

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090790.D
 Acq On : 24 Oct 2016 16:32
 Operator : UM/SJ
 Sample : PB94262BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BL

Quant Time: Oct 24 17:03:57 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

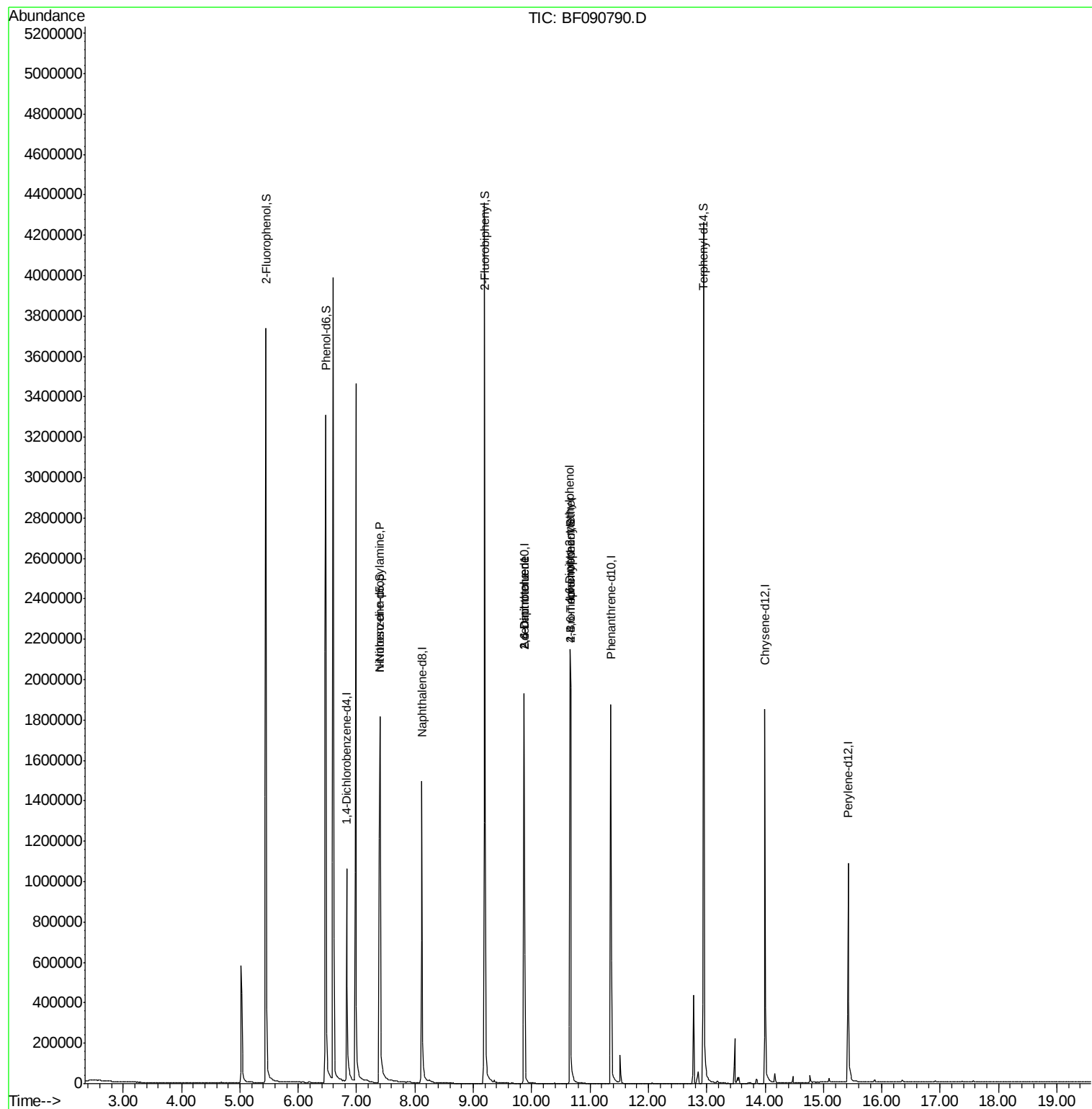
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	223340	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	950073	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	487891	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	824052	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	679531	20.00	ng	-0.02
86) Perylene-d12	15.42	264	492747	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1243433	89.79	ng	-0.01
7) Phenol-d6	6.47	99	1739777	92.75	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1010414	58.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	496296	128.52	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1816636	57.80	ng	-0.03
78) Terphenyl-d14	12.94	244	2020452	68.14	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	123837	8.87	ng	# 49
50) 2,6-Dinitrotoluene	9.87	165	62400	9.46	ng	# 38
56) 2,4-Dinitrotoluene	9.87	165	63251	7.85	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.66	198	907	4.33	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	29809	3.73	ng	# 1

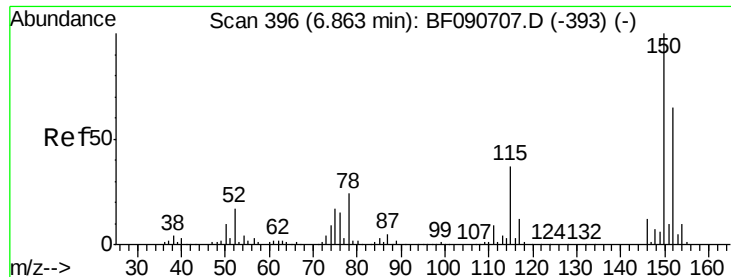
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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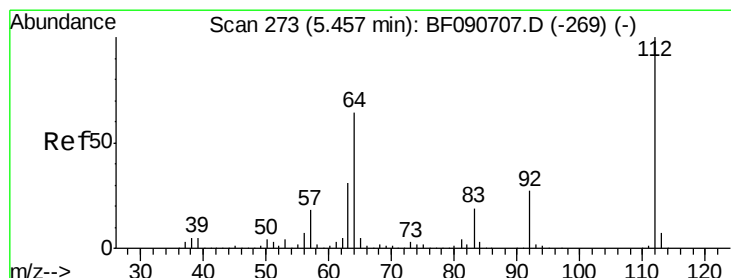
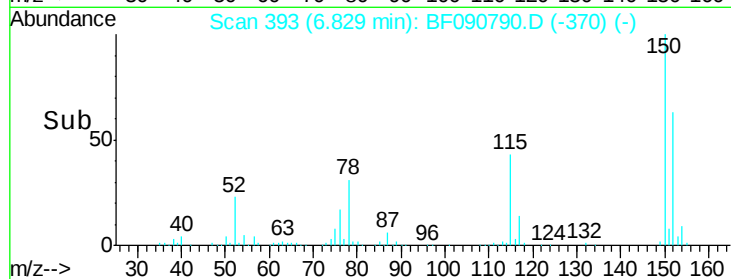
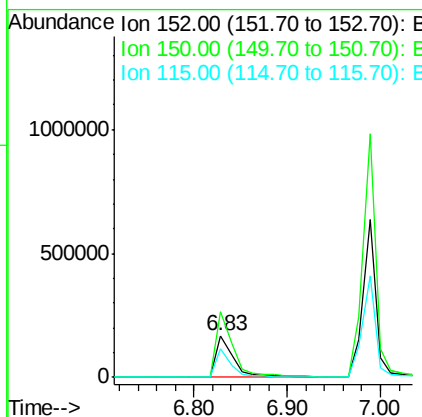
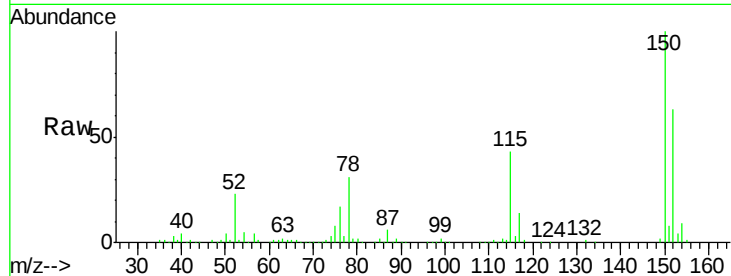


