

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087009.D
 Acq On : 14 May 2016 9:55
 Operator : UM/SJ
 Sample : H2947-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: May 16 01:36:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 01:11:12 2016
 Response via : Initial Calibration

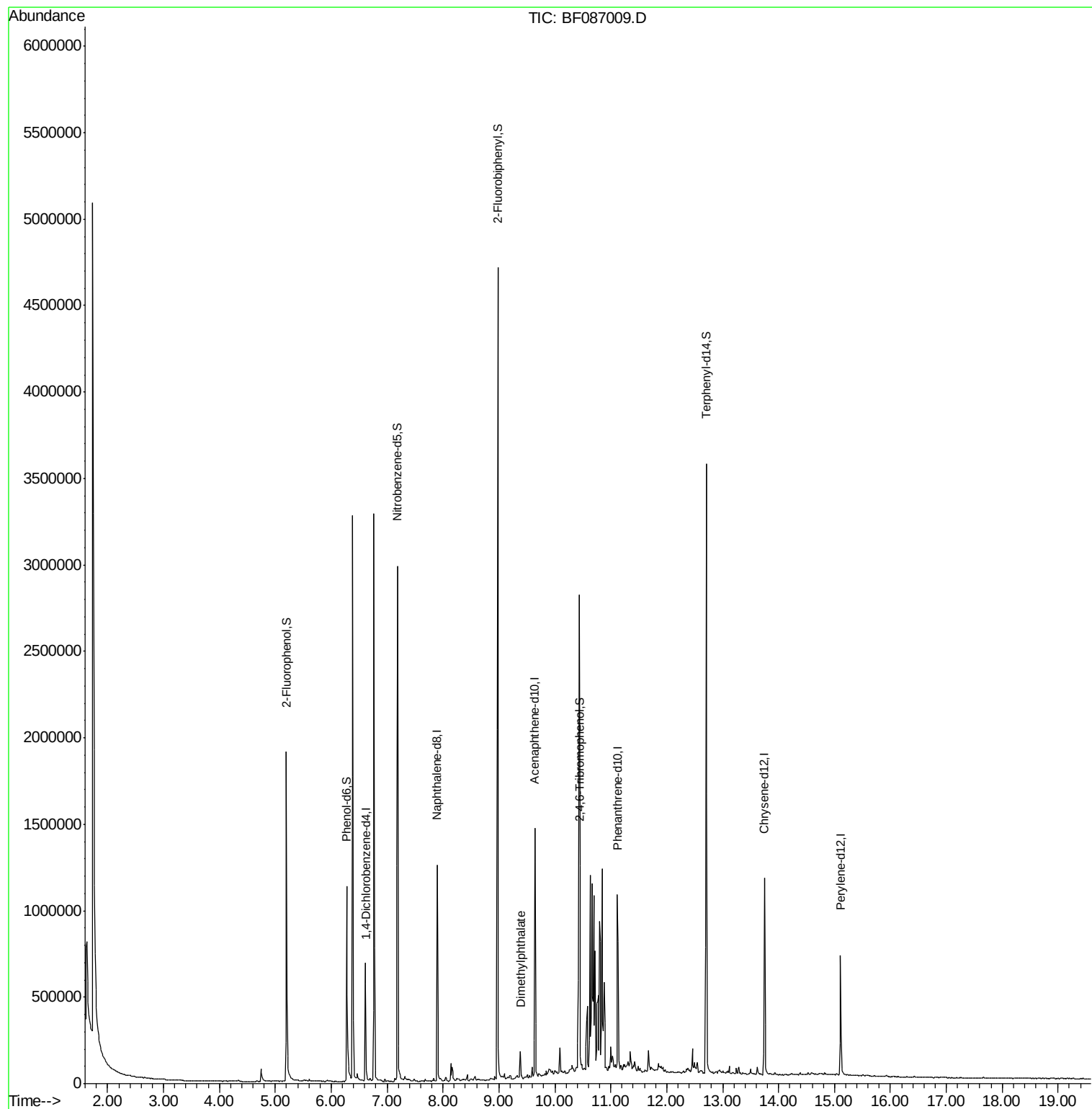
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	132164	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	548326	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	269007	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	472233	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	372548	20.00	ng	-0.01
86) Perylene-d12	15.11	264	283276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	510644	65.43	ng	0.00
7) Phenol-d6	6.27	99	441884	42.37	ng	-0.01
23) Nitrobenzene-d5	7.19	82	995283	91.14	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	371882	130.58	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1516649	94.75	ng	0.00
78) Terphenyl-d14	12.71	244	1283795	73.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.38	163	56439	2.75	ng	Qvalue 99

