

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082740.D
 Acq On : 5 Nov 2015 20:29
 Operator : UM/IZ
 Sample : G4261-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Quant Time: Nov 06 01:18:00 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

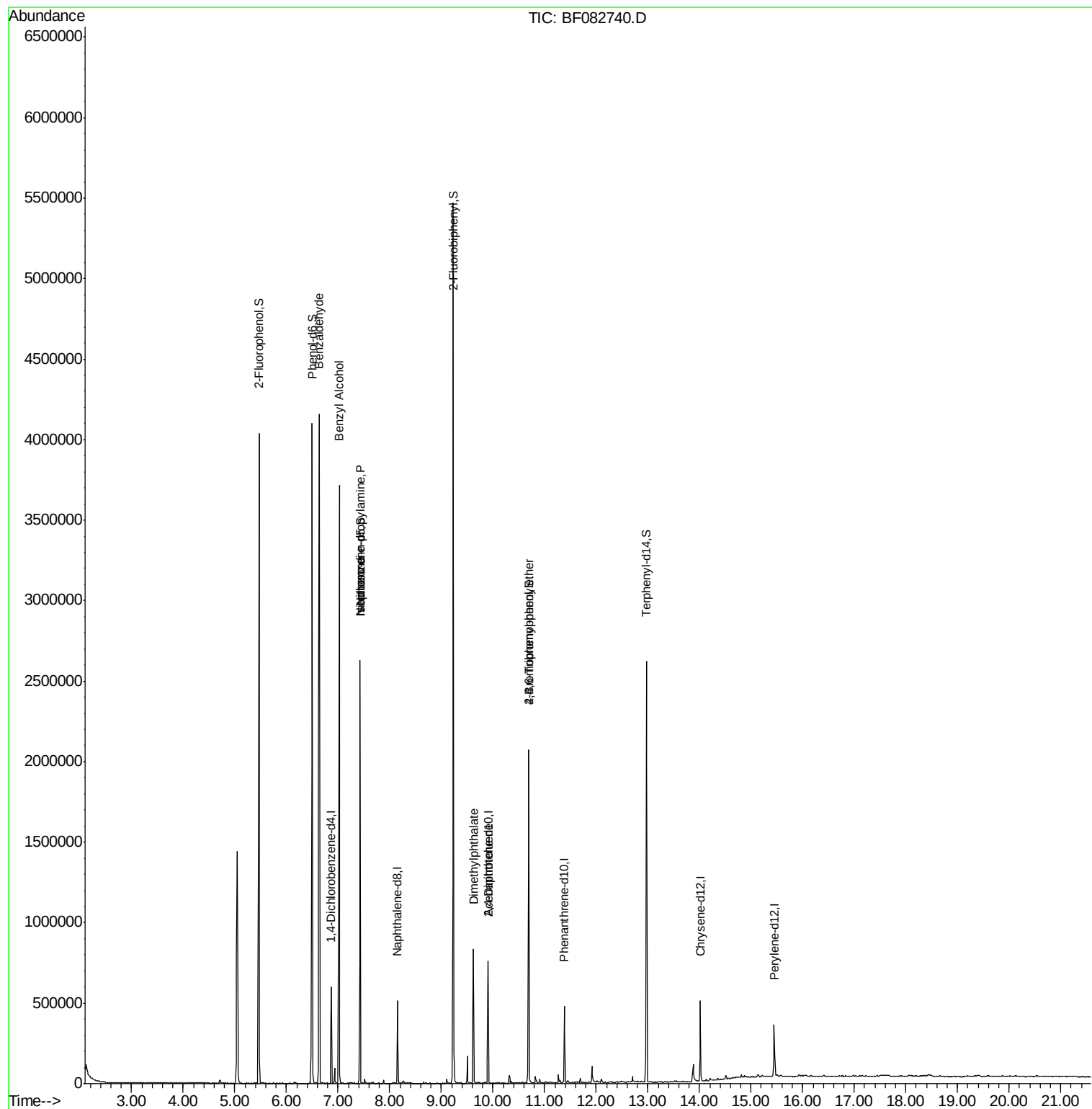
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	78992	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	267873	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	143125	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	223362	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	164601	20.00	ng	-0.03
86) Perylene-d12	15.45	264	163594	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	999991	190.67	ng	0.00
7) Phenol-d6	6.50	99	1434625	205.90	ng	-0.01
23) Nitrobenzene-d5	7.42	82	873832	133.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	318533	203.36	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1524417	151.22	ng	-0.02
78) Terphenyl-d14	12.97	244	1101701	146.48	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.64	77	29854	6.28	ng	Qvalue 98
15) Benzyl Alcohol	7.02	79	17205	2.65	ng	# 53
19) n-Nitroso-di-n-propylamine	7.42	70	124174	23.51	ng	# 70
25) Isophorone	7.42	82	687520	56.97	ng	# 69
49) Dimethylphthalate	9.62	163	304818	26.08	ng	99
56) 2,4-Dinitrotoluene	9.90	165	18787	5.73	ng	# 14
66) 4-Bromophenyl-phenylether	10.69	248	21631	8.55	ng	# 1

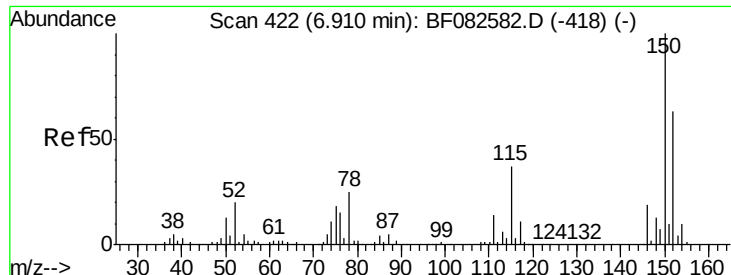
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



