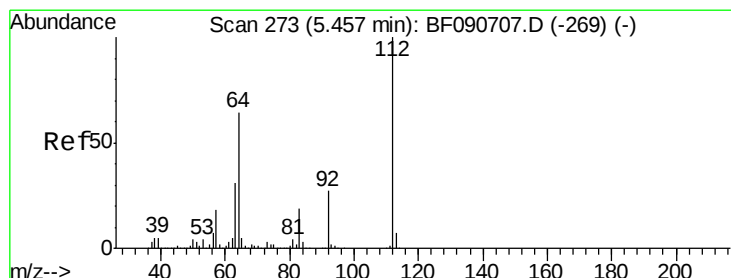
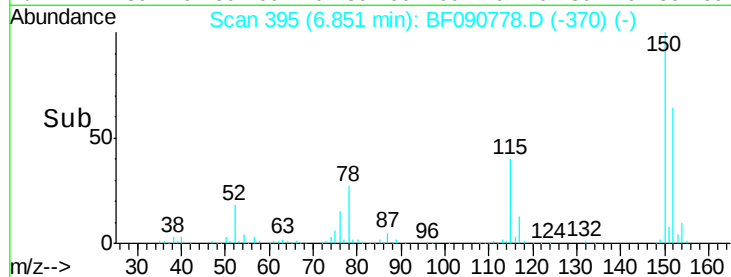
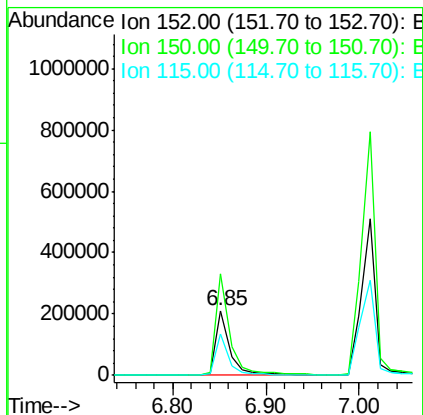
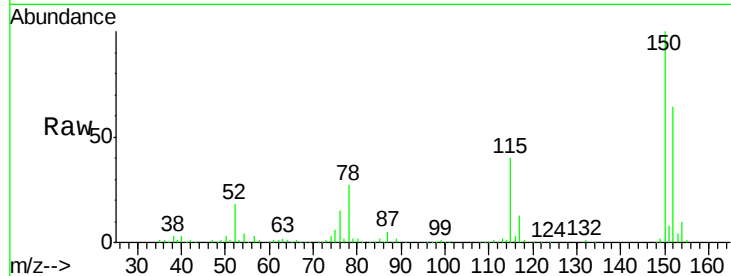


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090778.D
Acq: 22 Oct 2016 22:27

Instrument :
BNA_F
ClientSampleId :
RMAB-SB04-15.5-16.0

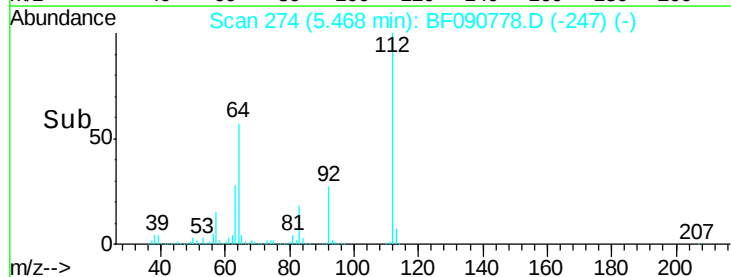
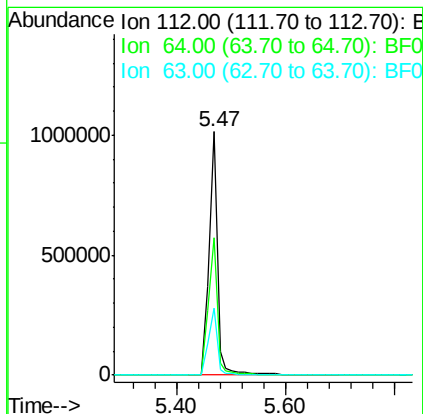
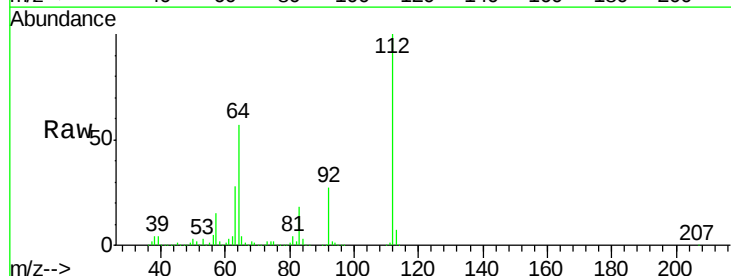
Tgt Ion:152 Resp: 226040
Ion Ratio Lower Upper
152 100
150 156.9 124.7 187.1
115 63.1 39.0 58.4#

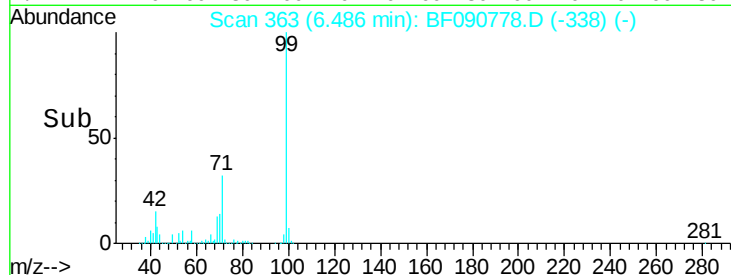
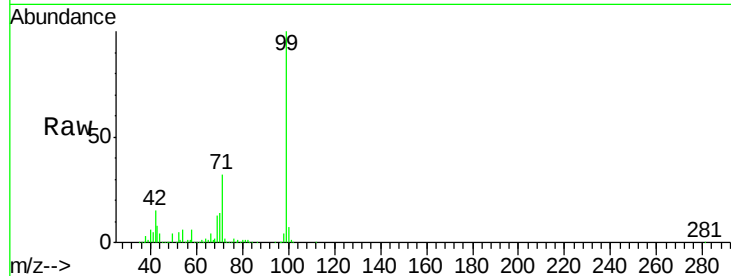


