

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082986.D
 Acq On : 18 Nov 2015 00:57
 Operator : UM/IZ
 Sample : G4407-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Nov 18 06:37:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

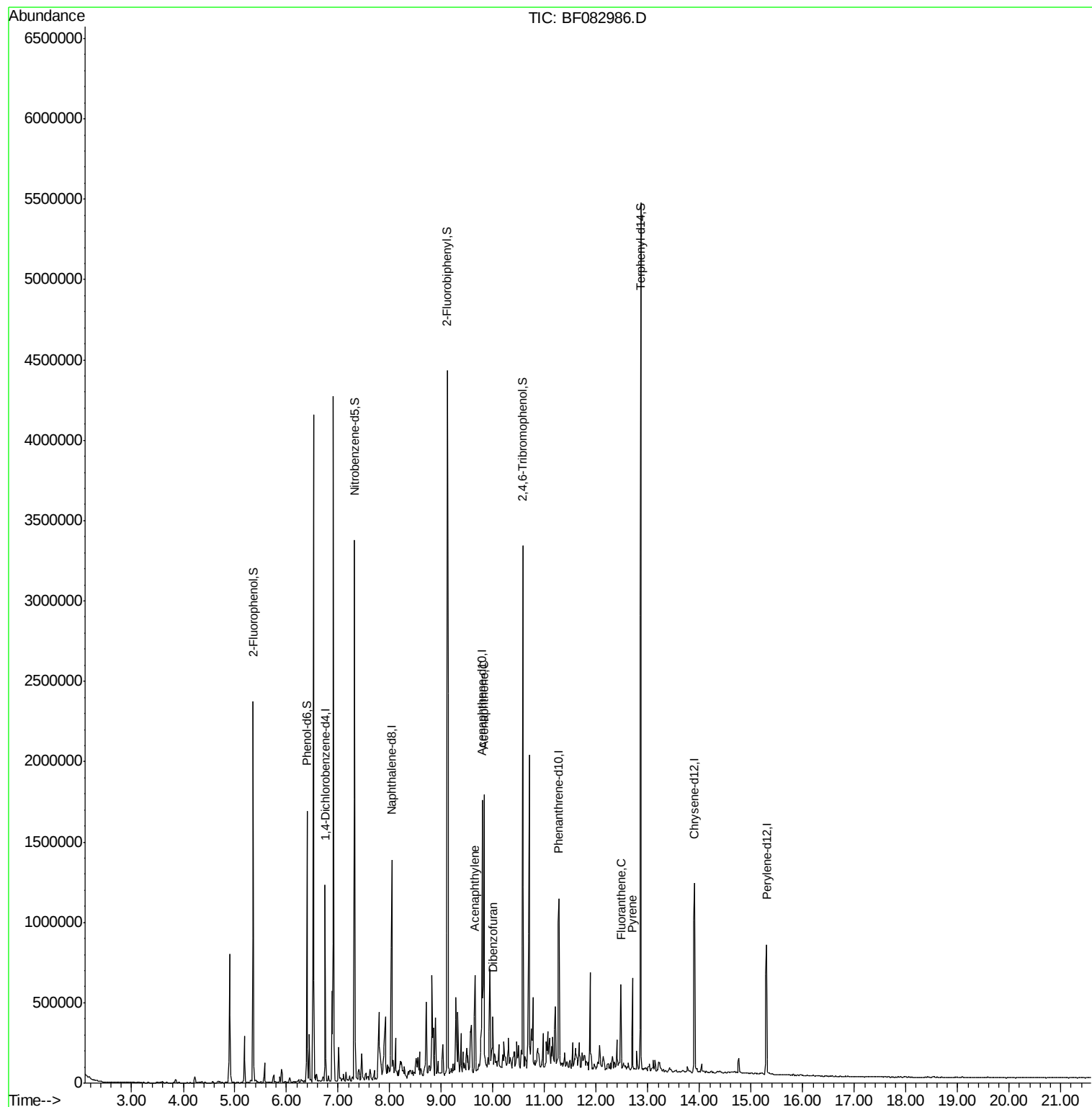
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	162058	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	618028	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	313934	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	559258	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	558780	20.00	ng	-0.11
86) Perylene-d12	15.30	264	420615	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	658552	63.23	ng	-0.09
7) Phenol-d6	6.40	99	500489	36.15	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1282591	90.30	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	424995	118.07	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1787120	81.59	ng	-0.10
78) Terphenyl-d14	12.86	244	1906593	80.93	ng	-0.10
Target Compounds						
48) Acenaphthylene	9.65	152	112699	3.42	ng	# 92
51) Acenaphthene	9.82	154	355872	17.05	ng	99
54) Dibenzofuran	10.00	168	94878	3.37	ng	# 86
74) Fluoranthene	12.48	202	197296	5.66	ng	97
77) Pyrene	12.70	202	238243	6.21	ng	95

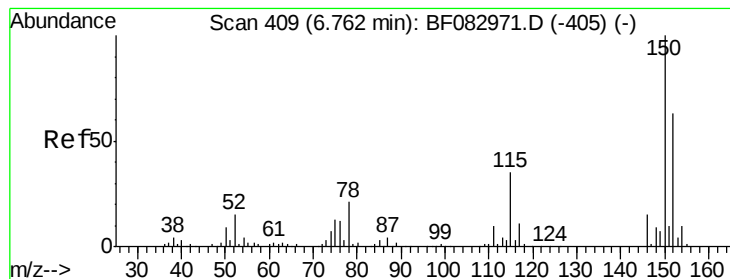
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082986.D

Acq: 18 Nov 2015 00:57

Instrument :

BNA_F

ClientSampleId :