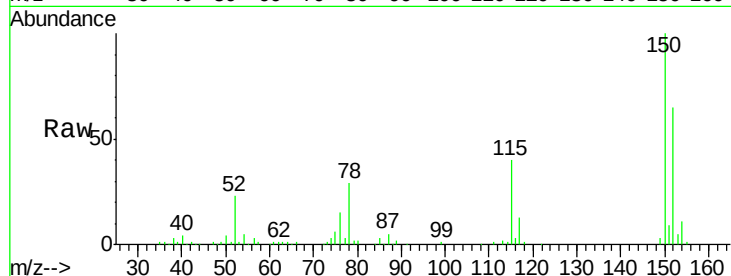


#1

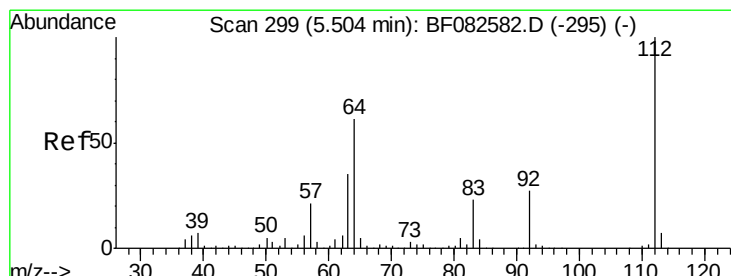
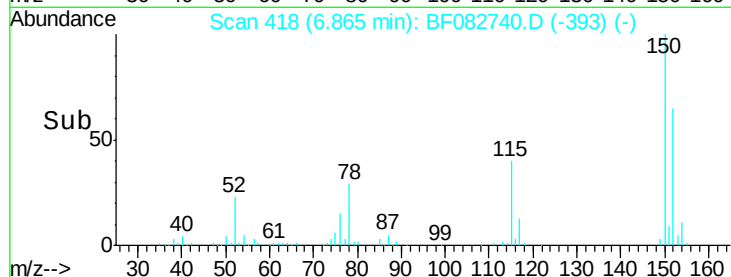
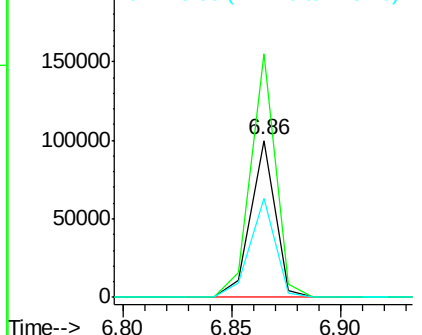
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF082740.D
 Acq: 5 Nov 2015 20:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Tgt Ion:152 Resp: 78992
 Ion Ratio Lower Upper
 152 100
 150 155.0 127.0 190.4
 115 62.7 47.0 70.6



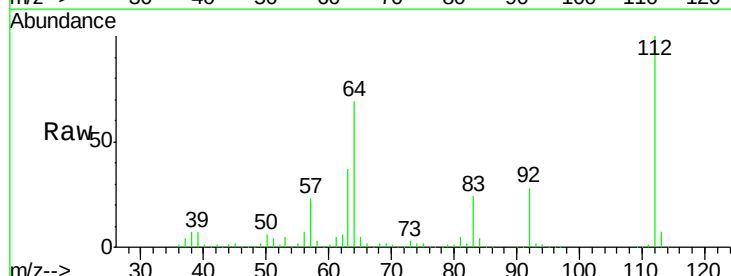
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



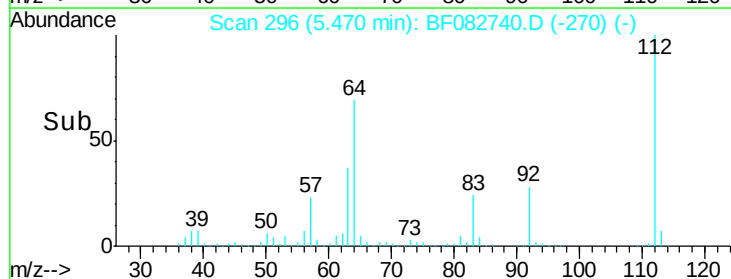
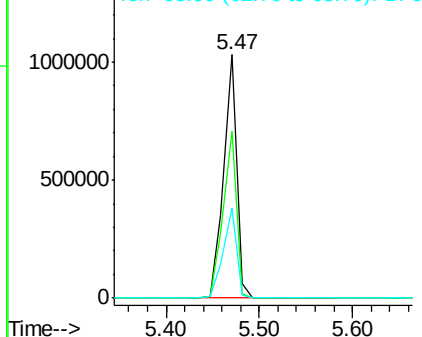
#5

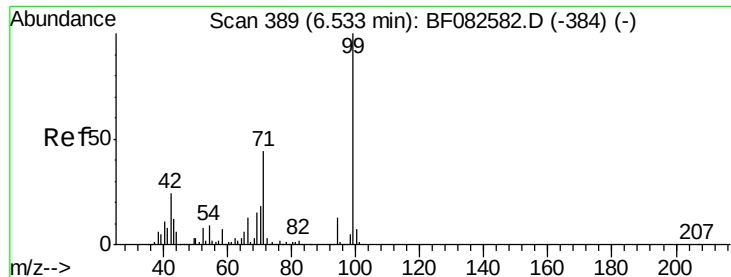
2-Fluorophenol
 Concen: 190.67 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF082740.D
 Acq: 5 Nov 2015 20:29

Tgt Ion:112 Resp: 999991
 Ion Ratio Lower Upper
 112 100
 64 68.5 48.9 73.3
 63 37.1 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: 205.90 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082740.D

Acq: 5 Nov 2015 20:29

Instrument :

BNA_F

ClientSampled :

SB-5

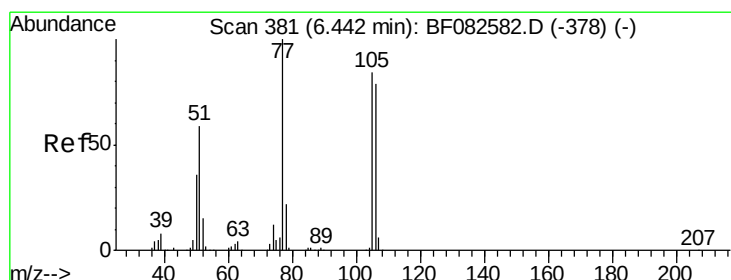
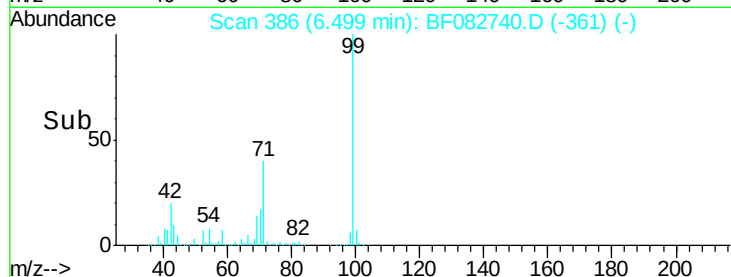
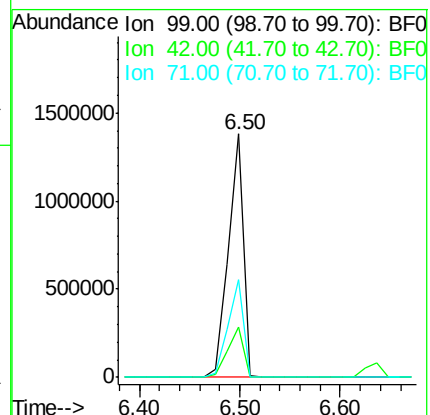
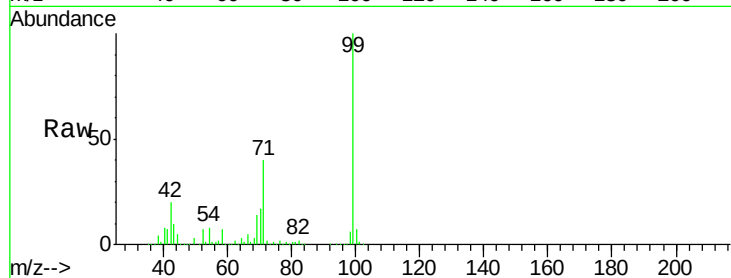
Tgt Ion: 99 Resp: 1434625

