

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090779.D
 Acq On : 22 Oct 2016 22:54
 Operator : UM/SJ
 Sample : H5343-10
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-14.5-15.0

Quant Time: Oct 24 00:56:58 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

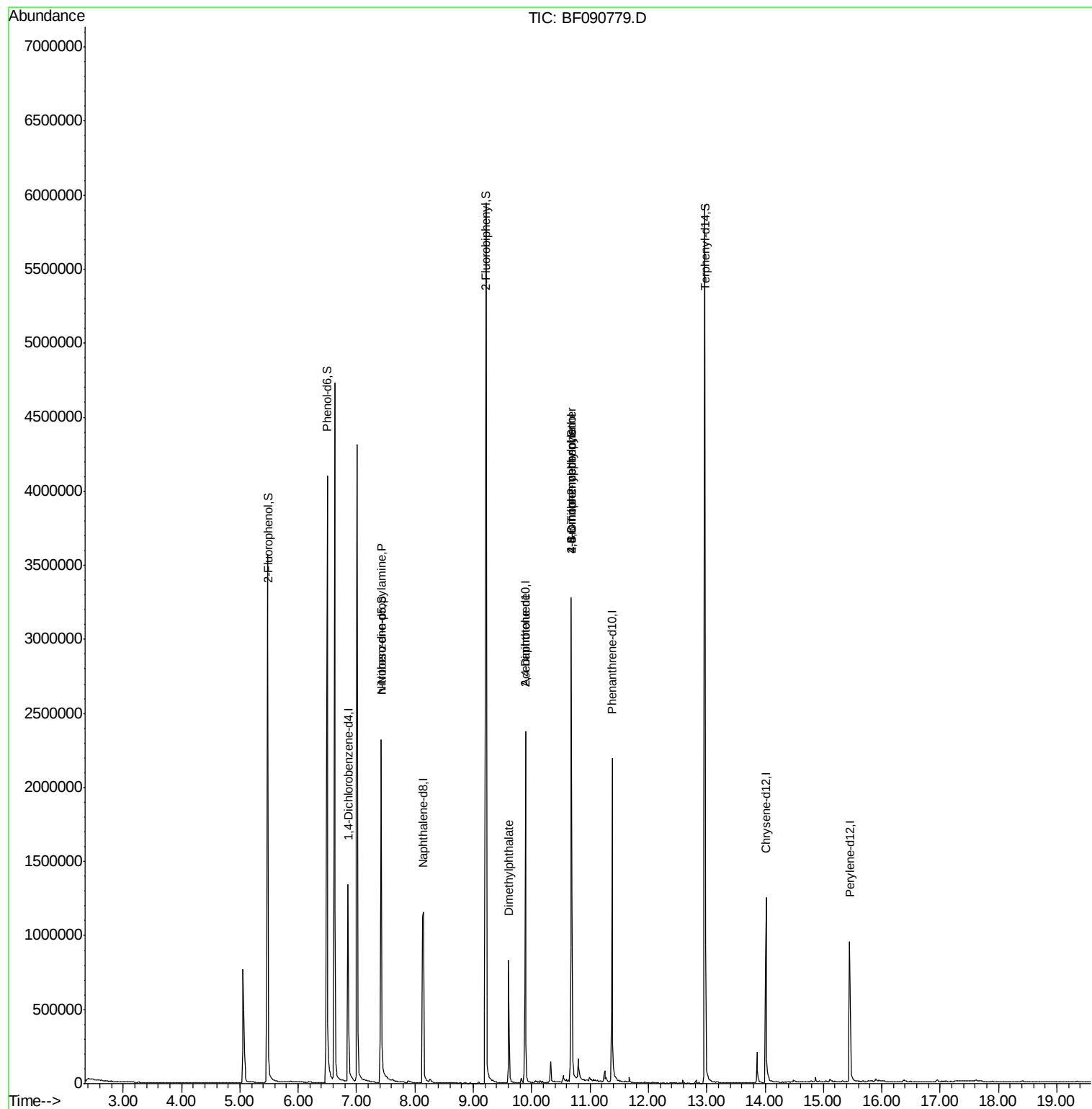
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	240913	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	973996	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	547300	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	890781	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	626504	20.00	ng	0.00
86) Perylene-d12	15.45	264	458607	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1713632	114.72	ng	0.02
7) Phenol-d6	6.50	99	2050413	101.34	ng	0.00
23) Nitrobenzene-d5	7.42	82	1381261	77.78	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	580589	134.03	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2339073	66.35	ng	-0.01
78) Terphenyl-d14	12.97	244	2151927	78.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	175490	11.65	ng	# 48
49) Dimethylphthalate	9.61	163	431702	12.55	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	71839	7.95	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	636	4.28	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	36161	4.19	ng	# 1

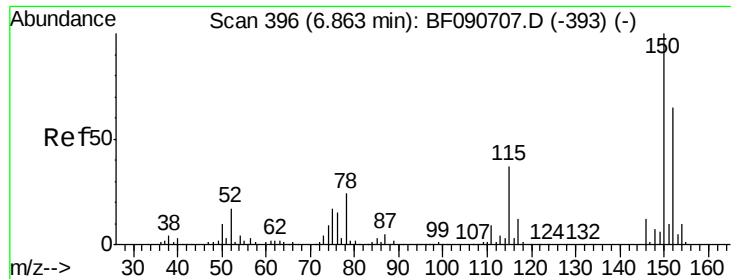
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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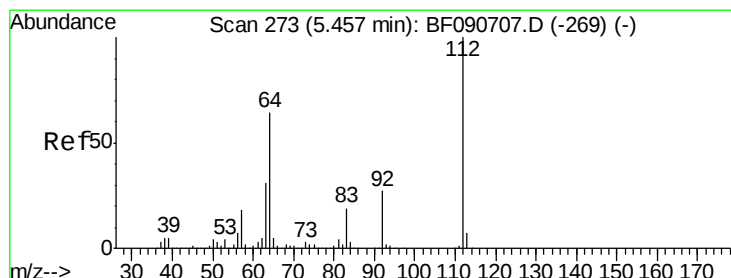
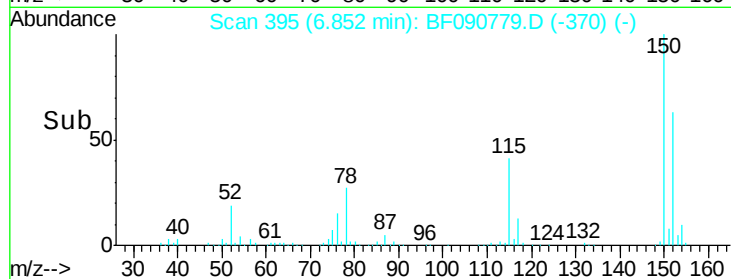
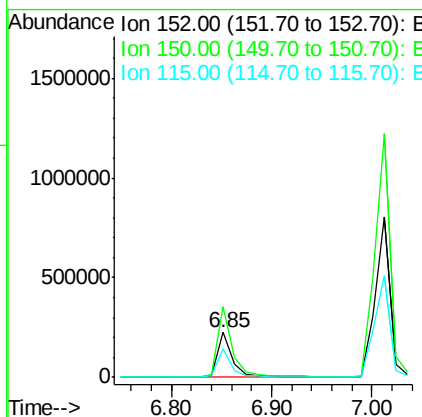
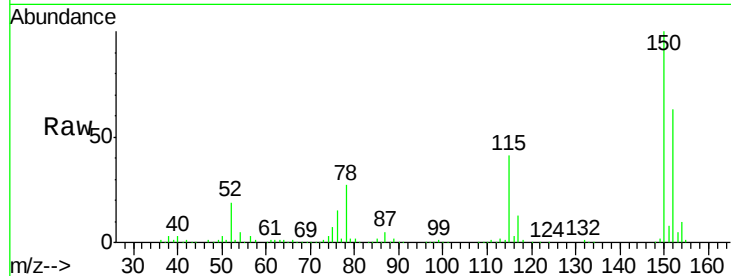


