

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082229.D
 Acq On : 12 Oct 2015 19:43
 Operator : UM/IZ
 Sample : G3990-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-9S

Quant Time: Oct 13 02:09:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

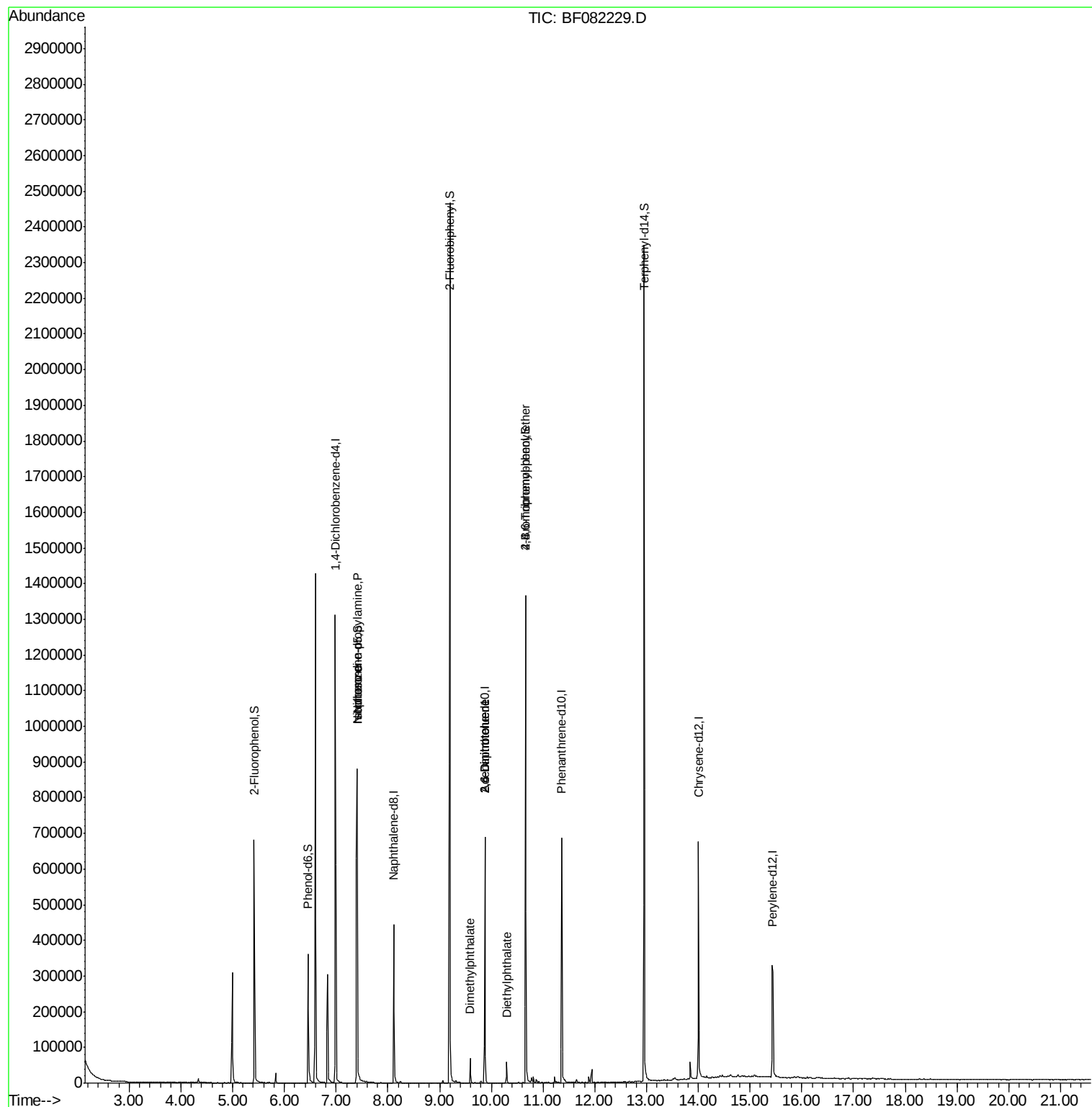
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	244404	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	251995	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	135749	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	277400	20.00	ng	0.00
75) Chrysene-d12	14.00	240	269930	20.00	ng	-0.01
86) Perylene-d12	15.44	264	203288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	220388	18.20	ng	0.00
7) Phenol-d6	6.46	99	166212	10.55	ng	-0.01
23) Nitrobenzene-d5	7.41	82	419241	111.72	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	188227	147.85	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	865890	105.78	ng	0.00
78) Terphenyl-d14	12.95	244	901346	88.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	53623	4.85	ng	# 76
25) Isophorone	7.41	82	403679	53.30	ng	# 66
49) Dimethylphthalate	9.59	163	33753	3.53	ng	99
50) 2,6-Dinitrotoluene	9.87	165	17072	8.46	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	17072	6.77	ng	# 21
59) Diethylphthalate	10.30	149	22655	2.54	ng	97
66) 4-Bromophenyl-phenylether	10.66	248	12518	4.51	ng	# 1

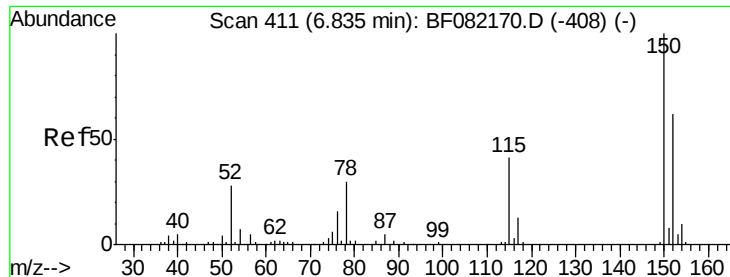
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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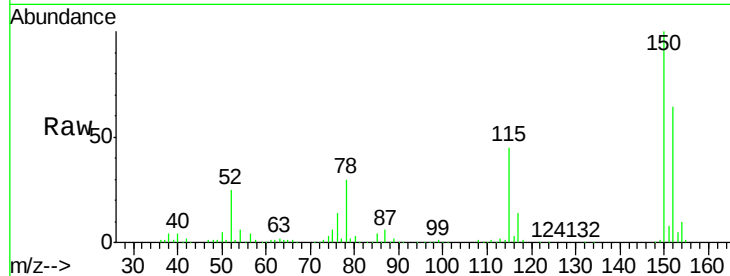


