

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090712.D
 Acq On : 21 Oct 2016 14:36
 Operator : UM/SJ
 Sample : PB94209BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BL

Quant Time: Oct 21 23:22:32 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

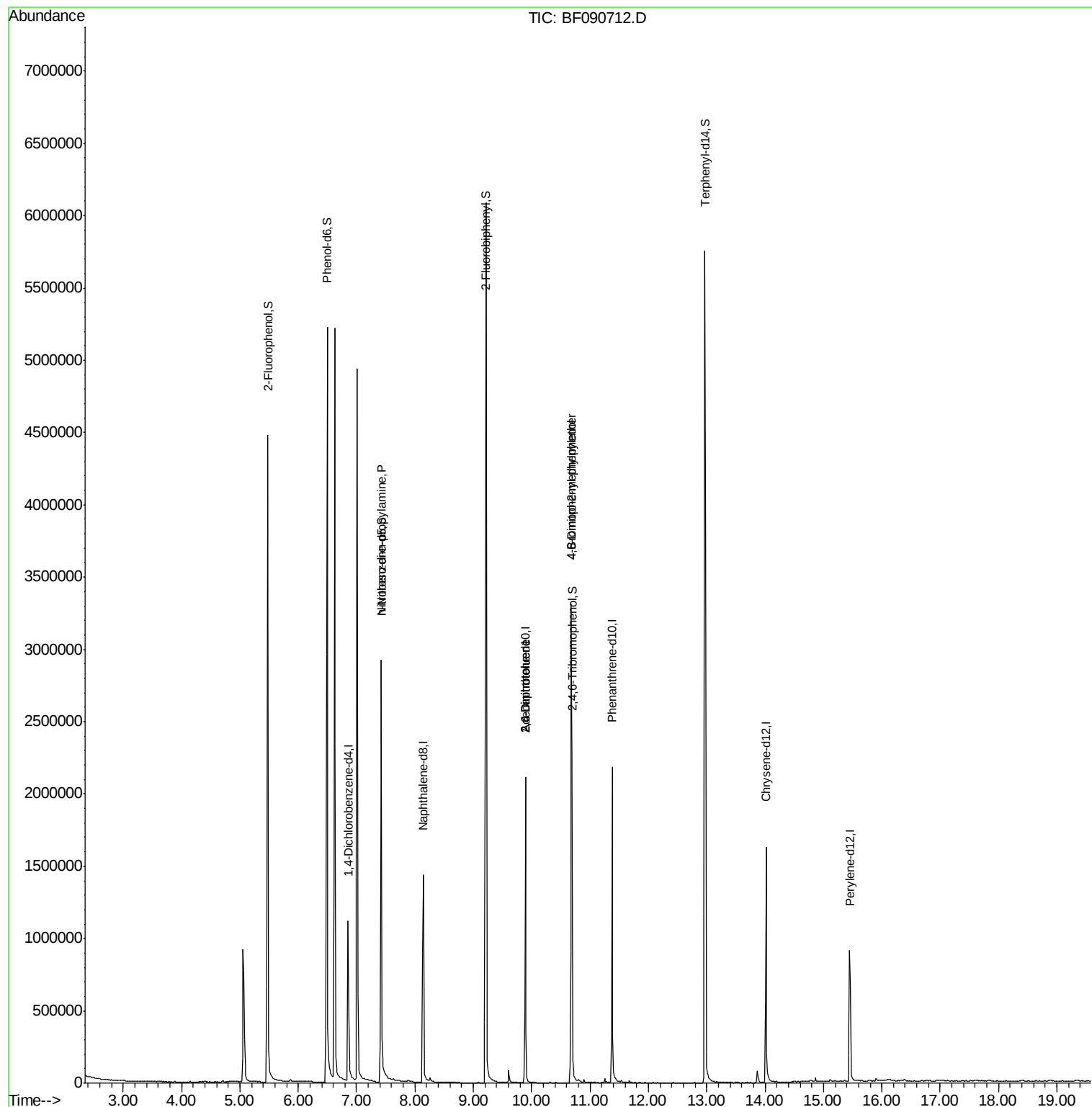
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	218474	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	935064	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	486950	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	826909	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	633200	20.00	ng	0.00
86) Perylene-d12	15.45	264	458241	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1919450	141.69	ng	0.02
7) Phenol-d6	6.50	99	2402896	130.96	ng	0.00
23) Nitrobenzene-d5	7.42	82	1580224	92.69	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	641646	166.48	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2444798	77.94	ng	-0.01
78) Terphenyl-d14	12.97	244	2610606	94.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	208004	15.22	ng	# 51
50) 2,6-Dinitrotoluene	9.89	165	63141	9.60	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	63421	7.89	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1202	4.39	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	40831	5.09	ng	# 1

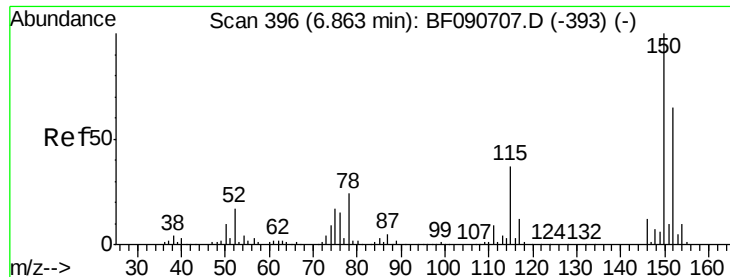
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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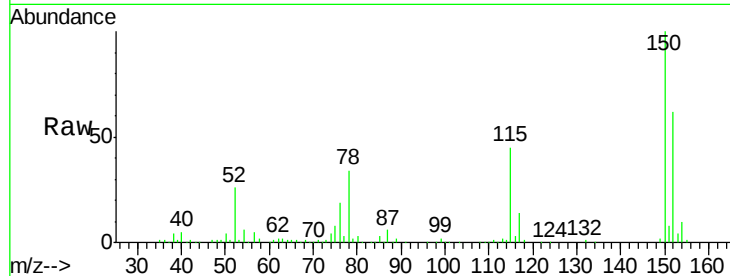