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090779.D
Acq: 22 Oct 2016 22:54

Instrument :
BNA_F
ClientSampleId :
RMAB-SB06-14.5-15.0

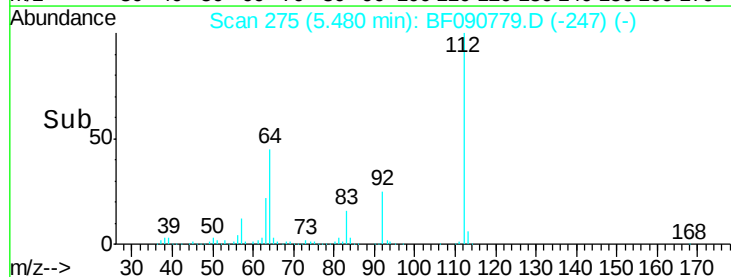
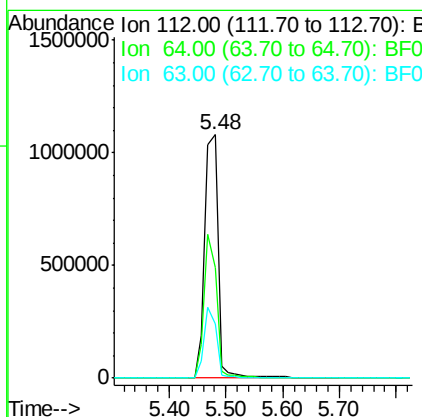
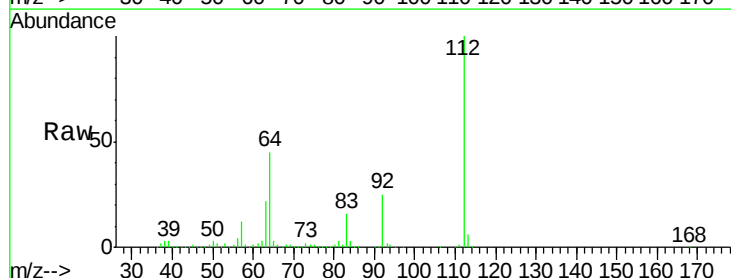
Tgt Ion:152 Resp: 240913
Ion Ratio Lower Upper
152 100
150 158.5 124.7 187.1
115 65.0 39.0 58.4#

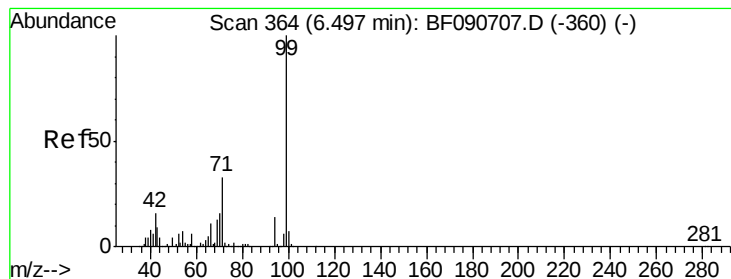


#5

2-Fluorophenol
Concen: 114.72 ng
RT: 5.48 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF090779.D
Acq: 22 Oct 2016 22:54

Tgt Ion:112 Resp: 1713632
Ion Ratio Lower Upper
112 100
64 45.4 39.7 59.5
63 22.1 17.4 26.0