#1

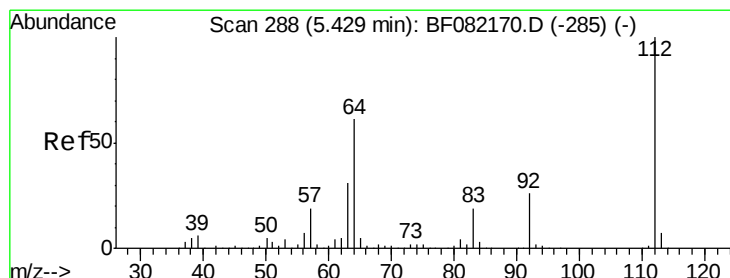
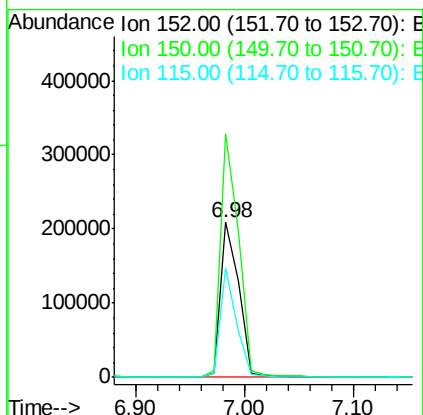
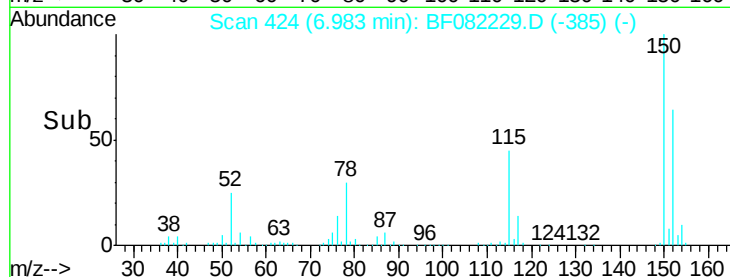
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.15 min
Lab File: BF082229.D
Acq: 12 Oct 2015 19:43

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tot Ion:152 Resp: 244404
Ion Ratio Lower Upper
152 100
150 157.0 129.0 193.4
115 70.4 52.1 78.1



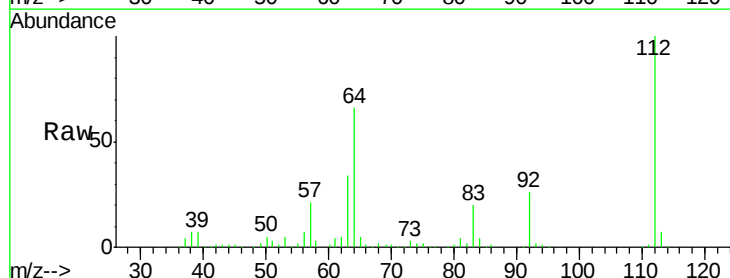
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



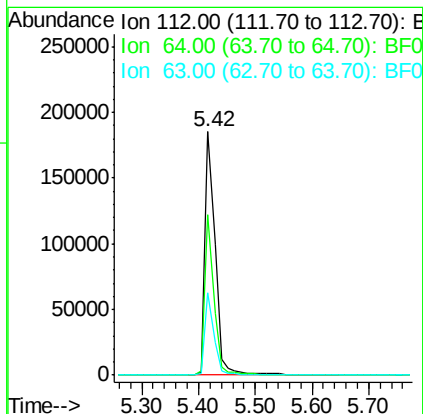
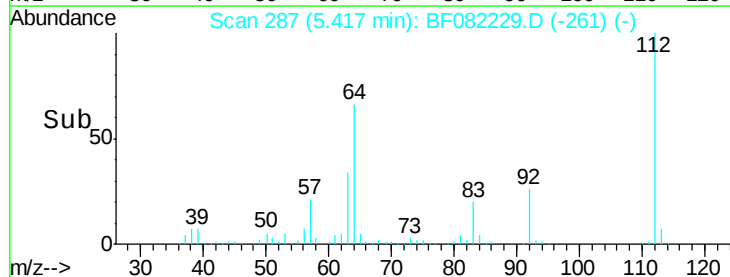
#5

2-Fluorophenol
Concen: 18.20 ng
RT: 5.42 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF082229.D
Acq: 12 Oct 2015 19:43

Tgt Ion:112 Resp: 220388
Ion Ratio Lower Upper
112 100
64 66.1 48.6 73.0
63 33.8 25.1 37.7



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: 10.55 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082229.D

Acq: 12 Oct 2015 19:43

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9S

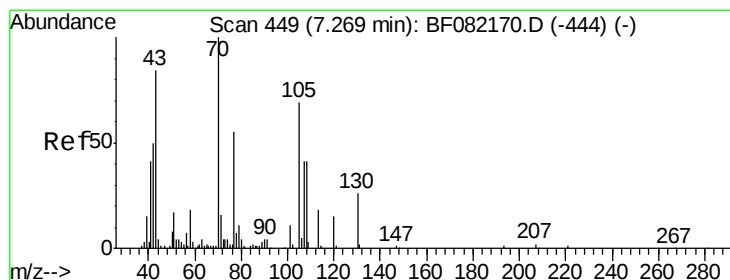
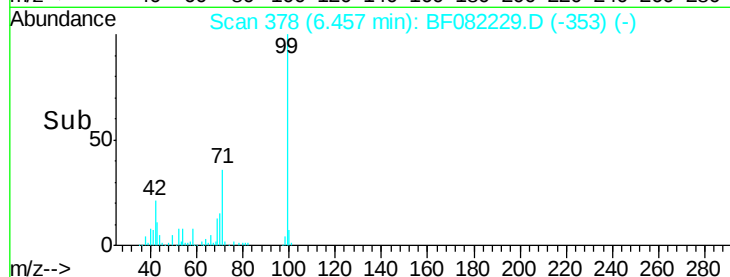
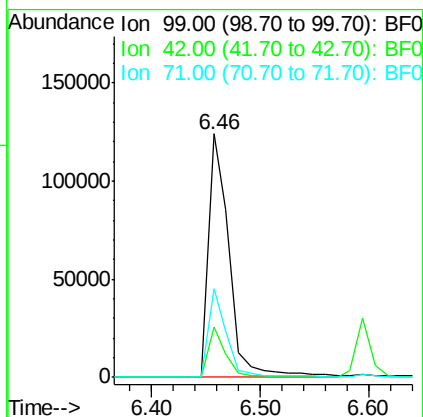
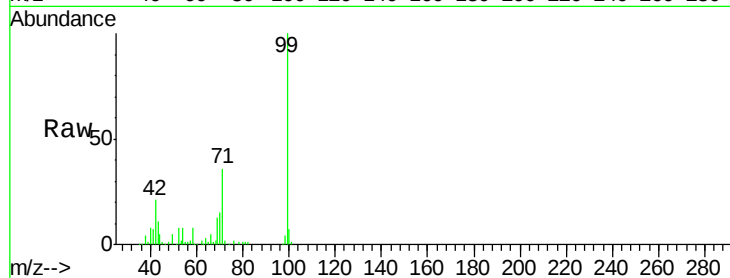
Tot Ion: 99 Resp: 166212

Ion Ratio Lower Upper

99 100

42 20.8 13.2 19.8#

71 36.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.85 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082229.D

