

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102615\
 Data File : BF082530.D
 Acq On : 27 Oct 2015 4:37
 Operator : UM/IZ
 Sample : G4116-03RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB3-02(0-2)

Quant Time: Oct 27 06:24:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

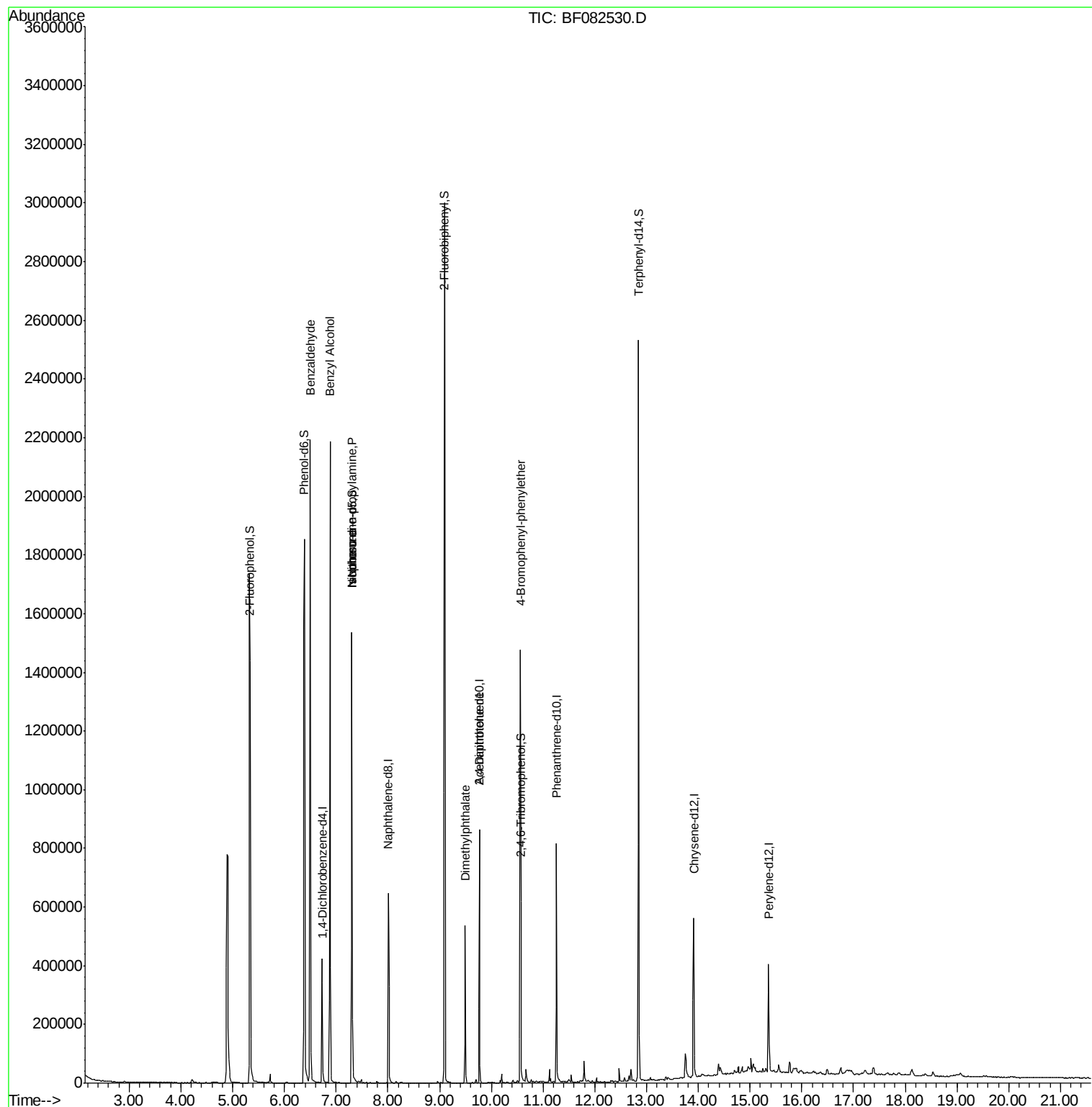
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	98519	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	363119	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	182454	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	330461	20.00	ng	0.00
75) Chrysene-d12	13.91	240	231636	20.00	ng	0.00
86) Perylene-d12	15.36	264	194493	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	716702	143.61	ng	0.02
7) Phenol-d6	6.39	99	973768	149.71	ng	0.01
23) Nitrobenzene-d5	7.30	82	558300	99.19	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	191118	139.88	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1002485	87.37	ng	0.00
78) Terphenyl-d14	12.85	244	816170	101.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	17707	3.70	ng	Qvalue 91
15) Benzyl Alcohol	6.88	79	9312	2.06	ng	# 59
19) n-Nitroso-di-n-propylamine	7.30	70	74218	17.51	ng	# 79
25) Isophorone	7.30	82	558293	49.93	ng	# 64
49) Dimethylphthalate	9.50	163	235532	18.55	ng	99
56) 2,4-Dinitrotoluene	9.77	165	23094	6.84	ng	# 9
66) 4-Bromophenyl-phenylether	10.56	248	13786	4.45	ng	# 1

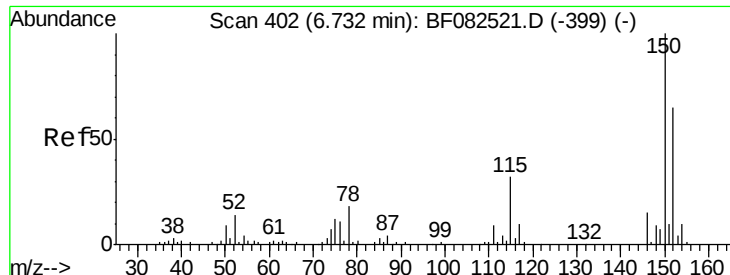
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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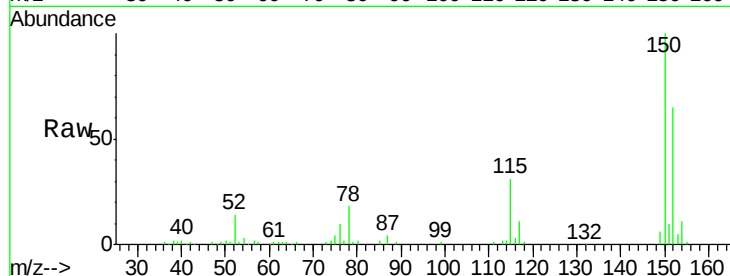


