

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082186.D
 Acq On : 10 Oct 2015 20:10
 Operator : UM/IZ
 Sample : G3979-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A14COMP

Quant Time: Oct 12 02:09:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

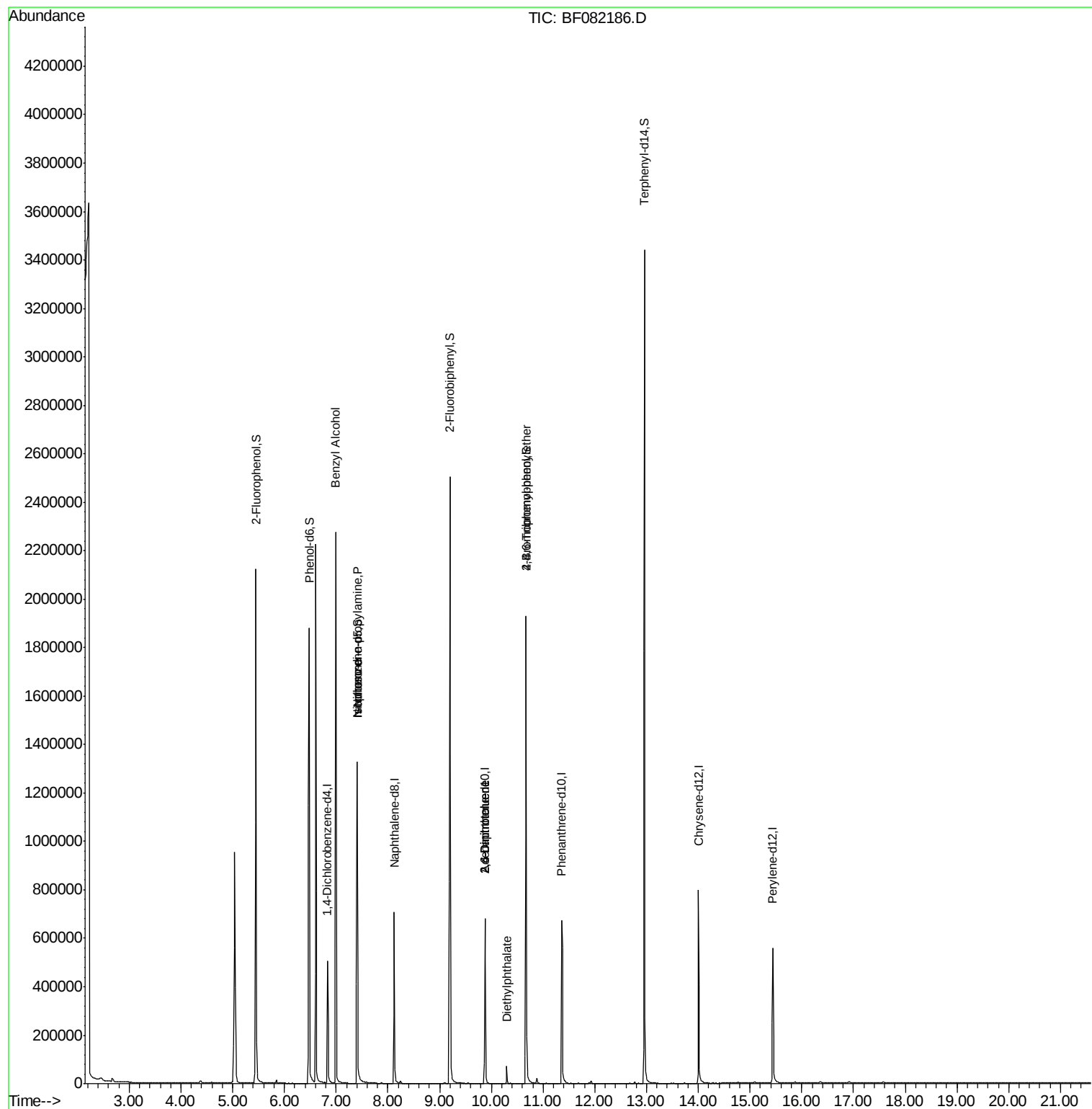
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	99867	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	400744	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	200816	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	410983	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	379408	20.00	ng	-0.01
86) Perylene-d12	15.44	264	298920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	692113	139.87	ng	0.02
7) Phenol-d6	6.48	99	858473	133.32	ng	0.00
23) Nitrobenzene-d5	7.41	82	576191	96.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	304106	161.48	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1206729	99.65	ng	-0.01
78) Terphenyl-d14	12.96	244	1352864	94.49	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.99	79	9581	2.16	ng	# 48
19) n-Nitroso-di-n-propylamine	7.41	70	73995	16.36	ng	# 80
25) Isophorone	7.41	82	456813	37.93	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	24949	8.36	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	24949	6.69	ng	# 21
59) Diethylphthalate	10.30	149	29054	2.20	ng	98
66) 4-Bromophenyl-phenylether	10.67	248	20625	5.01	ng	# 1

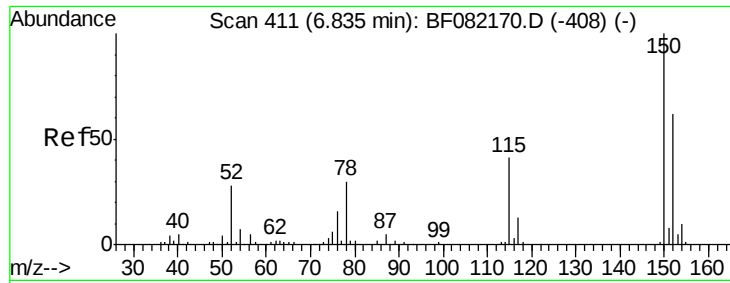
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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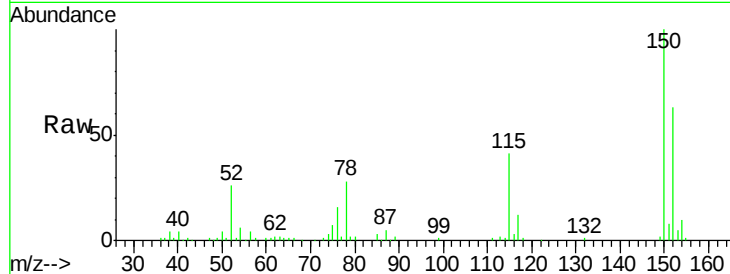