Acq: 12 Oct 2015 19:43

Tgt Ion: 70 Resp: 53623

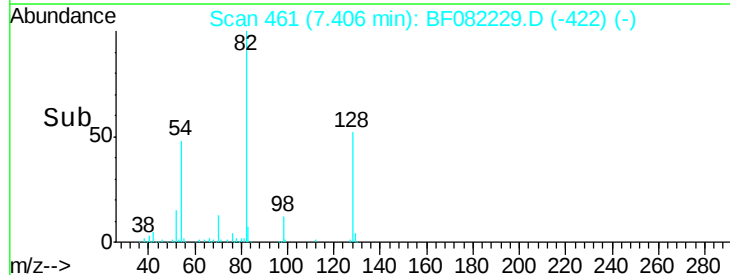
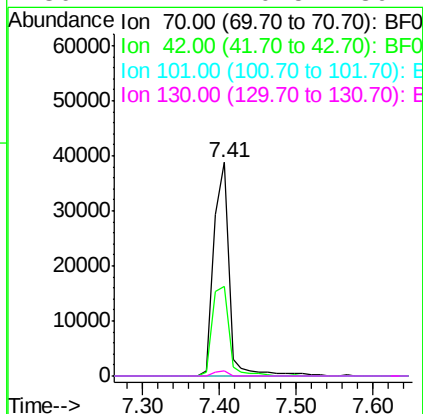
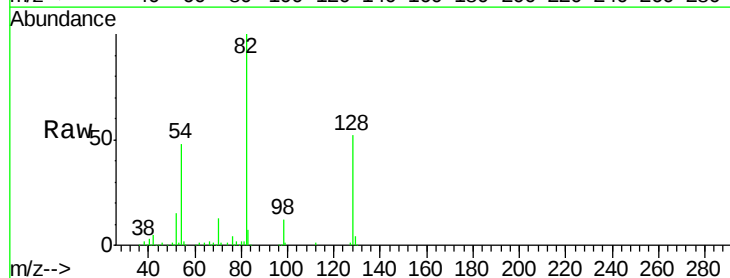
Ion Ratio Lower Upper

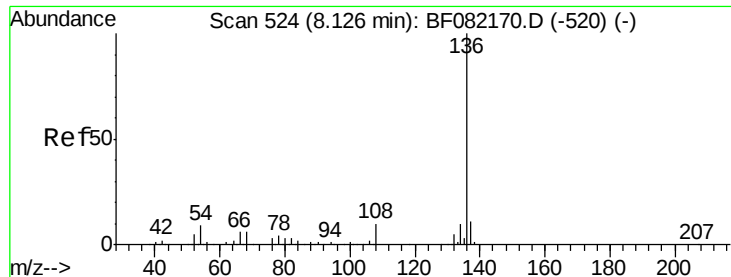
70 100

42 42.1 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF082229.D

Acq: 12 Oct 2015 19:43

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9S

Tot Ion:136 Resp: 251995

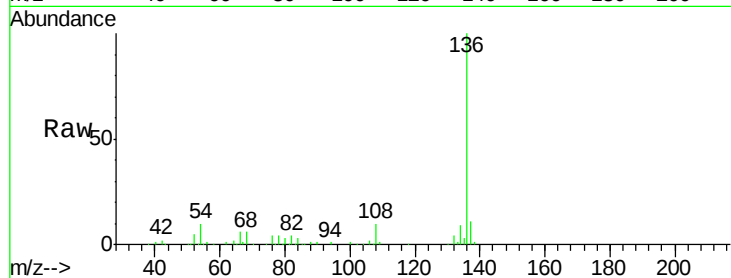
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 10.0 7.5 11.3

68 6.3 4.6 7.0

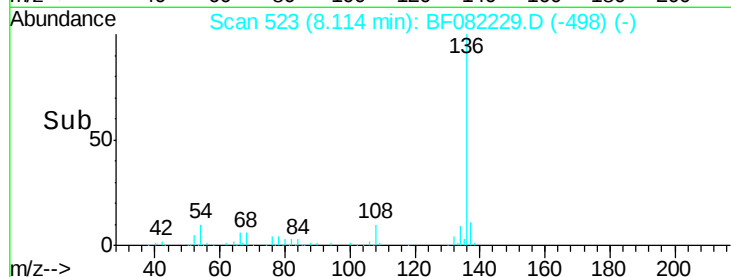


Abundance Ion 136.00 (135.70 to 136.70): E

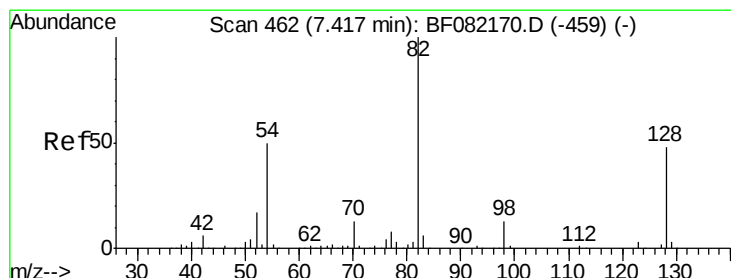
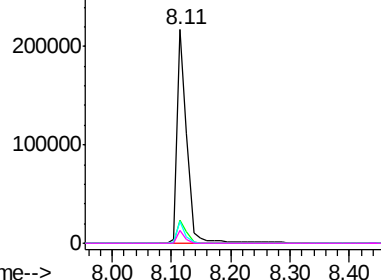
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 111.72 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF082229.D

Acq: 12 Oct 2015 19:43

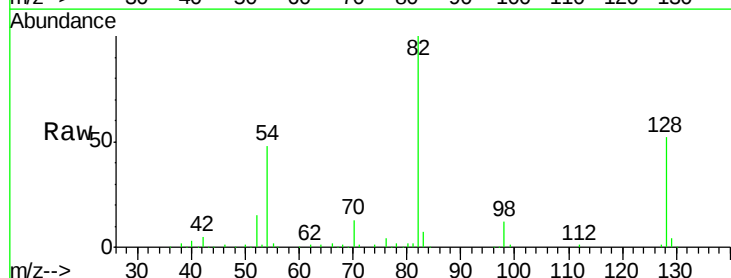
Tgt Ion: 82 Resp: 419241

Ion Ratio Lower Upper

82 100

128 51.6 38.7 58.1

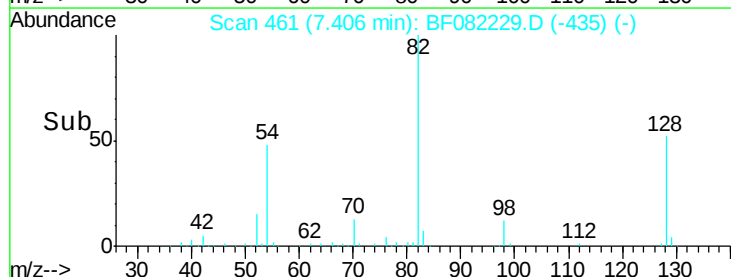
54 47.7 40.1 60.1



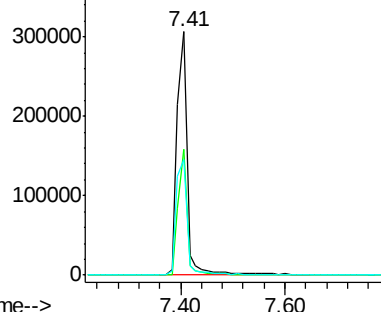
Abundance Ion 82.00 (81.70 to 82.70): BF0