MW-14

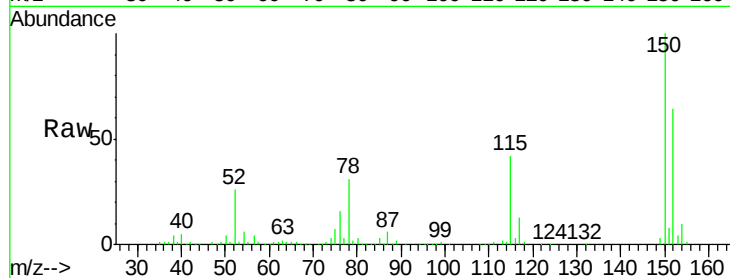
Tgt Ion:152 Resp: 162058

Ion Ratio Lower Upper

152 100

150 155.9 127.0 190.4

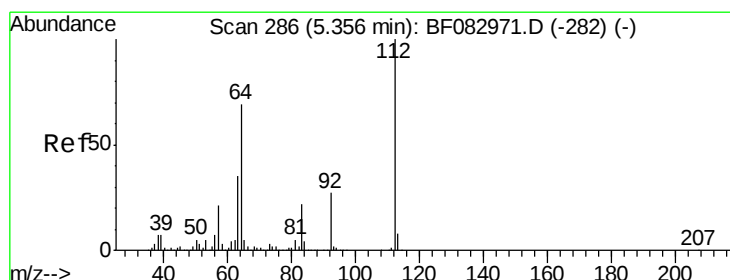
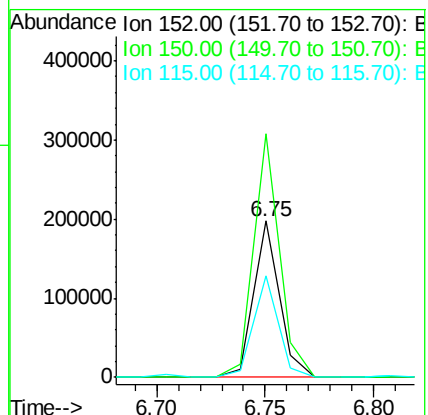
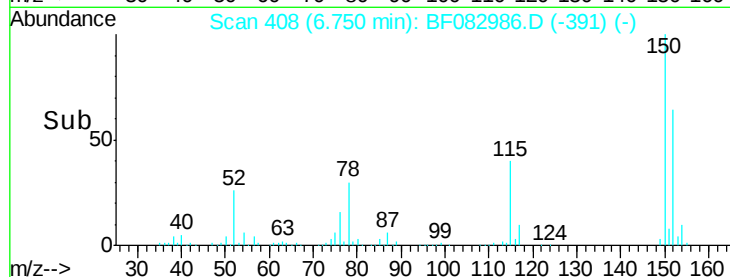
115 65.0 47.0 70.6



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: 63.23 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082986.D

Acq: 18 Nov 2015 00:57

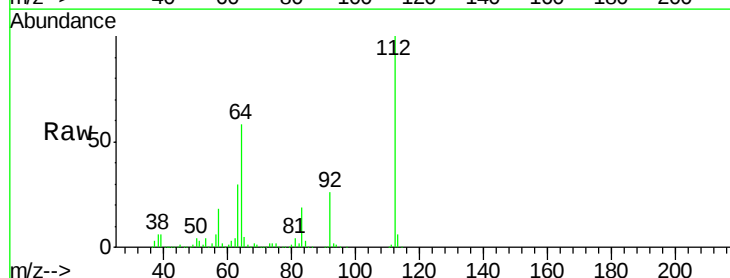
Tgt Ion:112 Resp: 658552

Ion Ratio Lower Upper

112 100

64 58.4 48.9 73.3

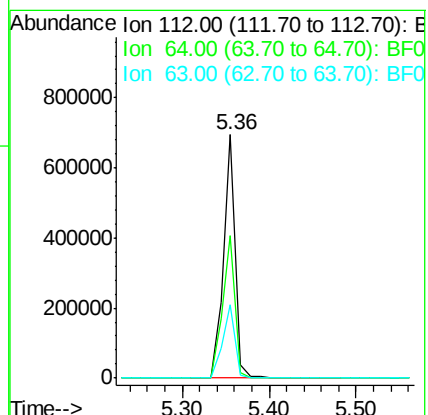
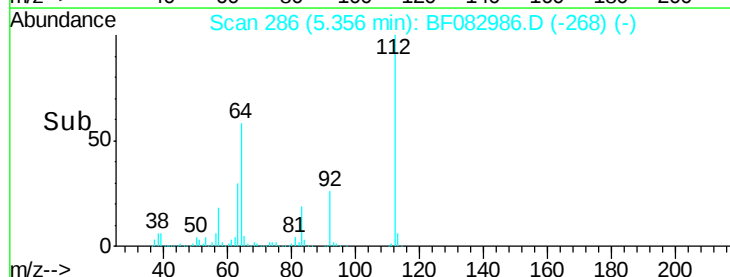
63 30.3 28.1 42.1



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: 36.15 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082986.D

Acq: 18 Nov 2015 00:57

Instrument :

BNA_F

ClientSampleId :

MW-14

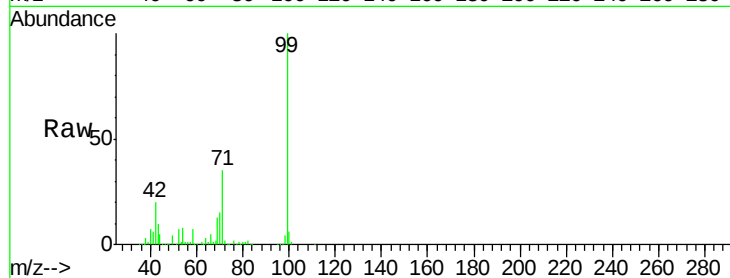
Tgt Ion: 99 Resp: 500489

Ion Ratio Lower Upper

99 100

42 19.9 19.2 28.8

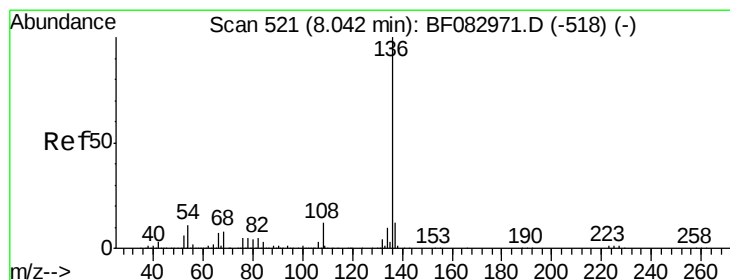
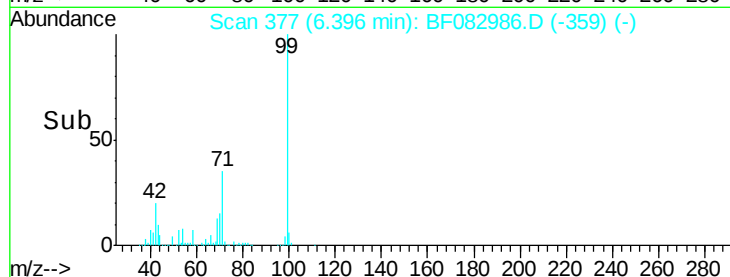
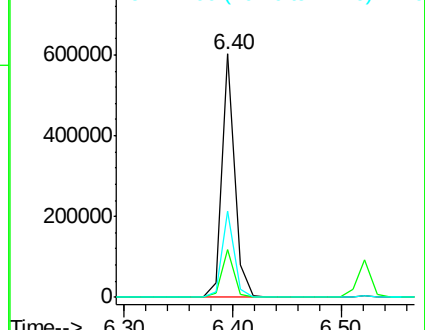
71 35.5 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082986.D

