

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082730.D
 Acq On : 5 Nov 2015 15:36
 Operator : UM/IZ
 Sample : G4261-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Nov 06 01:13:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

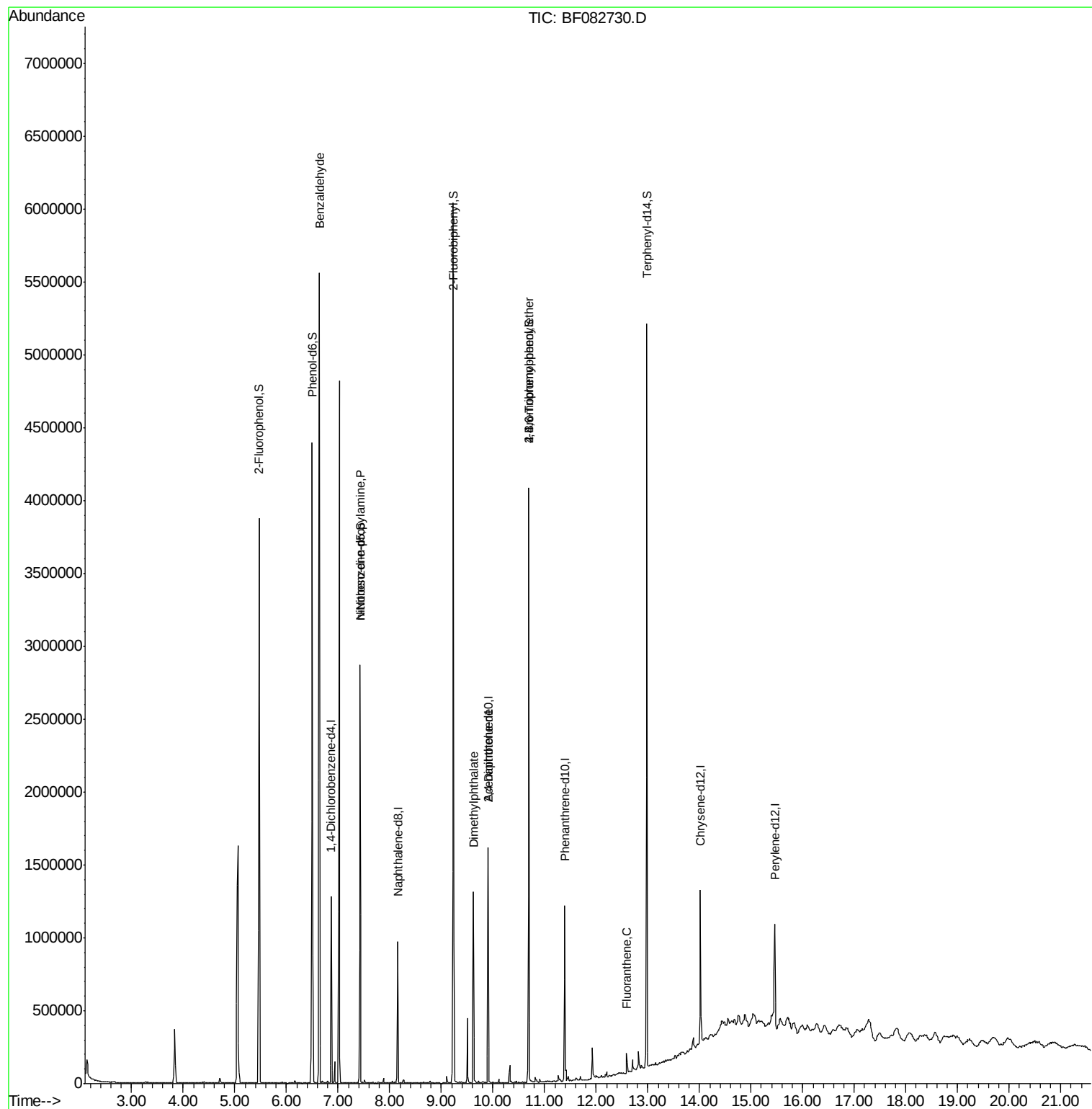
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	160550	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	579901	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	304007	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	529532	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	339341	20.00	ng	-0.03
86) Perylene-d12	15.46	264	317832	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1429552	134.11	ng	0.00
7) Phenol-d6	6.50	99	1686930	119.12	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1192880	84.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	433407	130.27	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1861423	86.93	ng	-0.02
78) Terphenyl-d14	12.98	244	1592875	102.73	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	41059	4.25	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.42	70	162195	15.11	ng	# 71
49) Dimethylphthalate	9.62	163	510602	20.57	ng	100
56) 2,4-Dinitrotoluene	9.90	165	39431	5.67	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	30882	5.15	ng	# 1
74) Fluoranthene	12.59	202	63823	2.09	ng	97

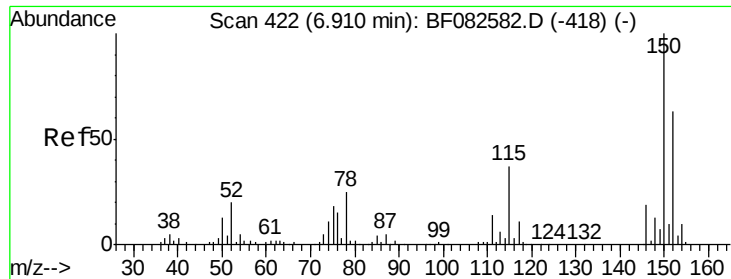
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082730.D

Acq: 5 Nov 2015 15:36

Instrument :

BNA_F

ClientSampled :

