

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090740.D
 Acq On : 22 Oct 2016 5:07
 Operator : UM/SJ
 Sample : H5308-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-106D

Quant Time: Oct 22 05:32:50 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

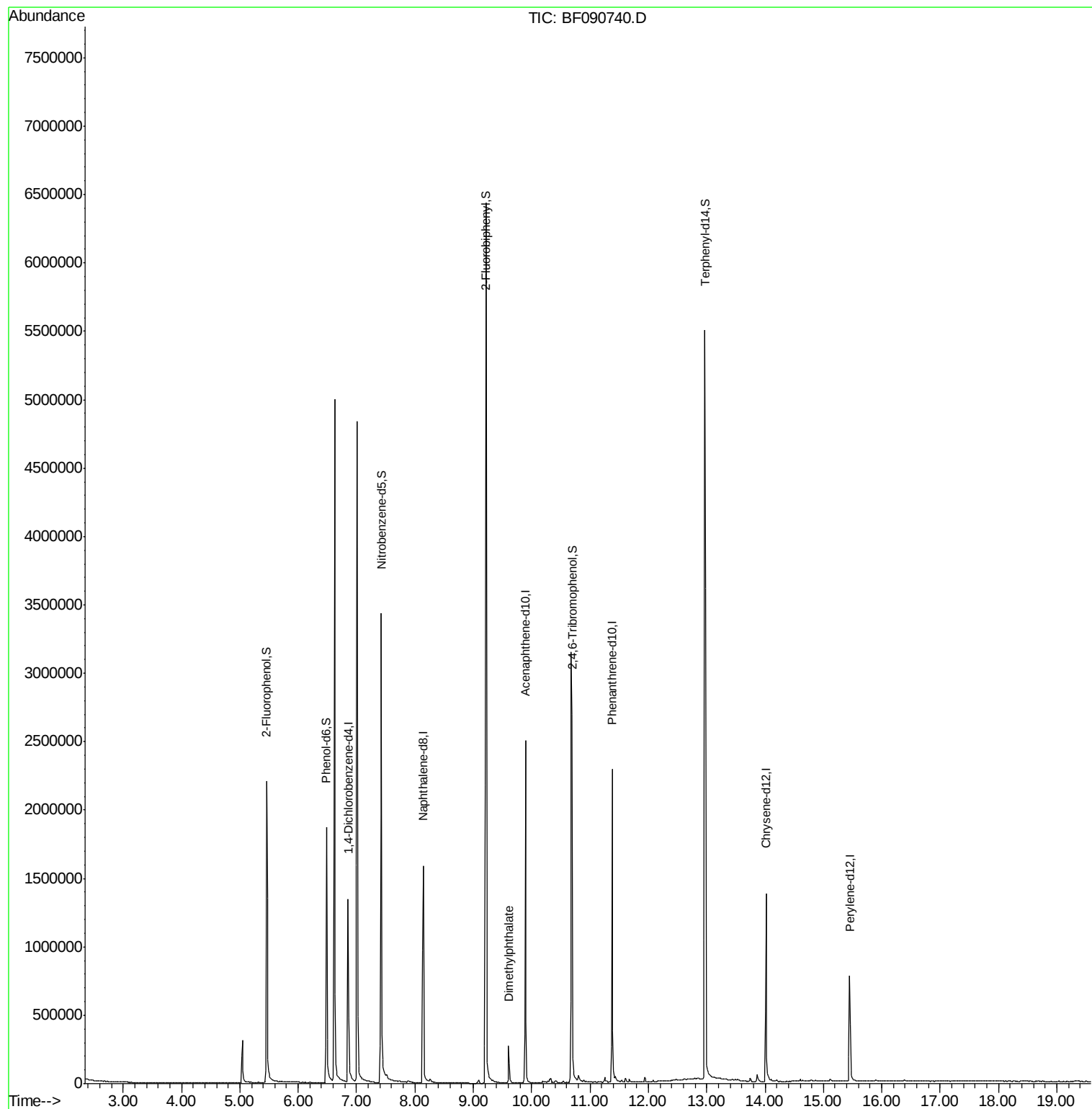
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	240858	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1014801	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	529534	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	844607	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	548341	20.00	ng	0.00
86) Perylene-d12	15.45	264	363092	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	833507	55.81	ng	0.00
7) Phenol-d6	6.49	99	709033	35.05	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1699026	91.83	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	671987	160.33	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2465328	72.27	ng	-0.01
78) Terphenyl-d14	12.97	244	2481861	103.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	142377	4.28	ng	Qvalue # 97

