

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102416\
 Data File : BF090798.D
 Acq On : 24 Oct 2016 20:09
 Operator : UM/SJ
 Sample : H5393-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 END-WEST-UL

Quant Time: Oct 25 00:58:54 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

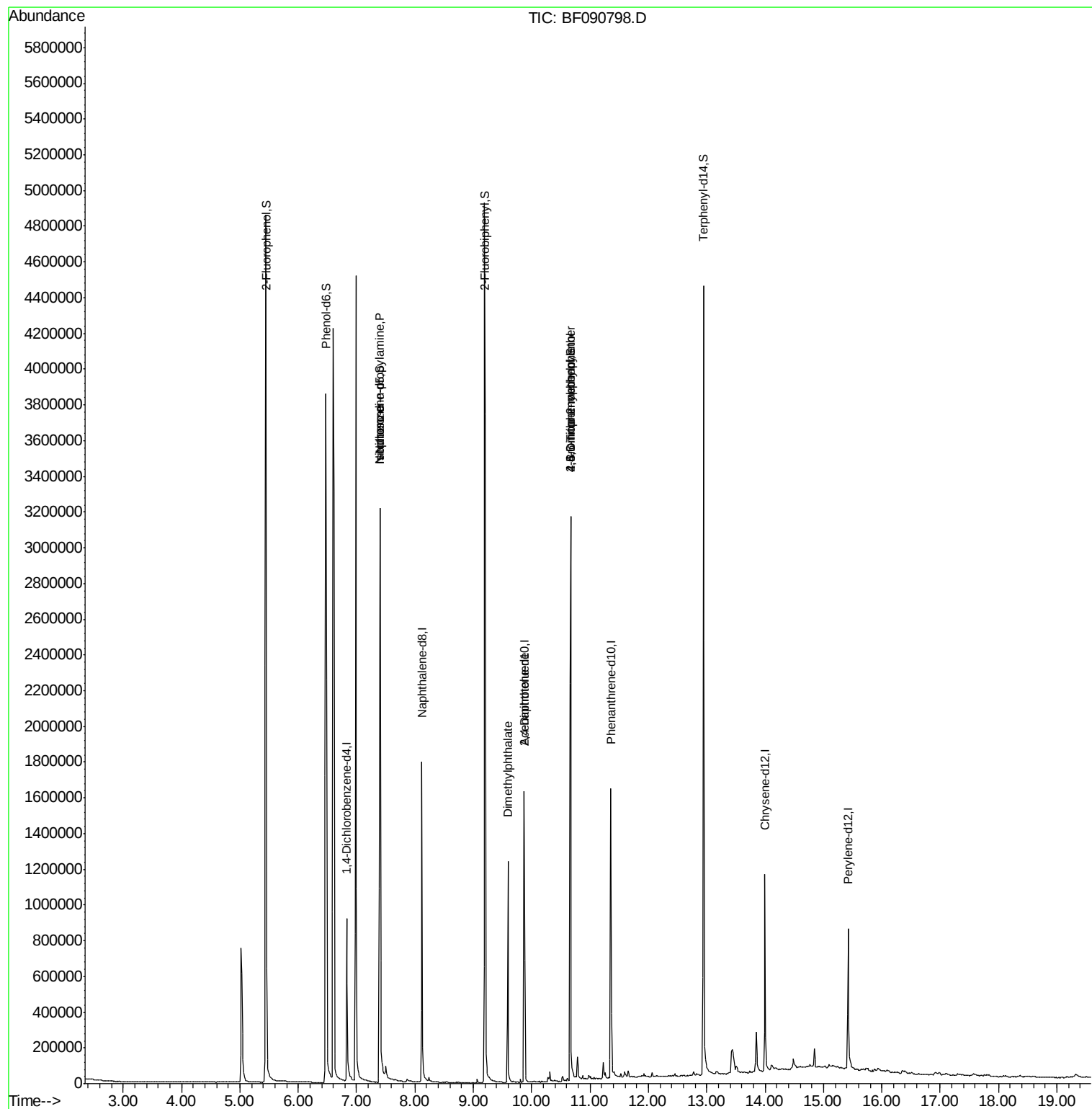
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	208380	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	897631	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	402724	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	616072	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	408801	20.00	ng	-0.02
86) Perylene-d12	15.42	264	364292	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1734960	134.28	ng	-0.01
7) Phenol-d6	6.47	99	2354394	134.53	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1443445	88.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	614640	192.83	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	2396444	92.38	ng	-0.03
78) Terphenyl-d14	12.94	244	1846742	103.53	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	187630	14.40	ng	# 53
25) Isophorone	7.40	82	1135086	36.64	ng	# 58
49) Dimethylphthalate	9.59	163	551296	21.79	ng	# 98
56) 2,4-Dinitrotoluene	9.87	165	51344	7.72	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.67	198	1066	4.42	ng	# 27
66) 4-Bromophenyl-phenylether	10.67	248	39989	6.70	ng	# 1

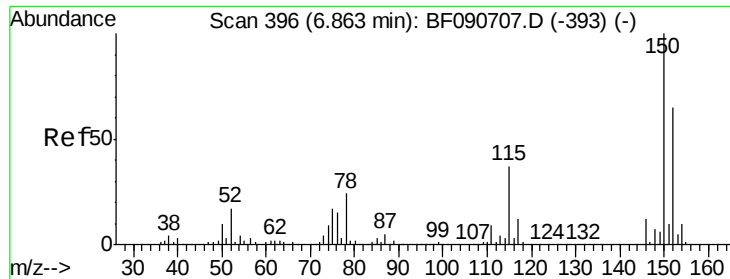
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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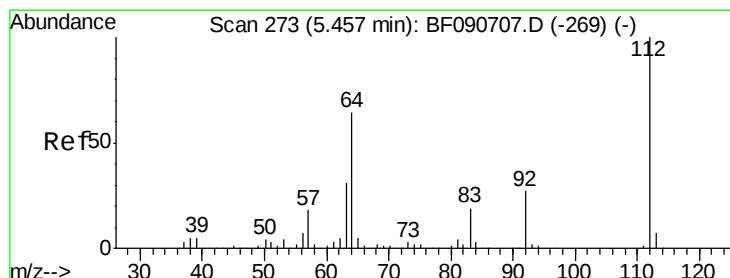
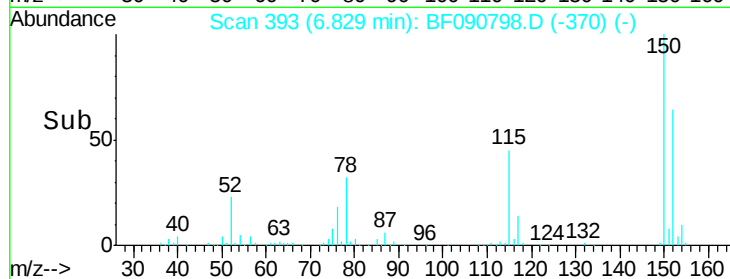
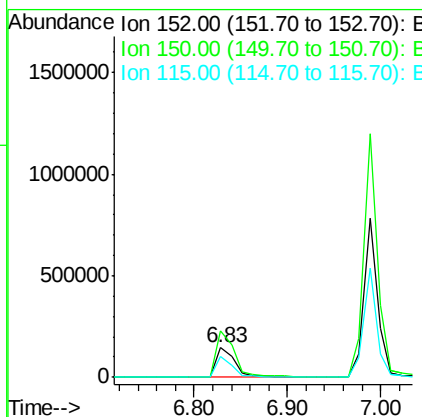
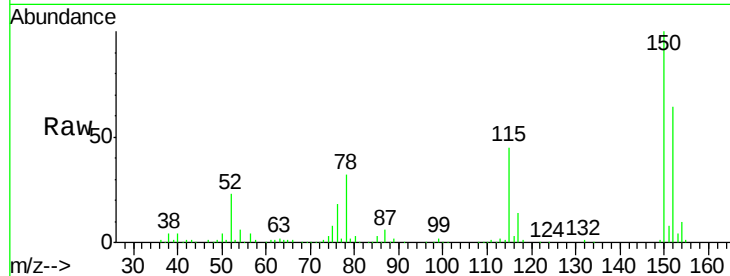