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 393
Delta R.T. -0.03 min
Lab File: BF090790.D
Acq: 24 Oct 2016 16:32

Instrument :
BNA_F
ClientSampleId :
PB94262BL

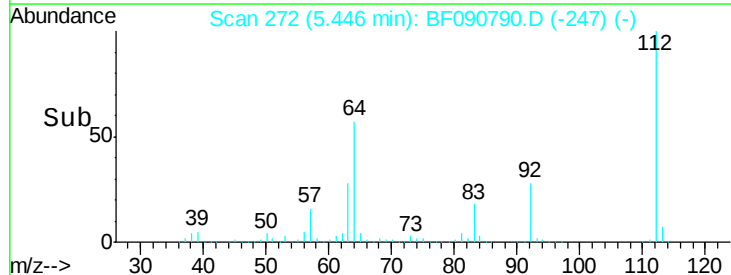
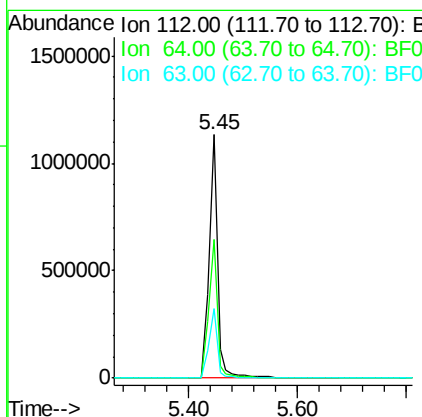
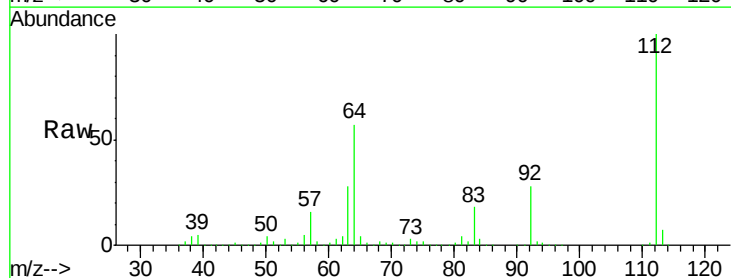
Tot Ion:152 Resp: 223340
Ion Ratio Lower Upper
152 100
150 159.2 124.7 187.1
115 68.9 39.0 58.4#

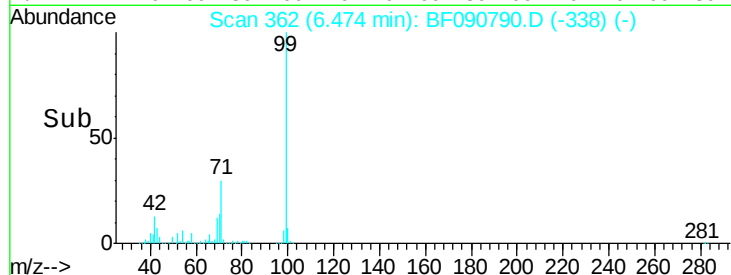
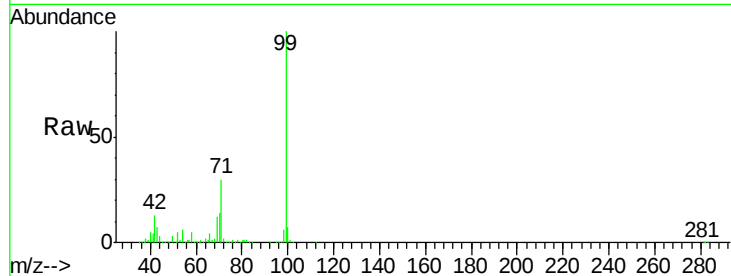
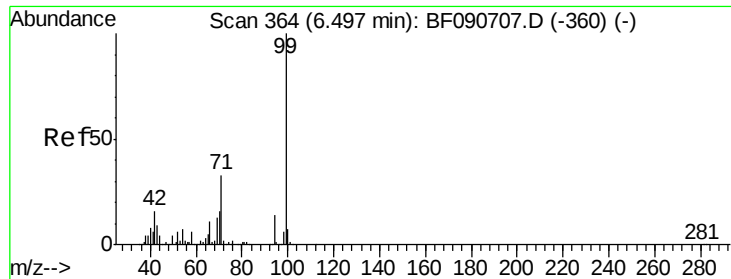


#5

2-Fluorophenol
Concen: 89.79 ng
RT: 5.45 min Scan# 272
Delta R.T. -0.01 min
Lab File: BF090790.D
Acq: 24 Oct 2016 16:32

Tgt Ion:112 Resp: 1243433
Ion Ratio Lower Upper
112 100
64 57.2 39.7 59.5
63 28.3 17.4 26.0#