#7

Phenol-d6

Concen: 101.34 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090779.D

Acq: 22 Oct 2016 22:54

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-14.5-15.0

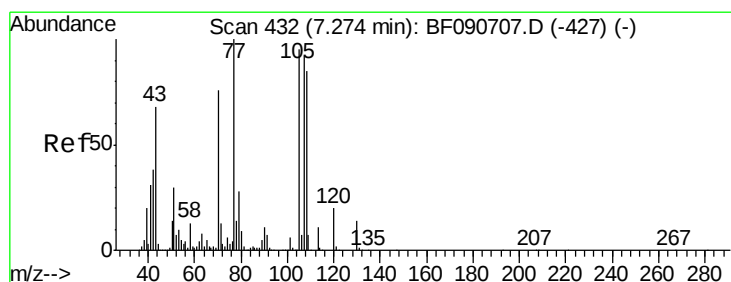
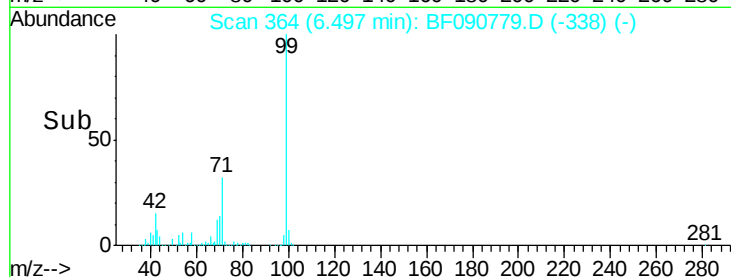
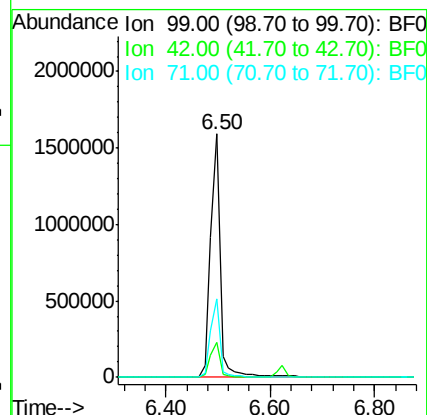
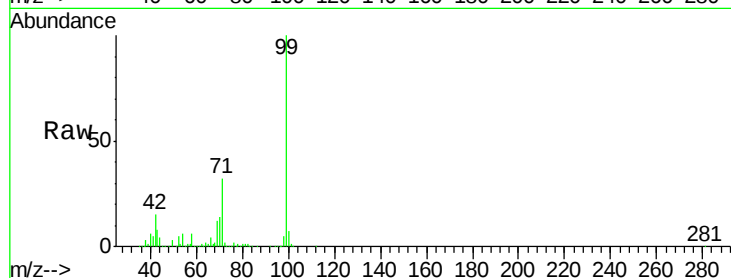
Tgt Ion: 99 Resp: 2050413

Ion Ratio Lower Upper

99 100

42 14.6 13.7 20.5

71 32.2 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 11.65 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090779.D

Acq: 22 Oct 2016 22:54

Tgt Ion: 70 Resp: 175490

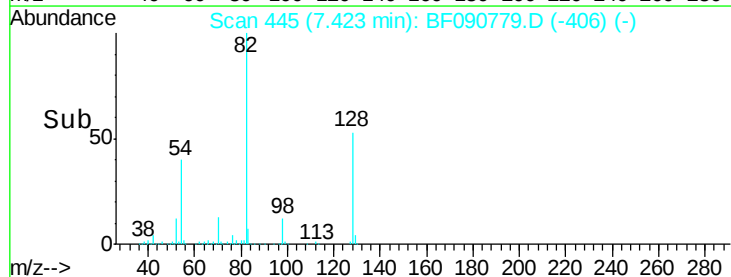
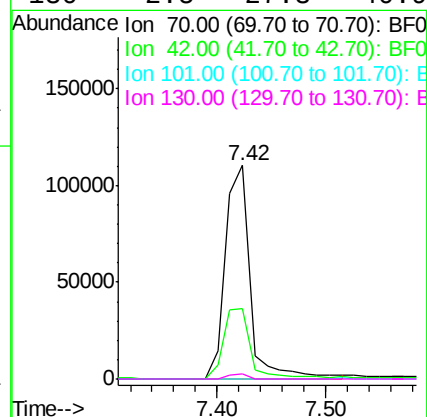
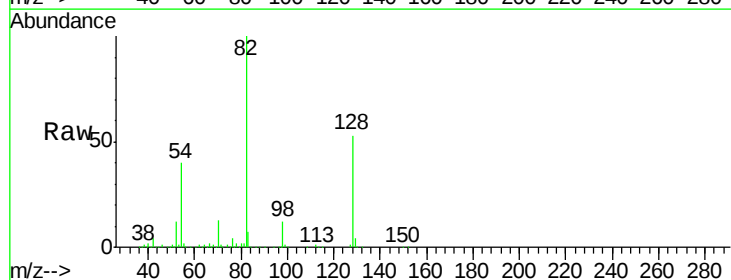
Ion Ratio Lower Upper

70 100

42 32.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.5 27.3 40.9#

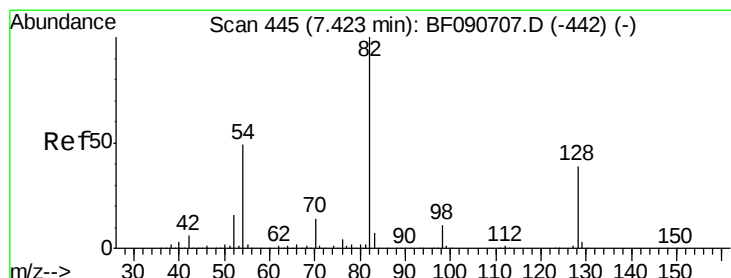
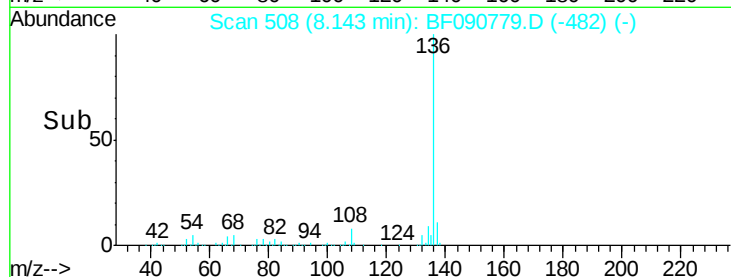
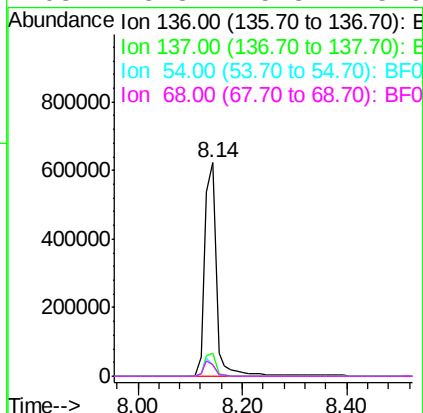
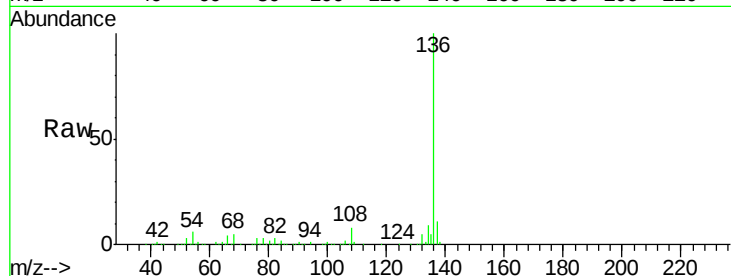




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090779.D
Acq: 22 Oct 2016 22:54