SB-3

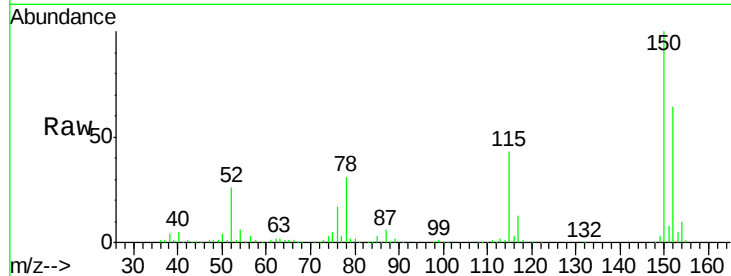
Tgt Ion:152 Resp: 160550

Ion Ratio Lower Upper

152 100

150 155.6 127.0 190.4

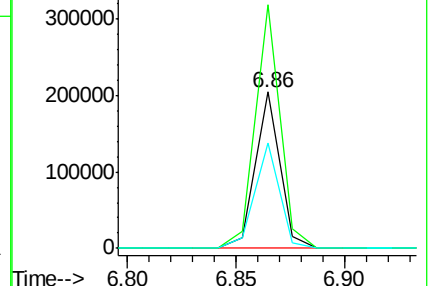
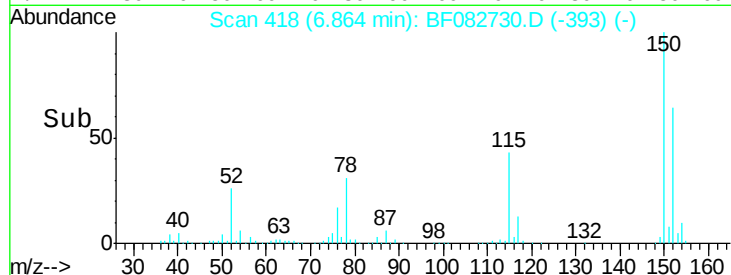
115 67.2 47.0 70.6



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: 134.11 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082730.D

Acq: 5 Nov 2015 15:36

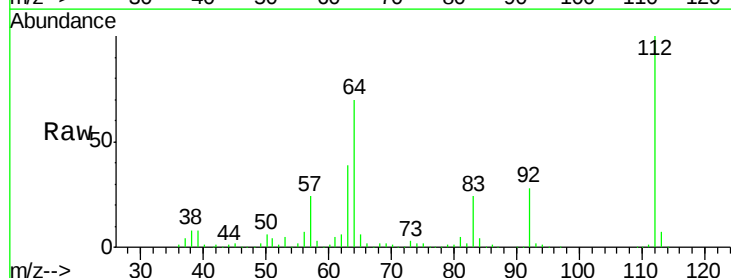
Tgt Ion:112 Resp: 1429552

Ion Ratio Lower Upper

112 100

64 70.3 48.9 73.3

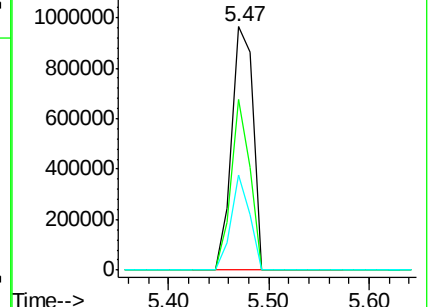
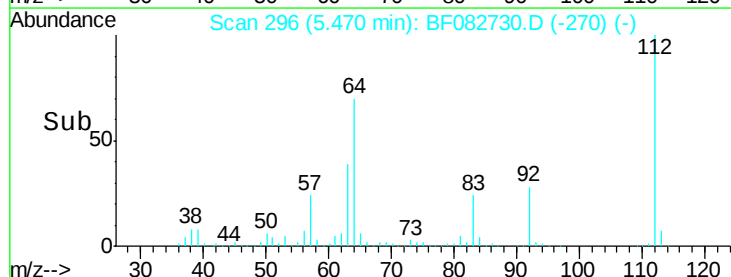
63 38.8 28.1 42.1

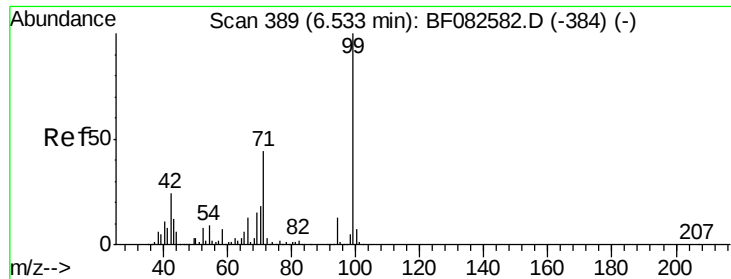


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.12 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082730.D

Acq: 5 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

SB-3

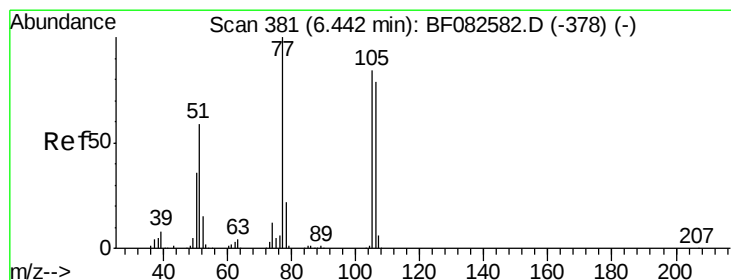
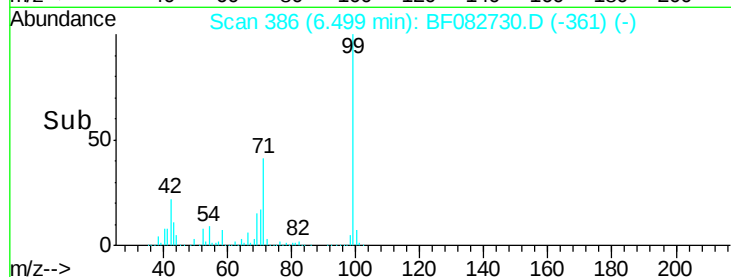
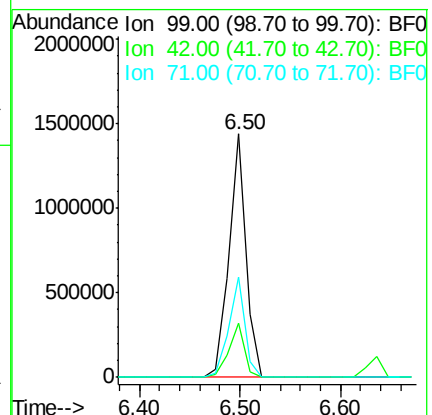
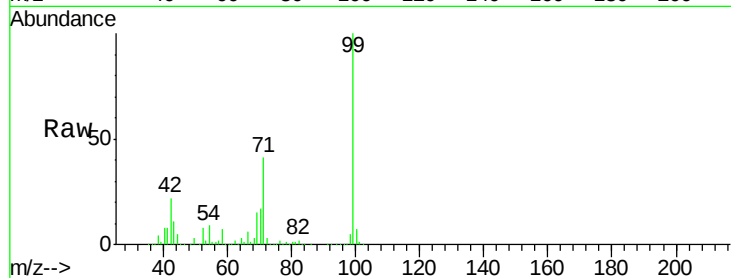
Tgt Ion: 99 Resp: 1686930