#1

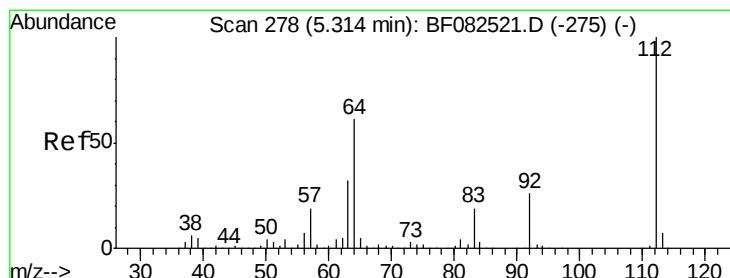
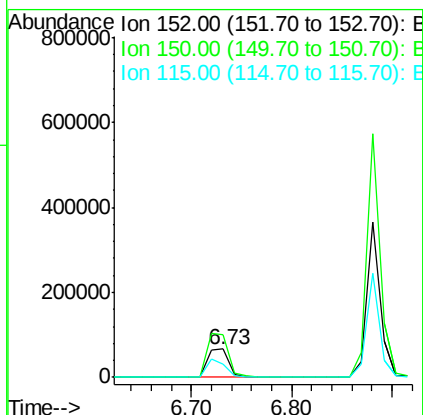
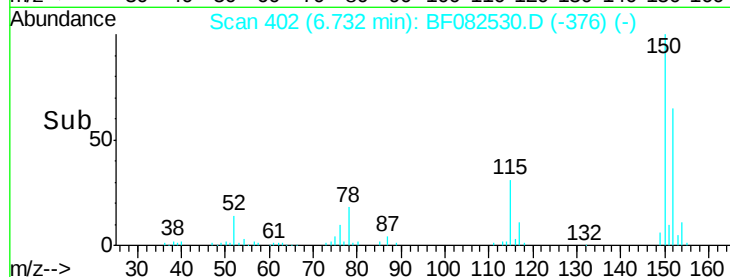
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BF082530.D
 Acq: 27 Oct 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 NB3-02(0-2)

Tgt Ion:152 Resp: 98519
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.4 185.0
 115 47.2 39.0 58.4



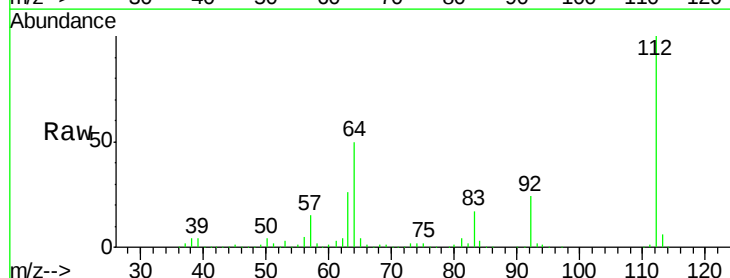
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



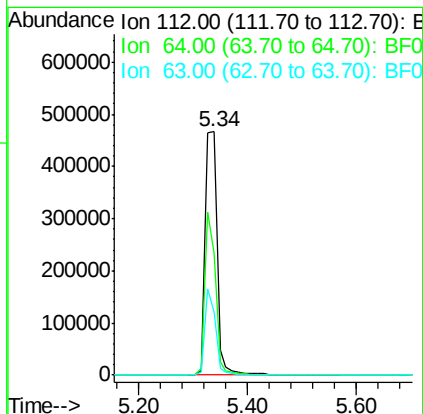
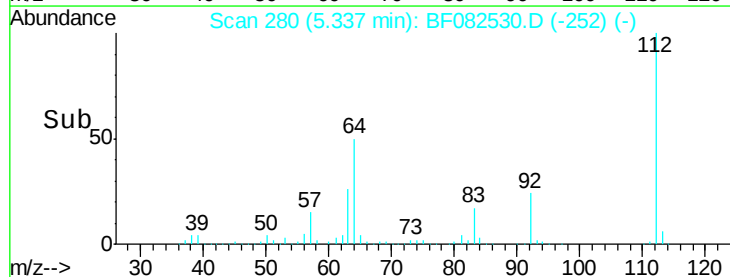
#5

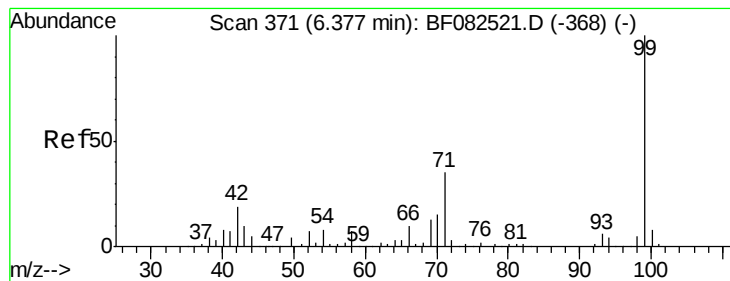
2-Fluorophenol
 Concen: 143.61 ng
 RT: 5.34 min Scan# 280
 Delta R.T. 0.02 min
 Lab File: BF082530.D
 Acq: 27 Oct 2015 4:37

Tgt Ion:112 Resp: 716702
 Ion Ratio Lower Upper
 112 100
 64 50.3 49.0 73.4
 63 26.0 25.8 38.6



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: 149.71 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082530.D

Acq: 27 Oct 2015 4:37

Instrument :

BNA_F

ClientSampleId :

NB3-02(0-2)

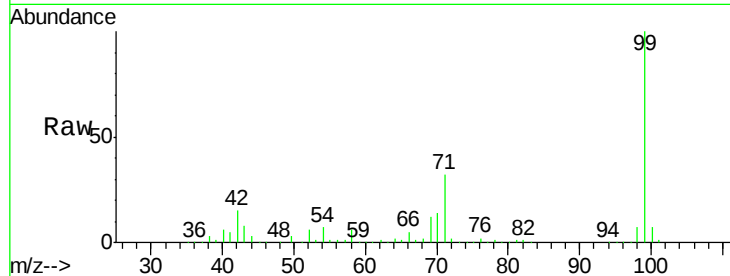
Tgt Ion: 99 Resp: 973768

Ion Ratio Lower Upper

99 100

42 14.7 15.1 22.7#

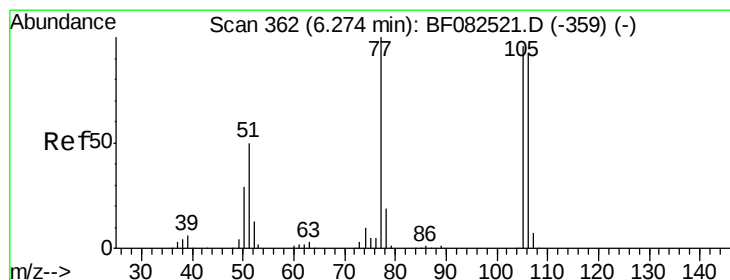
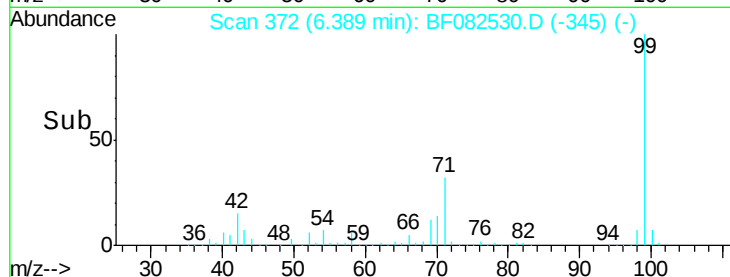
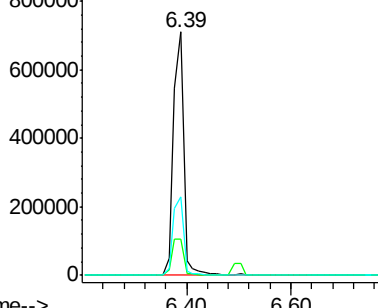
71 32.1 28.2 42.2