#5

2-Fluorophenol
Concen: 79.30 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090778.D
Acq: 22 Oct 2016 22:27

Tgt Ion:112 Resp: 1111428
Ion Ratio Lower Upper
112 100
64 56.5 39.7 59.5
63 27.6 17.4 26.0#





#7

Phenol-d6

Concen: 72.66 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090778.D

Acq: 22 Oct 2016 22:27

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-15.5-16.0

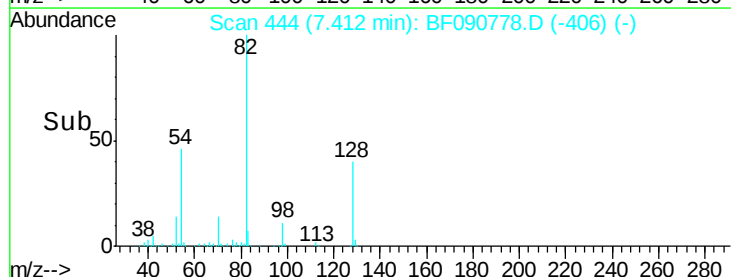
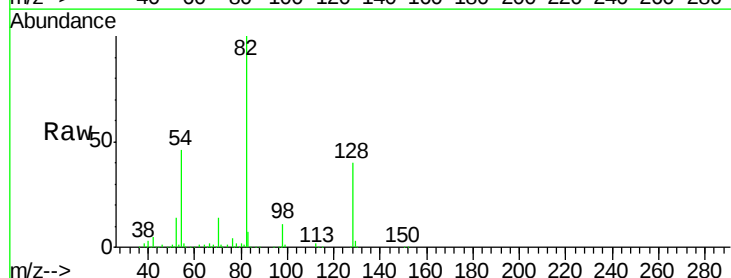
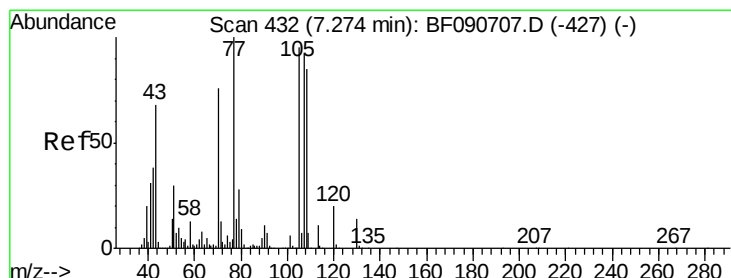
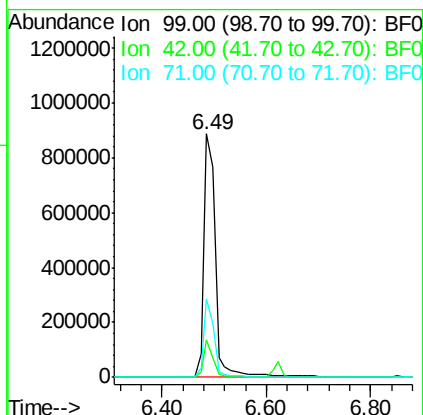
Tgt Ion: 99 Resp: 1379384

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

71 32.3 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 7.02 ng

RT: 7.41 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF090778.D

Acq: 22 Oct 2016 22:27

Tgt Ion: 70 Resp: 99276

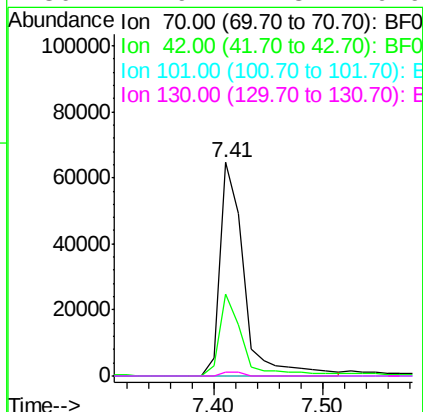
Ion Ratio Lower Upper

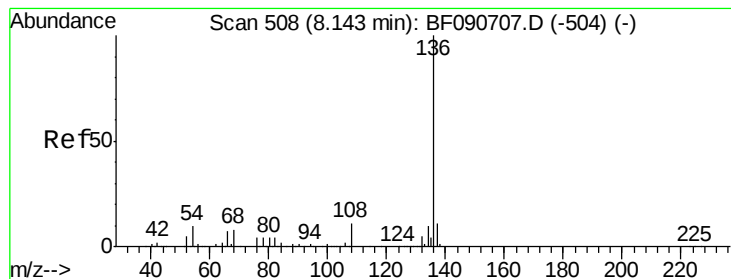
70 100

42 38.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 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: BF090778.D

