

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090719.D
 Acq On : 21 Oct 2016 19:08
 Operator : UM/SJ
 Sample : PB94209BL
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BL

Quant Time: Oct 21 23:24:52 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

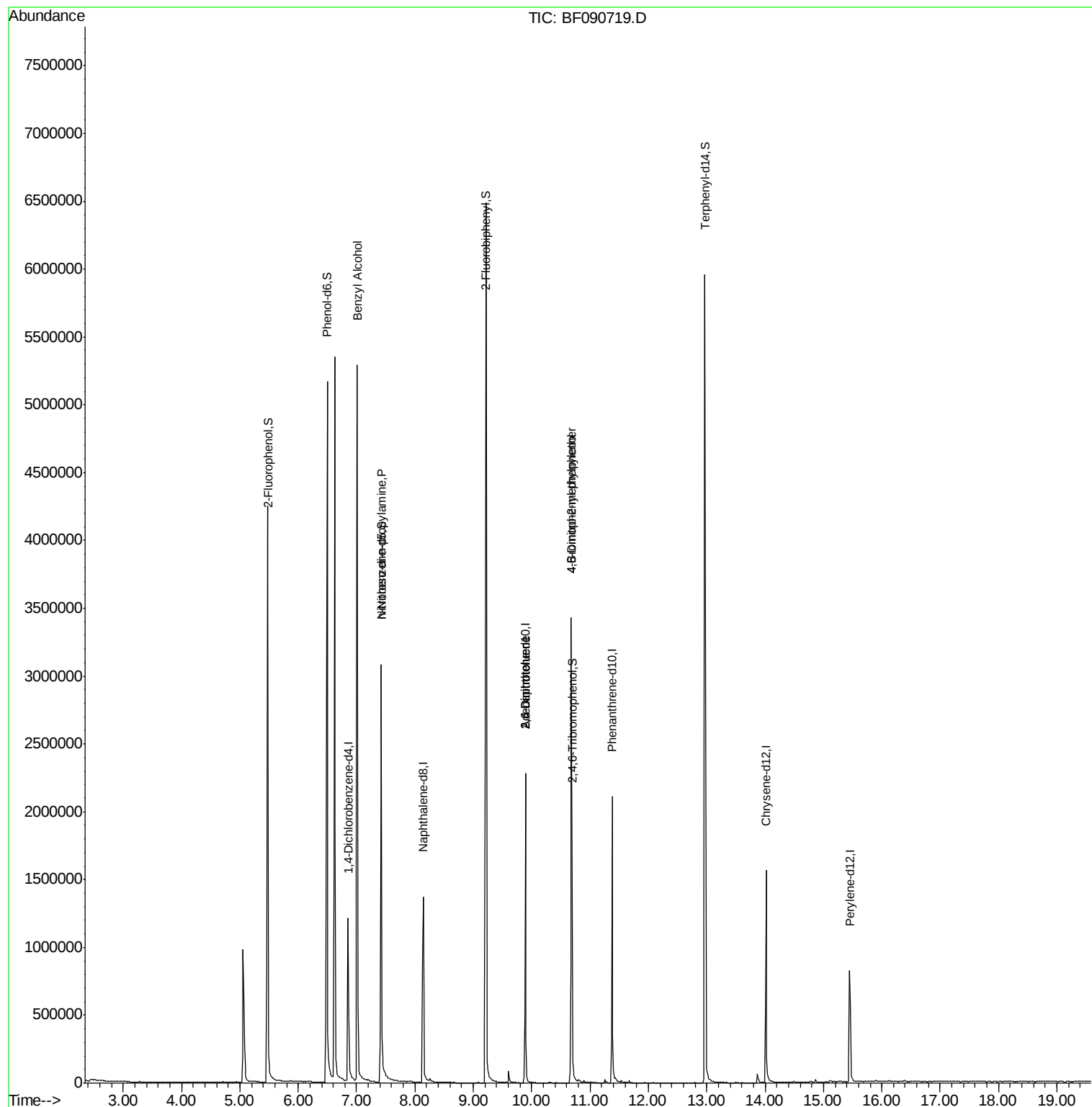
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	222513	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	937644	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	497813	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	806165	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	614493	20.00	ng	0.00
86) Perylene-d12	15.45	264	419750	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1904775	138.06	ng	0.02
7) Phenol-d6	6.50	99	2446110	130.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	1671898	97.80	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	606557	153.94	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2466390	76.91	ng	-0.01
78) Terphenyl-d14	12.97	244	2449664	91.36	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.01	79	27628	2.18	ng	# 31
19) n-Nitroso-di-n-propylamine	7.42	70	223865	16.09	ng	# 51
50) 2,6-Dinitrotoluene	9.89	165	63866	9.49	ng	# 39
56) 2,4-Dinitrotoluene	9.89	165	64395	7.83	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1073	4.37	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	39322	5.03	ng	# 1

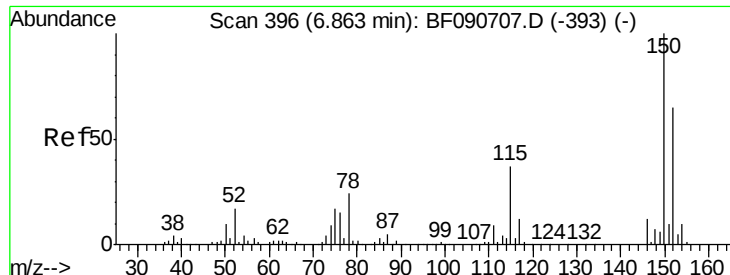
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090719.D

