

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082407.D
 Acq On : 21 Oct 2015 16:37
 Operator : UM/IZ
 Sample : G4099-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20151013

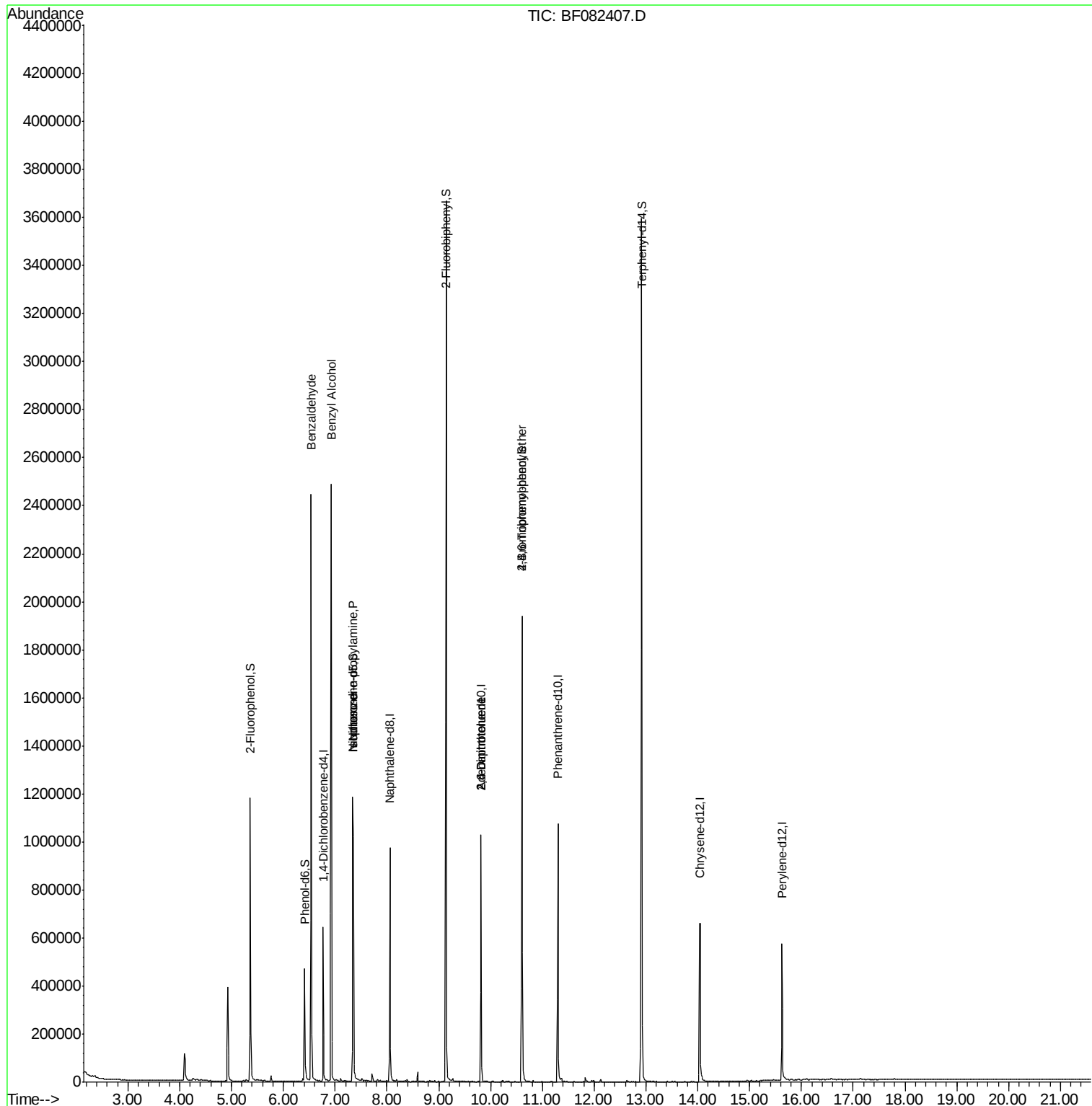
Quant Time: Oct 22 09:47:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

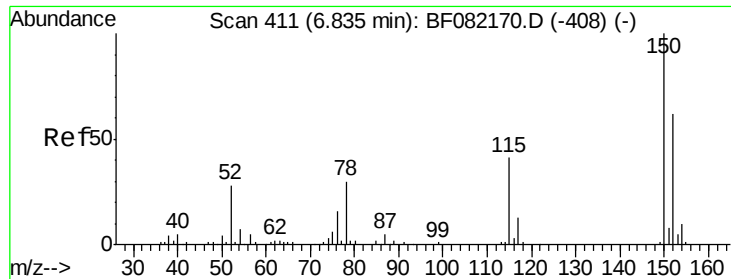
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112452	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	447605	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	228636	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	469685	20.00	ng	0.00
75) Chrysene-d12	14.05	240	406814	20.00	ng	0.03
86) Perylene-d12	15.62	264	293178	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	344305	61.79	ng	0.00