Acq: 18 Nov 2015 00:57

Tgt Ion: 136 Resp: 618028

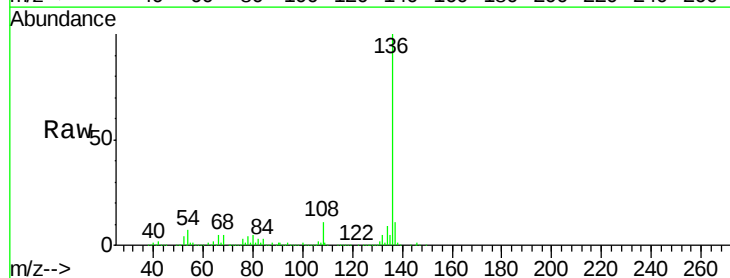
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.1 9.1 13.7#

68 5.3 4.8 7.2

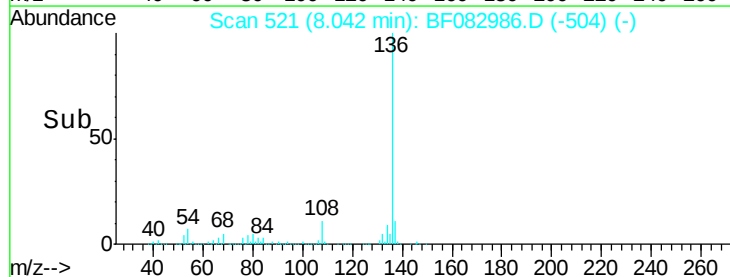
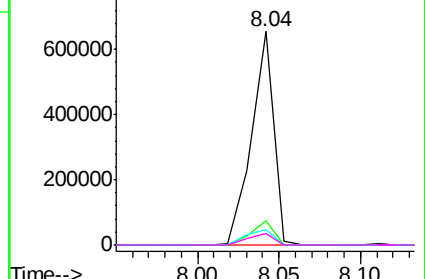


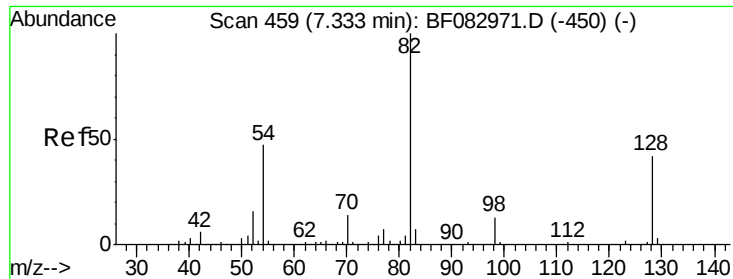
Abundance Ion 136.00 (135.70 to 136.70): E

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

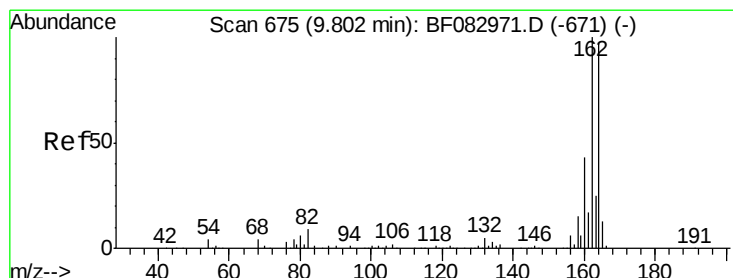
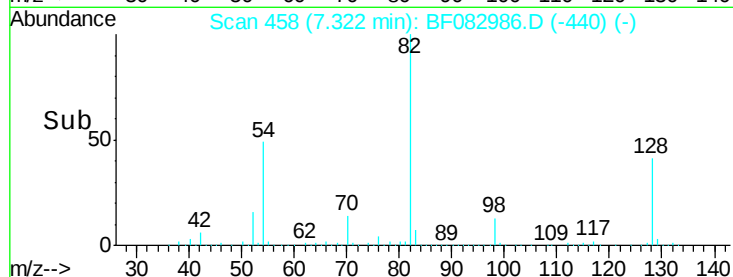
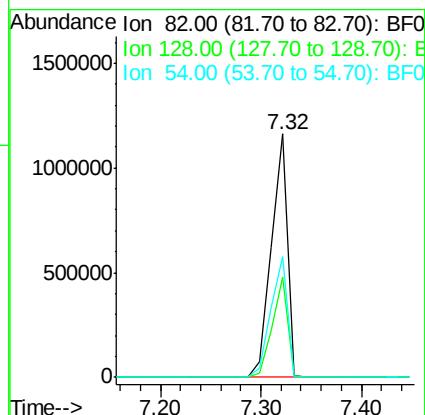
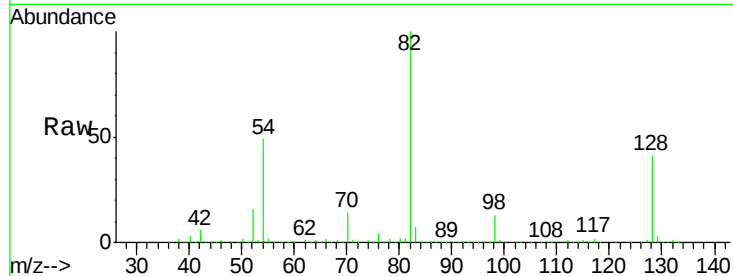




#23
 Nitrobenzene-d5
 Concen: 90.30 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082986.D
 Acq: 18 Nov 2015 00:57