#1

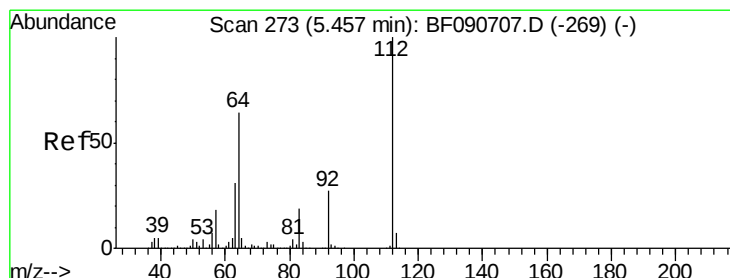
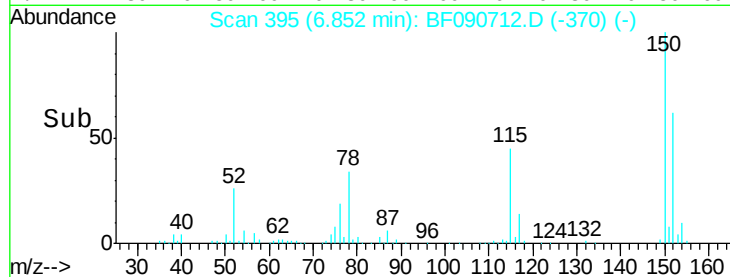
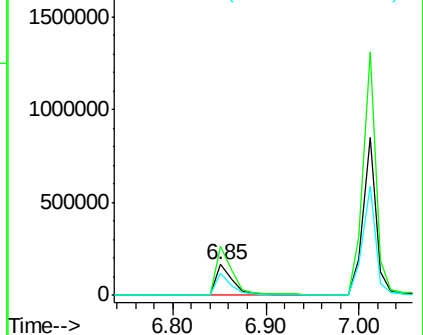
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090712.D
Acq: 21 Oct 2016 14:36

Instrument :
BNA_F
ClientSampleId :
PB94209BL

Tgt Ion:152 Resp: 218474
Ion Ratio Lower Upper
152 100
150 160.2 124.7 187.1
115 72.0 39.0 58.4#



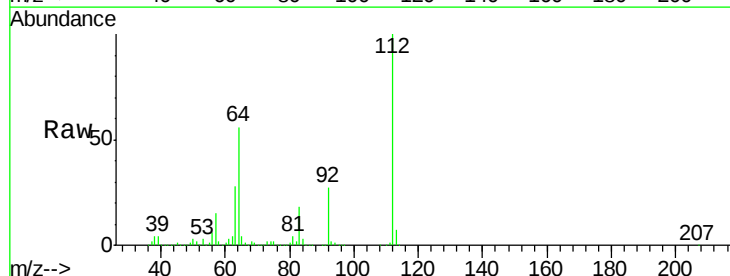
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



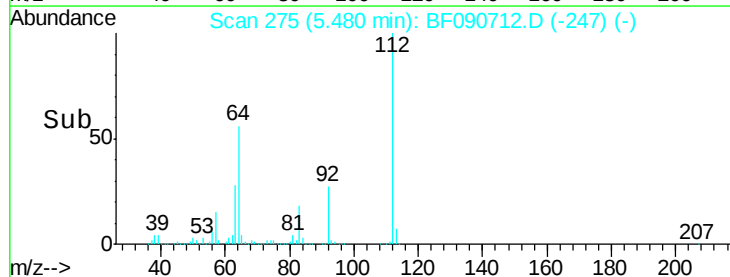
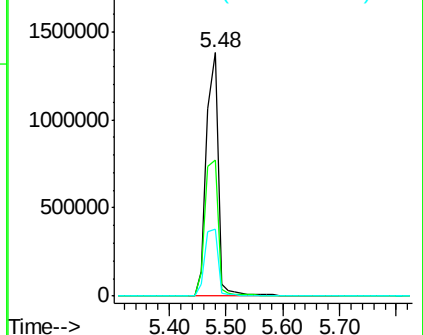
#5

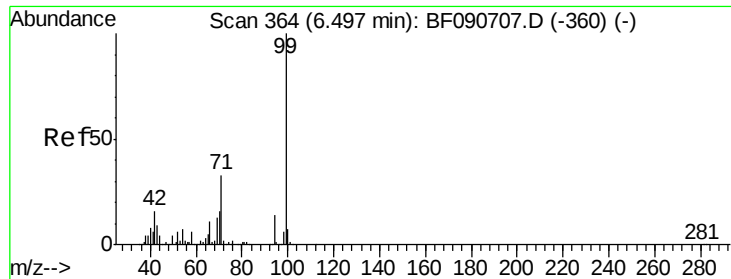
2-Fluorophenol
Concen: 141.69 ng
RT: 5.48 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF090712.D
Acq: 21 Oct 2016 14:36

Tgt Ion:112 Resp: 1919450
Ion Ratio Lower Upper
112 100
64 55.8 39.7 59.5
63 27.5 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: 130.96 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090712.D

Acq: 21 Oct 2016 14:36

Instrument :

BNA_F

ClientSampleId :

PB94209BL

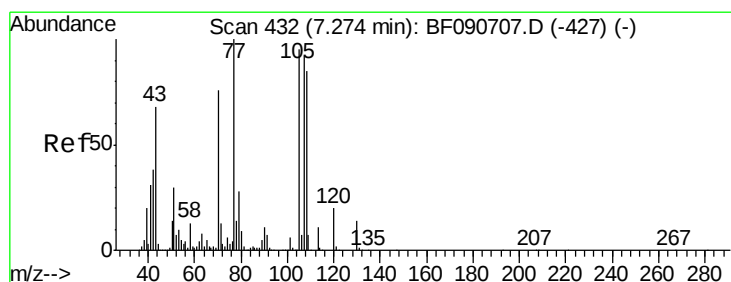
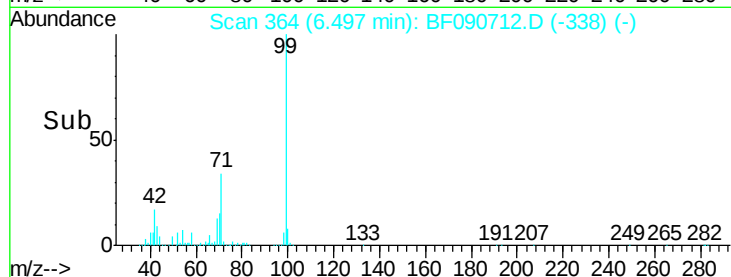
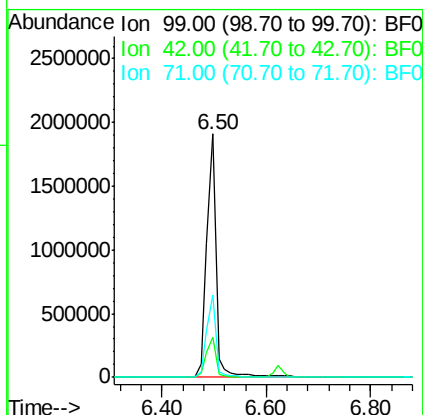
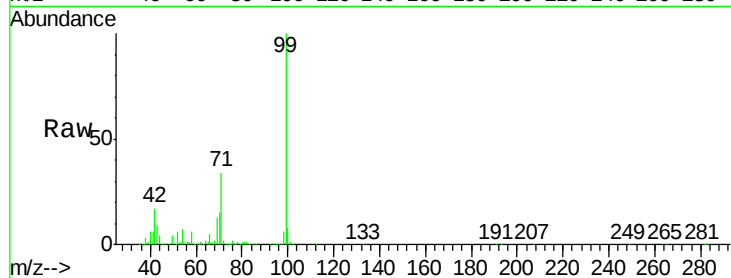
Tgt Ion: 99 Resp: 2402896

