

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
 Data File : BF090869.D
 Acq On : 27 Oct 2016 12:58
 Operator : UM/SJ
 Sample : H5308-25 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

Quant Time: Oct 27 17:06:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 16:56:20 2016
 Response via : Initial Calibration

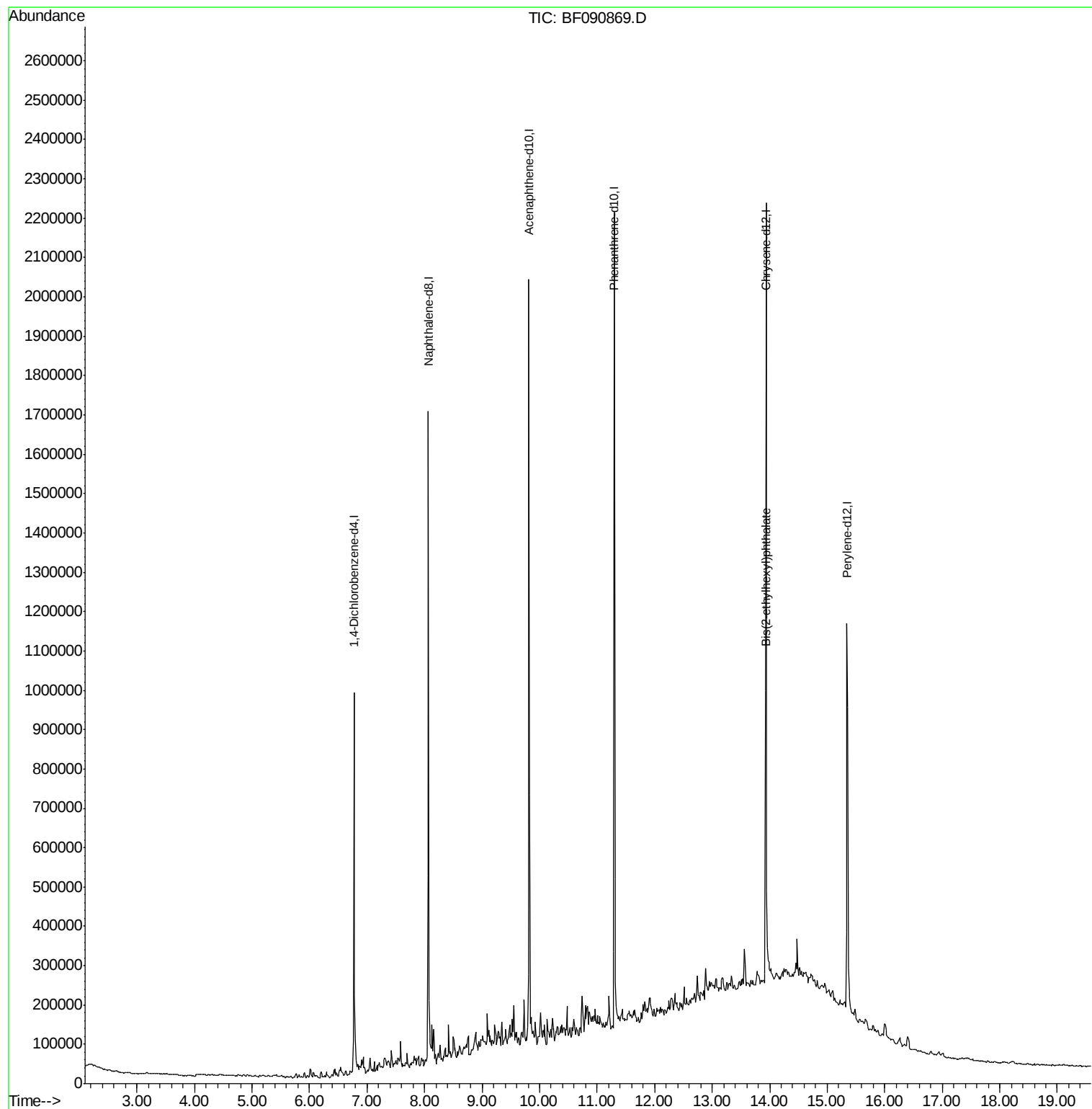
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	170890	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	817331	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	421508	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	749872	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	682341	20.00	ng	-0.01
86) Perylene-d12	15.35	264	514452	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	3535	0.36	ng	0.00
7) Phenol-d6	6.43	99	7871	0.60	ng	0.01
23) Nitrobenzene-d5	7.36	82	2371	0.19	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	1804	0.42	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	14369	0.60	ng	-0.01
78) Terphenyl-d14	12.89	244	15421	0.57	ng	-0.01
Target Compounds						Qvalue
83) Bis(2-ethylhexyl)phthalate	13.93	149	66188	2.59	ng	# 89