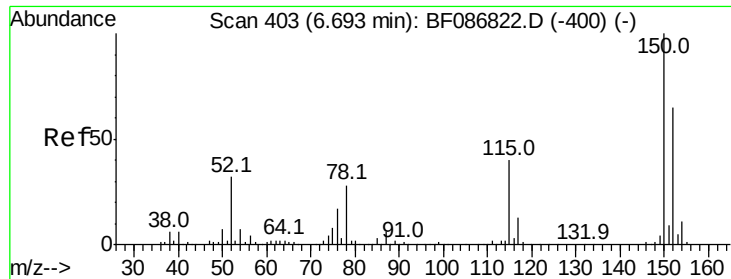
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF087009.D

Acq: 14 May 2016 9:55

Instrument :

BNA_F

ClientSampleId :

MW-13

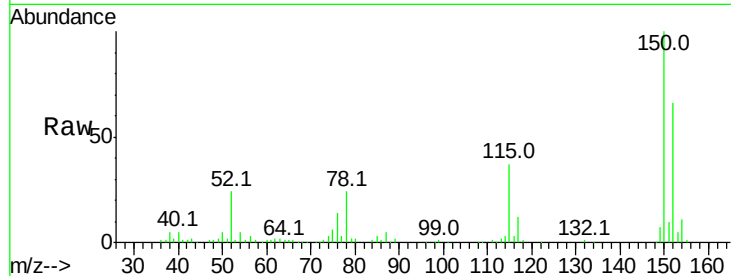
Tot Ion:152 Resp: 132164

Ion Ratio Lower Upper

152 100

150 151.5 125.8 188.6

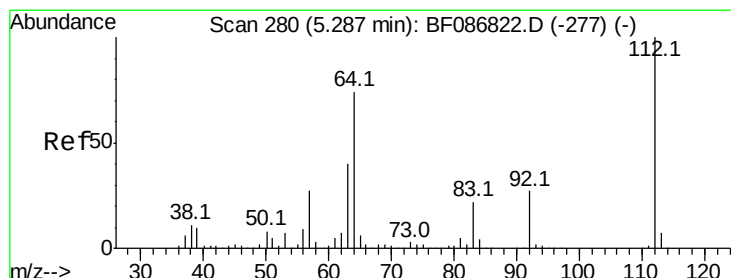
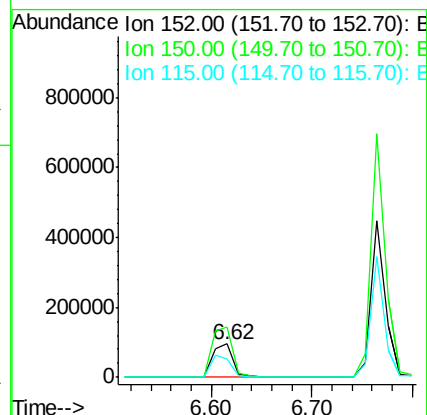
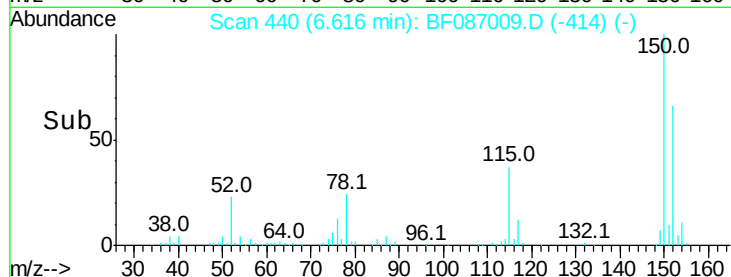
115 55.7 51.5 77.3



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: 65.43 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF087009.D

Acq: 14 May 2016 9:55

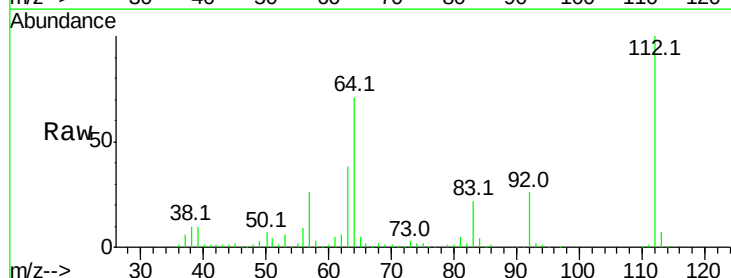
Tgt Ion:112 Resp: 510644

Ion Ratio Lower Upper

112 100

64 70.7 52.1 78.1

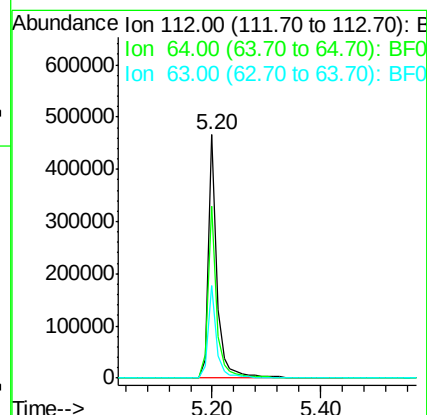
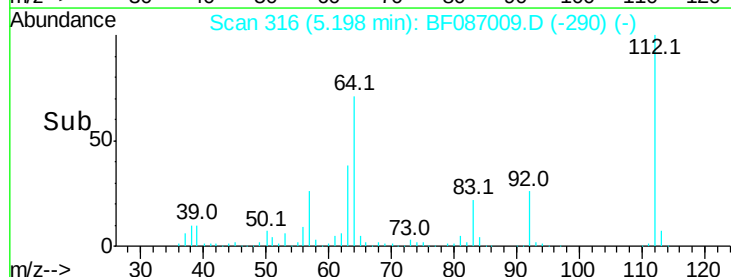
63 38.2 25.7 38.5