Acq: 22 Oct 2016 22:27

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-15.5-16.0

Tgt Ion:136 Resp: 887614

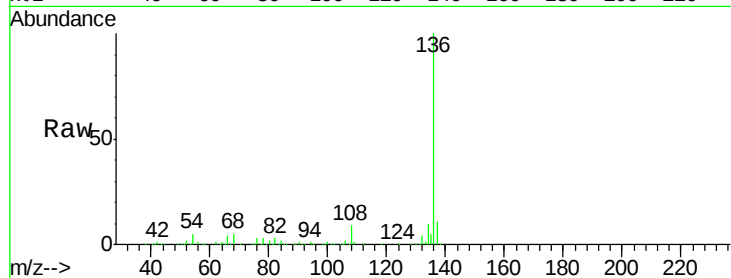
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 5.0 8.2 12.2#

68 5.0 5.8 8.6#

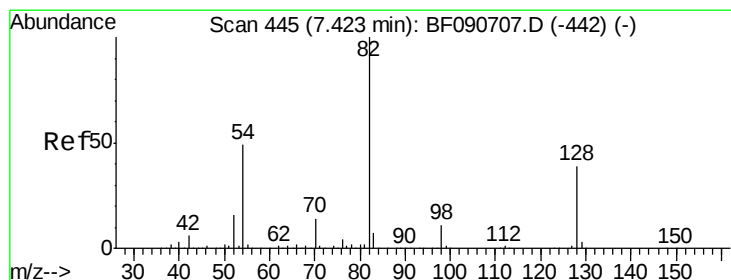
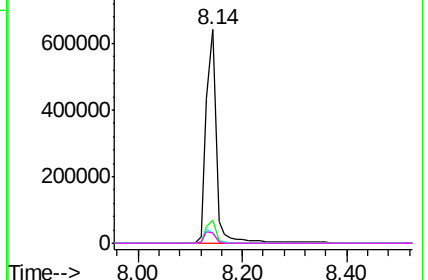
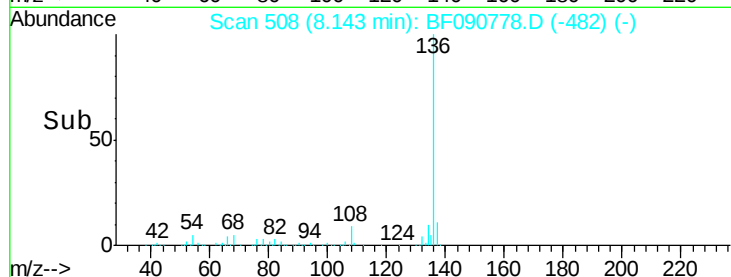


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.94 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF090778.D

Acq: 22 Oct 2016 22:27

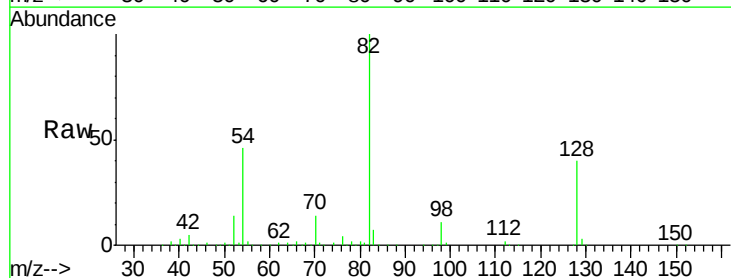
Tgt Ion: 82 Resp: 791962

Ion Ratio Lower Upper

82 100

128 39.6 51.0 76.6#

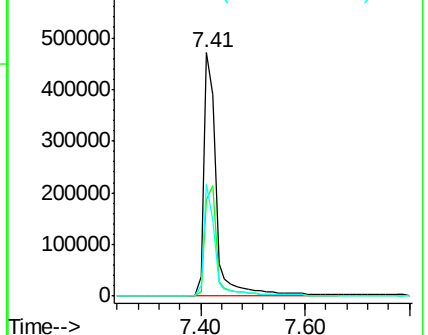
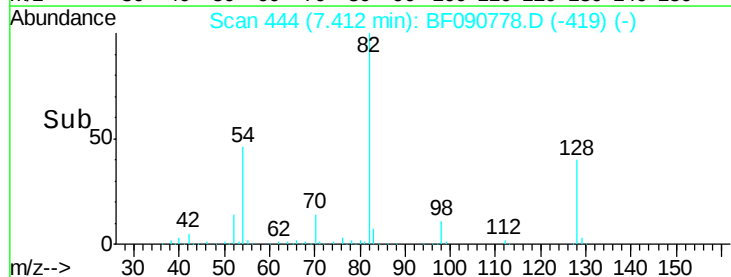
54 46.1 47.5 71.3#

