

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090714.D
 Acq On : 21 Oct 2016 15:46
 Operator : UM/SJ
 Sample : PB94239BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BL

Quant Time: Oct 21 23:23:18 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

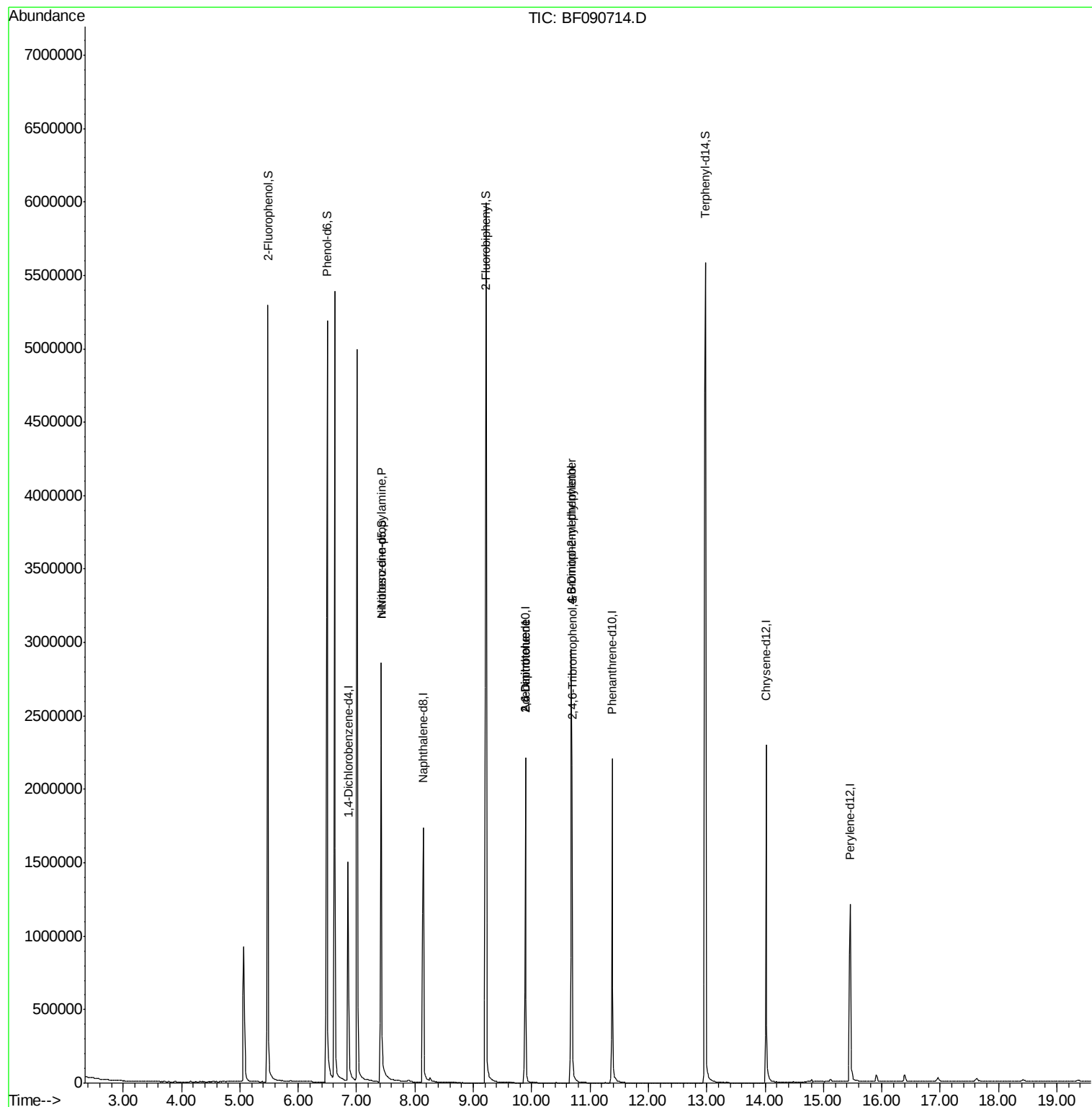
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	272783	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1165353	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	577949	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	960361	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	815079	20.00	ng	0.00
86) Perylene-d12	15.46	264	600953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1898389	112.24	ng	0.02
7) Phenol-d6	6.50	99	2450717	106.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	1667151	78.46	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	656780	143.58	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2475059	66.48	ng	-0.01
78) Terphenyl-d14	12.98	244	2791725	78.50	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	222312	13.03	ng	# 50
50) 2,6-Dinitrotoluene	9.89	165	74913	9.59	ng	# 39
56) 2,4-Dinitrotoluene	9.89	165	75820	7.94	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	937	4.32	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	40123	4.31	ng	# 1

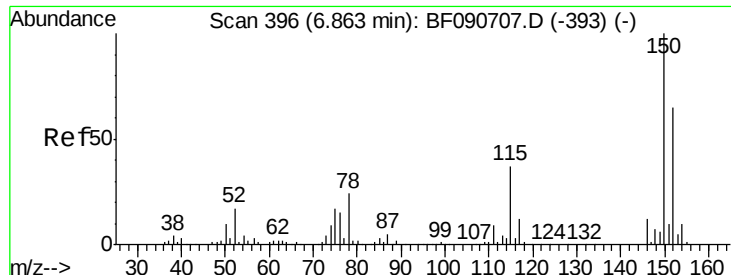
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090714.D

Acq: 21 Oct 2016 15:46

Instrument :

BNA_F

ClientSampleId :

