

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090721.D
 Acq On : 21 Oct 2016 20:25
 Operator : UM/SJ
 Sample : PB94239BL
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BL

Quant Time: Oct 21 23:25:46 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

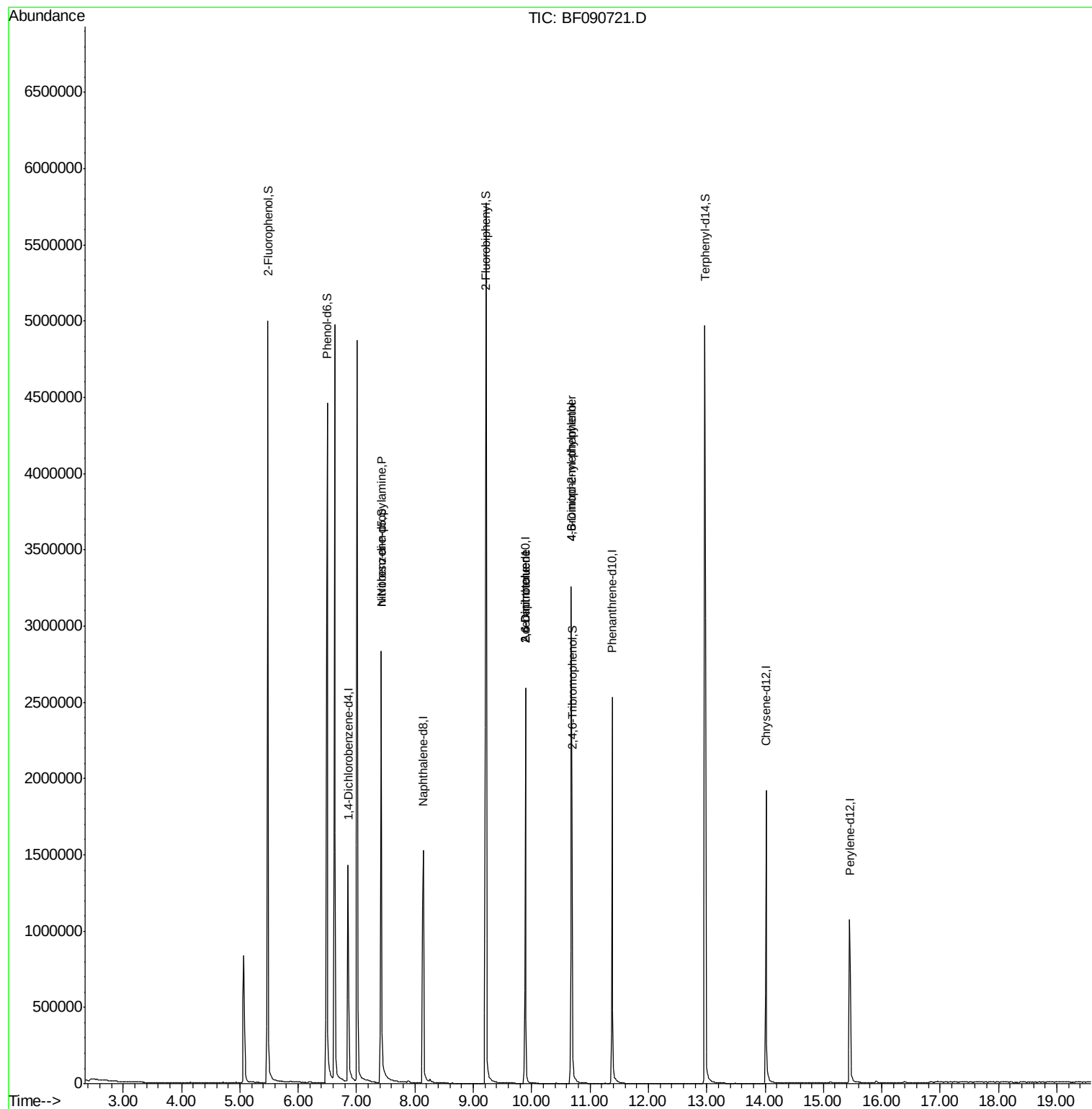
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	269457	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1118844	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	590565	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	971752	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	829144	20.00	ng	0.00
86) Perylene-d12	15.45	264	599766	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1869414	111.89	ng	0.02
7) Phenol-d6	6.50	99	2336551	103.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	1610012	78.92	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	599312	128.21	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2375798	62.45	ng	-0.01
78) Terphenyl-d14	12.97	244	2458127	67.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	213133	12.65	ng	# 51
50) 2,6-Dinitrotoluene	9.89	165	75280	9.43	ng	# 39
56) 2,4-Dinitrotoluene	9.89	165	76135	7.81	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1098	4.34	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	38928	4.13	ng	# 1