Ion Ratio Lower Upper

99 100

42 20.5 19.2 28.8

71 39.9 35.0 52.4



#9

Benzaldehyde

Concen: 6.28 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082740.D

Acq: 5 Nov 2015 20:29

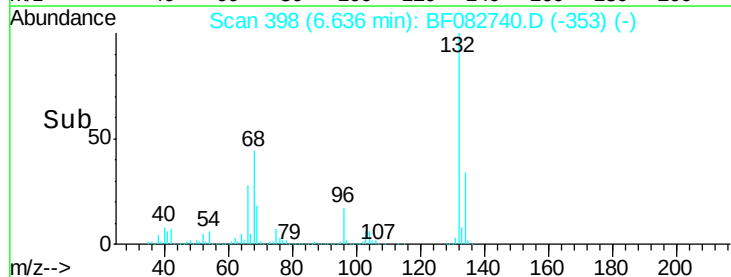
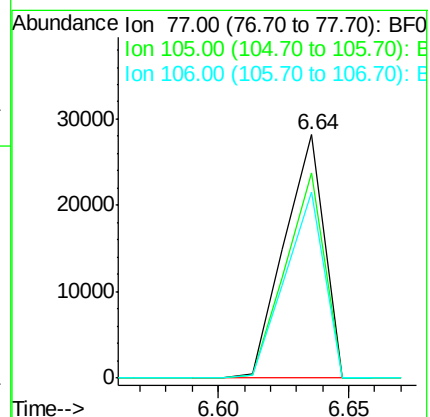
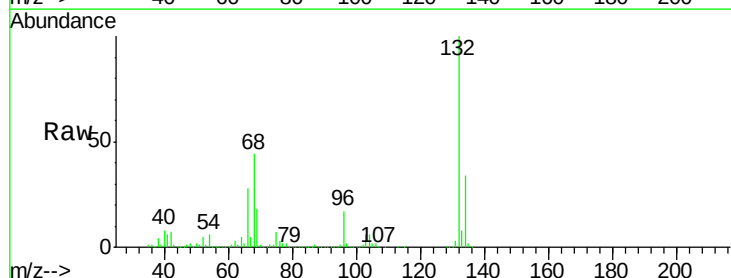
Tgt Ion: 77 Resp: 29854

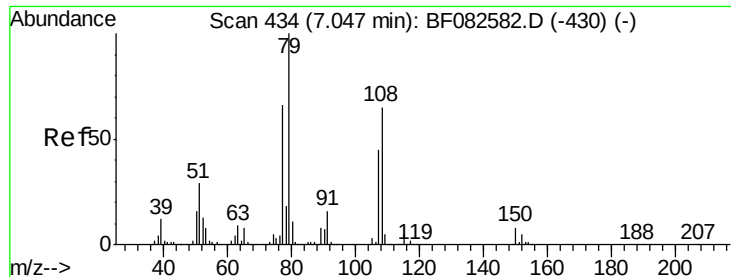
Ion Ratio Lower Upper

77 100

105 84.3 63.5 103.5

106 76.2 59.3 99.3





#15

Benzyl Alcohol

Concen: 2.65 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082740.D

Acq: 5 Nov 2015 20:29

Instrument :

BNA_F

ClientSampleId :

SB-5

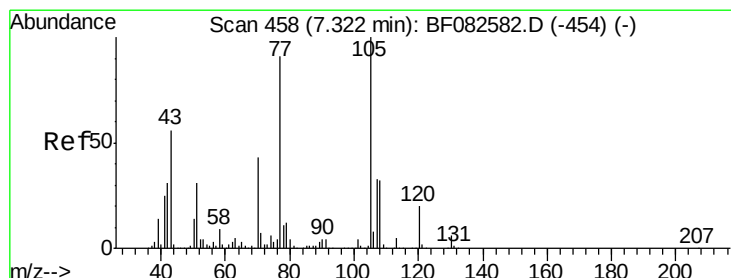
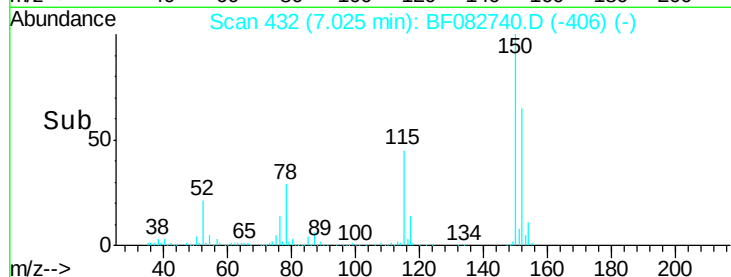
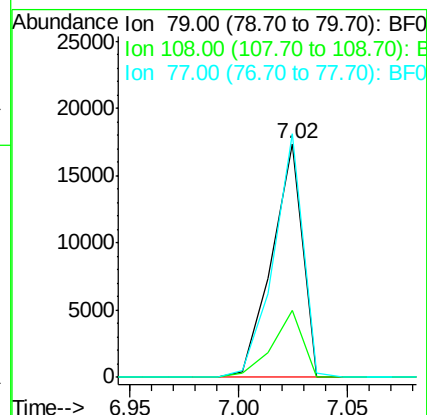
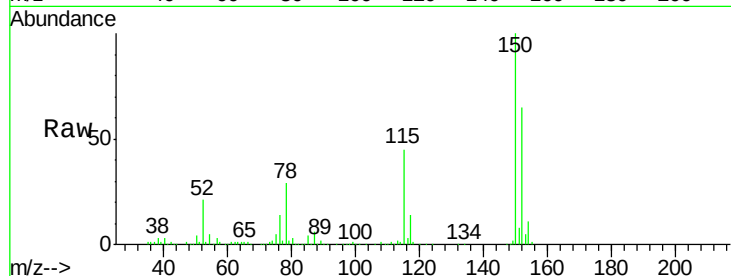
Tgt Ion: 79 Resp: 17205

Ion Ratio Lower Upper

79 100

108 28.7 52.2 78.4#

77 104.2 52.7 79.1#



#19

n-Nitroso-di-n-propylamine

Concen: 23.51 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082740.D

Acq: 5 Nov 2015 20:29

Tgt Ion: 70 Resp: 124174

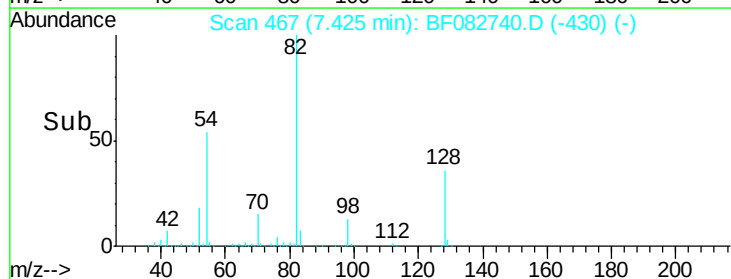
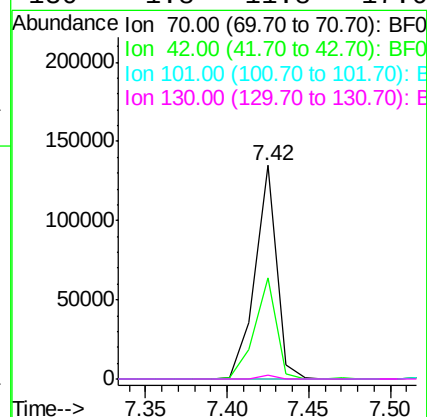
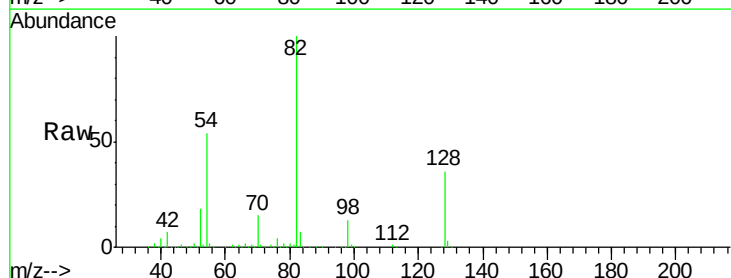
Ion Ratio Lower Upper