PB94239BL

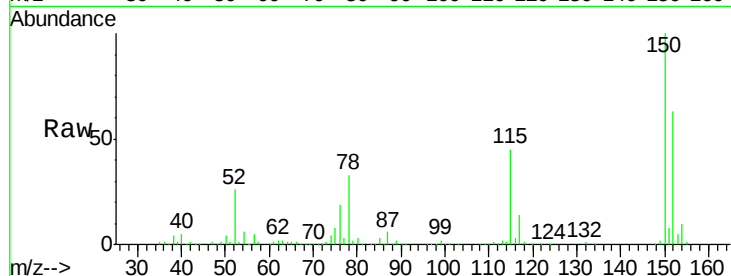
Tgt Ion:152 Resp: 272783

Ion Ratio Lower Upper

152 100

150 158.6 124.7 187.1

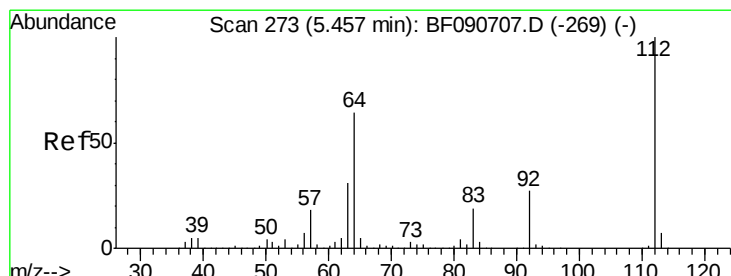
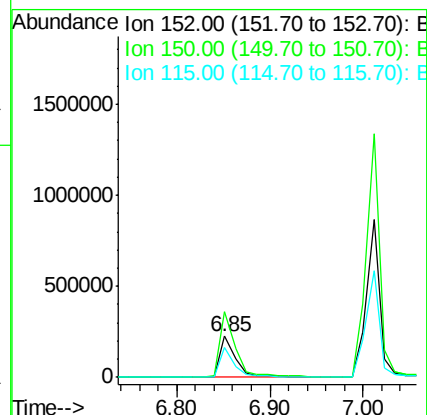
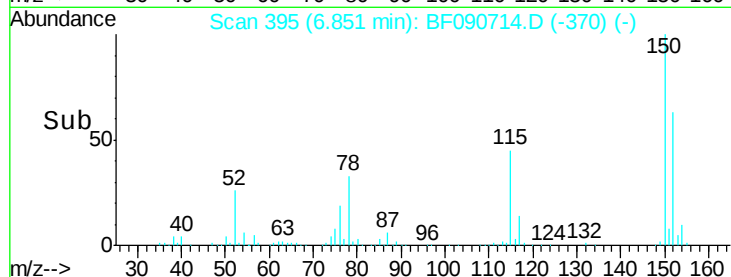
115 72.1 39.0 58.4#



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: 112.24 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090714.D

Acq: 21 Oct 2016 15:46

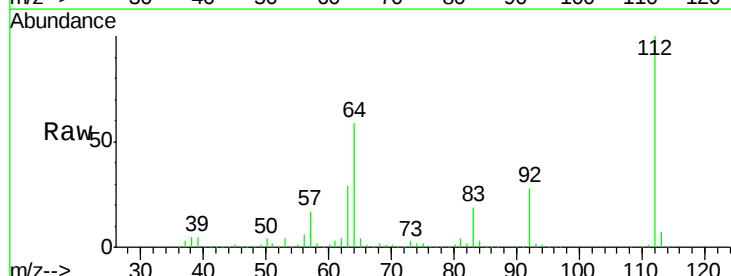
Tgt Ion:112 Resp: 1898389

Ion Ratio Lower Upper

112 100

64 59.2 39.7 59.5

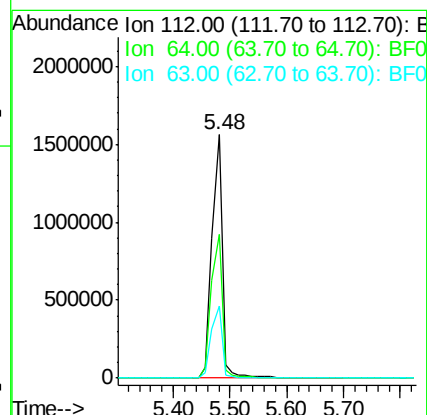
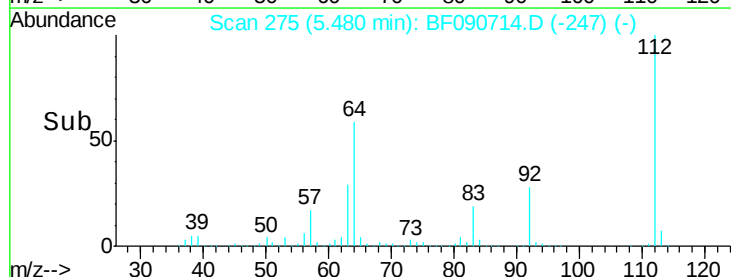
63 29.4 17.4 26.0#

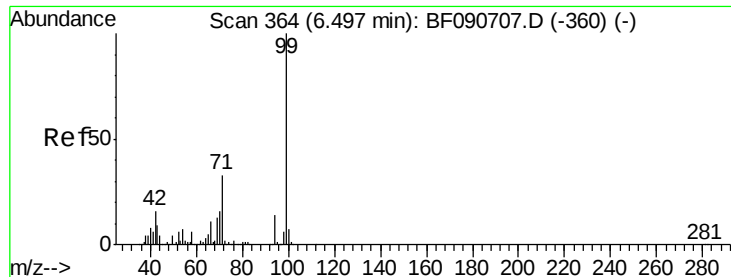


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.97 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090714.D

Acq: 21 Oct 2016 15:46

Instrument :

BNA_F

ClientSampleId :