Acq: 21 Oct 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB94209BL

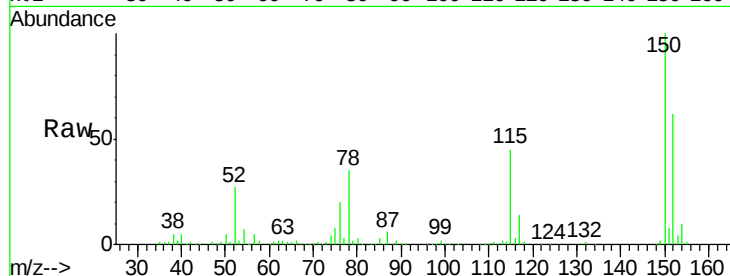
Tgt Ion:152 Resp: 222513

Ion Ratio Lower Upper

152 100

150 160.1 124.7 187.1

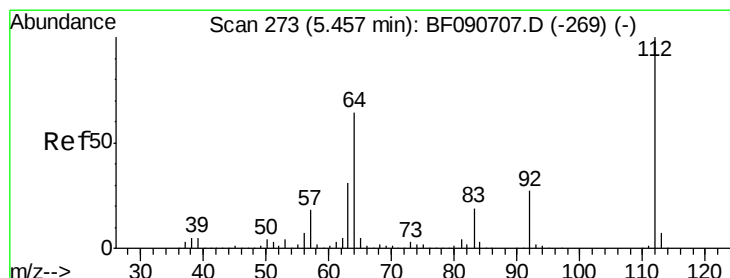
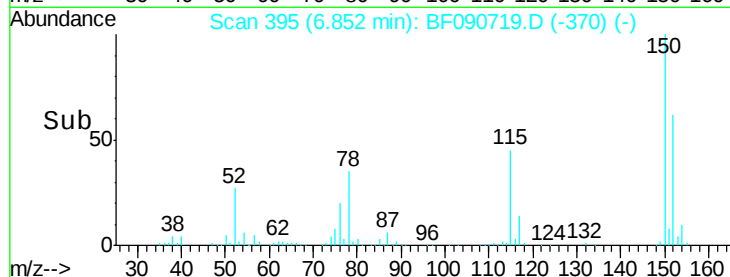
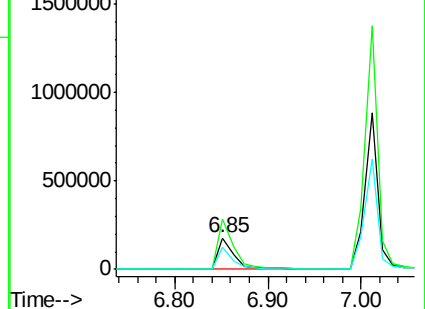
115 72.8 39.0 58.4#



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: 138.06 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090719.D

Acq: 21 Oct 2016 19:08

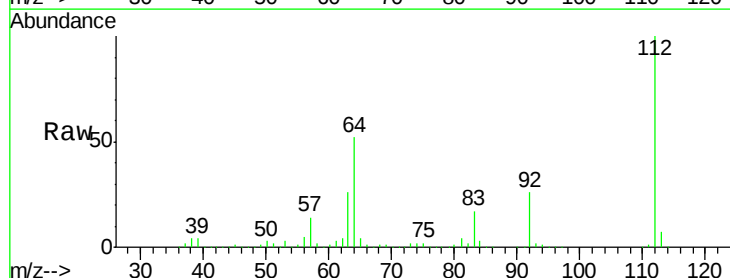
Tgt Ion:112 Resp: 1904775

Ion Ratio Lower Upper

112 100

64 52.5 39.7 59.5

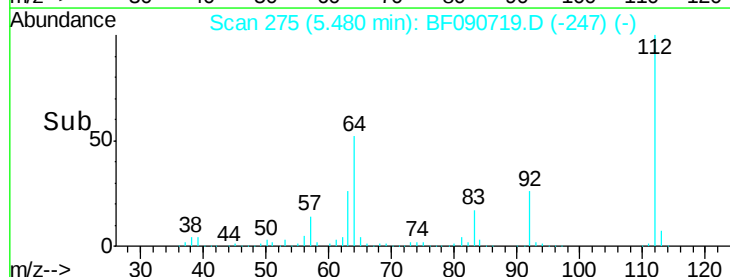
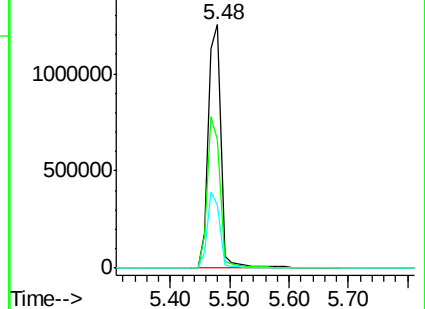
63 25.9 17.4 26.0

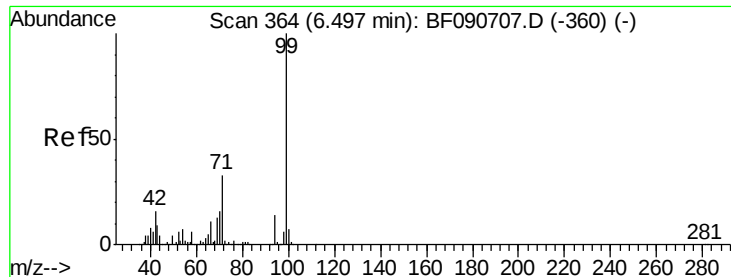


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.89 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090719.D

Acq: 21 Oct 2016 19:08

Instrument :

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ClientSampleId :

PB94209BL

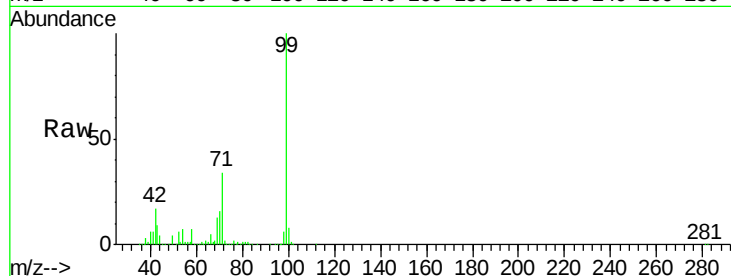
Tgt Ion: 99 Resp: 2446110

Ion Ratio Lower Upper

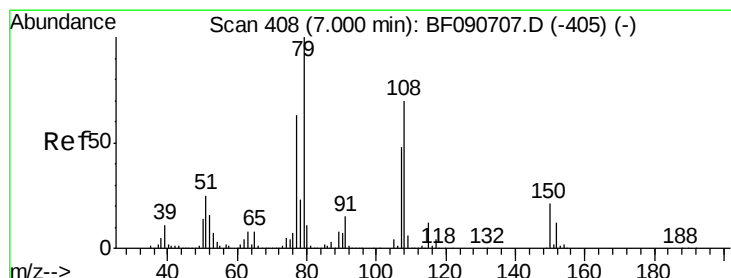
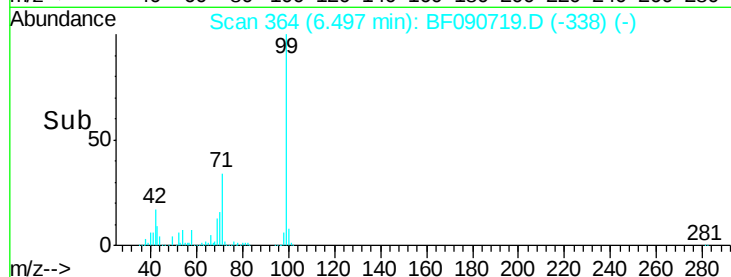
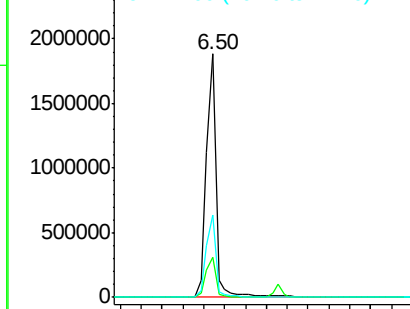
99 100