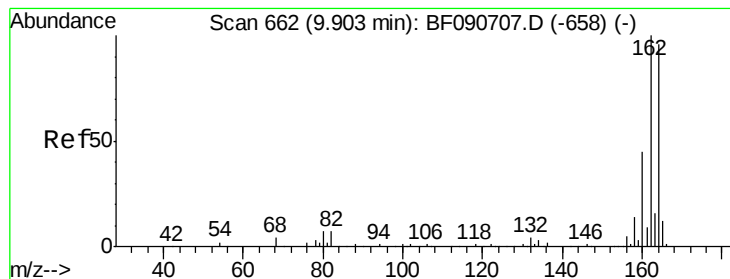


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF090778.D

Acq: 22 Oct 2016 22:27

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-15.5-16.0

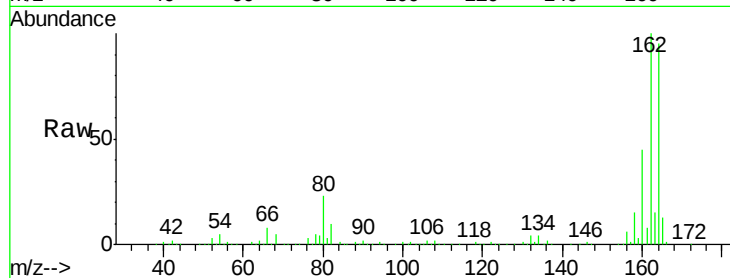
Tgt Ion:164 Resp: 486878

Ion Ratio Lower Upper

164 100

162 105.2 75.2 112.8

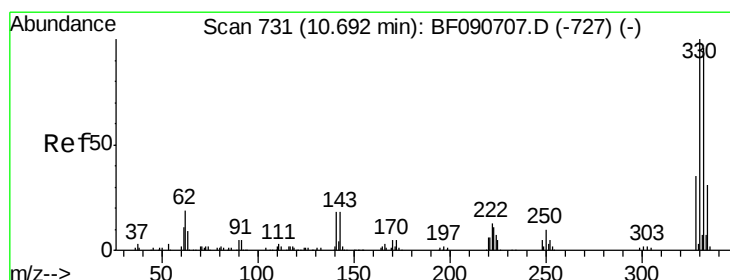
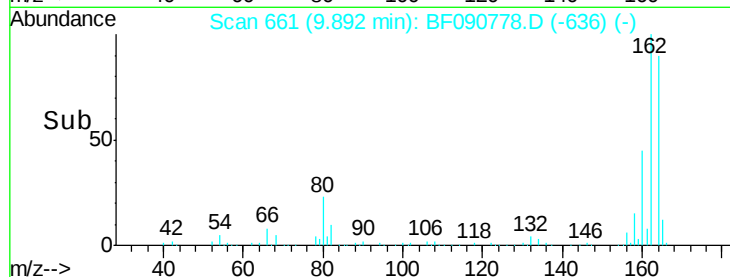
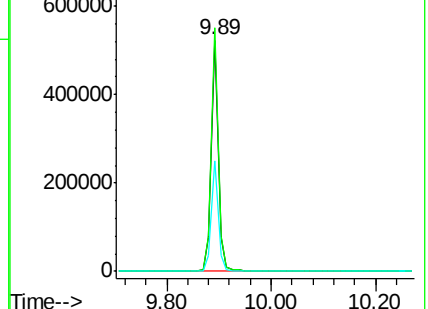
160 47.7 31.5 47.3#



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: 79.88 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090778.D

Acq: 22 Oct 2016 22:27

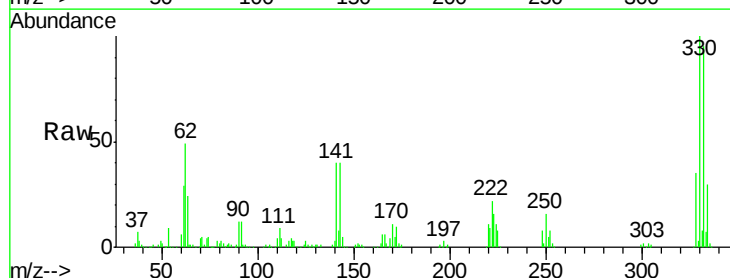
Tgt Ion:330 Resp: 307822

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

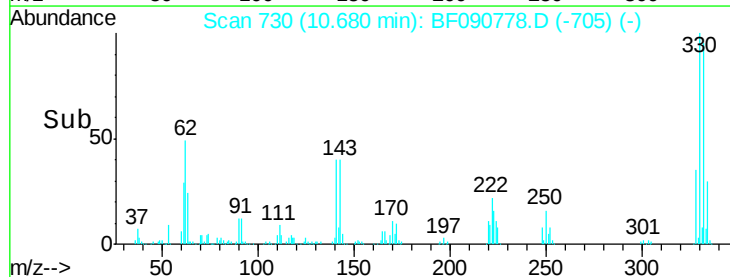
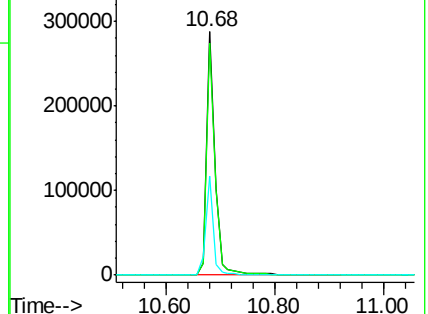
141 37.2 29.7 44.5

