

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090738.D
 Acq On : 22 Oct 2016 4:12
 Operator : UM/SJ
 Sample : H5308-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-106I

Quant Time: Oct 22 05:27:47 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

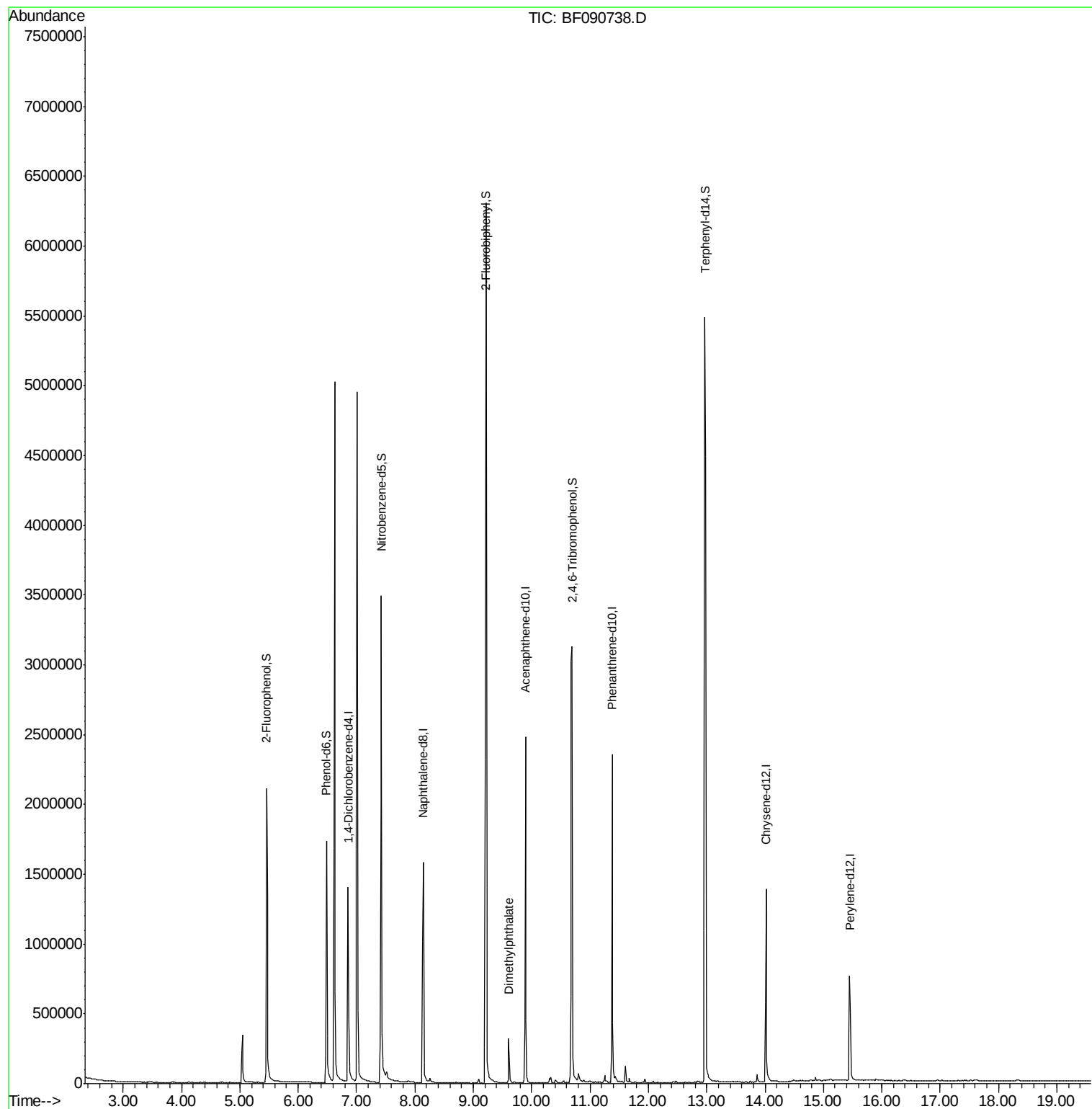
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	241349	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1019224	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	533088	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	860749	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	567346	20.00	ng	0.00
86) Perylene-d12	15.45	264	375001	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	799862	53.45	ng	0.00
7) Phenol-d6	6.49	99	651726	32.15	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1712028	92.13	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	696568	165.09	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2450118	71.35	ng	-0.01
78) Terphenyl-d14	12.97	244	2722595	109.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	173250	5.17	ng	Qvalue # 97