Ion Ratio Lower Upper

99 100

42 22.0 19.2 28.8

71 41.3 35.0 52.4



#9

Benzaldehyde

Concen: 4.25 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082730.D

Acq: 5 Nov 2015 15:36

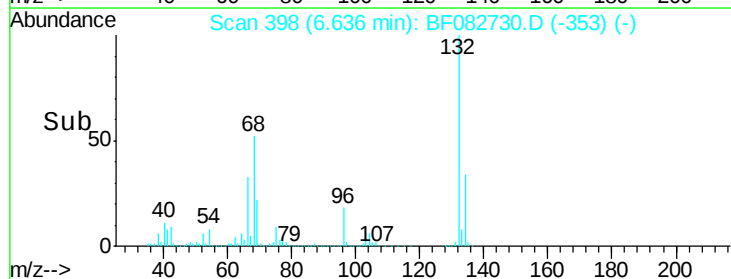
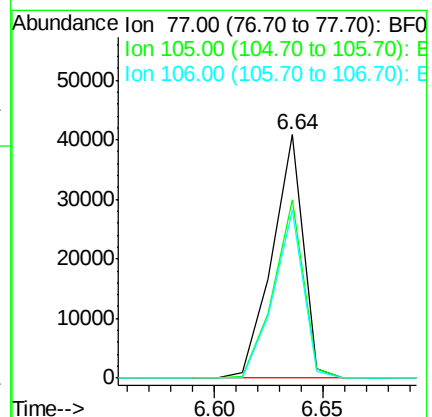
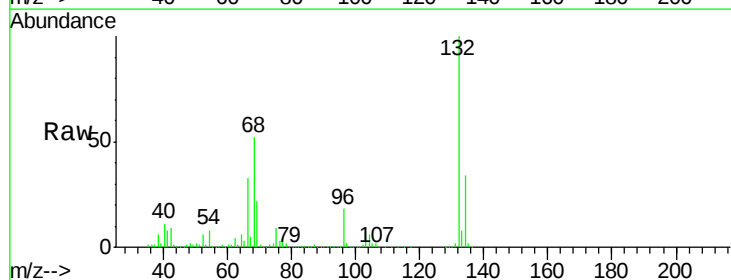
Tgt Ion: 77 Resp: 41059

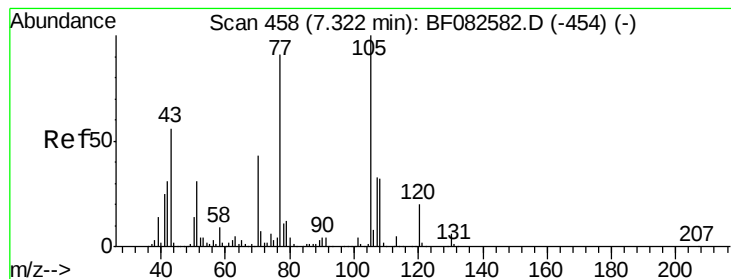
Ion Ratio Lower Upper

77 100

105 73.0 63.5 103.5

106 69.1 59.3 99.3





#19

n-Nitroso-di-n-propylamine

Concen: 15.11 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082730.D

Acq: 5 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

SB-3

Tgt Ion: 70 Resp: 162195

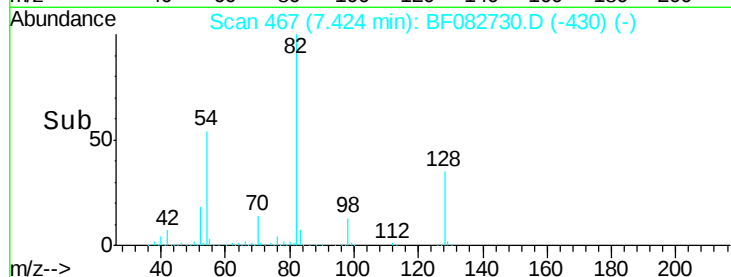
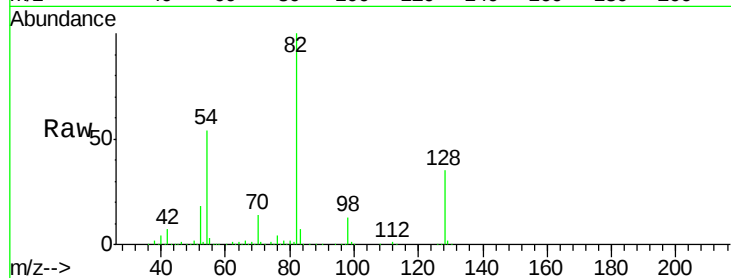
Ion Ratio Lower Upper

70 100

42 47.5 57.7 86.5#

101 0.0 7.0 10.6#

130 1.6 11.8 17.6#

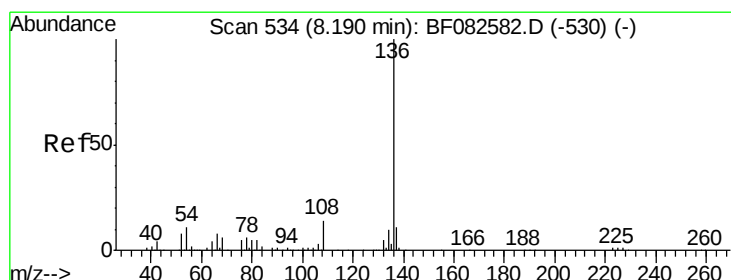
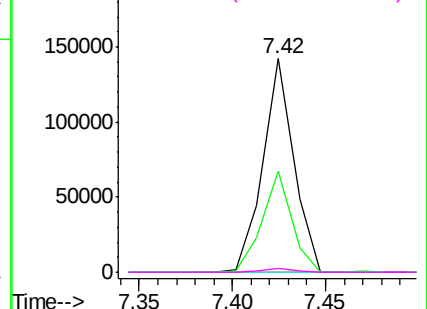