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 393
 Delta R.T. -0.03 min
 Lab File: BF090798.D
 Acq: 24 Oct 2016 20:09

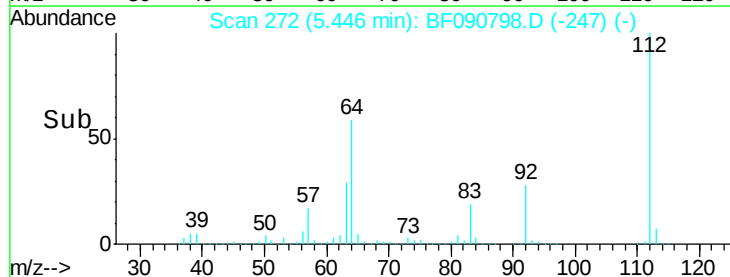
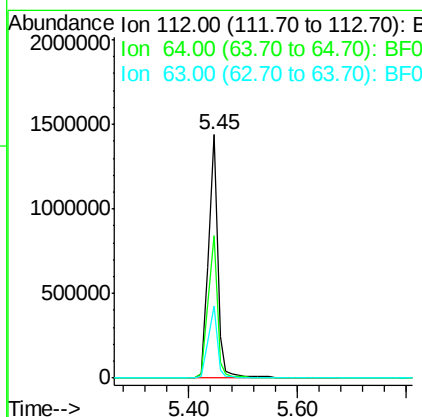
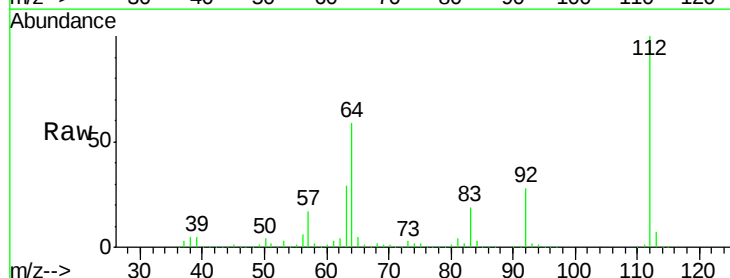
Instrument :
 BNA_F
 ClientSampleId :
 END-WEST-UL

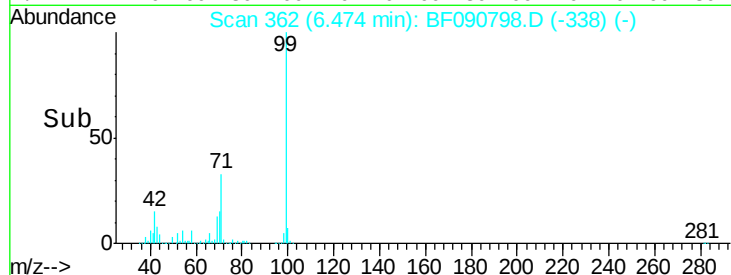
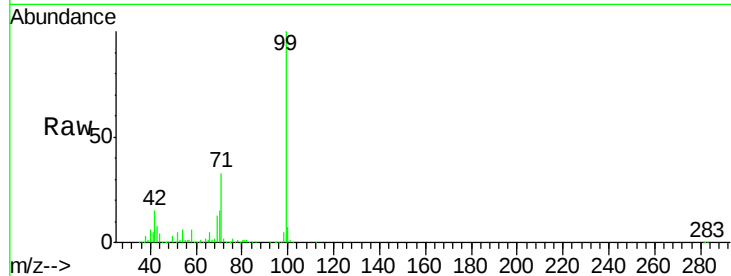
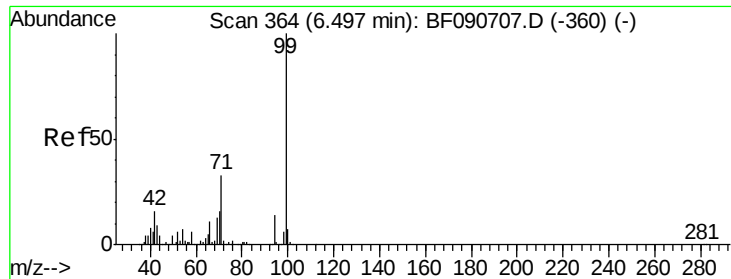
Tgt Ion:152 Resp: 208380
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.7 187.1
 115 70.4 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 134.28 ng
 RT: 5.45 min Scan# 272
 Delta R.T. -0.01 min
 Lab File: BF090798.D
 Acq: 24 Oct 2016 20:09

Tgt Ion:112 Resp: 1734960
 Ion Ratio Lower Upper
 112 100
 64 58.8 39.7 59.5
 63 29.4 17.4 26.0#





#7

Phenol-d6

Concen: 134.53 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090798.D

Acq: 24 Oct 2016 20:09

Instrument :

BNA_F

ClientSampleId :