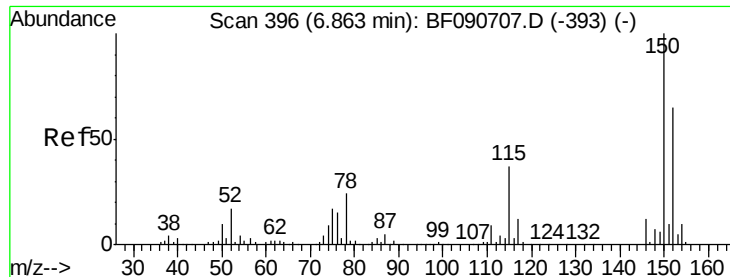
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090738.D

Acq: 22 Oct 2016 4:12

Instrument :

BNA_F

ClientSampleId :

MW-106I

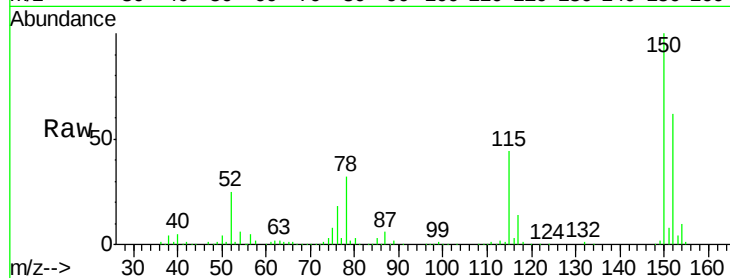
Tot Ion:152 Resp: 241349

Ion Ratio Lower Upper

152 100

150 160.9 124.7 187.1

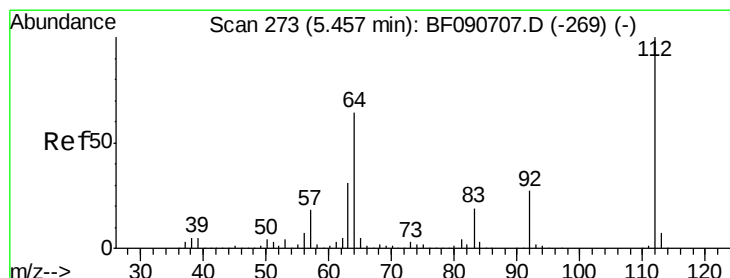
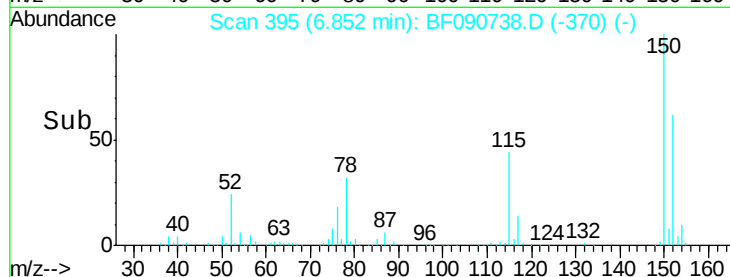
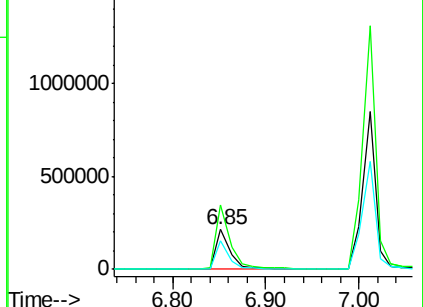
115 70.6 39.0 58.4#



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: 53.45 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

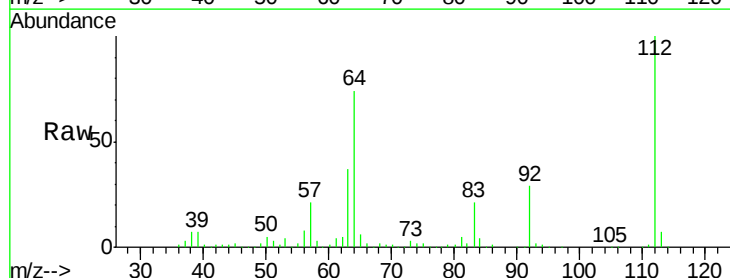
Tgt Ion:112 Resp: 799862

Ion Ratio Lower Upper

112 100

64 74.3 39.7 59.5#

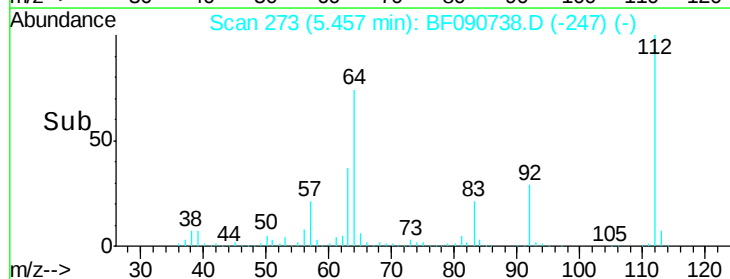
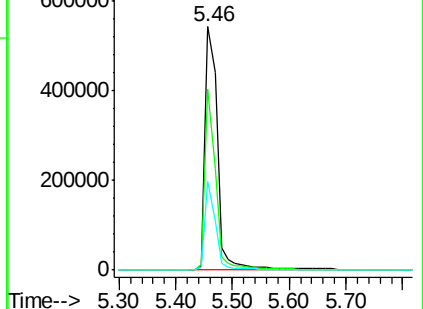
63 36.6 17.4 26.0#