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



#9

Benzaldehyde

Concen: 3.70 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.23 min

Lab File: BF082530.D

Acq: 27 Oct 2015 4:37

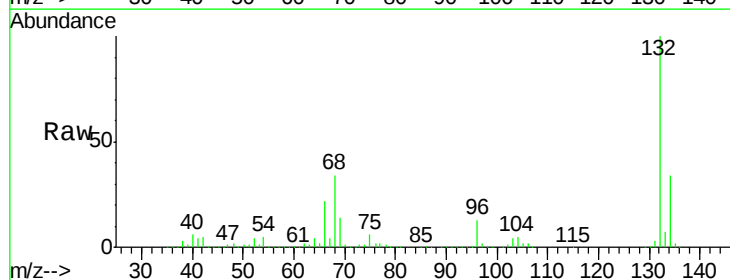
Tgt Ion: 77 Resp: 17707

Ion Ratio Lower Upper

77 100

105 90.5 75.9 115.9

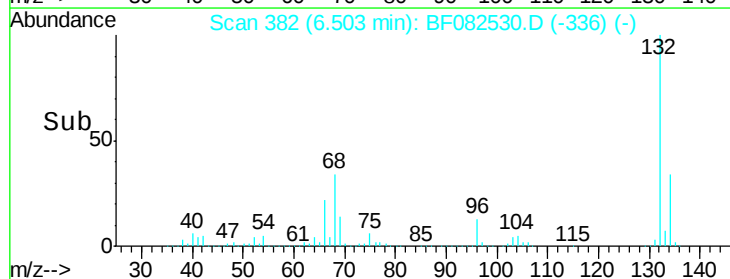
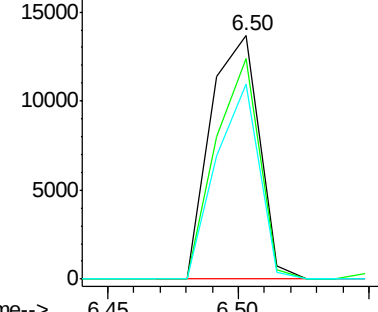
106 80.2 71.8 111.8

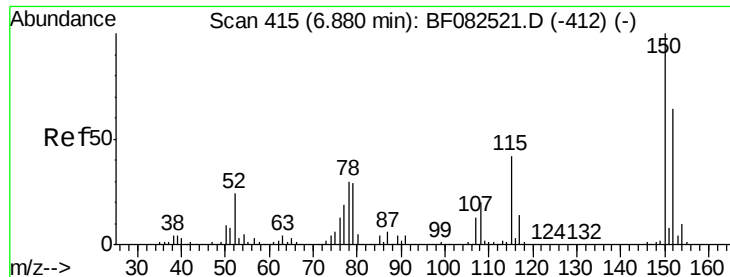


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

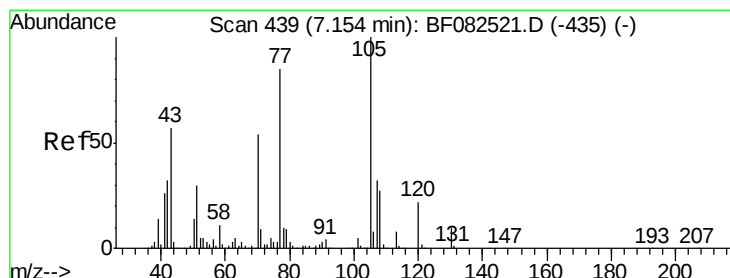
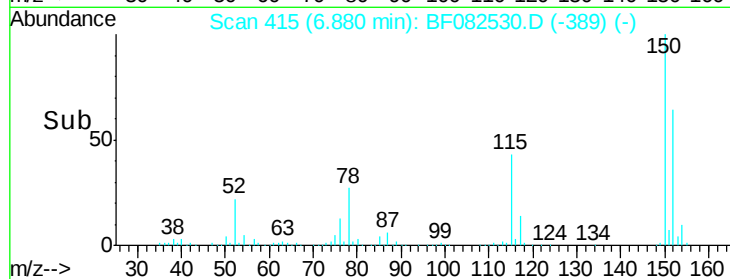
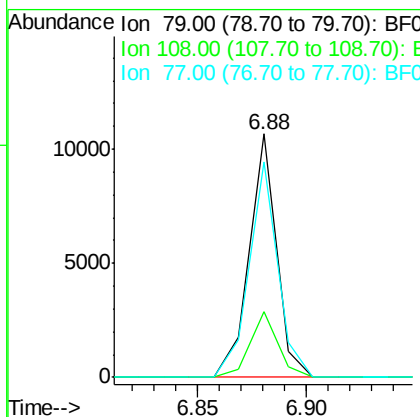
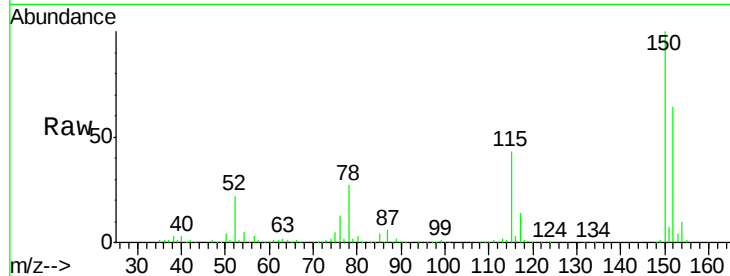




#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 6.88 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF082530.D
Acq: 27 Oct 2015 4:37

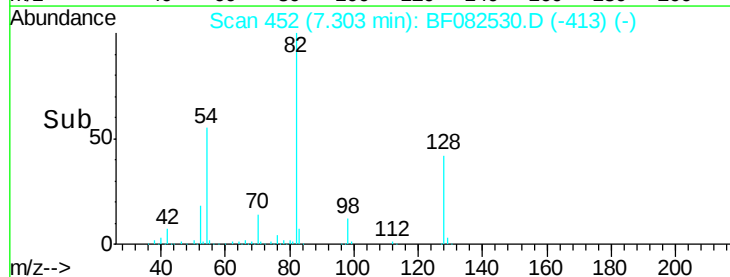
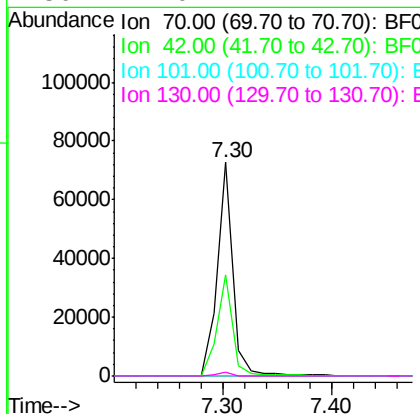
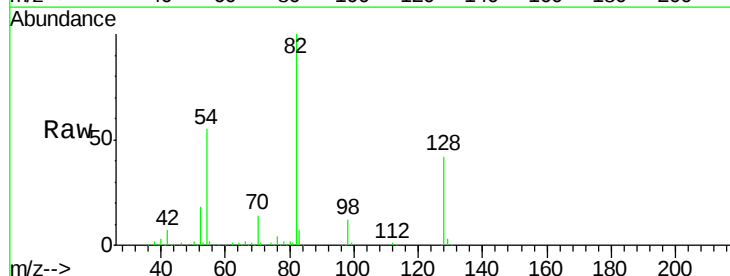
Instrument :
BNA_F
ClientSampleId :
NB3-02(0-2)