END-WEST-UL

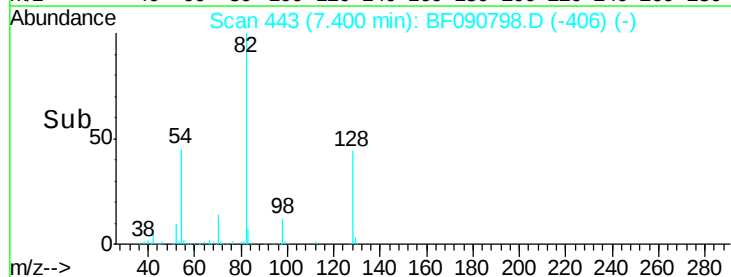
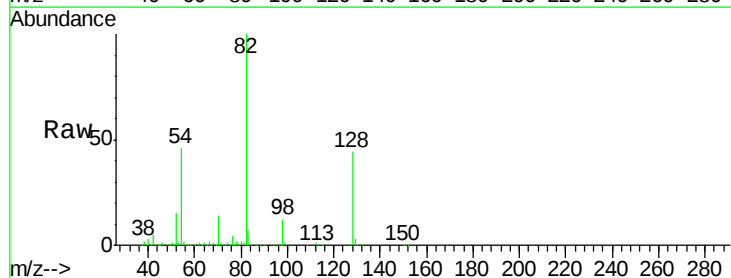
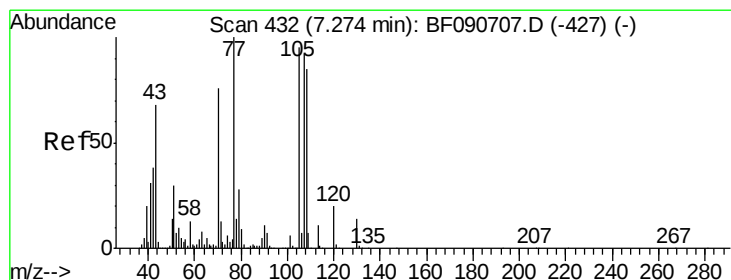
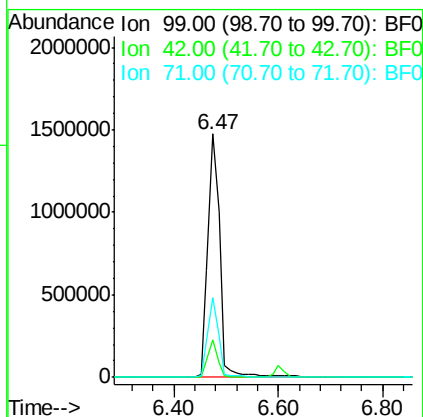
Tgt Ion: 99 Resp: 2354394

Ion Ratio Lower Upper

99 100

42 15.2 13.7 20.5

71 32.9 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.40 ng

RT: 7.40 min Scan# 443

Delta R.T. 0.13 min

Lab File: BF090798.D

Acq: 24 Oct 2016 20:09

Tgt Ion: 70 Resp: 187630

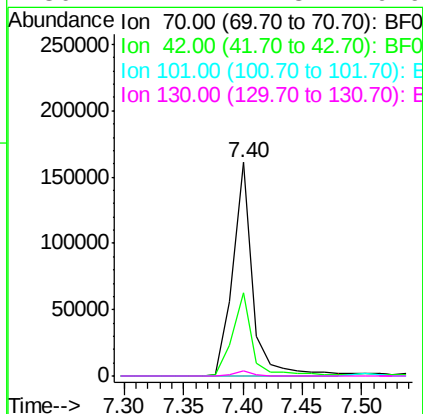
Ion Ratio Lower Upper

70 100

42 39.2 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: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090798.D

Acq: 24 Oct 2016 20:09

Instrument :

BNA_F

ClientSampleId :

END-WEST-UL

Tgt Ion:136 Resp: 897631

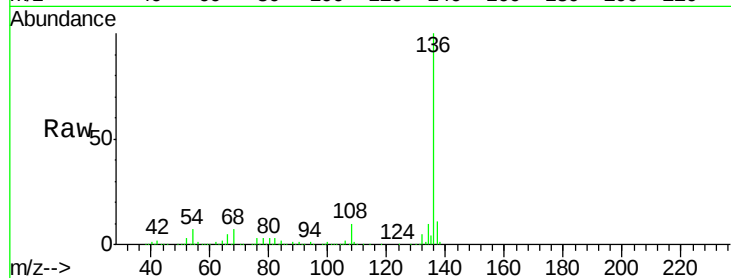
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.3 8.2 12.2#

68 6.9 5.8 8.6

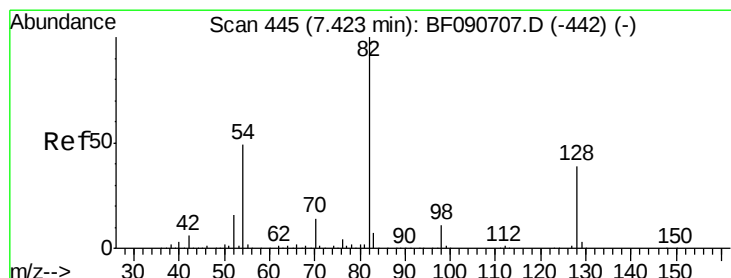
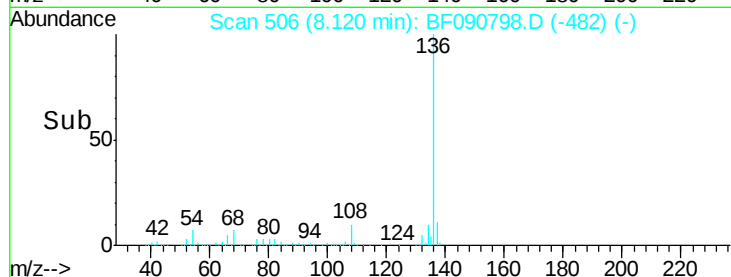
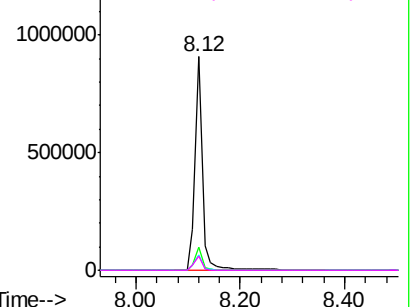


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.20 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF090798.D