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: 32.15 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

Instrument :

BNA_F

ClientSampleId :

MW-106I

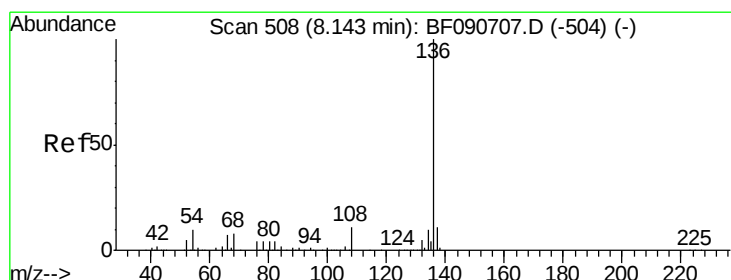
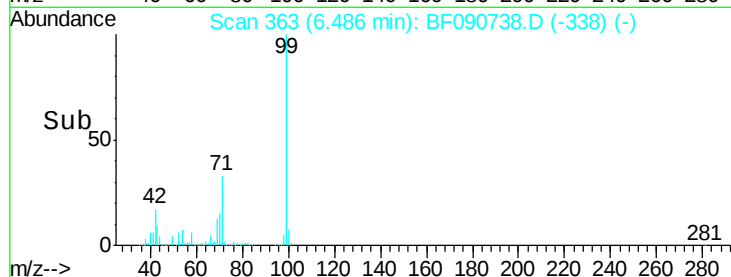
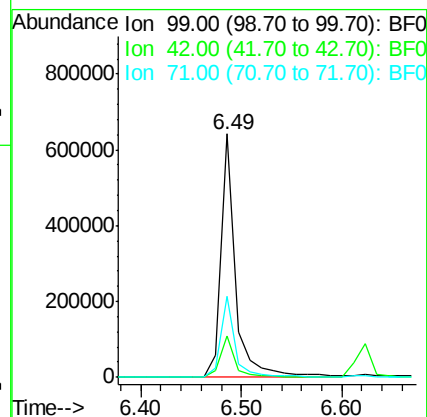
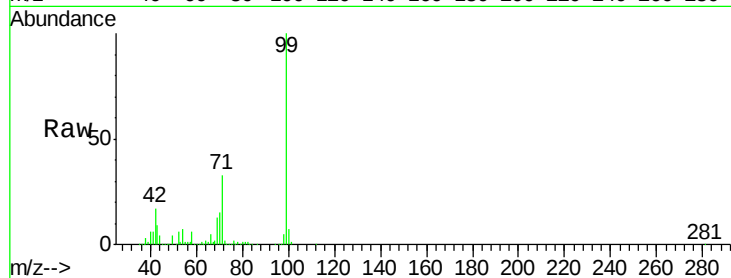
Tot Ion: 99 Resp: 651726

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

71 33.2 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

Tgt Ion: 136 Resp: 1019224

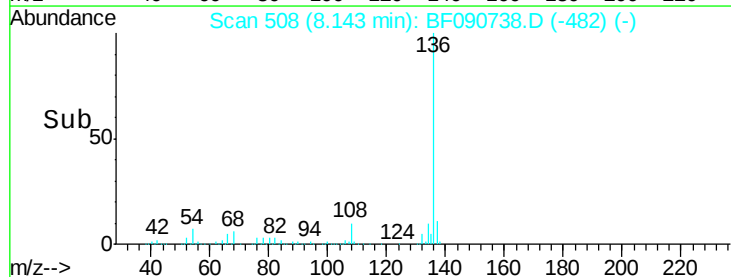
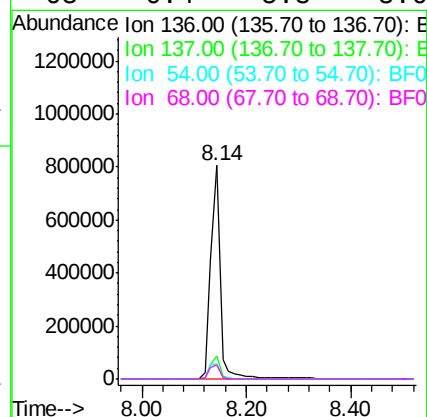
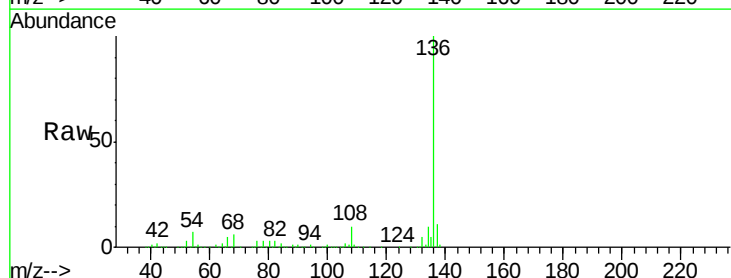
Ion Ratio Lower Upper