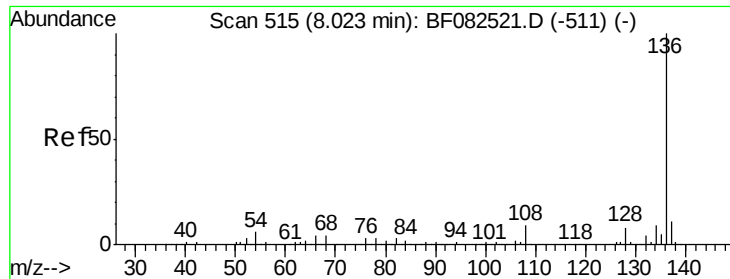
Tgt Ion: 79 Resp: 9312
Ion Ratio Lower Upper
79 100
108 26.7 55.0 82.6#
77 88.5 52.5 78.7#



#19
n-Nitroso-di-n-propylamine
Concen: 17.51 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.15 min
Lab File: BF082530.D
Acq: 27 Oct 2015 4:37

Tgt Ion: 70 Resp: 74218
Ion Ratio Lower Upper
70 100
42 47.2 46.9 70.3
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

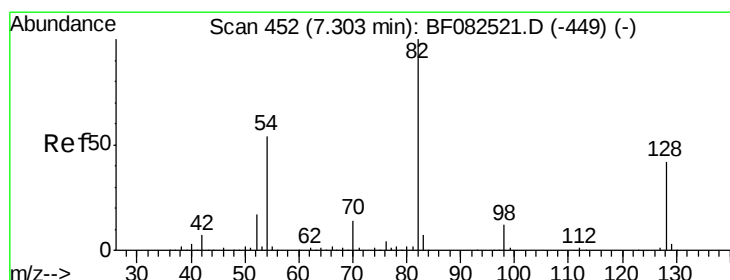
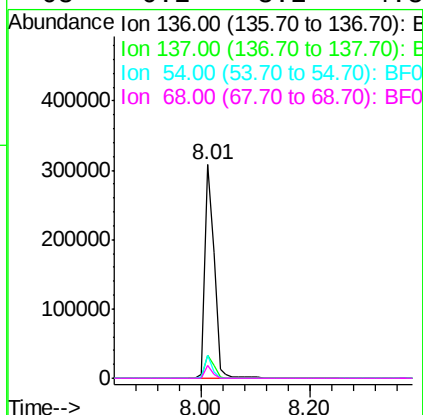
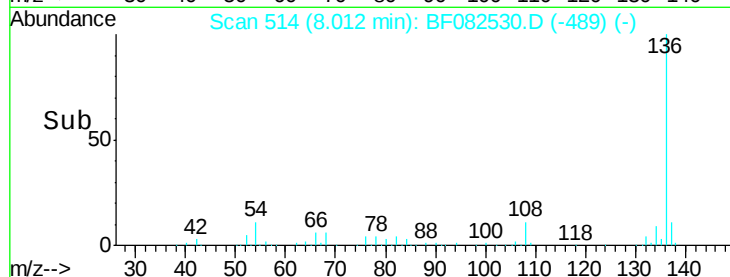
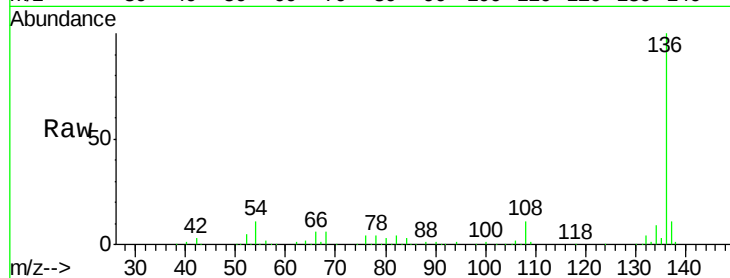




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF082530.D
Acq: 27 Oct 2015 4:37

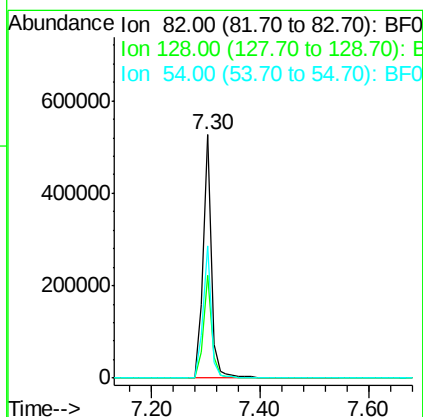
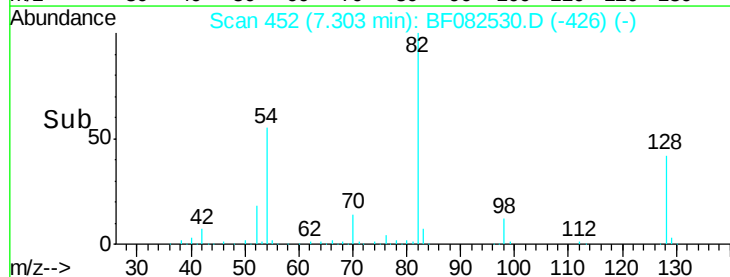
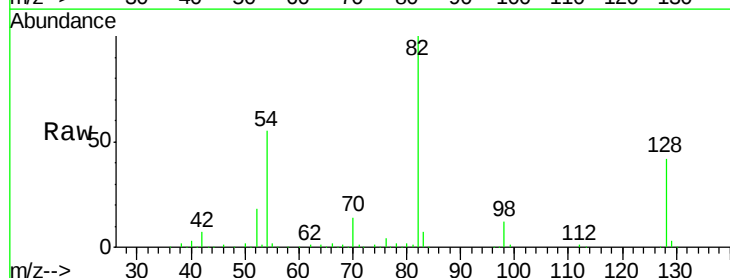
Instrument :
BNA_F
ClientSampleId :
NB3-02(0-2)

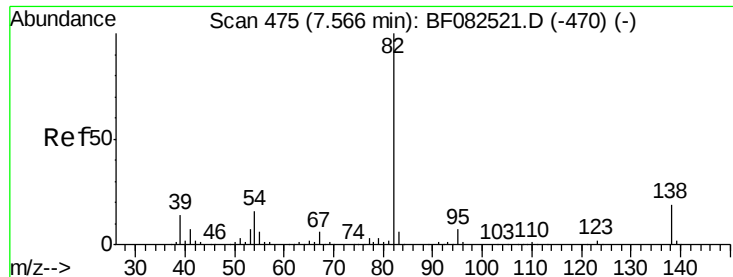
Tgt Ion:	136	Resp:	363119
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.6	4.6	7.0#
68	6.2	3.2	4.8#



#23
Nitrobenzene-d5
Concen: 99.19 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF082530.D
Acq: 27 Oct 2015 4:37

Tgt Ion:	82	Resp:	558300
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	54.6	43.5	65.3