PB94239BL

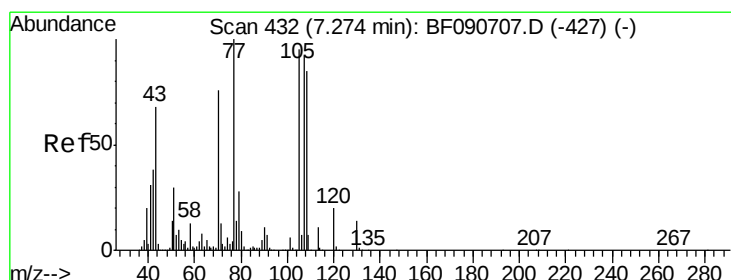
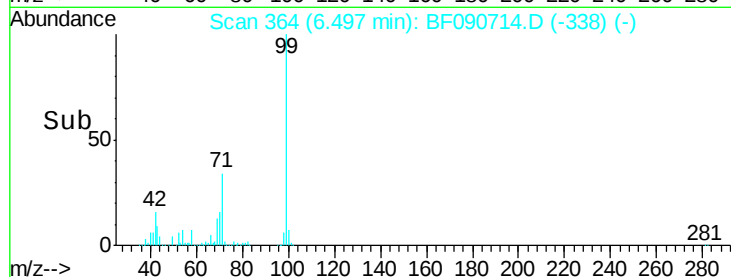
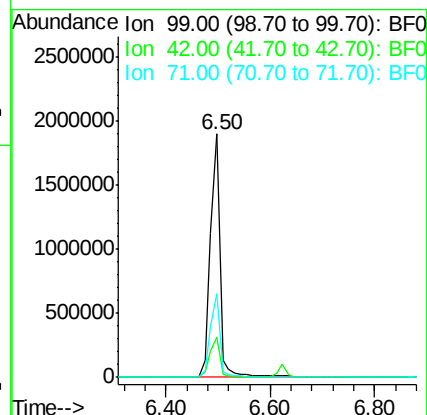
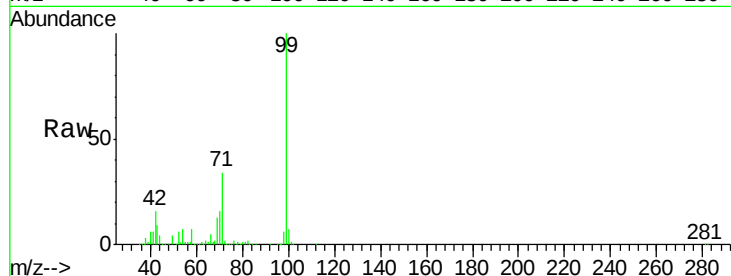
Tgt Ion: 99 Resp: 2450717

Ion Ratio Lower Upper

99 100

42 16.5 13.7 20.5

71 34.1 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 13.03 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090714.D

Acq: 21 Oct 2016 15:46

Tgt Ion: 70 Resp: 222312

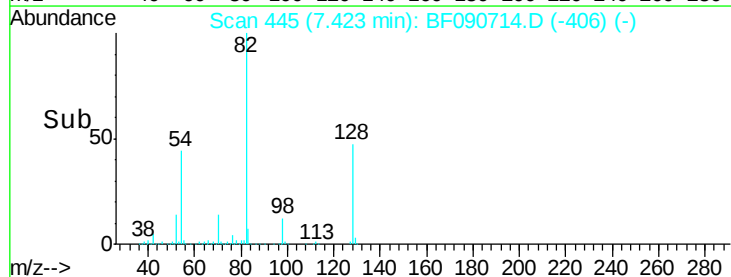
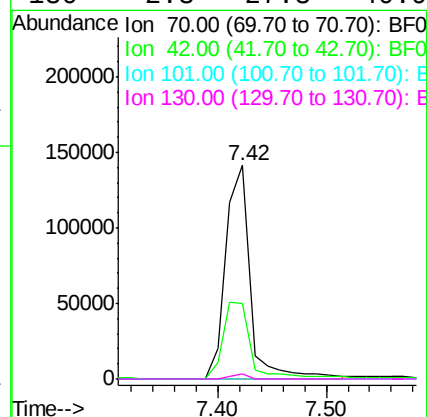
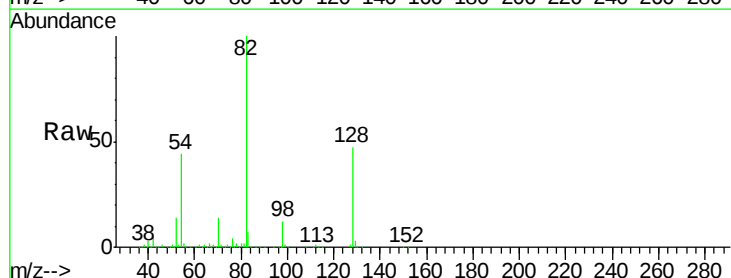
Ion Ratio Lower Upper

70 100

42 35.5 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: BF090714.D

Acq: 21 Oct 2016 15:46

Instrument :

BNA_F

ClientSampleId :

PB94239BL

Tgt Ion:136 Resp: 1165353

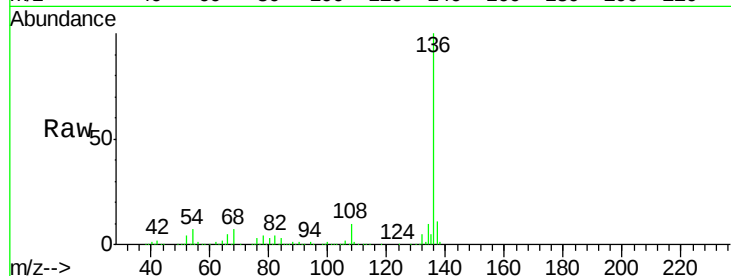
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.5 8.2 12.2#

68 6.6 5.8 8.6

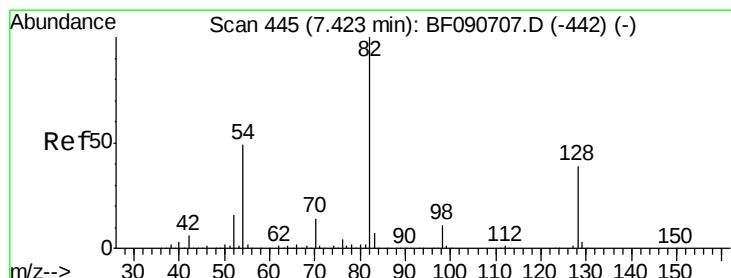
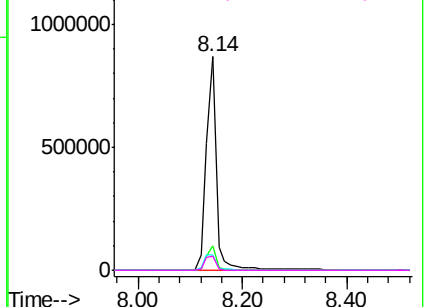
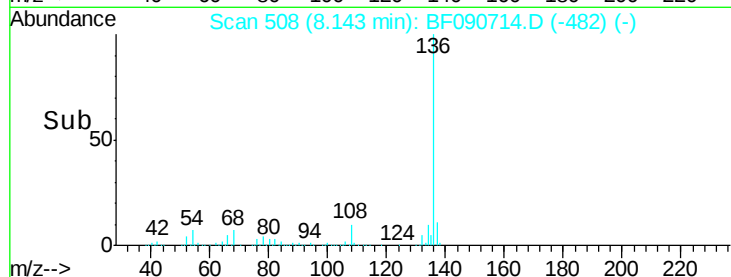