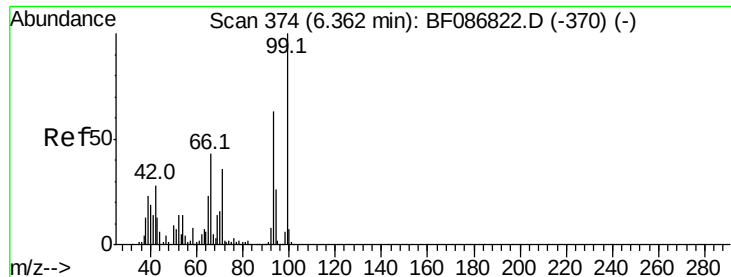


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.37 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087009.D

Acq: 14 May 2016 9:55

Instrument :

BNA_F

ClientSampleId :

MW-13

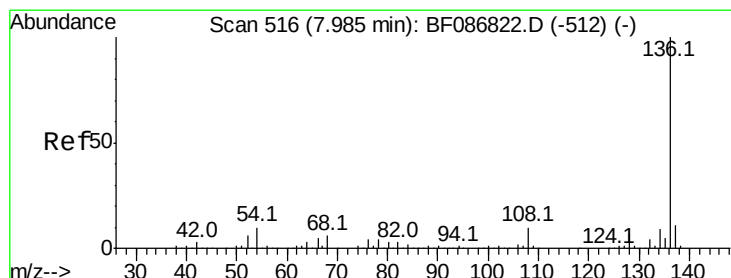
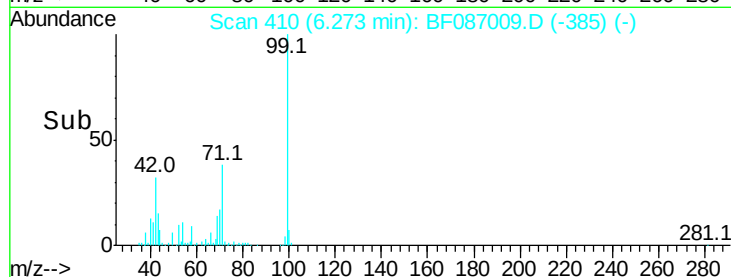
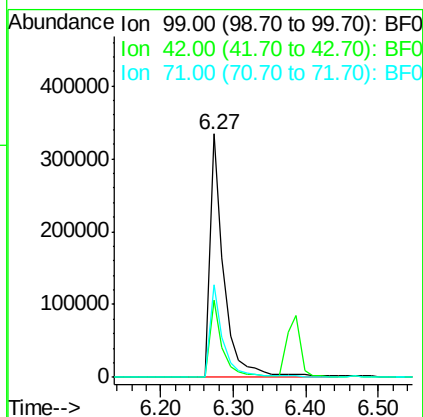
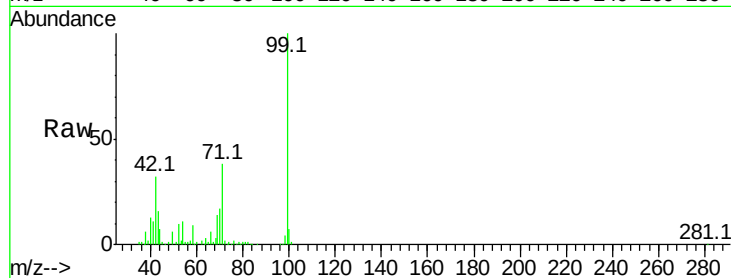
Tot Ion: 99 Resp: 441884