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF090869.D

Acq: 27 Oct 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-104S

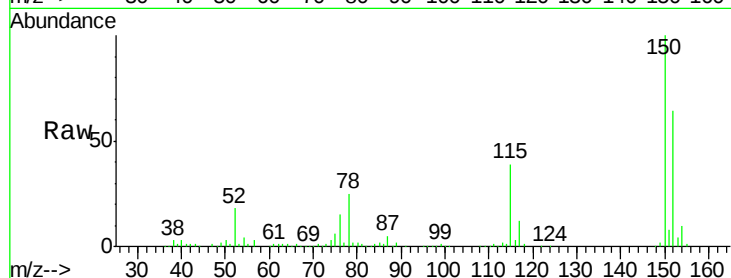
Tot Ion:152 Resp: 170890

Ion Ratio Lower Upper

152 100

150 155.5 124.7 187.1

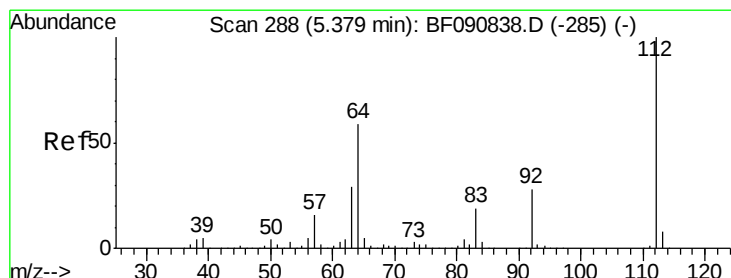
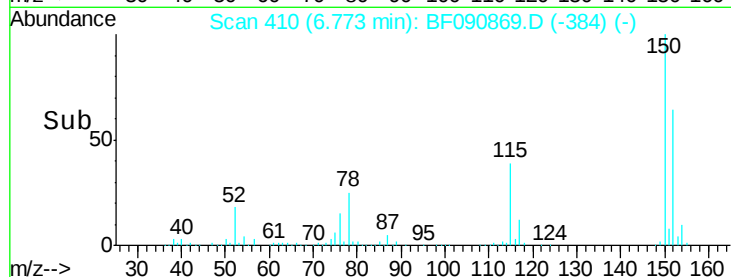
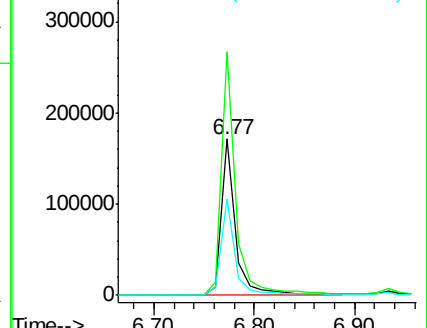
115 61.4 39.0 58.4#



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: 0.36 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF090869.D

Acq: 27 Oct 2016 12:58

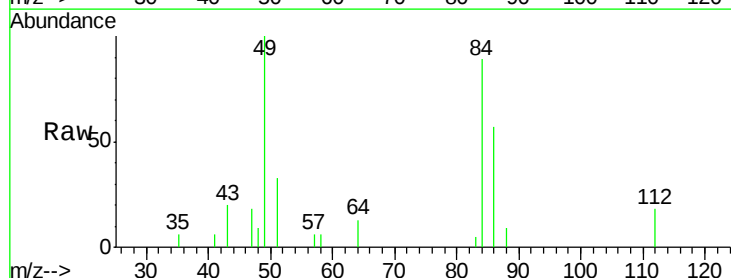
Tgt Ion:112 Resp: 3535

Ion Ratio Lower Upper

112 100

64 72.3 39.7 59.5#

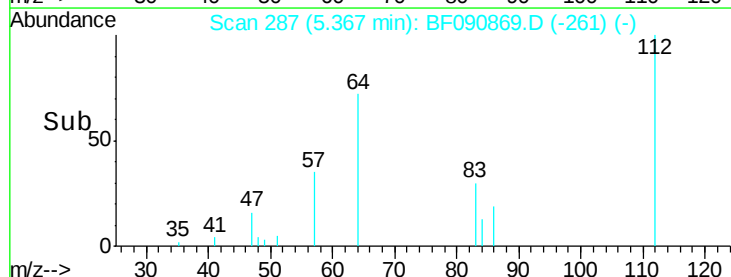
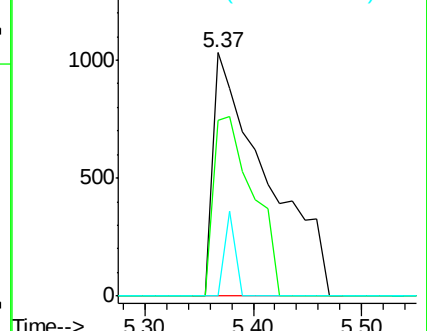
63 0.0 17.4 26.0#