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

71 33.7 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.22 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090712.D

Acq: 21 Oct 2016 14:36

Tgt Ion: 70 Resp: 208004

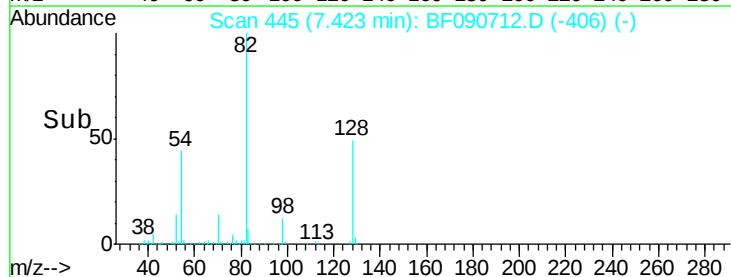
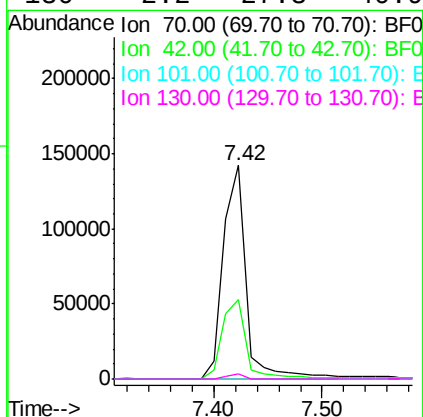
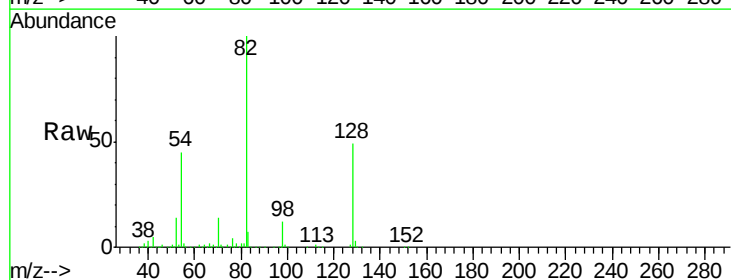
Ion Ratio Lower Upper

70 100

42 36.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

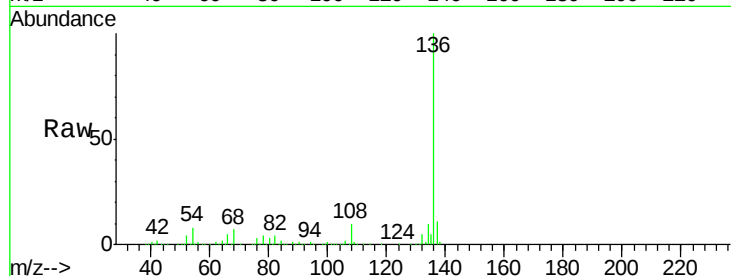




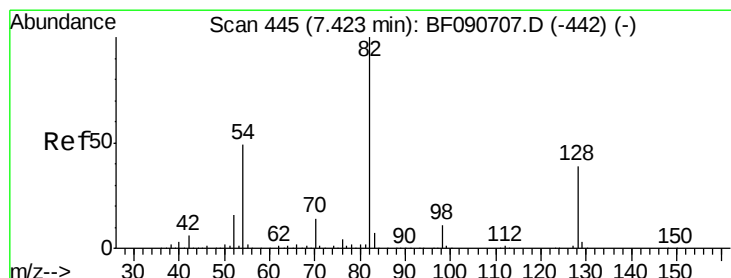
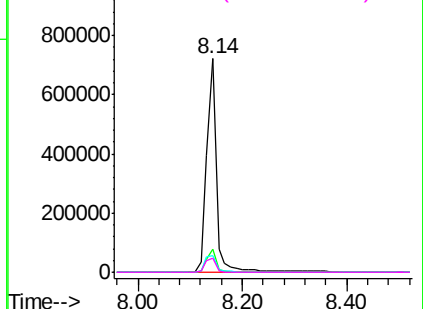
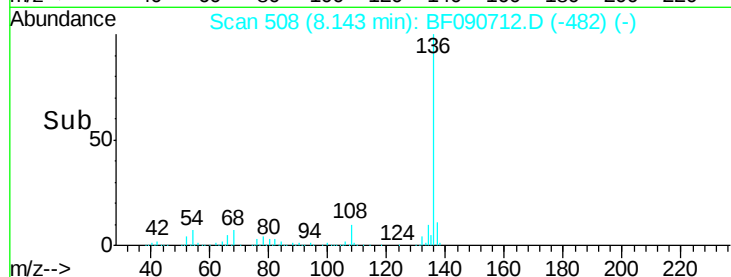
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090712.D
Acq: 21 Oct 2016 14:36

Instrument :
BNA_F
ClientSampleId :
PB94209BL

Tgt Ion:	136	Resp:	935064
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.5	8.2	12.2#
68	6.6	5.8	8.6