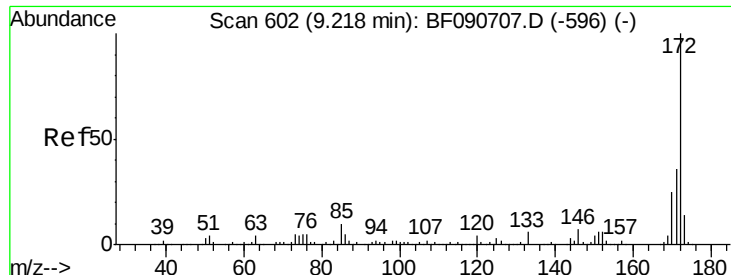


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

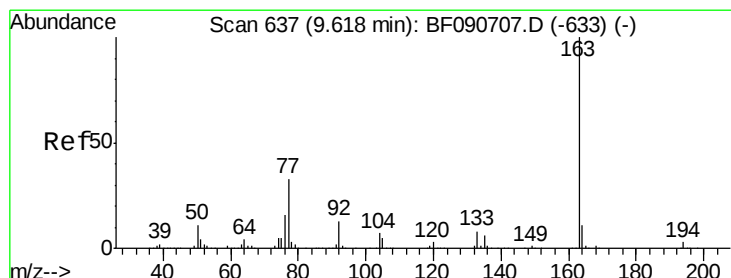
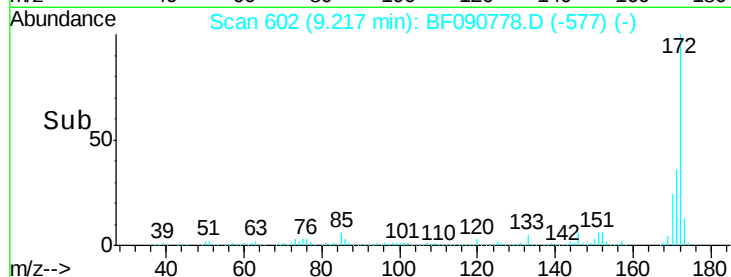
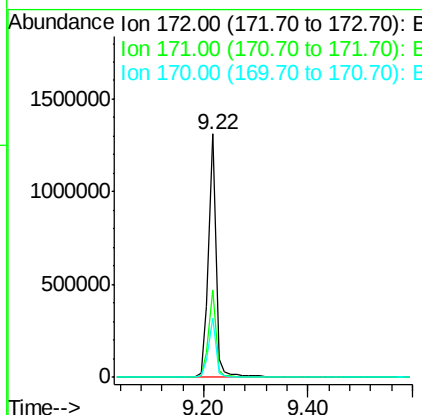
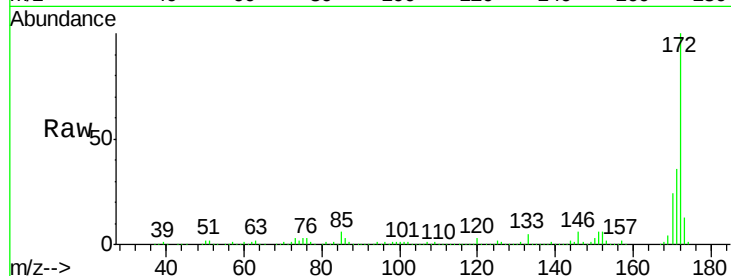




#44
 2-Fluorobiphenyl
 Concen: 42.70 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090778.D
 Acq: 22 Oct 2016 22:27

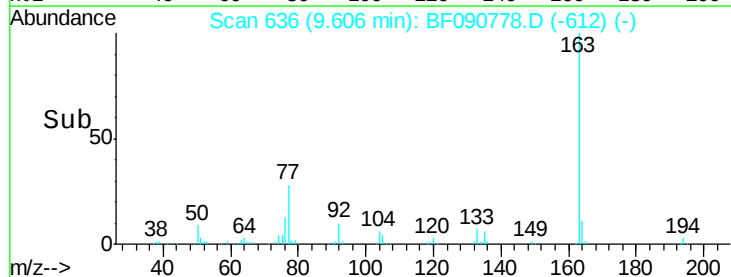
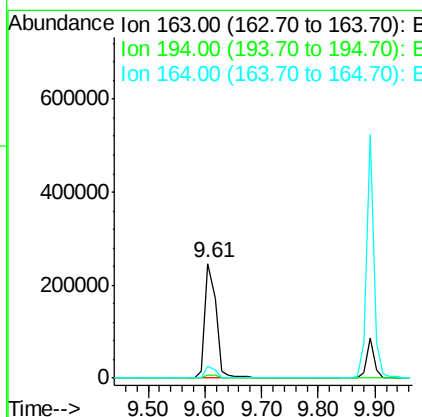
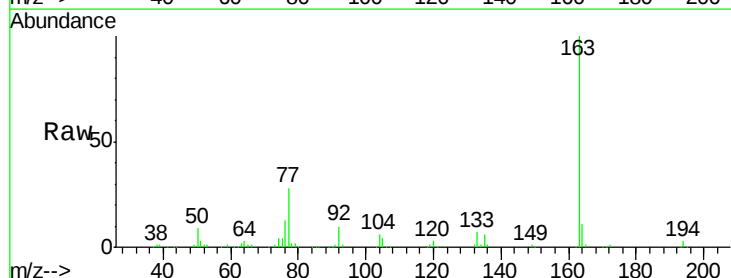
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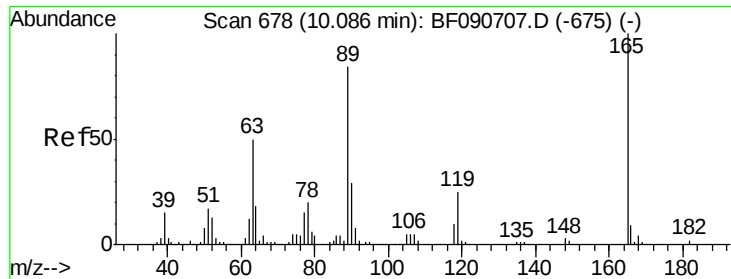
Tgt Ion:172 Resp: 1339374
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.4 17.4 26.2



#49
 Dimethylphthalate
 Concen: 10.70 ng
 RT: 9.61 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF090778.D
 Acq: 22 Oct 2016 22:27

Tgt Ion:163 Resp: 327367
 Ion Ratio Lower Upper
 163 100
 194 2.9 4.4 6.6#
 164 10.6 8.3 12.5

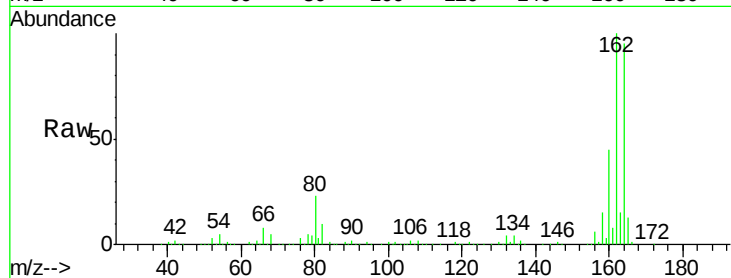




#56
 2,4-Dinitrotoluene
 Concen: 7.89 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090778.D
 Acq: 22 Oct 2016 22:27