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF082730.D

Acq: 5 Nov 2015 15:36

Tgt Ion: 136 Resp: 579901

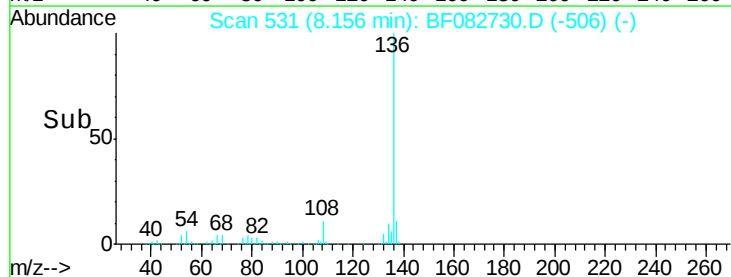
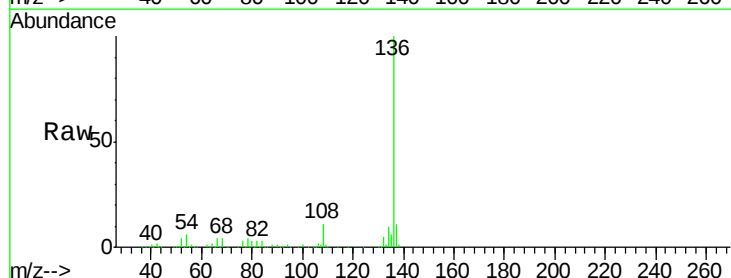
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.6 9.1 13.7#

68 3.9 4.8 7.2#

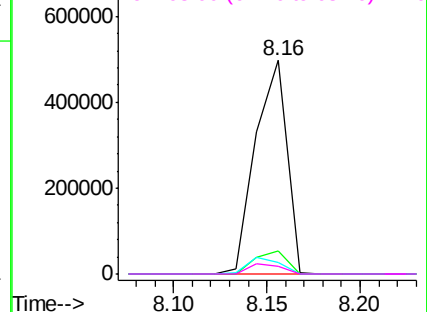


Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

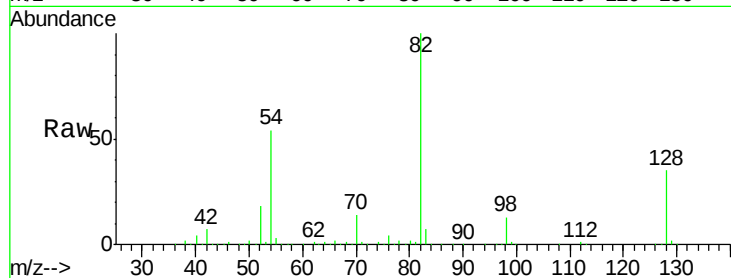




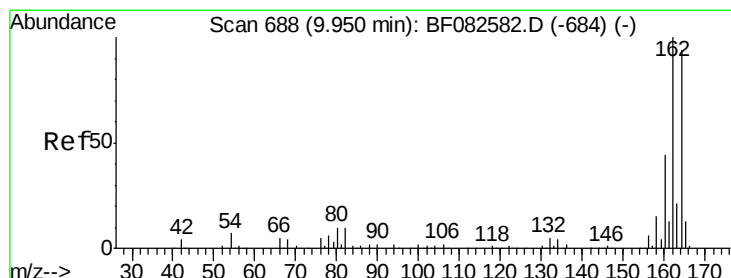
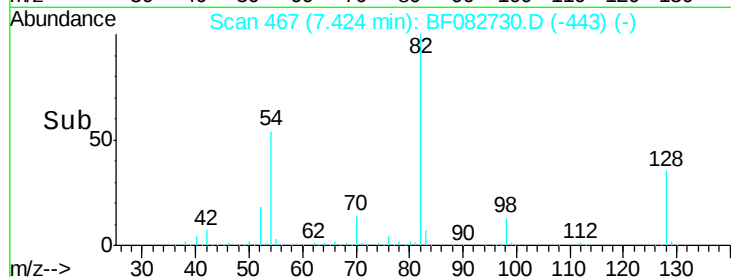
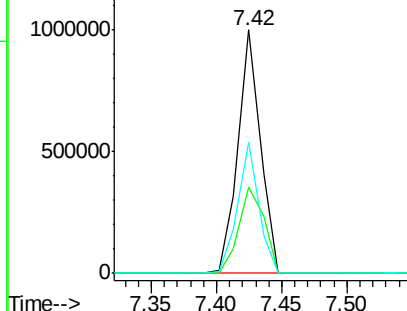
#23
 Nitrobenzene-d5
 Concen: 84.00 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082730.D
 Acq: 5 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampled :
 SB-3

Tgt Ion: 82 Resp: 1192880
 Ion Ratio Lower Upper
 82 100
 128 35.3 26.8 40.2
 54 54.0 45.7 68.5

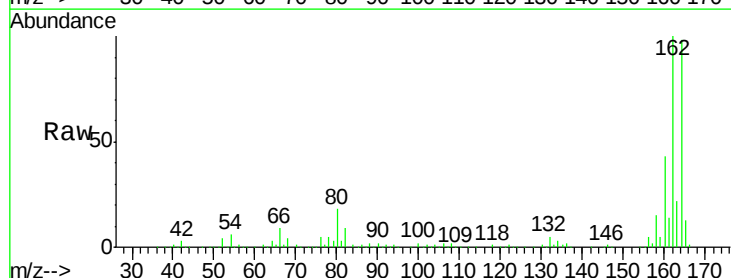


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

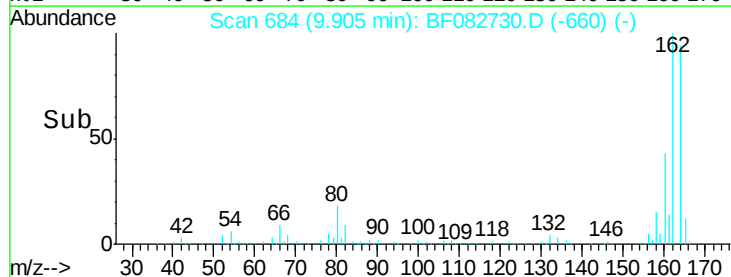
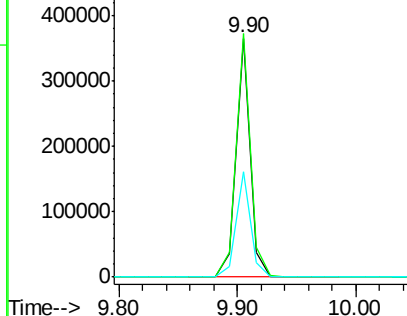