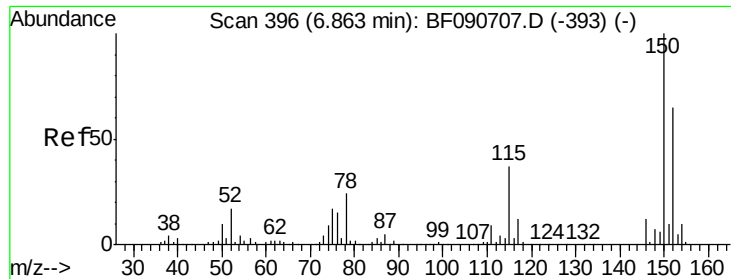
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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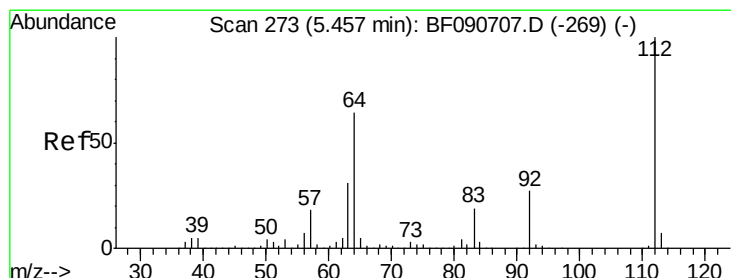
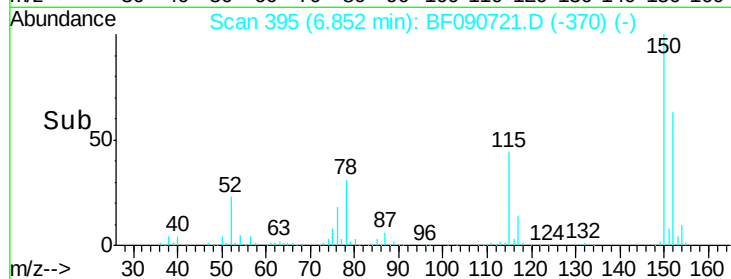
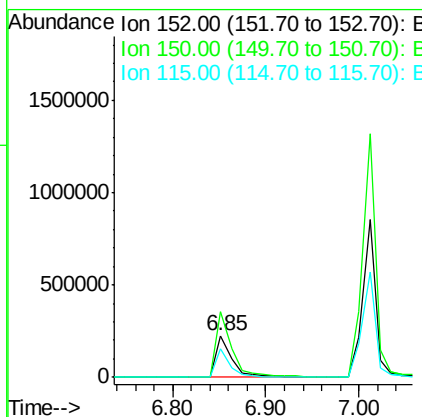
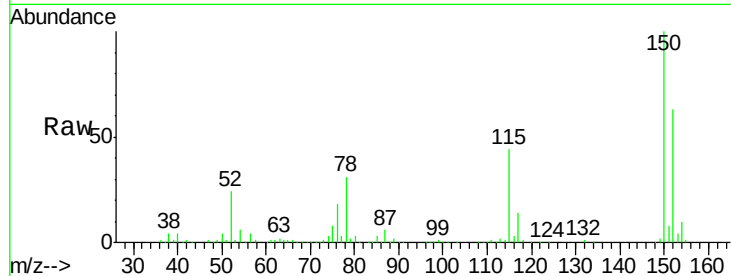


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090721.D
Acq: 21 Oct 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB94239BL

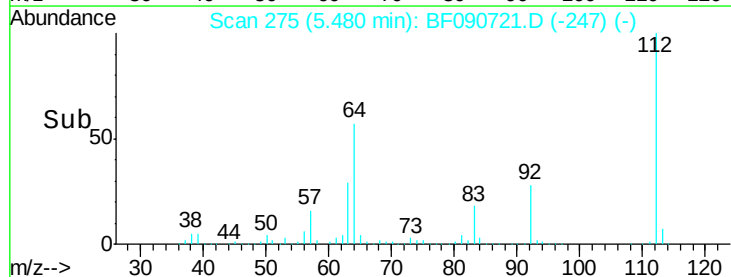
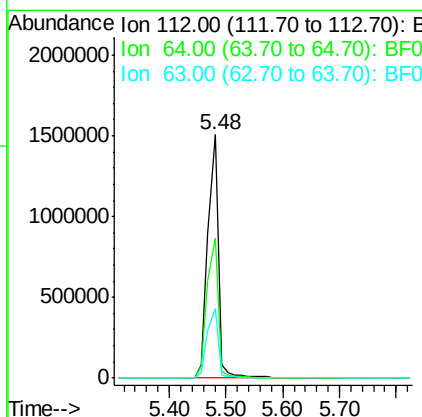
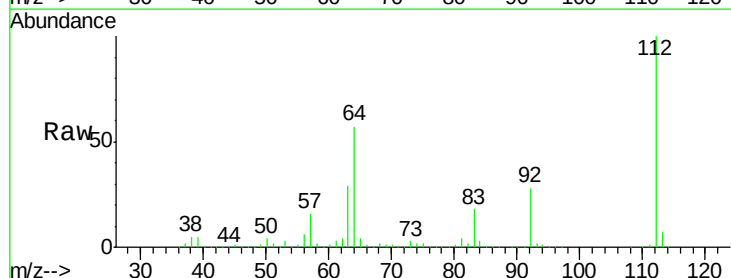
Tgt Ion:152 Resp: 269457
Ion Ratio Lower Upper
152 100
150 158.2 124.7 187.1
115 70.1 39.0 58.4#

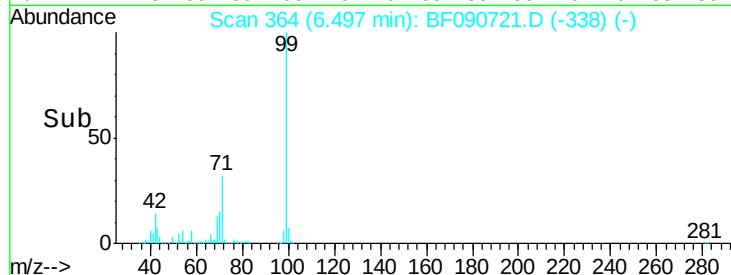
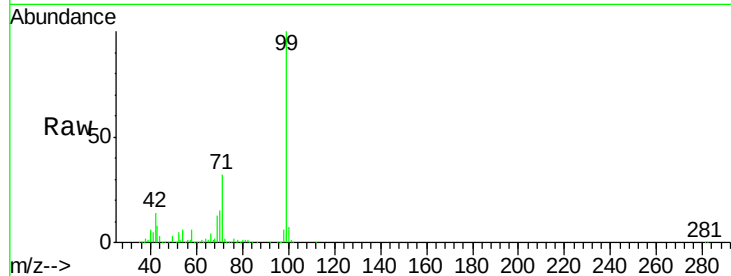
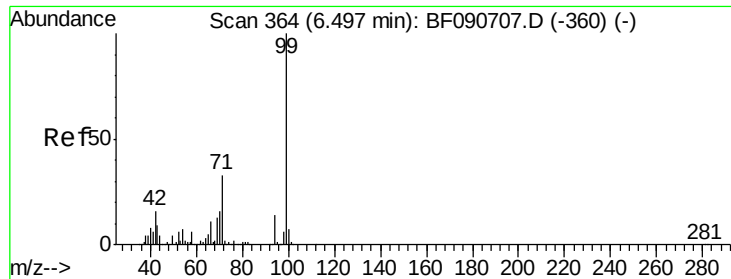


#5

2-Fluorophenol
Concen: 111.89 ng
RT: 5.48 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF090721.D
Acq: 21 Oct 2016 20:25

Tgt Ion:112 Resp: 1869414
Ion Ratio Lower Upper
112 100
64 57.4 39.7 59.5
63 28.7 17.4 26.0#