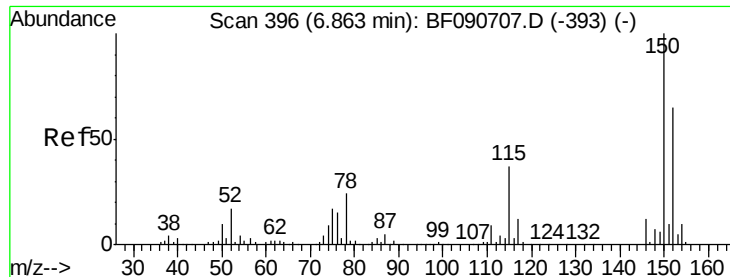
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090740.D

Acq: 22 Oct 2016 5:07

Instrument :

BNA_F

ClientSampleId :

MW-106D

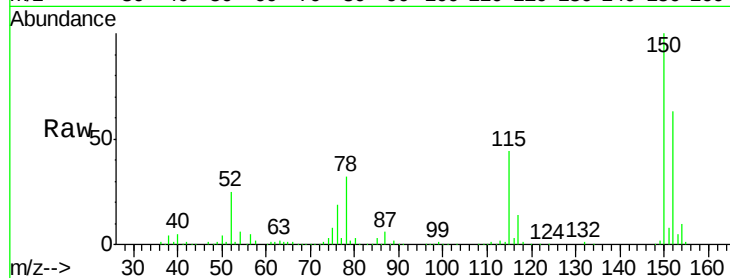
Tot Ion:152 Resp: 240858

Ion Ratio Lower Upper

152 100

150 158.9 124.7 187.1

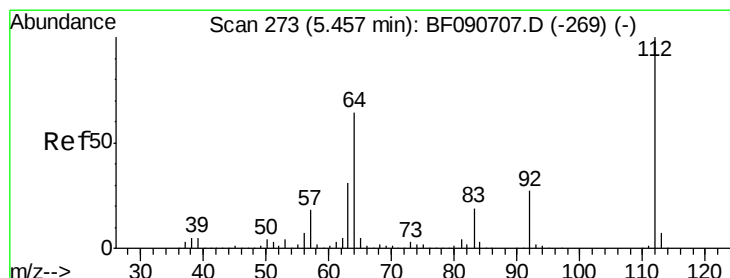
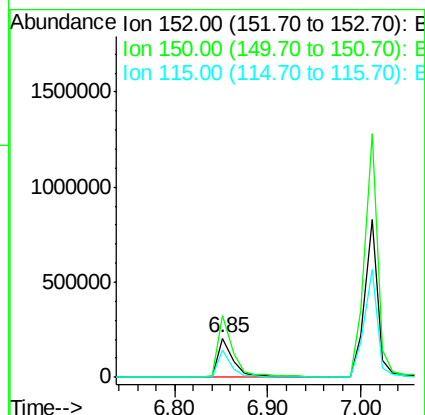
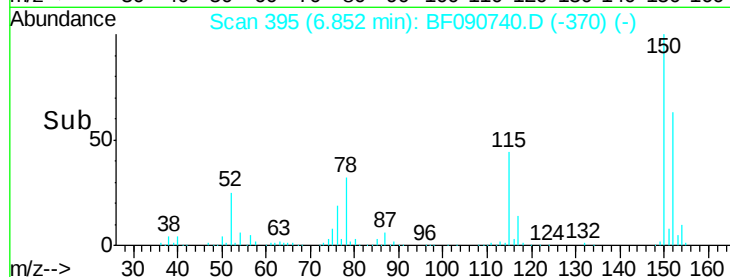
115 70.6 39.0 58.4#



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: 55.81 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090740.D