Ion Ratio Lower Upper

99 100

42 31.8 13.6 20.4#

71 38.1 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087009.D

Acq: 14 May 2016 9:55

Tgt Ion: 136 Resp: 548326

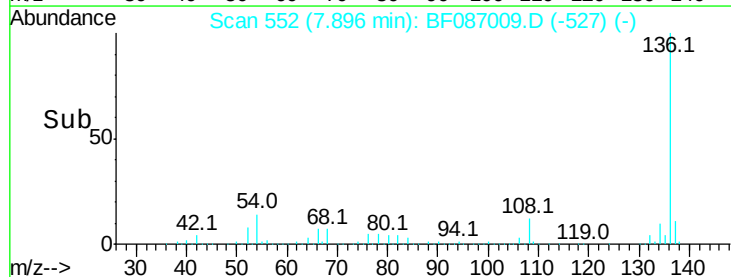
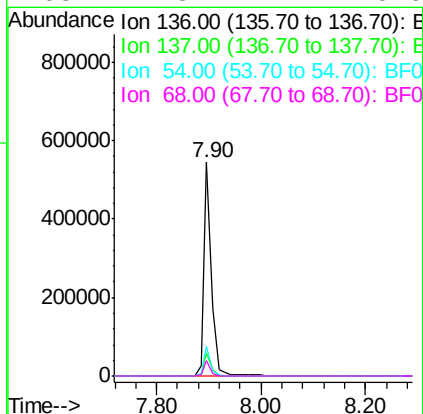
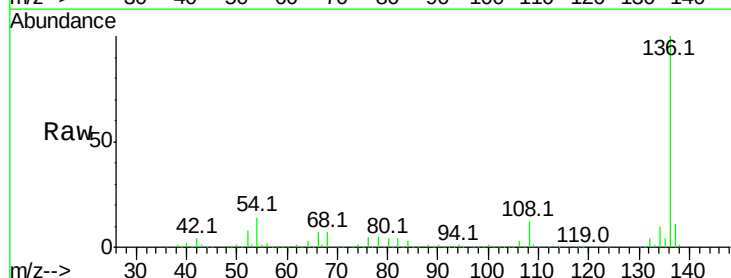
Ion Ratio Lower Upper

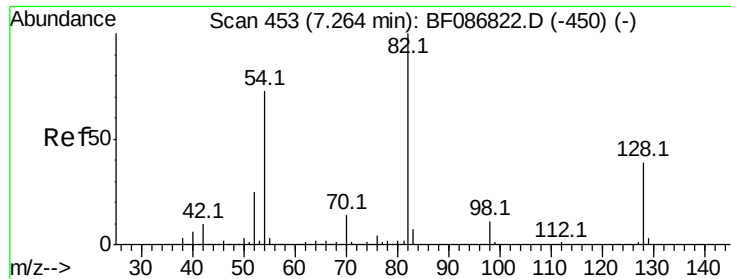
136 100

137 11.0 8.8 13.2

54 13.6 5.0 7.4#

68 7.3 4.4 6.6#

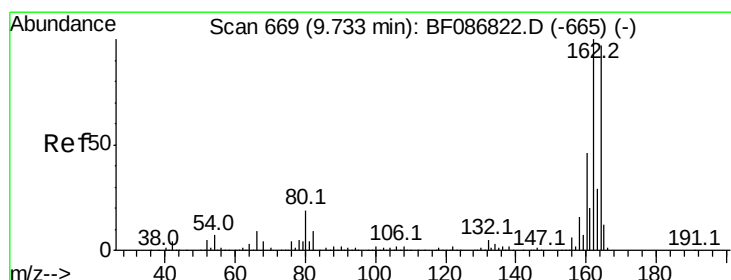
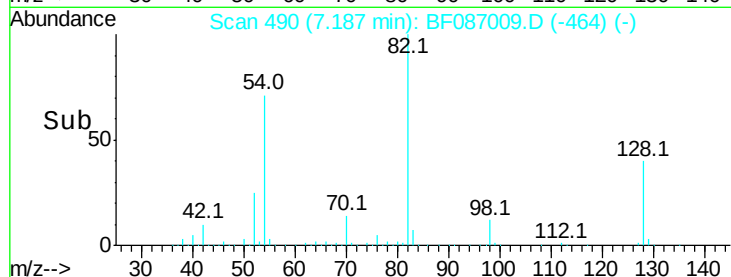
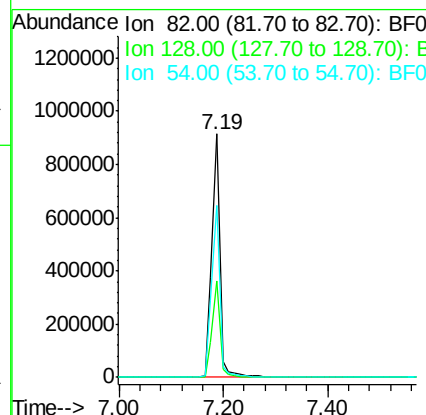
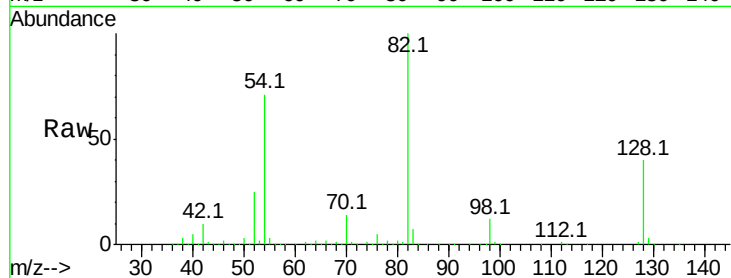




#23
 Nitrobenzene-d5
 Concen: 91.14 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF087009.D
 Acq: 14 May 2016 9:55