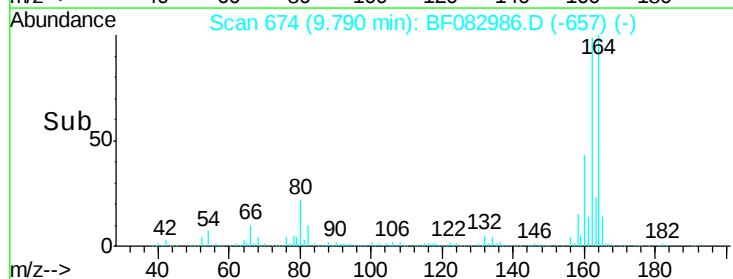
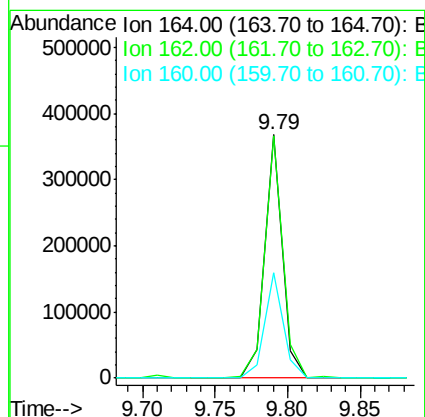
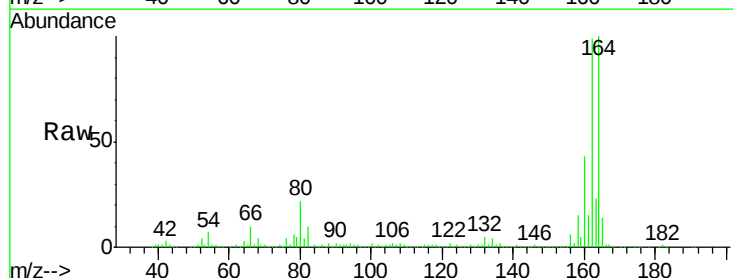
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

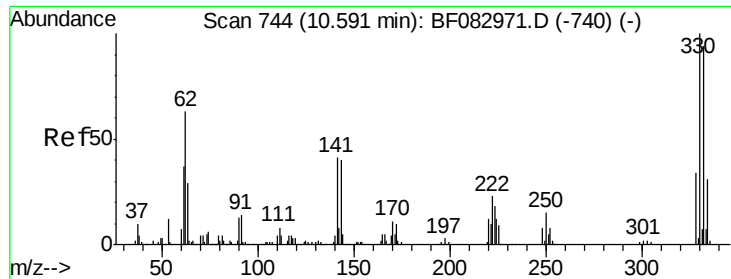
Tgt Ion: 82 Resp: 1282591
 Ion Ratio Lower Upper
 82 100
 128 41.0 26.8 40.2#
 54 49.4 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082986.D
 Acq: 18 Nov 2015 00:57

Tgt Ion: 164 Resp: 313934
 Ion Ratio Lower Upper
 164 100
 162 99.4 84.9 127.3
 160 43.4 37.5 56.3

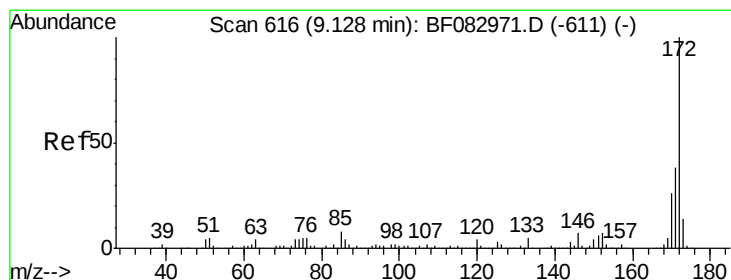
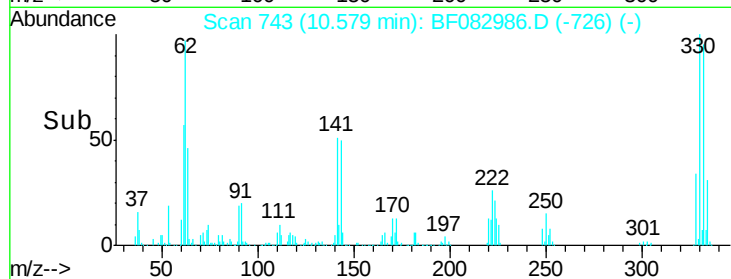
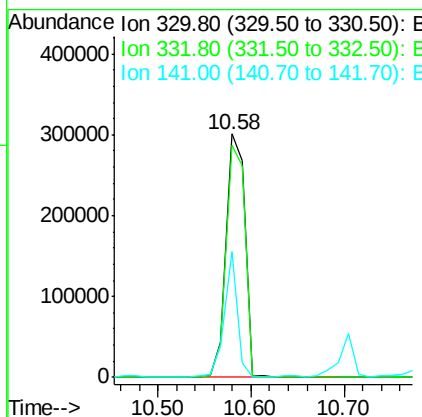
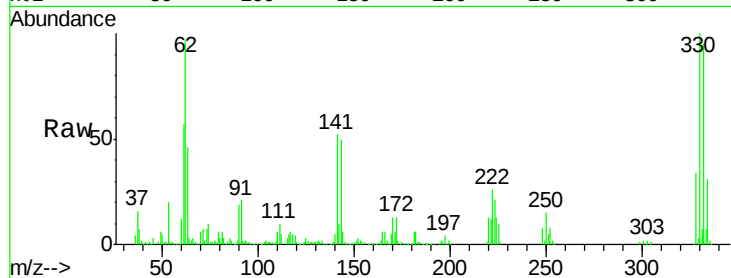




#41
 2,4,6-Tribromophenol
 Concen: 118.07 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082986.D
 Acq: 18 Nov 2015 00:57

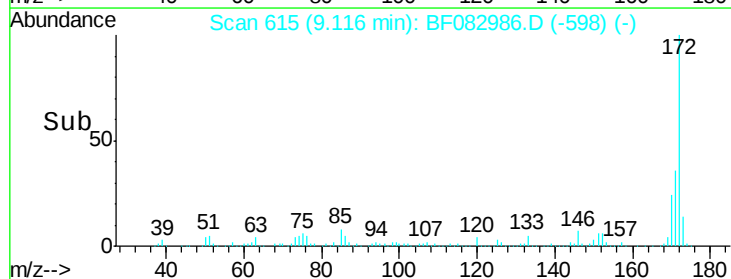
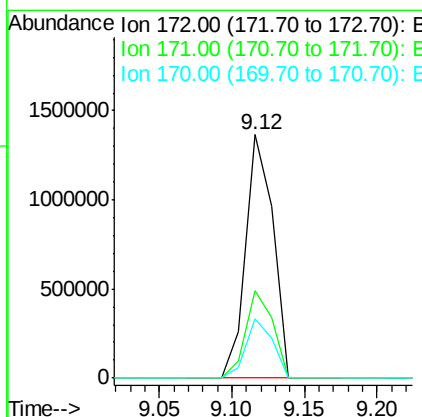
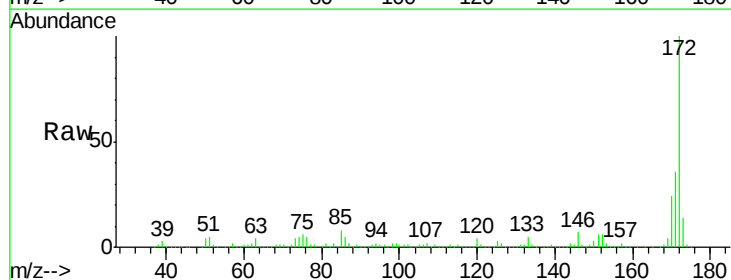
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