#1

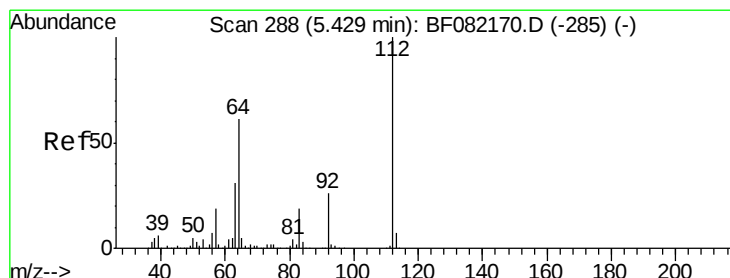
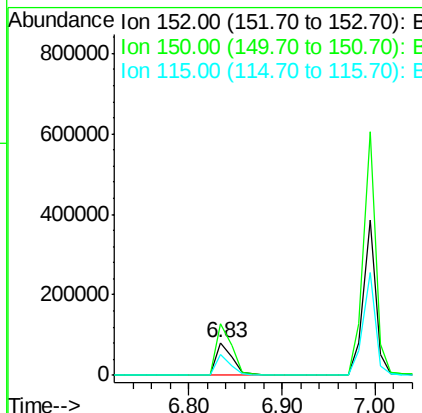
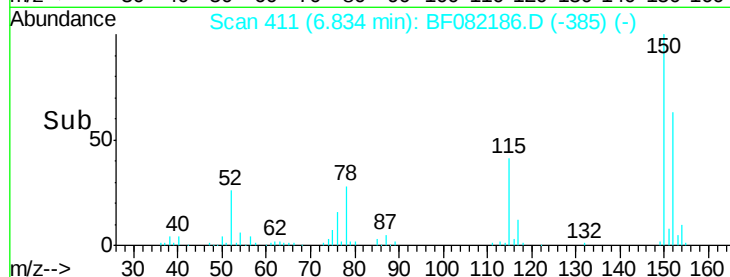
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082186.D
Acq: 10 Oct 2015 20:10

Instrument :
BNA_F
ClientSampleId :
A14COMP

Tot Ion:152 Resp: 99867
Ion Ratio Lower Upper
152 100
150 158.1 129.0 193.4
115 64.0 52.1 78.1



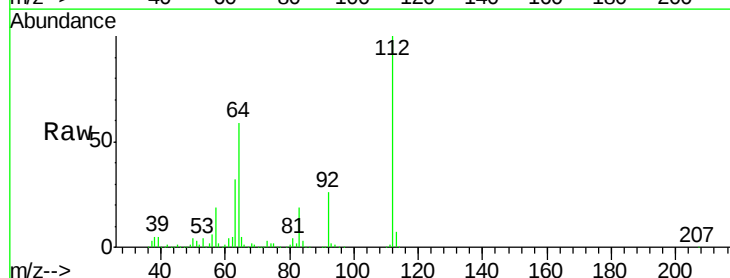
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



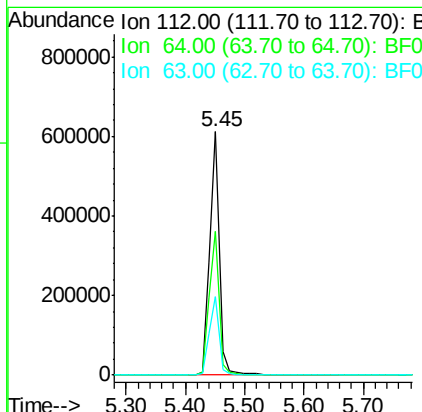
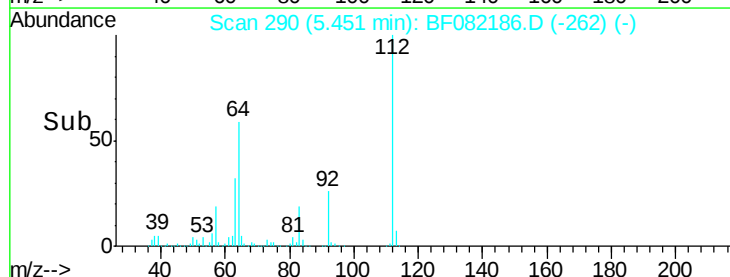
#5

2-Fluorophenol
Concen: 139.87 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF082186.D
Acq: 10 Oct 2015 20:10

Tgt Ion:112 Resp: 692113
Ion Ratio Lower Upper
112 100
64 59.3 48.6 73.0
63 32.0 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: 133.32 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082186.D

Acq: 10 Oct 2015 20:10

Instrument :

BNA_F

ClientSampleId :

A14COMP

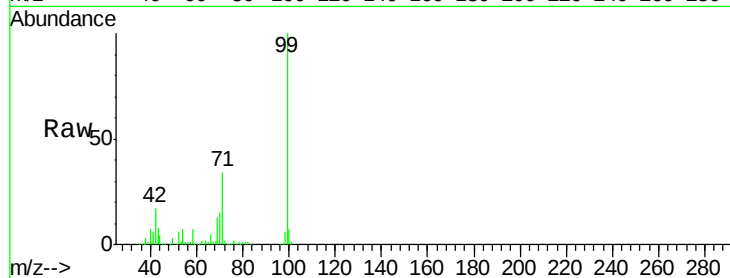
Tot Ion: 99 Resp: 858473

Ion Ratio Lower Upper

99 100

42 16.9 13.2 19.8

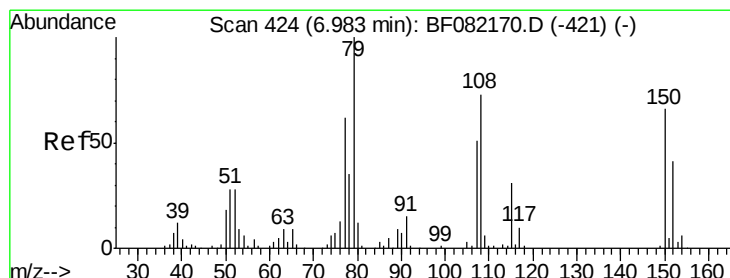
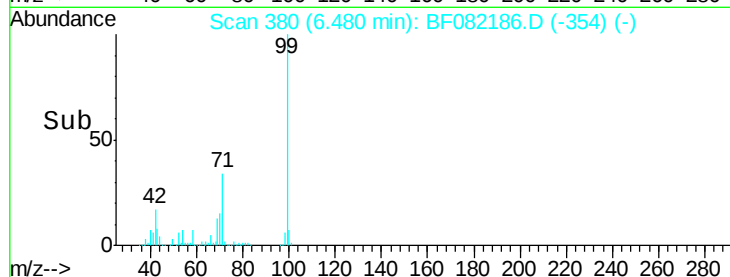
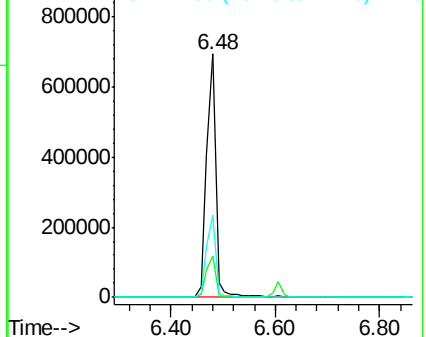
71 33.7 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082186.D