#7

Phenol-d6

Concen: 103.25 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB94239BL

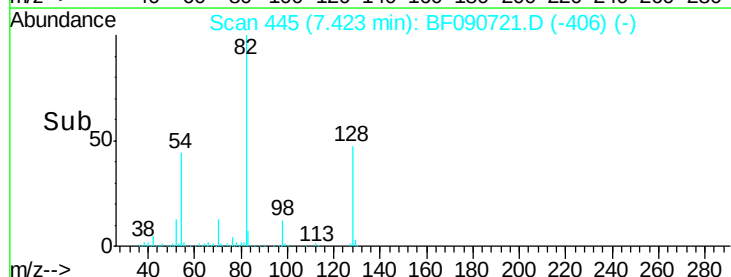
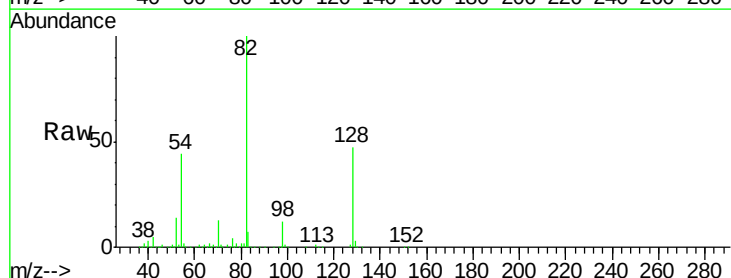
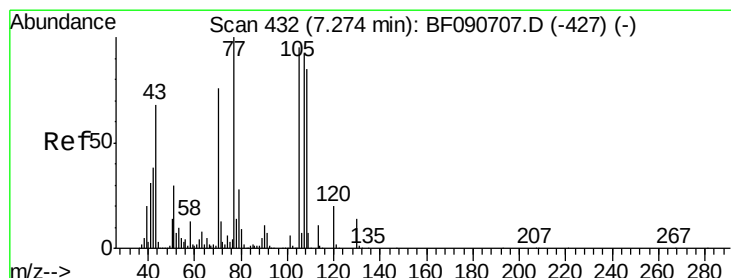
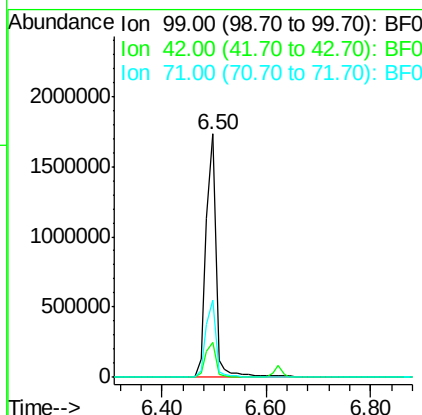
Tgt Ion: 99 Resp: 2336551

Ion Ratio Lower Upper

99 100

42 14.3 13.7 20.5

71 31.6 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.65 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

Tgt Ion: 70 Resp: 213133

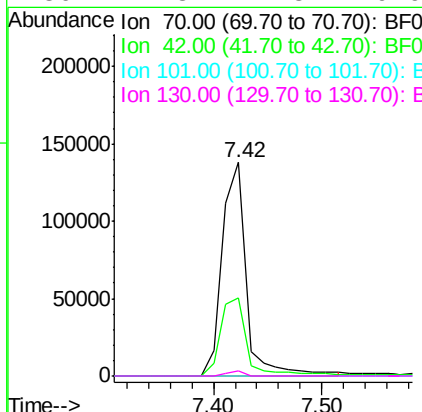
Ion Ratio Lower Upper

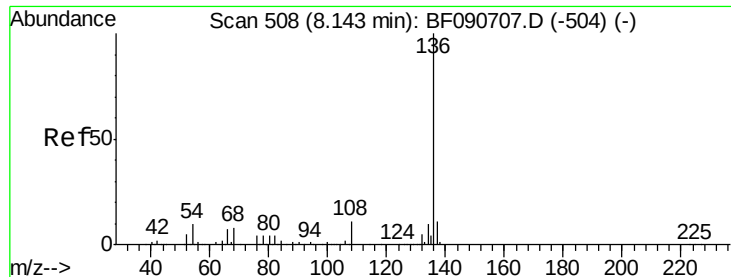
70 100

42 36.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

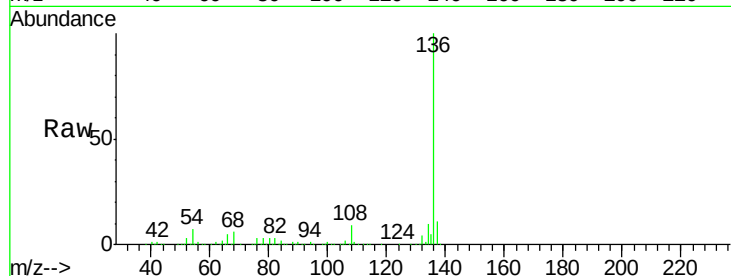




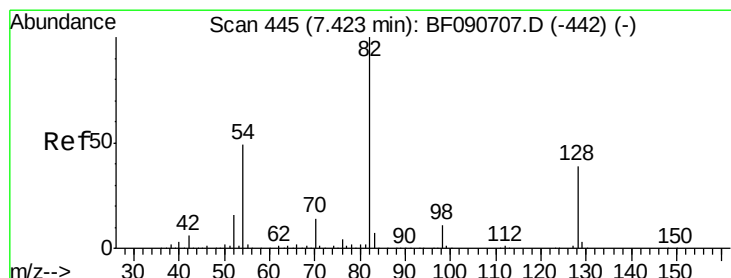
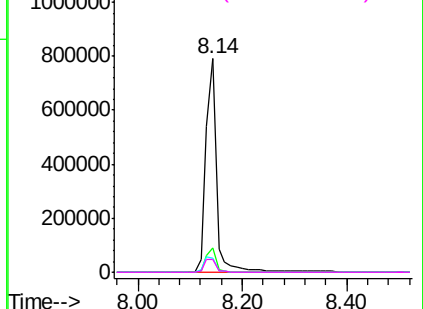
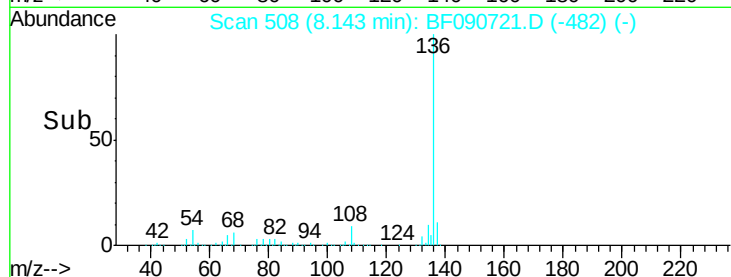
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090721.D
Acq: 21 Oct 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB94239BL