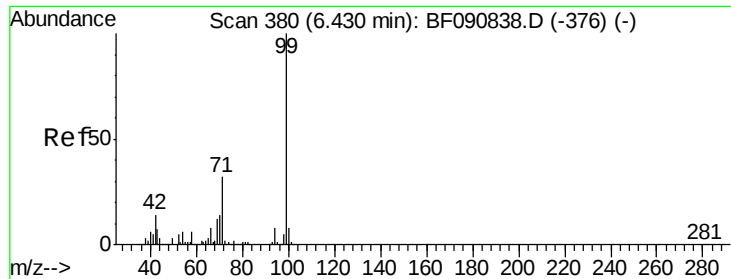


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.60 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF090869.D

Acq: 27 Oct 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-104S

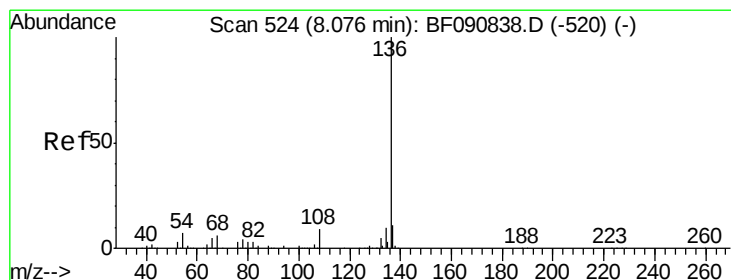
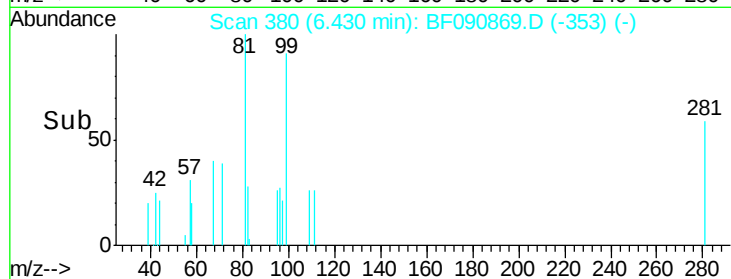
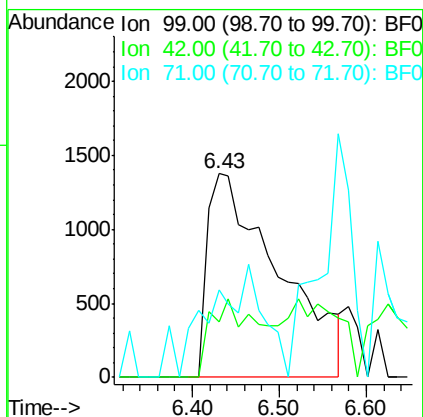
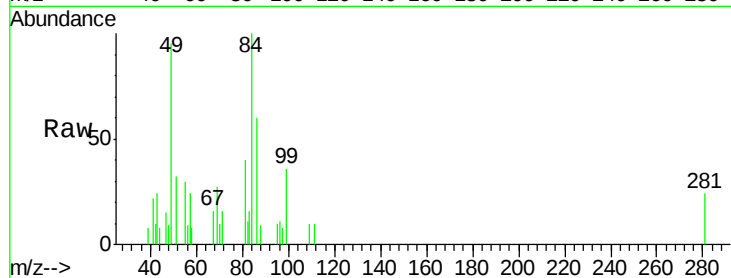
Tot Ion: 99 Resp: 7871

Ion Ratio Lower Upper

99 100

42 27.6 13.7 20.5#

71 43.0 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090869.D

Acq: 27 Oct 2016 12:58

Tgt Ion: 136 Resp: 817331

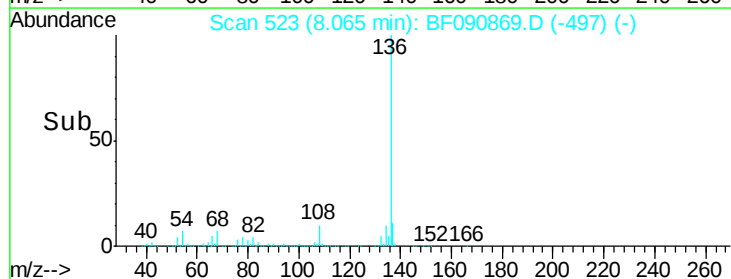
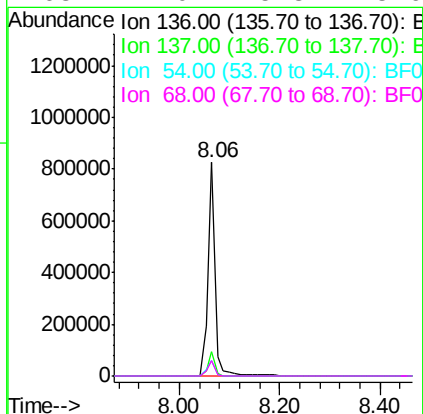
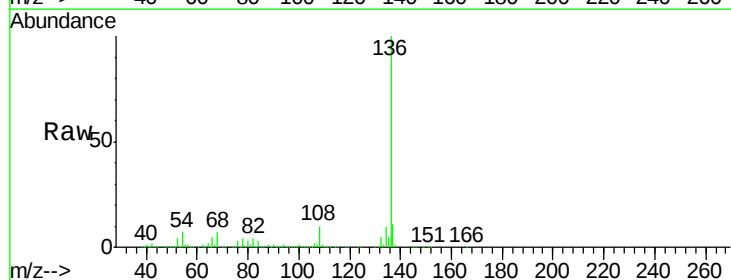
Ion Ratio Lower Upper