Acq: 22 Oct 2016 5:07

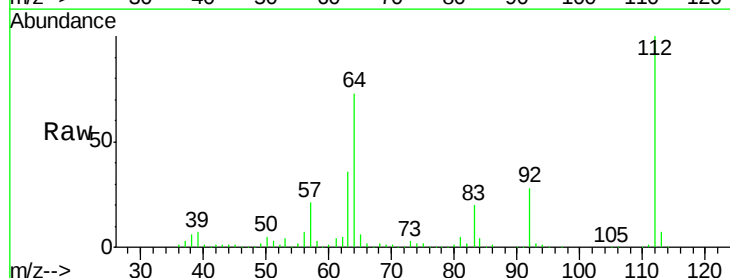
Tgt Ion:112 Resp: 833507

Ion Ratio Lower Upper

112 100

64 72.6 39.7 59.5#

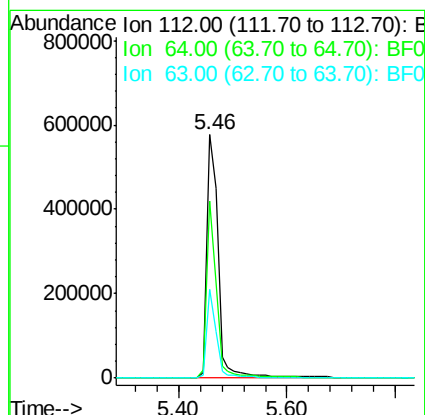
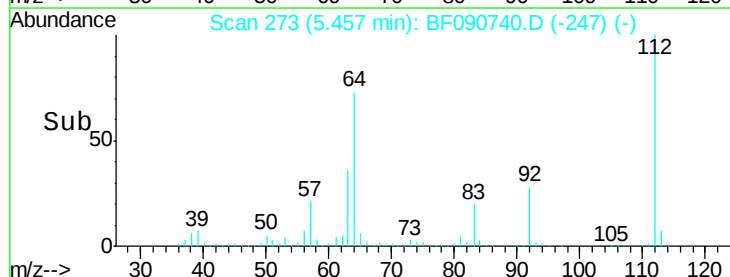
63 36.3 17.4 26.0#



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: 35.05 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090740.D

Acq: 22 Oct 2016 5:07

Instrument :

BNA_F

ClientSampleId :

MW-106D

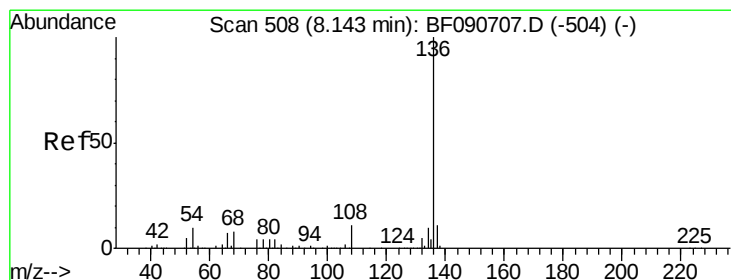
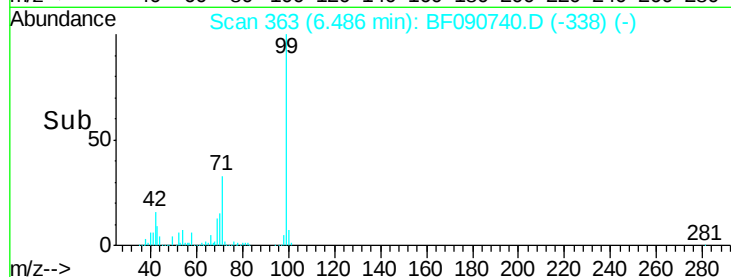
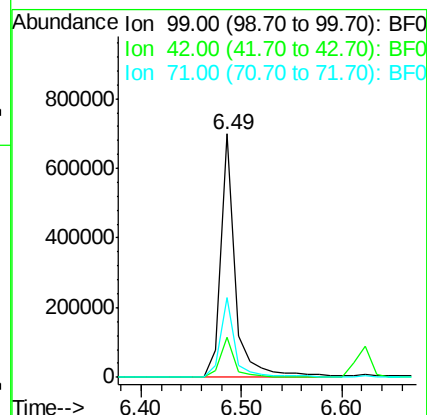
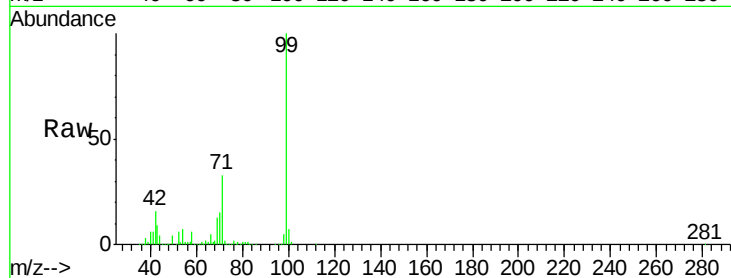
Tot Ion: 99 Resp: 709033