Tgt Ion:136 Resp: 1118844
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 6.7 8.2 12.2#
68 6.2 5.8 8.6

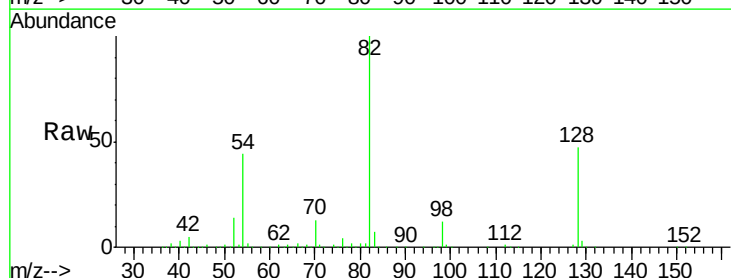


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

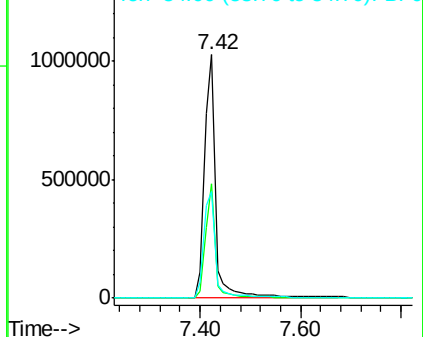
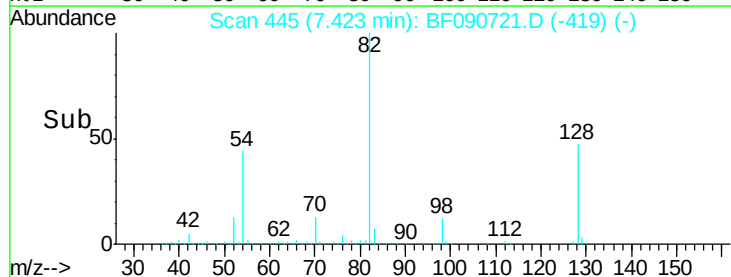


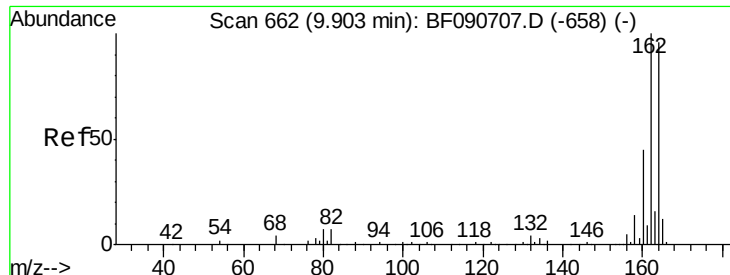
#23
Nitrobenzene-d5
Concen: 78.92 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090721.D
Acq: 21 Oct 2016 20:25

Tgt Ion: 82 Resp: 1610012
Ion Ratio Lower Upper
82 100
128 47.1 51.0 76.6#
54 43.7 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: BF090721.D

Acq: 21 Oct 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB94239BL

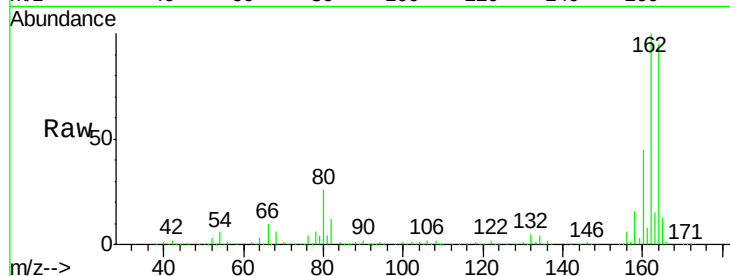
Tgt Ion:164 Resp: 590565

Ion Ratio Lower Upper

164 100

162 105.1 75.2 112.8

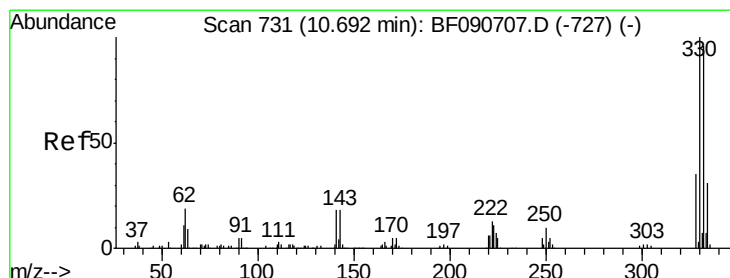
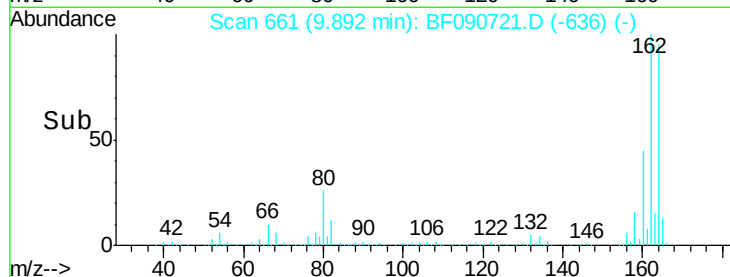
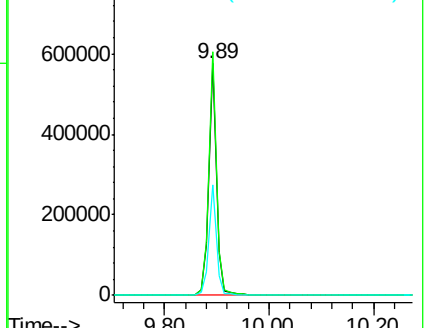
160 47.7 31.5 47.3#