Acq: 24 Oct 2016 20:09

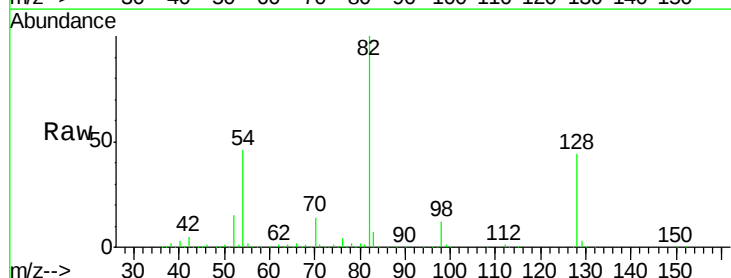
Tgt Ion: 82 Resp: 1443445

Ion Ratio Lower Upper

82 100

128 44.0 51.0 76.6#

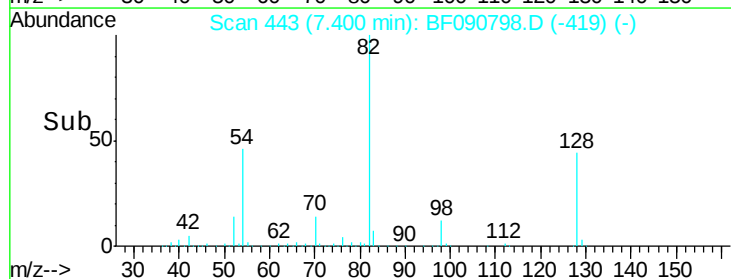
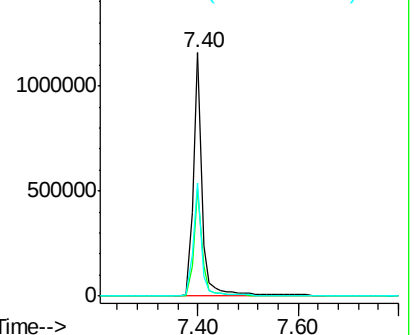
54 46.4 47.5 71.3#

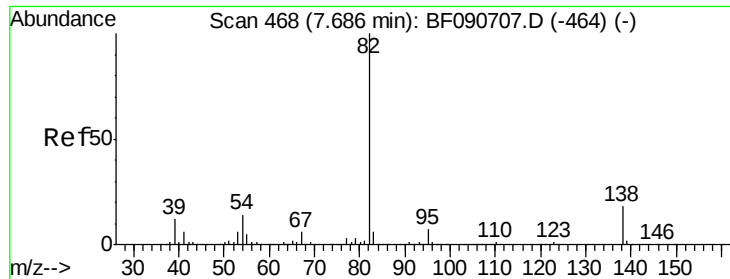


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.64 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.29 min

Lab File: BF090798.D

Acq: 24 Oct 2016 20:09

Instrument :

BNA_F

ClientSampleId :

END-WEST-UL

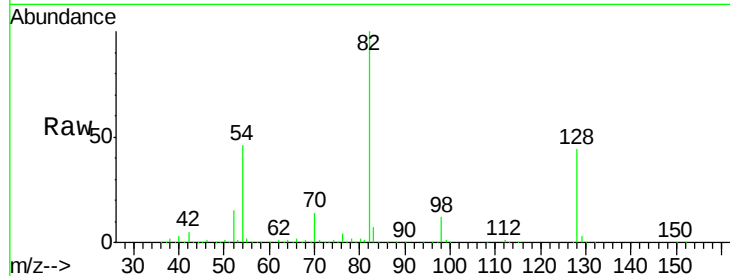
Tgt Ion: 82 Resp: 1135086

Ion Ratio Lower Upper

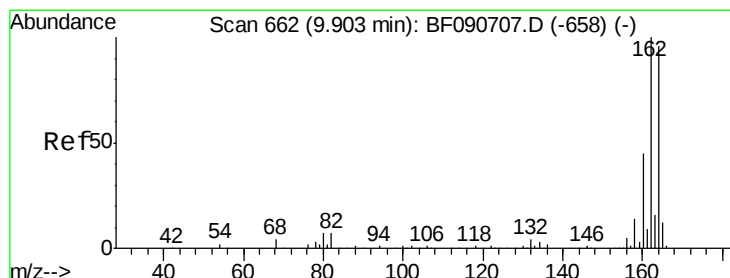
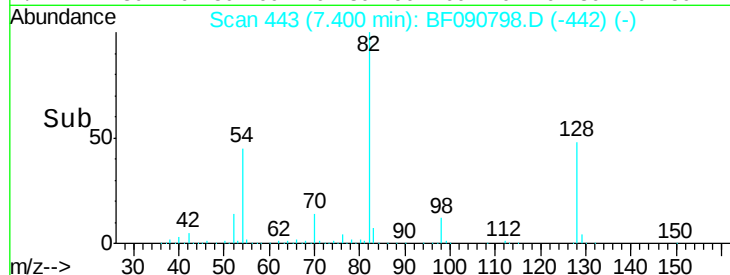
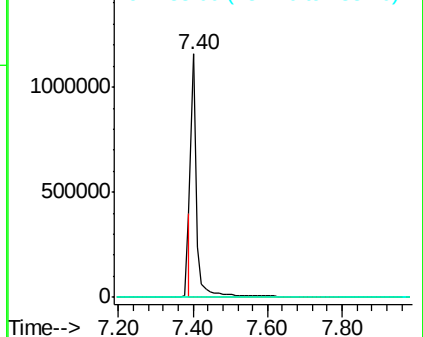
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF090798.D

Acq: 24 Oct 2016 20:09

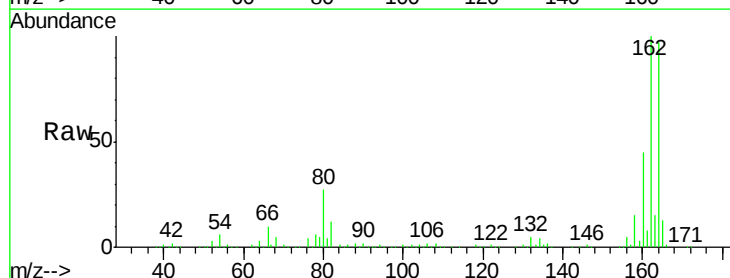
Tgt Ion: 164 Resp: 402724

Ion Ratio Lower Upper

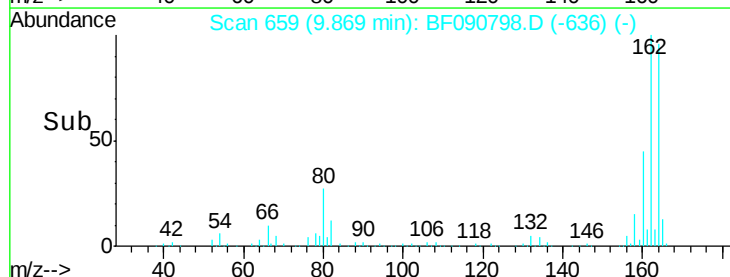
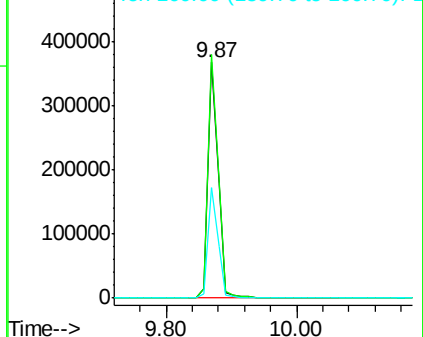
164 100