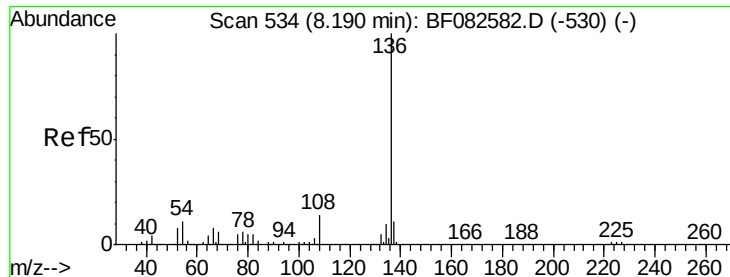
70 100

42 47.1 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#

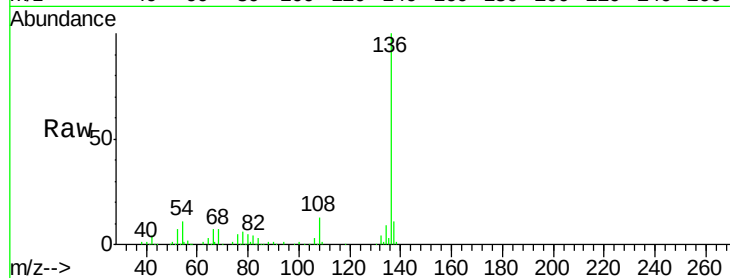




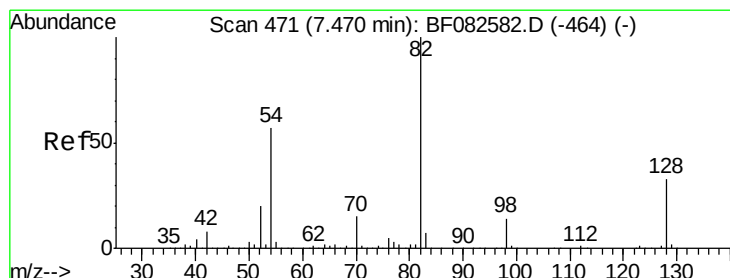
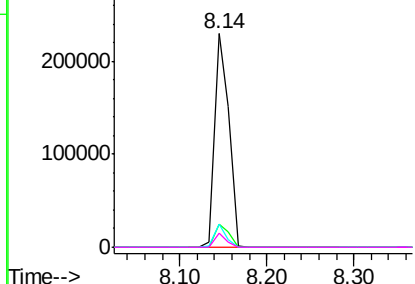
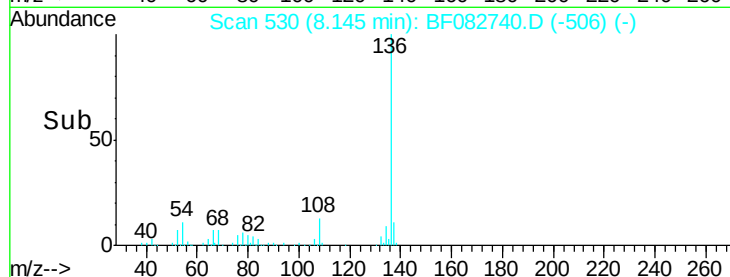
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082740.D
Acq: 5 Nov 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion:	136	Resp:	267873
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	11.0	9.1	13.7
68	6.7	4.8	7.2

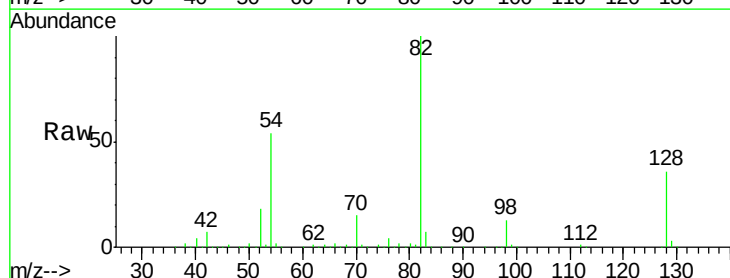


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

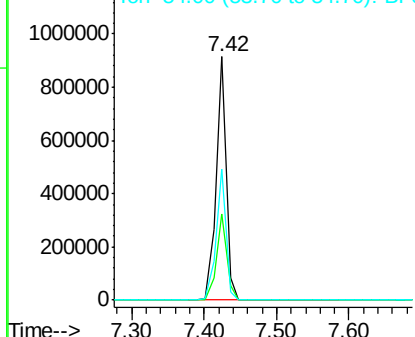
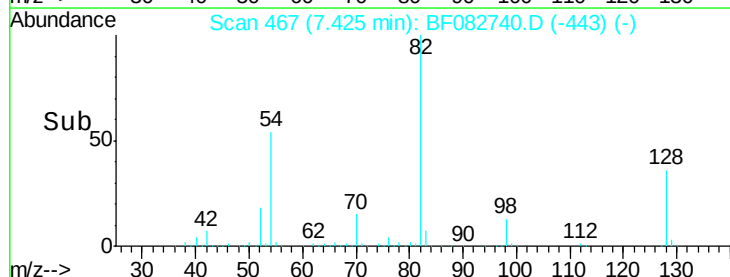


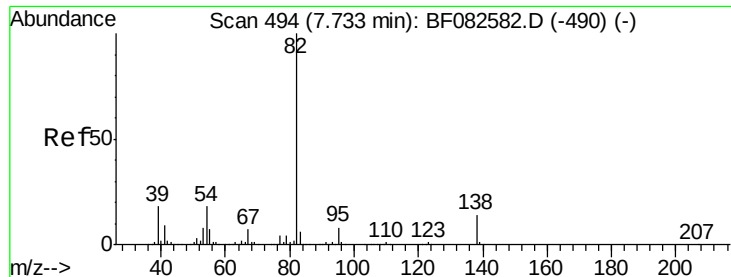
#23
Nitrobenzene-d5
Concen: 133.21 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082740.D
Acq: 5 Nov 2015 20:29

Tgt Ion:	82	Resp:	873832
Ion	Ratio	Lower	Upper
82	100		
128	35.6	26.8	40.2
54	53.8	45.7	68.5



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





#25

Isophorone

Concen: 56.97 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.29 min

Lab File: BF082740.D

Acq: 5 Nov 2015 20:29

Instrument :

BNA_F

ClientSampleId :