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: 128.21 ng

RT: 10.69 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

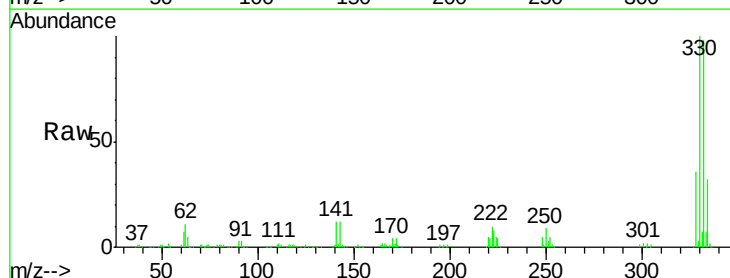
Tgt Ion:330 Resp: 599312

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

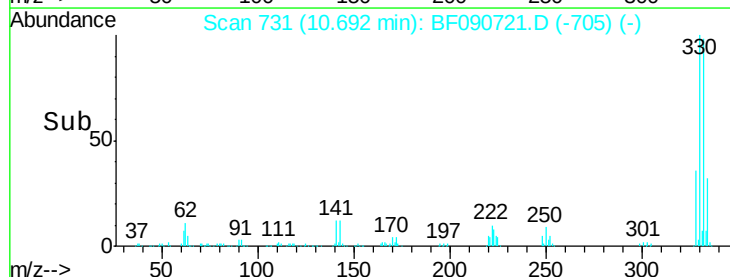
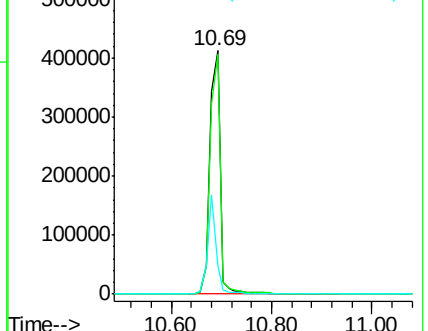
141 33.9 29.7 44.5

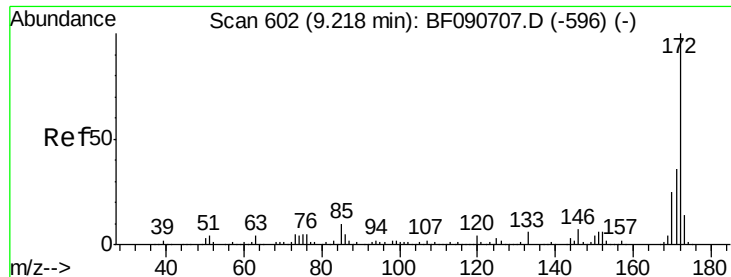


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

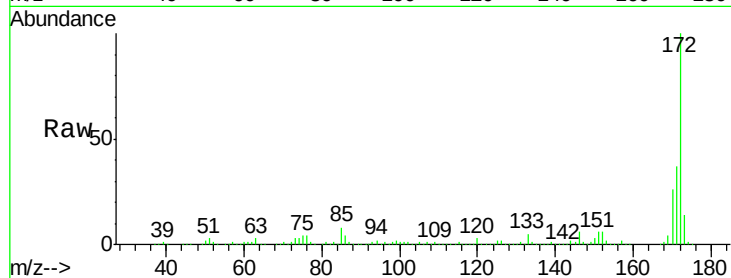




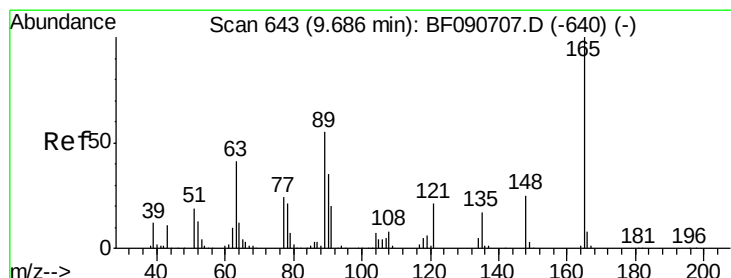
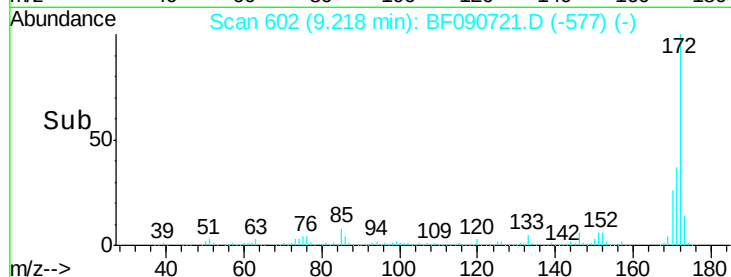
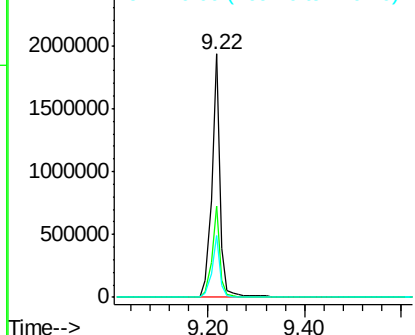
#44
 2-Fluorobiphenyl
 Concen: 62.45 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090721.D
 Acq: 21 Oct 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BL

Tgt Ion:172 Resp: 2375798
 Ion Ratio Lower Upper
 172 100
 171 37.3 26.1 39.1
 170 25.5 17.4 26.2

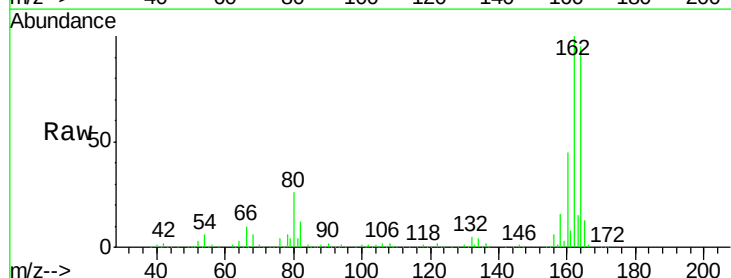


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

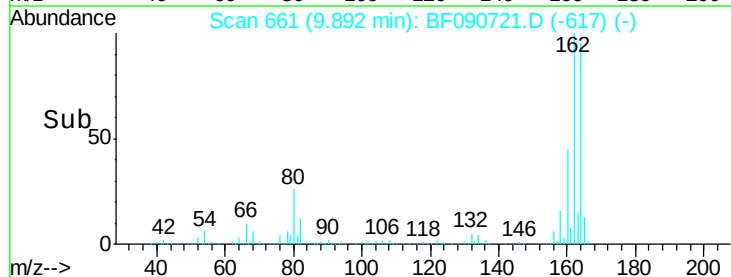
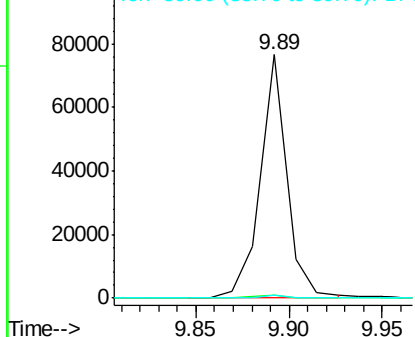