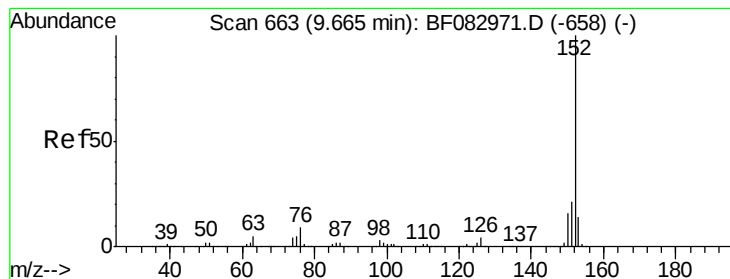
Tgt Ion:330 Resp: 424995
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 34.9 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 81.59 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082986.D
 Acq: 18 Nov 2015 00:57

Tgt Ion:172 Resp: 1787120
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.8 46.2
 170 24.5 21.2 31.8





#48

Acenaphthylene

Concen: 3.42 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.10 min

Lab File: BF082986.D

Acq: 18 Nov 2015 00:57

Instrument :

BNA_F

ClientSampleId :

MW-14

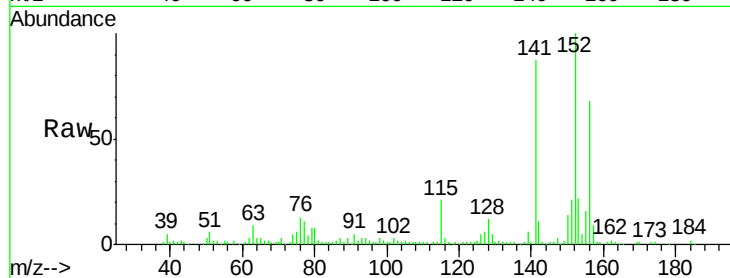
Tgt Ion:152 Resp: 112699

Ion Ratio Lower Upper

152 100

151 21.1 17.3 25.9

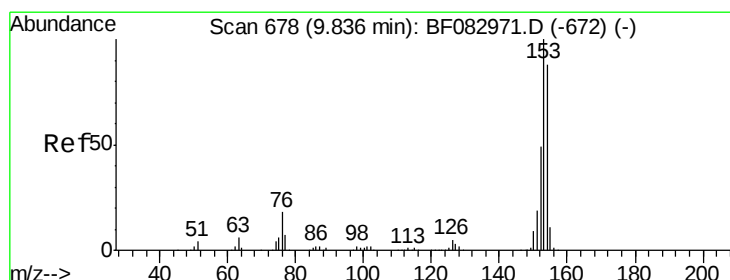
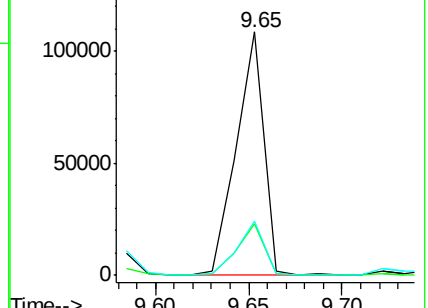
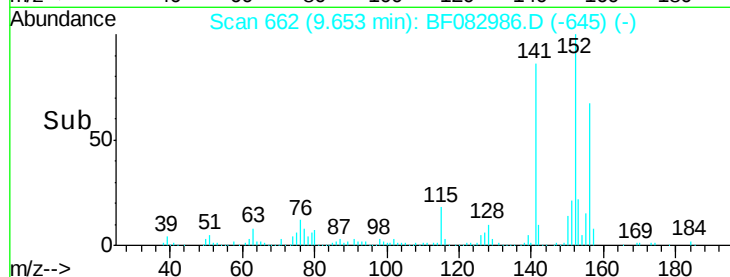
153 22.2 11.3 16.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

Acenaphthene

Concen: 17.05 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.10 min

Lab File: BF082986.D

Acq: 18 Nov 2015 00:57

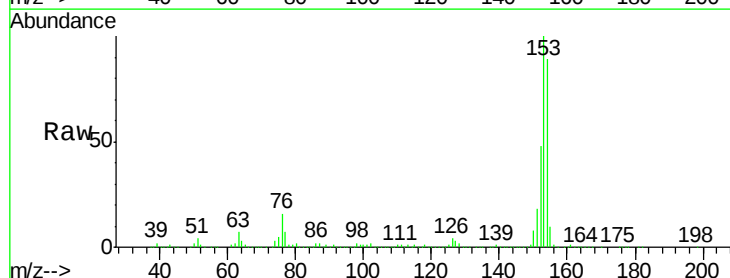
Tgt Ion:154 Resp: 355872

Ion Ratio Lower Upper

154 100

153 112.6 90.1 135.1

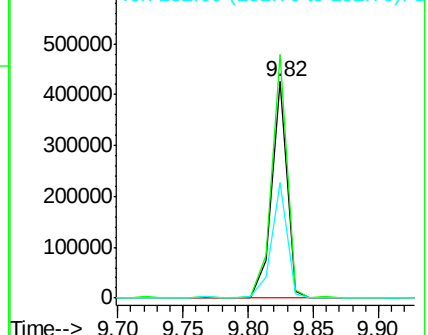
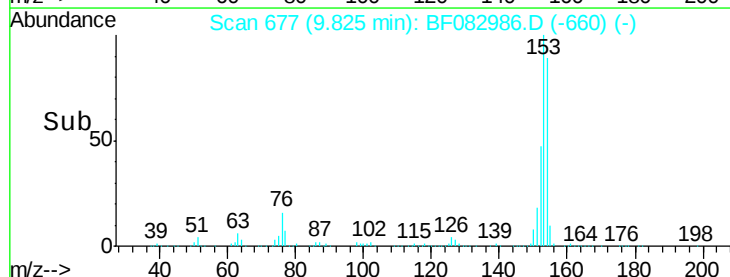
152 53.7 44.3 66.5