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.46 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090714.D

Acq: 21 Oct 2016 15:46

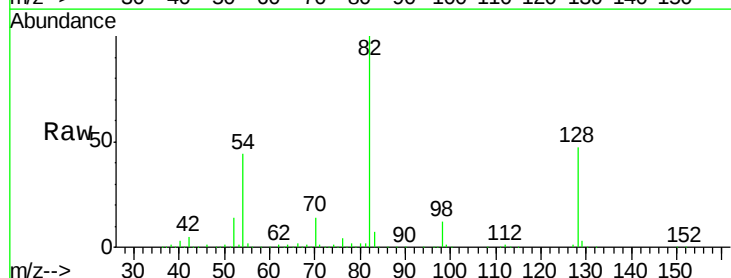
Tgt Ion: 82 Resp: 1667151

Ion Ratio Lower Upper

82 100

128 46.9 51.0 76.6#

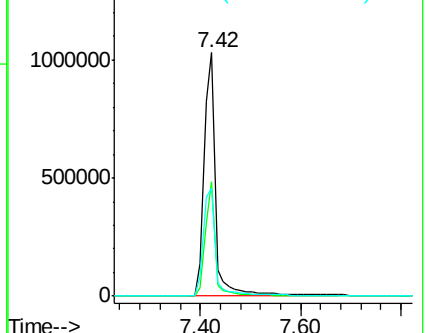
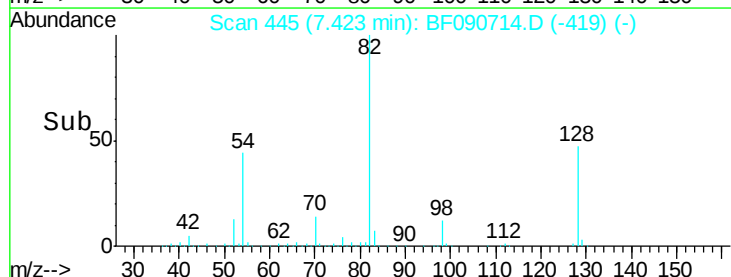
54 44.2 47.5 71.3#

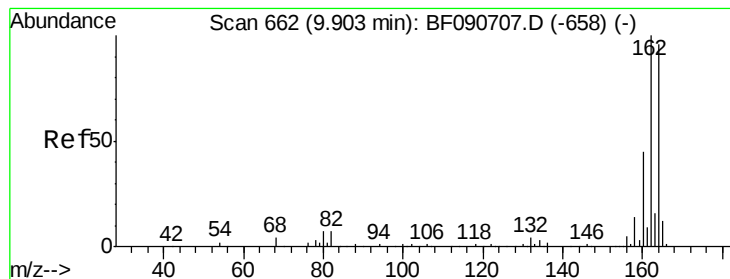


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF090714.D

Acq: 21 Oct 2016 15:46

Instrument :

BNA_F

ClientSampleId :

PB94239BL

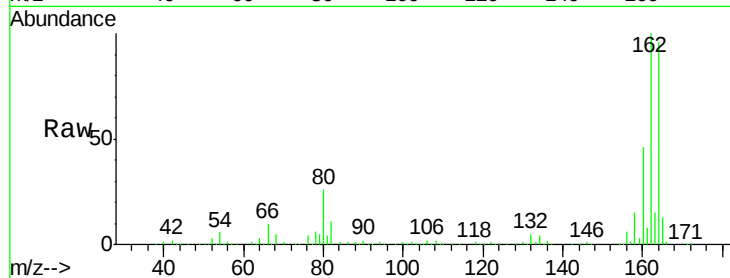
Tgt Ion:164 Resp: 577949

Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

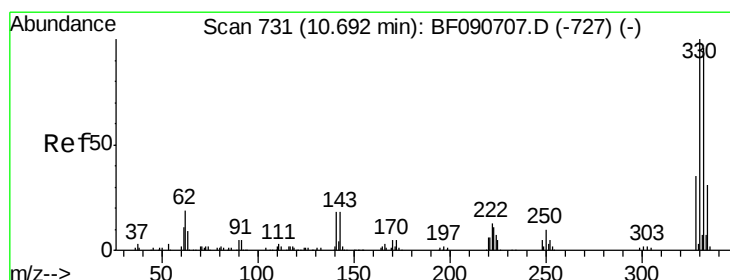
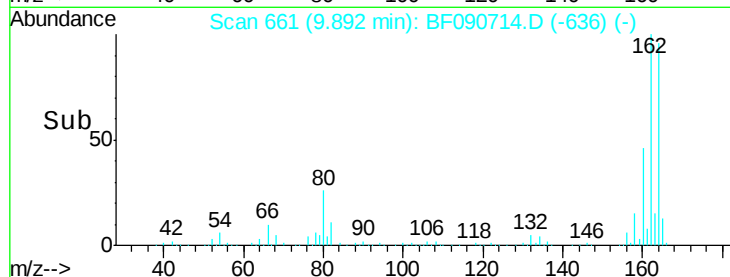
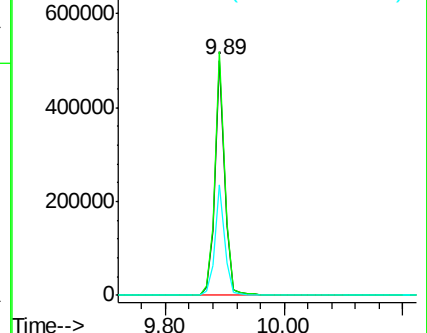
160 47.3 31.5 47.3#