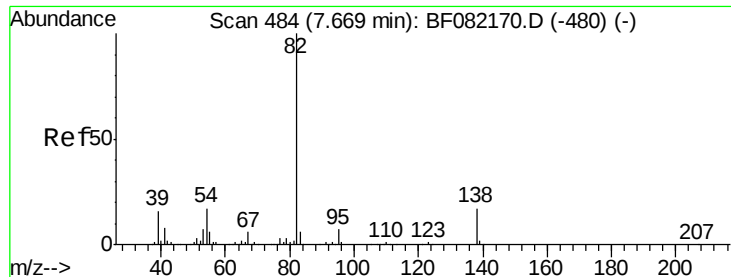
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 53.30 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082229.D

Acq: 12 Oct 2015 19:43

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9S

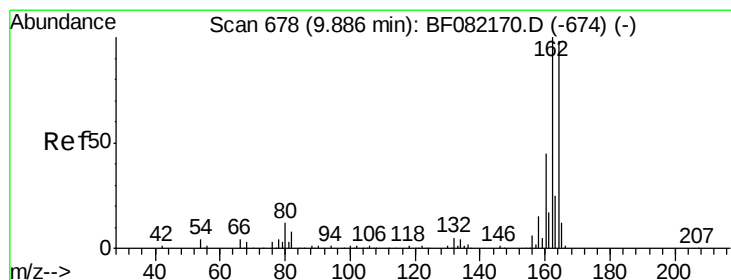
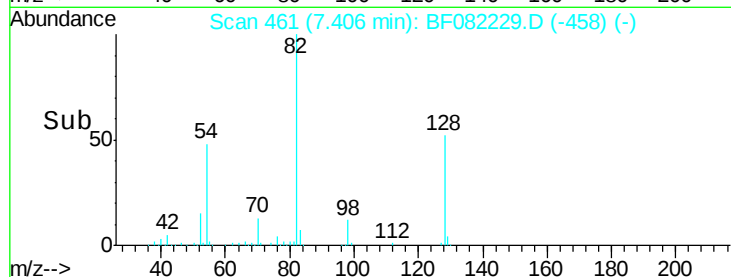
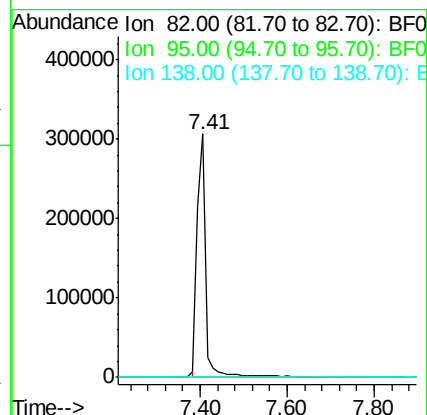
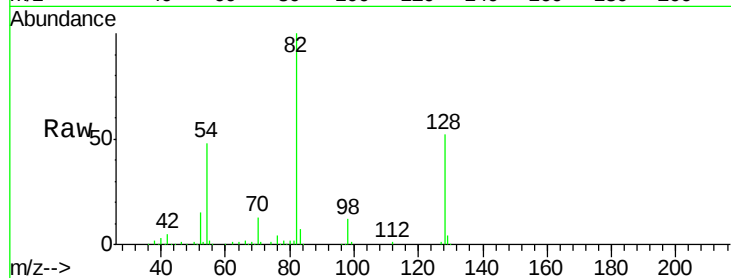
Tot Ion: 82 Resp: 403679

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082229.D

Acq: 12 Oct 2015 19:43

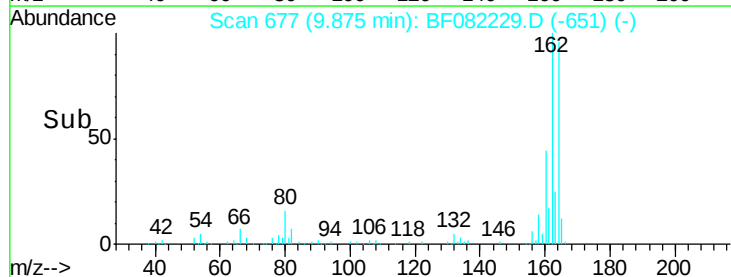
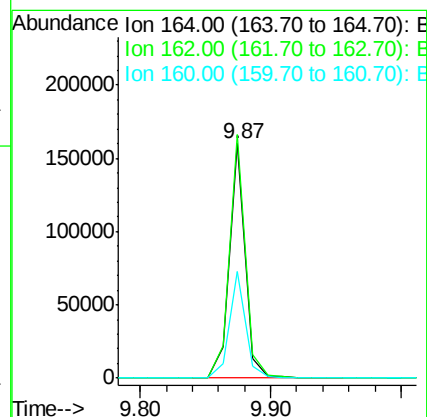
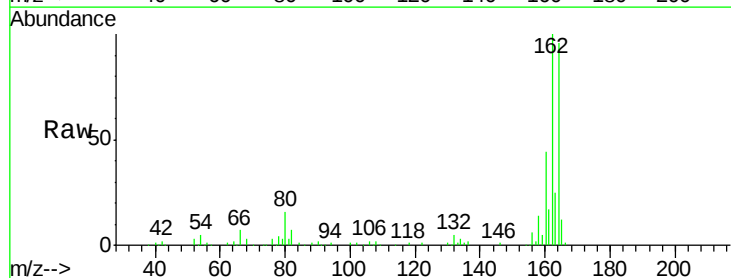
Tgt Ion: 164 Resp: 135749