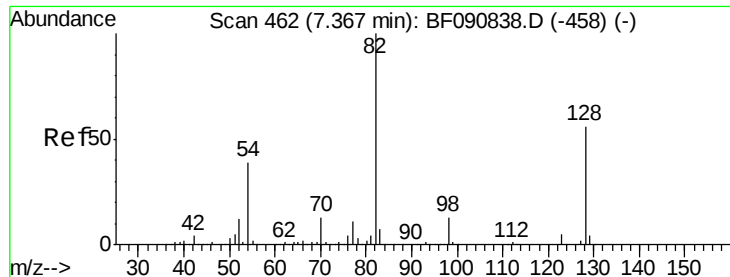
136 100

137 11.2 9.0 13.6

54 7.5 8.2 12.2#

68 7.0 5.8 8.6





#23

Nitrobenzene-d5

Concen: 0.19 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF090869.D

Acq: 27 Oct 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-104S

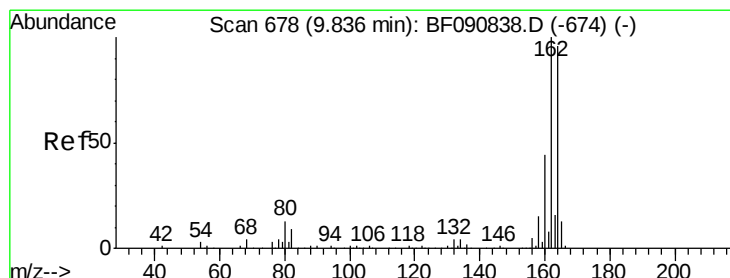
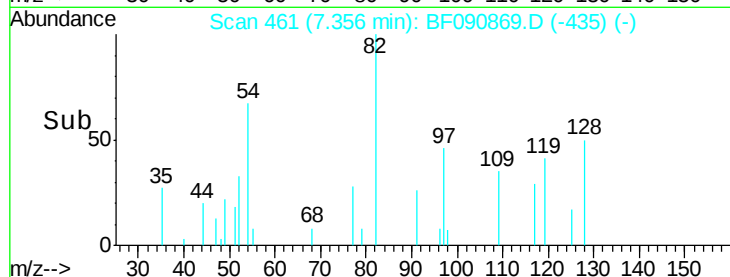
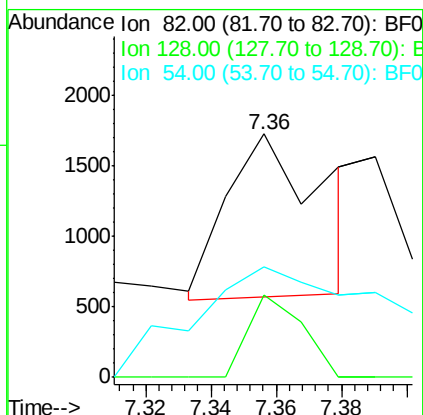
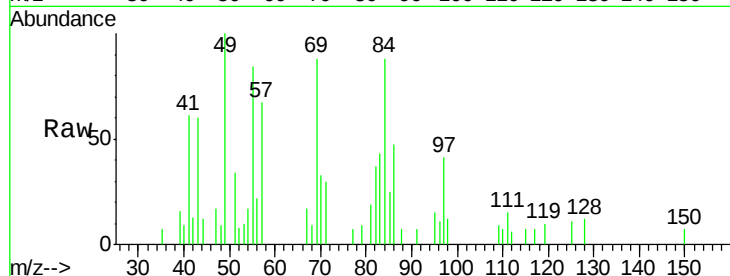
Tot Ion: 82 Resp: 2371