#25

Isophorone

Concen: 49.93 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.26 min

Lab File: BF082530.D

Acq: 27 Oct 2015 4:37

Instrument :

BNA_F

ClientSampleId :

NB3-02(0-2)

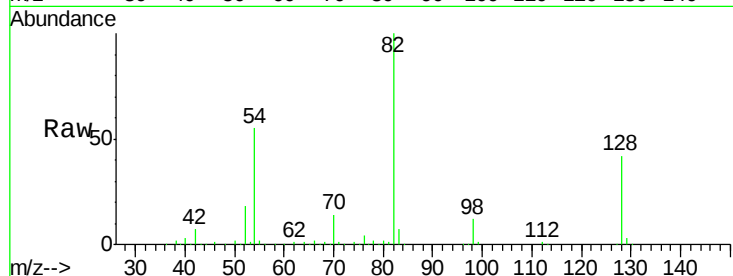
Tgt Ion: 82 Resp: 558293

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

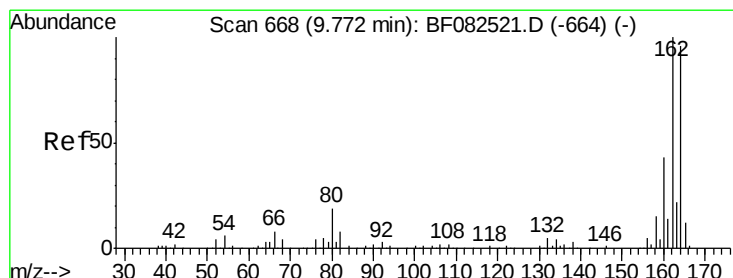
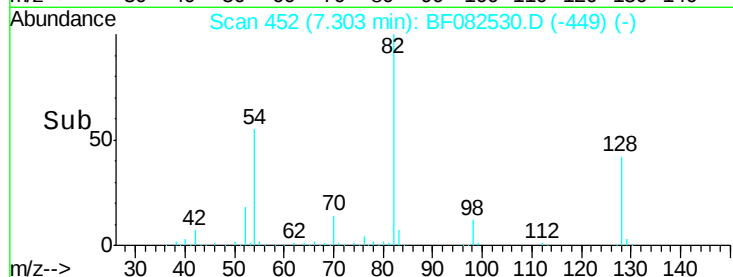
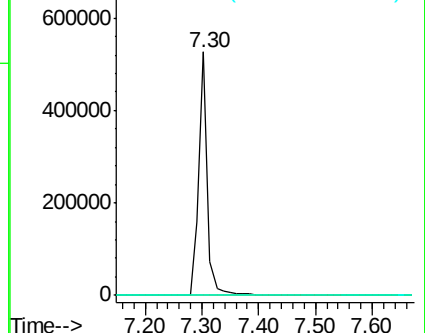
138 0.0 15.0 22.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF082530.D

Acq: 27 Oct 2015 4:37

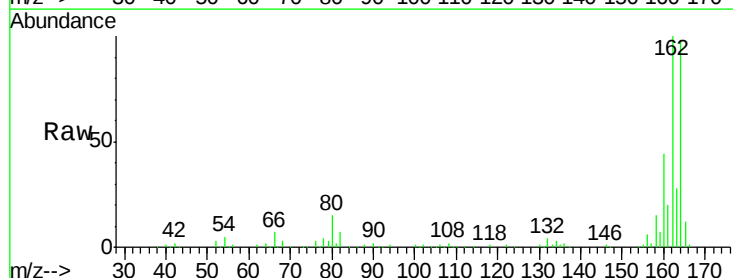
Tgt Ion: 164 Resp: 182454

Ion Ratio Lower Upper

164 100

162 102.6 83.6 125.4

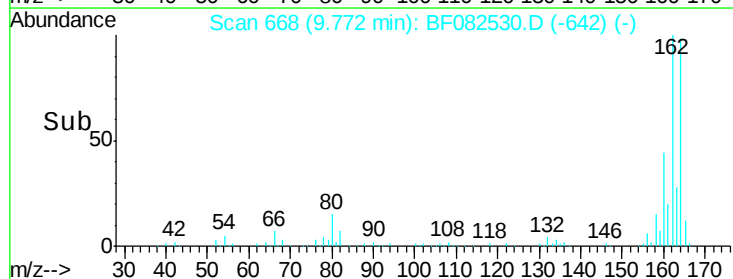
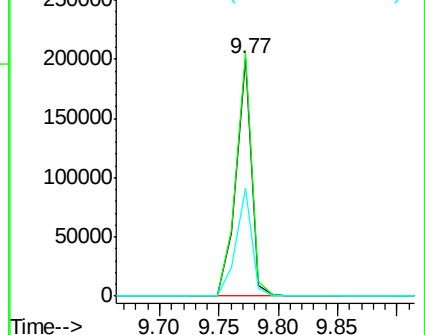
160 45.5 36.0 54.0

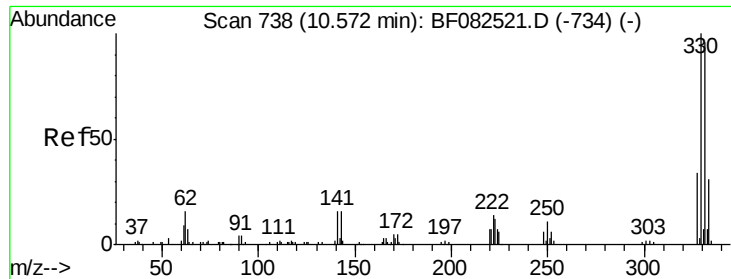


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

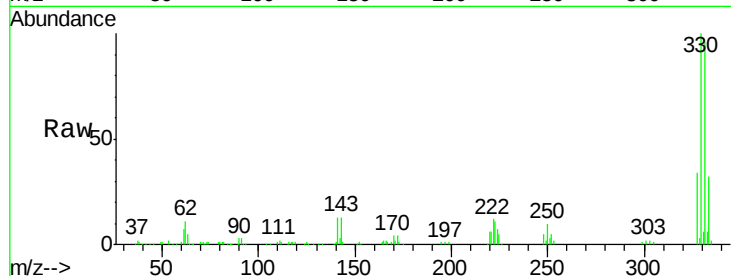




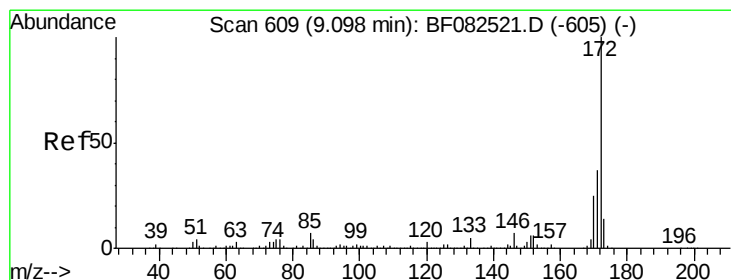
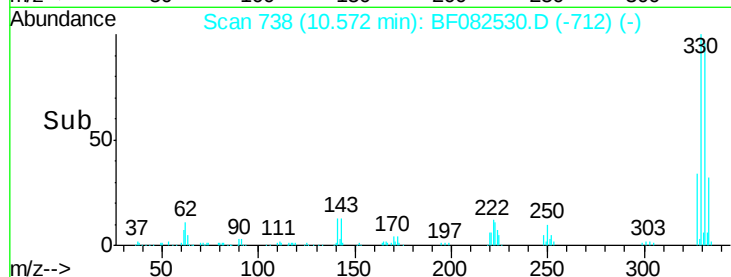
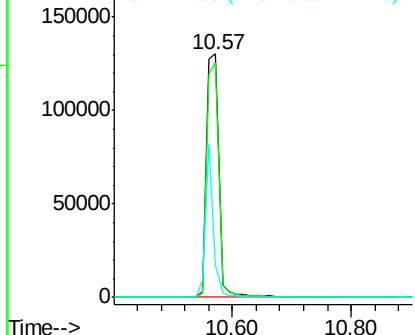
#41
 2,4,6-Tribromophenol
 Concen: 139.88 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF082530.D
 Acq: 27 Oct 2015 4:37