SB-5

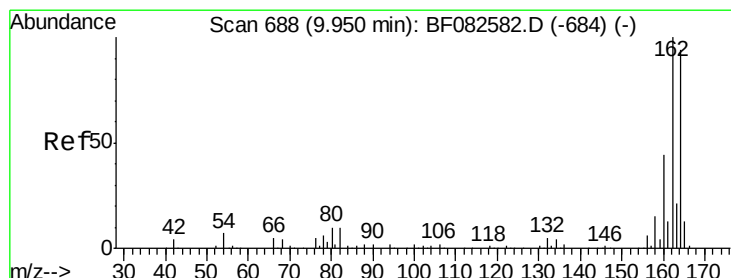
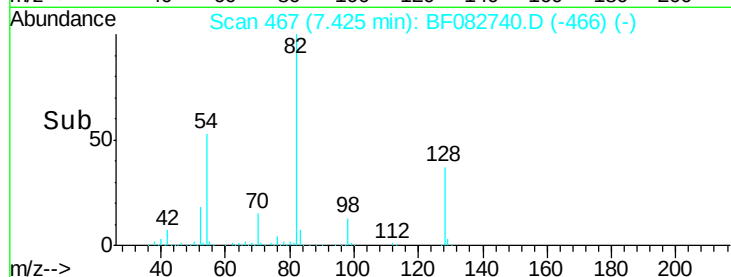
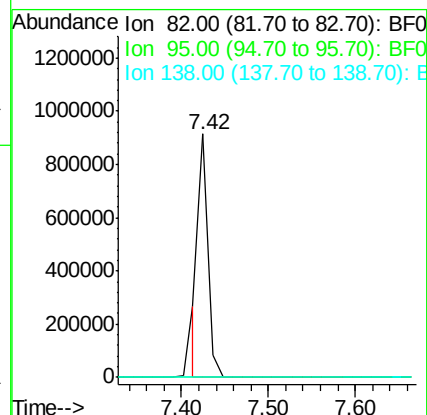
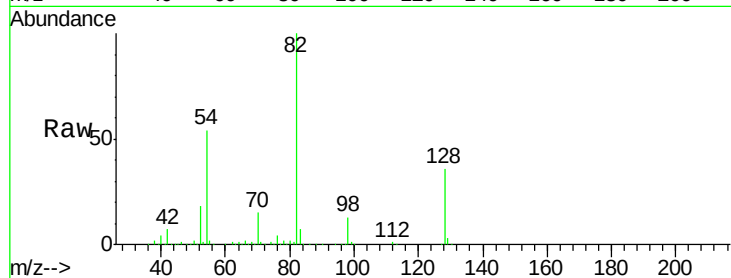
Tgt Ion: 82 Resp: 687520

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

138 0.0 11.4 17.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082740.D

Acq: 5 Nov 2015 20:29

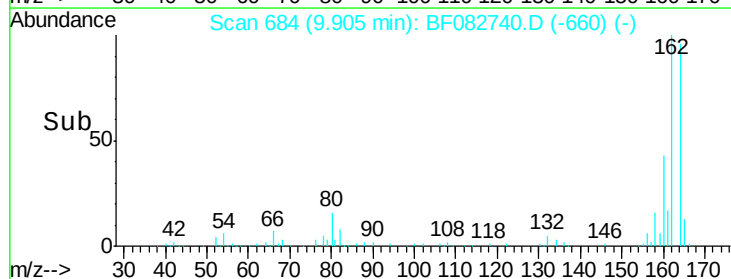
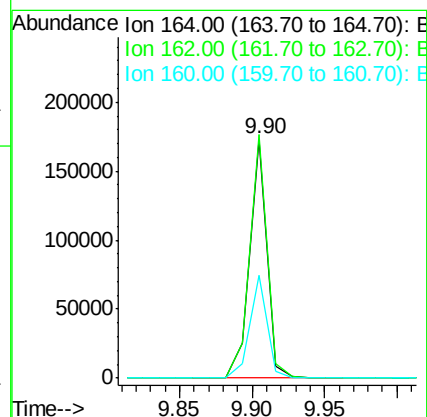
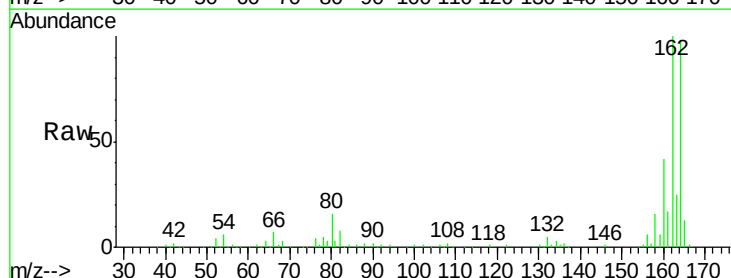
Tgt Ion: 164 Resp: 143125

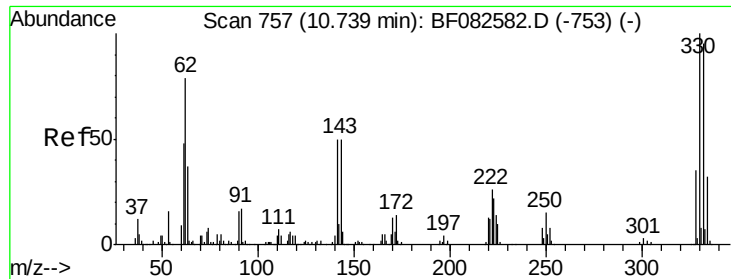
Ion Ratio Lower Upper

164 100

162 102.0 84.9 127.3

160 43.3 37.5 56.3

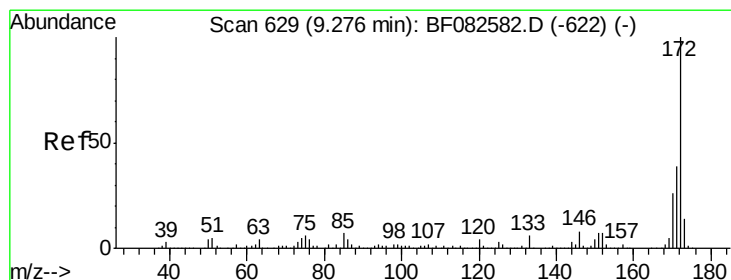
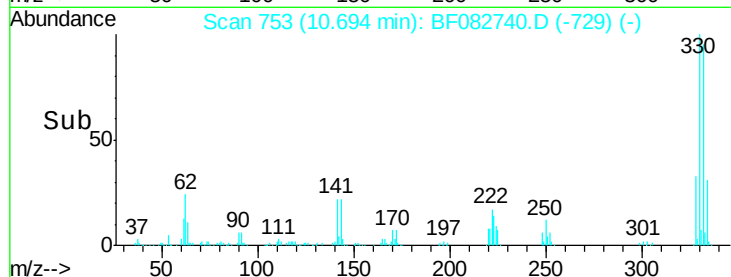
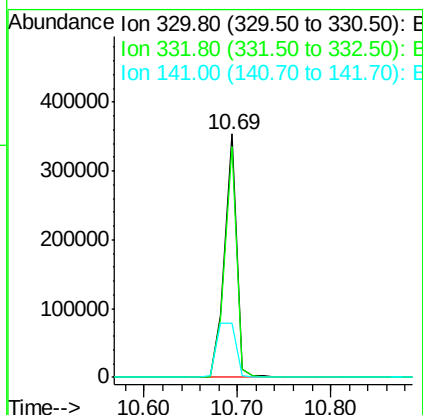
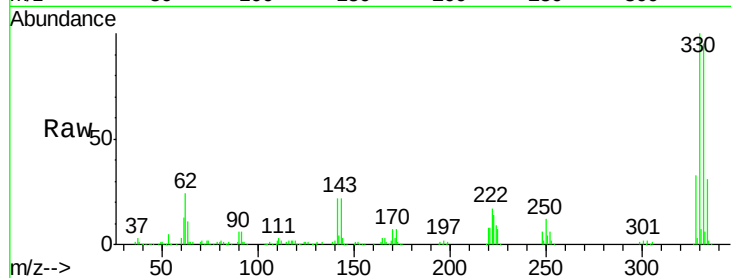