7) Phenol-d6	6.41	99	255197	35.20	ng	-0.01
23) Nitrobenzene-d5	7.34	82	611876	91.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	233088	108.71	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1302088	94.44	ng	0.00
78) Terphenyl-d14	12.91	244	1338917	87.22	ng	0.01
Target Compounds						
9) Benzaldehyde	6.54	77	14899	4.02	ng	# 78
15) Benzyl Alcohol	6.93	79	10849	2.17	ng	# 52
19) n-Nitroso-di-n-propylamine	7.34	70	78750	15.47	ng	# 80
25) Isophorone	7.34	82	579629	43.09	ng	# 66
50) 2,6-Dinitrotoluene	9.82	165	27882	8.21	ng	# 32
56) 2,4-Dinitrotoluene	9.82	165	27882	6.57	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	17347	3.69	ng	# 1

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

```
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Acq On    : 21 Oct 2015  16:37  
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Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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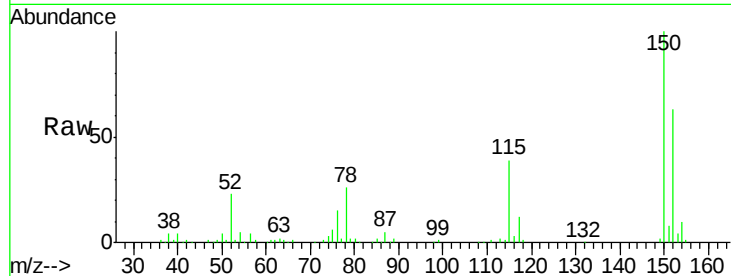


#1

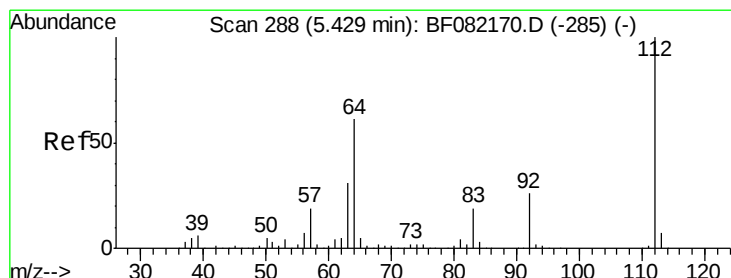
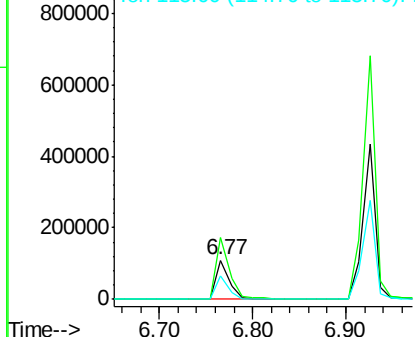
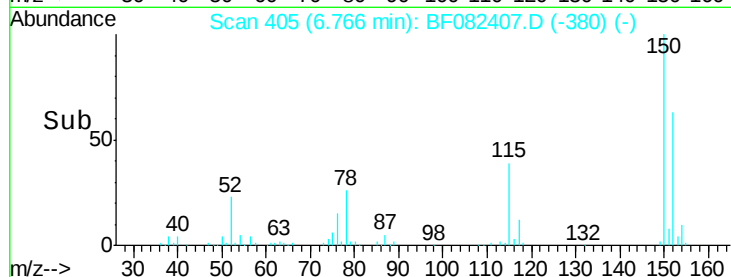
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082407.D
 Acq: 21 Oct 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 FB-20151013

Tot Ion:152 Resp: 112452
 Ion Ratio Lower Upper
 152 100
 150 157.9 129.0 193.4
 115 61.2 52.1 78.1



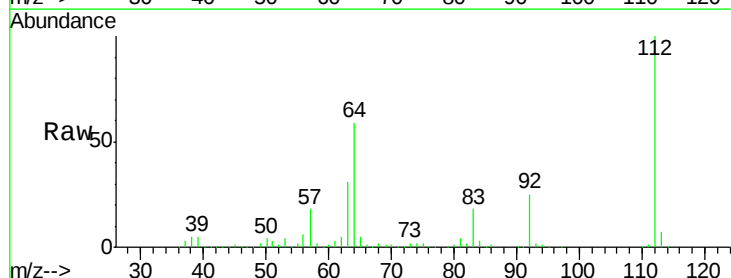