Ion Ratio Lower Upper

99 100

42 16.4 13.7 20.5

71 32.9 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: BF090740.D

Acq: 22 Oct 2016 5:07

Tgt Ion: 136 Resp: 1014801

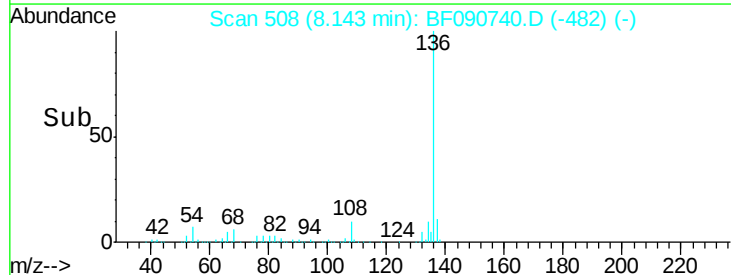
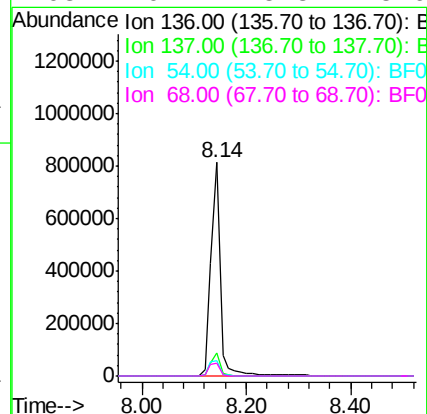
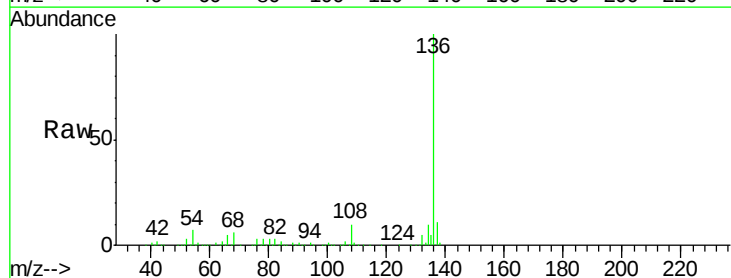
Ion Ratio Lower Upper

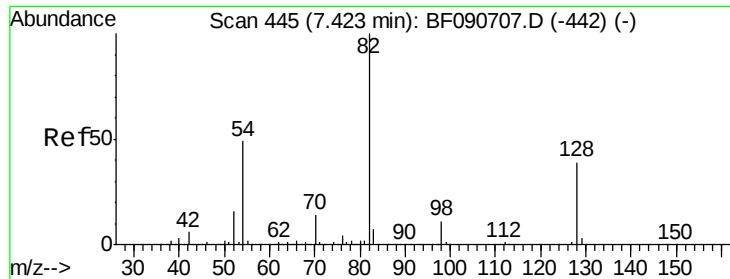
136 100

137 11.0 9.0 13.6

54 7.0 8.2 12.2#

68 6.2 5.8 8.6

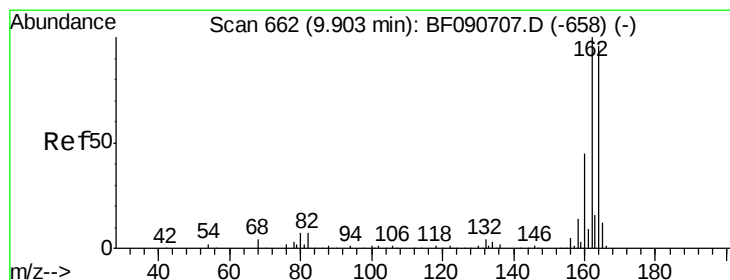
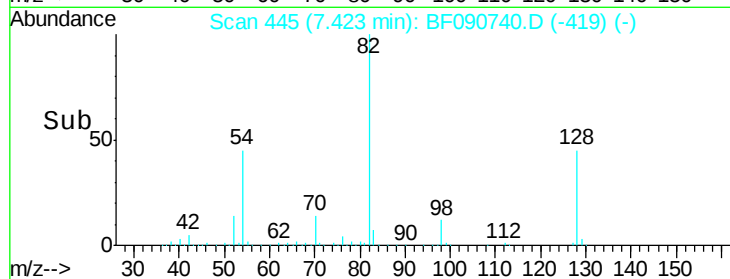
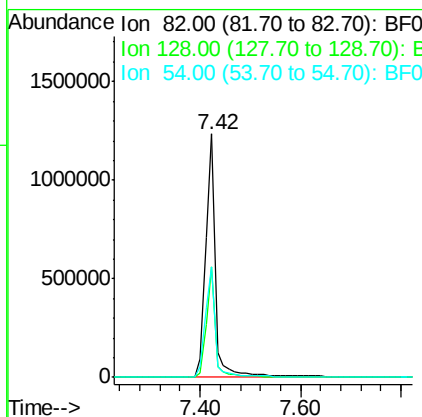
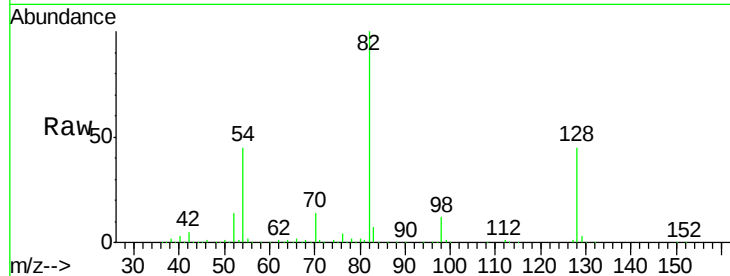




#23
Nitrobenzene-d5
Concen: 91.83 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090740.D
Acq: 22 Oct 2016 5:07