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-15.5-16.0

Tgt Ion:	165	Resp:	63407
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#

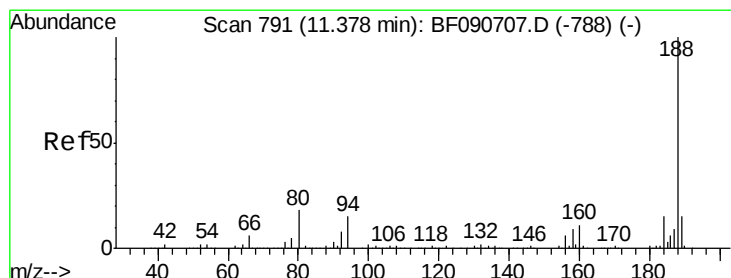
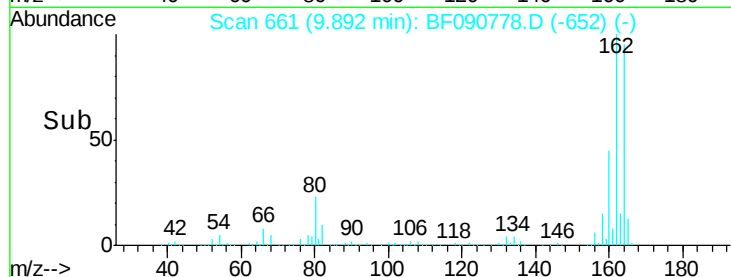
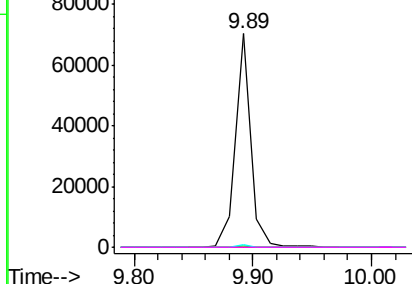


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

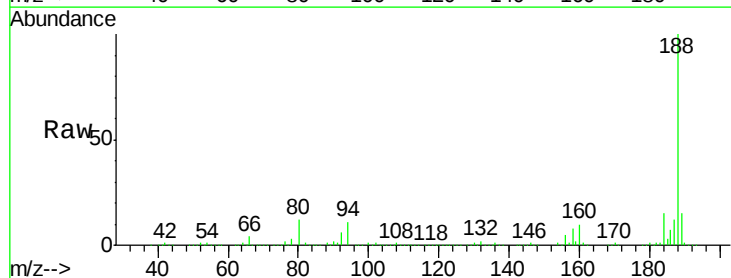
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090778.D
 Acq: 22 Oct 2016 22:27

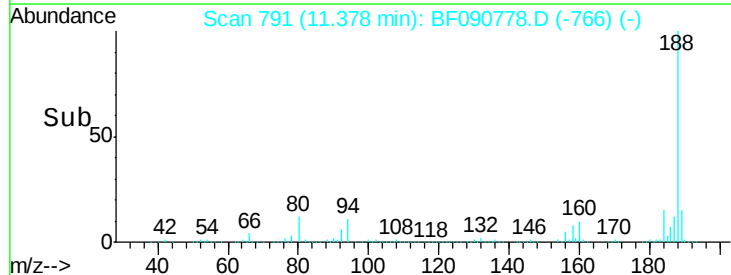
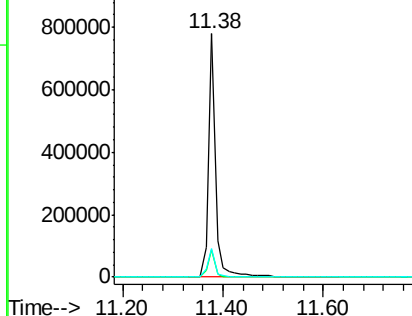
Tgt Ion:	188	Resp:	765119
Ion	Ratio	Lower	Upper
188	100		
94	11.0	11.1	16.7#
80	11.8	11.0	16.4

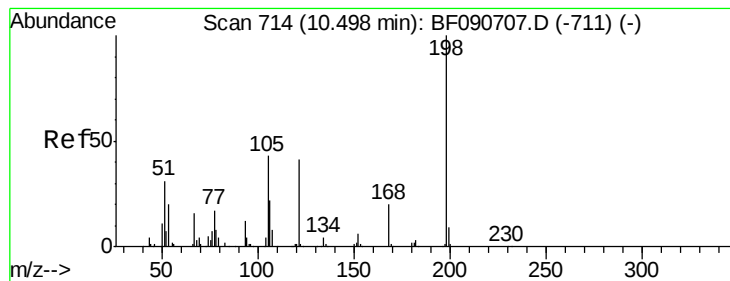


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.26 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090778.D

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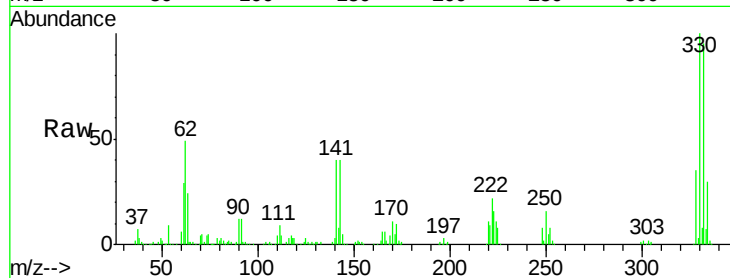
Tgt Ion:198 Resp: 458