#7

Phenol-d6

Concen: 92.75 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090790.D

Acq: 24 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

PB94262BL

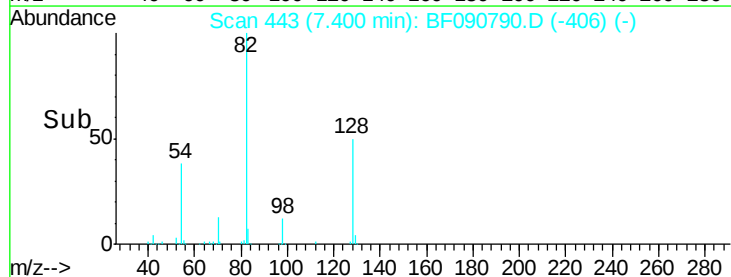
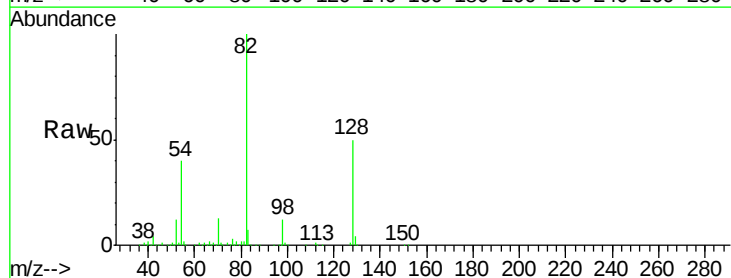
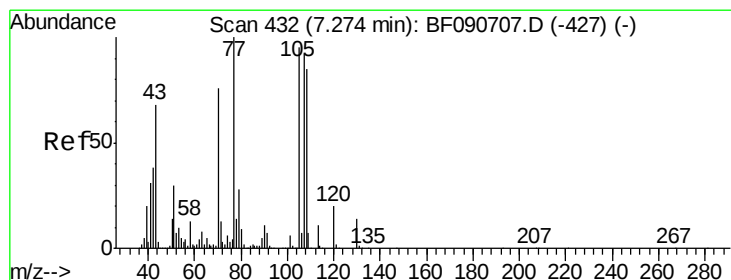
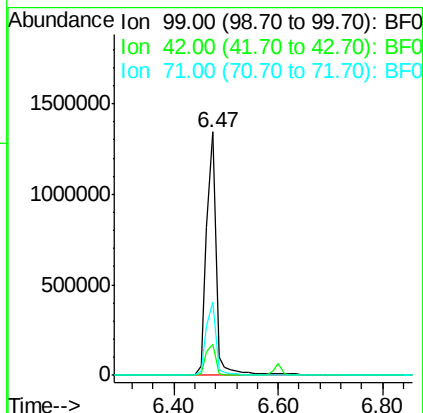
Tot Ion: 99 Resp: 1739777

Ion Ratio Lower Upper

99 100

42 12.6 13.7 20.5#

71 29.9 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 8.87 ng

RT: 7.40 min Scan# 443

Delta R.T. 0.13 min

Lab File: BF090790.D

Acq: 24 Oct 2016 16:32

Tgt Ion: 70 Resp: 123837

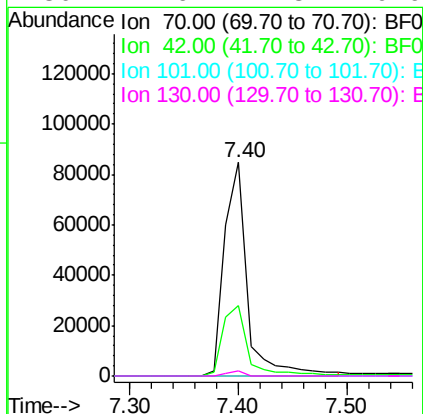
Ion Ratio Lower Upper

70 100

42 33.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.6 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090790.D

Acq: 24 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

PB94262BL

Tot Ion:136 Resp: 950073

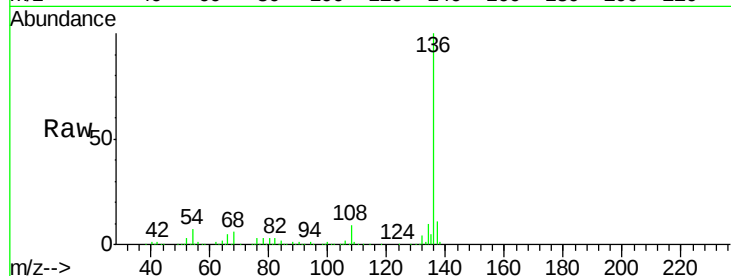
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.0 8.2 12.2#

68 6.2 5.8 8.6

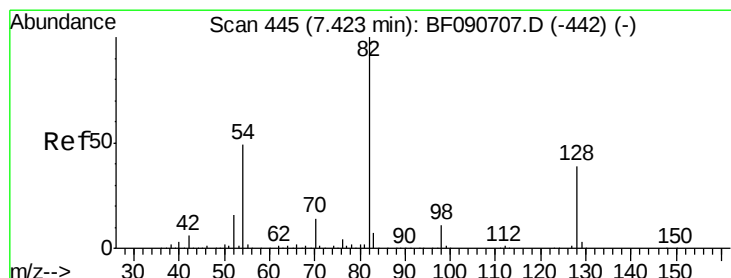
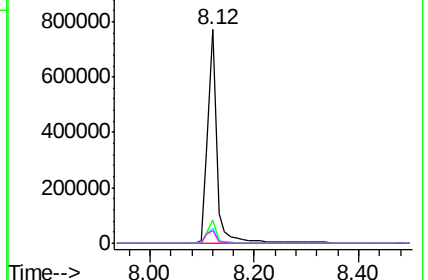
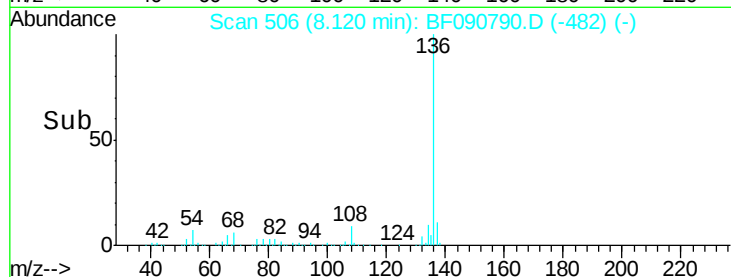


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.33 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF090790.D