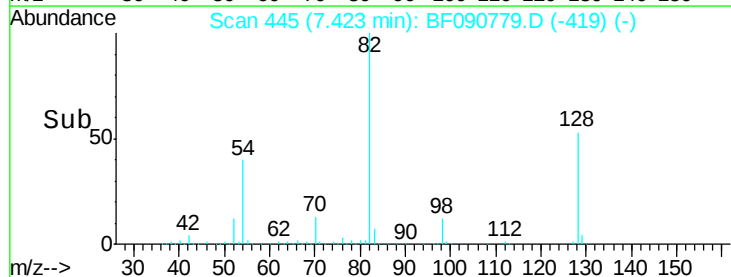
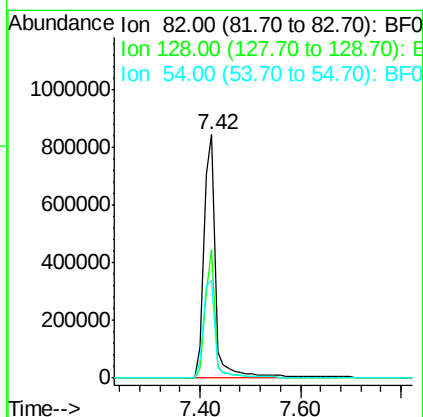
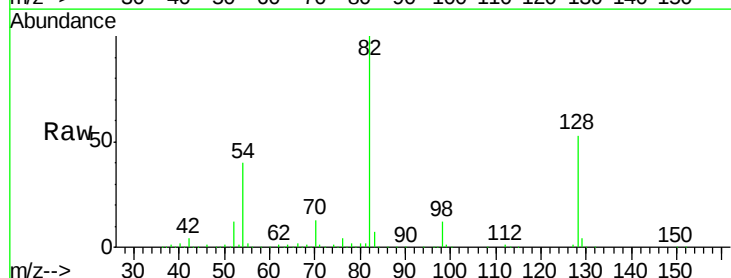
Instrument :
BNA_F
ClientSampleId :
RMAB-SB06-14.5-15.0

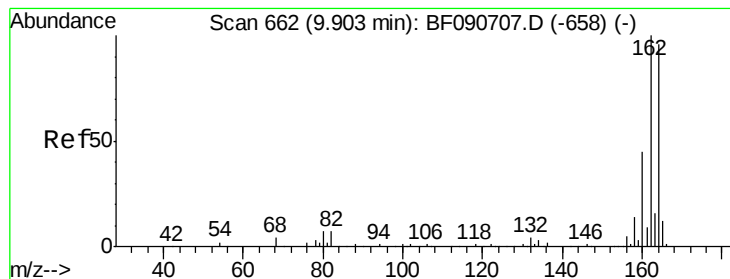
Tgt Ion:	136	Resp:	973996
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	5.6	8.2	12.2#
68	5.3	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 77.78 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090779.D
Acq: 22 Oct 2016 22:54

Tgt Ion:	82	Resp:	1381261
Ion	Ratio	Lower	Upper
82	100		
128	52.9	51.0	76.6
54	39.9	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: BF090779.D

Acq: 22 Oct 2016 22:54

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-14.5-15.0

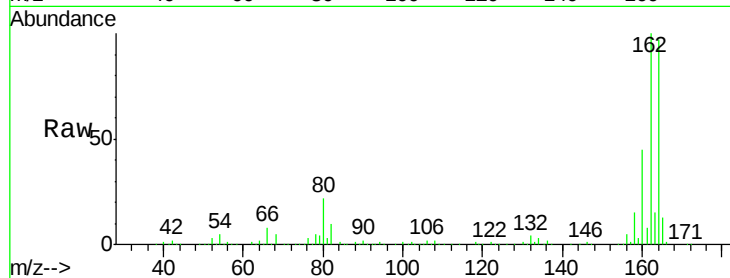
Tgt Ion:164 Resp: 547300

Ion Ratio Lower Upper

164 100

162 103.5 75.2 112.8

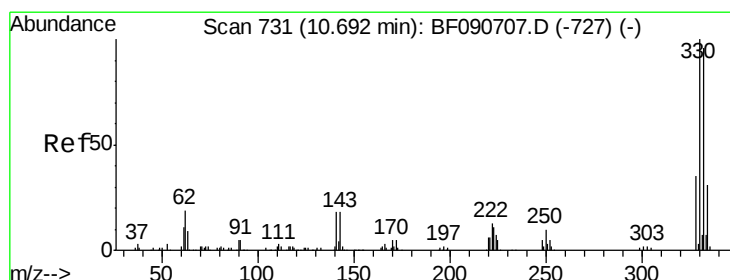
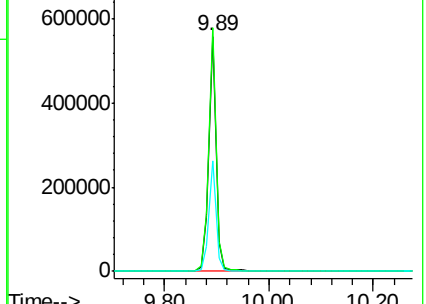
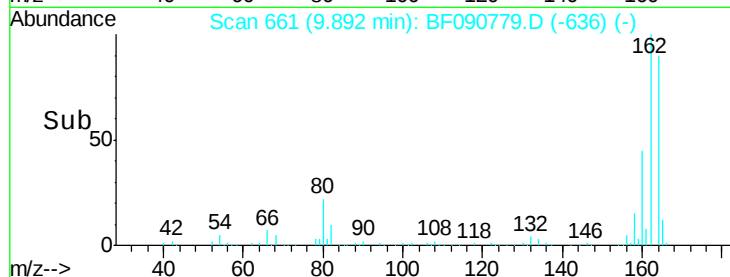
160 46.7 31.5 47.3



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: 134.03 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090779.D