Acq: 10 Oct 2015 20:10

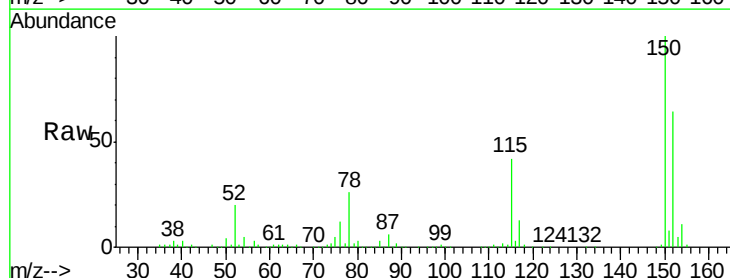
Tgt Ion: 79 Resp: 9581

Ion Ratio Lower Upper

79 100

108 29.5 58.4 87.6#

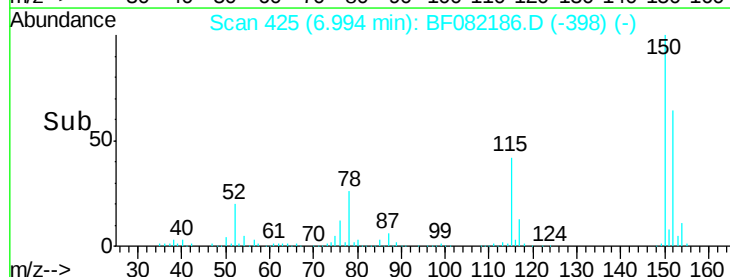
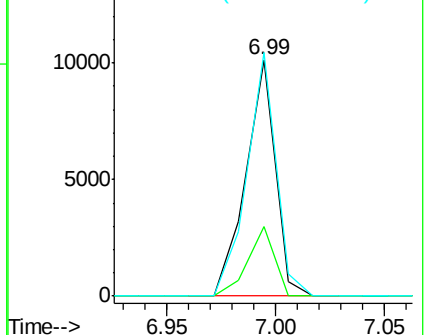
77 103.1 49.8 74.6#

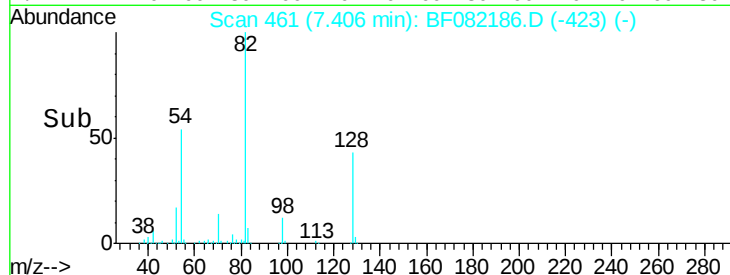
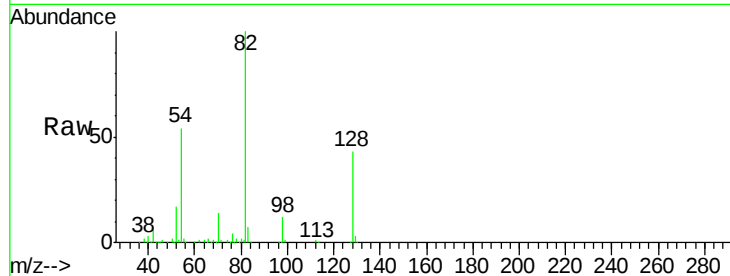


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

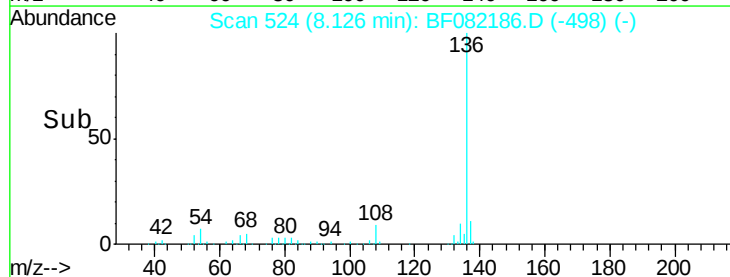
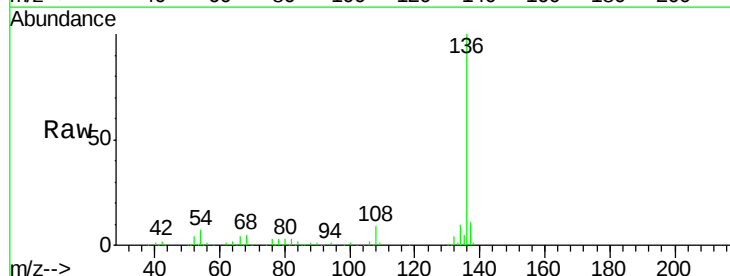
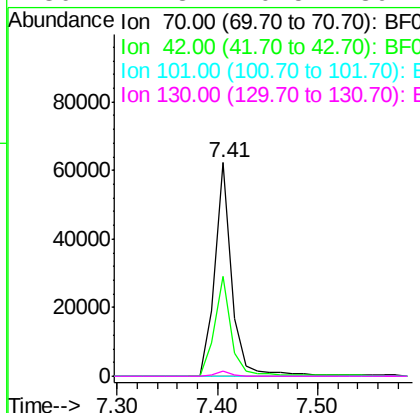




#19
n-Nitroso-di-n-propylamine
Concen: 16.36 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.14 min
Lab File: BF082186.D
Acq: 10 Oct 2015 20:10

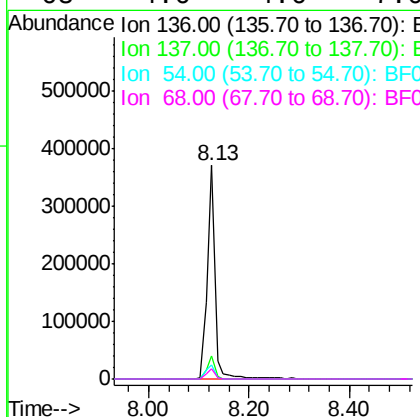
Instrument :
BNA_F
ClientSampleId :
A14COMP

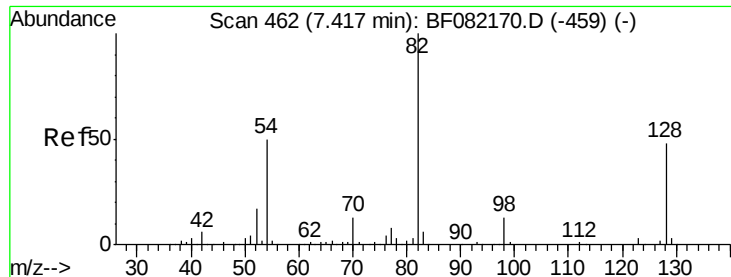
Tot Ion: 70 Resp: 73995
Ion Ratio Lower Upper
70 100
42 46.8 39.8 59.8
101 0.0 8.6 13.0#
130 2.3 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082186.D
Acq: 10 Oct 2015 20:10