Acq: 24 Oct 2016 16:32

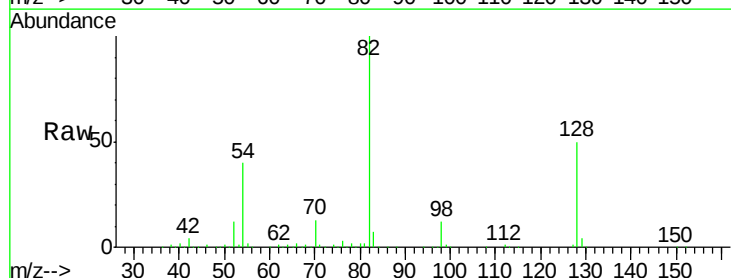
Tgt Ion: 82 Resp: 1010414

Ion Ratio Lower Upper

82 100

128 50.4 51.0 76.6#

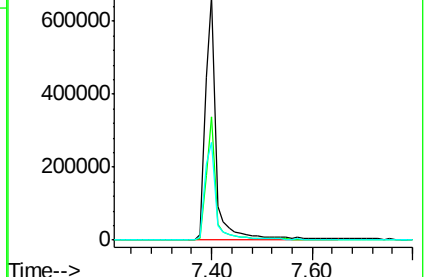
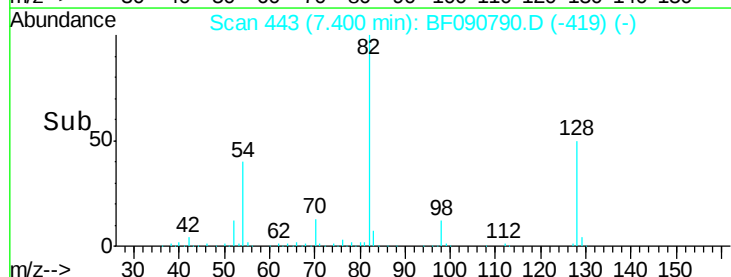
54 40.1 47.5 71.3#

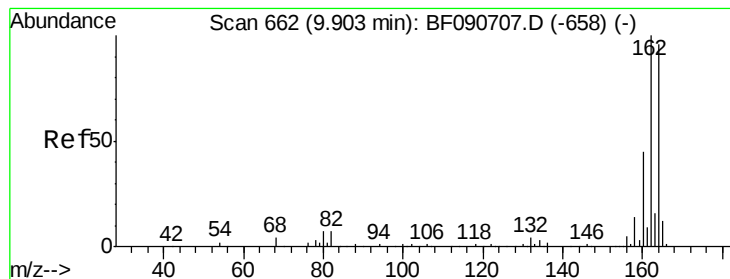


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.87 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF090790.D

Acq: 24 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

PB94262BL

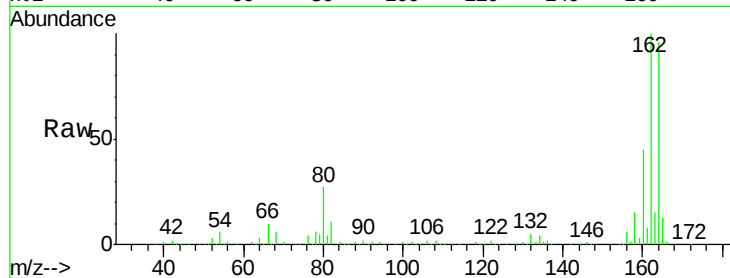
Tot Ion:164 Resp: 487891

Ion Ratio Lower Upper

164 100

162 103.8 75.2 112.8

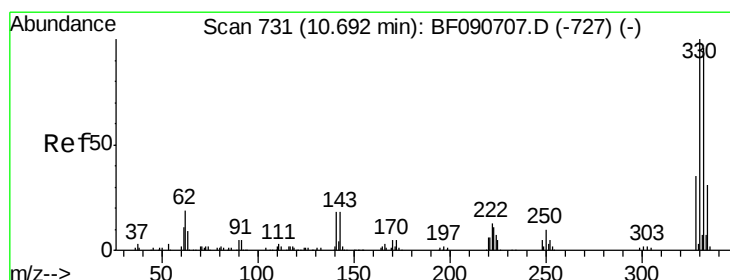
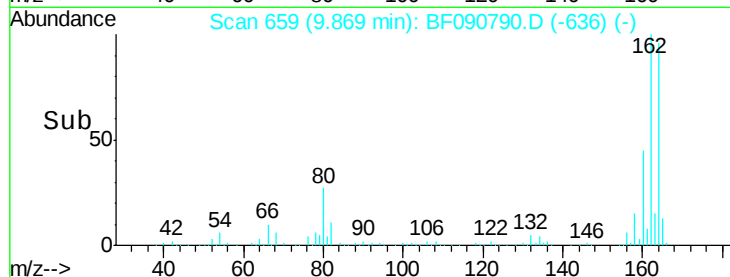
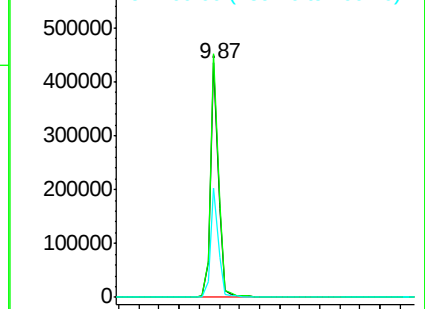
160 46.3 31.5 47.3



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: 128.52 ng

RT: 10.67 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF090790.D

Acq: 24 Oct 2016 16:32

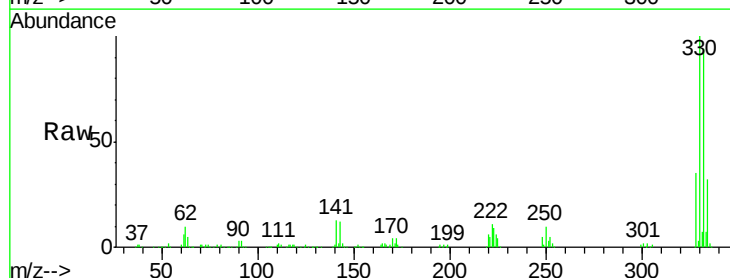
Tgt Ion:330 Resp: 496296

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

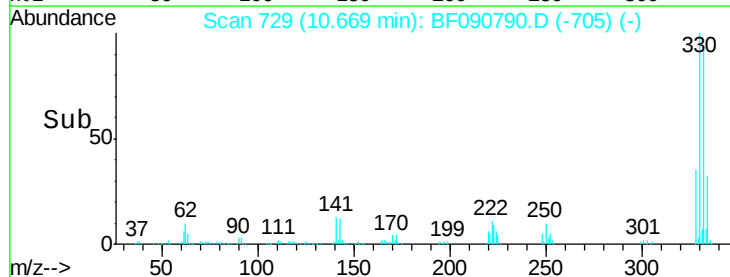
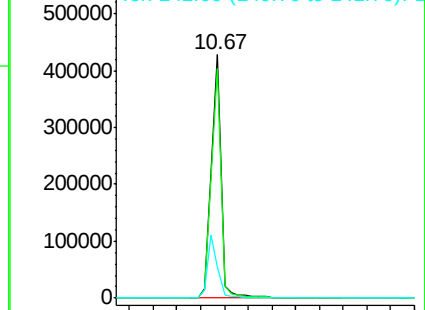
141 27.9 29.7 44.5#