Acq: 22 Oct 2016 22:54

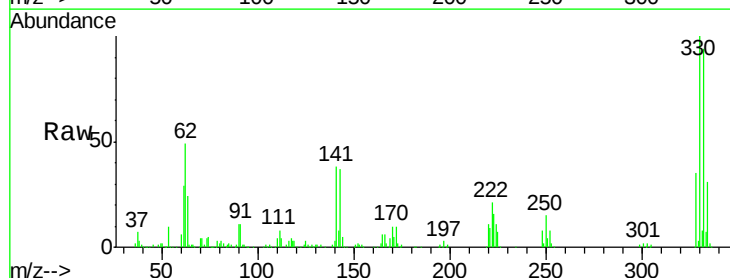
Tgt Ion:330 Resp: 580589

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

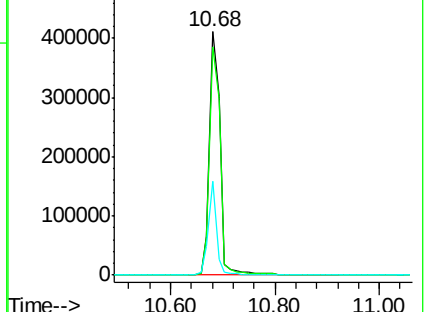
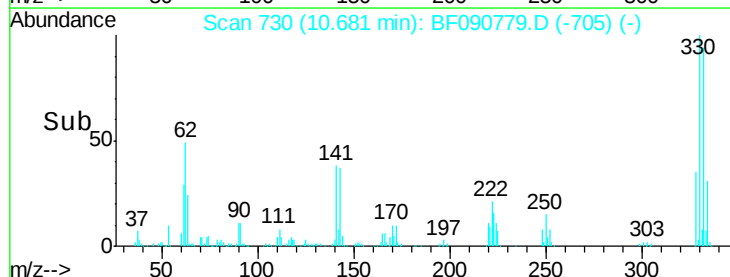
141 30.3 29.7 44.5

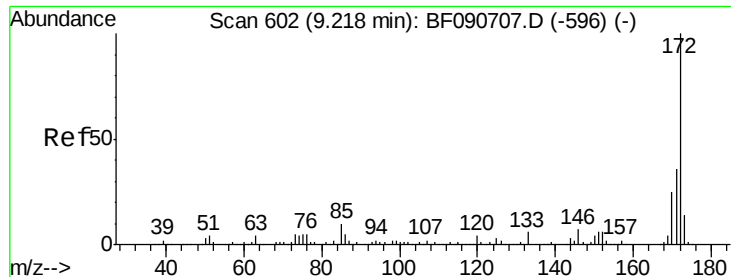


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

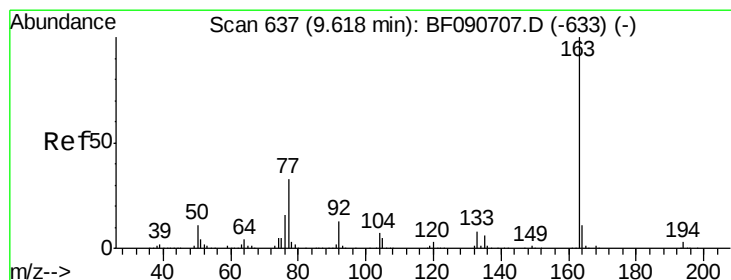
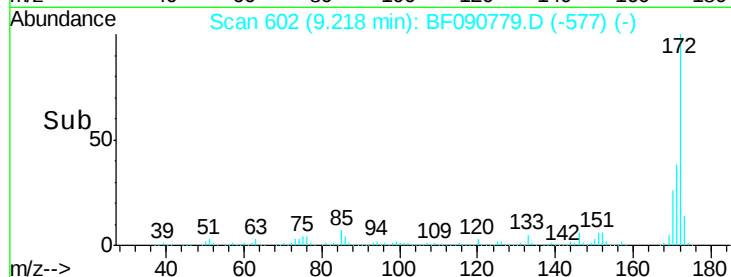
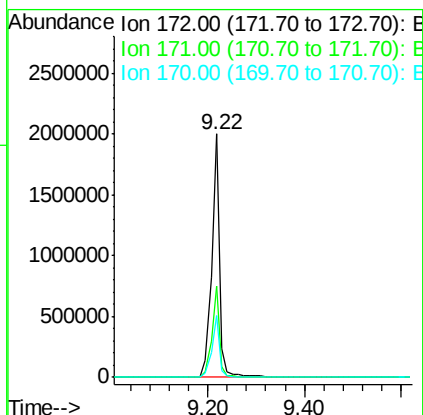
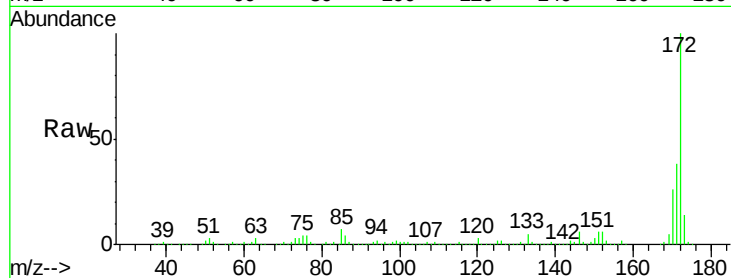




#44
 2-Fluorobiphenyl
 Concen: 66.35 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090779.D
 Acq: 22 Oct 2016 22:54

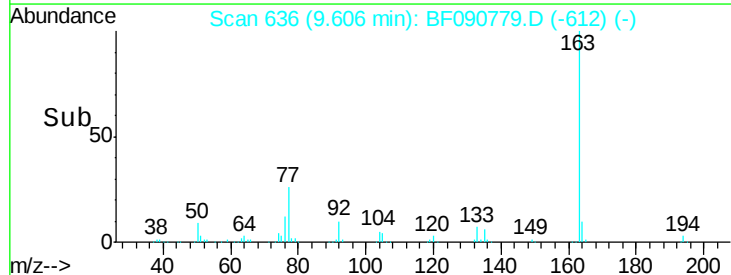
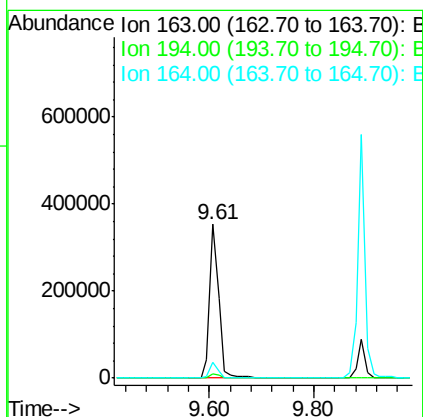
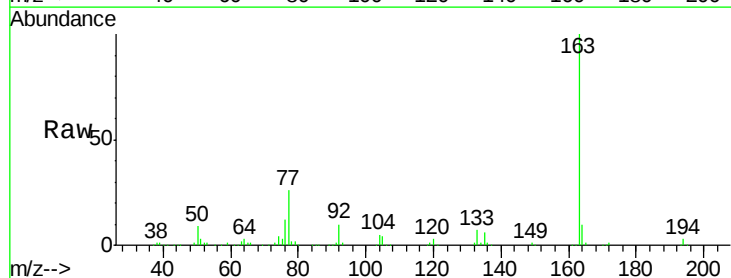
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-14.5-15.0