Tgt Ion:136 Resp: 400744
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.8 7.5 11.3#
68 4.6 4.6 7.0#

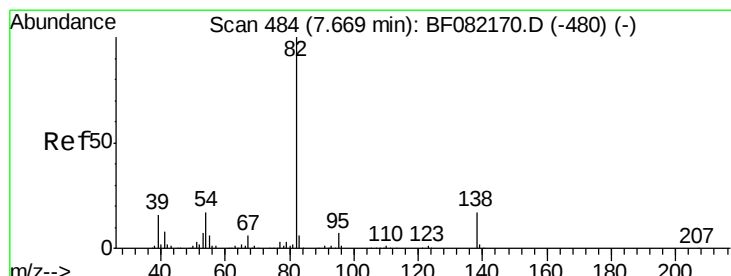
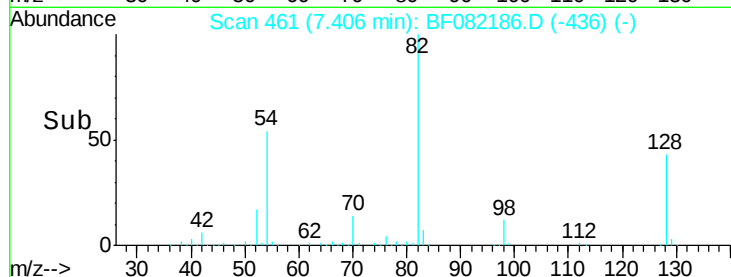
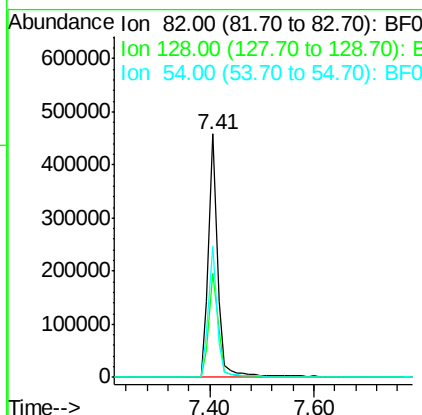
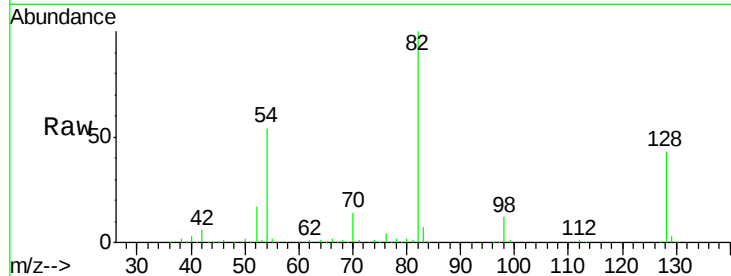




#23
Nitrobenzene-d5
Concen: 96.56 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082186.D
Acq: 10 Oct 2015 20:10

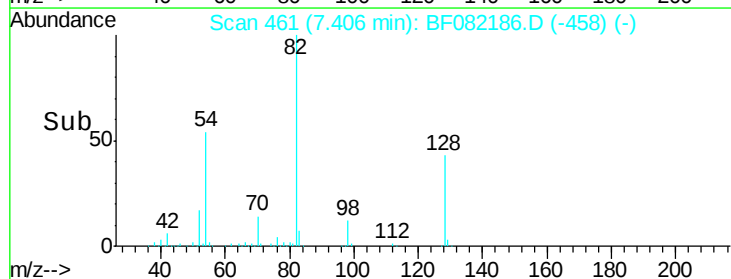
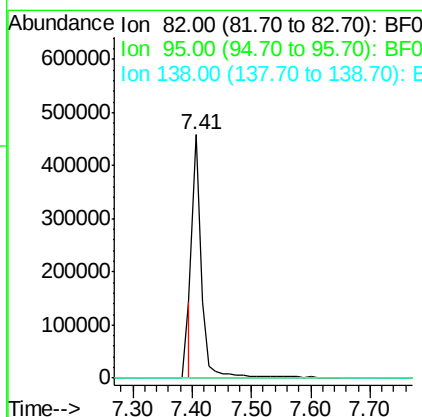
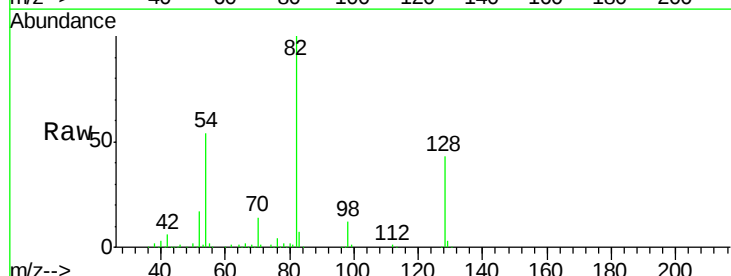
Instrument :
BNA_F
ClientSampleId :
A14COMP

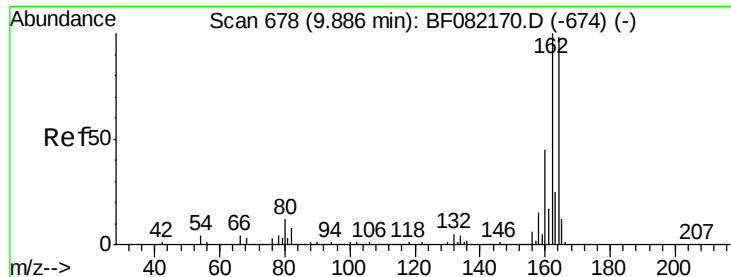
Tot Ion: 82 Resp: 576191
Ion Ratio Lower Upper
82 100
128 42.7 38.7 58.1
54 53.9 40.1 60.1



#25
Isophorone
Concen: 37.93 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.26 min
Lab File: BF082186.D
Acq: 10 Oct 2015 20:10

Tgt Ion: 82 Resp: 456813
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. -0.01 min

Lab File: BF082186.D

Acq: 10 Oct 2015 20:10

Instrument :

BNA_F

ClientSampleId :