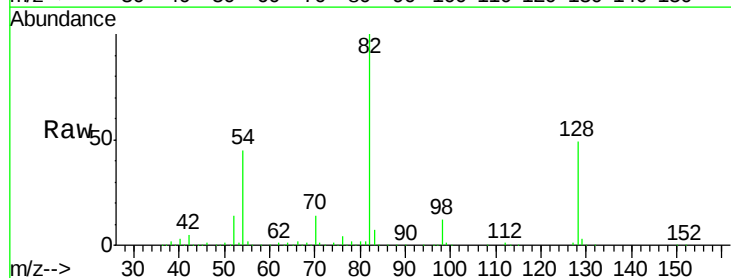


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

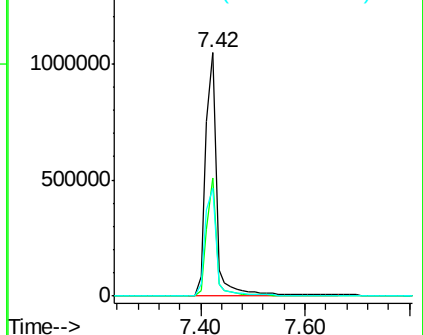
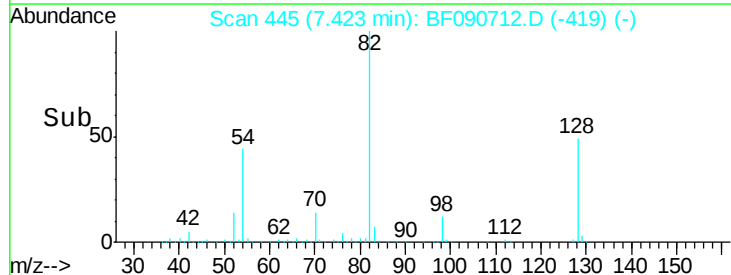


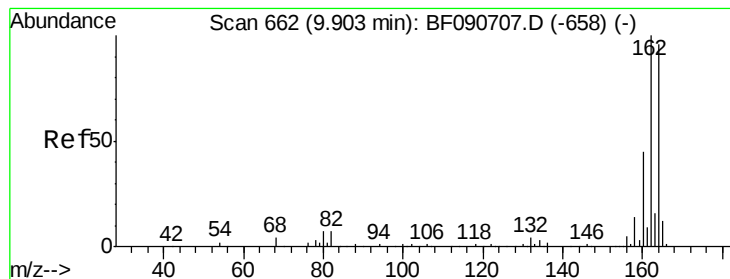
#23
Nitrobenzene-d5
Concen: 92.69 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090712.D
Acq: 21 Oct 2016 14:36

Tgt Ion:	82	Resp:	1580224
Ion	Ratio	Lower	Upper
82	100		
128	48.7	51.0	76.6#
54	44.5	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: BF090712.D

Acq: 21 Oct 2016 14:36

Instrument :

BNA_F

ClientSampleId :

PB94209BL

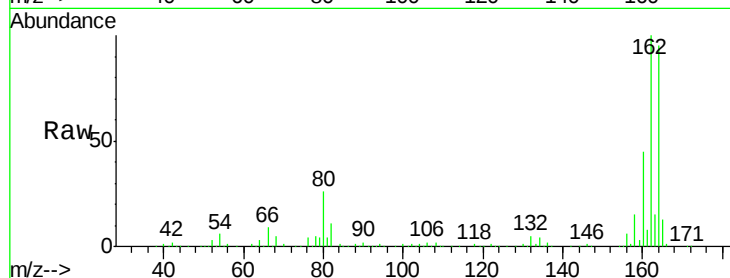
Tgt Ion:164 Resp: 486950

Ion Ratio Lower Upper

164 100

162 105.7 75.2 112.8

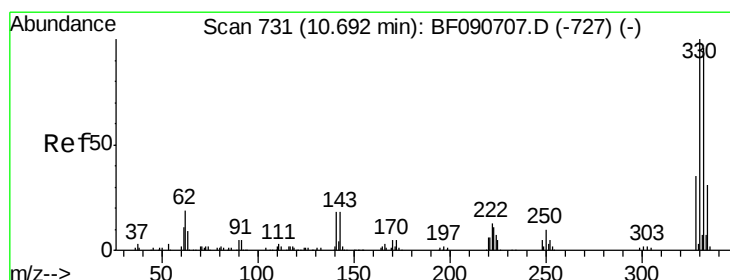
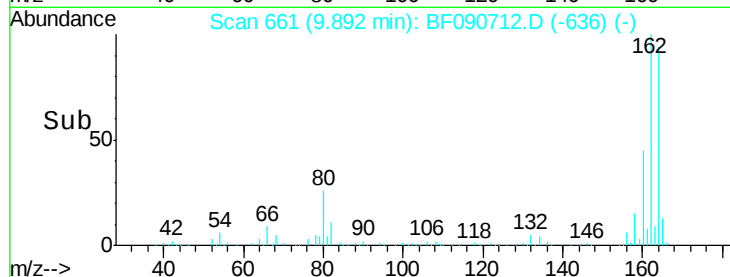
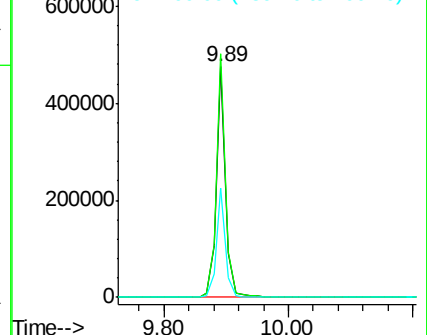
160 47.6 31.5 47.3#