42 16.5 13.7 20.5

71 34.0 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 7.01 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF090719.D

Acq: 21 Oct 2016 19:08

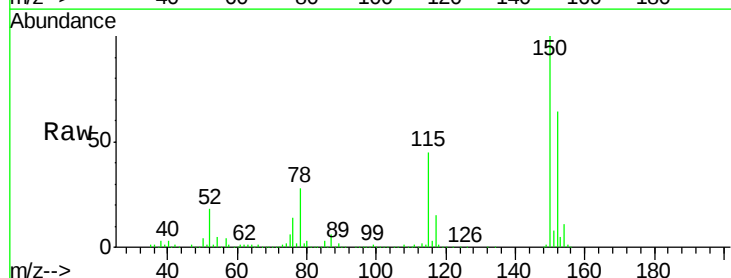
Tgt Ion: 79 Resp: 27628

Ion Ratio Lower Upper

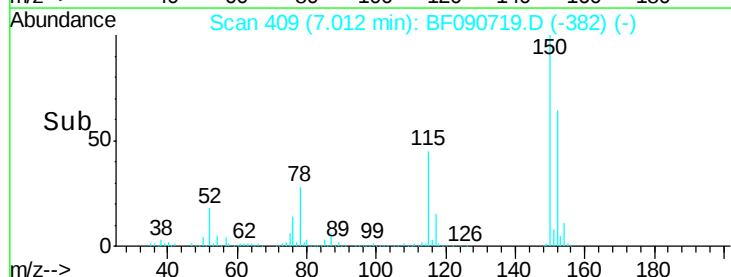
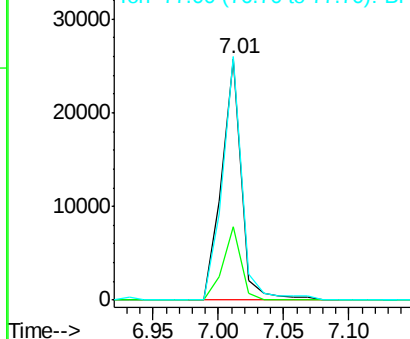
79 100

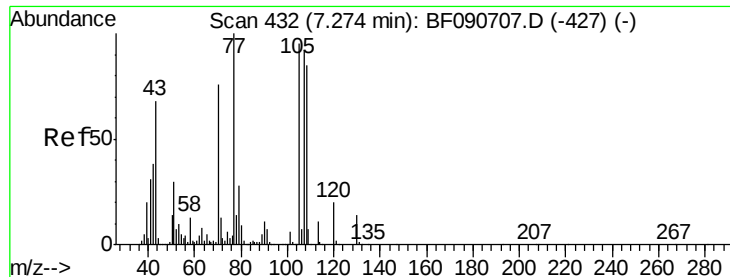
108 30.3 88.6 132.8#

77 100.8 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

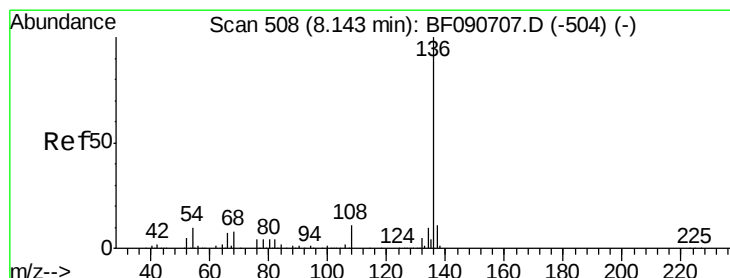
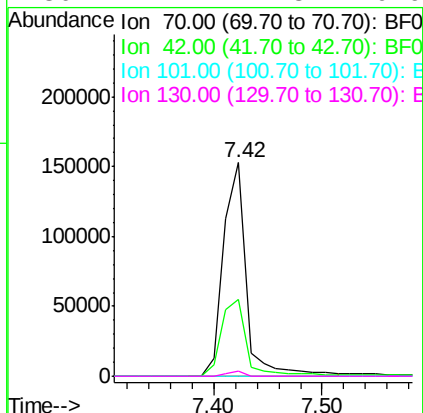
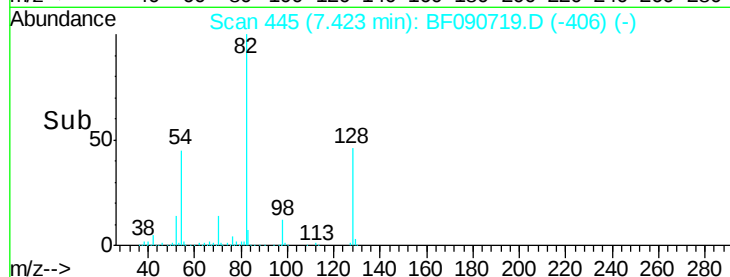
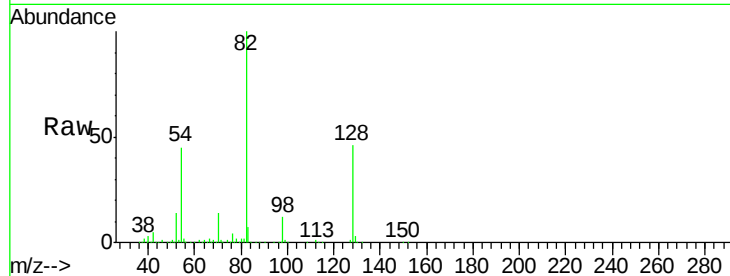




#19
n-Nitroso-di-n-propylamine
Concen: 16.09 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090719.D
Acq: 21 Oct 2016 19:08