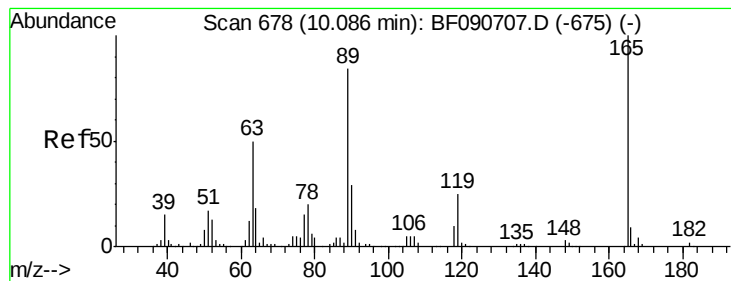
Tgt Ion:172 Resp: 2339073
 Ion Ratio Lower Upper
 172 100
 171 37.5 26.1 39.1
 170 25.6 17.4 26.2



#49
 Dimethylphthalate
 Concen: 12.55 ng
 RT: 9.61 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF090779.D
 Acq: 22 Oct 2016 22:54

Tgt Ion:163 Resp: 431702
 Ion Ratio Lower Upper
 163 100
 194 2.9 4.4 6.6#
 164 10.4 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 7.95 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.19 min

Lab File: BF090779.D

Acq: 22 Oct 2016 22:54

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-14.5-15.0

Tgt Ion:165 Resp: 71839

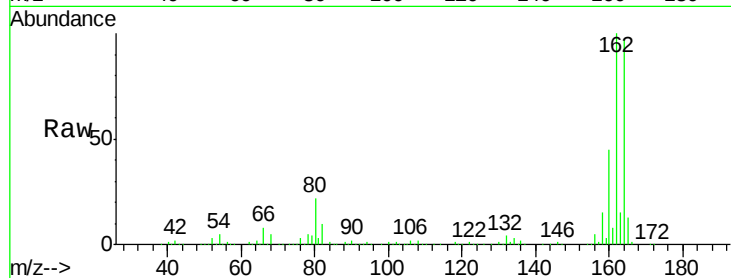
Ion Ratio Lower Upper

165 100

63 0.8 29.8 44.6#

89 0.9 44.5 66.7#

182 0.0 3.0 4.4#

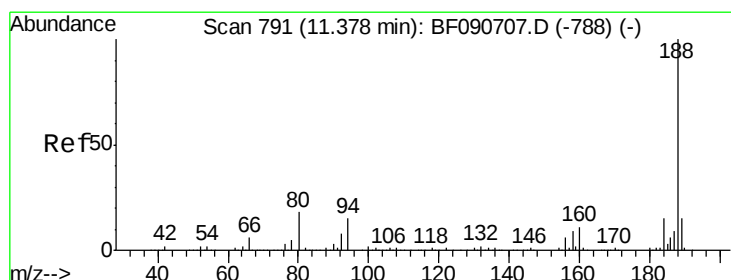
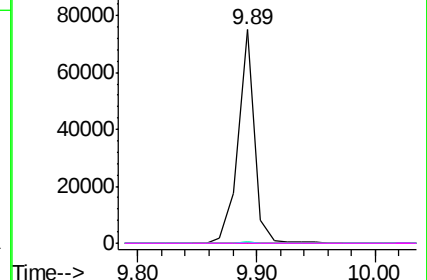
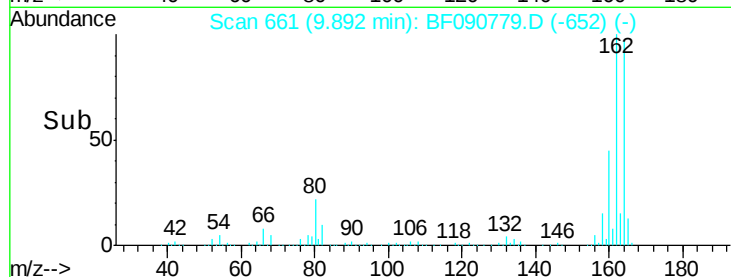


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF090779.D

Acq: 22 Oct 2016 22:54

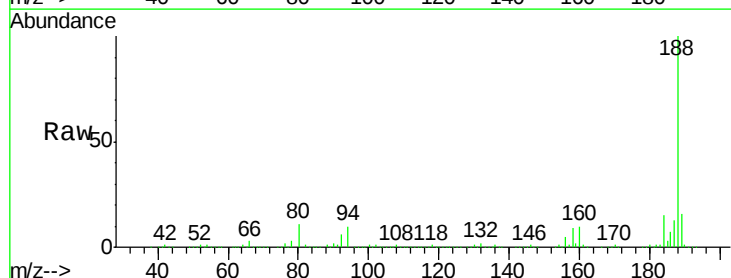
Tgt Ion:188 Resp: 890781

Ion Ratio Lower Upper

188 100

94 10.3 11.1 16.7#

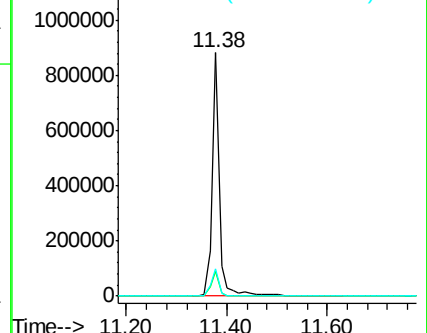
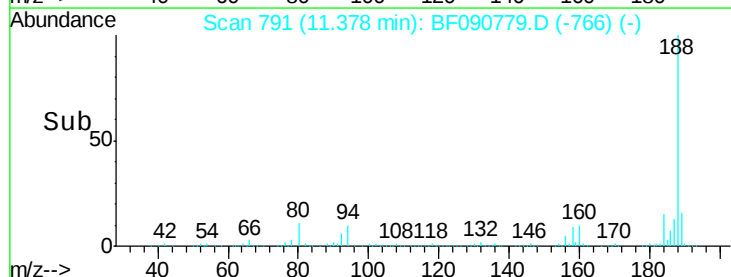
80 11.3 11.0 16.4