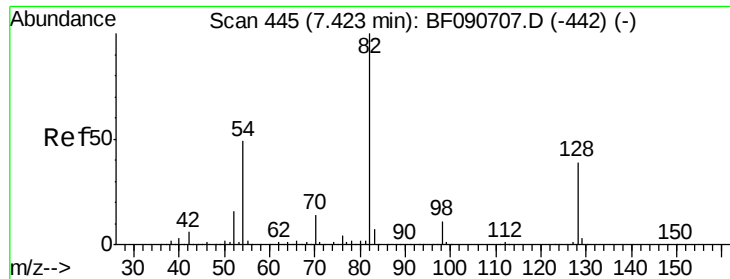
136 100

137 10.9 9.0 13.6

54 7.0 8.2 12.2#

68 6.4 5.8 8.6

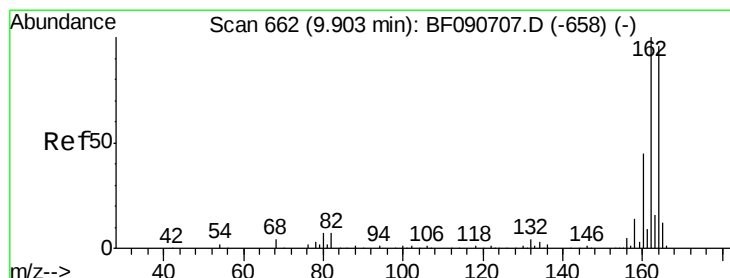
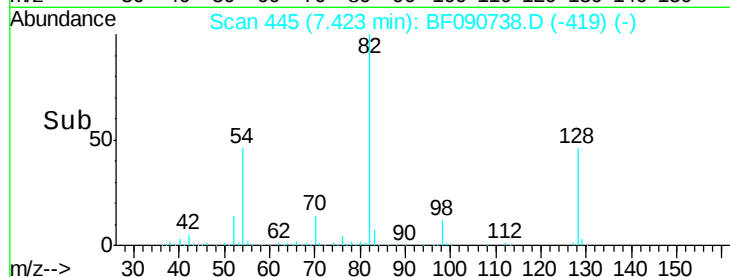
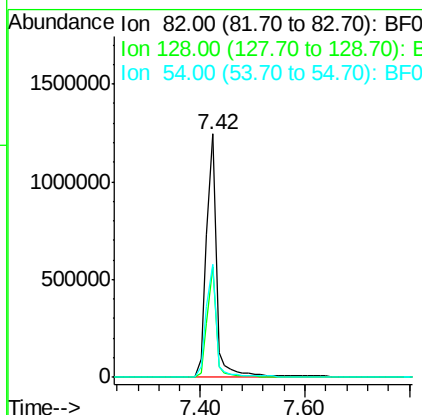
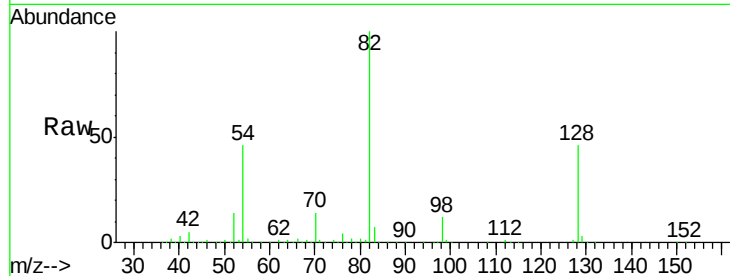




#23
 Nitrobenzene-d5
 Concen: 92.13 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090738.D
 Acq: 22 Oct 2016 4:12