A14COMP

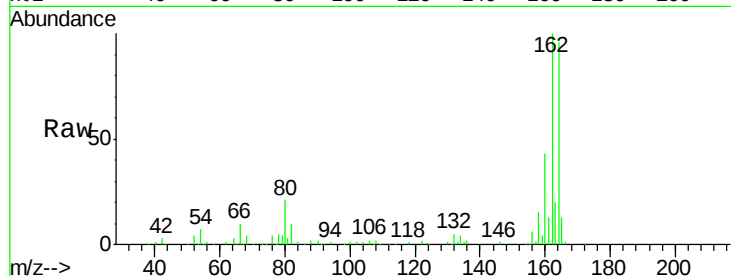
Tot Ion:164 Resp: 200816

Ion Ratio Lower Upper

164 100

162 104.4 81.6 122.4

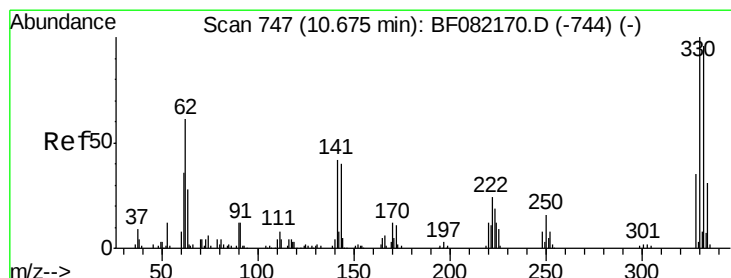
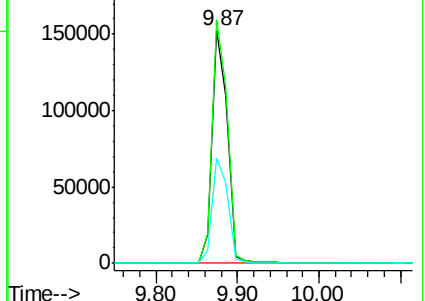
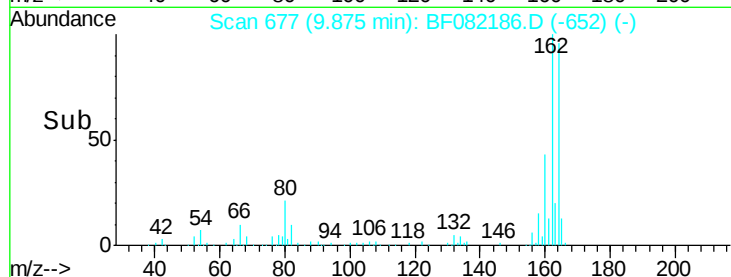
160 45.1 36.4 54.6



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: 161.48 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF082186.D

Acq: 10 Oct 2015 20:10

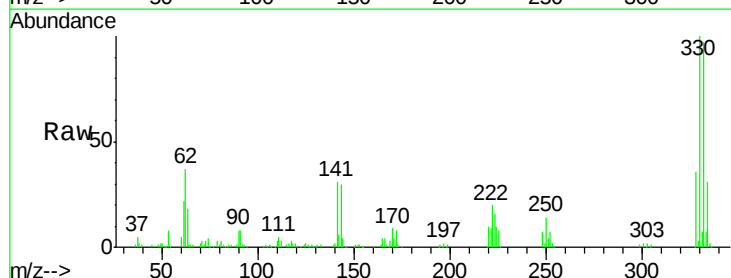
Tgt Ion:330 Resp: 304106

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

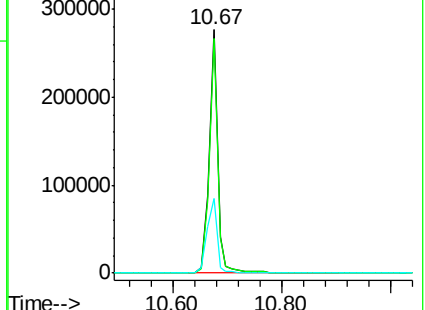
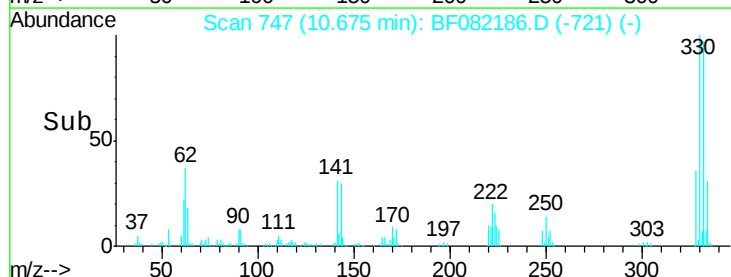
141 35.9 29.8 44.8



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

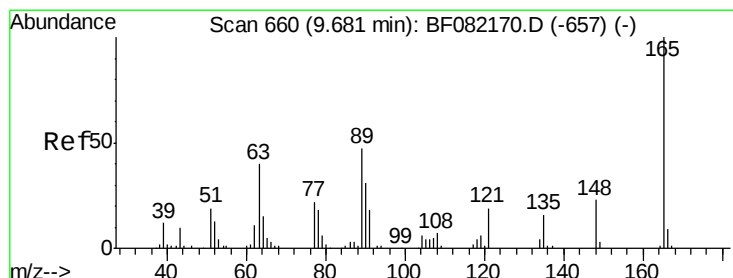
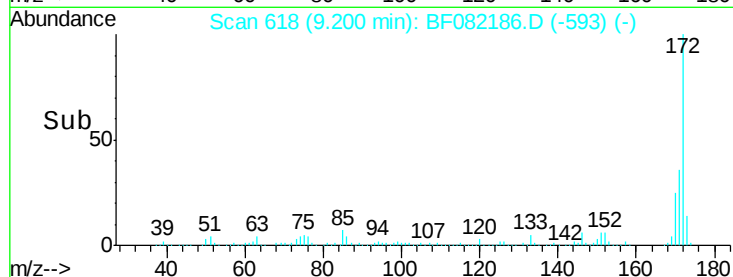
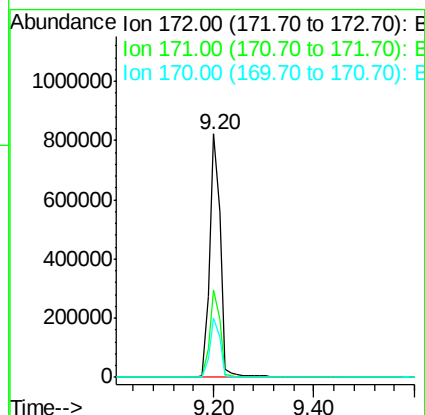
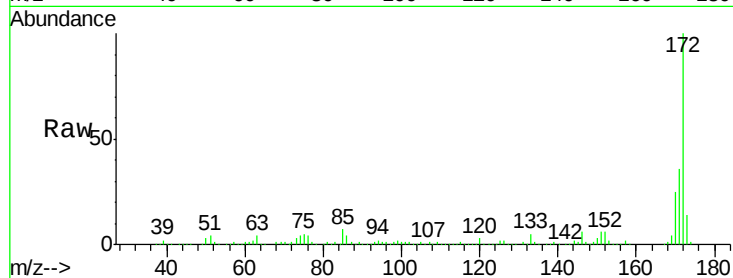




#44
 2-Fluorobiphenyl
 Concen: 99.65 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082186.D
 Acq: 10 Oct 2015 20:10