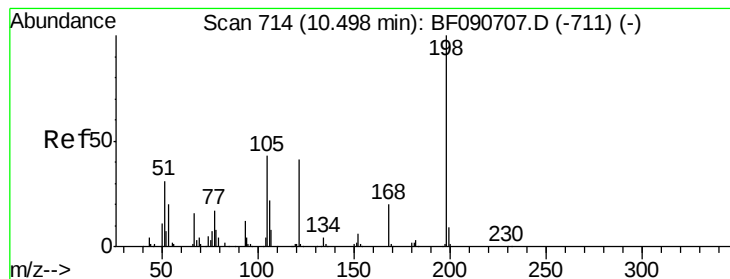


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.28 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090779.D

Acq: 22 Oct 2016 22:54

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-14.5-15.0

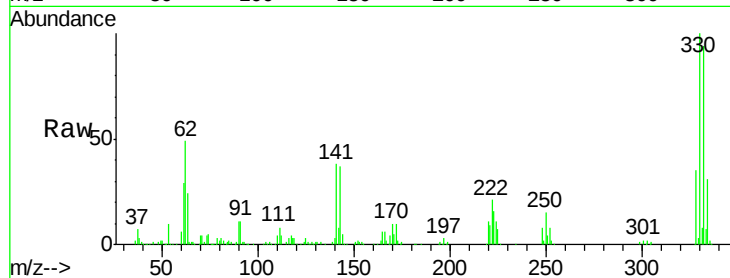
Tgt Ion:198 Resp: 636

Ion Ratio Lower Upper

198 100

51 152.2 39.6 79.6#

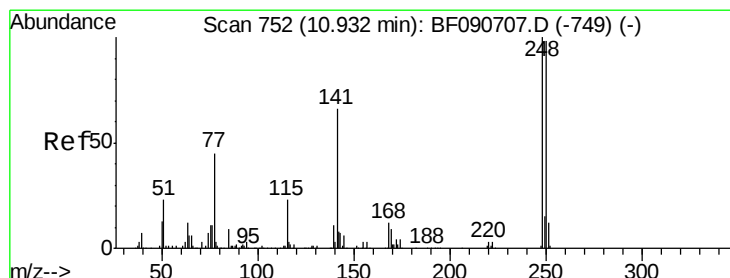
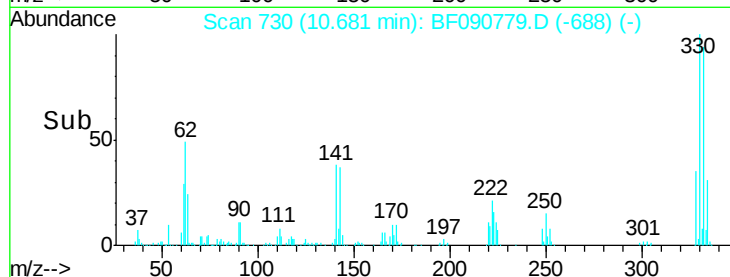
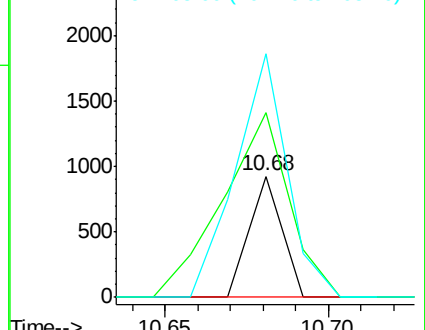
105 200.8 28.5 68.5#



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: 4.19 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090779.D

Acq: 22 Oct 2016 22:54

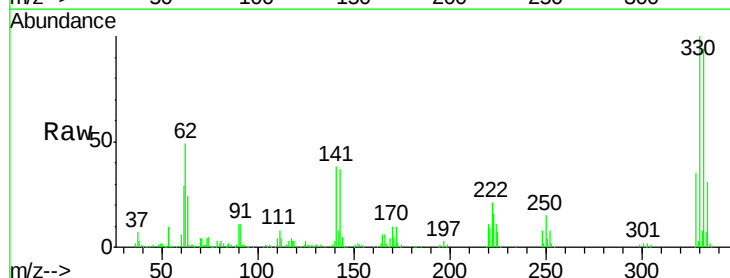
Tgt Ion:248 Resp: 36161

Ion Ratio Lower Upper

248 100

250 194.8 78.5 117.7#

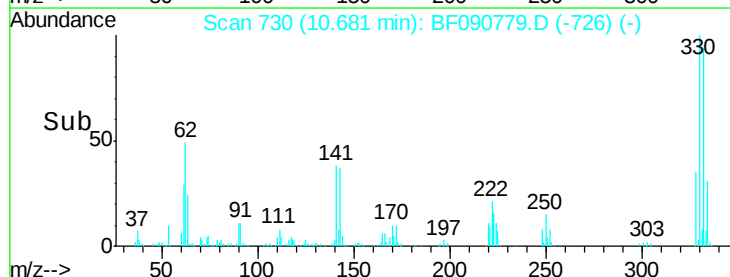
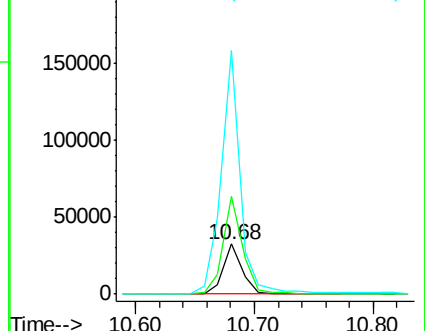
141 486.5 59.0 88.6#