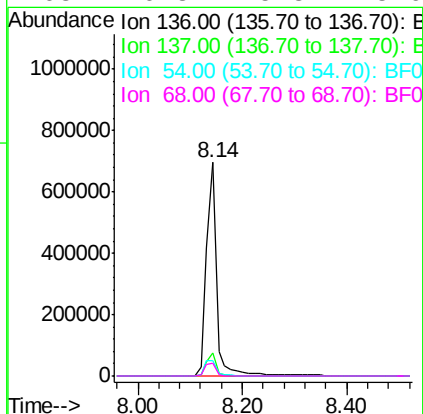
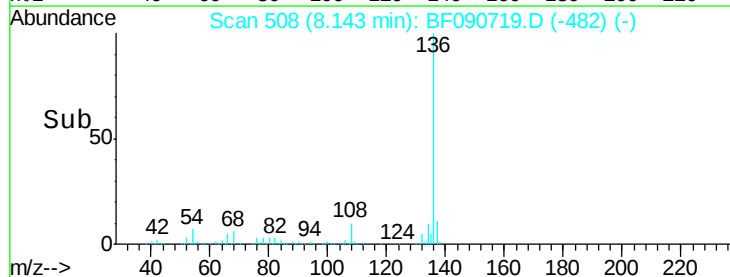
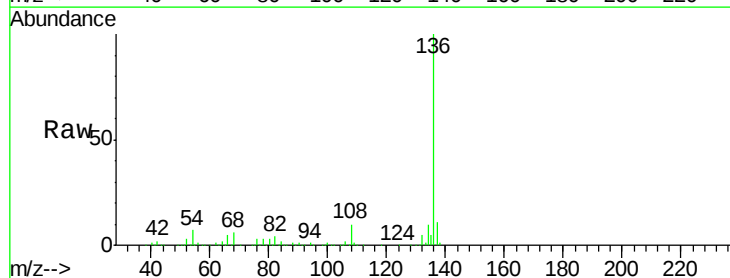
Instrument :
BNA_F
ClientSampleId :
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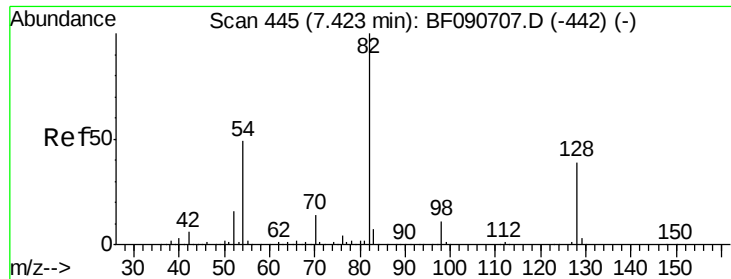
Tgt Ion: 70 Resp: 223865
Ion Ratio Lower Upper
70 100
42 36.2 63.8 95.6#
101 0.0 9.2 13.8#
130 2.1 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090719.D
Acq: 21 Oct 2016 19:08

Tgt Ion: 136 Resp: 937644
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.5 8.2 12.2#
68 6.3 5.8 8.6

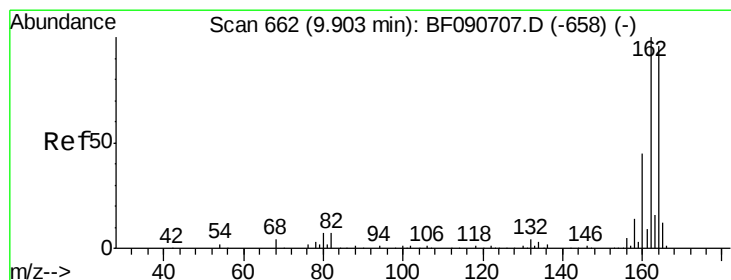
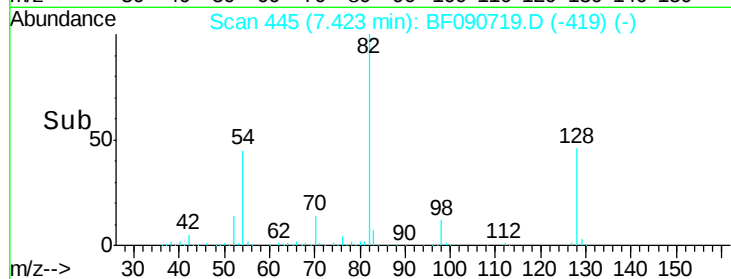
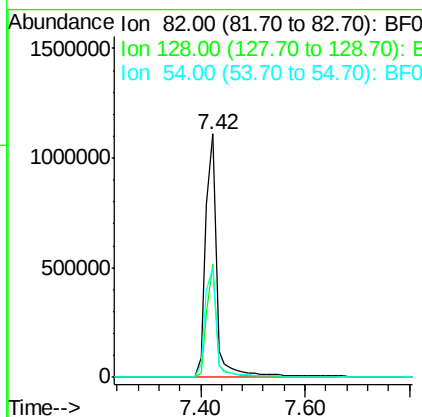
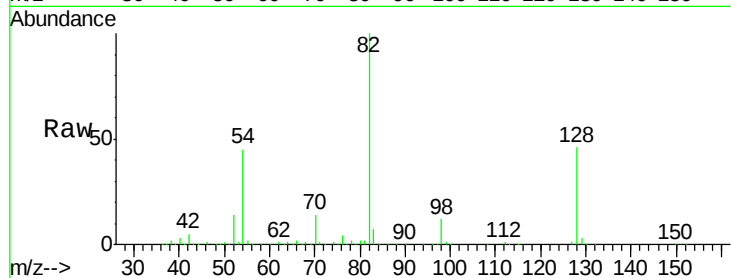




#23
 Nitrobenzene-d5
 Concen: 97.80 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090719.D
 Acq: 21 Oct 2016 19:08

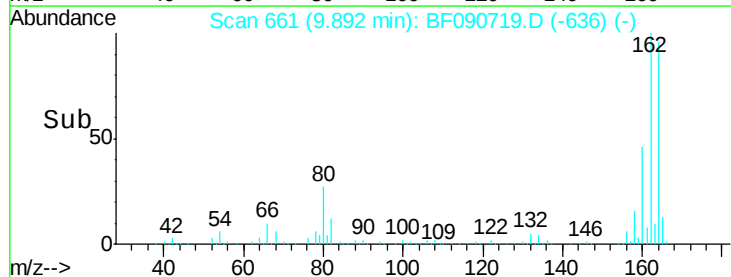
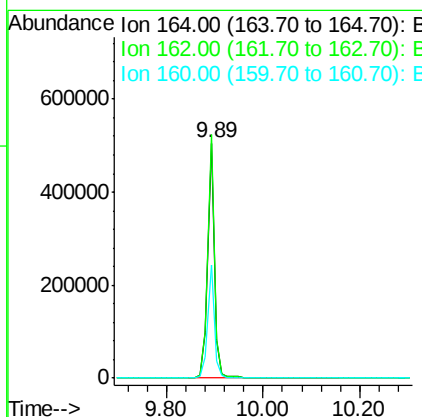
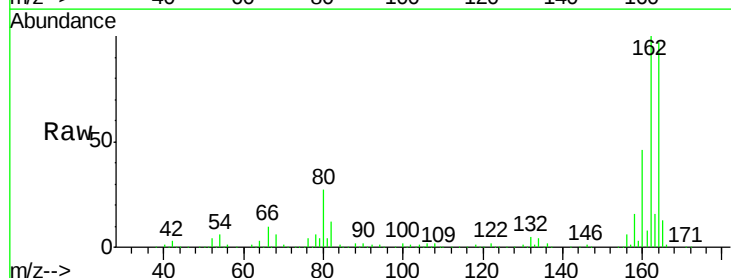
Instrument :
 BNA_F
 ClientSampleID :
 PB94209BL