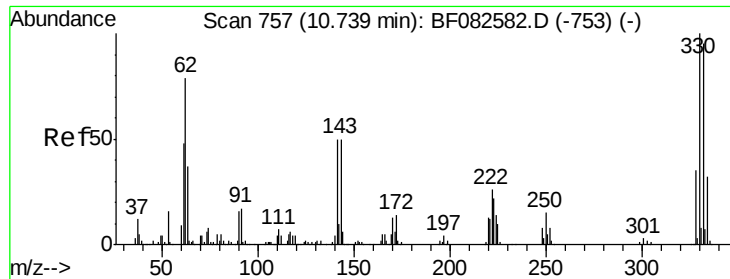
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082730.D
 Acq: 5 Nov 2015 15:36

Tgt Ion: 164 Resp: 304007
 Ion Ratio Lower Upper
 164 100
 162 101.9 84.9 127.3
 160 43.9 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

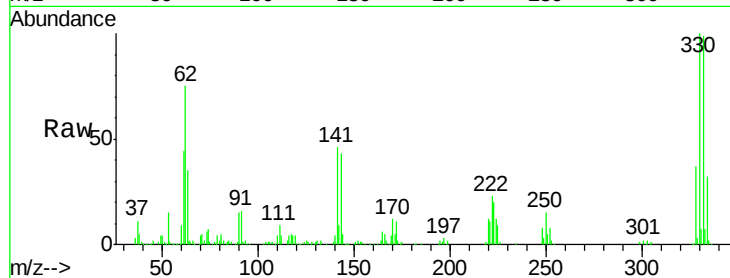




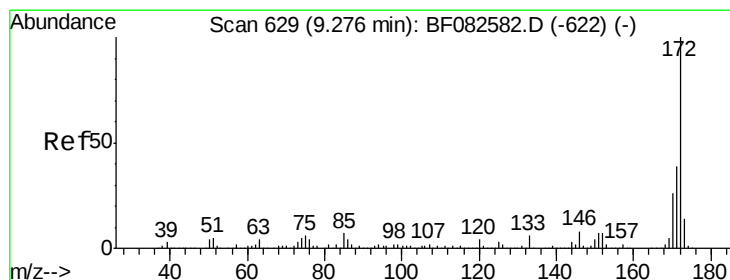
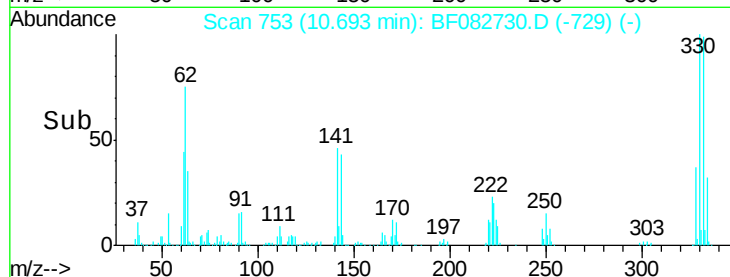
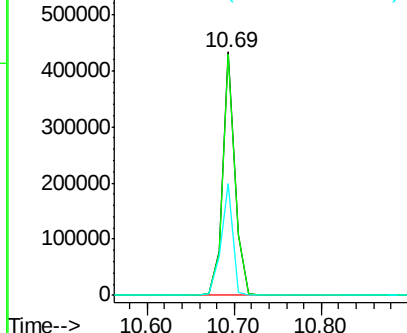
#41
 2,4,6-Tribromophenol
 Concen: 130.27 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082730.D
 Acq: 5 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Tgt Ion:330 Resp: 433407
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.6 114.8
 141 44.4 41.2 61.8

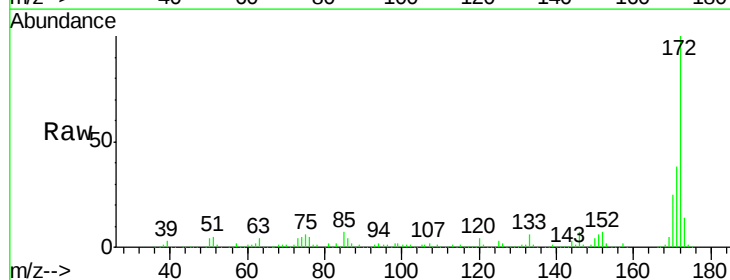


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

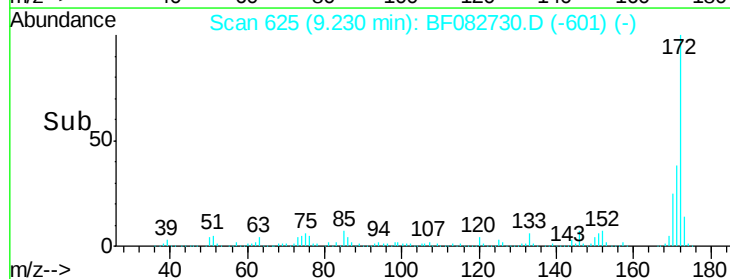
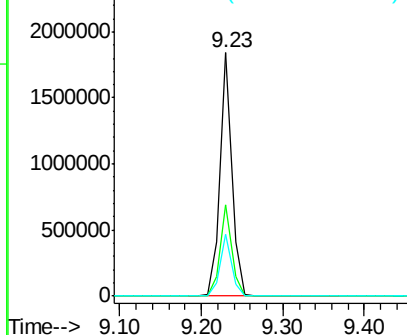


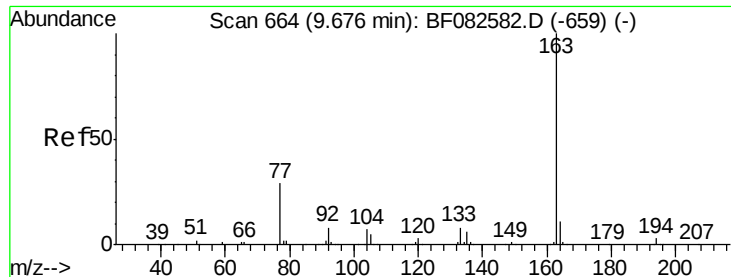
#44
 2-Fluorobiphenyl
 Concen: 86.93 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082730.D
 Acq: 5 Nov 2015 15:36

Tgt Ion:172 Resp: 1861423
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.4 21.2 31.8



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: 20.57 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082730.D