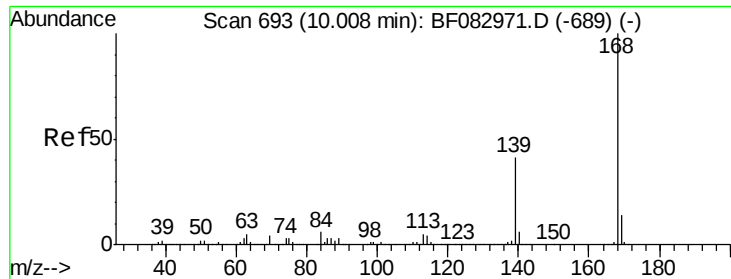


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

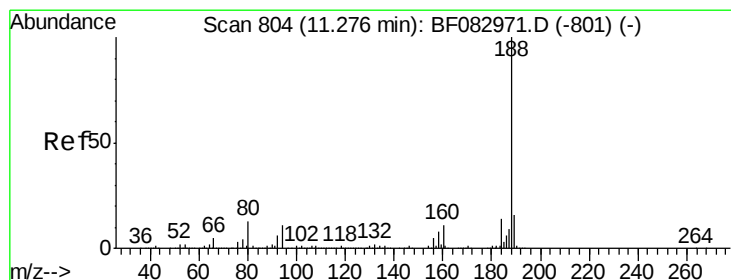
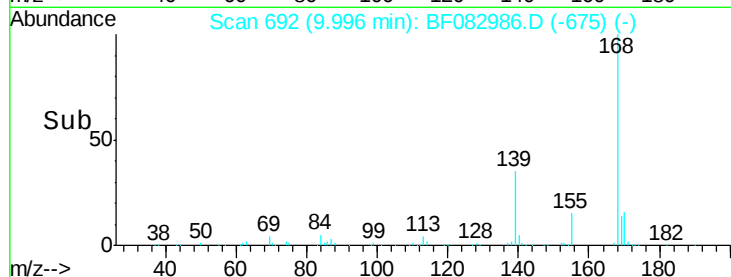
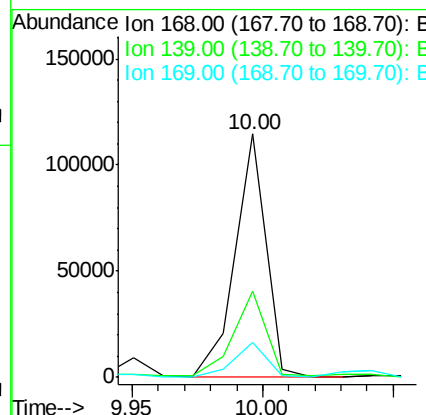
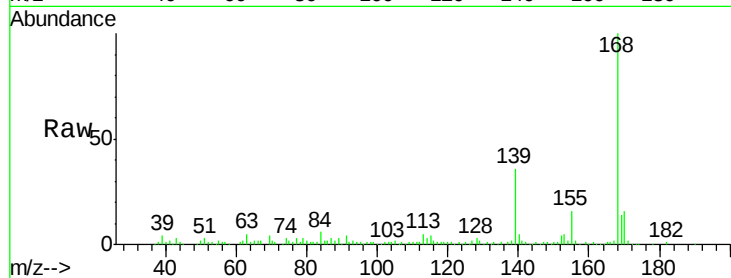




#54
Dibenzenofuran
Concen: 3.37 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.10 min
Lab File: BF082986.D
Acq: 18 Nov 2015 00:57

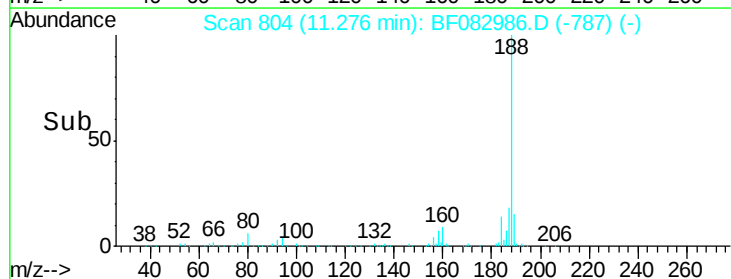
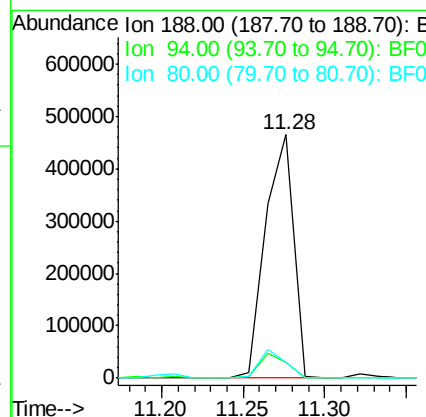
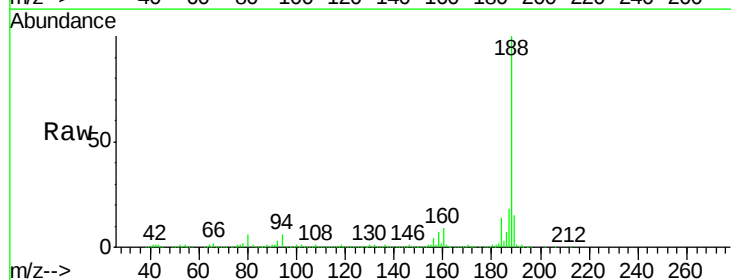
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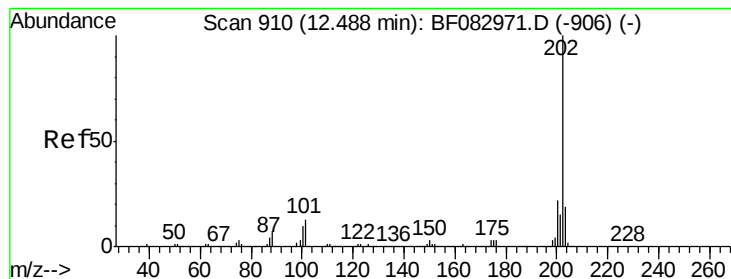
Tgt Ion:168 Resp: 94878
Ion Ratio Lower Upper
168 100
139 35.5 37.8 56.6#
169 14.4 11.3 16.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082986.D
Acq: 18 Nov 2015 00:57