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



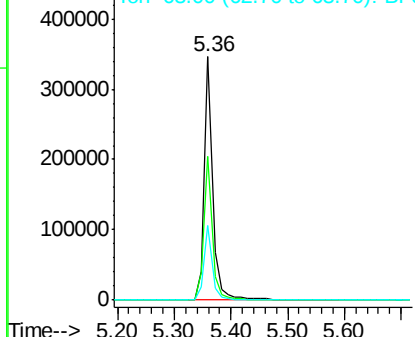
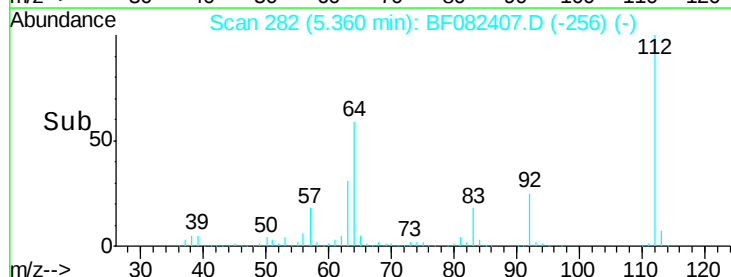
#5

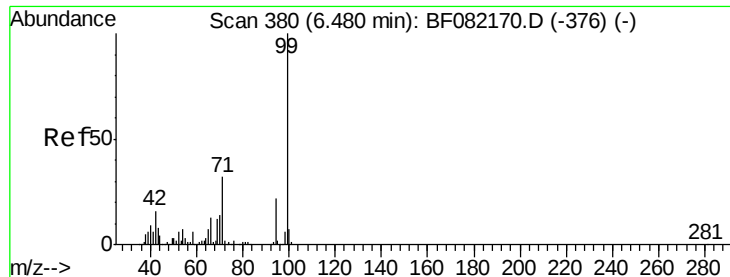
2-Fluorophenol
 Concen: 61.79 ng
 RT: 5.36 min Scan# 282
 Delta R.T. -0.00 min
 Lab File: BF082407.D
 Acq: 21 Oct 2015 16:37

Tgt Ion:112 Resp: 344305
 Ion Ratio Lower Upper
 112 100
 64 59.2 48.6 73.0
 63 30.7 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: 35.20 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

Instrument :

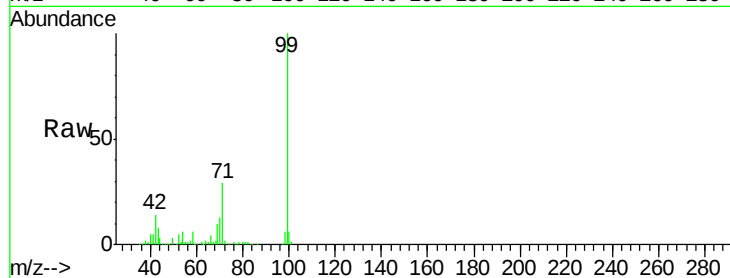
BNA_F

ClientSampleId :

FB-20151013

Tot Ion: 99 Resp: 255197

Ion	Ratio	Lower	Upper
99	100		
42	13.8	13.2	19.8
71	29.1	25.6	38.4

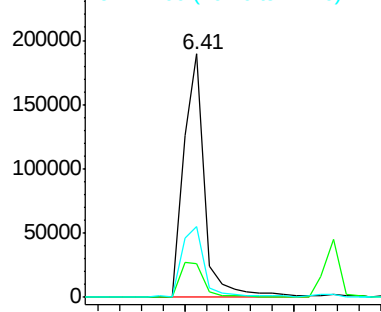