Ion Ratio Lower Upper

164 100

162 103.9 81.6 122.4

160 45.6 36.4 54.6

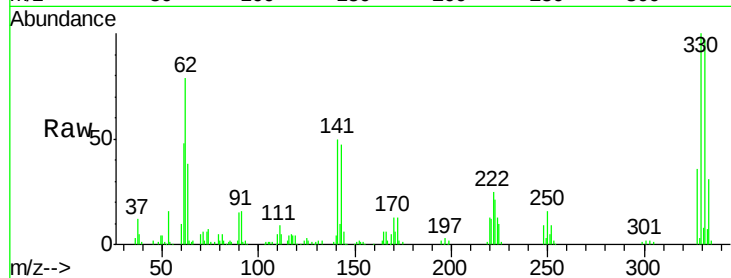




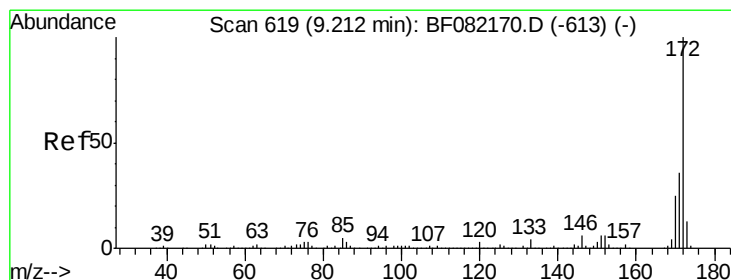
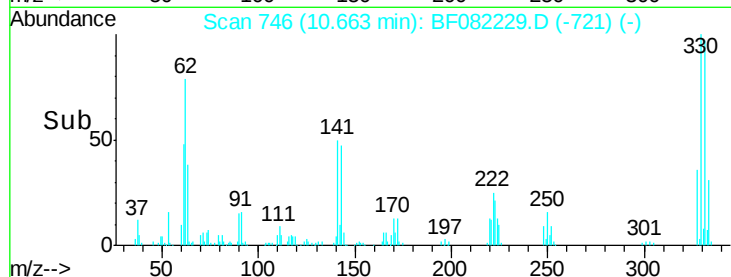
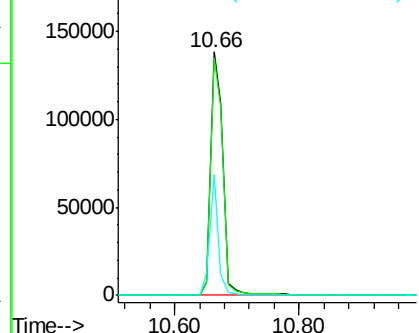
#41
 2,4,6-Tribromophenol
 Concen: 147.85 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082229.D
 Acq: 12 Oct 2015 19:43

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-9S

Tot Ion:330 Resp: 188227
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 35.4 29.8 44.8

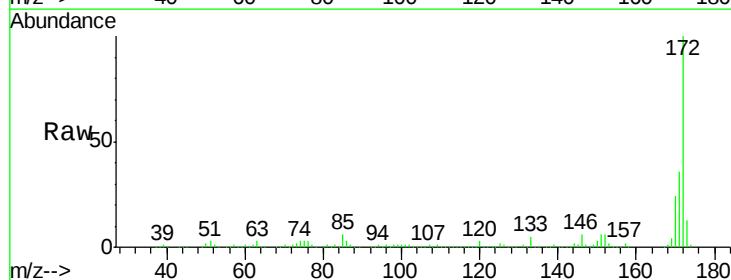


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

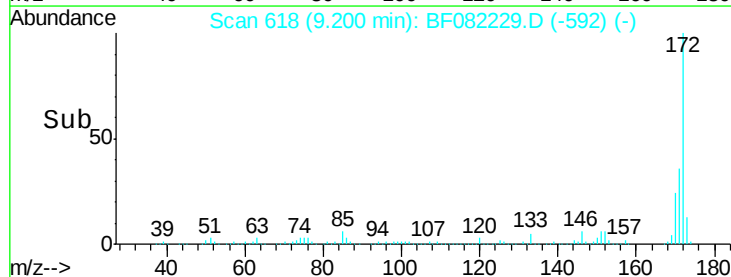
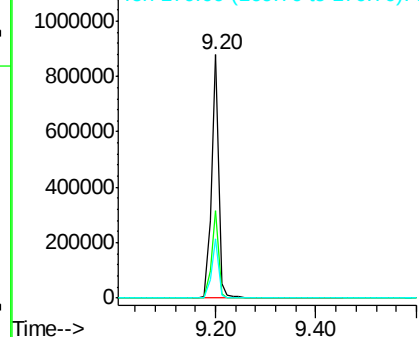


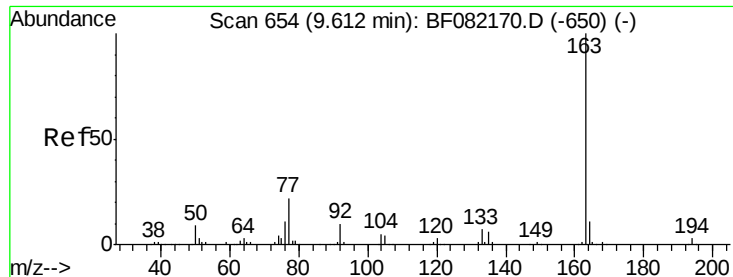
#44
 2-Fluorobiphenyl
 Concen: 105.78 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082229.D
 Acq: 12 Oct 2015 19:43

Tgt Ion:172 Resp: 865890
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 24.2 19.7 29.5



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

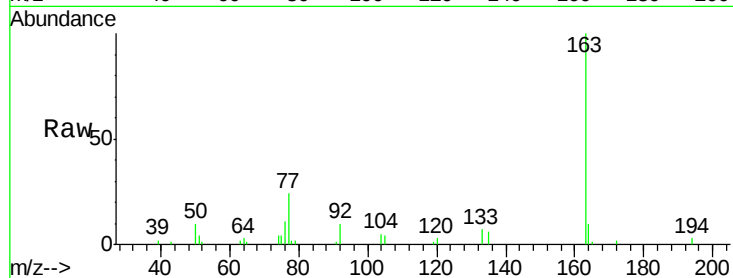




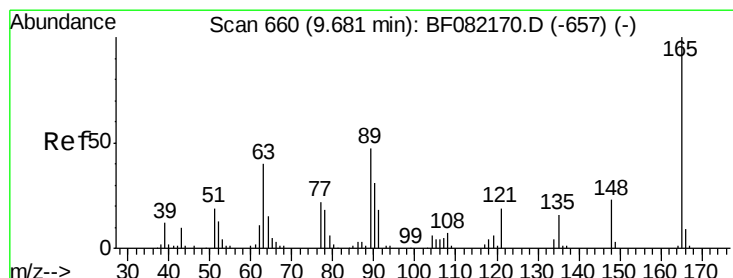
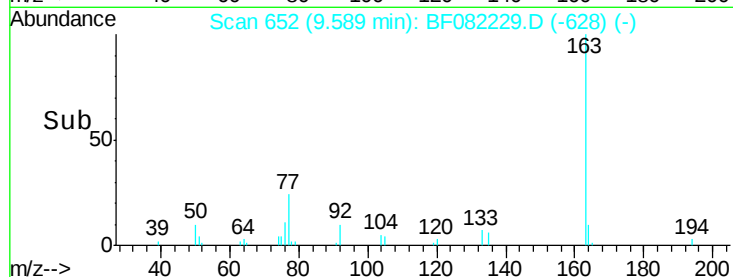
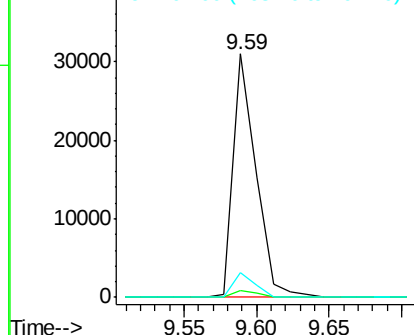
#49
Dimethylphthalate
Concen: 3.53 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082229.D
Acq: 12 Oct 2015 19:43