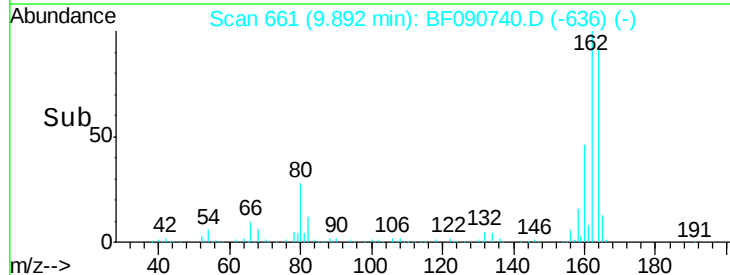
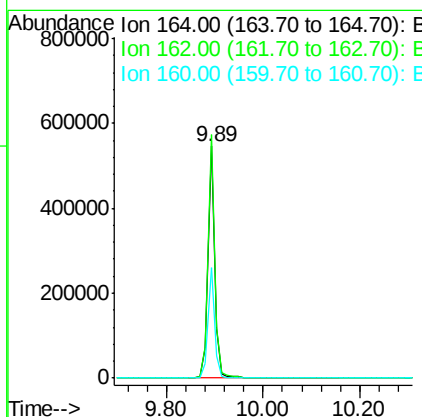
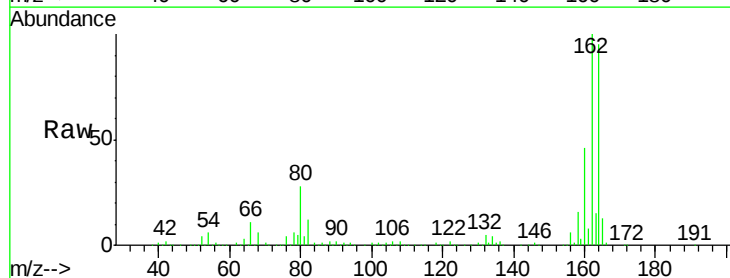
Instrument :
BNA_F
ClientSampleId :
MW-106D

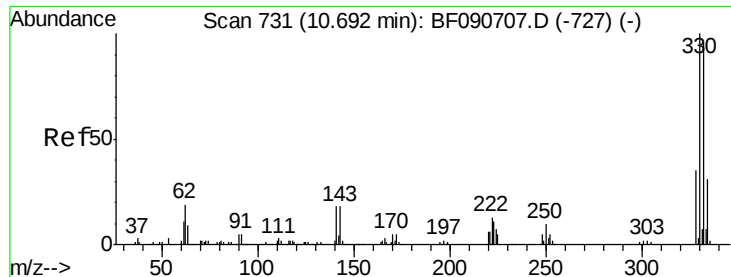
Tot Ion: 82 Resp: 1699026
Ion Ratio Lower Upper
82 100
128 45.4 51.0 76.6#
54 45.5 47.5 71.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090740.D
Acq: 22 Oct 2016 5:07

Tgt Ion:164 Resp: 529534
Ion Ratio Lower Upper
164 100
162 105.0 75.2 112.8
160 47.8 31.5 47.3#

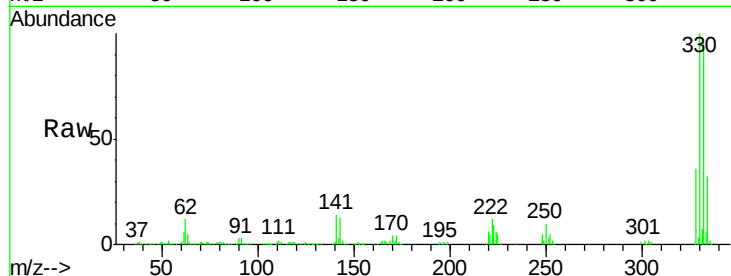




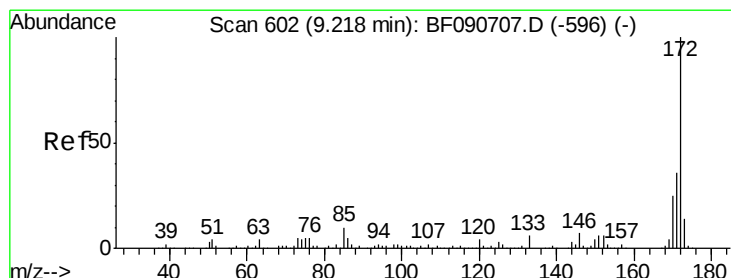
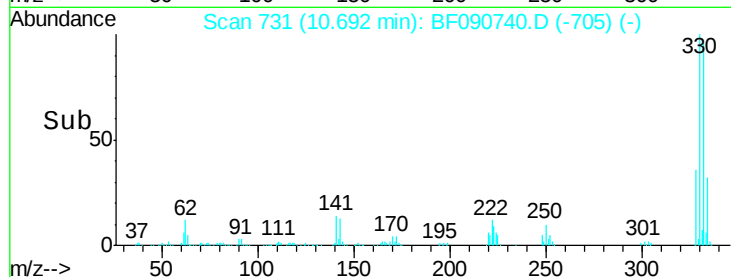
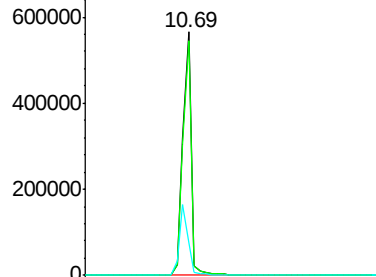
#41
 2,4,6-Tribromophenol
 Concen: 160.33 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090740.D
 Acq: 22 Oct 2016 5:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-106D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	31.0	29.7	44.5