Ion Ratio Lower Upper

82 100

128 33.8 51.0 76.6#

54 45.3 47.5 71.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF090869.D

Acq: 27 Oct 2016 12:58

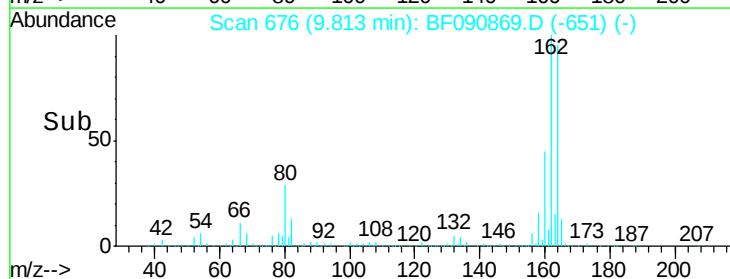
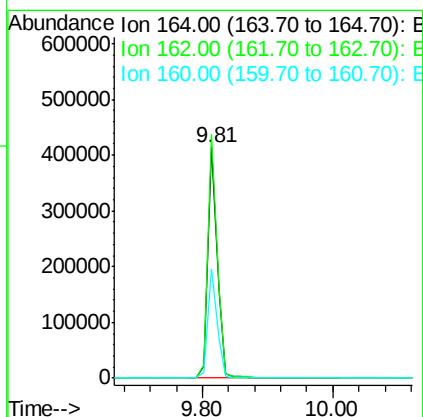
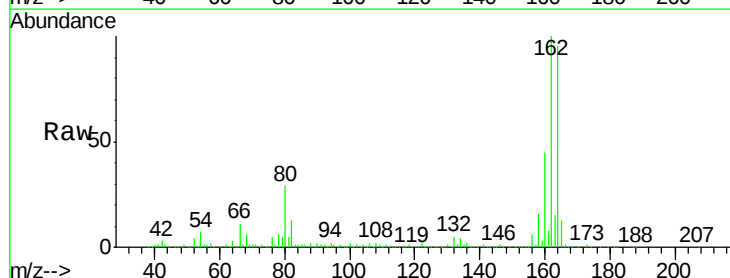
Tgt Ion:164 Resp: 421508

Ion Ratio Lower Upper

164 100

162 105.6 75.2 112.8

160 47.5 31.5 47.3#

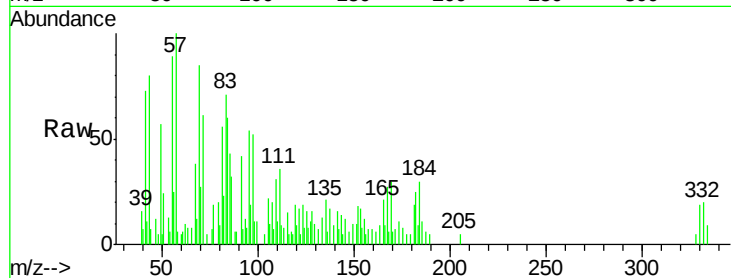




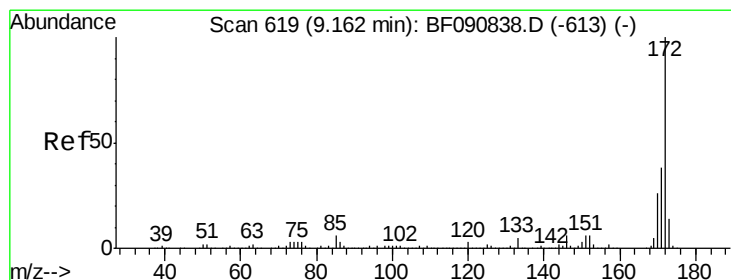
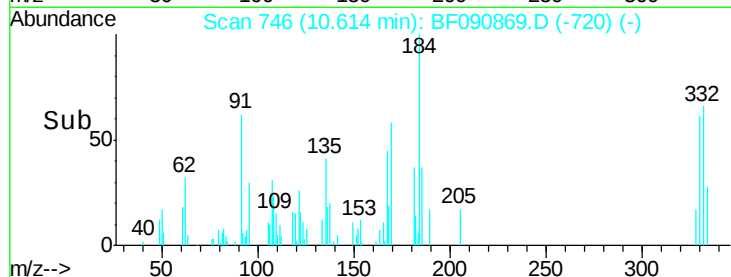
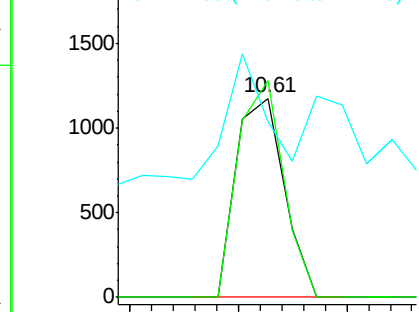
#41
 2,4,6-Tribromophenol
 Concen: 0.42 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF090869.D
 Acq: 27 Oct 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-104S

Tot Ion:330 Resp: 1804
 Ion Ratio Lower Upper
 330 100
 332 103.4 76.6 114.8
 141 50.1 29.7 44.5#