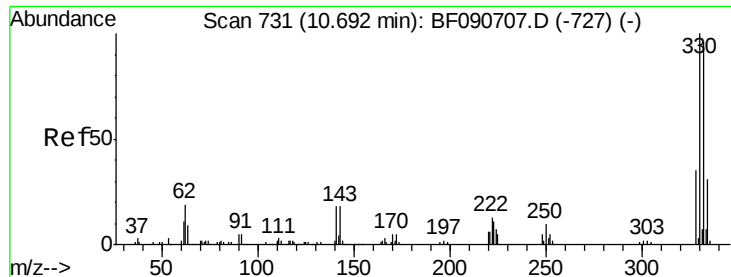
Tgt Ion: 82 Resp: 1671898
 Ion Ratio Lower Upper
 82 100
 128 46.3 51.0 76.6#
 54 44.9 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090719.D
 Acq: 21 Oct 2016 19:08

Tgt Ion: 164 Resp: 497813
 Ion Ratio Lower Upper
 164 100
 162 103.5 75.2 112.8
 160 47.9 31.5 47.3#

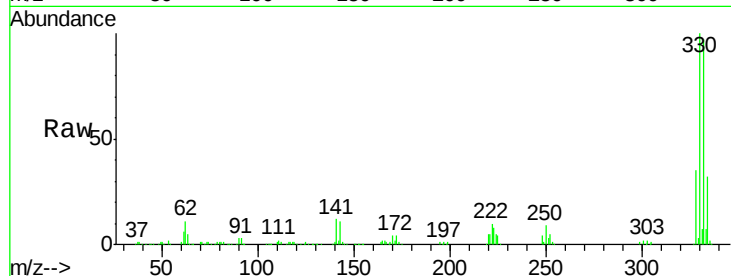




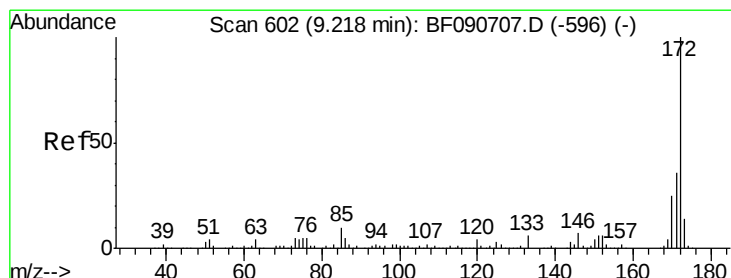
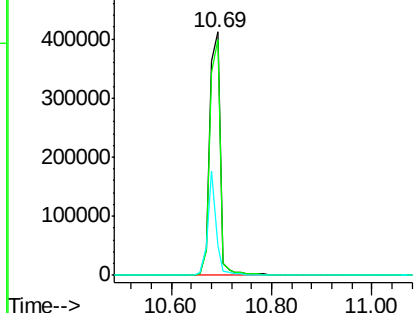
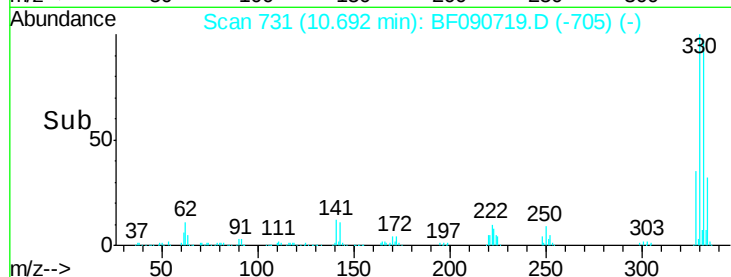
#41
 2,4,6-Tribromophenol
 Concen: 153.94 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090719.D
 Acq: 21 Oct 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BL

Tgt Ion:330 Resp: 606557
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 34.5 29.7 44.5

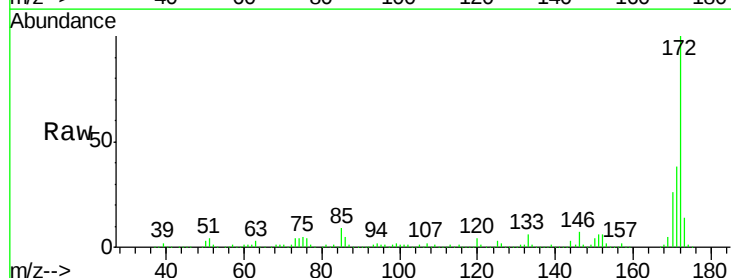


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

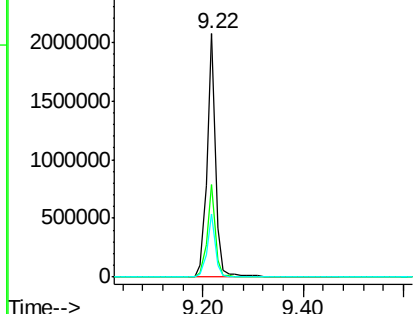
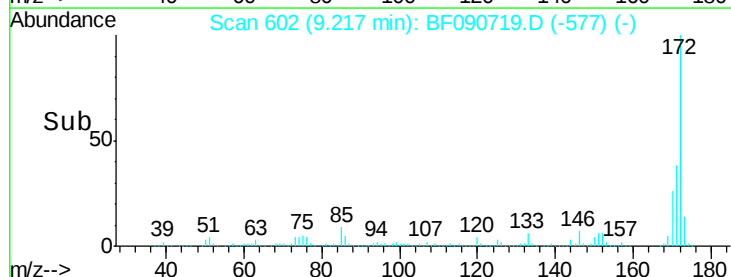


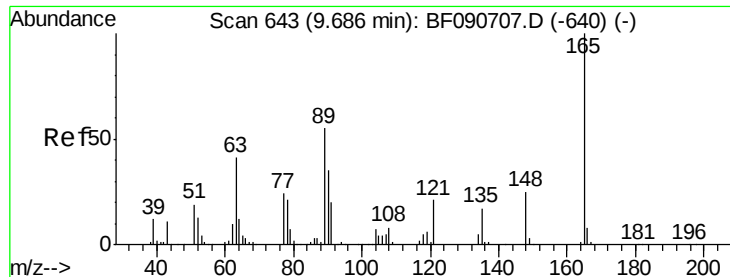
#44
 2-Fluorobiphenyl
 Concen: 76.91 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090719.D
 Acq: 21 Oct 2016 19:08