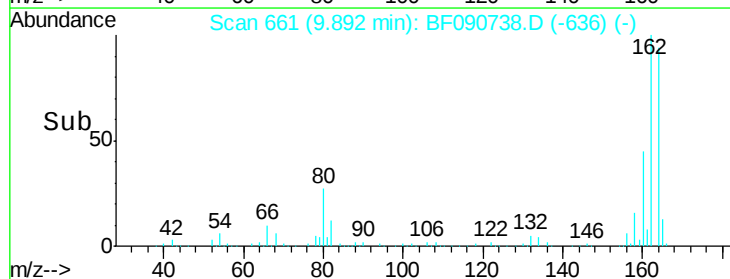
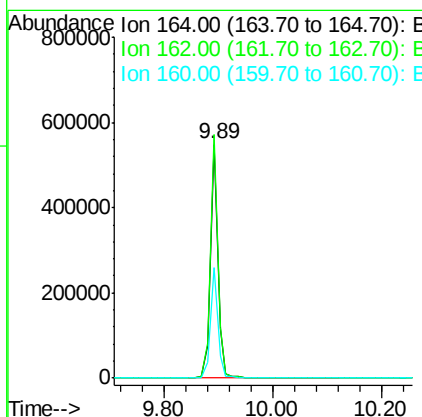
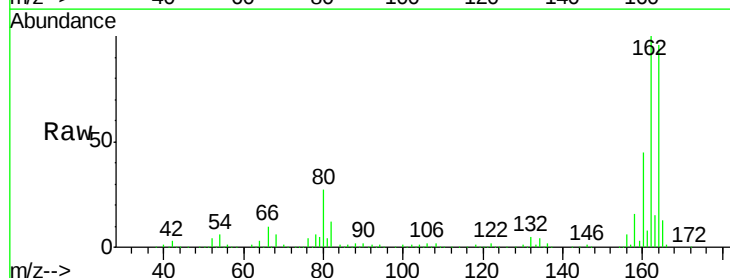
Instrument :
 BNA_F
 ClientSampleId :
 MW-106I

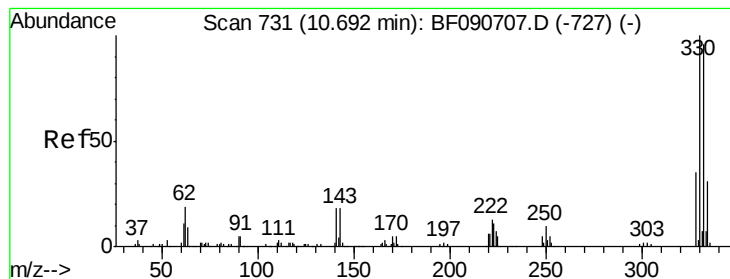
Tot Ion: 82 Resp: 1712028
 Ion Ratio Lower Upper
 82 100
 128 45.6 51.0 76.6#
 54 46.3 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090738.D
 Acq: 22 Oct 2016 4:12

Tgt Ion:164 Resp: 533088
 Ion Ratio Lower Upper
 164 100
 162 104.3 75.2 112.8
 160 47.3 31.5 47.3

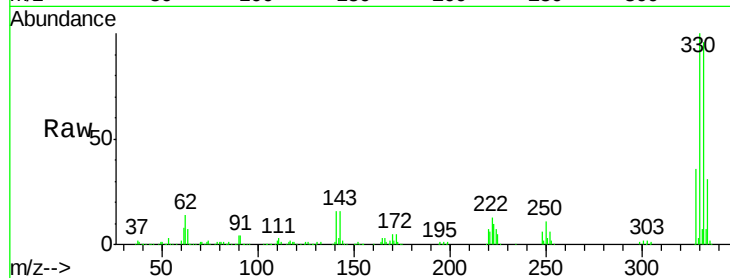




#41
 2,4,6-Tribromophenol
 Concen: 165.09 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090738.D
 Acq: 22 Oct 2016 4:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-106I

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	31.9	29.7	44.5

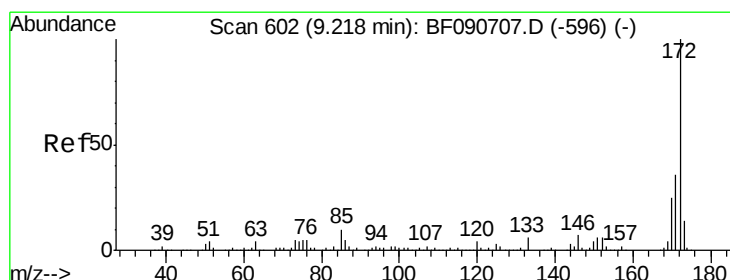
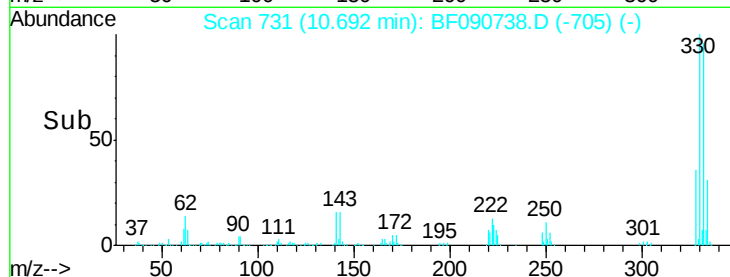
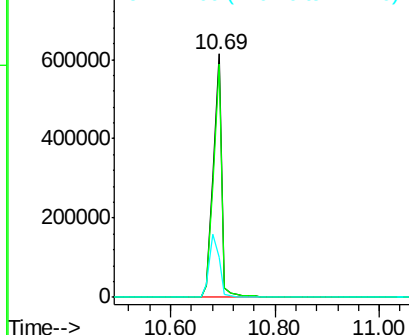