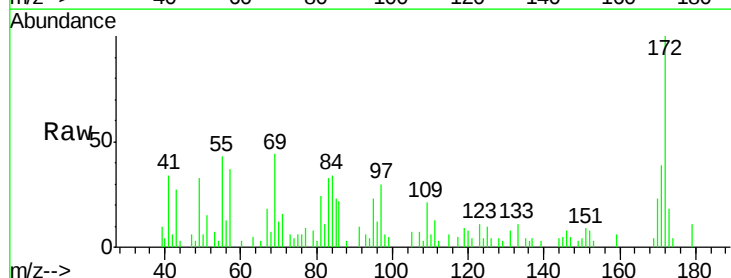


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

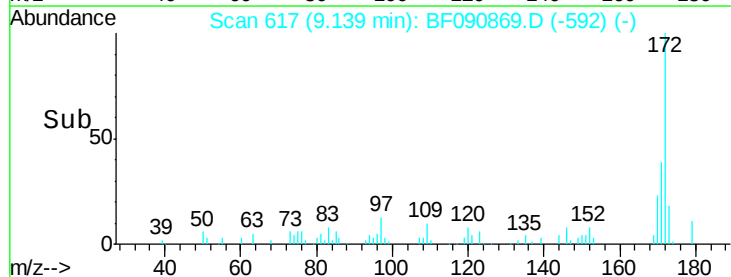
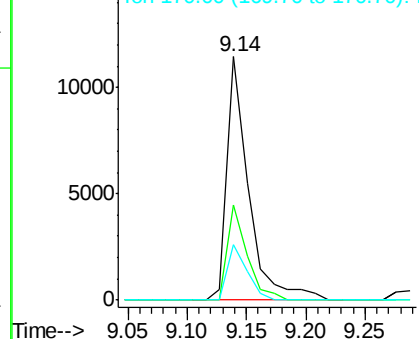


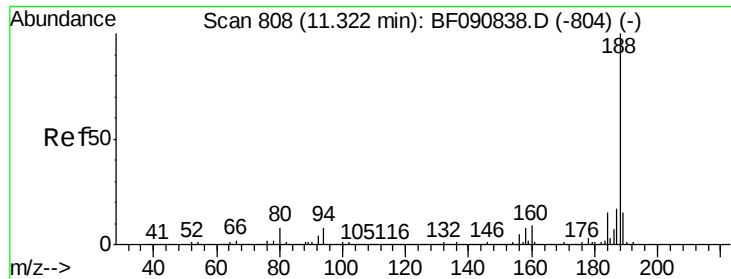
#44
 2-Fluorobiphenyl
 Concen: 0.60 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF090869.D
 Acq: 27 Oct 2016 12:58

Tgt Ion:172 Resp: 14369
 Ion Ratio Lower Upper
 172 100
 171 38.9 26.1 39.1
 170 22.8 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

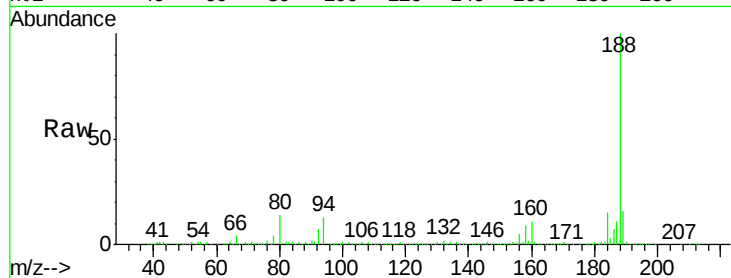




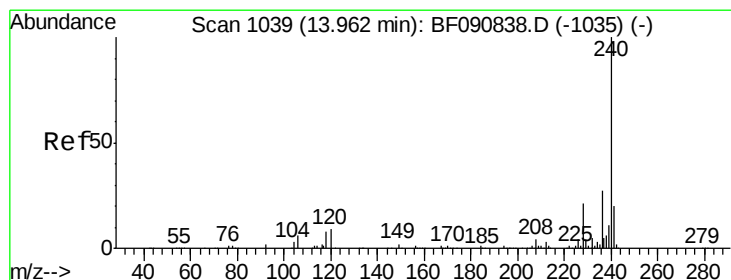
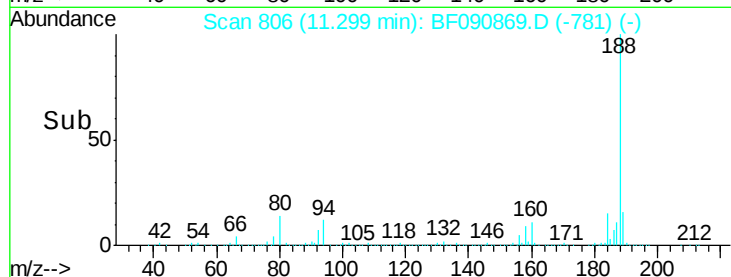
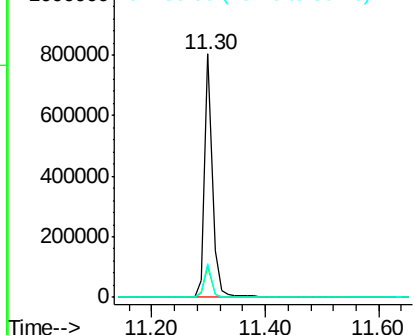
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF090869.D
Acq: 27 Oct 2016 12:58