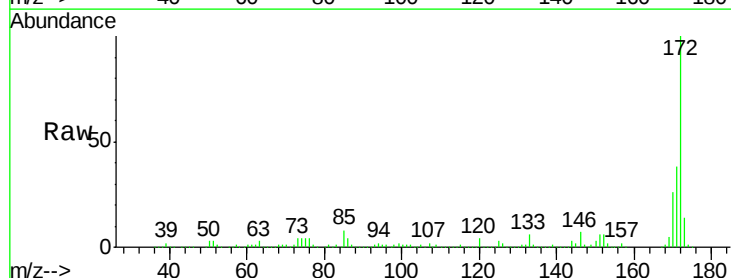


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

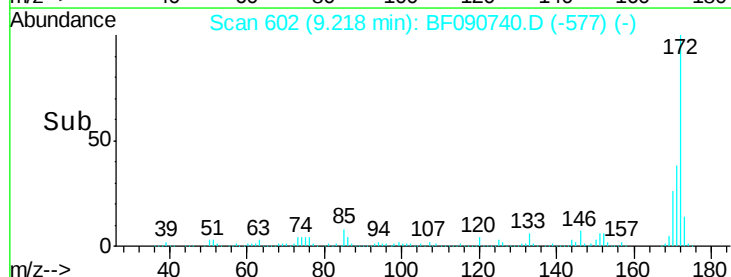
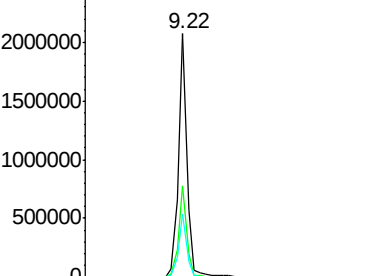


#44
 2-Fluorobiphenyl
 Concen: 72.27 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090740.D
 Acq: 22 Oct 2016 5:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.1	39.1
170	25.9	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: 4.28 ng

RT: 9.61 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF090740.D

Acq: 22 Oct 2016 5:07

Instrument :

BNA_F

ClientSampleId :

MW-106D

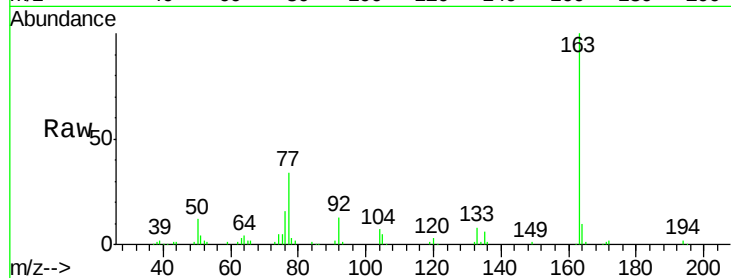
Tot Ion:163 Resp: 142377

Ion Ratio Lower Upper

163 100

194 2.5 4.4 6.6#

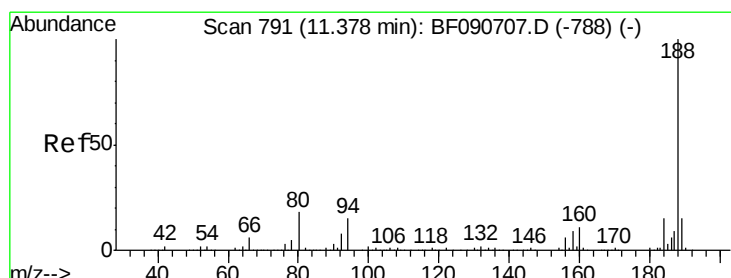
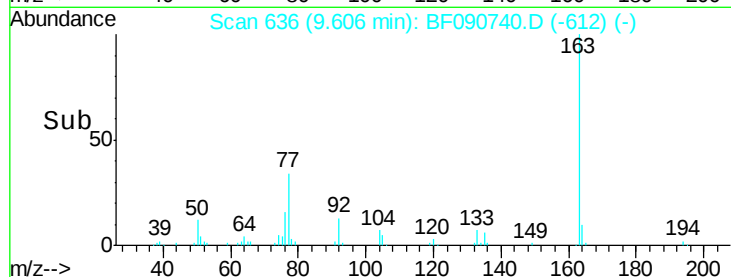
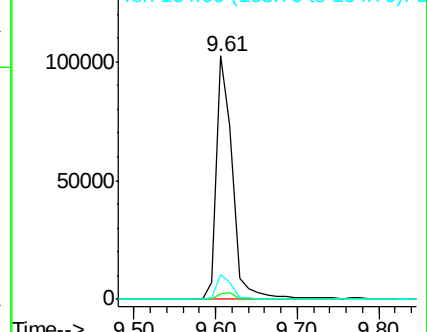
164 10.4 8.3 12.5