Tgt Ion:188 Resp: 559258
Ion Ratio Lower Upper
188 100
94 6.3 6.1 9.1
80 6.3 7.0 10.6#





#74

Fluoranthene

Concen: 5.66 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.11 min

Lab File: BF082986.D

Acq: 18 Nov 2015 00:57

Instrument :

BNA_F

ClientSampleId :

MW-14

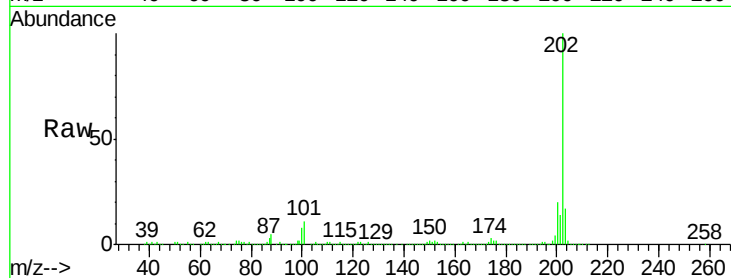
Tgt Ion:202 Resp: 197296

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.5

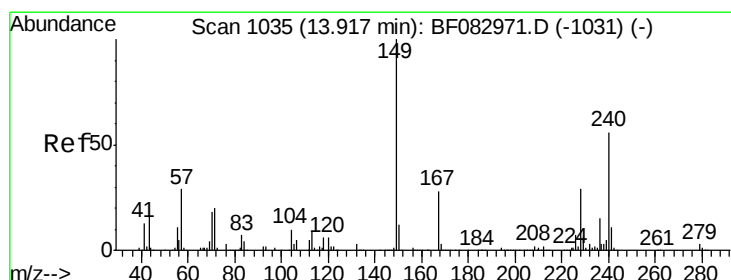
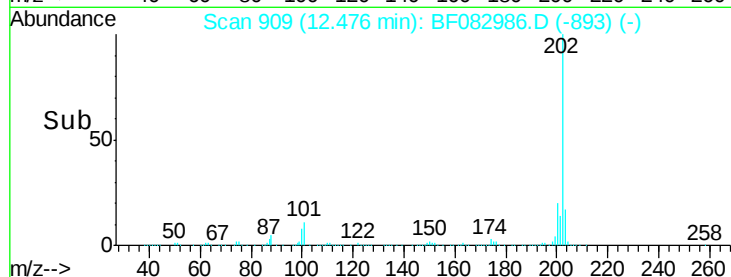
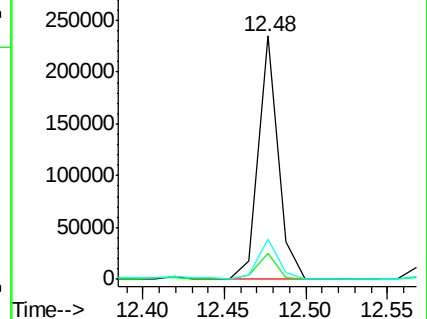
203 16.7 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082986.D

Acq: 18 Nov 2015 00:57

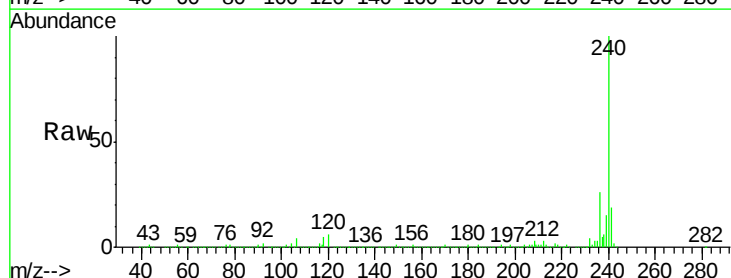
Tgt Ion:240 Resp: 558780

Ion Ratio Lower Upper

240 100

120 6.0 10.9 16.3#

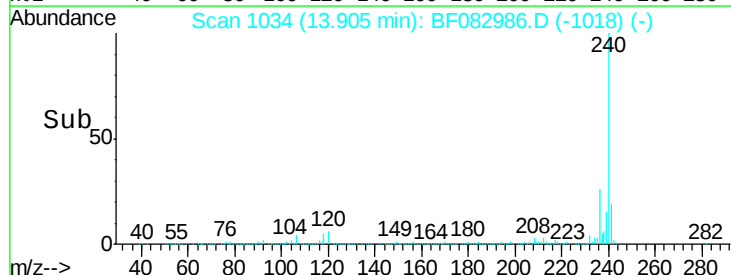
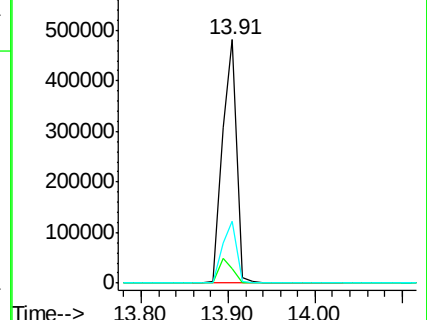
236 25.6 21.6 32.4