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tot Ion:163 Resp: 33753
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.5 12.7

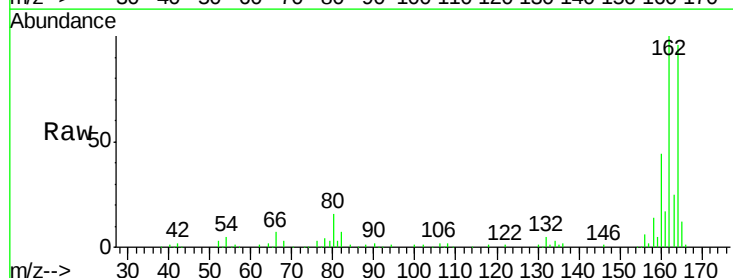


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

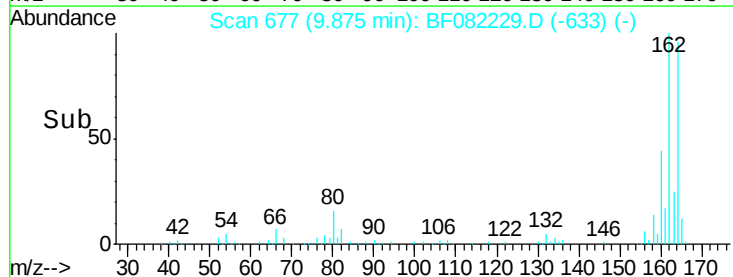
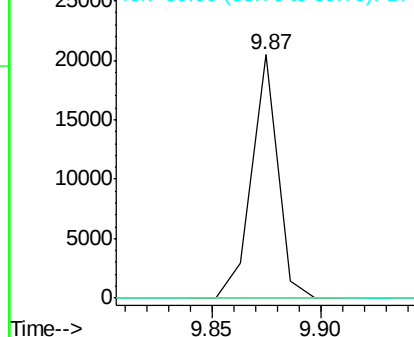


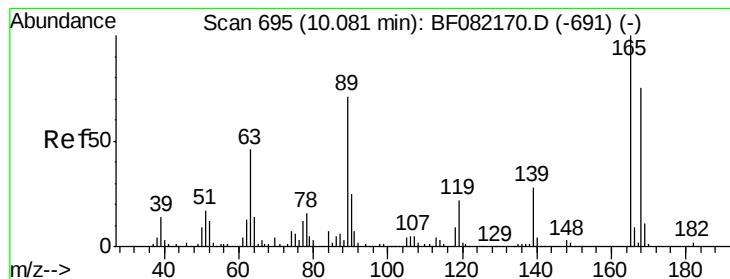
#50
2,6-Dinitrotoluene
Concen: 8.46 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF082229.D
Acq: 12 Oct 2015 19:43

Tgt Ion:165 Resp: 17072
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
89 0.0 37.8 56.6#



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





#56

2,4-Dinitrotoluene

Concen: 6.77 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.21 min

Lab File: BF082229.D

Acq: 12 Oct 2015 19:43

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9S

Tot Ion:165 Resp: 17072

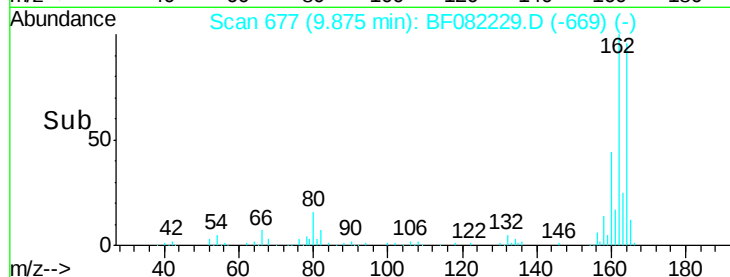
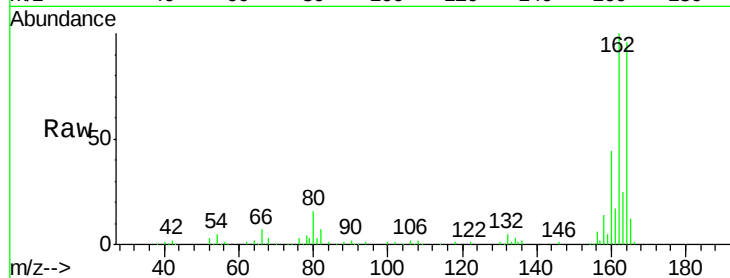
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 57.0 85.6#

182 0.0 1.8 2.6#

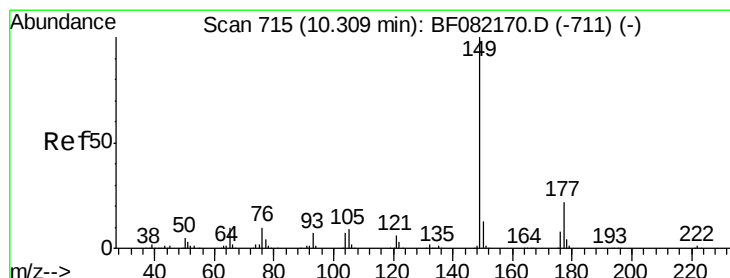
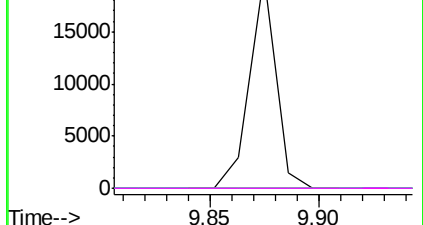


Abundance Ion 165.00 (164.70 to 165.70): E

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



#59

Diethylphthalate

Concen: 2.54 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082229.D

Acq: 12 Oct 2015 19:43

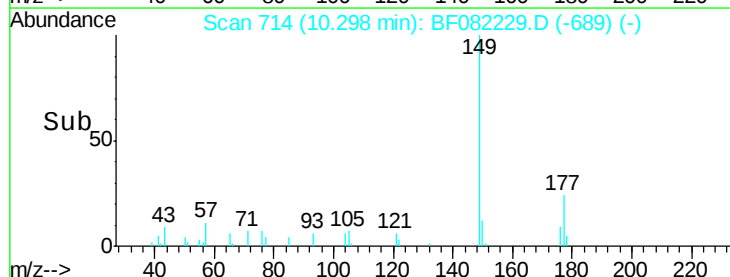
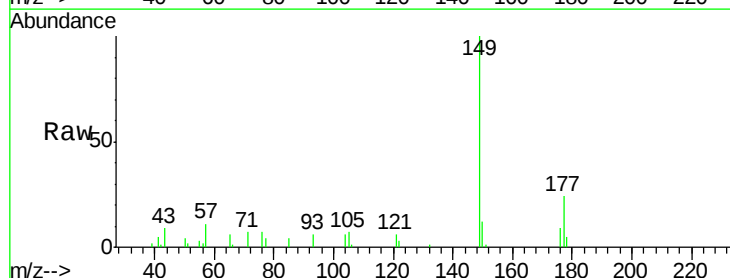
Tgt Ion:149 Resp: 22655