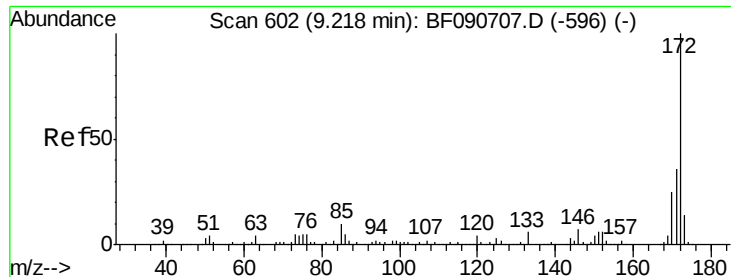


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

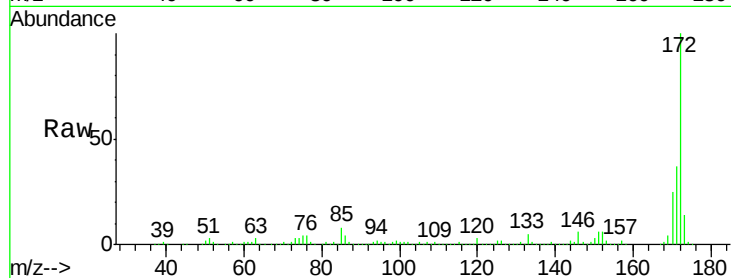




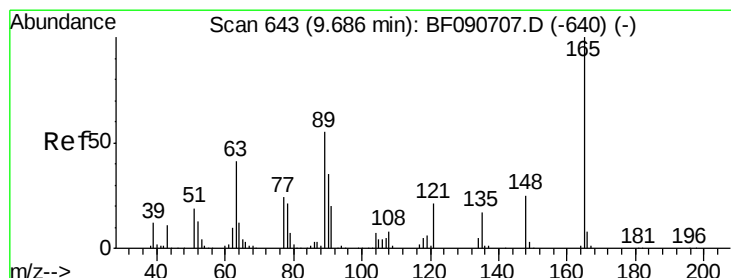
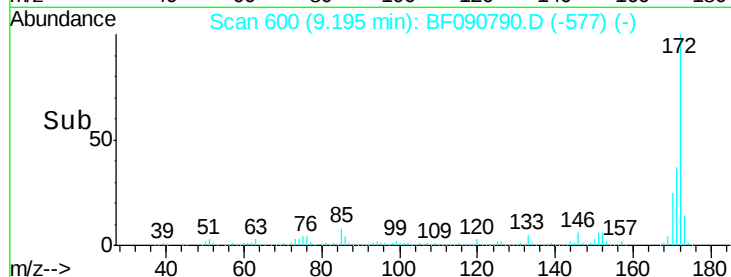
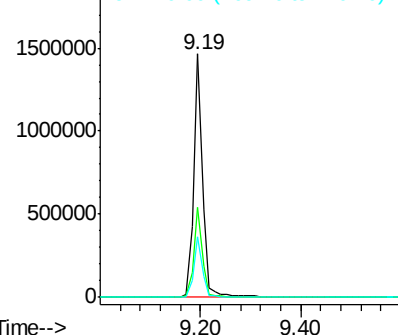
#44
2-Fluorobiphenyl
Concen: 57.80 ng
RT: 9.19 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF090790.D
Acq: 24 Oct 2016 16:32

Instrument :
BNA_F
ClientSampleId :
PB94262BL

Tot Ion:172 Resp: 1816636
Ion Ratio Lower Upper
172 100
171 37.2 26.1 39.1
170 25.0 17.4 26.2

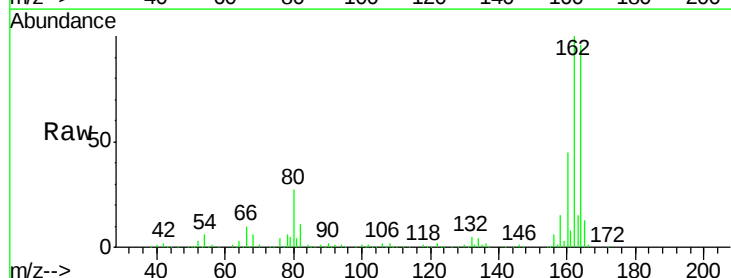


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

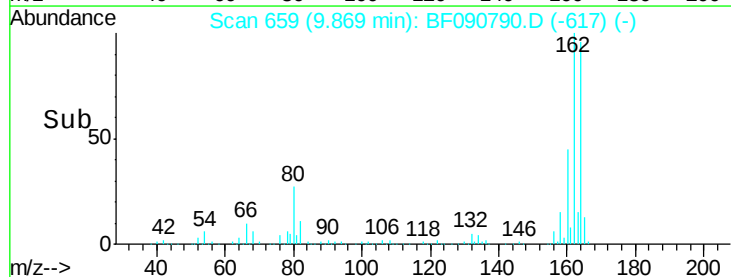
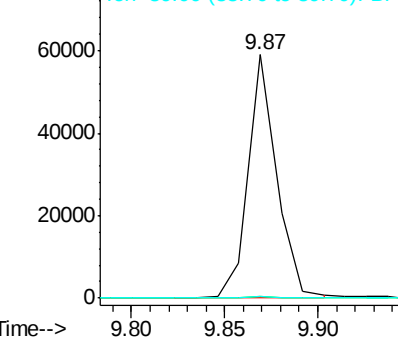