Acq: 5 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

SB-3

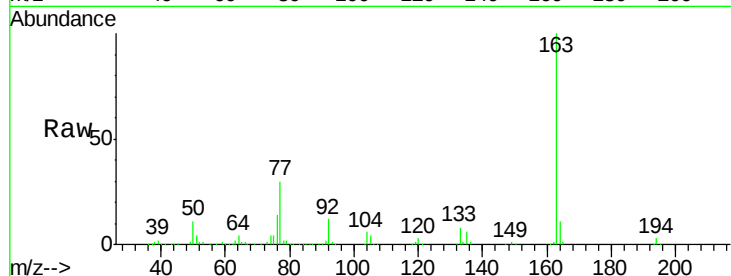
Tgt Ion:163 Resp: 510602

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

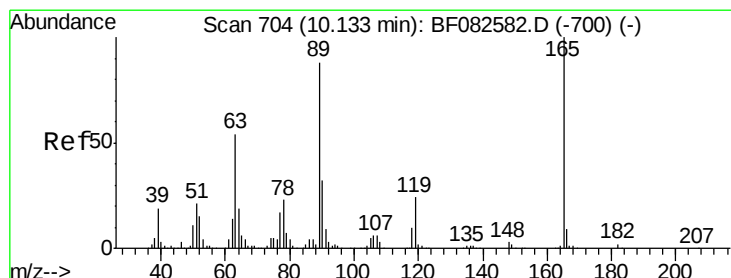
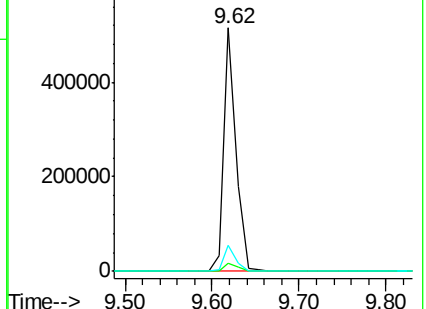
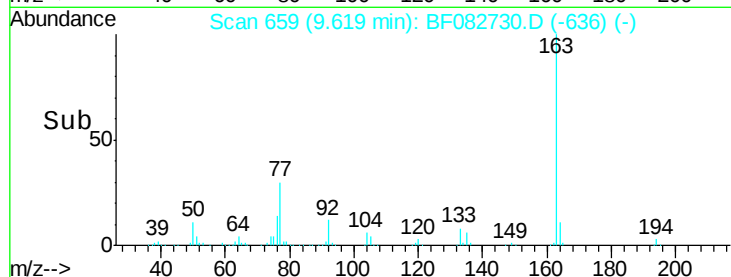
164 10.7 8.7 13.1



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



#56

2,4-Dinitrotoluene

Concen: 5.67 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082730.D

Acq: 5 Nov 2015 15:36

Tgt Ion:165 Resp: 39431

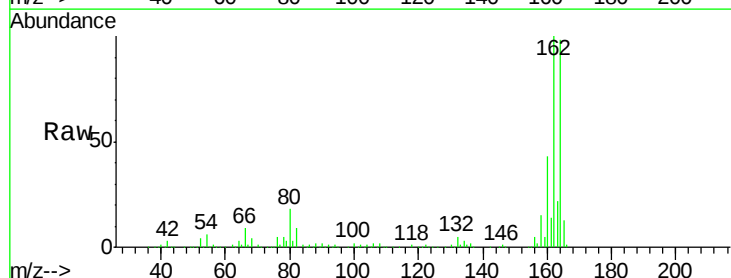
Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

89 1.3 70.6 106.0#

182 0.0 1.5 2.3#

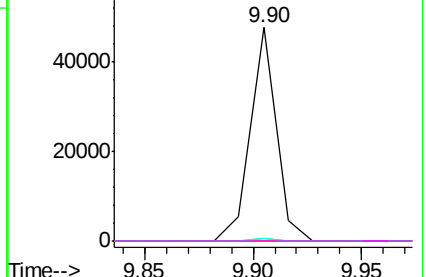
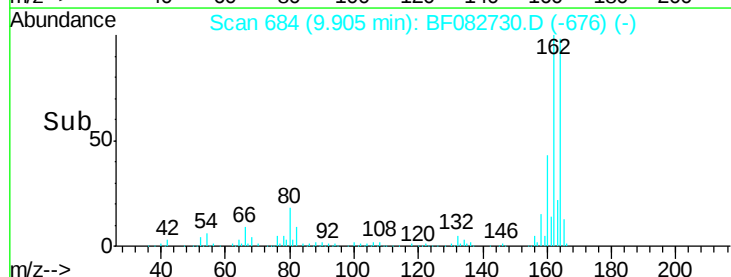


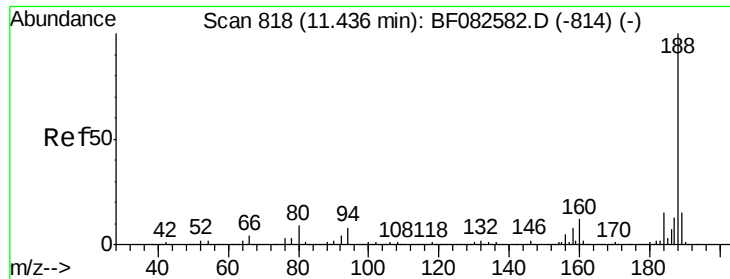
Abundance Ion 165.00 (164.70 to 165.70): E

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

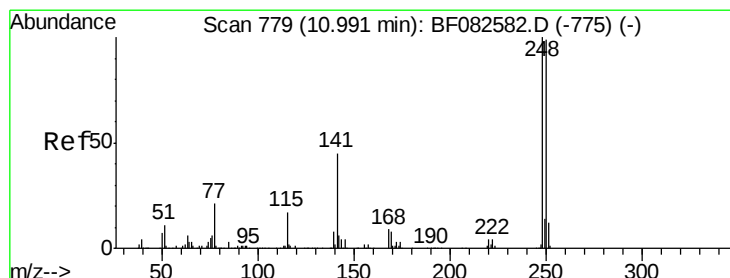
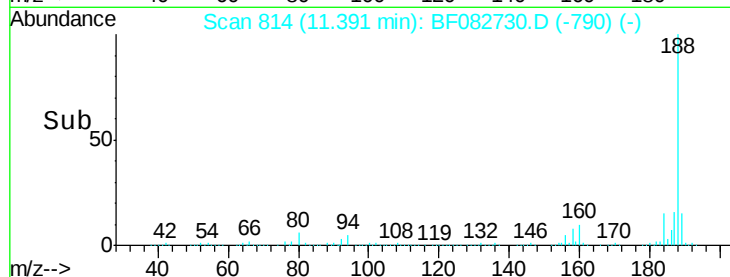
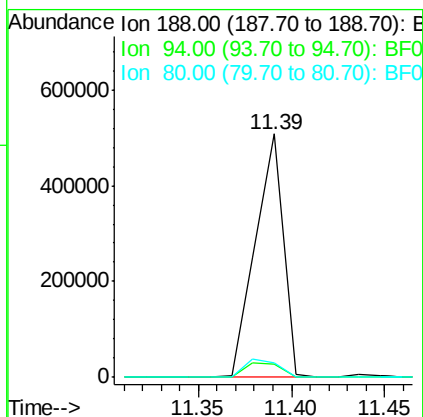
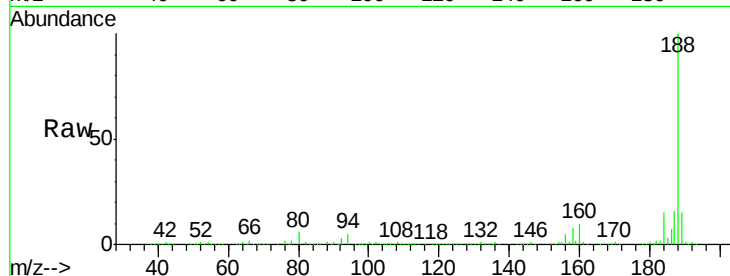