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: 166.48 ng

RT: 10.69 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090712.D

Acq: 21 Oct 2016 14:36

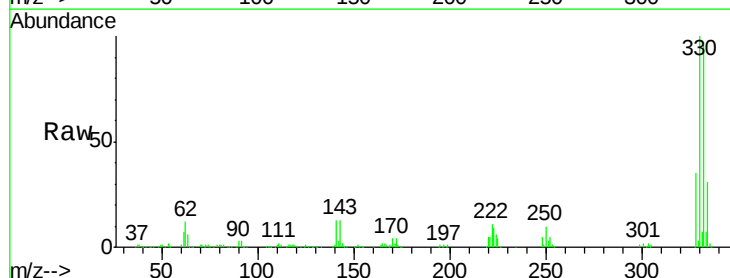
Tgt Ion:330 Resp: 641646

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

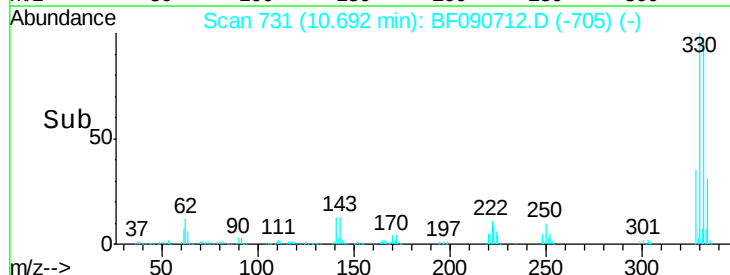
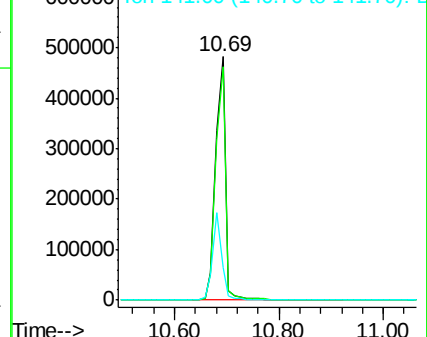
141 33.8 29.7 44.5

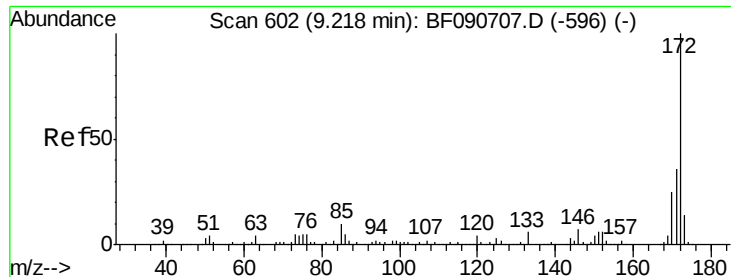


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

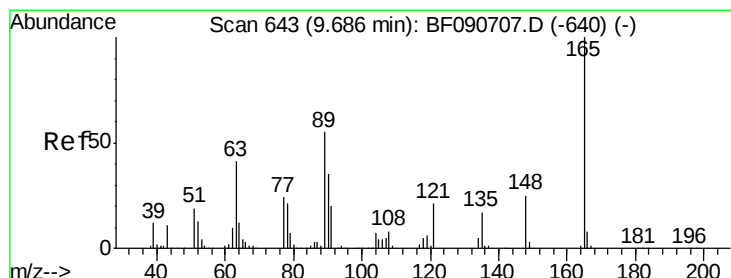
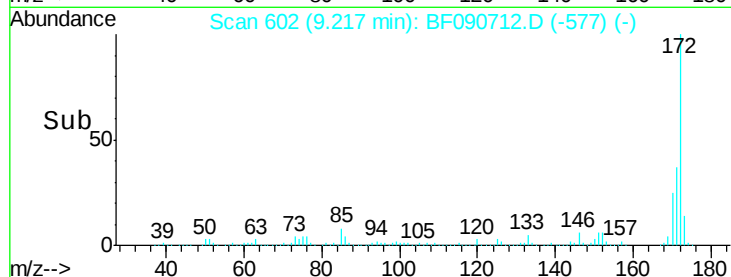
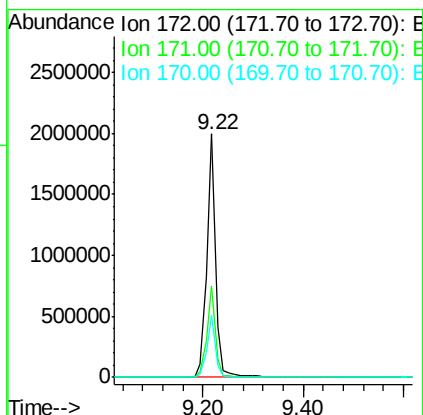
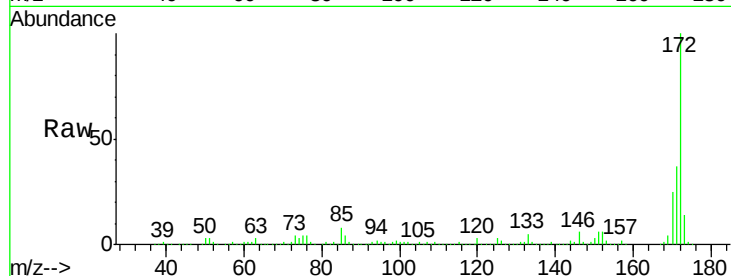




#44
 2-Fluorobiphenyl
 Concen: 77.94 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090712.D
 Acq: 21 Oct 2016 14:36

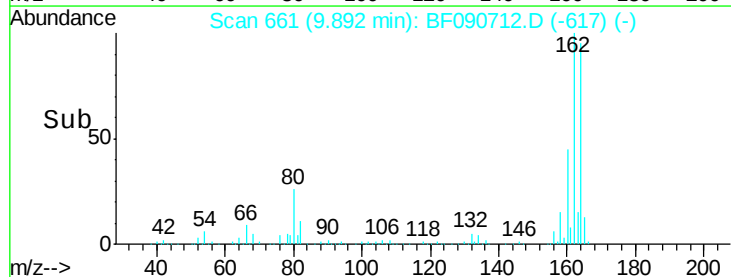
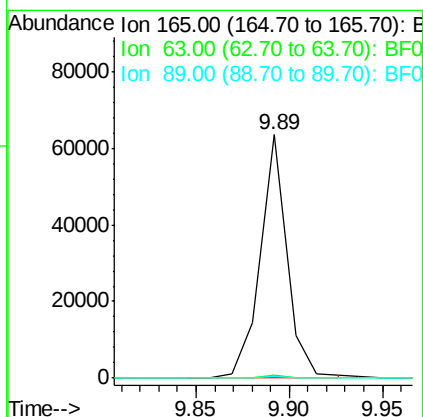
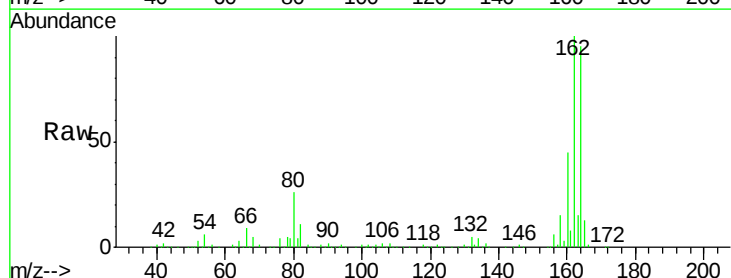
Instrument :
 BNA_F
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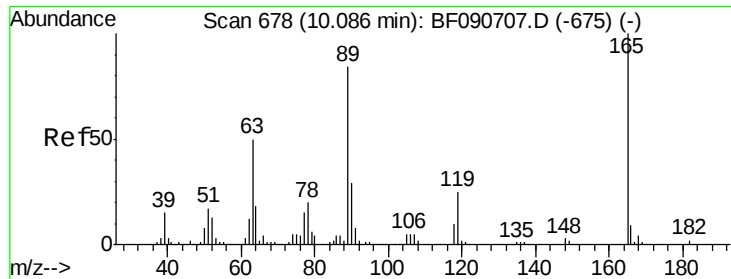
Tgt Ion:172 Resp: 2444798
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 25.4 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 9.60 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090712.D
 Acq: 21 Oct 2016 14:36