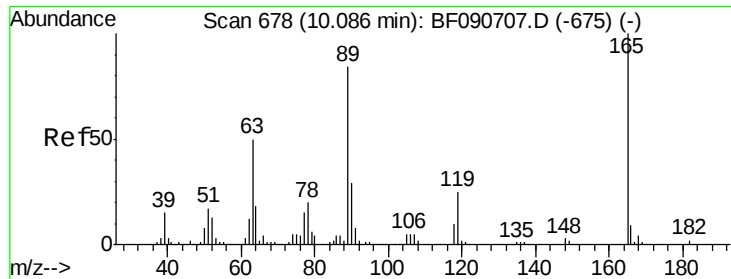
#50
2,6-Dinitrotoluene
Concen: 9.46 ng
RT: 9.87 min Scan# 659
Delta R.T. 0.18 min
Lab File: BF090790.D
Acq: 24 Oct 2016 16:32

Tgt Ion:165 Resp: 62400
Ion Ratio Lower Upper
165 100
63 0.9 32.3 48.5#
89 1.0 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

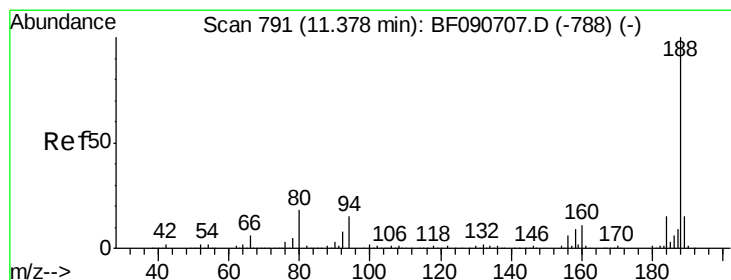
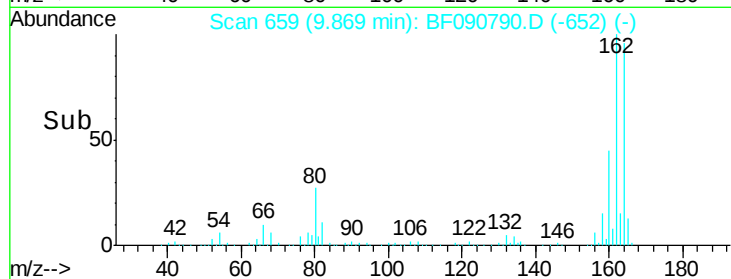
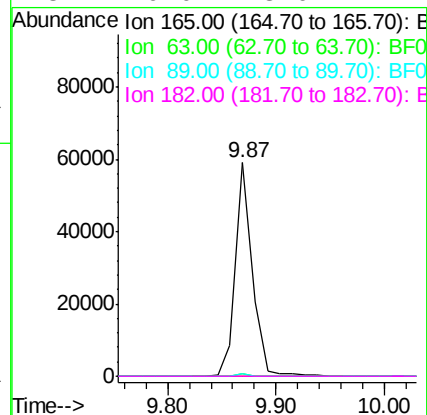
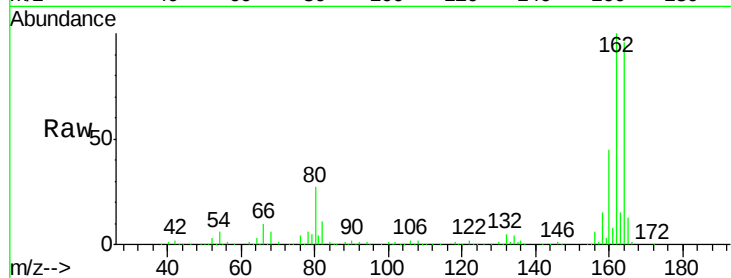




#56
 2,4-Dinitrotoluene
 Concen: 7.85 ng
 RT: 9.87 min Scan# 659
 Delta R.T. -0.22 min
 Lab File: BF090790.D
 Acq: 24 Oct 2016 16:32

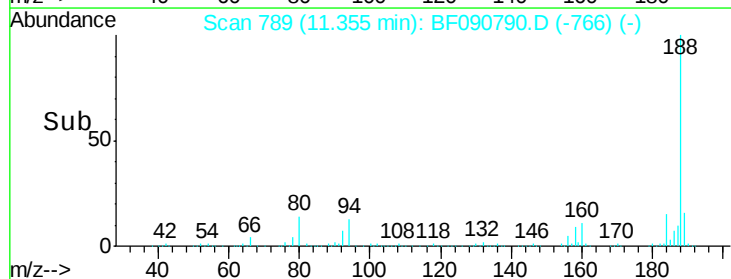
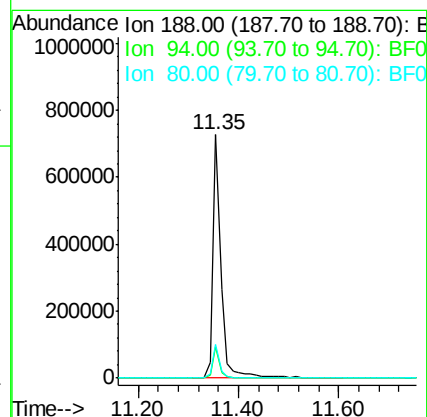
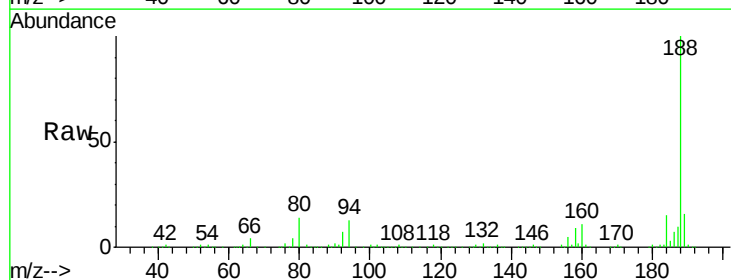
Instrument :
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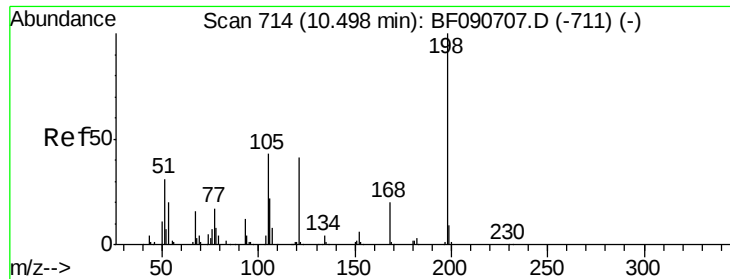
Tot Ion:165	Resp:	63251
Ion Ratio	Lower	Upper
165	100	
63	0.9	29.8 44.6#
89	1.0	44.5 66.7#
182	0.0	3.0 4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF090790.D
 Acq: 24 Oct 2016 16:32