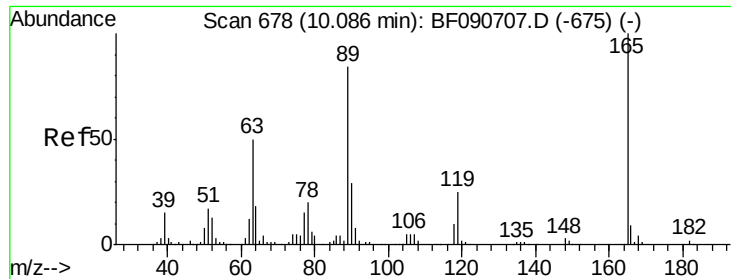
#50
 2,6-Dinitrotoluene
 Concen: 9.43 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090721.D
 Acq: 21 Oct 2016 20:25

Tgt Ion:165 Resp: 75280
 Ion Ratio Lower Upper
 165 100
 63 1.1 32.3 48.5#
 89 1.1 28.6 43.0#



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

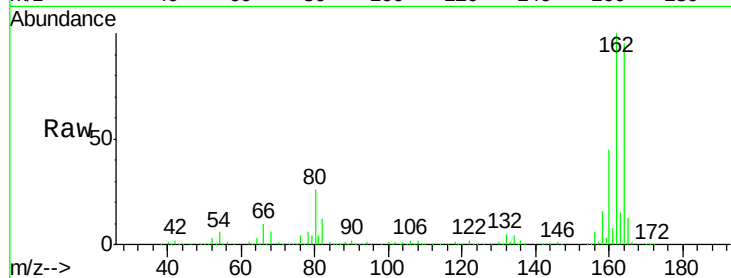




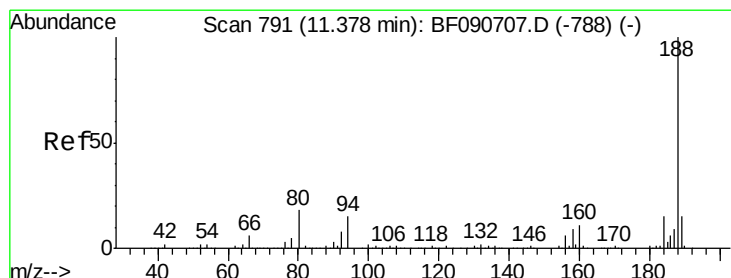
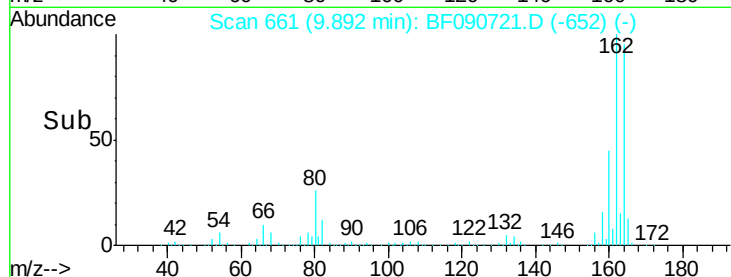
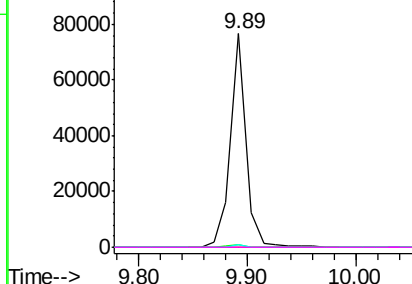
#56
 2,4-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090721.D
 Acq: 21 Oct 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BL

Tgt Ion:	165	Resp:	76135
Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

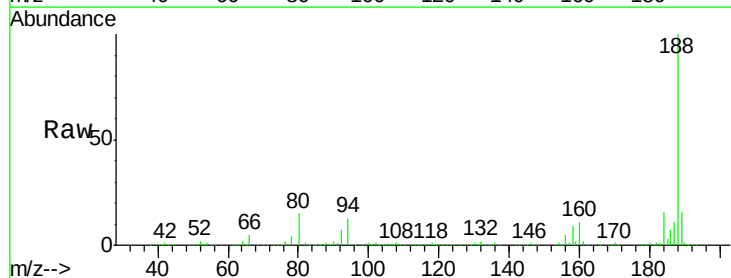


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

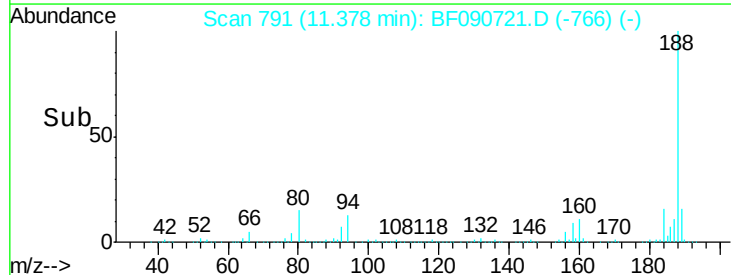
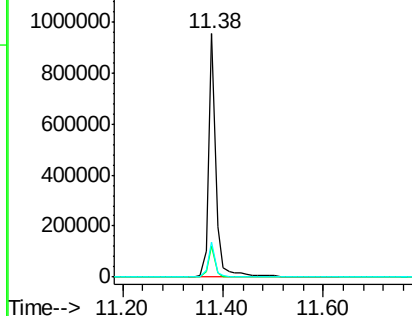