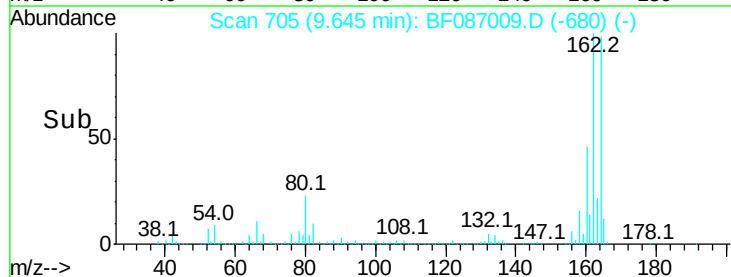
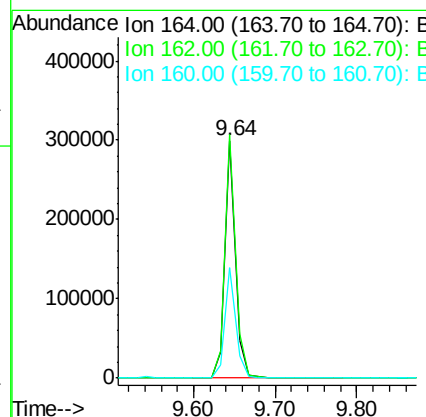
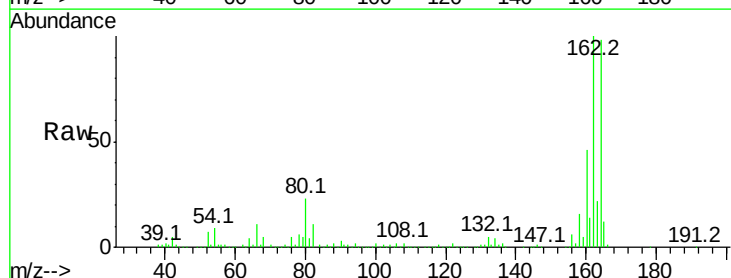
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

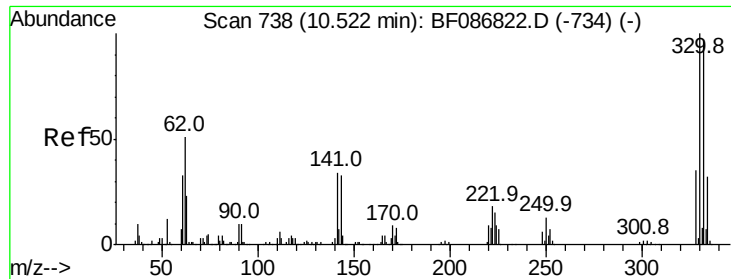
Tot Ion: 82 Resp: 995283
 Ion Ratio Lower Upper
 82 100
 128 39.8 40.6 61.0#
 54 70.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087009.D
 Acq: 14 May 2016 9:55

Tgt Ion: 164 Resp: 269007
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.8 124.2
 160 46.7 36.9 55.3

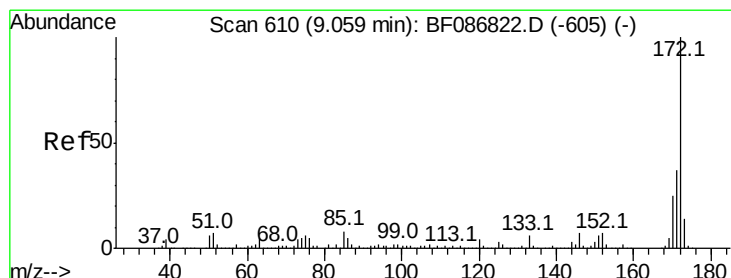
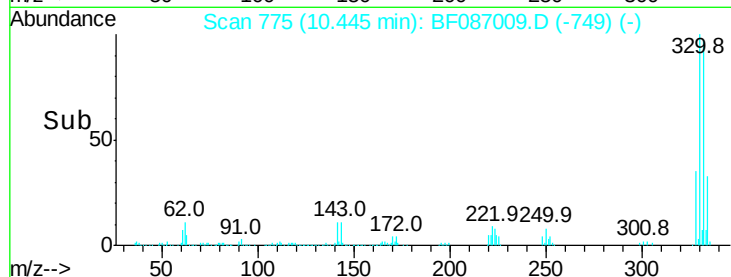
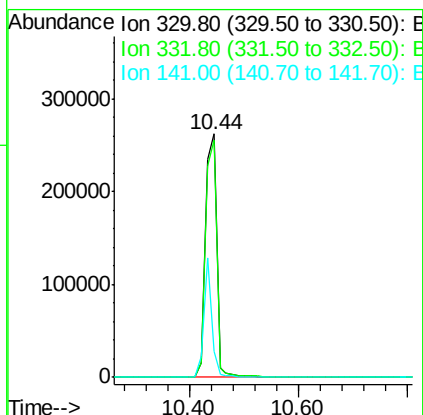
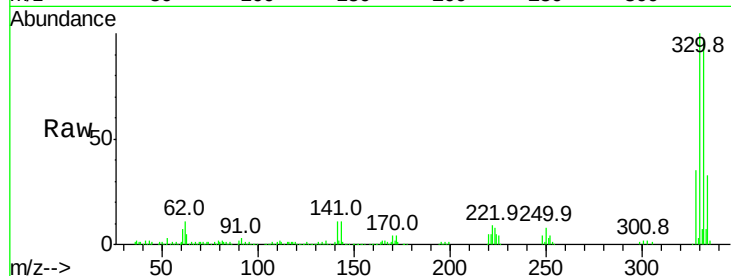