Abundance

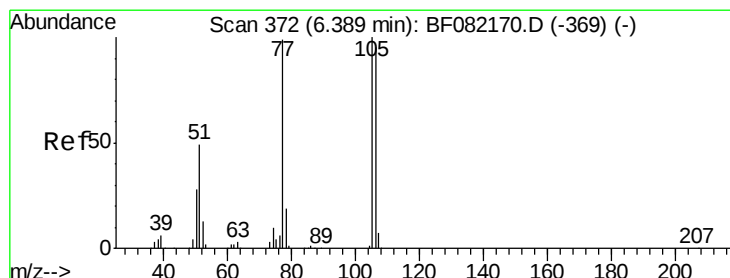
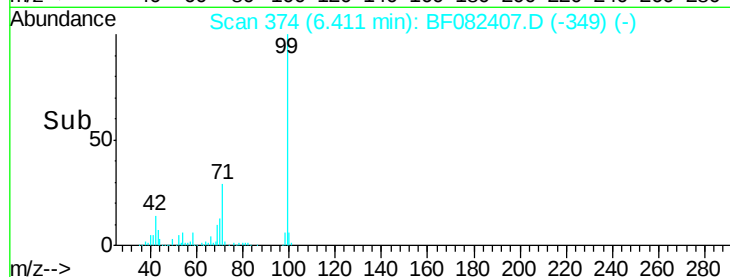
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 4.02 ng

RT: 6.54 min Scan# 385

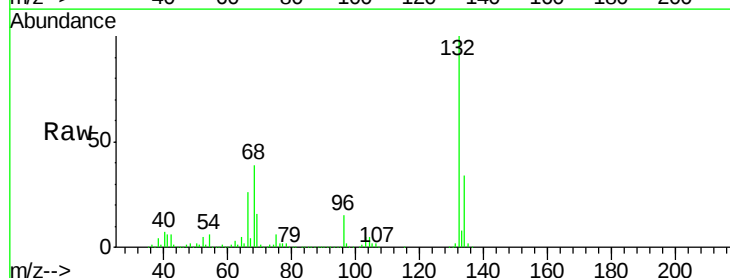
Delta R.T. 0.22 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

Tgt Ion: 77 Resp: 14899

Ion	Ratio	Lower	Upper
77	100		
105	81.3	80.6	120.6
106	70.8	75.5	115.5

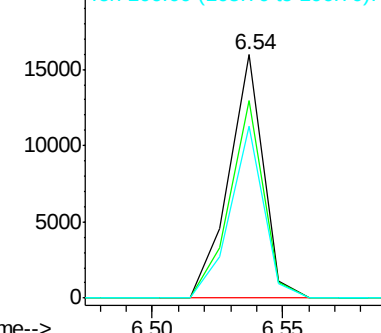


Abundance

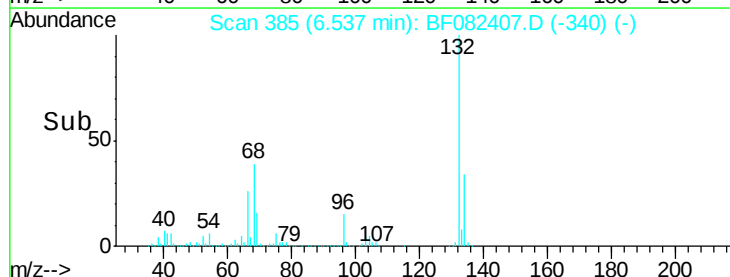
Ion 77.00 (76.70 to 77.70): BF0

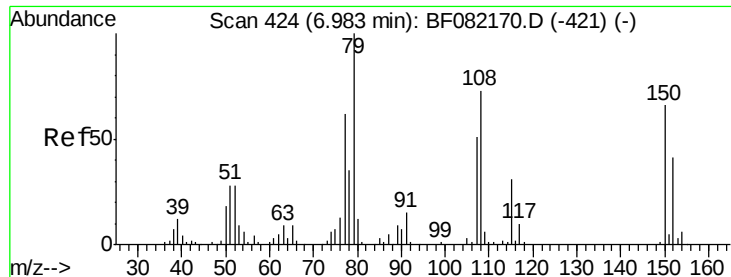
Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



Time-->





#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-20151013

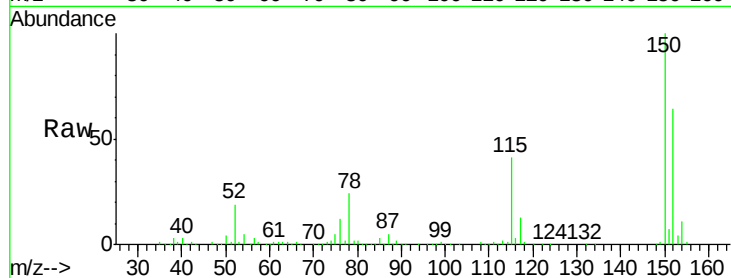