Tgt Ion:188	Resp:	824052
Ion Ratio	Lower	Upper
188	100	
94	12.8	11.1 16.7
80	14.0	11.0 16.4





#64

4,6-Dinitro-2-methylphenol

Concen: 4.33 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.16 min

Lab File: BF090790.D

Acq: 24 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

PB94262BL

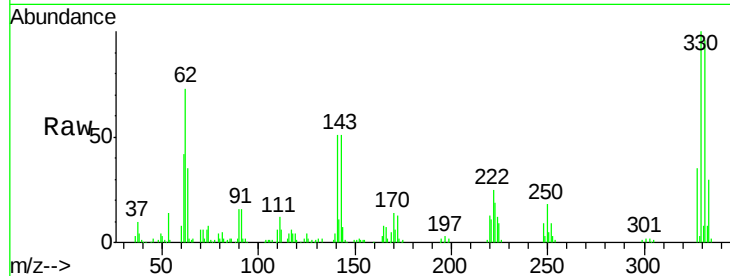
Tot Ion:198 Resp: 907

Ion Ratio Lower Upper

198 100

51 188.5 39.6 79.6#

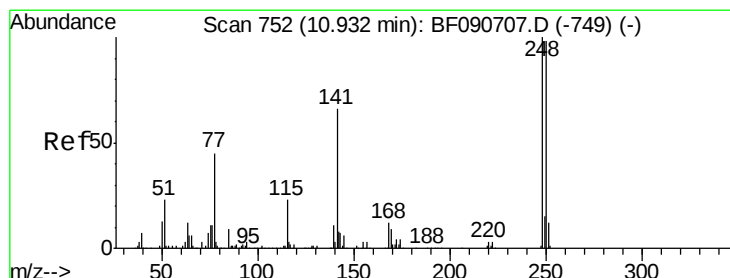
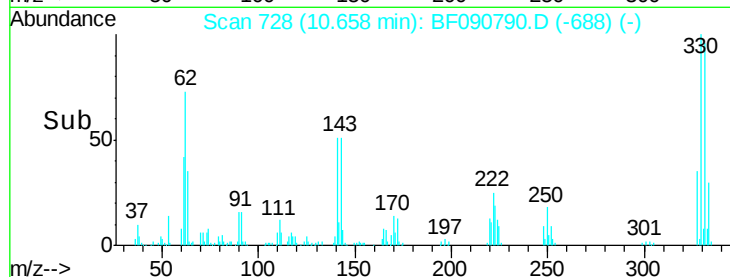
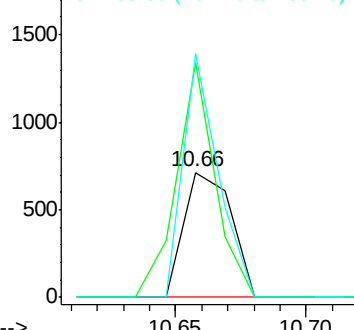
105 195.4 28.5 68.5#



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: 3.73 ng

RT: 10.67 min Scan# 729

Delta R.T. -0.26 min

Lab File: BF090790.D

Acq: 24 Oct 2016 16:32

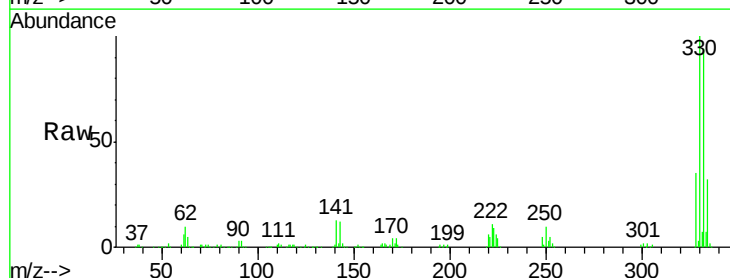
Tgt Ion:248 Resp: 29809

Ion Ratio Lower Upper

248 100

250 201.0 78.5 117.7#

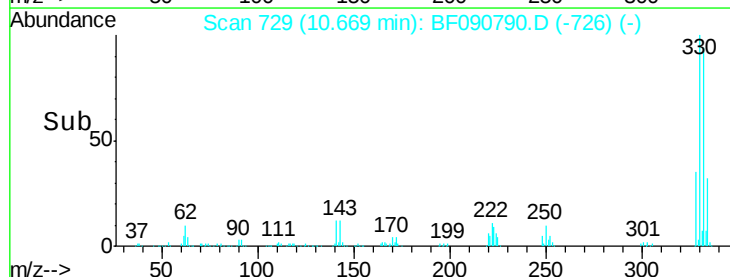
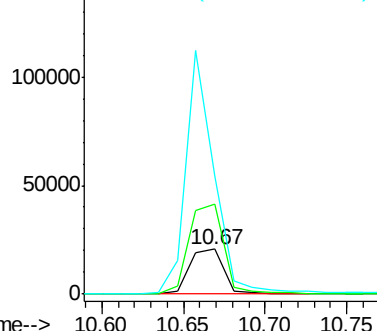
141 263.8 59.0 88.6#