#41
 2,4,6-Tribromophenol
 Concen: 130.58 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF087009.D
 Acq: 14 May 2016 9:55

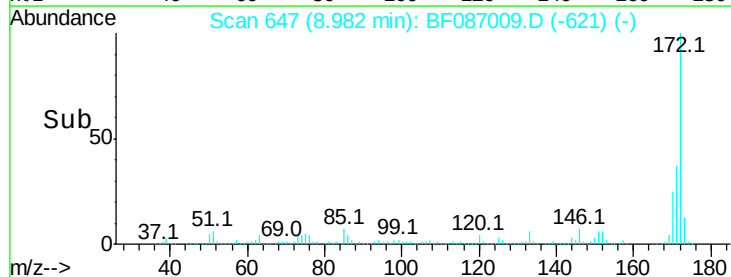
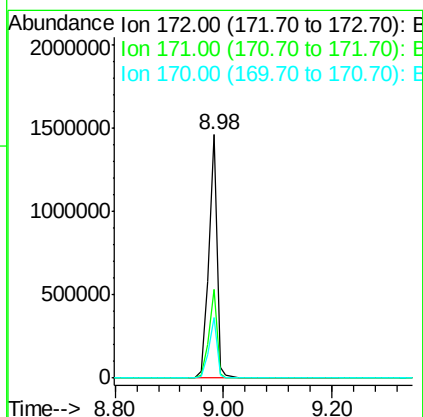
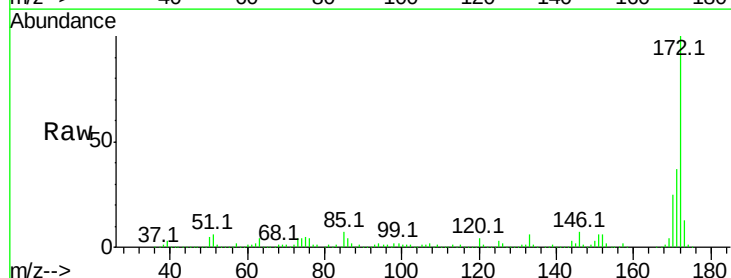
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

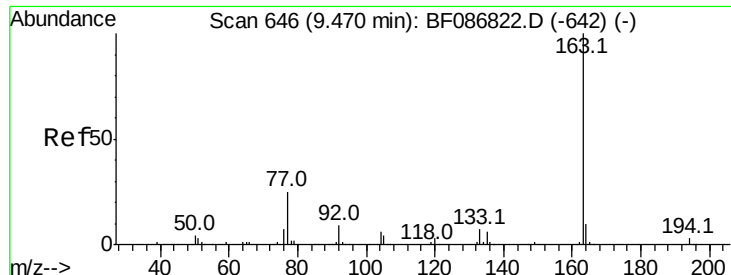
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	35.0	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 94.75 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF087009.D
 Acq: 14 May 2016 9:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.8	19.8	29.8





#49

Dimethylphthalate

Concen: 2.75 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF087009.D

Acq: 14 May 2016 9:55

Instrument :

BNA_F

ClientSampleId :