Ion Ratio Lower Upper

149 100

177 23.7 17.6 26.4

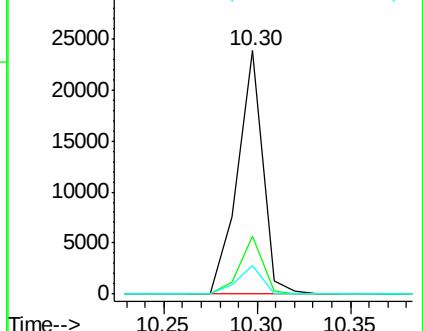
150 11.8 10.3 15.5

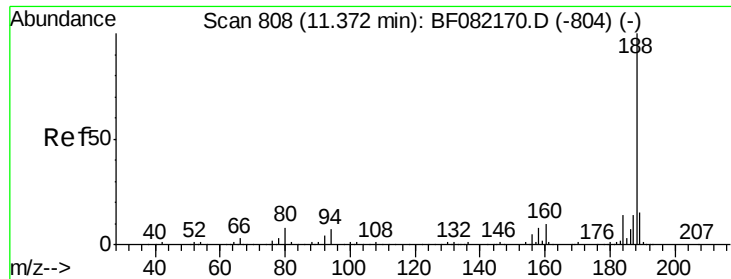


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

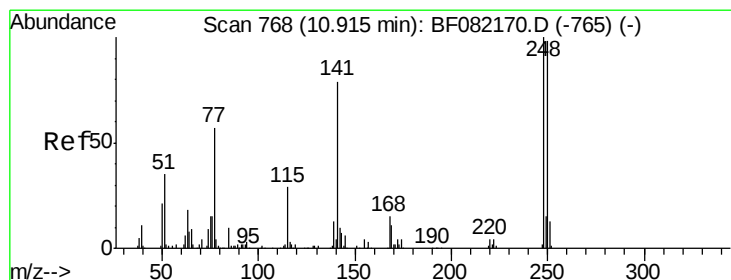
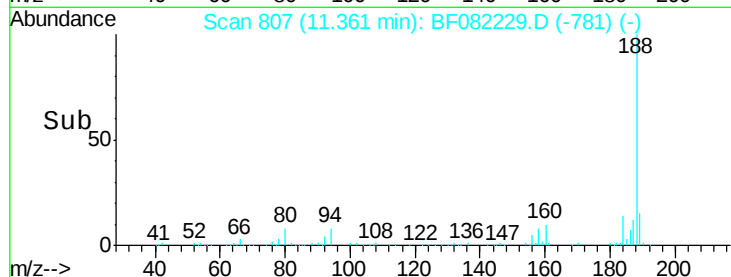
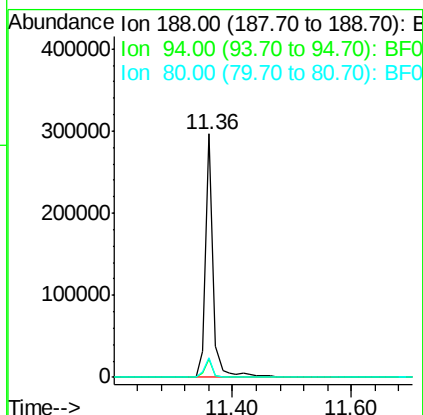
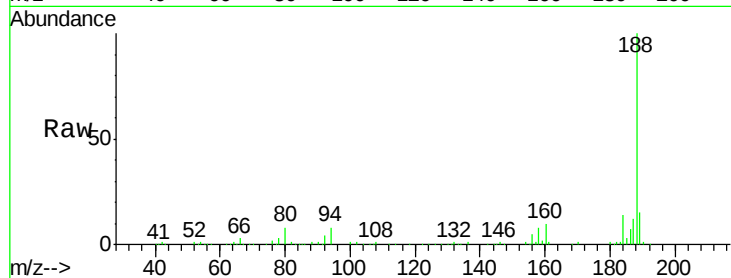




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF082229.D
 Acq: 12 Oct 2015 19:43

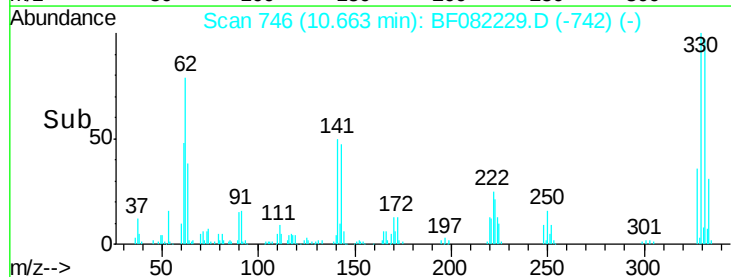
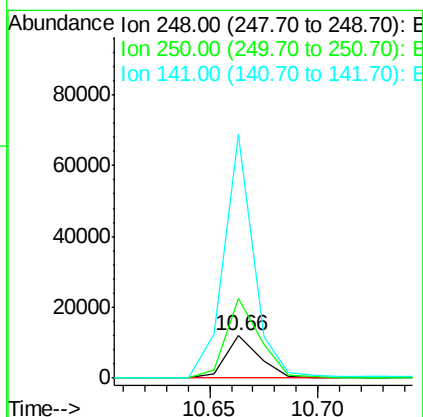
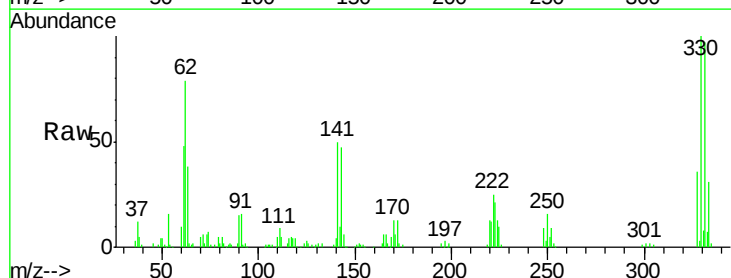
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-9S

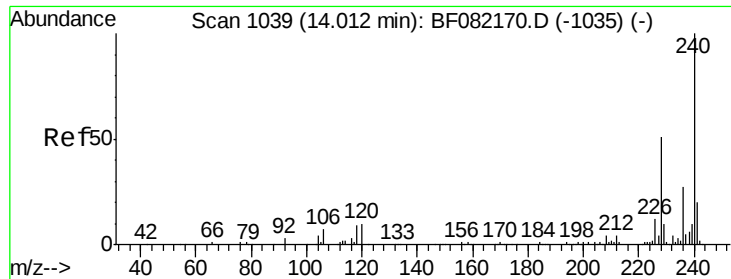
Tot Ion:188 Resp: 277400
 Ion Ratio Lower Upper
 188 100
 94 7.5 5.8 8.6
 80 8.2 6.4 9.6