#41
 2,4,6-Tribromophenol
 Concen: 203.36 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082740.D
 Acq: 5 Nov 2015 20:29

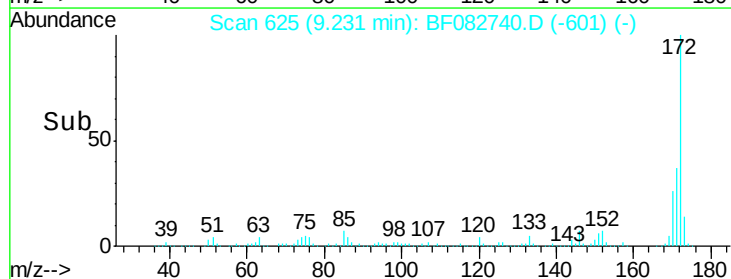
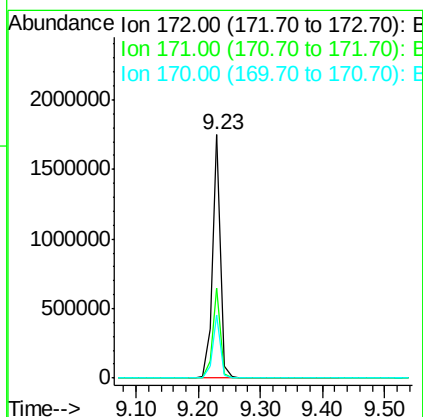
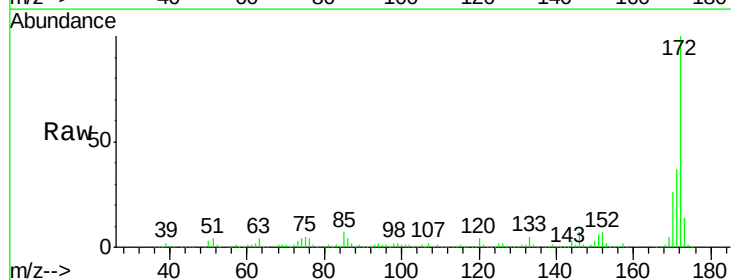
Instrument :
 BNA_F
 ClientSampleId :
 SB-5

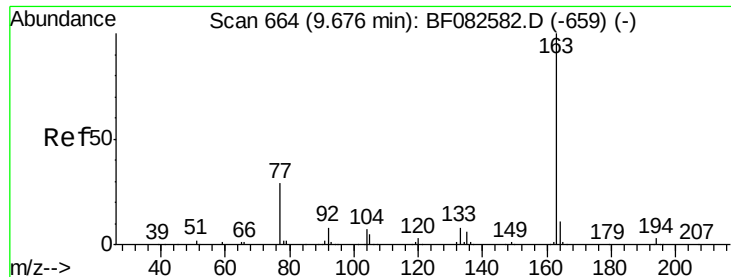
Tgt Ion:330 Resp: 318533
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 114.8
 141 35.3 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 151.22 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082740.D
 Acq: 5 Nov 2015 20:29

Tgt Ion:172 Resp: 1524417
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.8 21.2 31.8





#49

Dimethylphthalate

Concen: 26.08 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082740.D

Acq: 5 Nov 2015 20:29

Instrument :

BNA_F

ClientSampleId :

SB-5

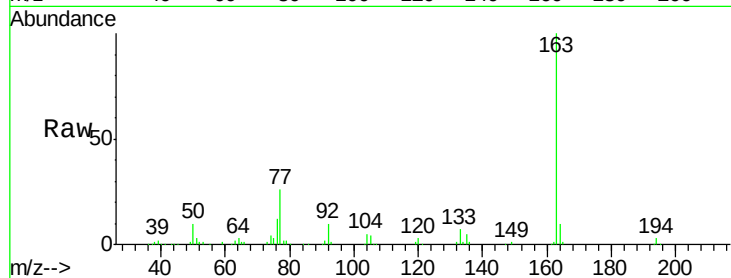
Tgt Ion:163 Resp: 304818

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

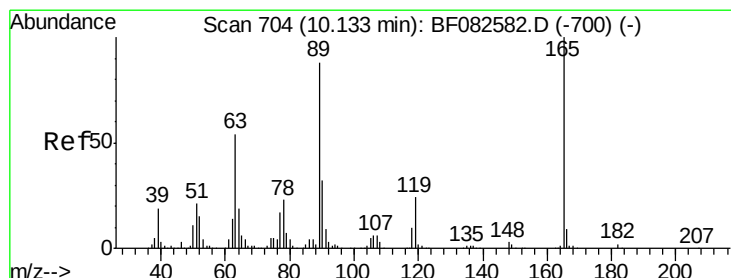
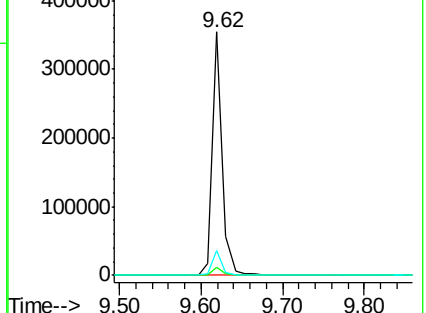
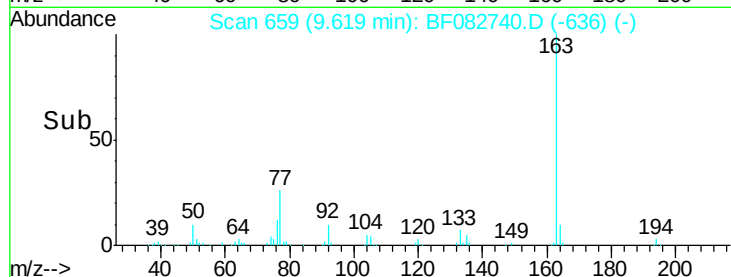
164 10.2 8.7 13.1



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: 5.73 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082740.D