Instrument :
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Tgt Ion:330 Resp: 191118
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.4 116.0
 141 40.6 32.5 48.7

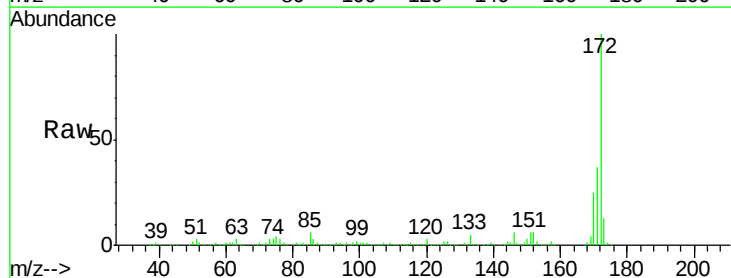


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

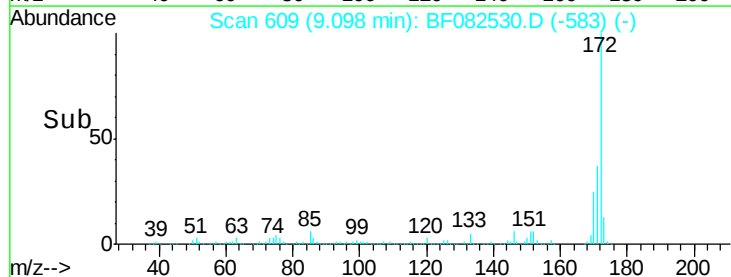
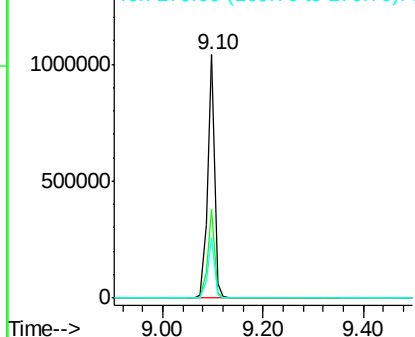


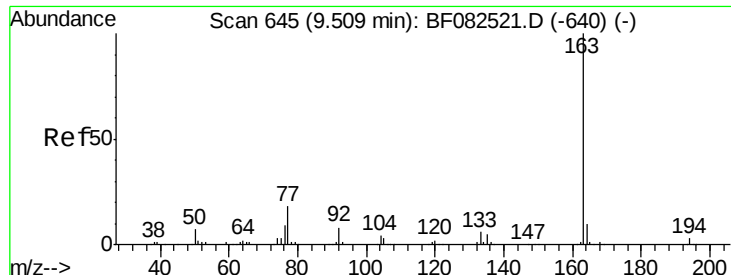
#44
 2-Fluorobiphenyl
 Concen: 87.37 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082530.D
 Acq: 27 Oct 2015 4:37

Tgt Ion:172 Resp: 1002485
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 24.8 19.8 29.6



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: 18.55 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082530.D

Acq: 27 Oct 2015 4:37

Instrument :

BNA_F

ClientSampleId :

NB3-02(0-2)

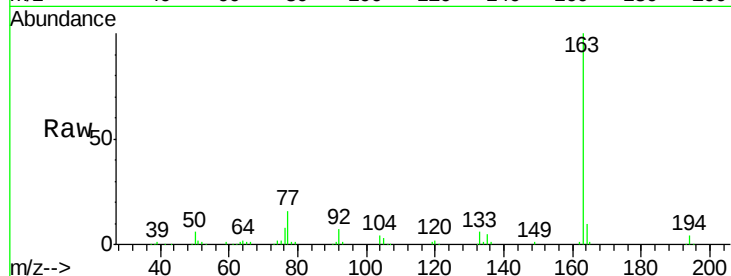
Tgt Ion:163 Resp: 235532

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

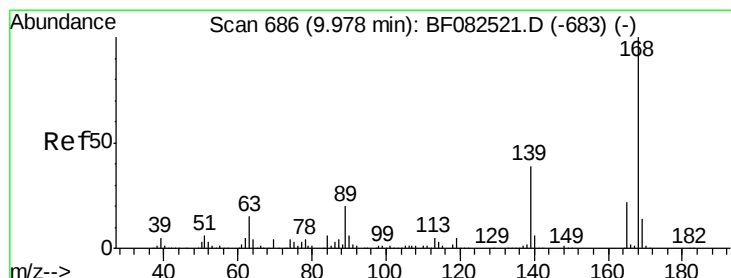
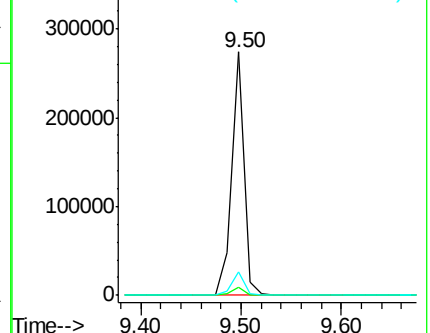
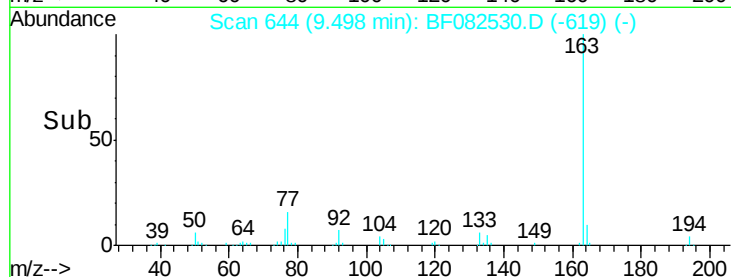
164 9.9 8.2 12.4



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: 6.84 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.21 min