Abundance

Ion 329.80 (329.50 to 330.50): E

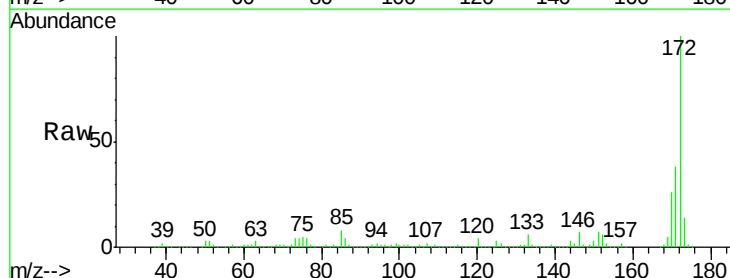
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.35 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090738.D
 Acq: 22 Oct 2016 4:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.1	39.1
170	25.8	17.4	26.2

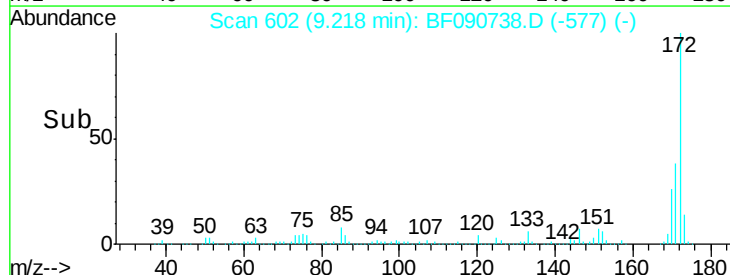
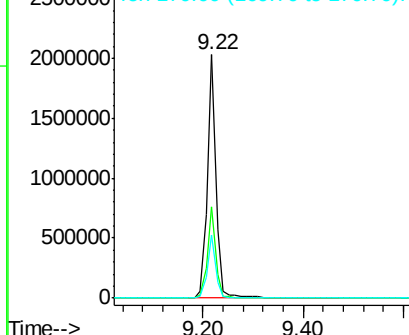


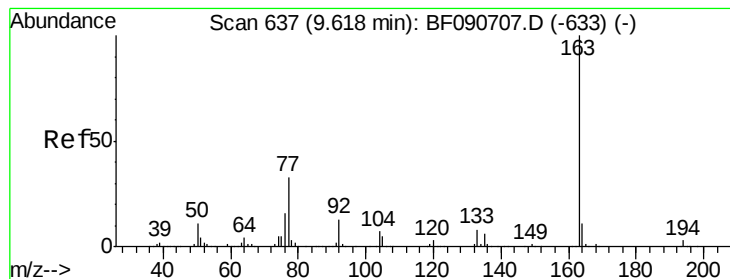
Abundance

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: 5.17 ng

RT: 9.61 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

Instrument :

BNA_F

ClientSampleId :

MW-106I

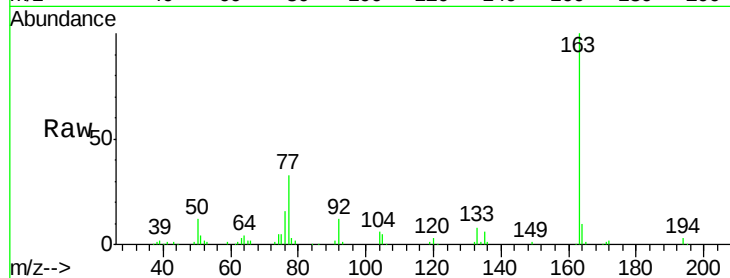
Tot Ion:163 Resp: 173250

Ion Ratio Lower Upper

163 100

194 2.7 4.4 6.6#

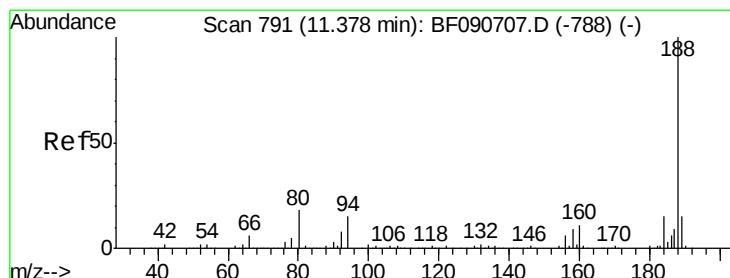
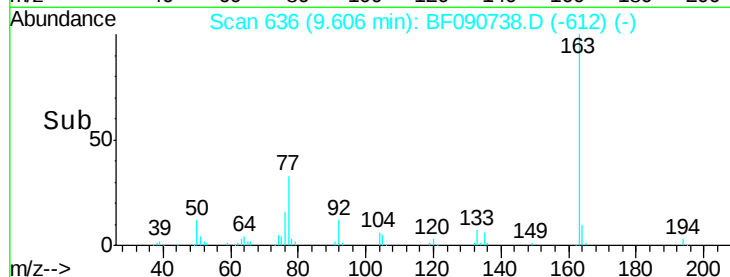
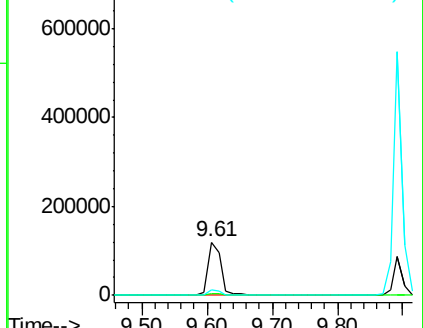
164 10.5 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