Acq: 5 Nov 2015 20:29

Tgt Ion:165 Resp: 18787

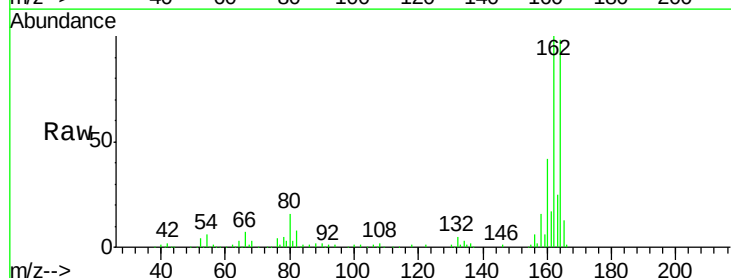
Ion Ratio Lower Upper

165 100

63 1.4 43.4 65.0#

89 0.0 70.6 106.0#

182 0.0 1.5 2.3#

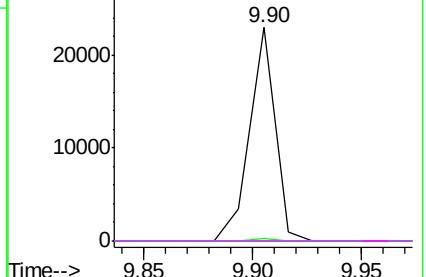
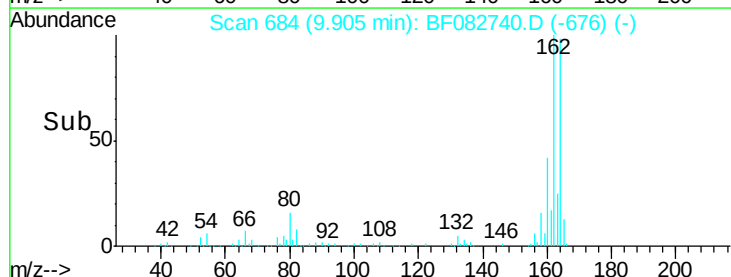


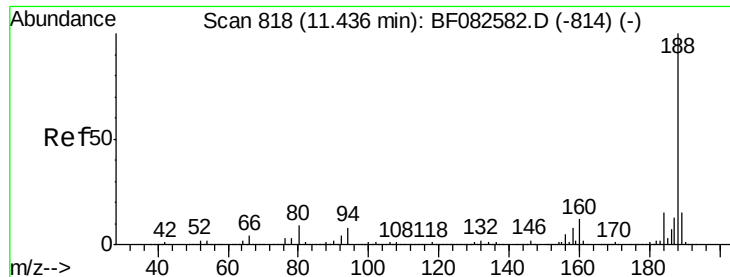
Abundance Ion 165.00 (164.70 to 165.70): E

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

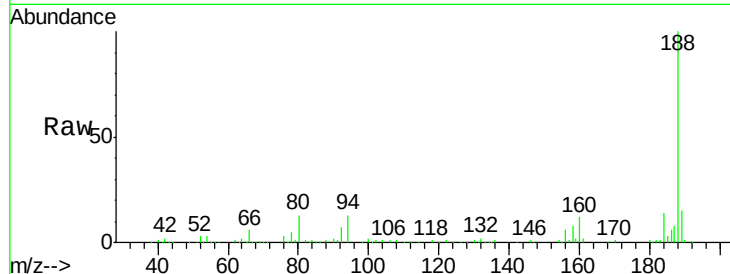




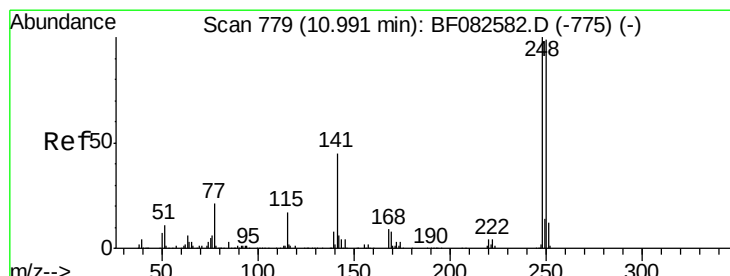
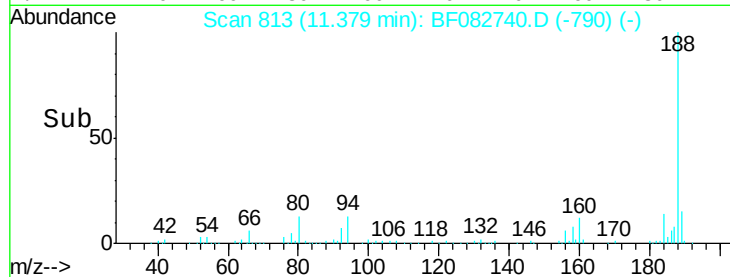
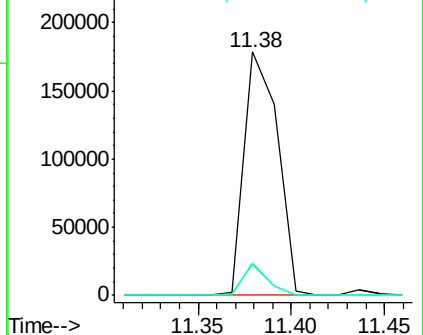
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF082740.D
 Acq: 5 Nov 2015 20:29

Instrument :
 BNA_F
 ClientSampleID :
 SB-5

Tgt Ion:188 Resp: 223362
 Ion Ratio Lower Upper
 188 100
 94 12.5 6.1 9.1#
 80 13.2 7.0 10.6#

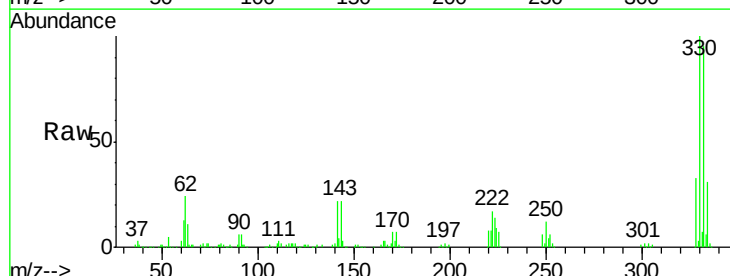


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

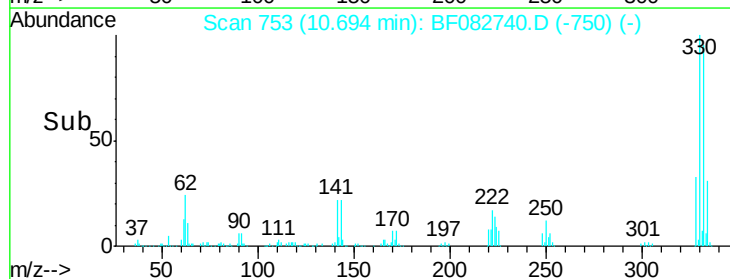
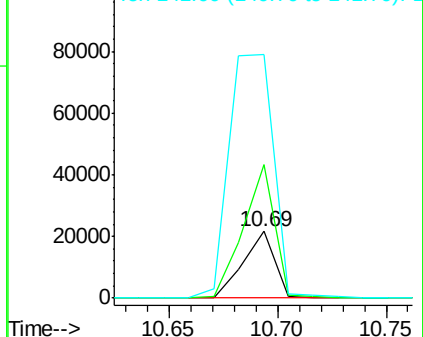