Lab File: BF082530.D

Acq: 27 Oct 2015 4:37

Tgt Ion:165 Resp: 23094

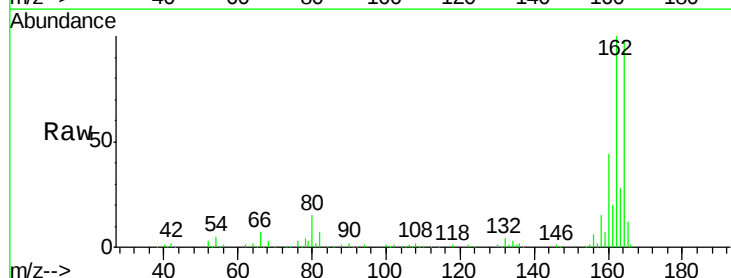
Ion Ratio Lower Upper

165 100

63 0.0 58.6 88.0#

89 0.0 72.3 108.5#

182 0.0 1.8 2.8#

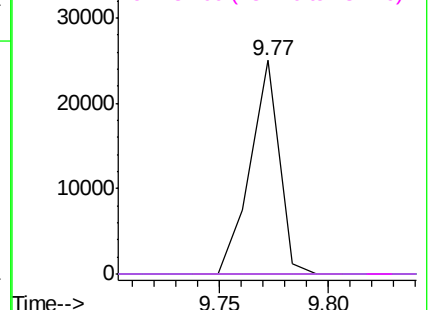
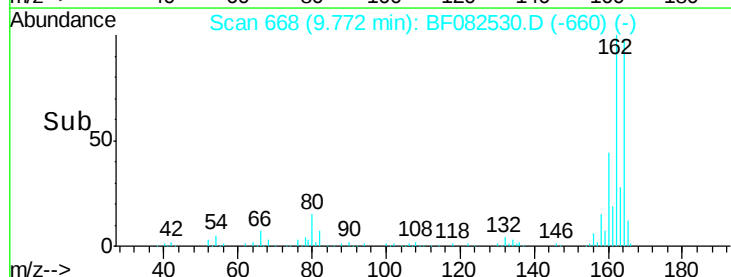


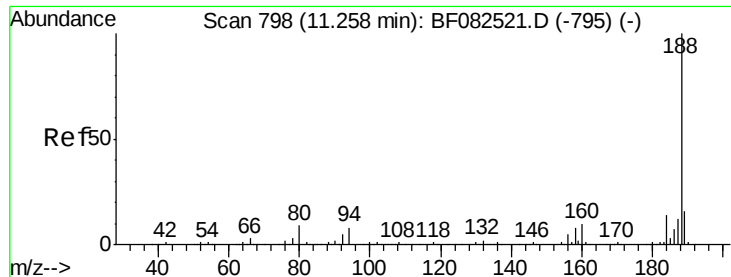
Abundance Ion 165.00 (164.70 to 165.70): E

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

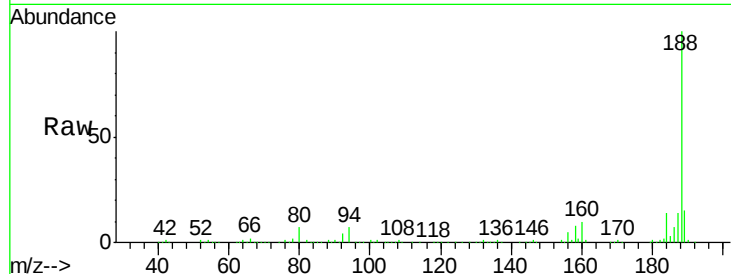




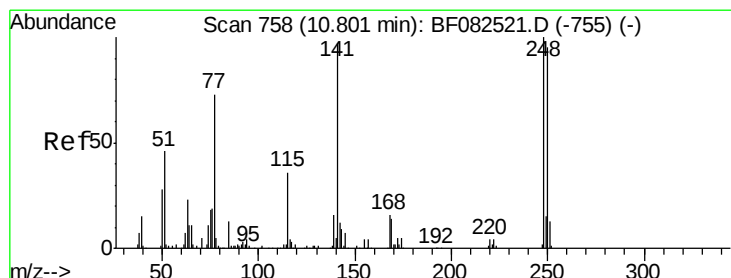
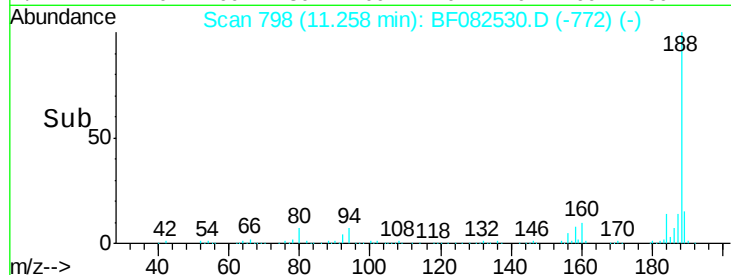
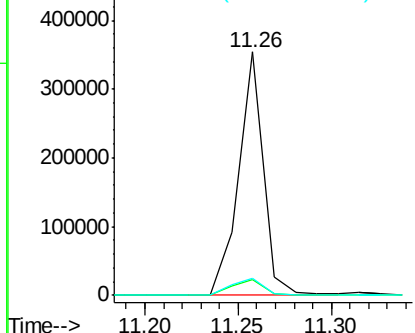
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF082530.D
 Acq: 27 Oct 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 NB3-02(0-2)

Tgt Ion:188 Resp: 330461
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.4 9.6
 80 7.0 7.0 10.6#

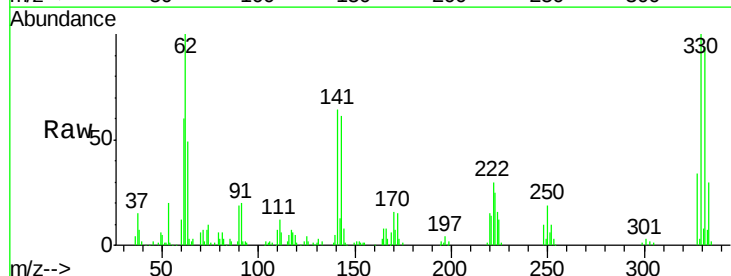


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

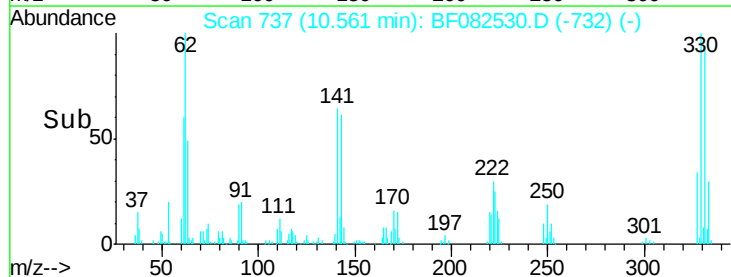
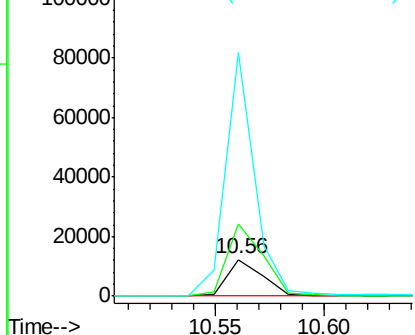


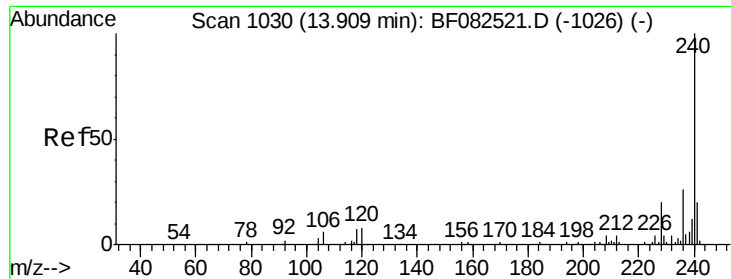
#66
 4-Bromophenyl-phenylether
 Concen: 4.45 ng
 RT: 10.56 min Scan# 737
 Delta R.T. -0.24 min
 Lab File: BF082530.D
 Acq: 27 Oct 2015 4:37