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: BF090740.D

Acq: 22 Oct 2016 5:07

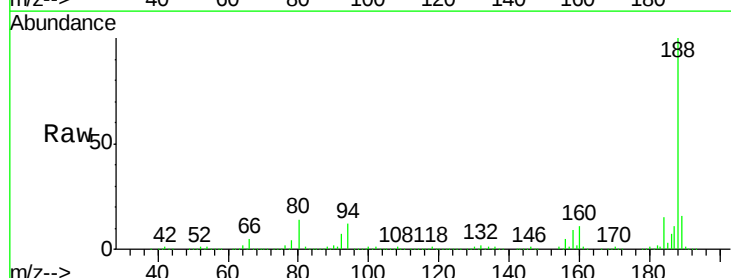
Tgt Ion:188 Resp: 844607

Ion Ratio Lower Upper

188 100

94 12.5 11.1 16.7

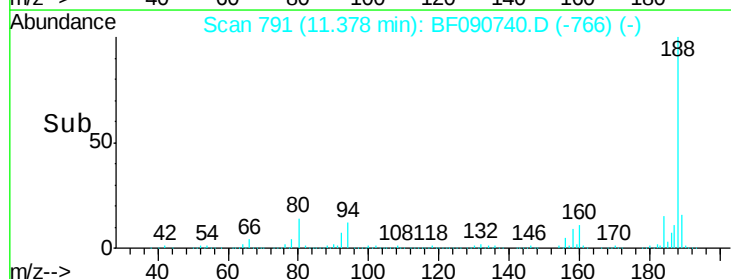
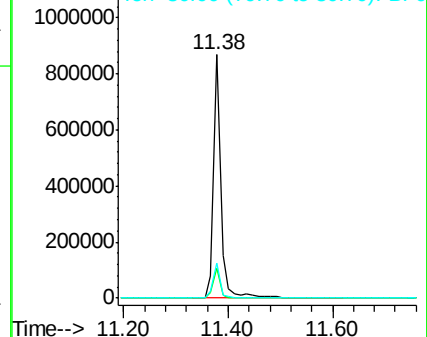
80 14.1 11.0 16.4



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: BF090740.D

Acq: 22 Oct 2016 5:07

Instrument :

BNA_F

ClientSampleId :