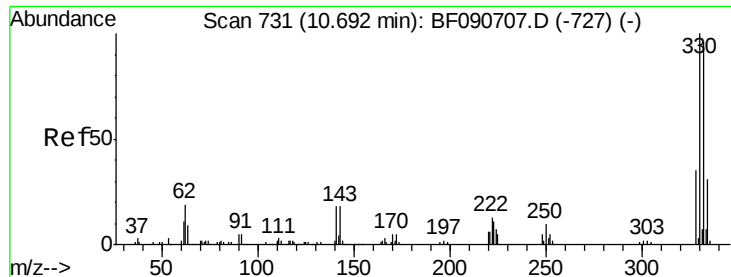
162 103.2 75.2 112.8

160 46.8 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

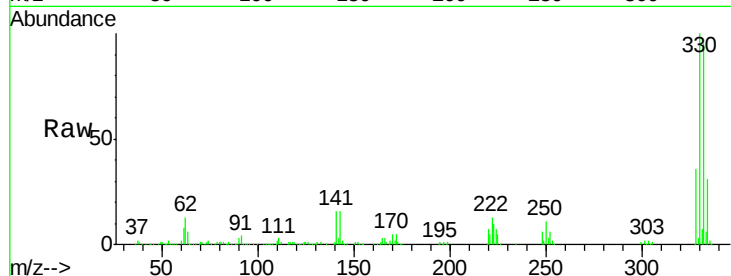




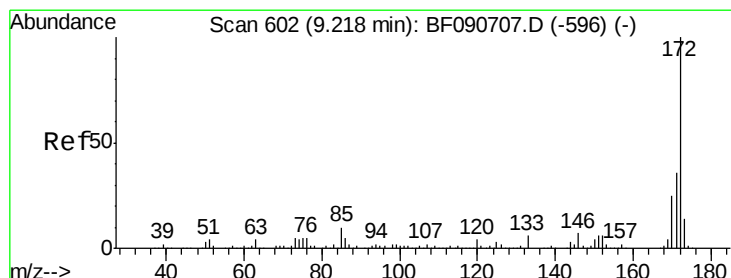
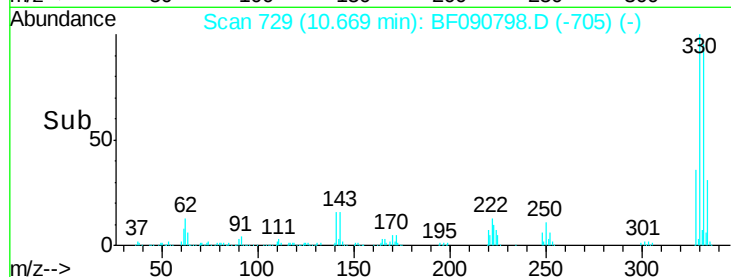
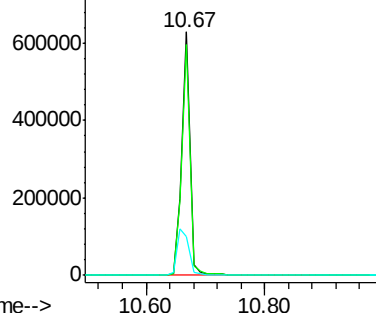
#41
 2,4,6-Tribromophenol
 Concen: 192.83 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090798.D
 Acq: 24 Oct 2016 20:09

Instrument :
 BNA_F
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 END-WEST-UL

Tgt Ion:330 Resp: 614640
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 27.5 29.7 44.5#

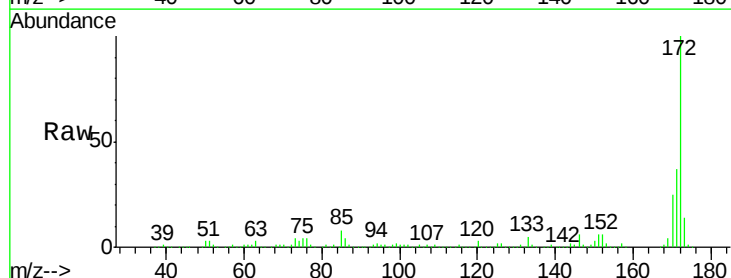


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

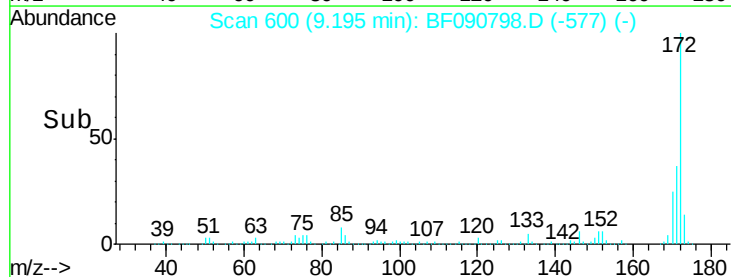
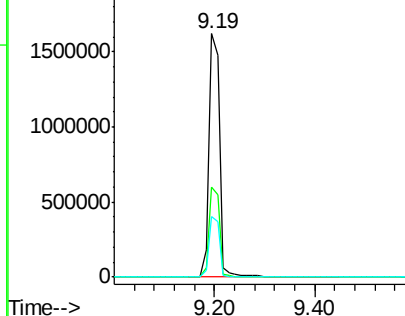


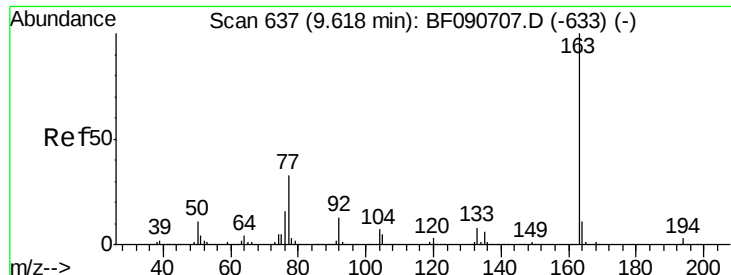
#44
 2-Fluorobiphenyl
 Concen: 92.38 ng
 RT: 9.19 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF090798.D
 Acq: 24 Oct 2016 20:09

Tgt Ion:172 Resp: 2396444
 Ion Ratio Lower Upper
 172 100
 171 37.0 26.1 39.1
 170 24.7 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





#49

Dimethylphthalate

Concen: 21.79 ng

RT: 9.59 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF090798.D

Acq: 24 Oct 2016 20:09

Instrument :

BNA_F

ClientSampleId :