Tgt Ion:172 Resp: 2466390
 Ion Ratio Lower Upper
 172 100
 171 37.9 26.1 39.1
 170 25.7 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

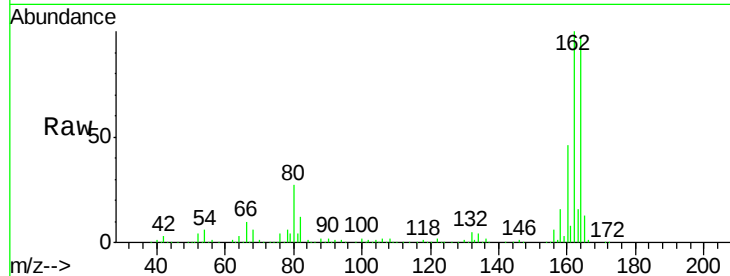




#50
 2,6-Dinitrotoluene
 Concen: 9.49 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090719.D
 Acq: 21 Oct 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BL

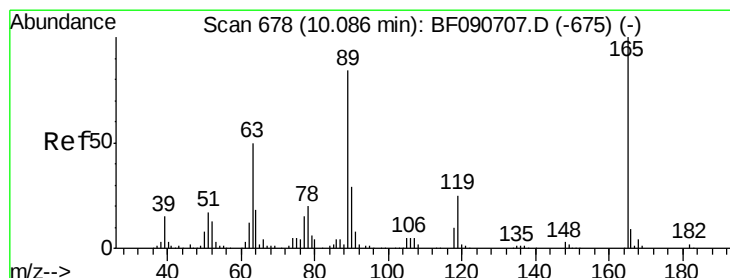
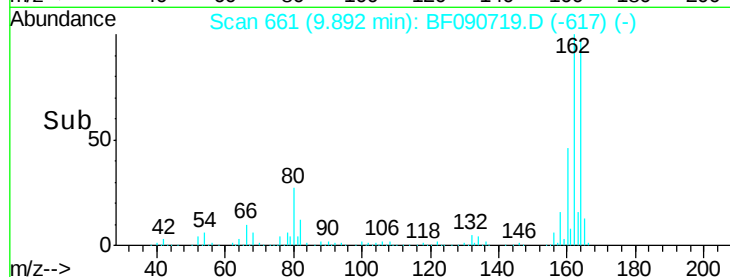
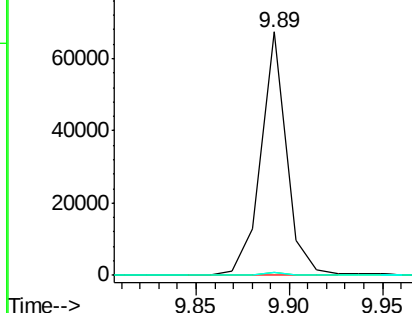
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.3	48.5#
89	1.1	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

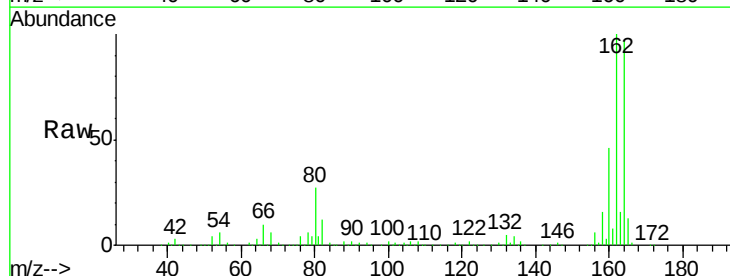
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 7.83 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090719.D
 Acq: 21 Oct 2016 19:08

Tgt 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#

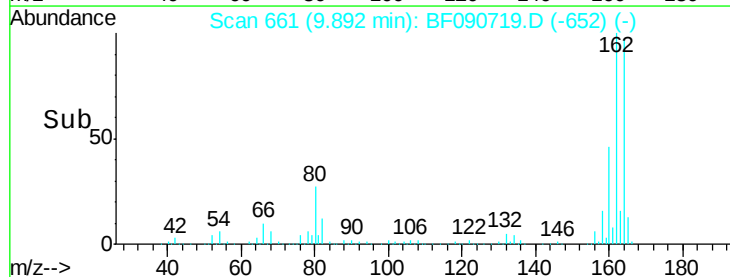
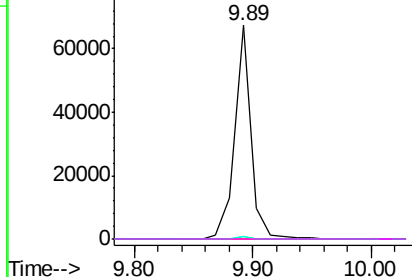


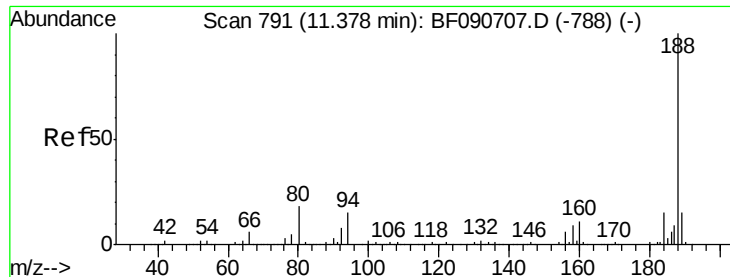
Abundance Ion 165.00 (164.70 to 165.70): E