MW-13

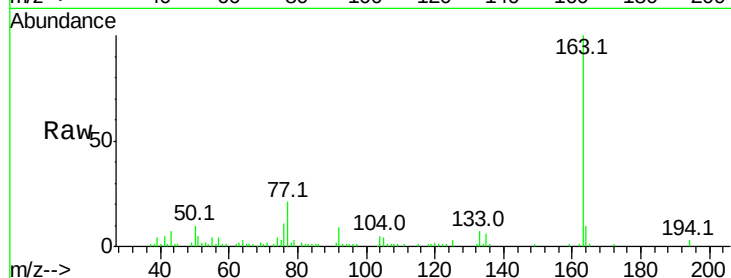
Tot Ion:163 Resp: 56439

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

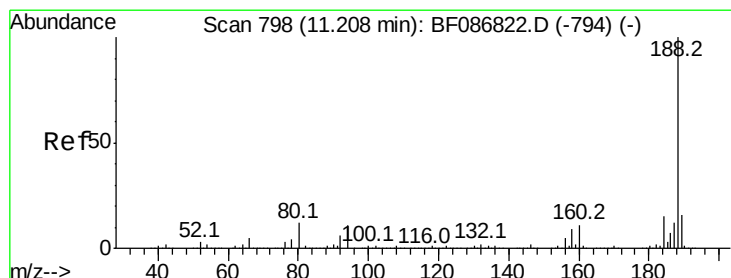
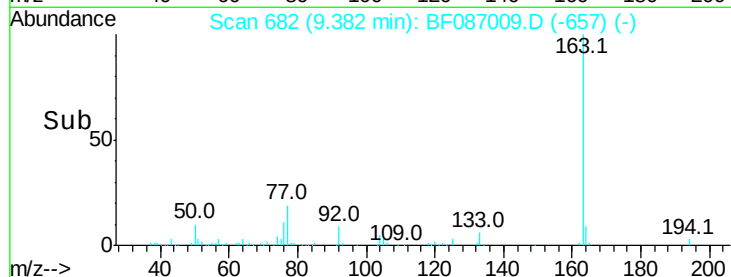
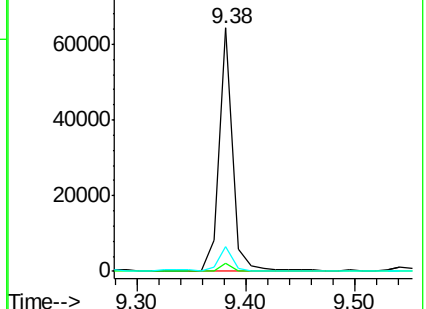
164 10.0 8.2 12.4



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: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF087009.D

Acq: 14 May 2016 9:55

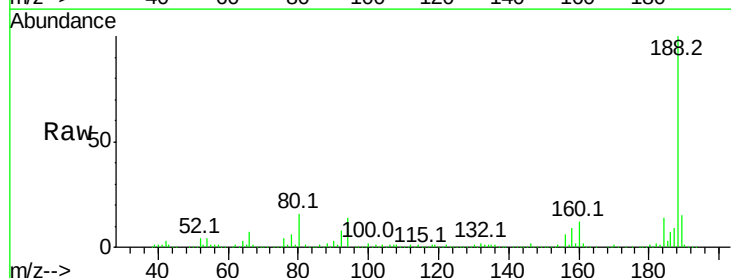
Tgt Ion:188 Resp: 472233

Ion Ratio Lower Upper

188 100

94 14.1 6.8 10.2#

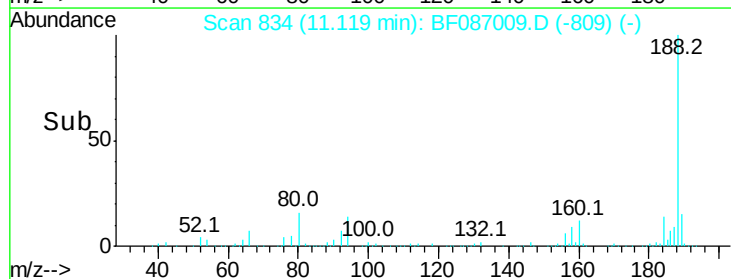
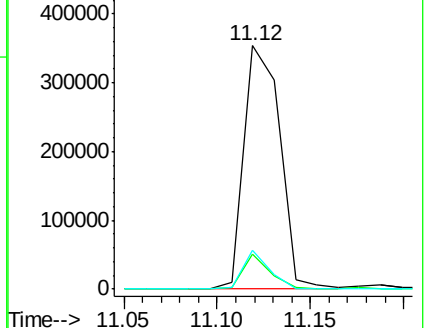
80 16.1 7.1 10.7#

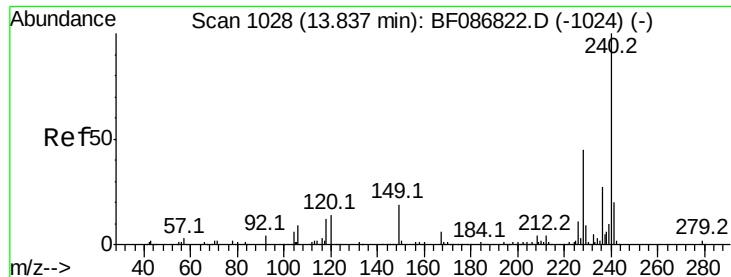


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087009.D

Acq: 14 May 2016 9:55

Instrument :

BNA_F

ClientSampleId :