Ion Ratio Lower Upper

198 100

51 182.8 39.6 79.6#

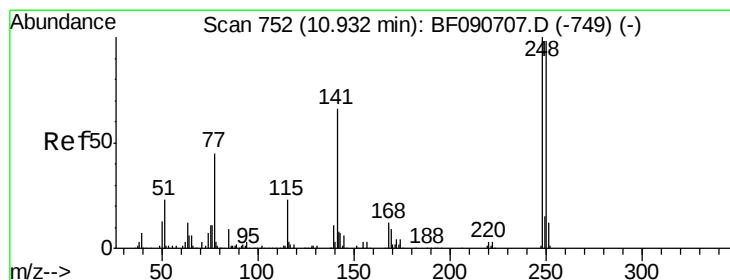
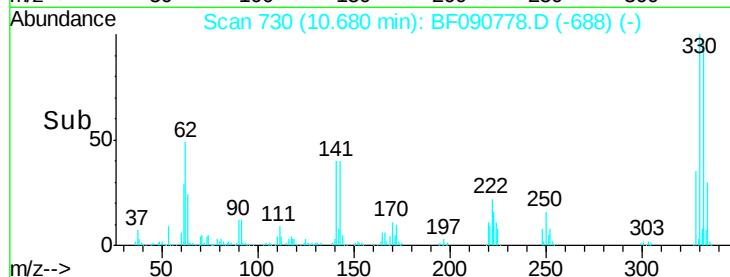
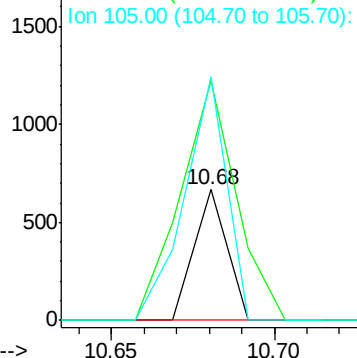
105 186.1 28.5 68.5#



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: 2.66 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090778.D

Acq: 22 Oct 2016 22:27

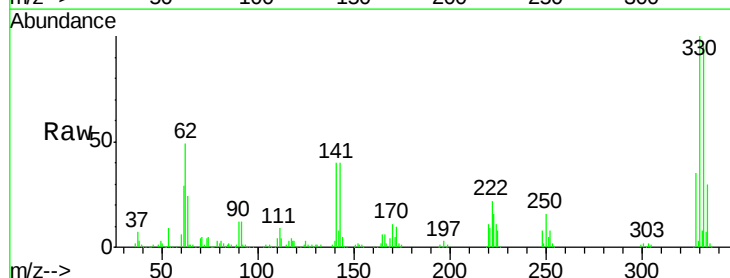
Tgt Ion:248 Resp: 19754

Ion Ratio Lower Upper

248 100

250 209.4 78.5 117.7#

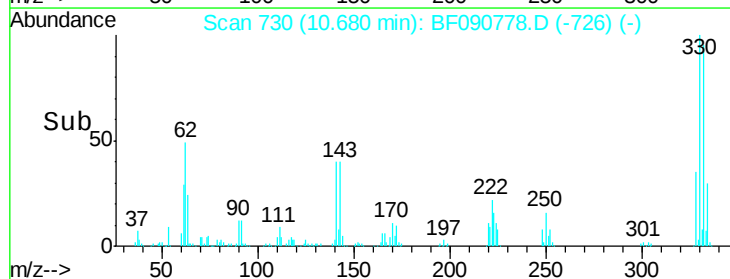
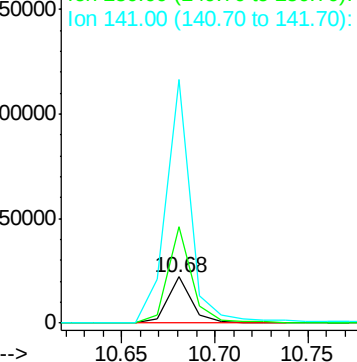
141 530.5 59.0 88.6#