Tgt Ion:165 Resp: 63141
 Ion Ratio Lower Upper
 165 100
 63 1.0 32.3 48.5#
 89 0.9 28.6 43.0#

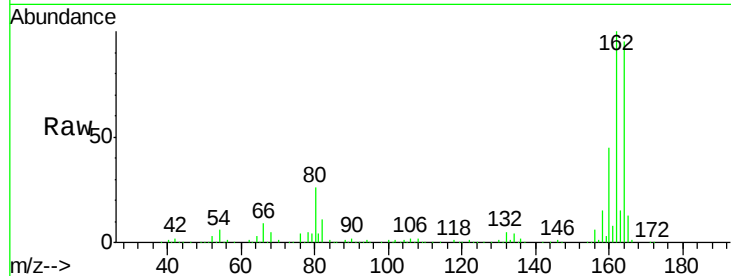




#56
 2,4-Dinitrotoluene
 Concen: 7.89 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090712.D
 Acq: 21 Oct 2016 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BL

Tgt Ion:	165	Resp:	63421
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

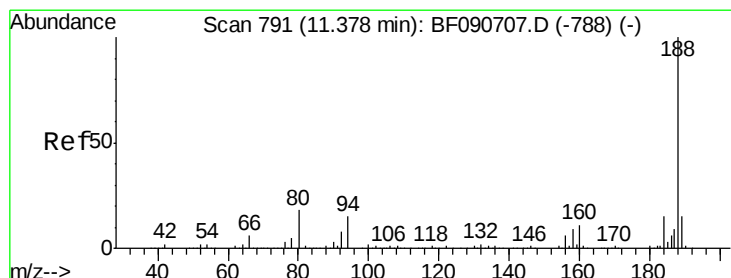
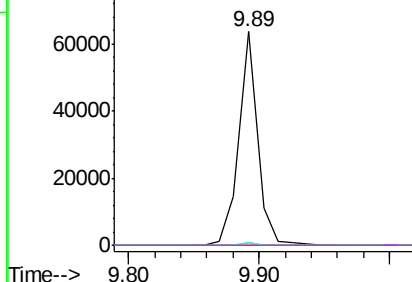
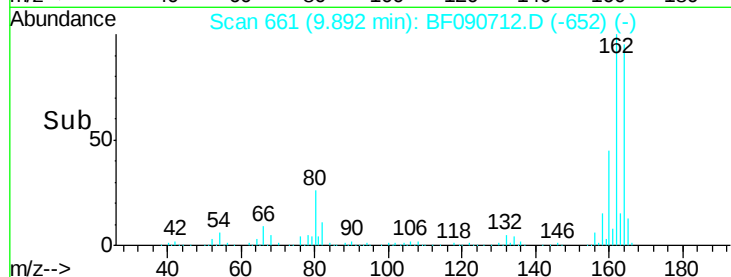


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

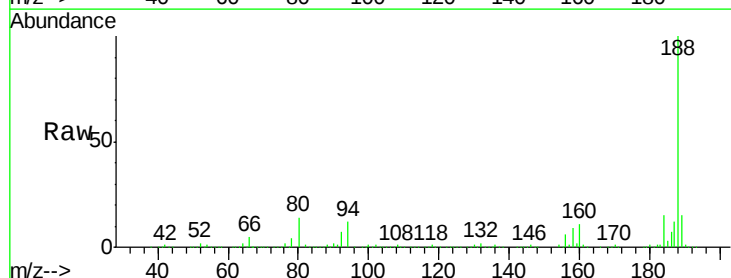
Ion 89.00 (88.70 to 89.70): BF0

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: BF090712.D
 Acq: 21 Oct 2016 14:36

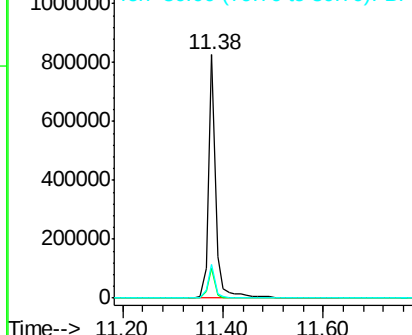
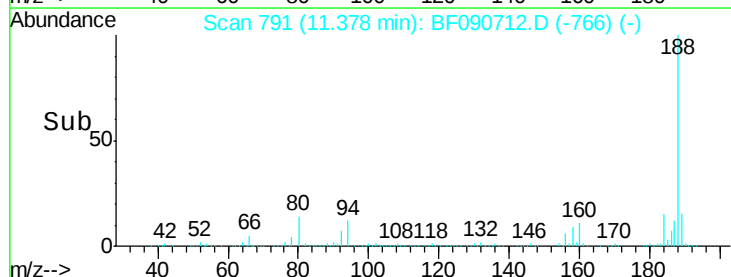
Tgt Ion:	188	Resp:	826909
Ion	Ratio	Lower	Upper
188	100		
94	12.3	11.1	16.7
80	13.9	11.0	16.4