END-WEST-UL

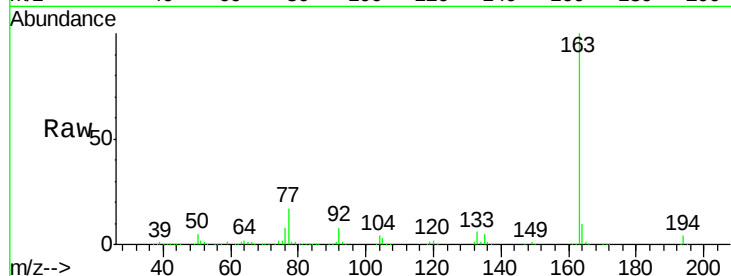
Tgt Ion:163 Resp: 551296

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

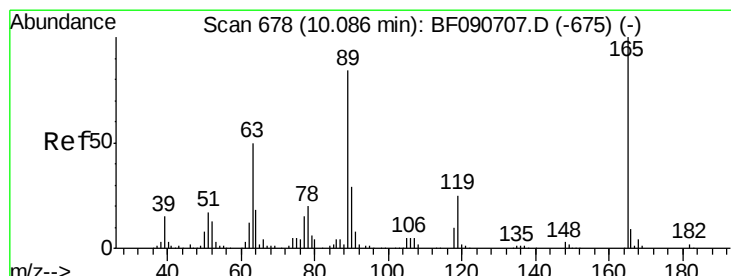
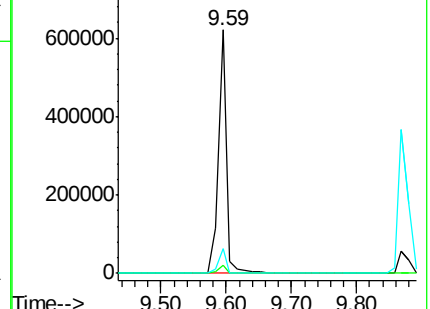
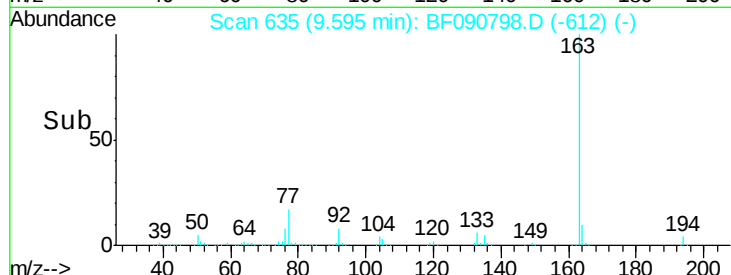
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 7.72 ng

RT: 9.87 min Scan# 659

Delta R.T. -0.22 min

Lab File: BF090798.D

Acq: 24 Oct 2016 20:09

Tgt Ion:165 Resp: 51344

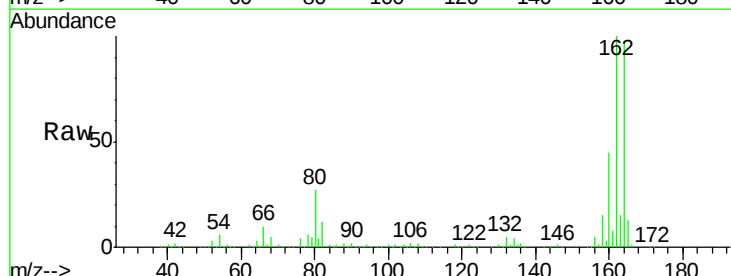
Ion Ratio Lower Upper

165 100

63 1.1 29.8 44.6#

89 1.2 44.5 66.7#

182 0.0 3.0 4.4#

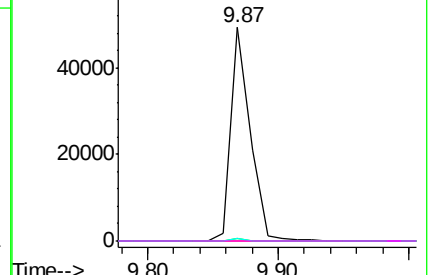
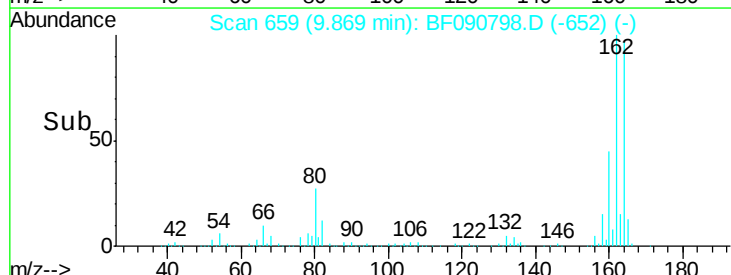


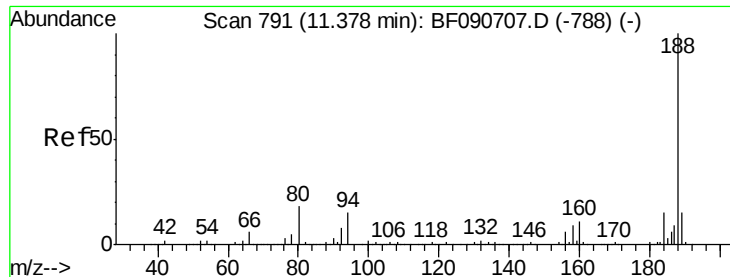
Abundance Ion 165.00 (164.70 to 165.70): E