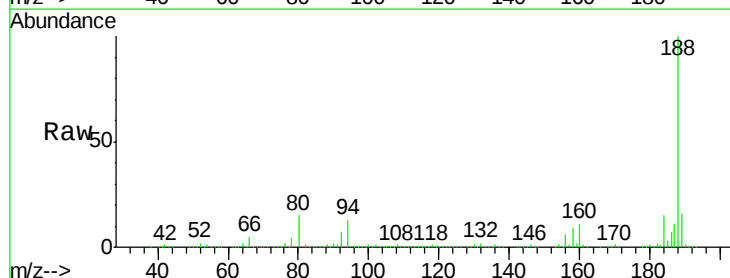
Tgt Ion:188 Resp: 860749

Ion Ratio Lower Upper

188 100

94 13.2 11.1 16.7

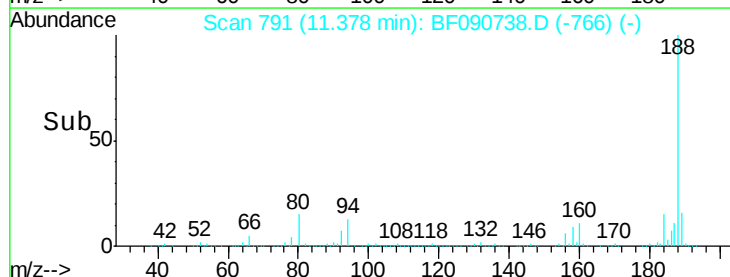
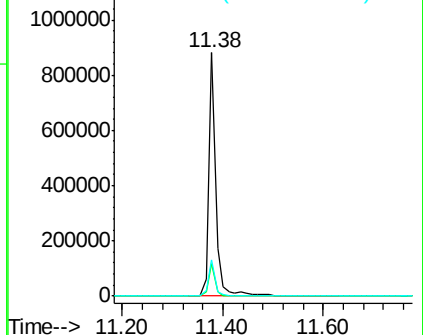
80 14.7 11.0 16.4



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

Instrument :

BNA_F

ClientSampleId :

MW-106I

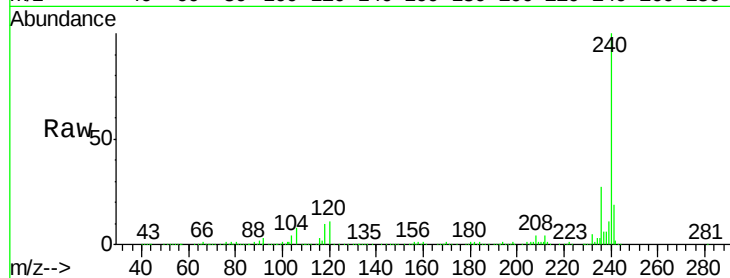
Tot Ion:240 Resp: 567346

Ion Ratio Lower Upper

240 100

120 11.4 16.2 24.2#

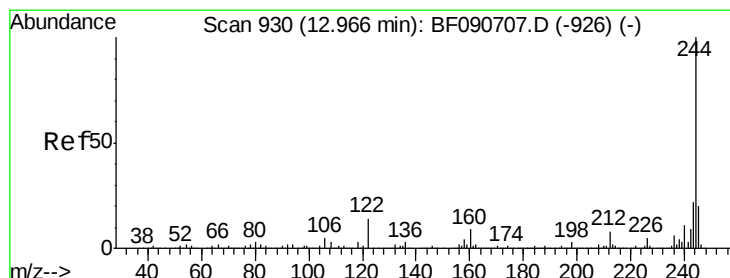
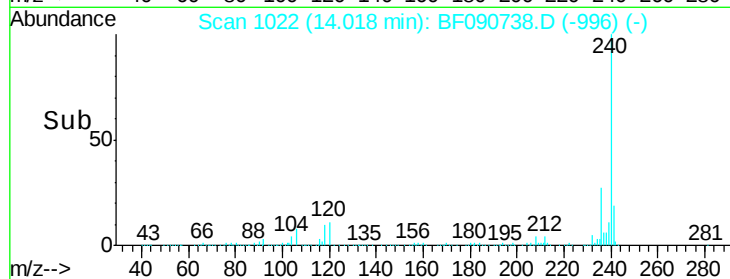
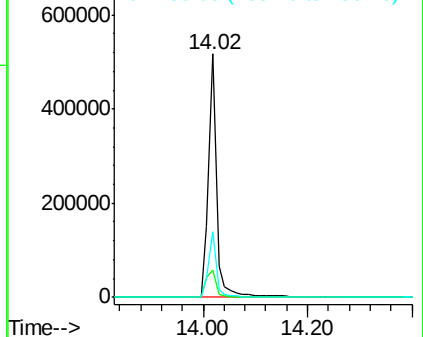
236 26.9 18.4 27.6