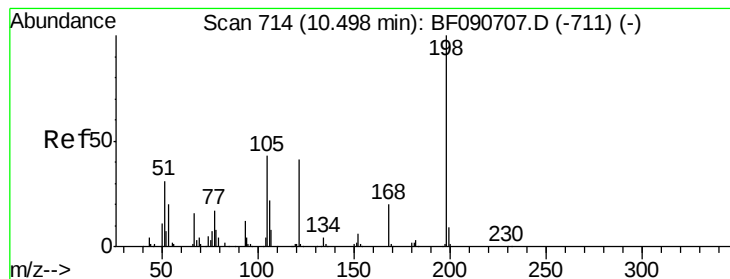


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.39 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090712.D

Acq: 21 Oct 2016 14:36

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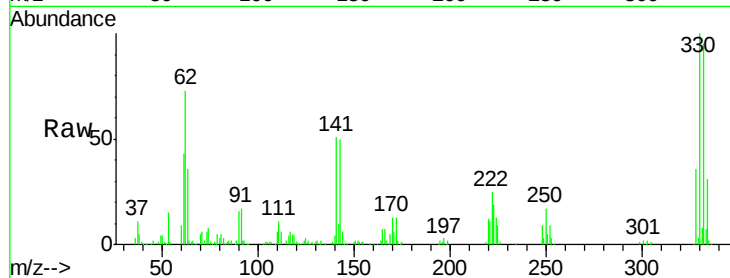
Tgt Ion:198 Resp: 1202

Ion Ratio Lower Upper

198 100

51 170.6 39.6 79.6#

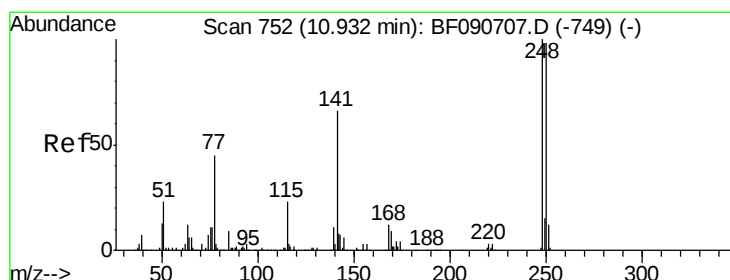
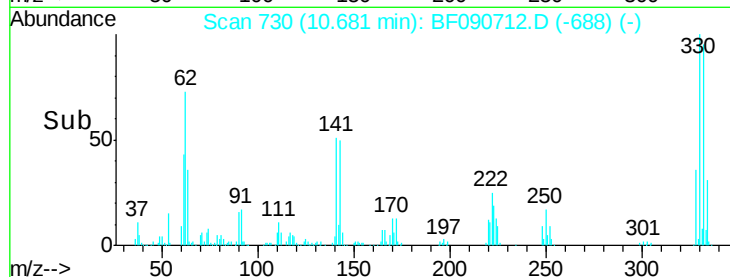
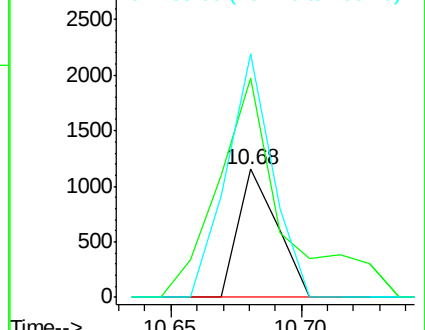
105 189.8 28.5 68.5#



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: 5.09 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090712.D

Acq: 21 Oct 2016 14:36

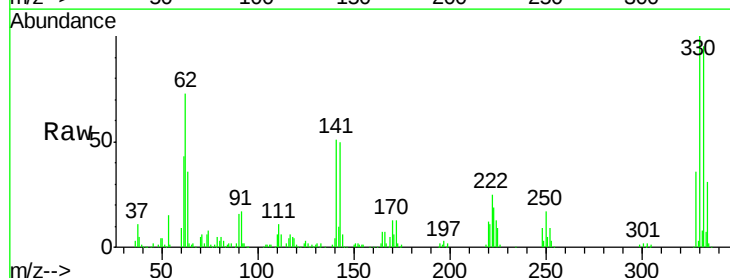
Tgt Ion:248 Resp: 40831

Ion Ratio Lower Upper

248 100

250 203.4 78.5 117.7#

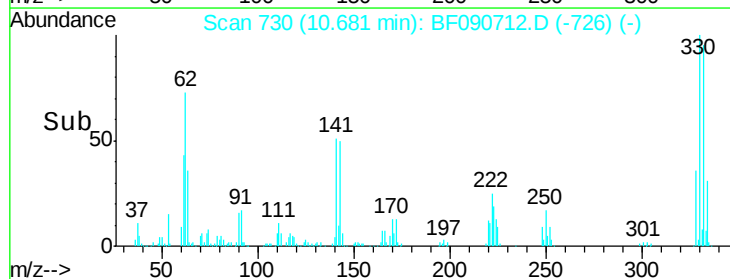
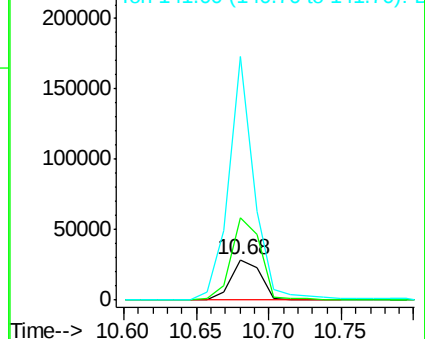
141 600.1 59.0 88.6#

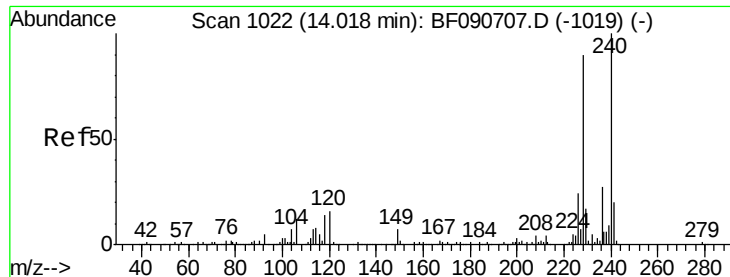


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090712.D

Acq: 21 Oct 2016 14:36

Instrument :

BNA_F

ClientSampleId :