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

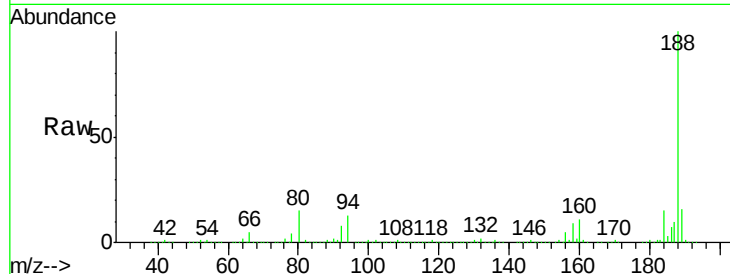




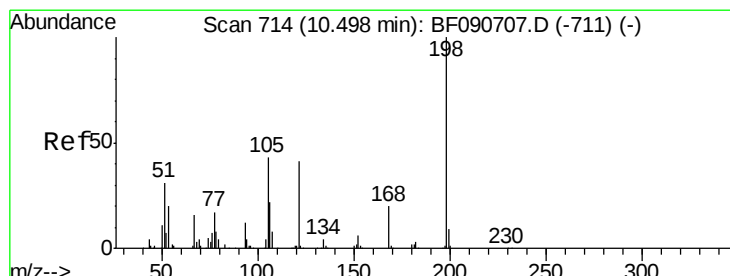
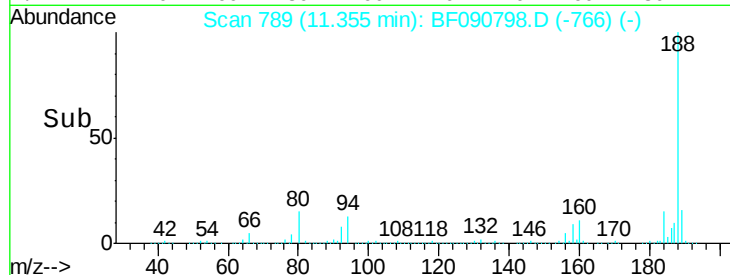
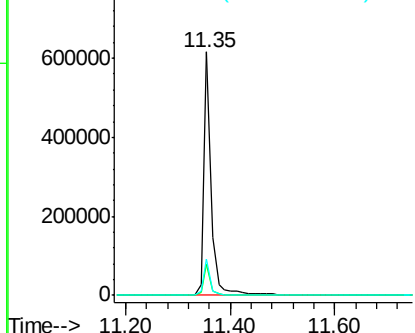
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF090798.D
 Acq: 24 Oct 2016 20:09

Instrument :
 BNA_F
 ClientSampleId :
 END-WEST-UL

Tgt Ion:188 Resp: 616072
 Ion Ratio Lower Upper
 188 100
 94 13.0 11.1 16.7
 80 14.8 11.0 16.4

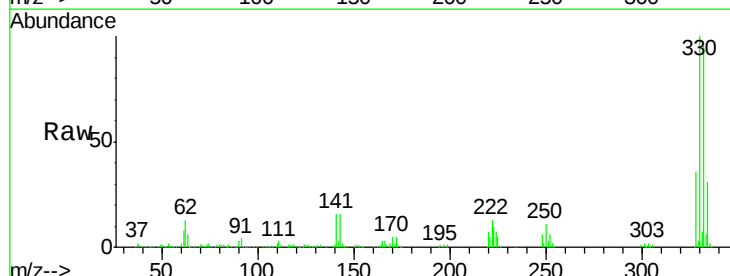


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

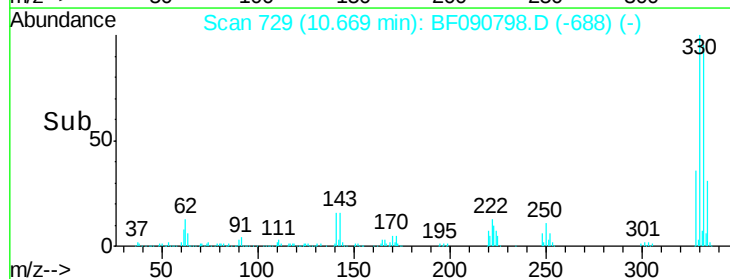
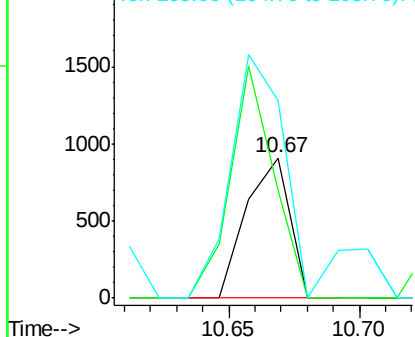


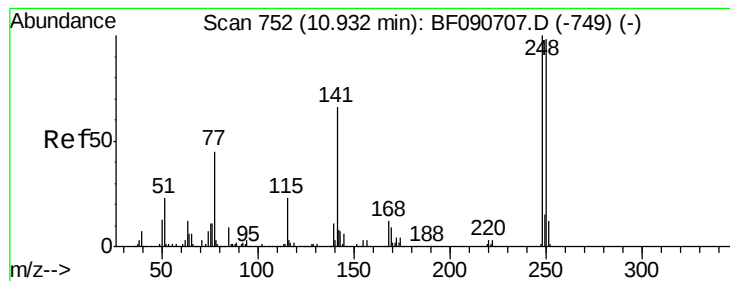
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.42 ng
 RT: 10.67 min Scan# 729
 Delta R.T. 0.17 min
 Lab File: BF090798.D
 Acq: 24 Oct 2016 20:09

Tgt Ion:198 Resp: 1066
 Ion Ratio Lower Upper
 198 100
 51 76.7 39.6 79.6
 105 140.4 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: 6.70 ng

RT: 10.67 min Scan# 729

Delta R.T. -0.26 min

Lab File: BF090798.D

Acq: 24 Oct 2016 20:09

Instrument :

BNA_F

ClientSampleId :

END-WEST-UL

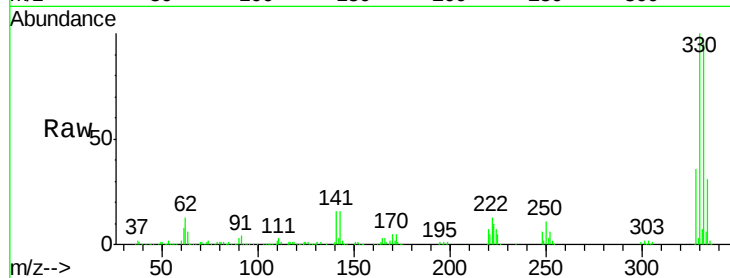
Tgt Ion:248 Resp: 39989

Ion Ratio Lower Upper

248 100

250 198.9 78.5 117.7#

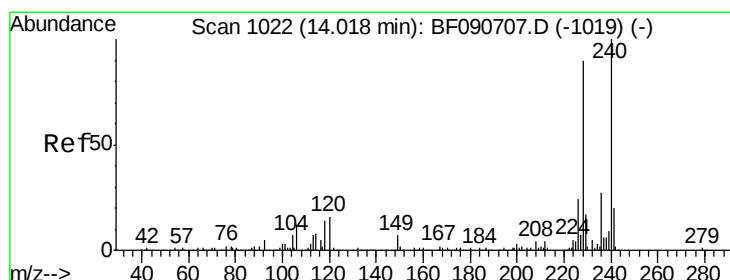
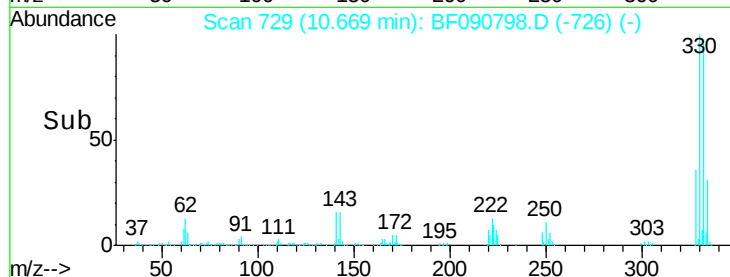
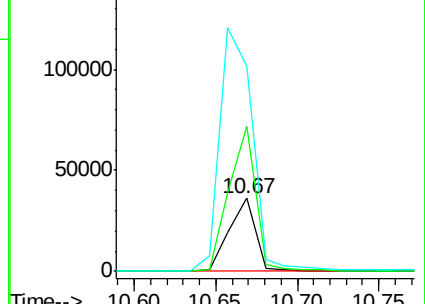
141 280.8 59.0 88.6#