Instrument :
BNA_F
ClientSampled :
MW-104S

Tot Ion:188 Resp: 749872
Ion Ratio Lower Upper
188 100
94 12.6 11.1 16.7
80 14.1 11.0 16.4

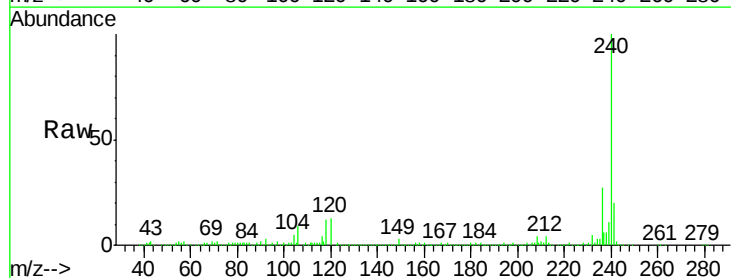


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

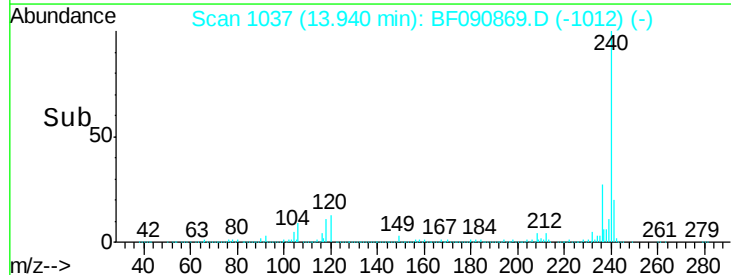
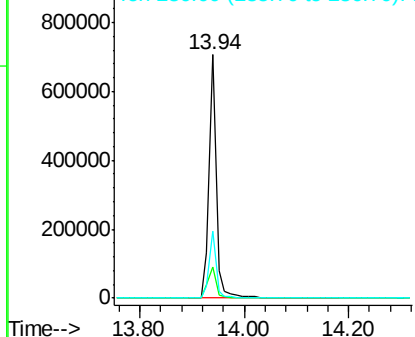


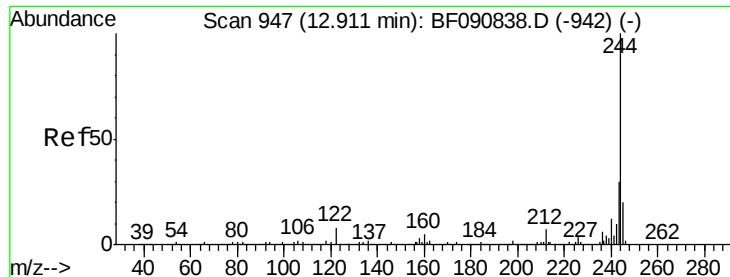
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090869.D
Acq: 27 Oct 2016 12:58

Tgt Ion:240 Resp: 682341
Ion Ratio Lower Upper
240 100
120 12.6 16.2 24.2#
236 27.5 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: 0.57 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF090869.D

Acq: 27 Oct 2016 12:58

Instrument :

BNA_F

ClientSampleId :