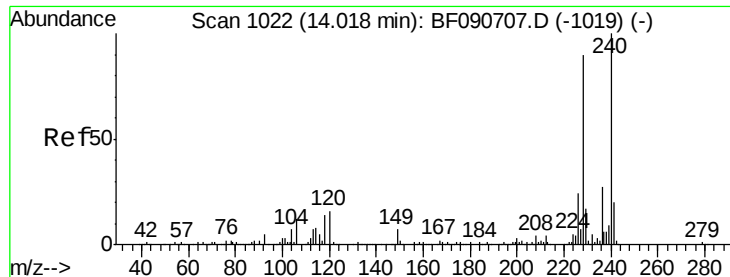


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090779.D

Acq: 22 Oct 2016 22:54

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-14.5-15.0

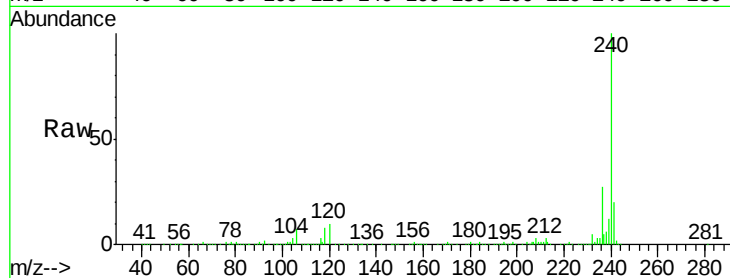
Tgt Ion:240 Resp: 626504

Ion Ratio Lower Upper

240 100

120 9.6 16.2 24.2#

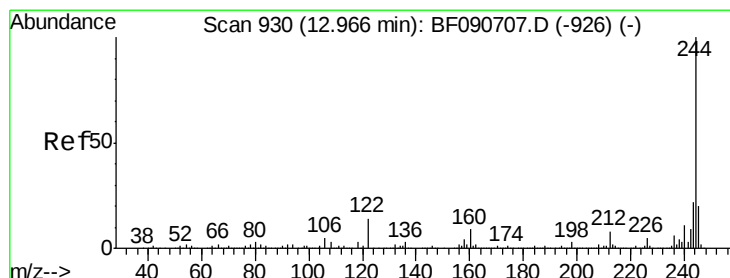
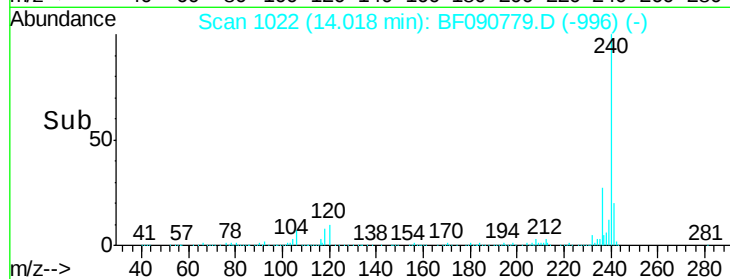
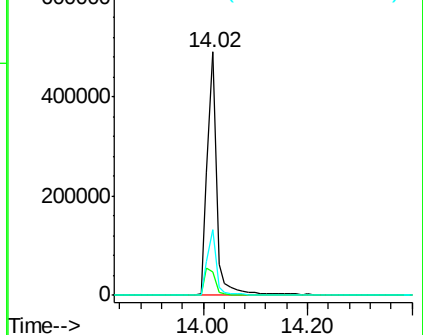
236 26.9 18.4 27.6



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: 78.72 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090779.D

Acq: 22 Oct 2016 22:54

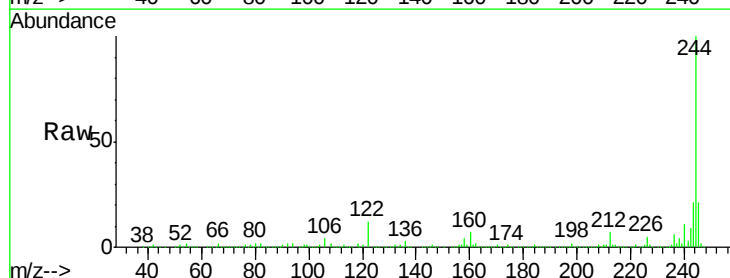
Tgt Ion:244 Resp: 2151927

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

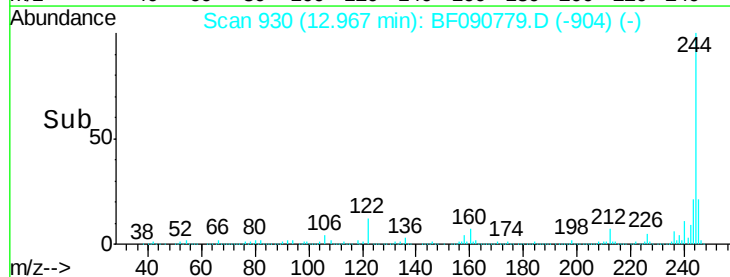
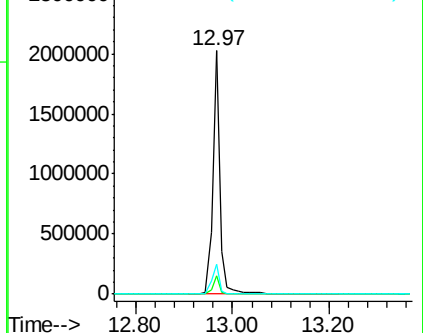
122 12.3 17.4 26.2#

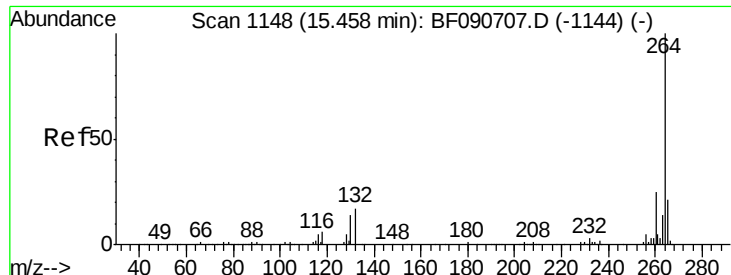


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



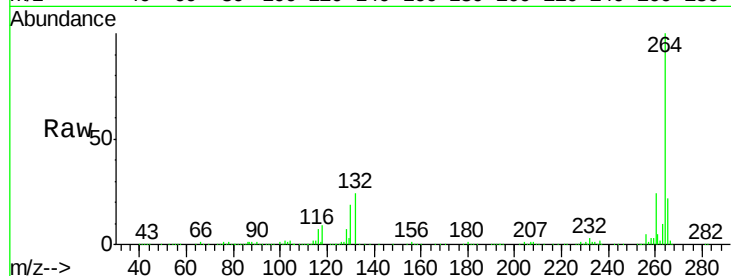


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090779.D
Acq: 22 Oct 2016 22:54

Instrument :
BNA_F
ClientSampleId :
RMAB-SB06-14.5-15.0

Tgt Ion: 264 Resp: 458607

Ion	Ratio	Lower	Upper
264	100		
260	24.5	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