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: 143.58 ng

RT: 10.69 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090714.D

Acq: 21 Oct 2016 15:46

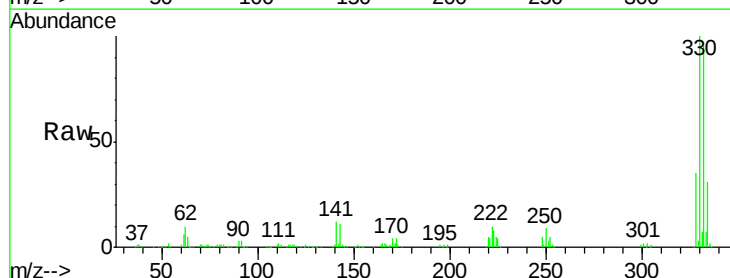
Tgt Ion:330 Resp: 656780

Ion Ratio Lower Upper

330 100

332 95.0 76.6 114.8

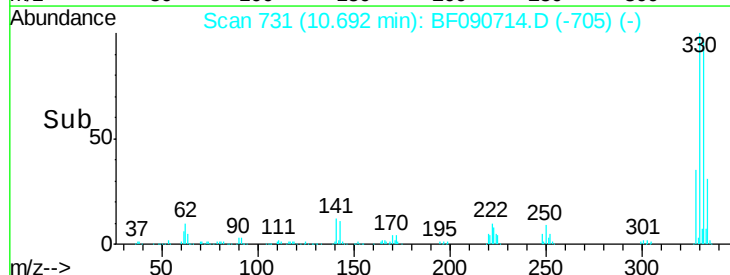
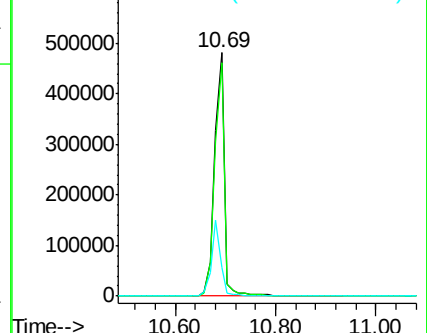
141 30.0 29.7 44.5

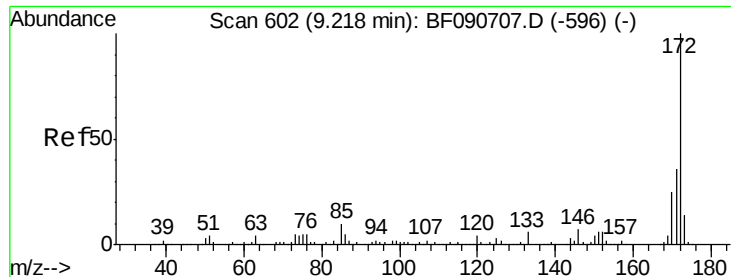


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

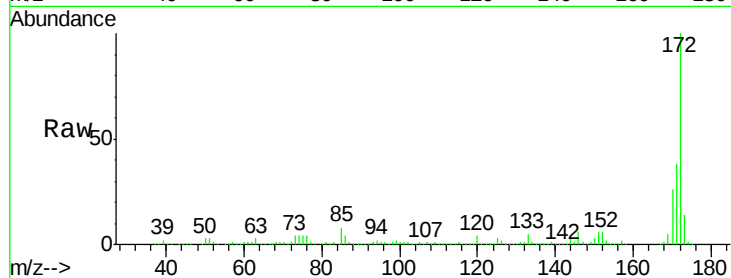




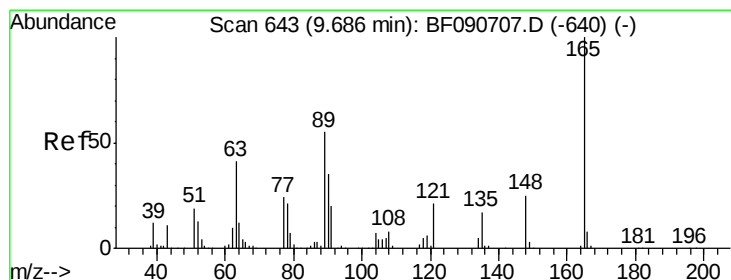
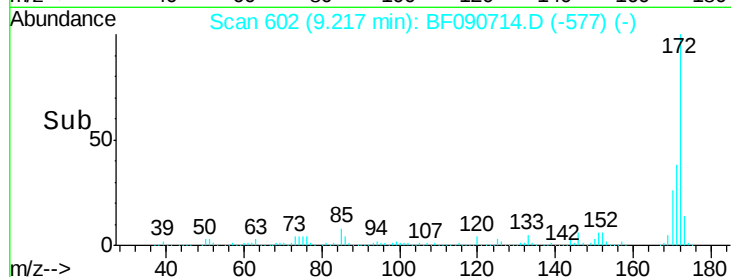
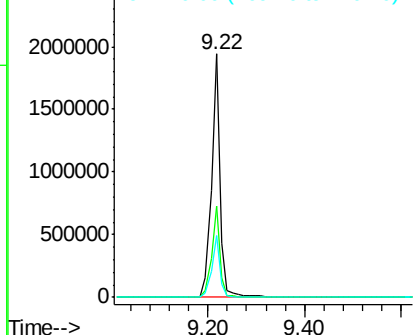
#44
 2-Fluorobiphenyl
 Concen: 66.48 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090714.D
 Acq: 21 Oct 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BL

Tgt Ion:172 Resp: 2475059
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.6 17.4 26.2

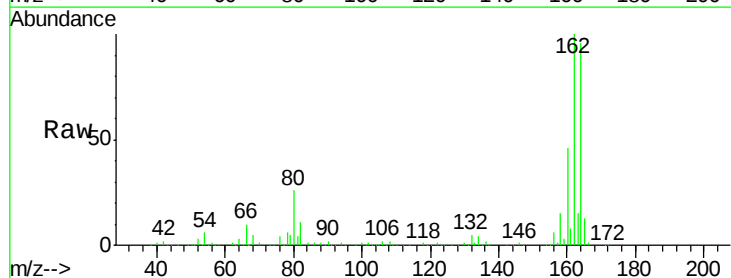


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

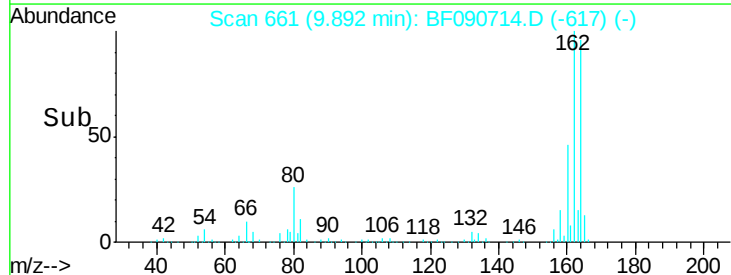
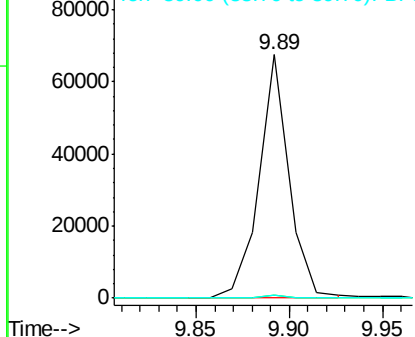