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: 109.98 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

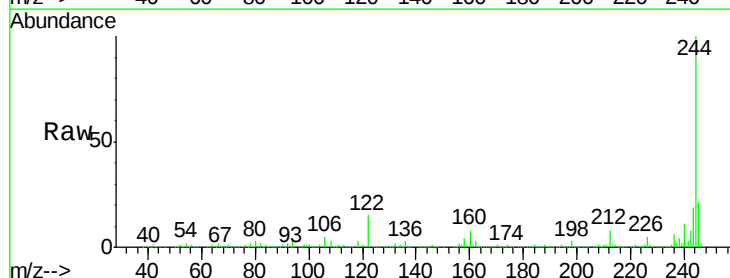
Tgt Ion:244 Resp: 2722595

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

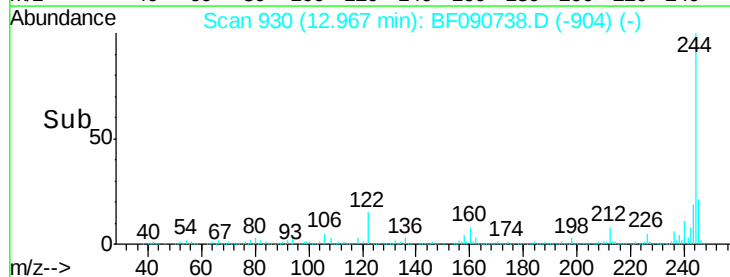
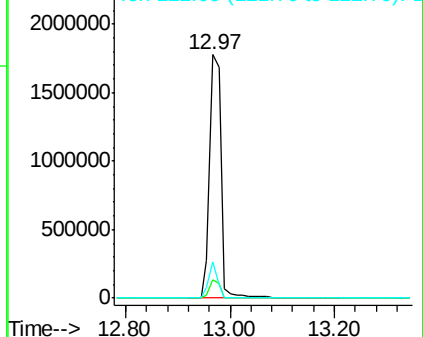
122 14.8 17.4 26.2#

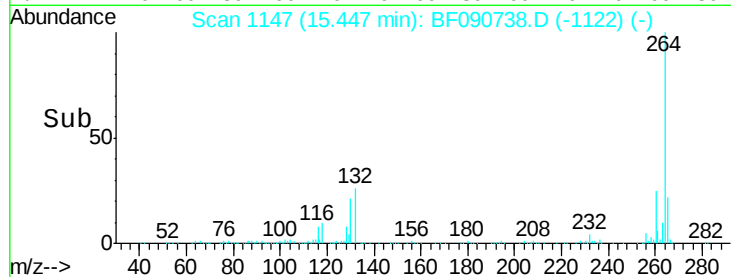
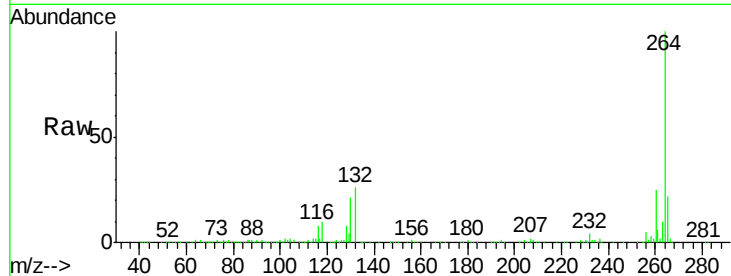
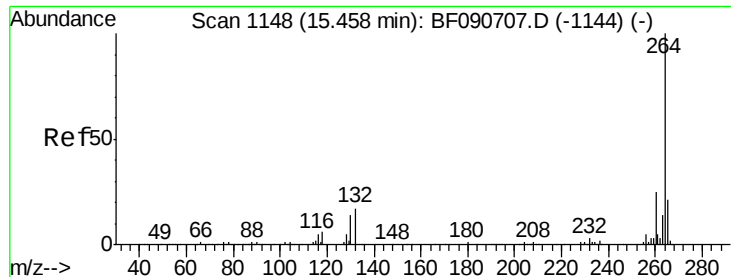


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF090738.D

Acq: 22 Oct 2016 4:12

Instrument :

BNA_F

ClientSampleId :

MW-106I

Tot Ion:264 Resp: 375001

Ion Ratio Lower Upper

264 100

260 25.3 16.7 25.1#

265 21.9 17.2 25.8