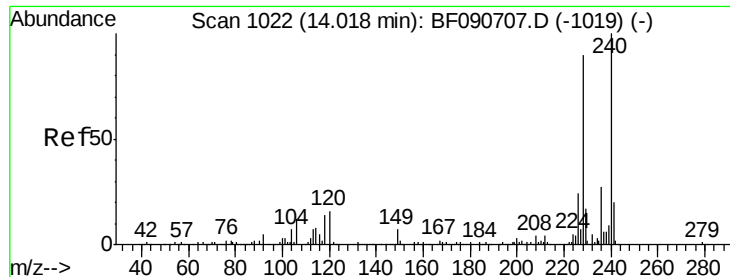


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF090790.D

Acq: 24 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

PB94262BL

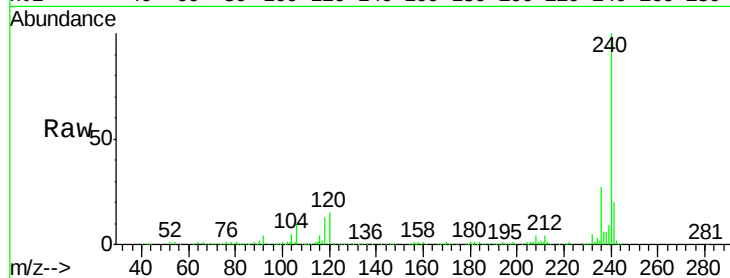
Tot Ion:240 Resp: 679531

Ion Ratio Lower Upper

240 100

120 14.6 16.2 24.2#

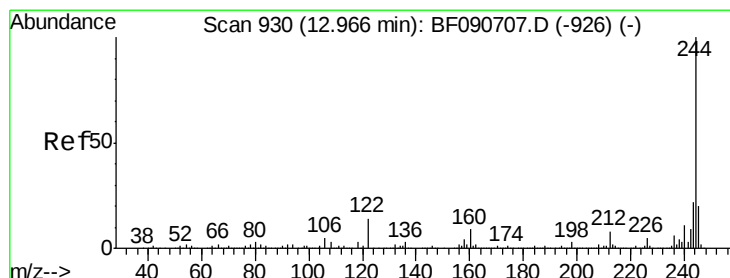
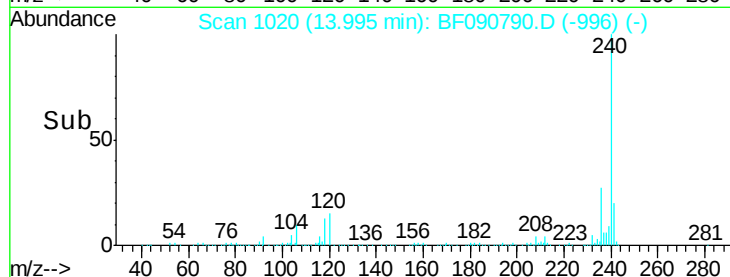
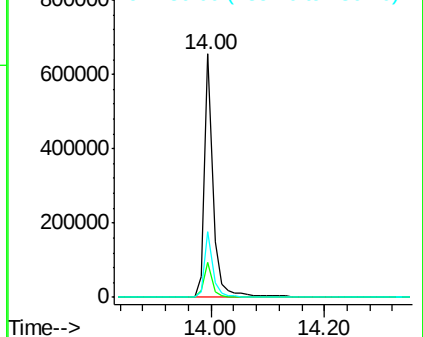
236 27.2 18.4 27.6



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: 68.14 ng

RT: 12.94 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF090790.D

Acq: 24 Oct 2016 16:32

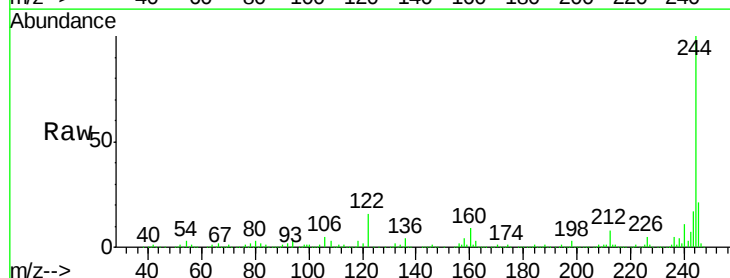
Tgt Ion:244 Resp: 2020452

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

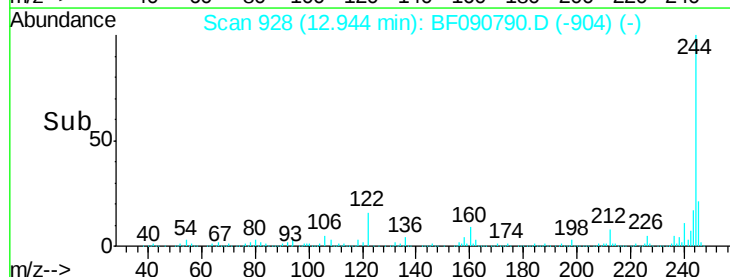
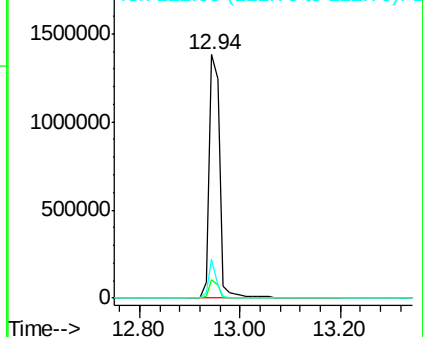
122 15.7 17.4 26.2#

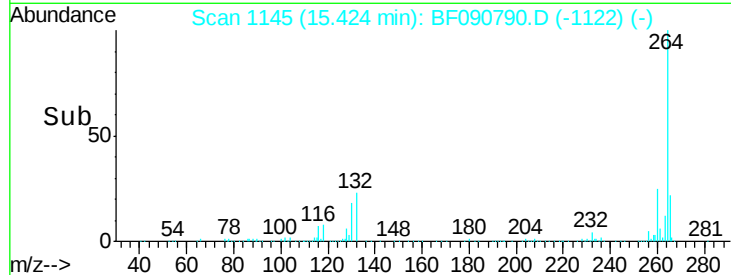
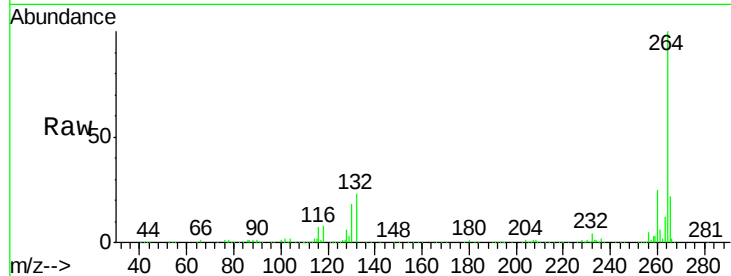
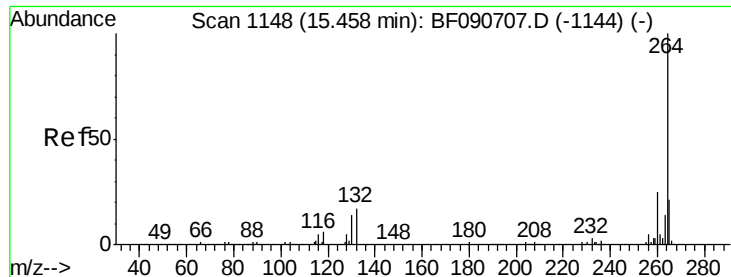


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF090790.D
Acq: 24 Oct 2016 16:32

Instrument :
BNA_F
ClientSampleId :
PB94262BL

Tot Ion:264	Resp:	492747
Ion Ratio	Lower	Upper
264	100	
260	25.1	16.7 25.1
265	21.8	17.2 25.8