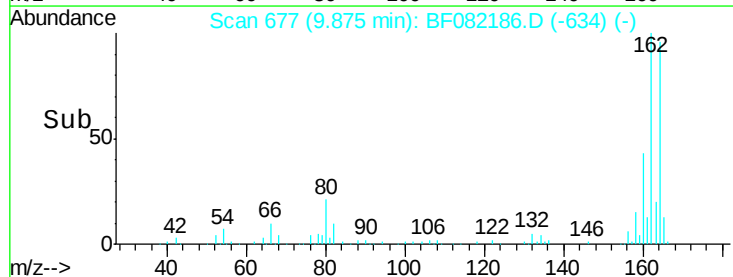
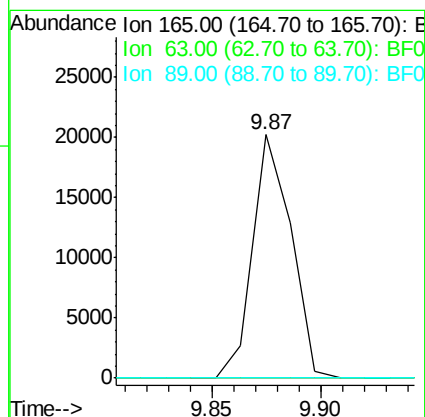
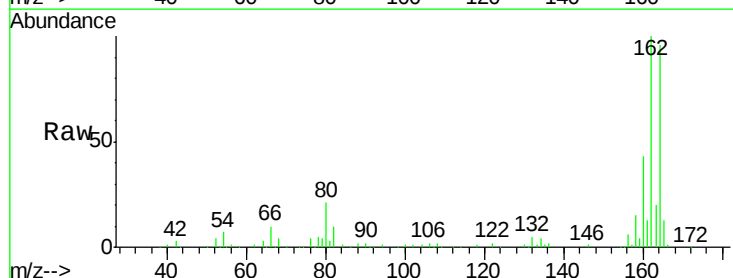
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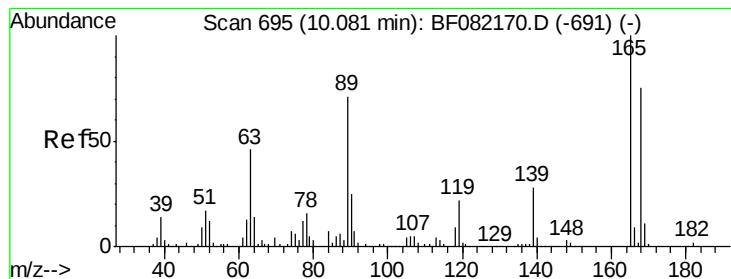
Tot Ion:172 Resp: 1206729
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 24.6 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 8.36 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF082186.D
 Acq: 10 Oct 2015 20:10

Tgt Ion:165 Resp: 24949
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.7 55.1#
 89 0.0 37.8 56.6#





#56

2,4-Dinitrotoluene

Concen: 6.69 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.21 min

Lab File: BF082186.D

Acq: 10 Oct 2015 20:10

Instrument :

BNA_F

ClientSampleId :

A14COMP

Tot Ion:165 Resp: 24949

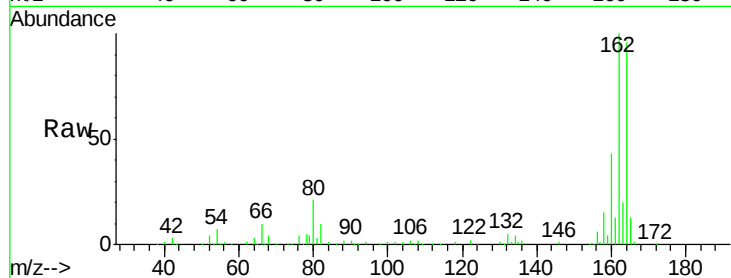
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 57.0 85.6#

182 0.0 1.8 2.6#

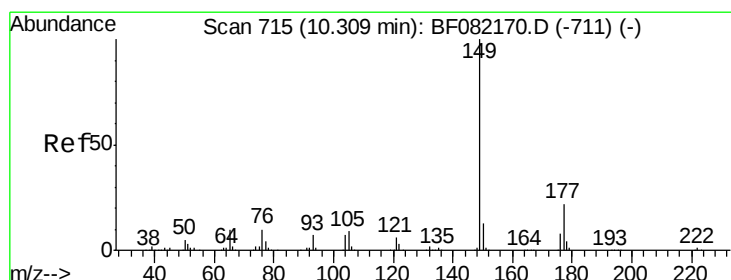
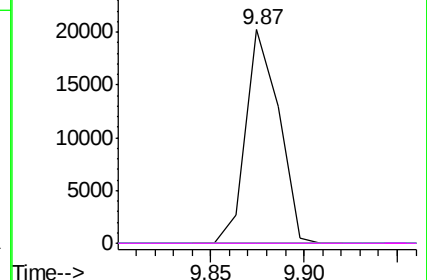
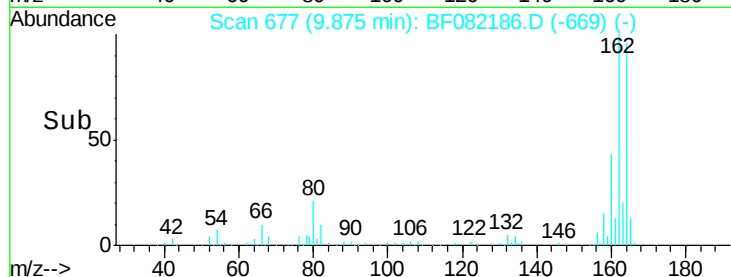


Abundance Ion 165.00 (164.70 to 165.70): E

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: 2.20 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082186.D

Acq: 10 Oct 2015 20:10

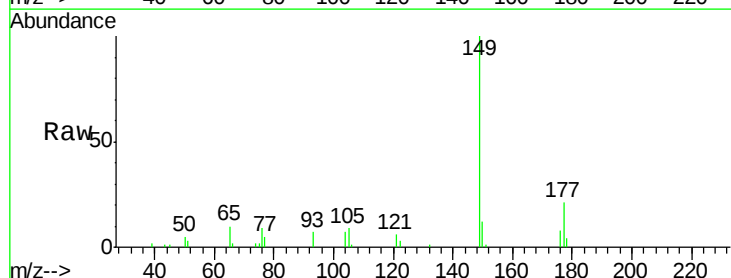
Tgt Ion:149 Resp: 29054

Ion Ratio Lower Upper

149 100

177 21.3 17.6 26.4

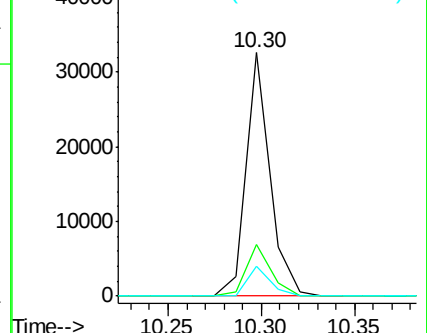
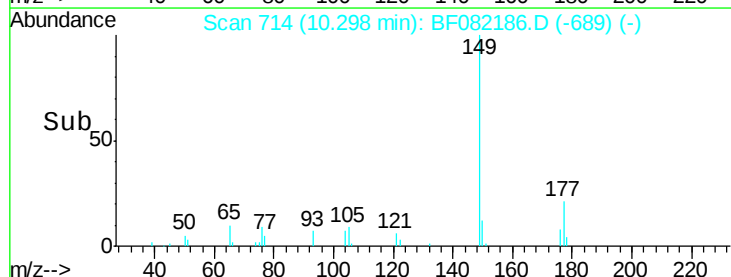
150 12.2 10.3 15.5