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF082730.D
 Acq: 5 Nov 2015 15:36

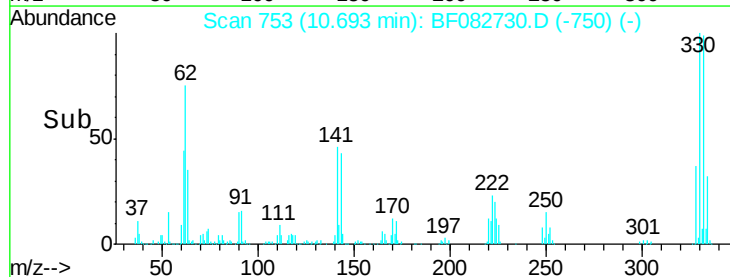
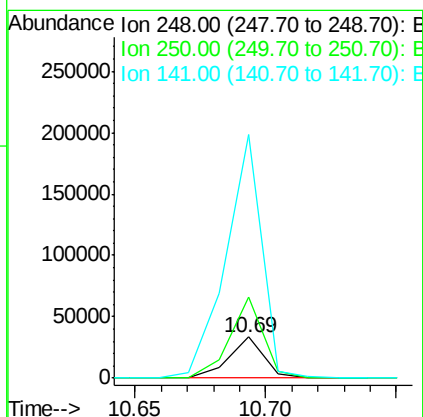
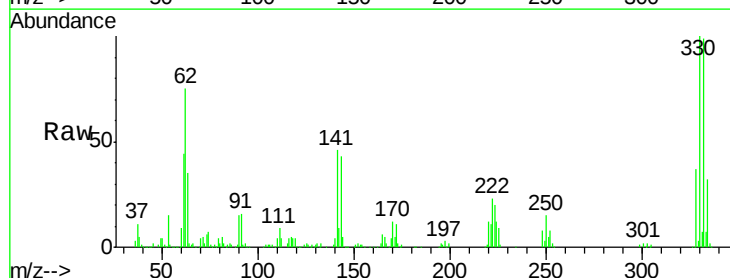
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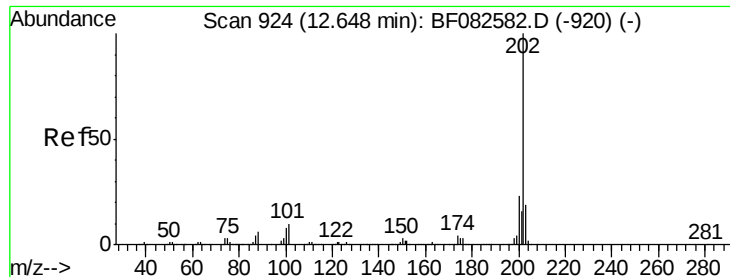
Tgt Ion:188 Resp: 529532
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.1 9.1#
 80 6.1 7.0 10.6#



#66
 4-Bromophenyl-phenylether
 Concen: 5.15 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082730.D
 Acq: 5 Nov 2015 15:36

Tgt Ion:248 Resp: 30882
 Ion Ratio Lower Upper
 248 100
 250 195.4 79.4 119.2#
 141 590.1 36.3 54.5#





#74

Fluoranthene

Concen: 2.09 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF082730.D

Acq: 5 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

SB-3

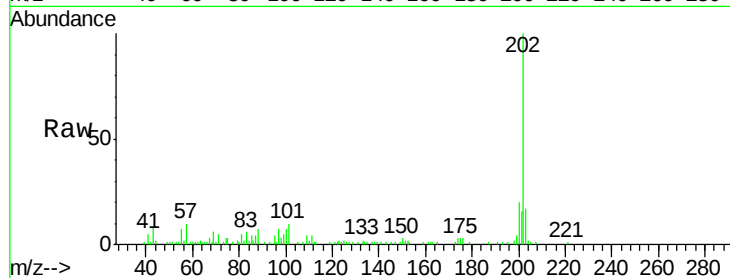
Tgt Ion:202 Resp: 63823

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.5

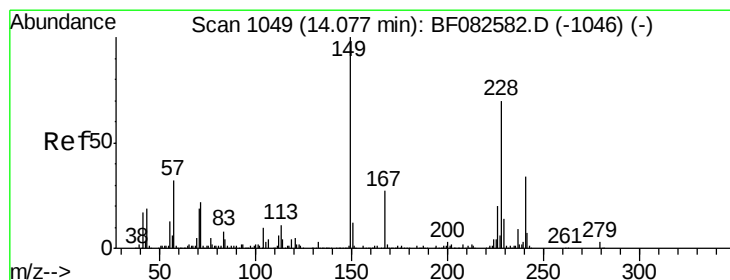
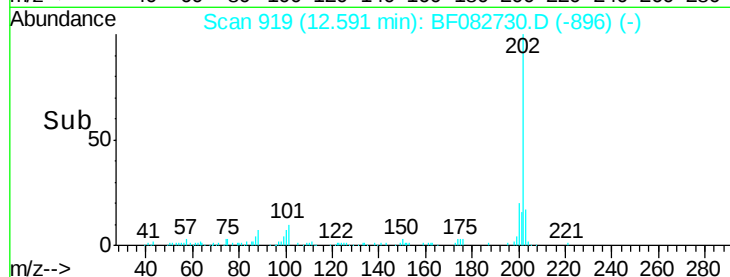
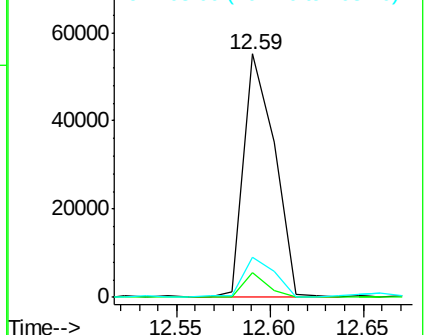
203 16.6 0.0 38.5