MW-104S

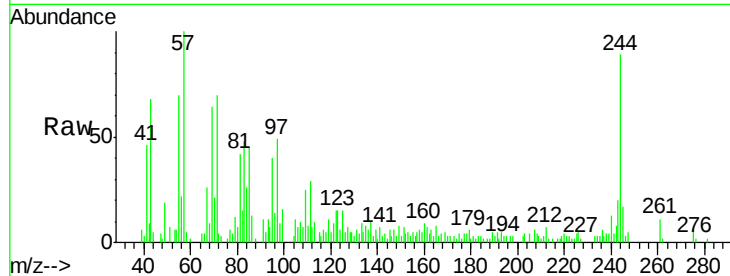
Tot Ion:244 Resp: 15421

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

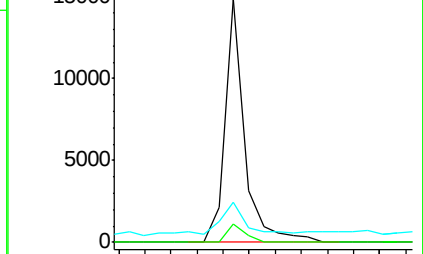
122 16.6 17.4 26.2#



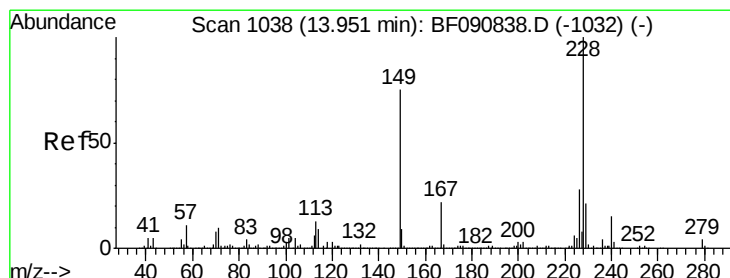
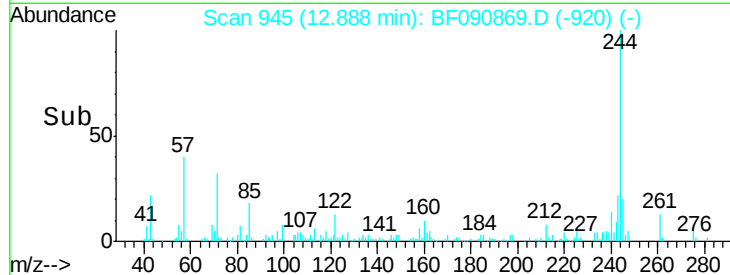
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.59 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090869.D

Acq: 27 Oct 2016 12:58

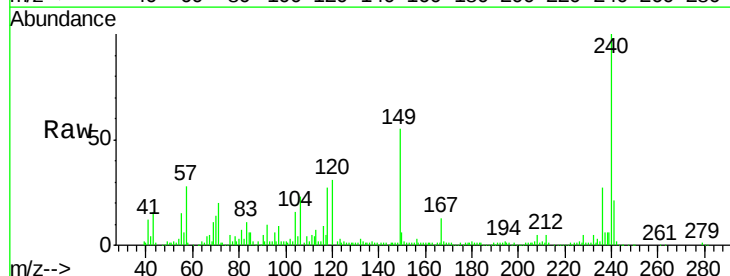
Tgt Ion:149 Resp: 66188

Ion Ratio Lower Upper

149 100

167 24.1 24.2 36.2#

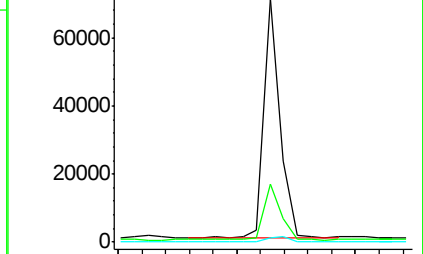
279 1.5 3.8 5.6#



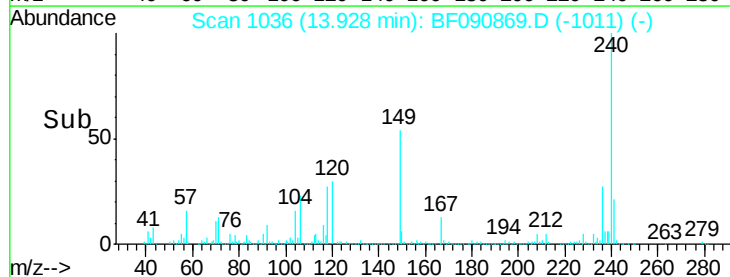
Abundance Ion 149.00 (148.70 to 149.70): E

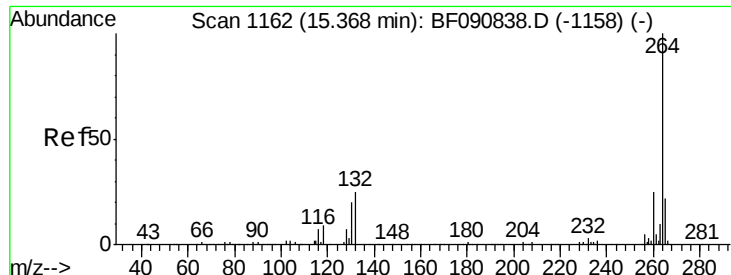
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 13.80 13.90 14.00

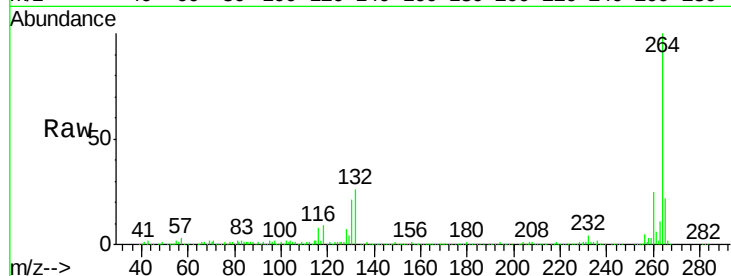




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF090869.D
Acq: 27 Oct 2016 12:58

Instrument :
BNA_F
ClientSampleId :
MW-104S

Tot Ion:264 Resp: 514452
Ion Ratio Lower Upper
264 100
260 25.2 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