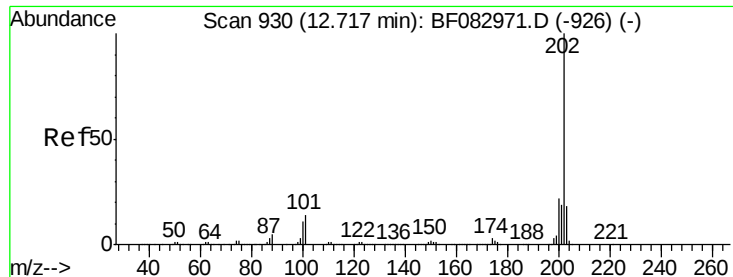


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

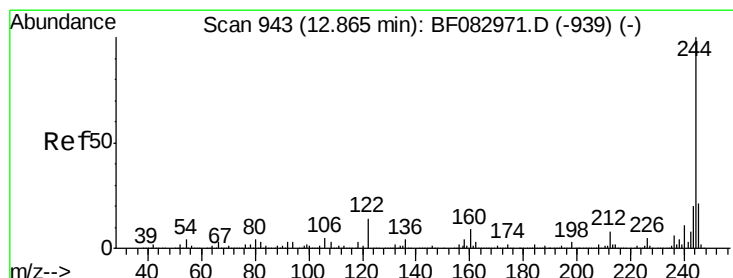
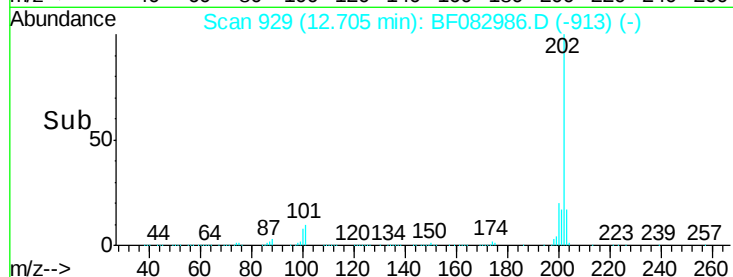
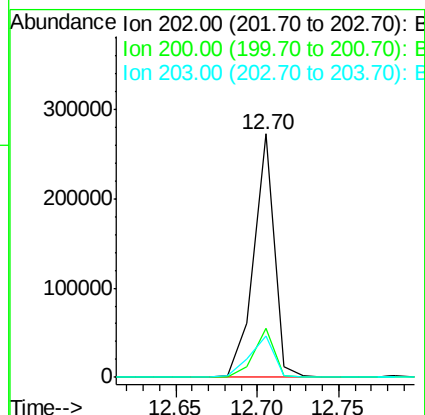
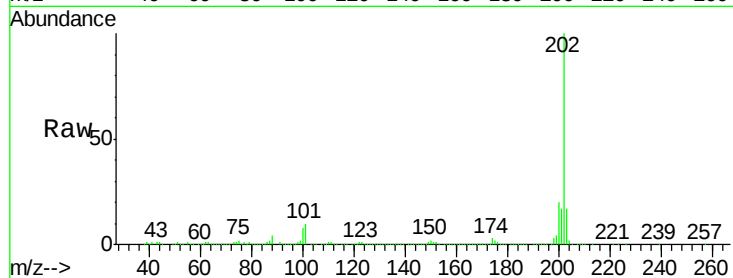




#77
 Pyrene
 Concen: 6.21 ng
 RT: 12.70 min Scan# 929
 Delta R.T. -0.11 min
 Lab File: BF082986.D
 Acq: 18 Nov 2015 00:57

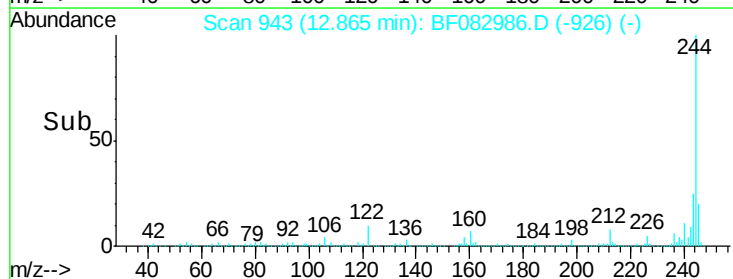
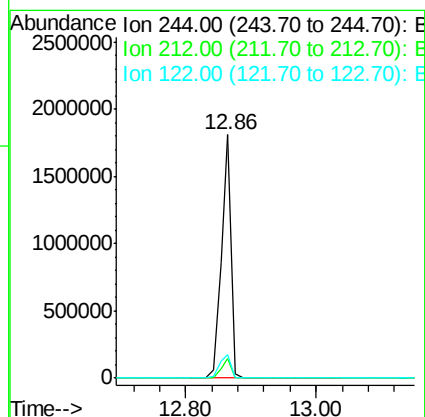
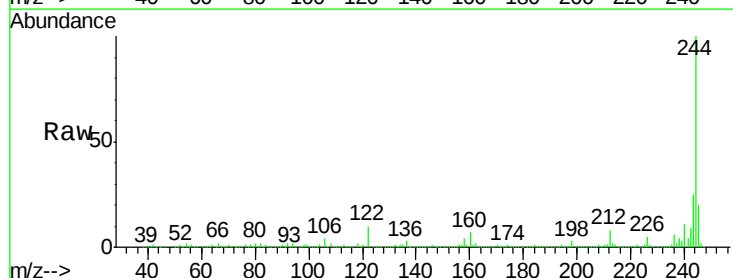
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

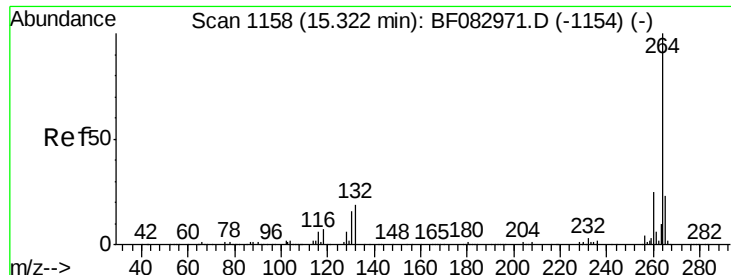
Tgt Ion:202 Resp: 238243
 Ion Ratio Lower Upper
 202 100
 200 20.2 18.7 28.1
 203 17.0 14.8 22.2



#78
 Terphenyl-d14
 Concen: 80.93 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.10 min
 Lab File: BF082986.D
 Acq: 18 Nov 2015 00:57

Tgt Ion:244 Resp: 1906593
 Ion Ratio Lower Upper
 244 100
 212 8.0 7.6 11.4
 122 9.8 11.3 16.9#

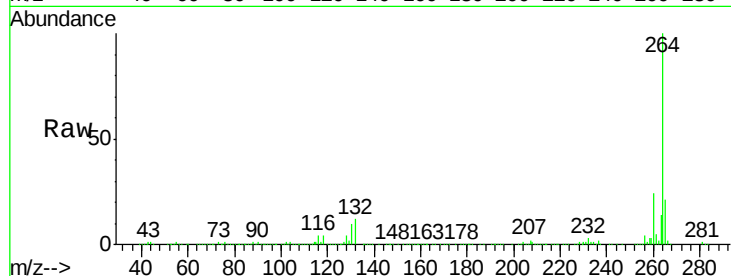




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BF082986.D
Acq: 18 Nov 2015 00:57

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	21.3	17.4	26.0



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