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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082730.D

Acq: 5 Nov 2015 15:36

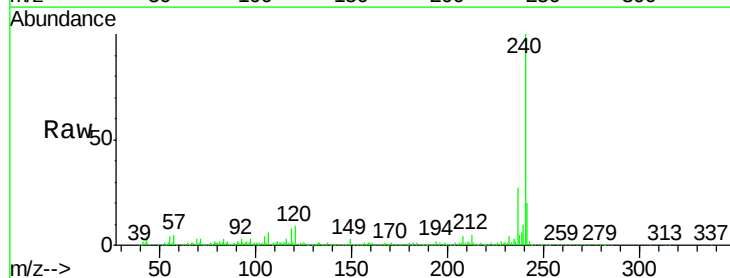
Tgt Ion:240 Resp: 339341

Ion Ratio Lower Upper

240 100

120 8.7 10.9 16.3#

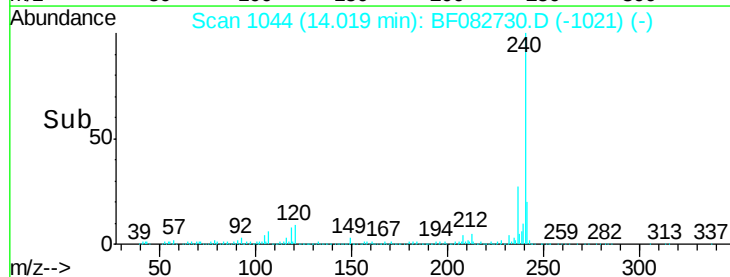
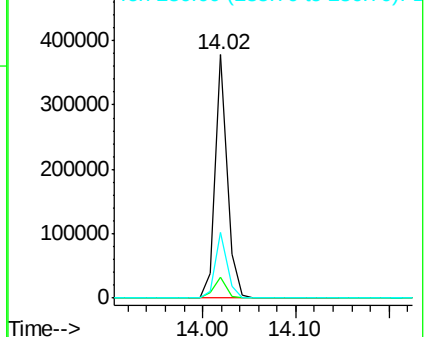
236 26.8 21.6 32.4

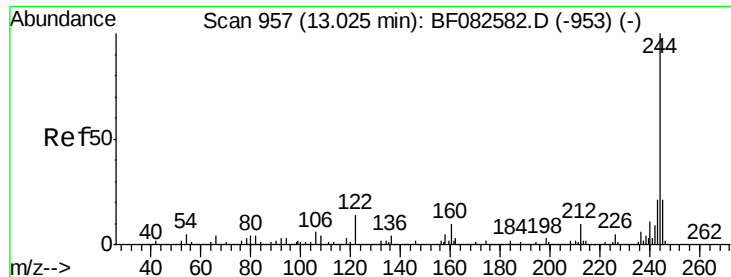


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

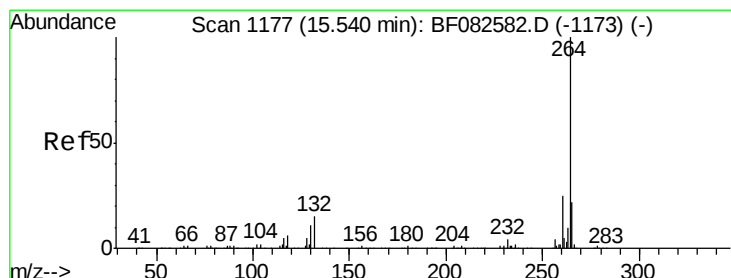
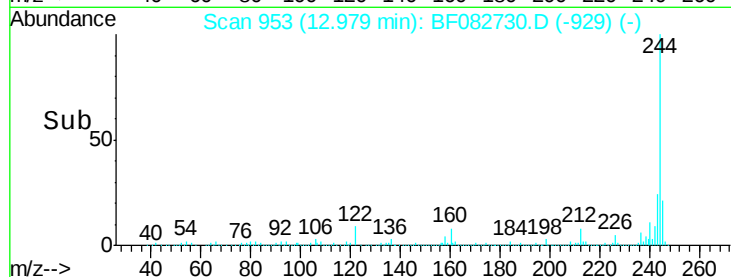
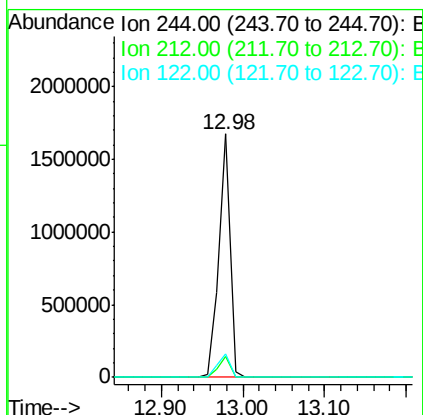
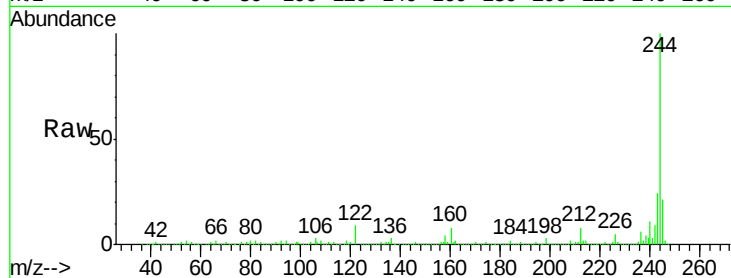




#78
 Terphenyl-d14
 Concen: 102.73 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.02 min
 Lab File: BF082730.D
 Acq: 5 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Tgt Ion:244 Resp: 1592875
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 9.5 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF082730.D
 Acq: 5 Nov 2015 15:36

Tgt Ion:264 Resp: 317832
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.6
 265 22.2 17.4 26.0