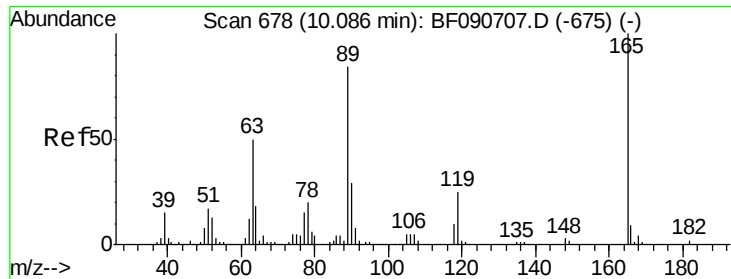
#50
 2,6-Dinitrotoluene
 Concen: 9.59 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090714.D
 Acq: 21 Oct 2016 15:46

Tgt Ion:165 Resp: 74913
 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

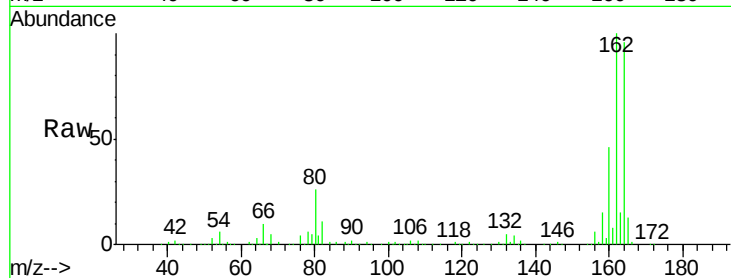




#56
 2,4-Dinitrotoluene
 Concen: 7.94 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090714.D
 Acq: 21 Oct 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BL

Tgt Ion:	165	Resp:	75820
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#

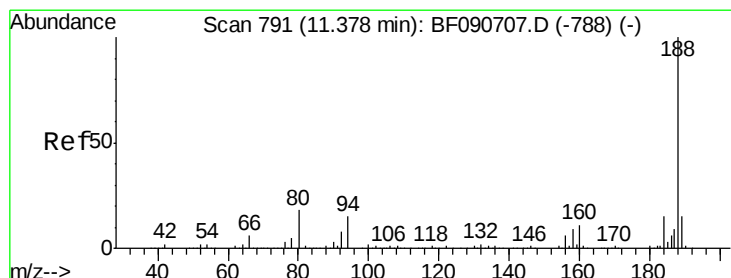
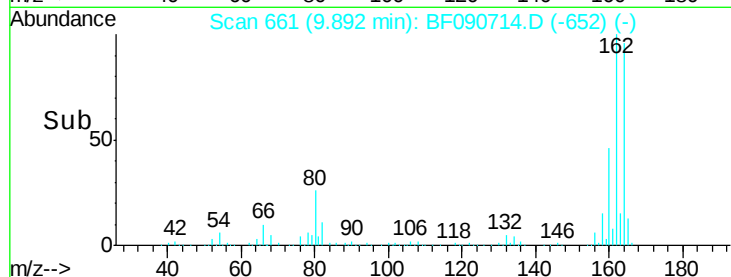
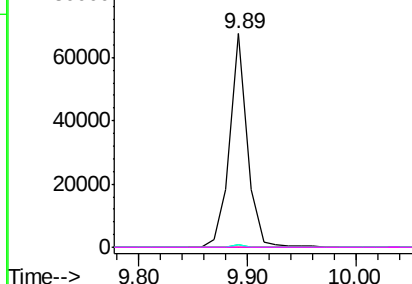


Abundance Ion 165.00 (164.70 to 165.70): E

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



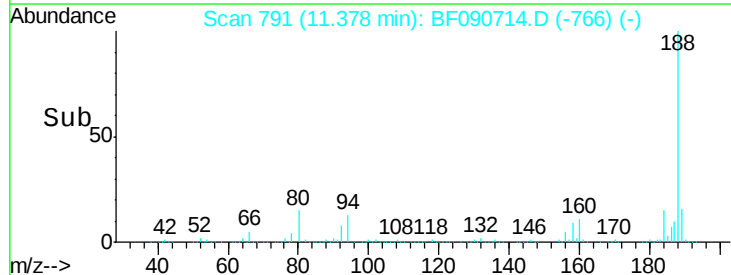
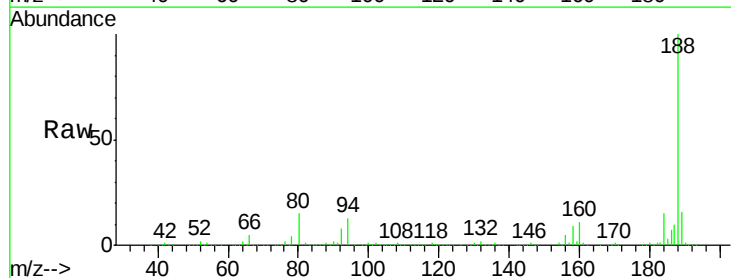
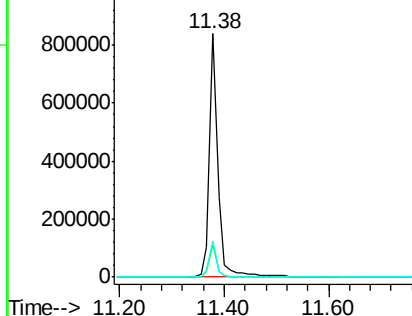
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090714.D
 Acq: 21 Oct 2016 15:46