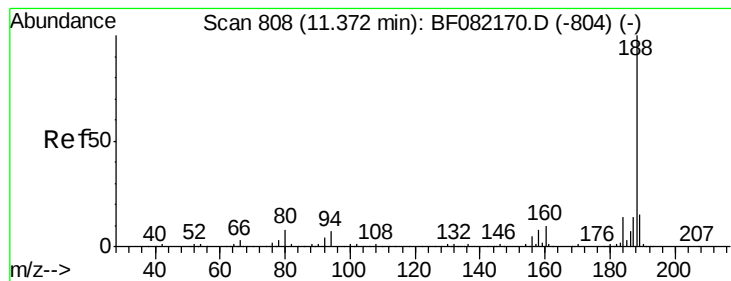


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.01 min

Lab File: BF082186.D

Acq: 10 Oct 2015 20:10

Instrument :

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A14COMP

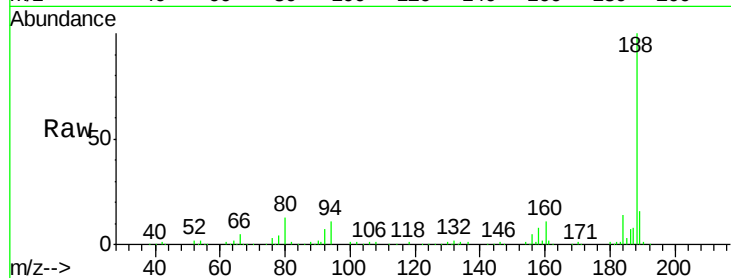
Tot Ion:188 Resp: 410983

Ion Ratio Lower Upper

188 100

94 11.4 5.8 8.6#

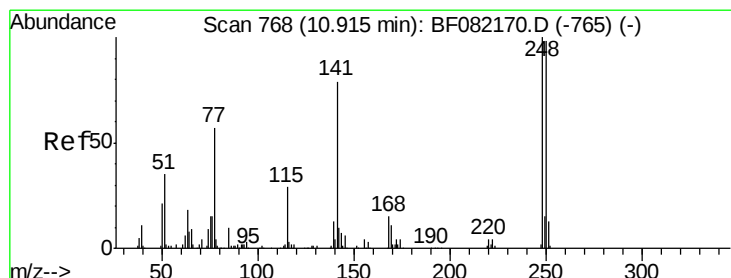
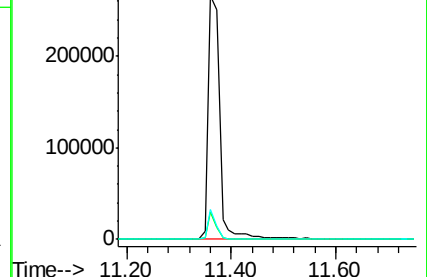
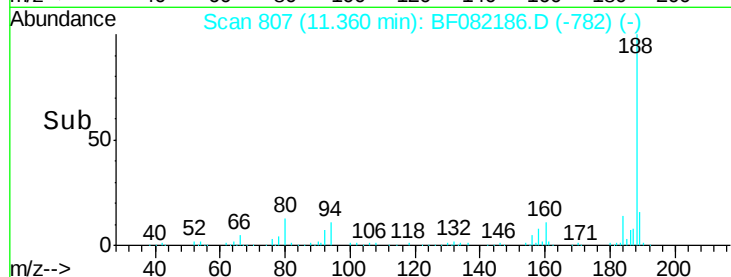
80 12.5 6.4 9.6#



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



#66

4-Bromophenyl-phenylether

Concen: 5.01 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF082186.D

Acq: 10 Oct 2015 20:10

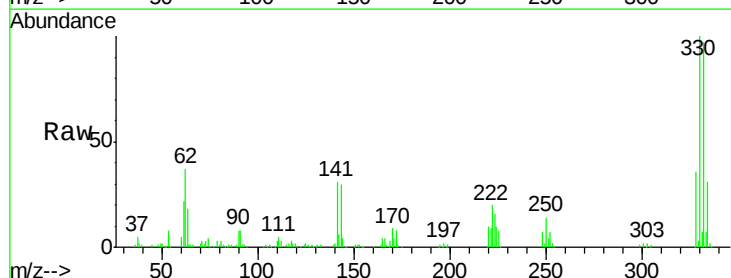
Tgt Ion:248 Resp: 20625

Ion Ratio Lower Upper

248 100

250 200.5 78.6 117.8#

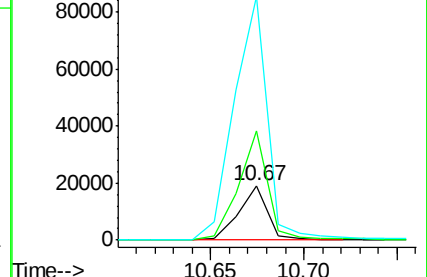
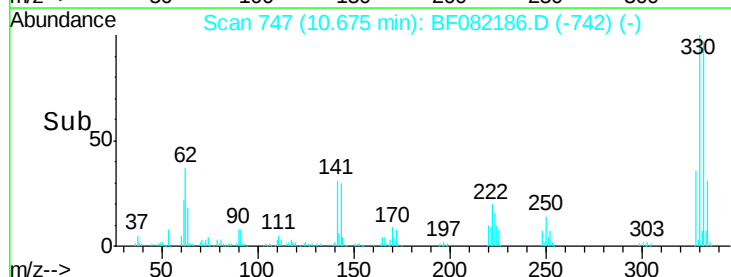
141 448.9 63.3 94.9#

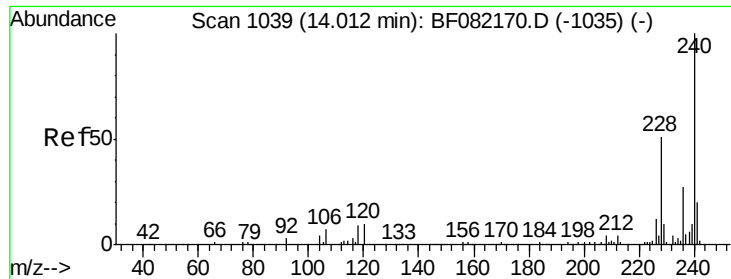


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082186.D

Acq: 10 Oct 2015 20:10

Instrument :