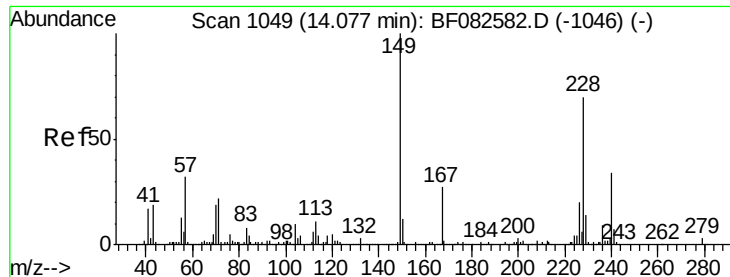
#66
 4-Bromophenyl-phenylether
 Concen: 8.55 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082740.D
 Acq: 5 Nov 2015 20:29

Tgt Ion:248 Resp: 21631
 Ion Ratio Lower Upper
 248 100
 250 199.9 79.4 119.2#
 141 365.5 36.3 54.5#



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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082740.D

Acq: 5 Nov 2015 20:29

Instrument :

BNA_F

ClientSampleId :

SB-5

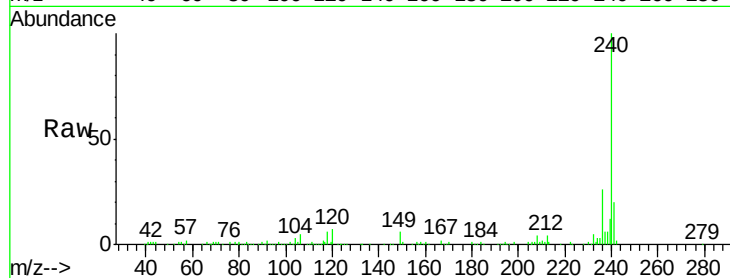
Tgt Ion:240 Resp: 164601

Ion Ratio Lower Upper

240 100

120 7.0 10.9 16.3#

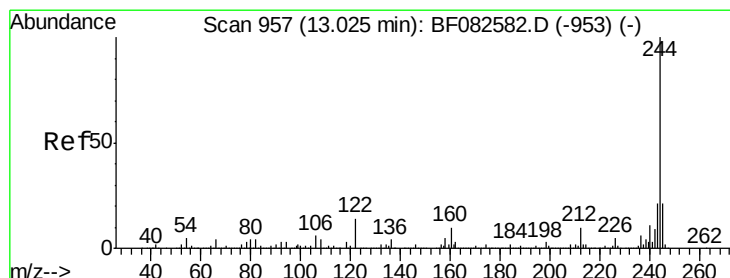
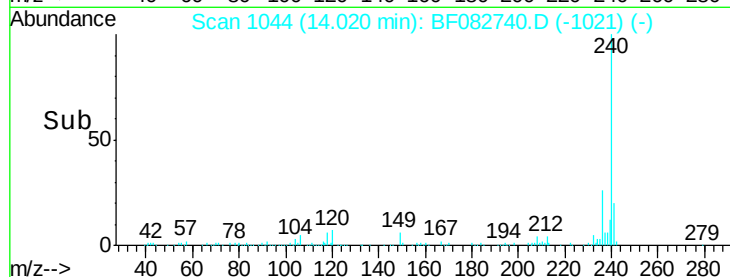
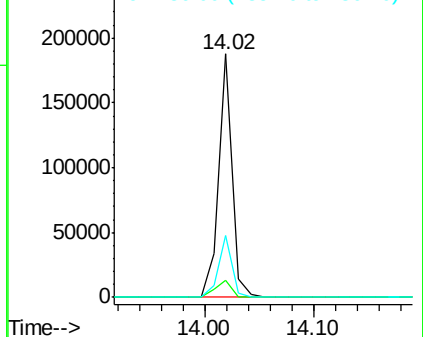
236 25.5 21.6 32.4



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: 146.48 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082740.D

Acq: 5 Nov 2015 20:29

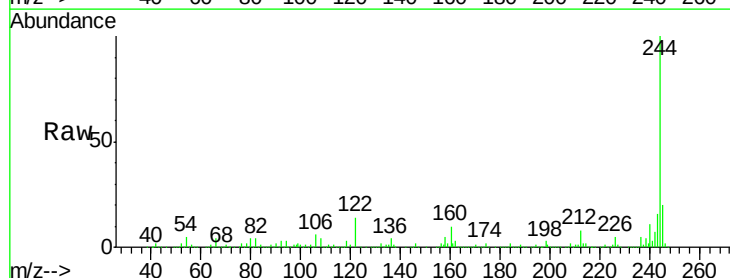
Tgt Ion:244 Resp: 1101701

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

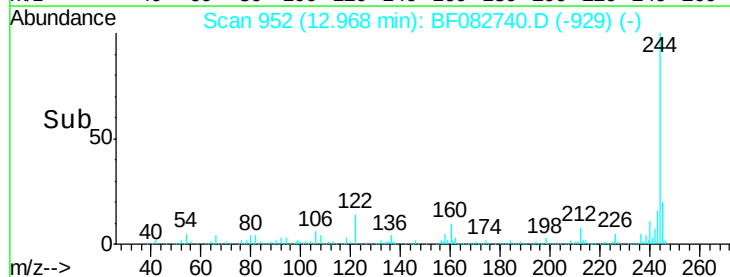
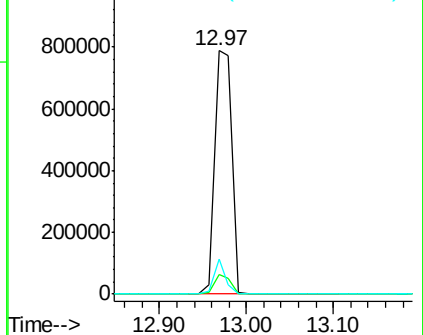
122 14.2 11.3 16.9

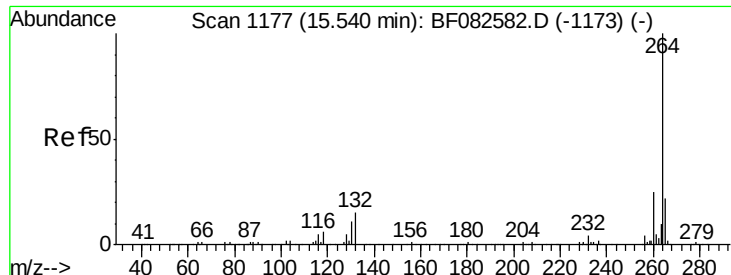


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

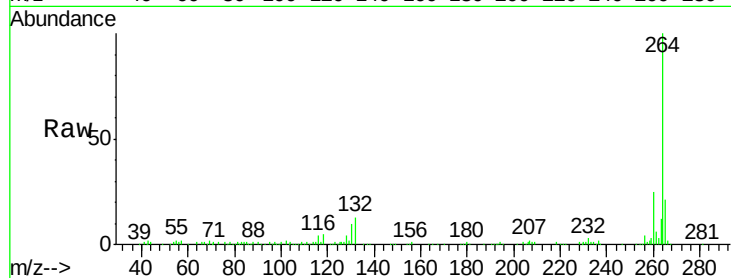




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF082740.D
Acq: 5 Nov 2015 20:29

Instrument :
BNA_F
ClientSampleId :
SB-5

Tgt Ion: 264 Resp: 163594
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.6
265 20.7 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