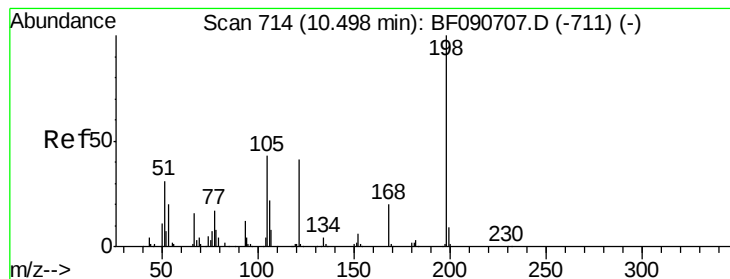
Tgt Ion:	188	Resp:	960361
Ion	Ratio	Lower	Upper
188	100		
94	13.2	11.1	16.7
80	14.8	11.0	16.4

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: 4.32 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090714.D

Acq: 21 Oct 2016 15:46

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ClientSampleId :

PB94239BL

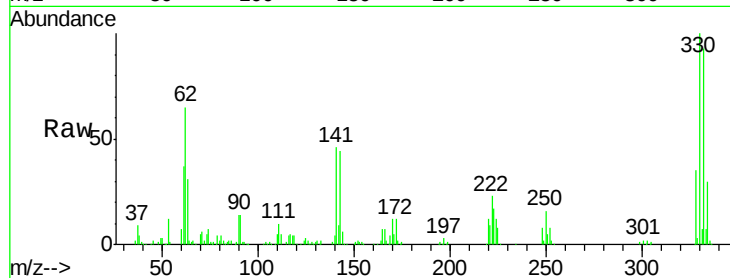
Tgt Ion:198 Resp: 937

Ion Ratio Lower Upper

198 100

51 199.8 39.6 79.6#

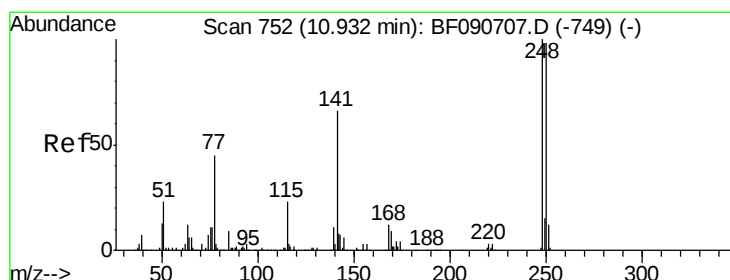
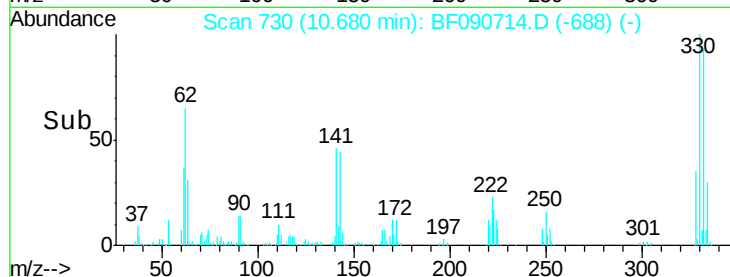
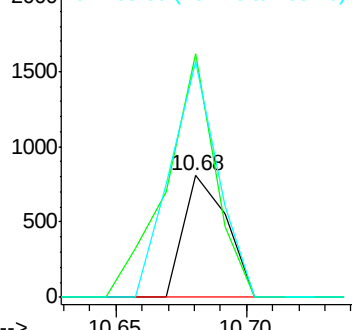
105 194.0 28.5 68.5#



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: 4.31 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090714.D

Acq: 21 Oct 2016 15:46

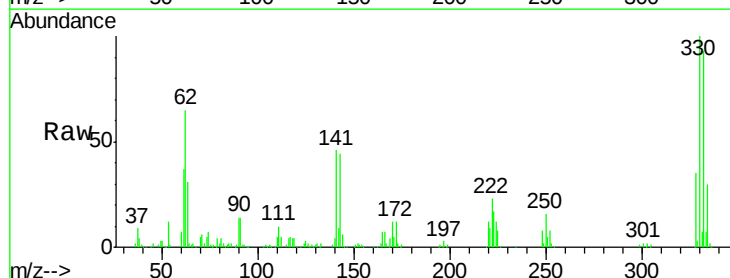
Tgt Ion:248 Resp: 40123

Ion Ratio Lower Upper

248 100

250 201.0 78.5 117.7#

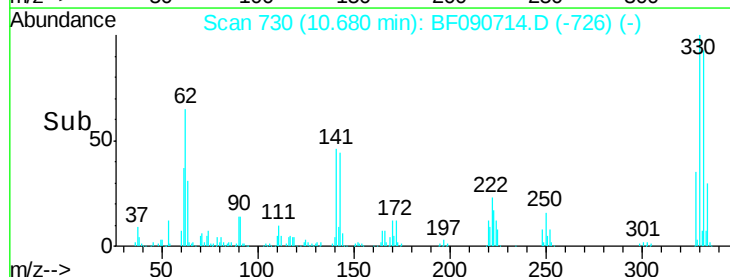
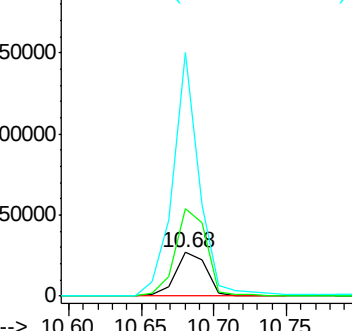
141 559.2 59.0 88.6#

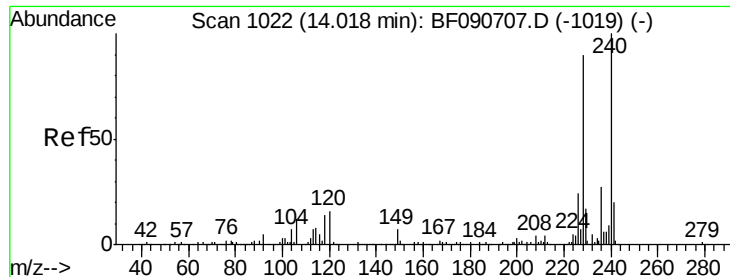


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090714.D

Acq: 21 Oct 2016 15:46

Instrument :

BNA_F

ClientSampleId :