Tot Ion: 79 Resp: 10849

Ion Ratio Lower Upper

79 100

108 31.2 58.4 87.6#

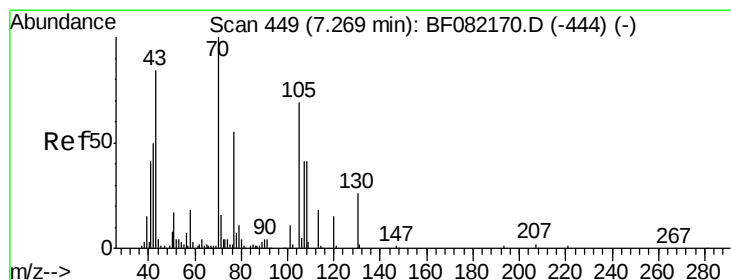
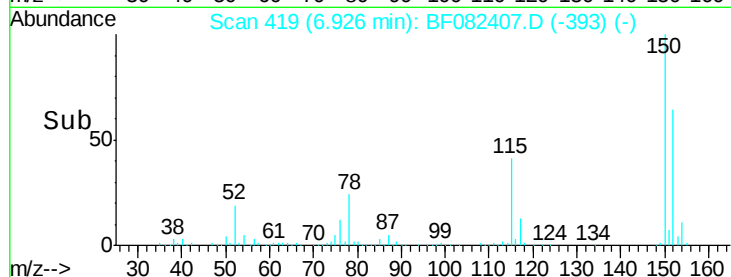
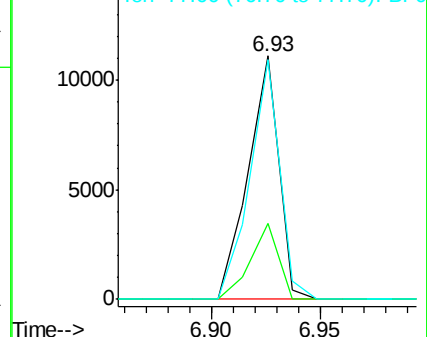
77 98.2 49.8 74.6#



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: 15.47 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

Tgt Ion: 70 Resp: 78750

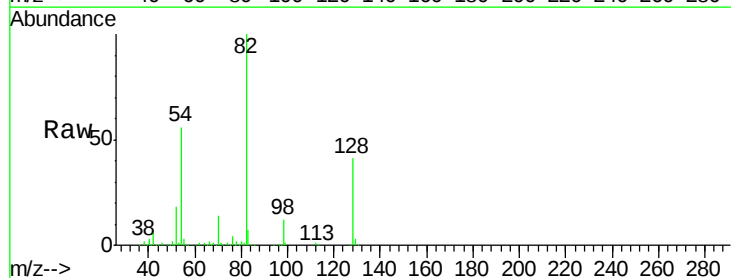
Ion Ratio Lower Upper

70 100

42 47.3 39.8 59.8

101 0.0 8.6 13.0#

130 1.9 20.5 30.7#

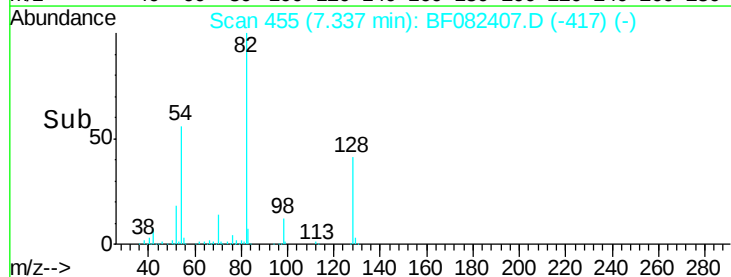
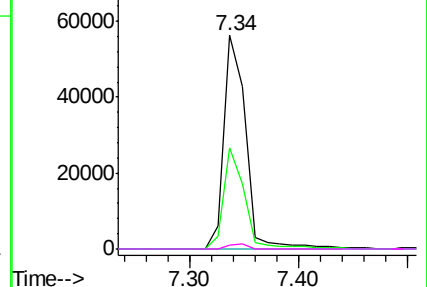


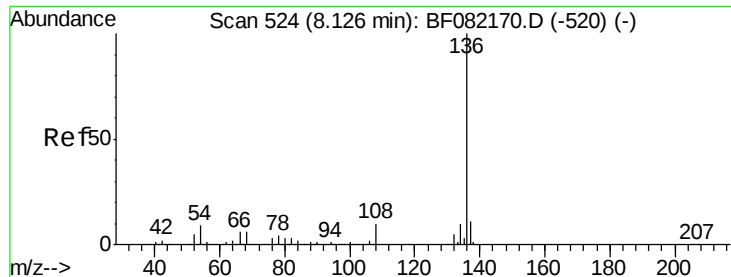
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-20151013

Tot Ion:136 Resp: 447605