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

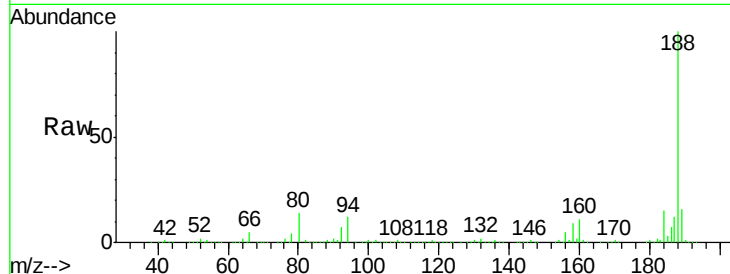




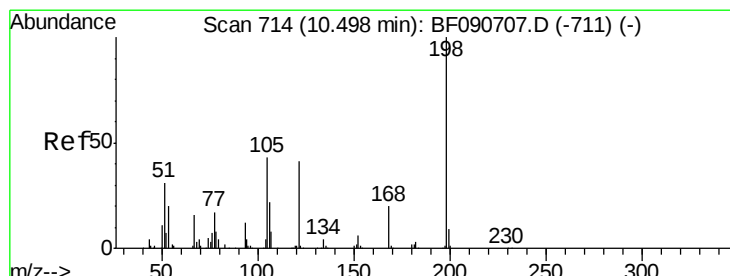
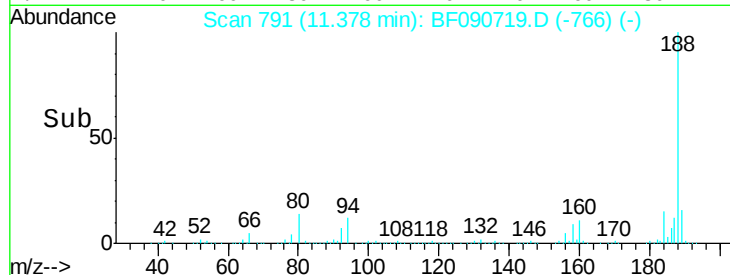
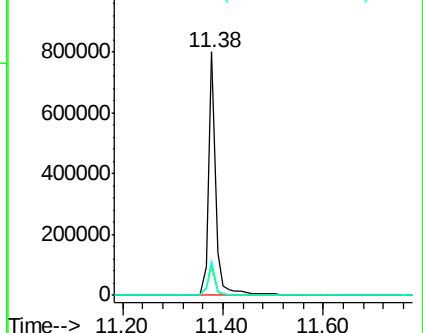
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090719.D
Acq: 21 Oct 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB94209BL

Tgt Ion:188 Resp: 806165
Ion Ratio Lower Upper
188 100
94 12.5 11.1 16.7
80 14.2 11.0 16.4

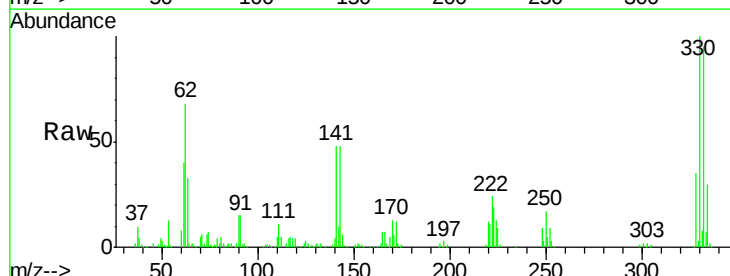


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

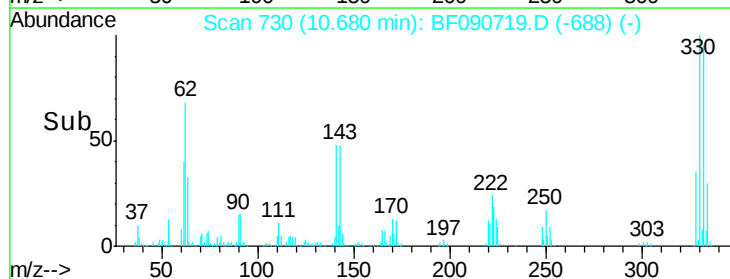
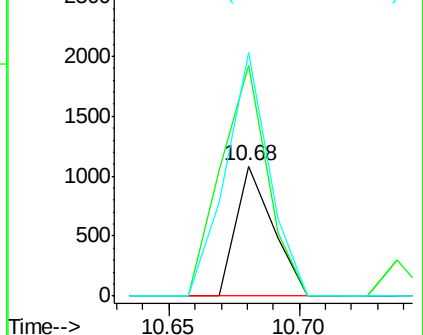


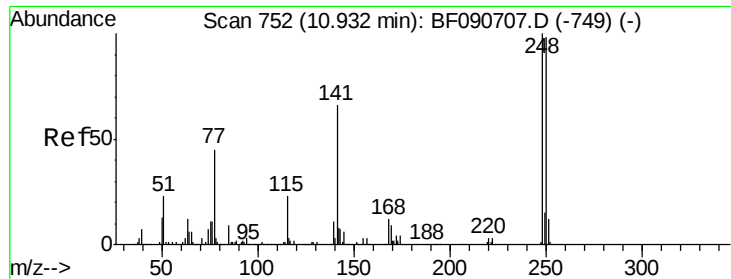
#64
4,6-Dinitro-2-methylphenol
Concen: 4.37 ng
RT: 10.68 min Scan# 730
Delta R.T. 0.18 min
Lab File: BF090719.D
Acq: 21 Oct 2016 19:08

Tgt Ion:198 Resp: 1073
Ion Ratio Lower Upper
198 100
51 178.0 39.6 79.6#
105 187.4 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: 5.03 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090719.D

Acq: 21 Oct 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB94209BL

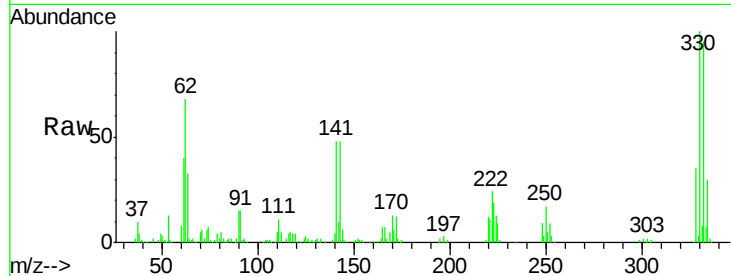
Tgt Ion:248 Resp: 39322

Ion Ratio Lower Upper

248 100

250 199.4 78.5 117.7#

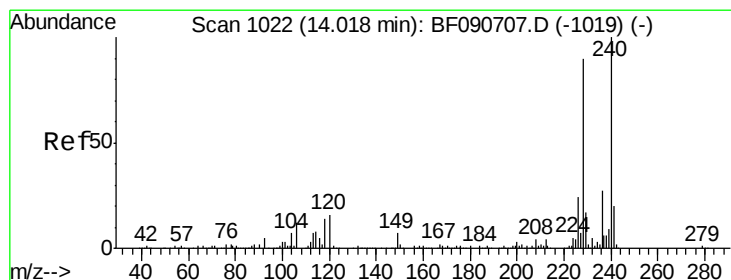
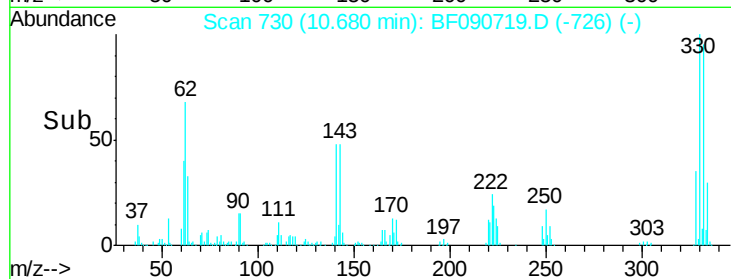
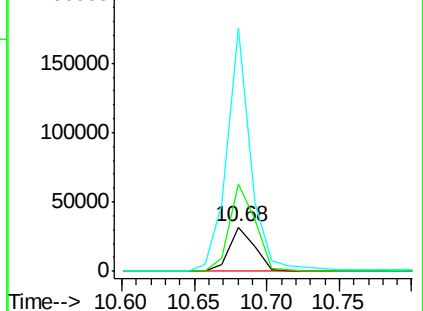
141 551.8 59.0 88.6#