#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.25 min
 Lab File: BF082229.D
 Acq: 12 Oct 2015 19:43

Tgt Ion:248 Resp: 12518
 Ion Ratio Lower Upper
 248 100
 250 188.8 78.6 117.8#
 141 578.1 63.3 94.9#

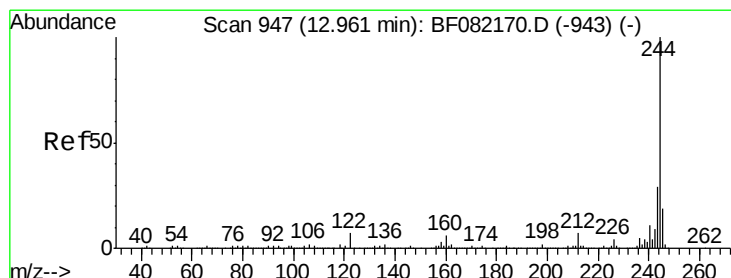
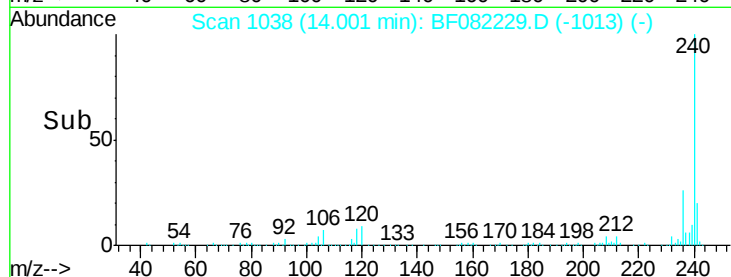
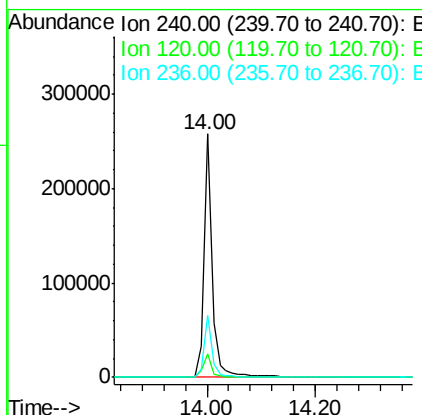
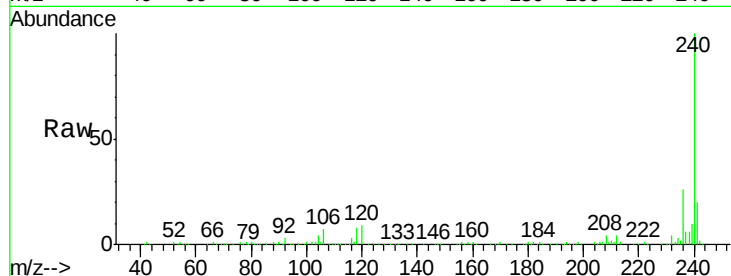




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082229.D
 Acq: 12 Oct 2015 19:43

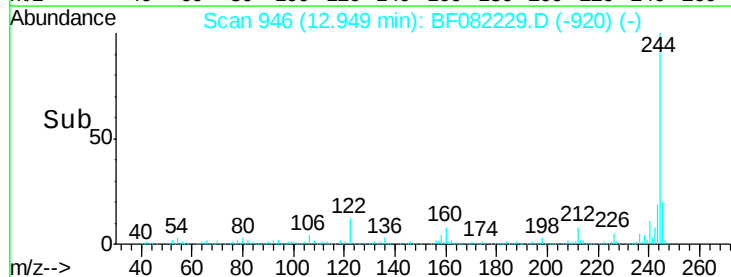
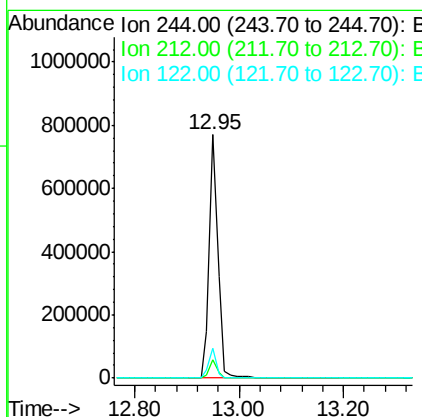
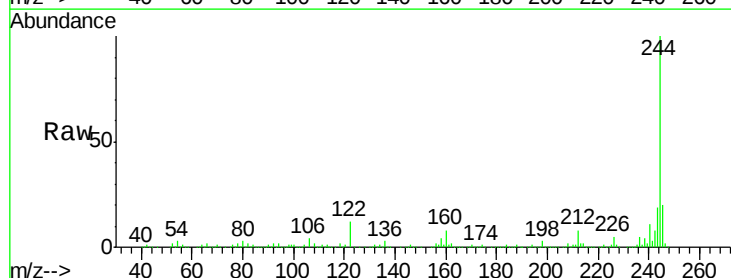
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-9S

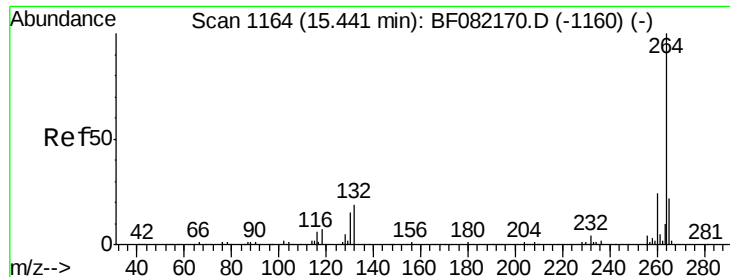
Tot Ion:240 Resp: 269930
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.1 12.1
 236 25.6 21.3 31.9



#78
 Terphenyl-d14
 Concen: 88.49 ng
 RT: 12.95 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF082229.D
 Acq: 12 Oct 2015 19:43

Tgt Ion:244 Resp: 901346
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 12.1 5.9 8.9#

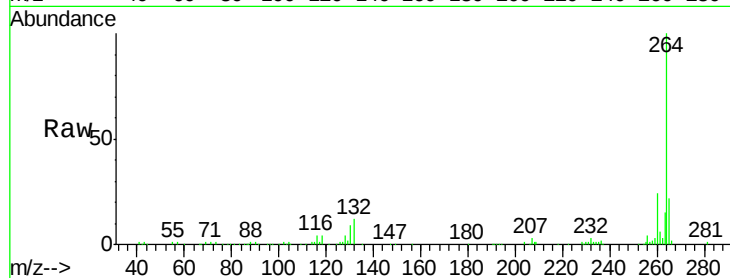




#86
Pervlone-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082229.D
Acq: 12 Oct 2015 19:43

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.8	17.3	25.9



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