Tgt Ion:248 Resp: 13786
 Ion Ratio Lower Upper
 248 100
 250 197.8 76.0 114.0#
 141 663.7 77.5 116.3#



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

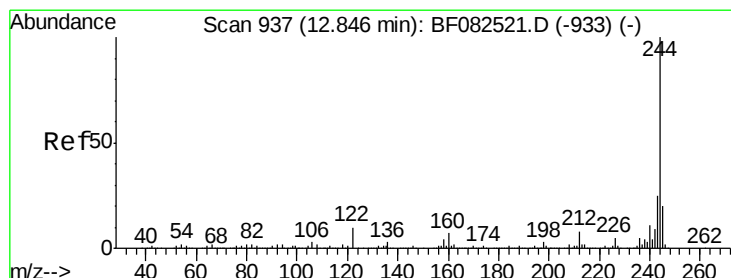
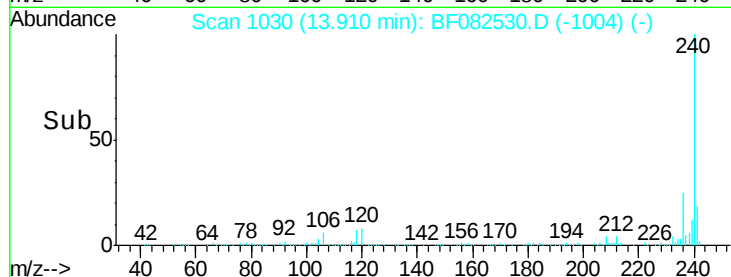
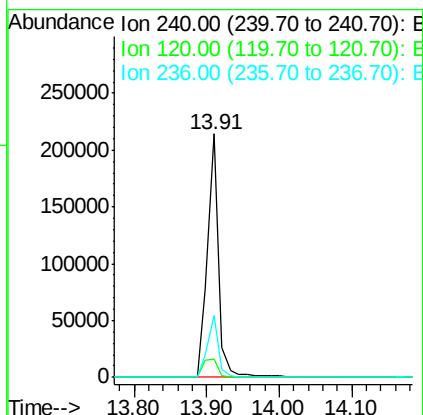
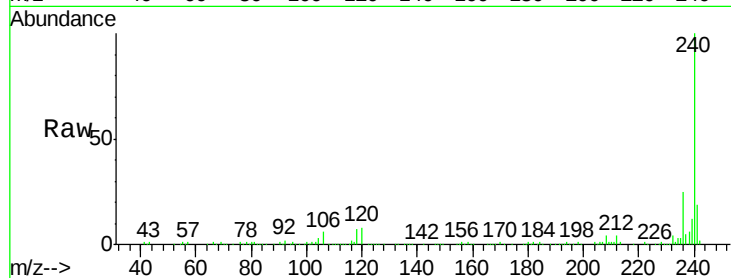




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF082530.D
 Acq: 27 Oct 2015 4:37

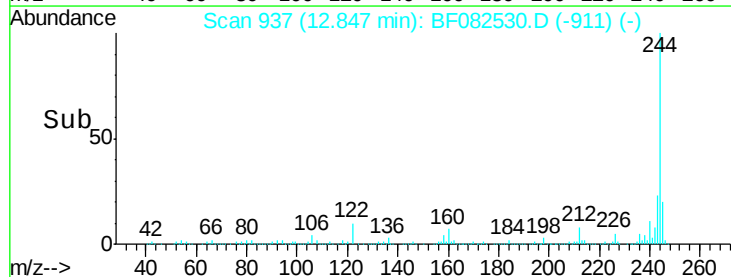
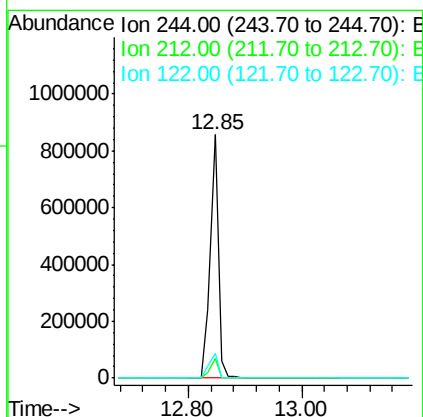
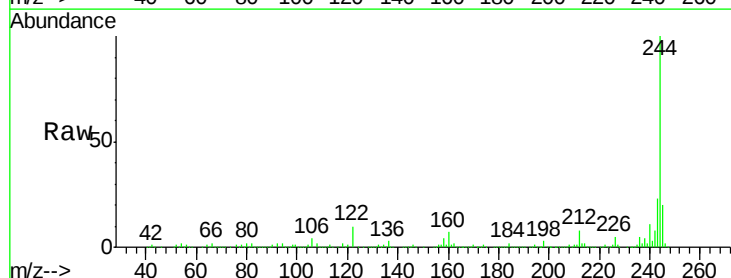
Instrument :
 BNA_F
 ClientSampleId :
 NB3-02(0-2)

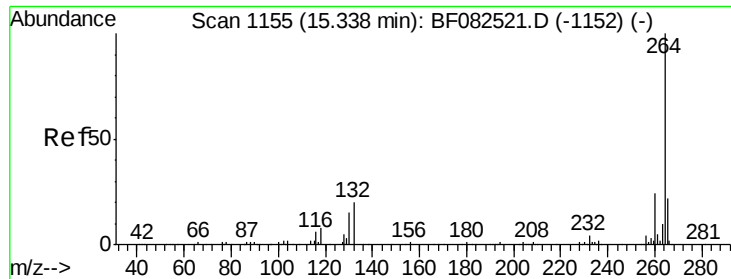
Tgt Ion:240 Resp: 231636
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.5 9.7
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 101.51 ng
 RT: 12.85 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF082530.D
 Acq: 27 Oct 2015 4:37

Tgt Ion:244 Resp: 816170
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 10.2 8.1 12.1

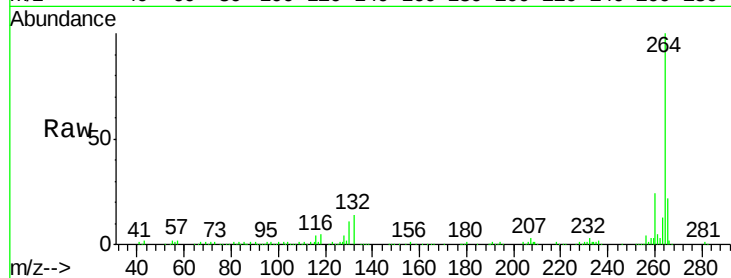




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1157
Delta R.T. 0.02 min
Lab File: BF082530.D
Acq: 27 Oct 2015 4:37

Instrument :
BNA_F
ClientSampleId :
NB3-02(0-2)

Tgt Ion: 264 Resp: 194493
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.7 17.8 26.6



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