PB94239BL

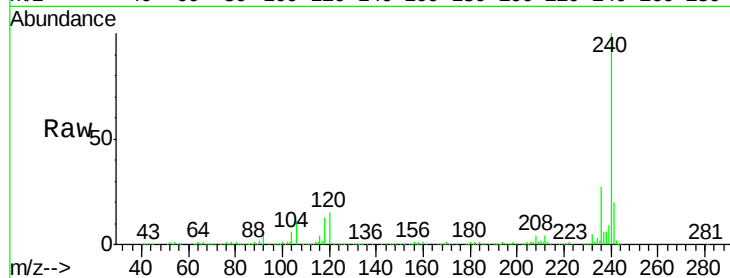
Tgt Ion:240 Resp: 815079

Ion Ratio Lower Upper

240 100

120 14.9 16.2 24.2#

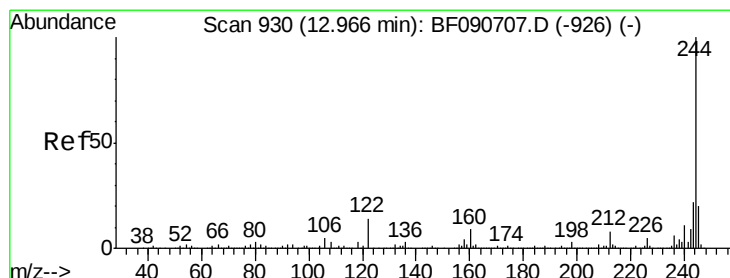
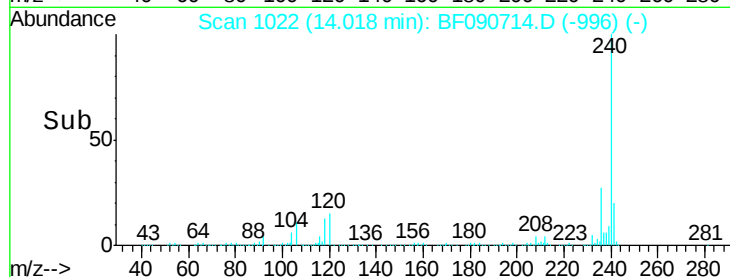
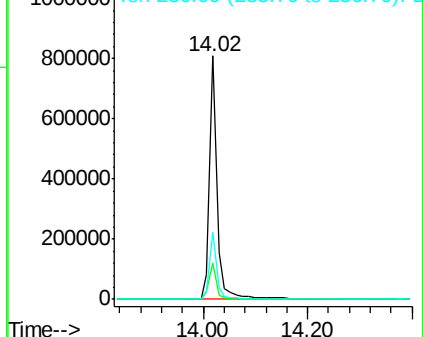
236 27.5 18.4 27.6



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: 78.50 ng

RT: 12.98 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF090714.D

Acq: 21 Oct 2016 15:46

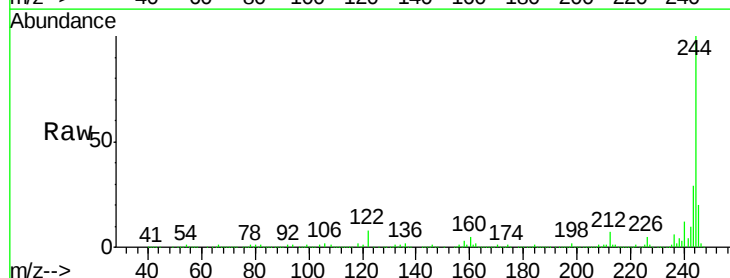
Tgt Ion:244 Resp: 2791725

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

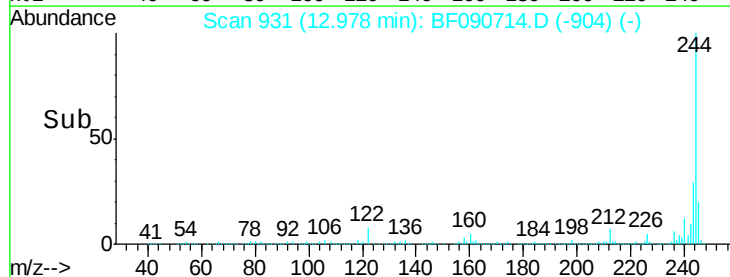
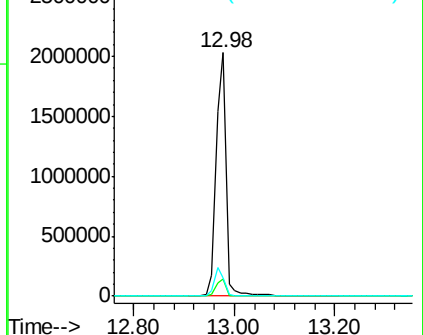
122 7.6 17.4 26.2#

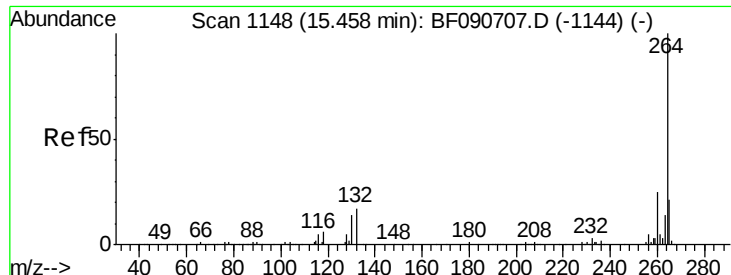


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

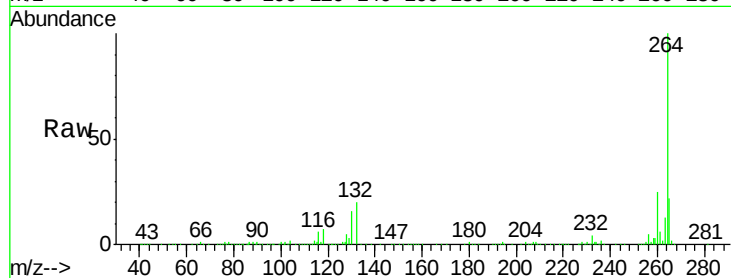




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF090714.D
Acq: 21 Oct 2016 15:46

Instrument :
BNA_F
ClientSampleId :
PB94239BL

Tgt Ion:264 Resp: 600953
Ion Ratio Lower Upper
264 100
260 25.3 16.7 25.1#
265 21.8 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