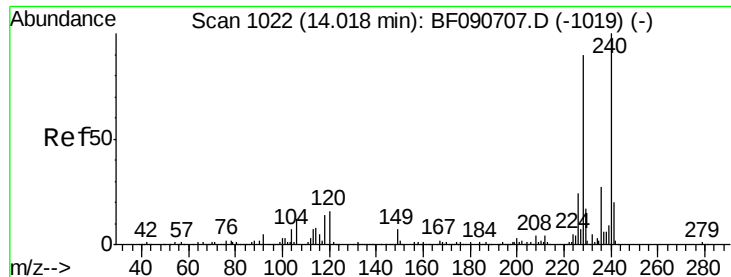


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090778.D

Acq: 22 Oct 2016 22:27

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-15.5-16.0

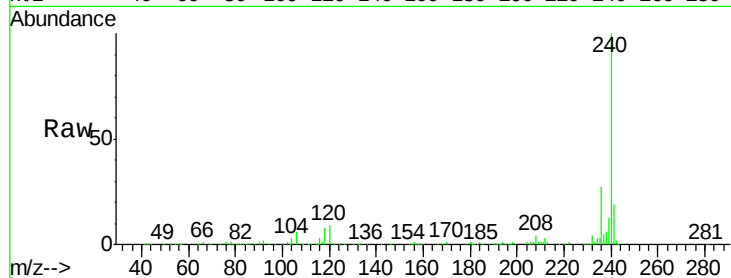
Tgt Ion:240 Resp: 465494

Ion Ratio Lower Upper

240 100

120 9.0 16.2 24.2#

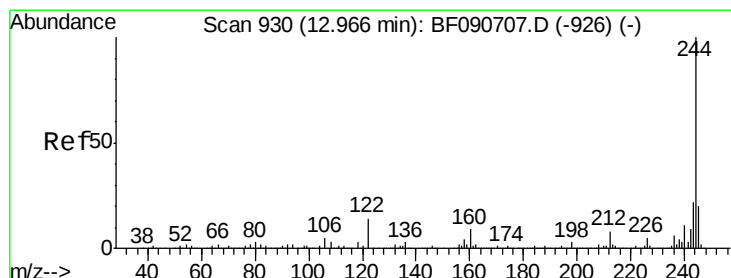
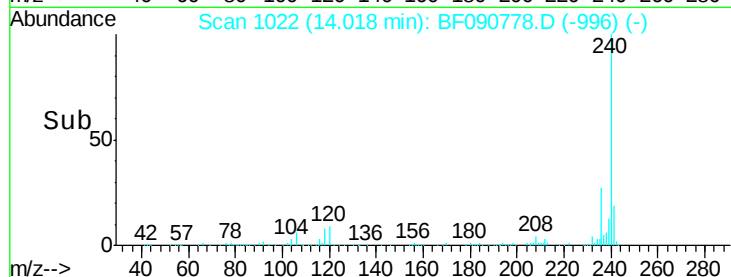
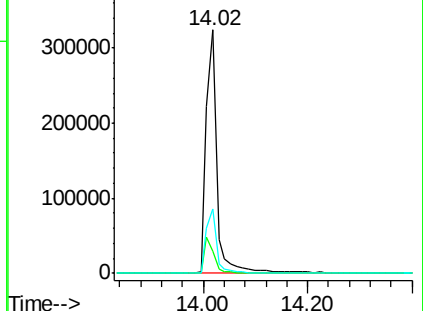
236 26.6 18.4 27.6



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: 48.47 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090778.D

Acq: 22 Oct 2016 22:27

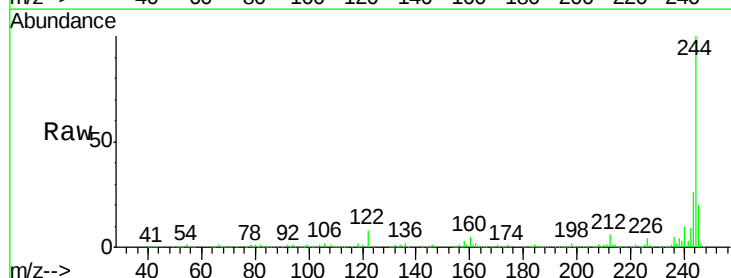
Tgt Ion:244 Resp: 984517

Ion Ratio Lower Upper

244 100

212 6.1 4.3 6.5

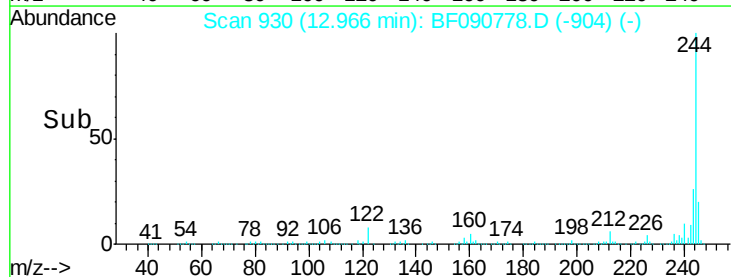
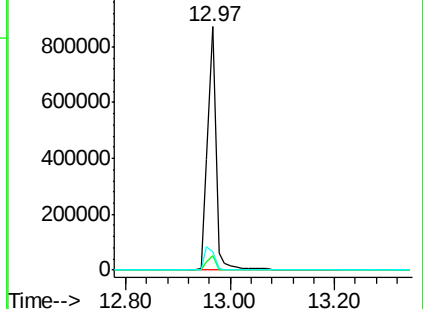
122 7.8 17.4 26.2#

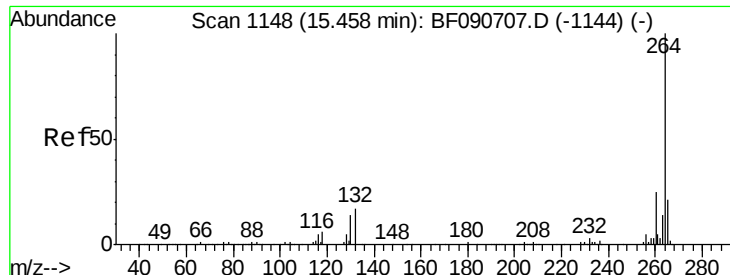


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

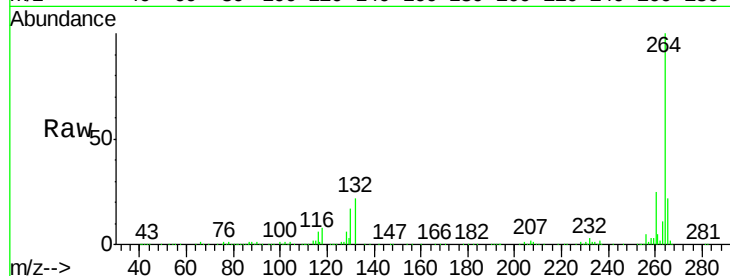




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090778.D
Acq: 22 Oct 2016 22:27

Instrument :
BNA_F
ClientSampleId :
RMAB-SB04-15.5-16.0

Tgt Ion: 264 Resp: 358876
Ion Ratio Lower Upper
264 100
260 24.9 16.7 25.1
265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