MW-106D

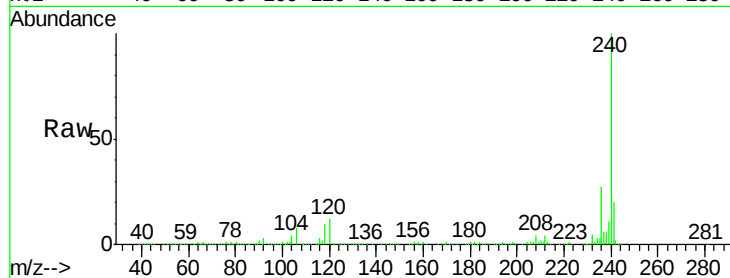
Tot Ion:240 Resp: 548341

Ion Ratio Lower Upper

240 100

120 11.6 16.2 24.2#

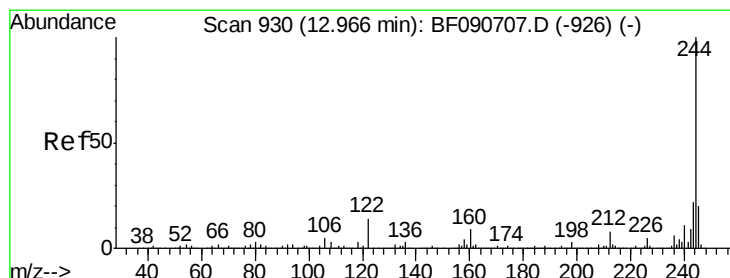
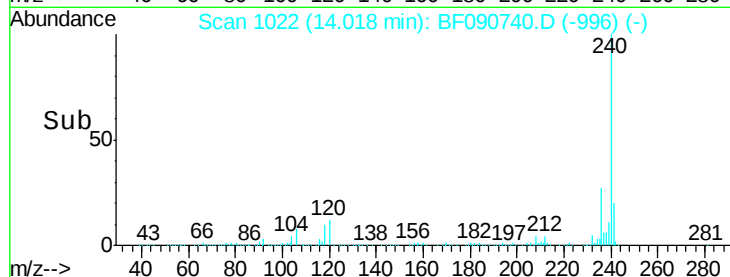
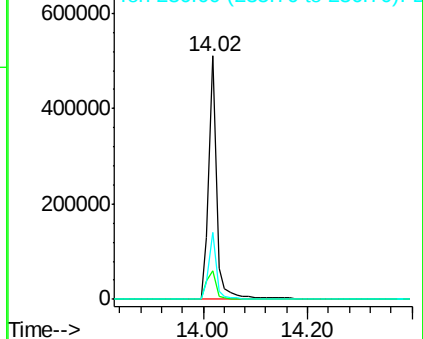
236 27.4 18.4 27.6



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: 103.73 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090740.D

Acq: 22 Oct 2016 5:07

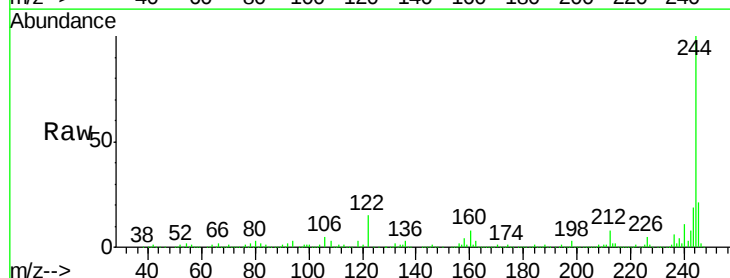
Tgt Ion:244 Resp: 2481861

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

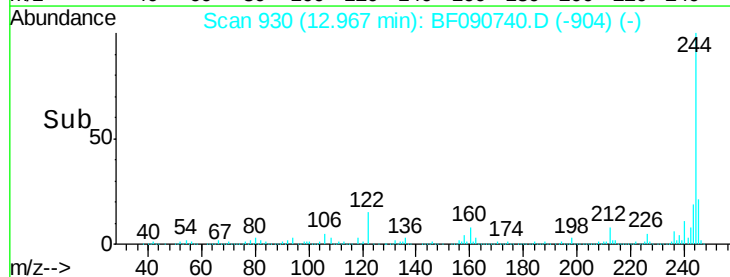
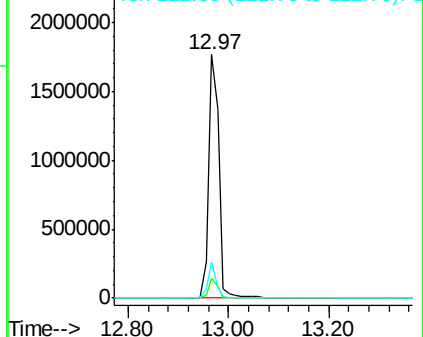
122 15.0 17.4 26.2#

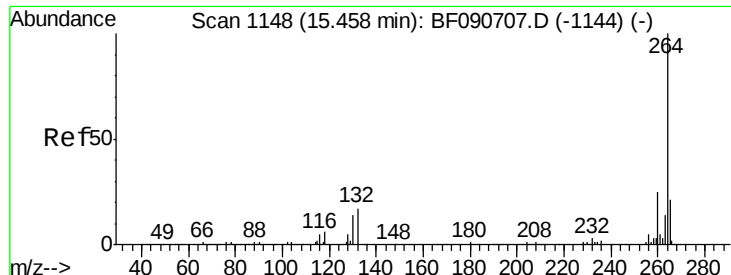


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

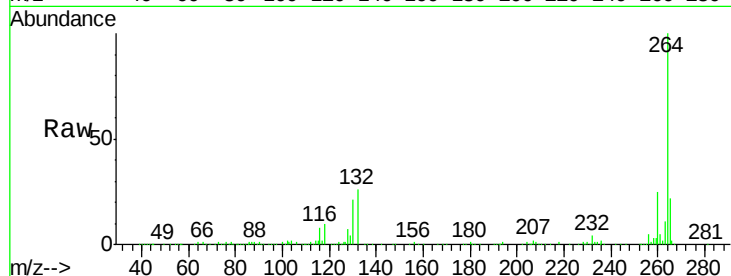




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090740.D
Acq: 22 Oct 2016 5:07

Instrument :
BNA_F
ClientSampleId :
MW-106D

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	16.7	25.1#
265	22.0	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