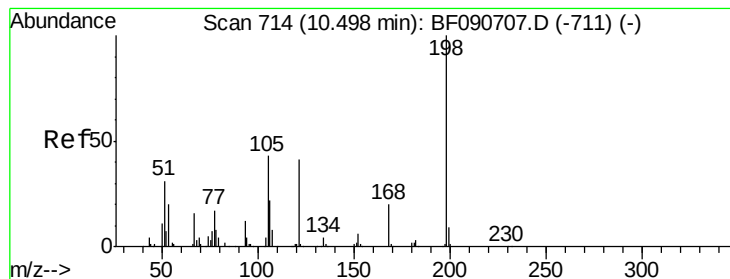
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090721.D
 Acq: 21 Oct 2016 20:25

Tgt Ion:	188	Resp:	971752
Ion	Ratio	Lower	Upper
188	100		
94	12.8	11.1	16.7
80	14.5	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: 4.34 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB94239BL

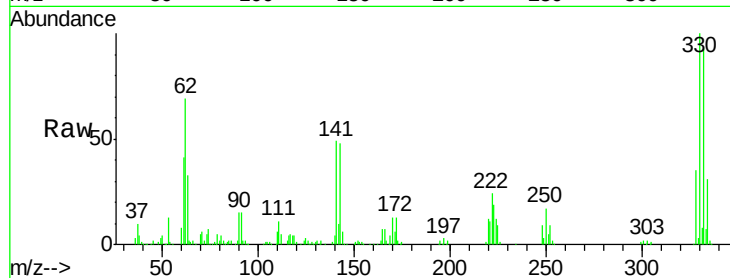
Tgt Ion:198 Resp: 1098

Ion Ratio Lower Upper

198 100

51 137.0 39.6 79.6#

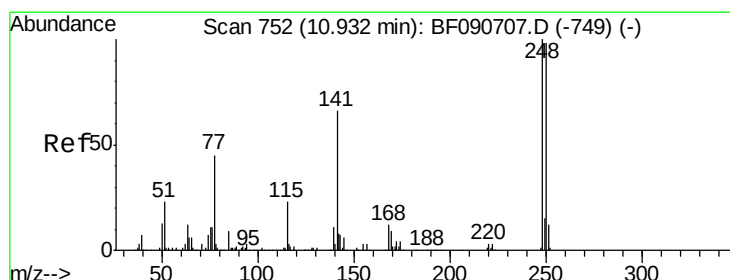
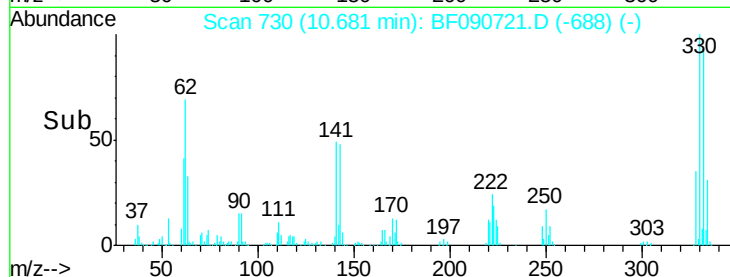
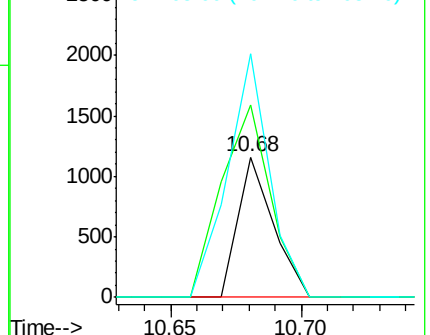
105 173.8 28.5 68.5#



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: 4.13 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

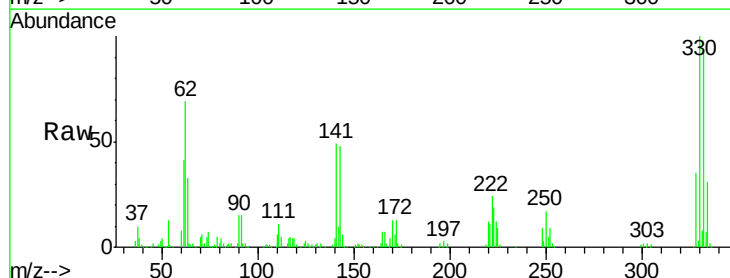
Tgt Ion:248 Resp: 38928

Ion Ratio Lower Upper

248 100

250 197.9 78.5 117.7#

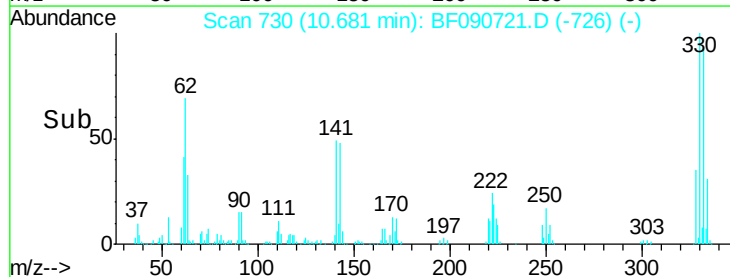
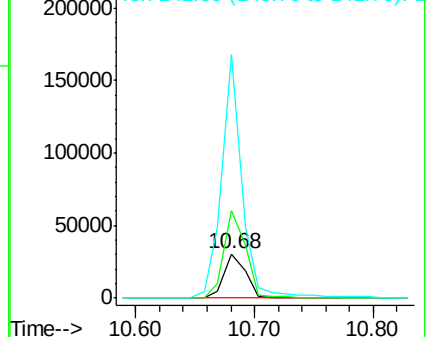
141 553.9 59.0 88.6#