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: 13.99 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF090798.D

Acq: 24 Oct 2016 20:09

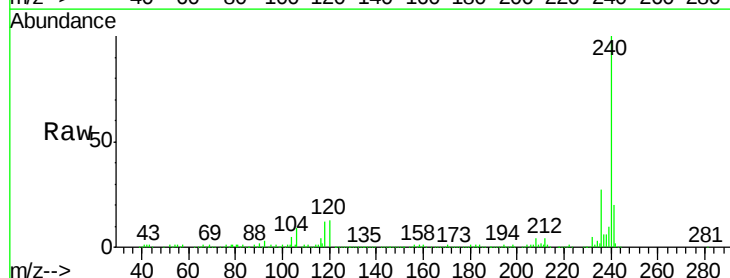
Tgt Ion:240 Resp: 408801

Ion Ratio Lower Upper

240 100

120 12.9 16.2 24.2#

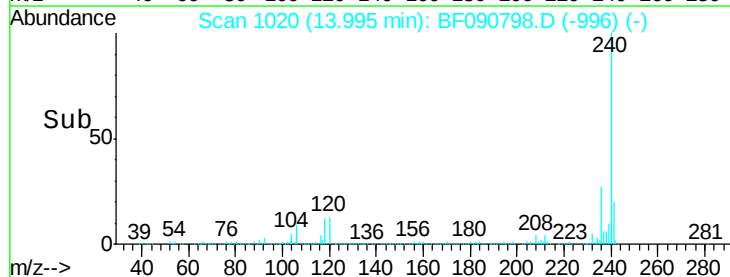
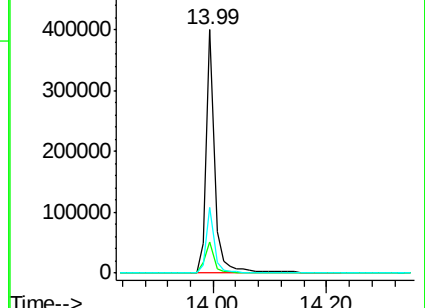
236 27.2 18.4 27.6

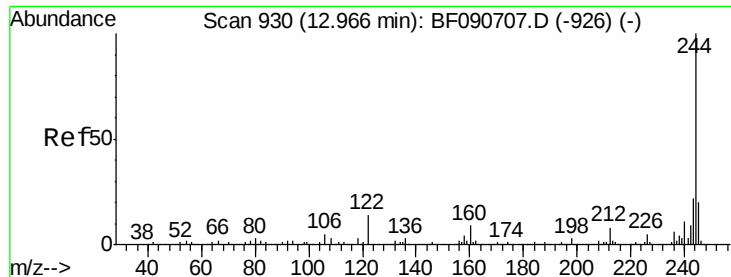


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

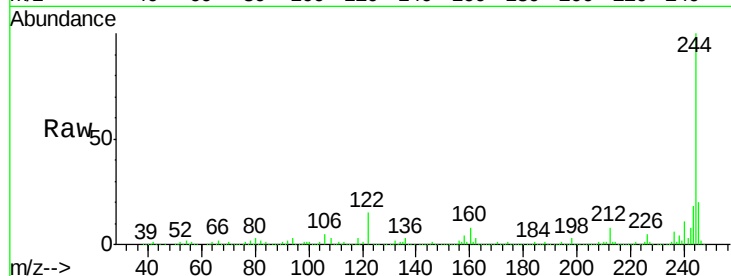




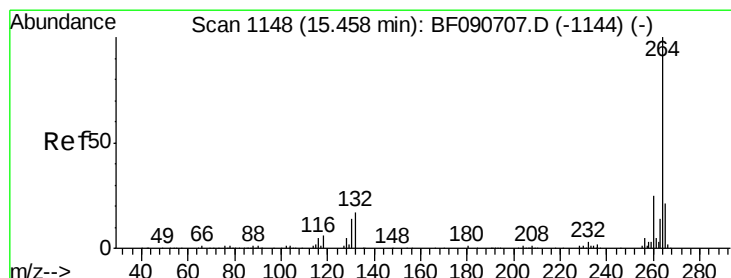
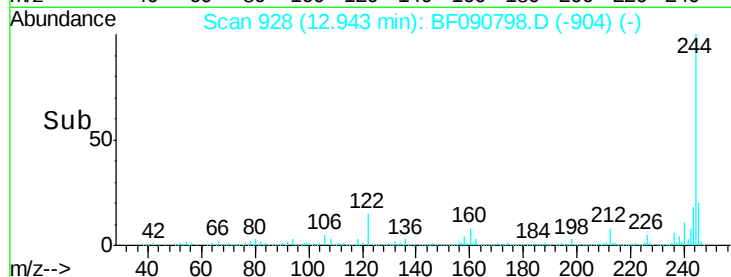
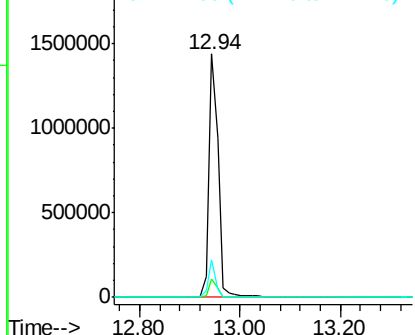
#78
 Terphenyl-d14
 Concen: 103.53 ng
 RT: 12.94 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF090798.D
 Acq: 24 Oct 2016 20:09

Instrument :
 BNA_F
 ClientSampleId :
 END-WEST-UL

Tgt Ion:244 Resp: 1846742
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 15.3 17.4 26.2#

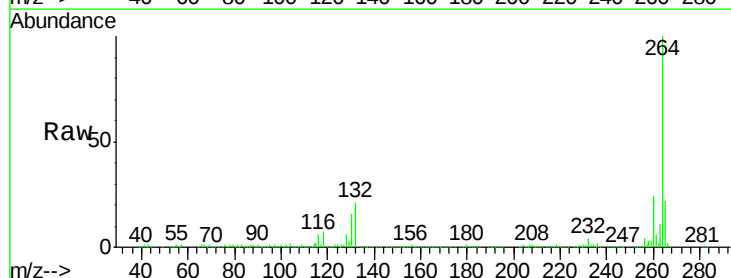


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF090798.D
 Acq: 24 Oct 2016 20:09

Tgt Ion:264 Resp: 364292
 Ion Ratio Lower Upper
 264 100
 260 24.1 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