PB94209BL

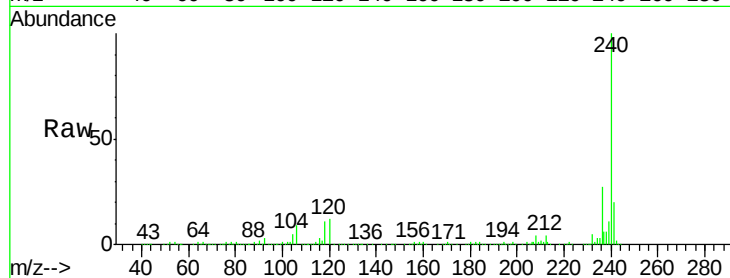
Tgt Ion:240 Resp: 633200

Ion Ratio Lower Upper

240 100

120 12.1 16.2 24.2#

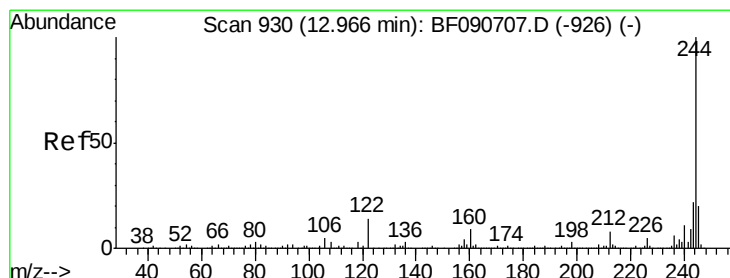
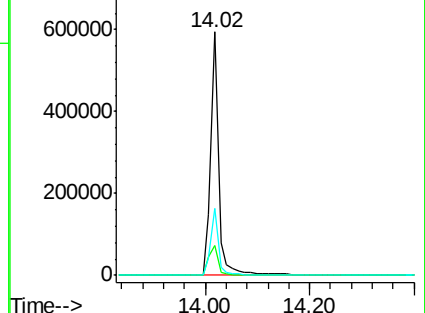
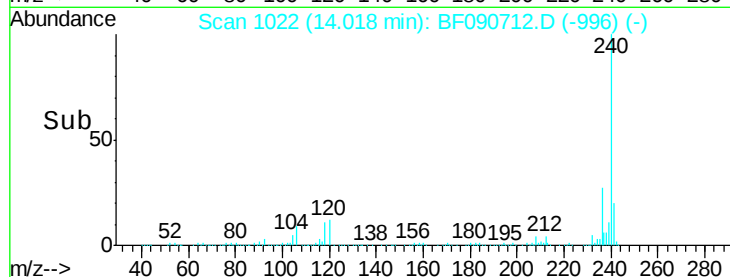
236 27.3 18.4 27.6



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: 94.49 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090712.D

Acq: 21 Oct 2016 14:36

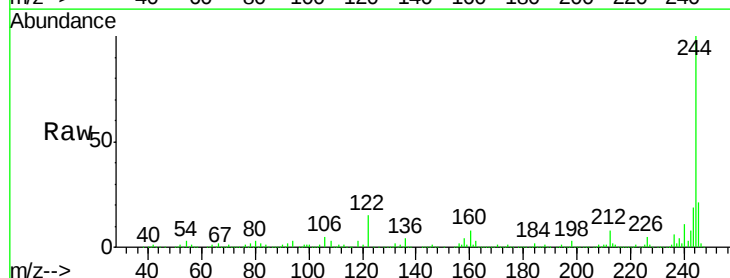
Tgt Ion:244 Resp: 2610606

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

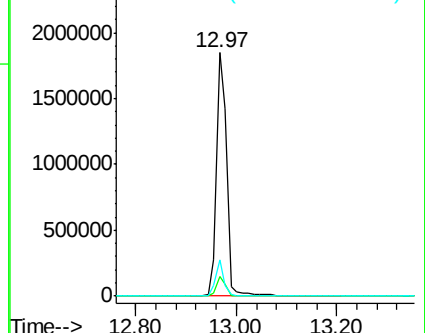
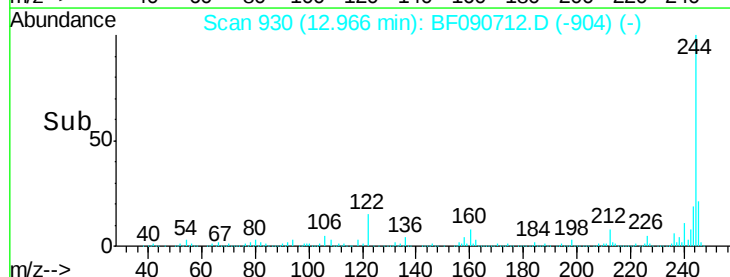
122 15.0 17.4 26.2#

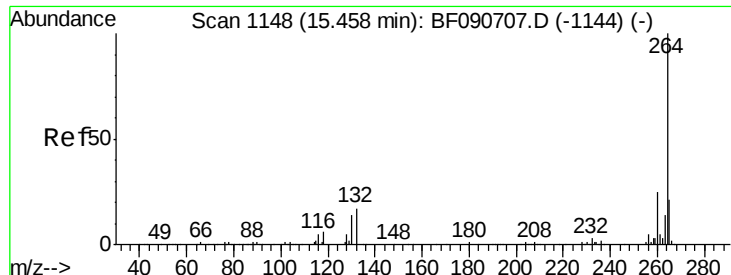


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

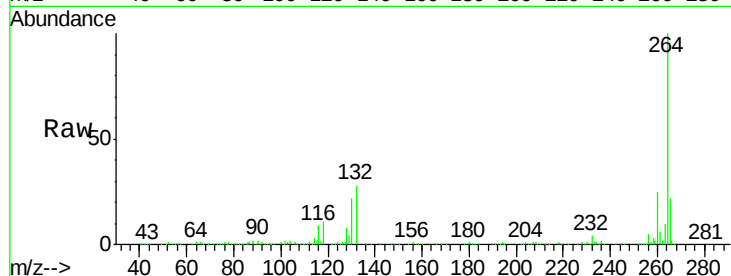




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090712.D
Acq: 21 Oct 2016 14:36

Instrument :
BNA_F
ClientSampleId :
PB94209BL

Tgt Ion: 264 Resp: 458241
Ion Ratio Lower Upper
264 100
260 25.3 16.7 25.1#
265 22.3 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