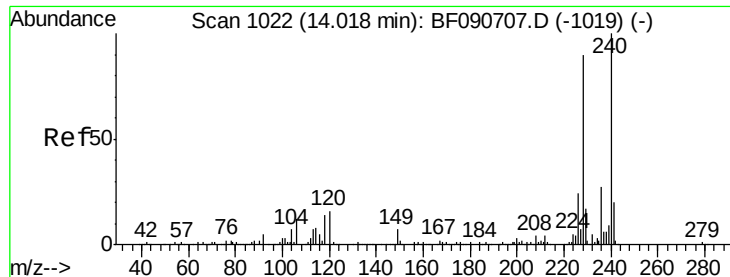


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090721.D

Acq: 21 Oct 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB94239BL

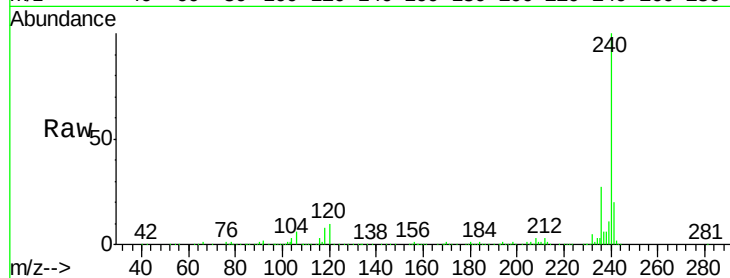
Tgt Ion:240 Resp: 829144

Ion Ratio Lower Upper

240 100

120 9.5 16.2 24.2#

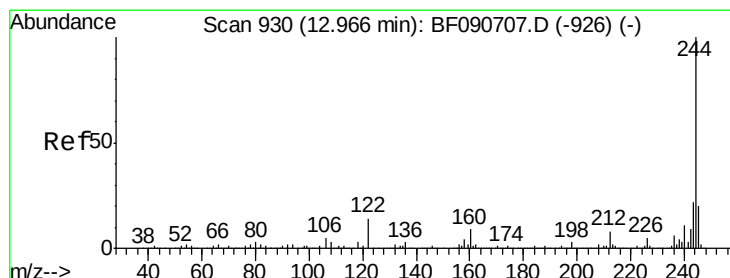
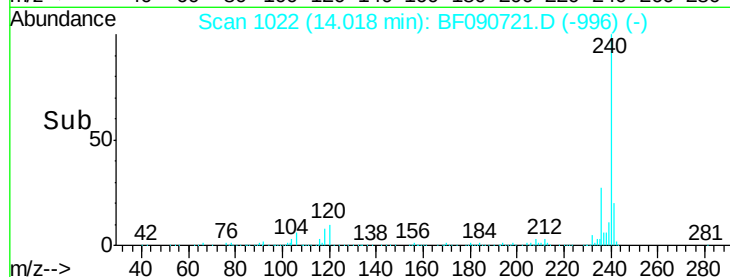
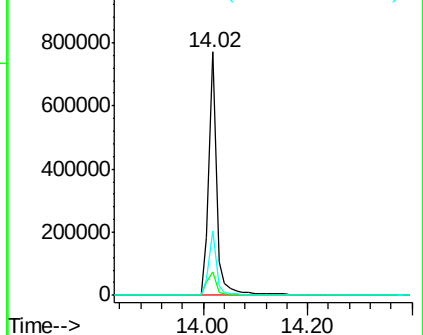
236 26.7 18.4 27.6



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: 67.95 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090721.D

Acq: 21 Oct 2016 20:25

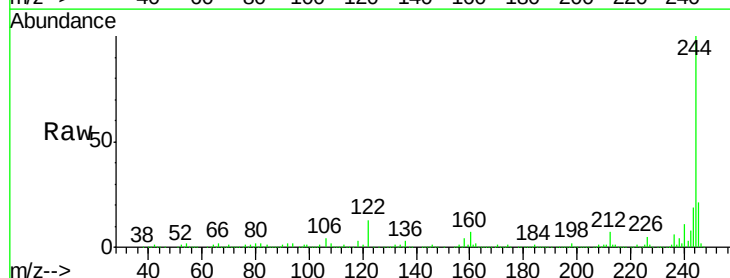
Tgt Ion:244 Resp: 2458127

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

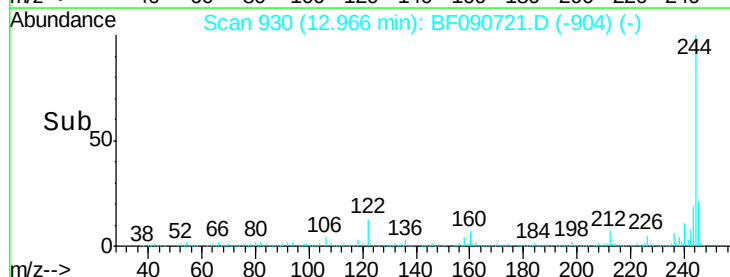
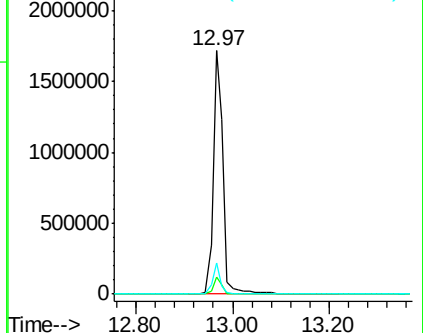
122 12.8 17.4 26.2#

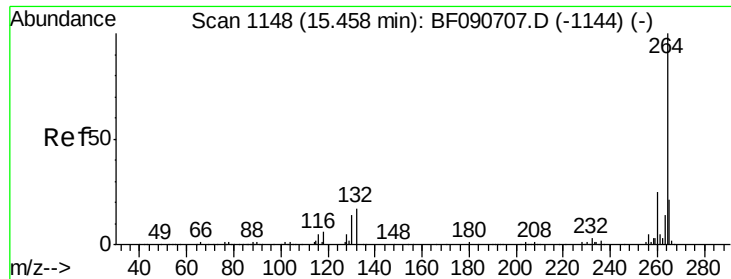


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

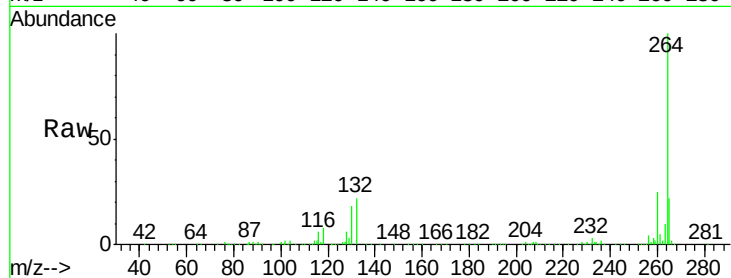




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090721.D
Acq: 21 Oct 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB94239BL

Tgt Ion: 264 Resp: 599766
Ion Ratio Lower Upper
264 100
260 24.8 16.7 25.1
265 21.9 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