MW-13

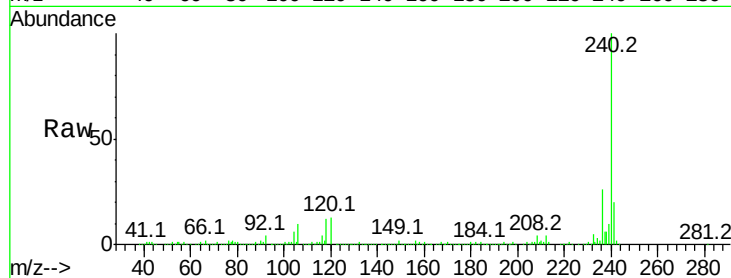
Tot Ion:240 Resp: 372548

Ion Ratio Lower Upper

240 100

120 13.4 11.2 16.8

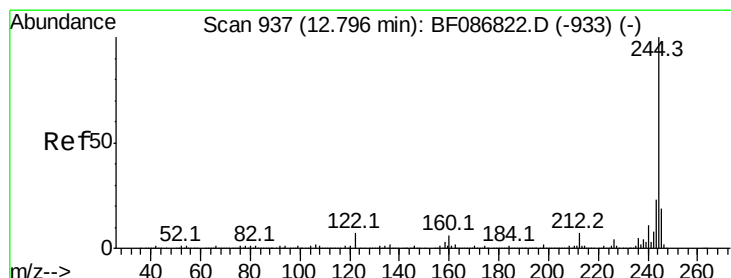
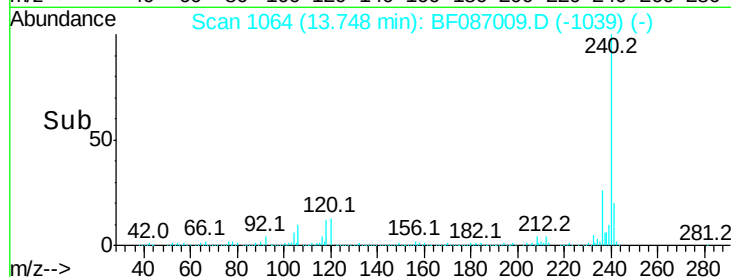
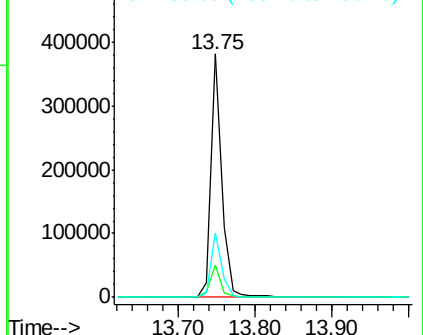
236 26.3 21.2 31.8



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: 73.11 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF087009.D

Acq: 14 May 2016 9:55

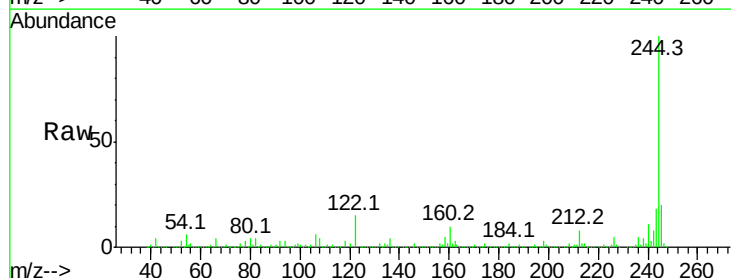
Tgt Ion:244 Resp: 1283795

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

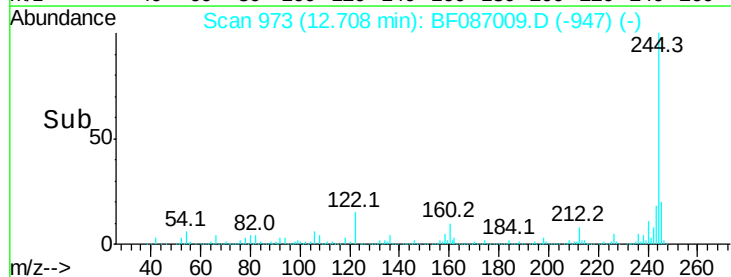
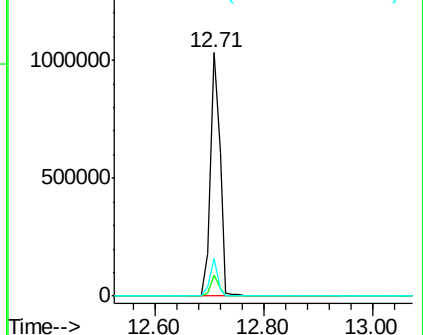
122 15.4 12.0 18.0

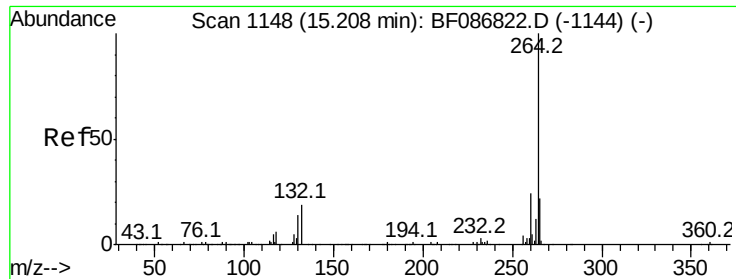


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF087009.D
 Acq: 14 May 2016 9:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.6	17.3	25.9