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: BF090719.D

Acq: 21 Oct 2016 19:08

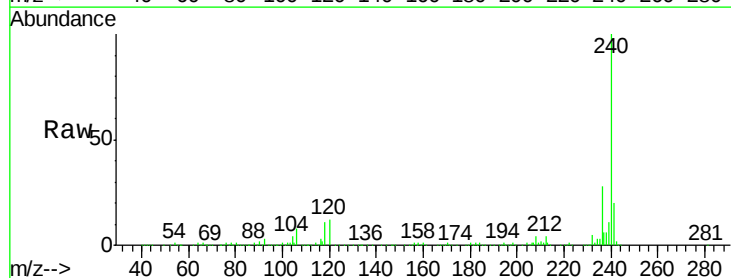
Tgt Ion:240 Resp: 614493

Ion Ratio Lower Upper

240 100

120 12.0 16.2 24.2#

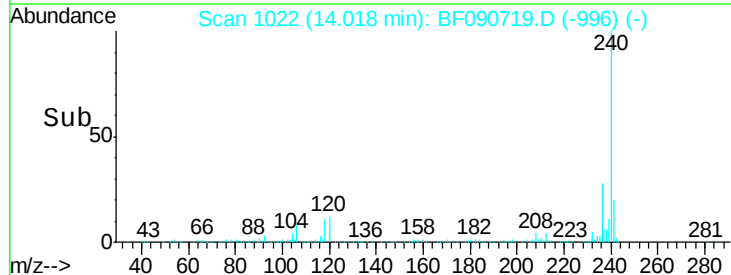
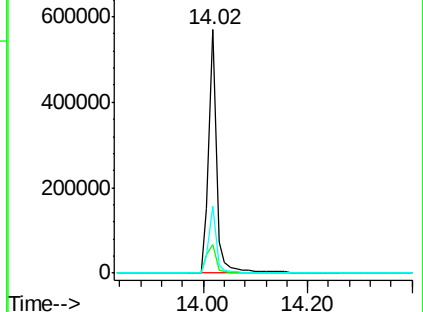
236 27.7 18.4 27.6#

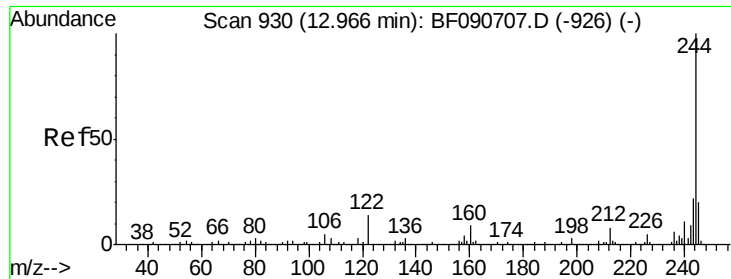


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

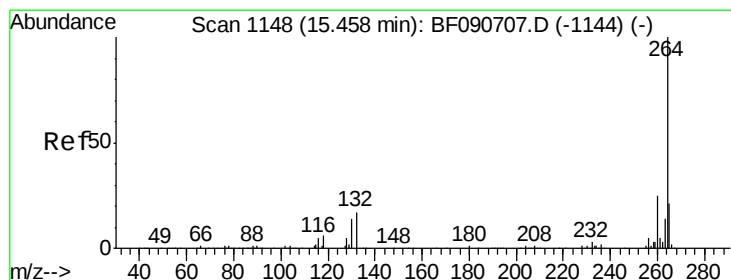
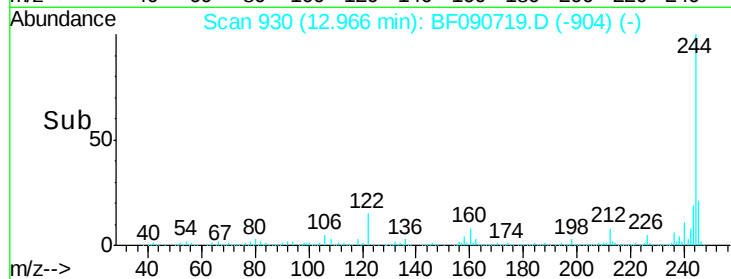
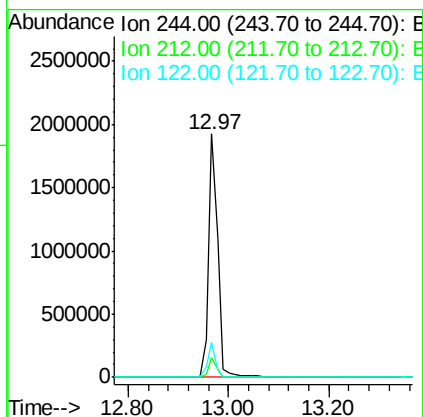
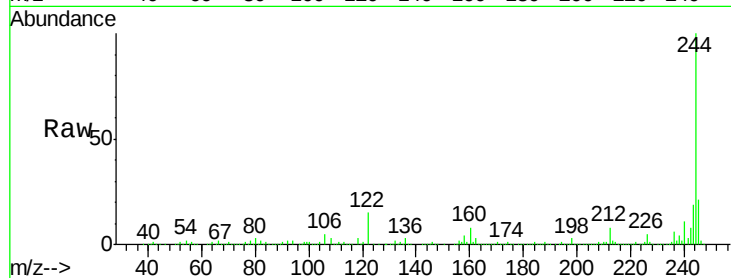




#78
 Terphenyl-d14
 Concen: 91.36 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090719.D
 Acq: 21 Oct 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB94209BL

Tgt Ion:244 Resp: 2449664
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 14.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090719.D
 Acq: 21 Oct 2016 19:08

Tgt Ion:264 Resp: 419750
 Ion Ratio Lower Upper
 264 100
 260 25.2 16.7 25.1#
 265 21.8 17.2 25.8