BNA_F

ClientSampleId :

A14COMP

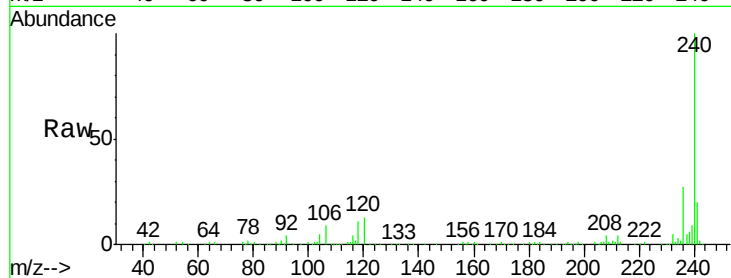
Tot Ion:240 Resp: 379408

Ion Ratio Lower Upper

240 100

120 12.8 8.1 12.1#

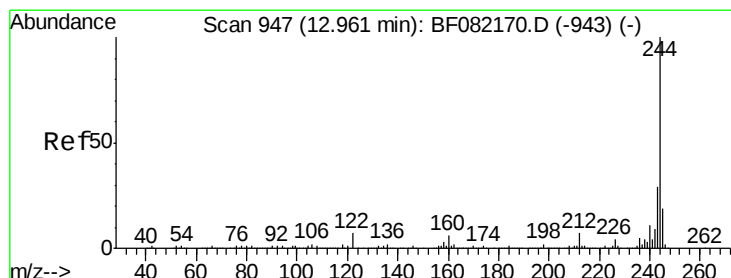
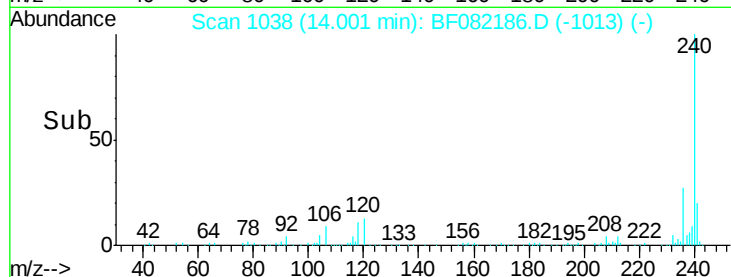
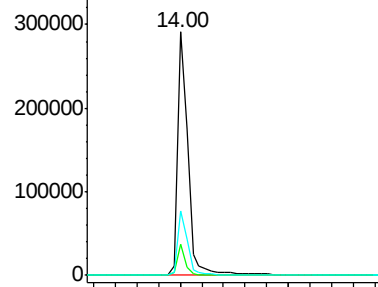
236 26.6 21.3 31.9



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: 94.49 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF082186.D

Acq: 10 Oct 2015 20:10

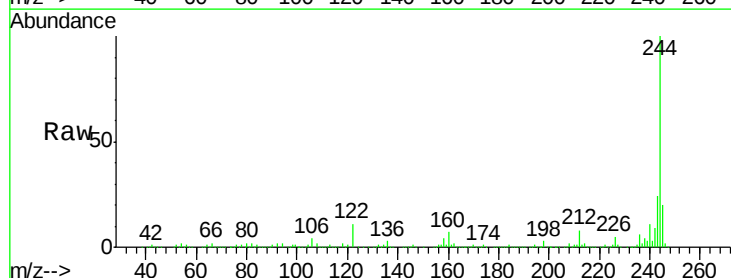
Tgt Ion:244 Resp: 1352864

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

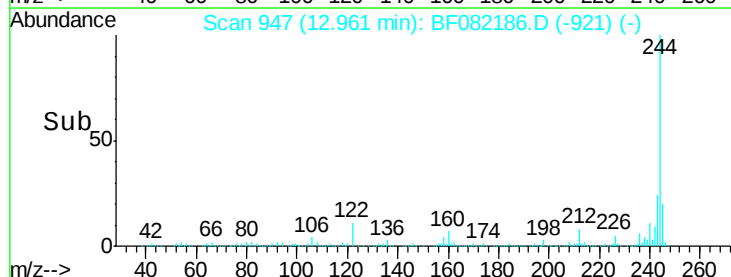
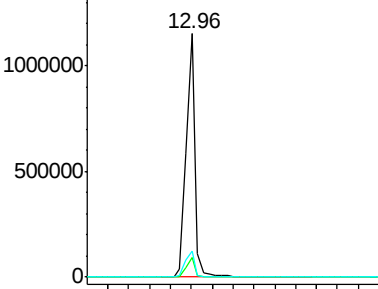
122 10.5 5.9 8.9#

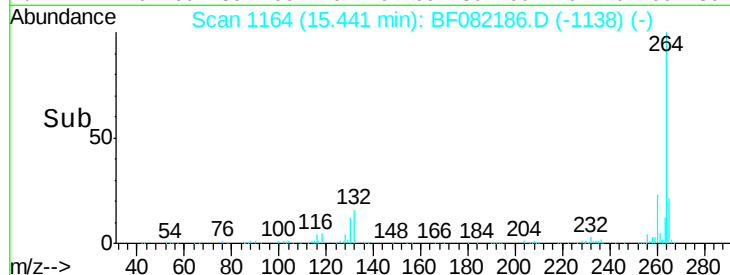
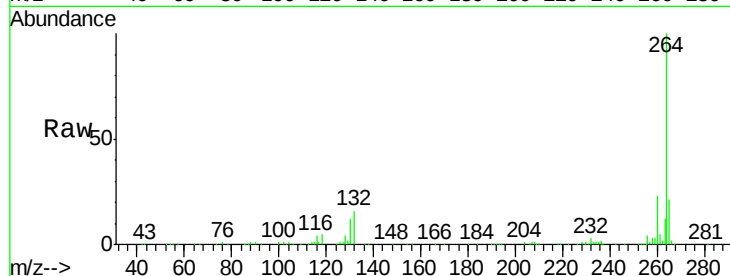
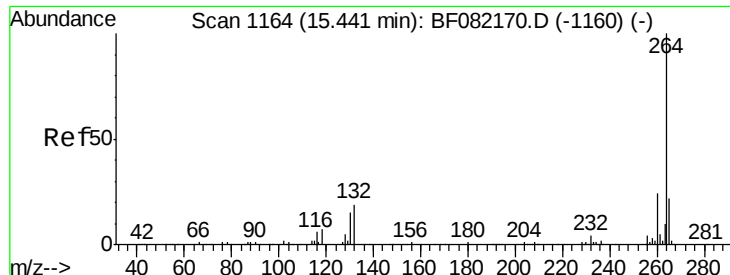


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082186.D
Acq: 10 Oct 2015 20:10

Instrument :
BNA_F
ClientSampleId :
A14COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.4	17.3	25.9