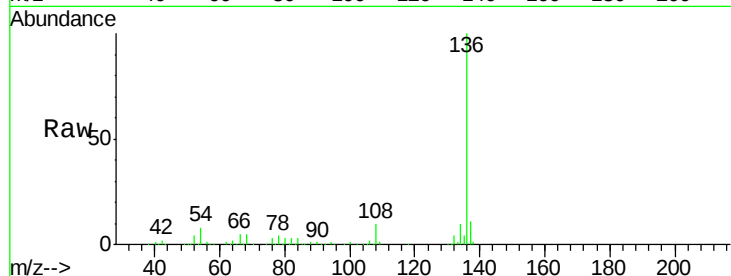
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.0 7.5 11.3

68 5.5 4.6 7.0

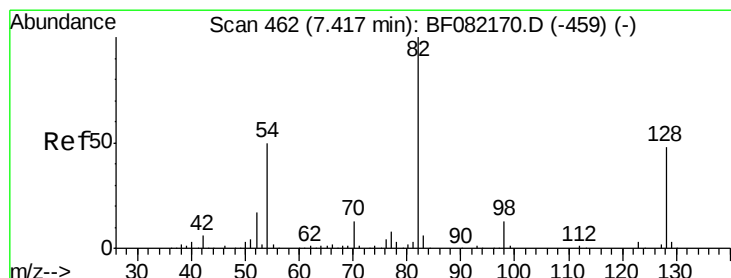
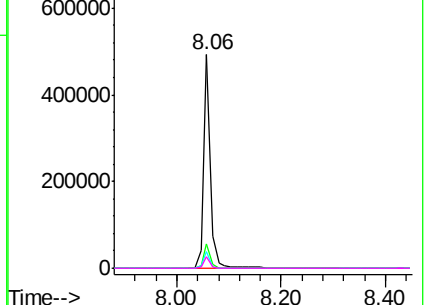
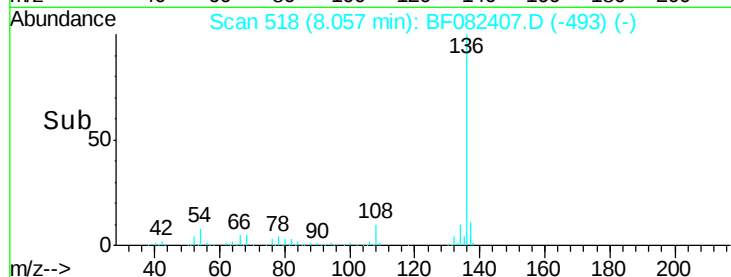


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.80 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

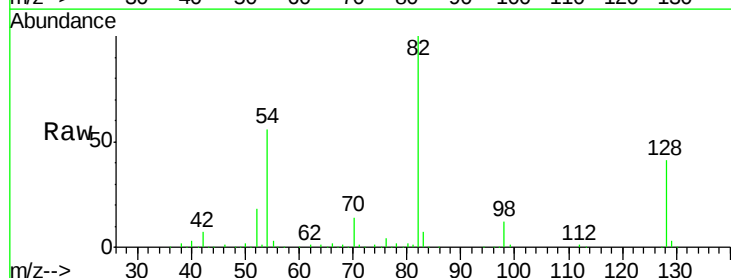
Tgt Ion: 82 Resp: 611876

Ion Ratio Lower Upper

82 100

128 41.0 38.7 58.1

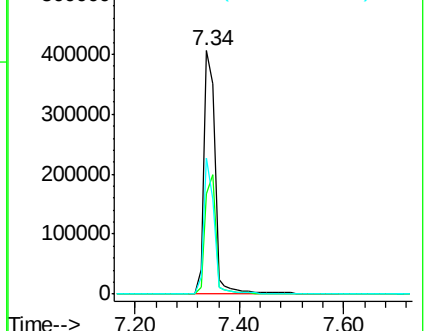
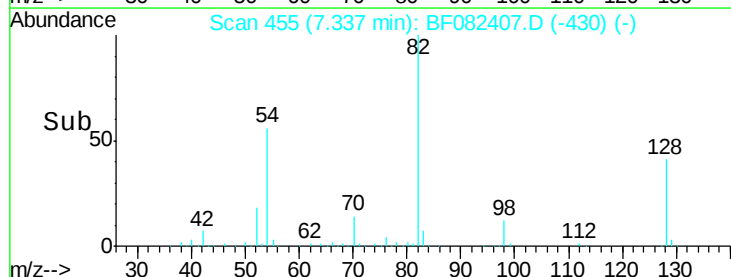
54 56.0 40.1 60.1

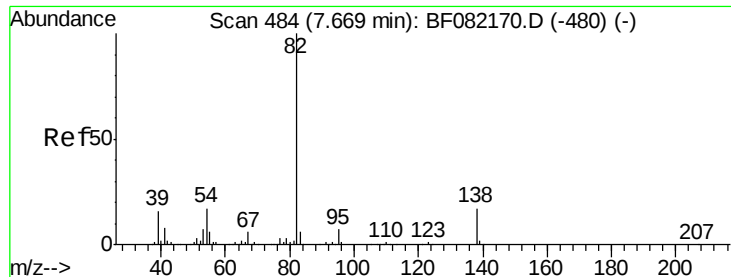


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 43.09 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-20151013

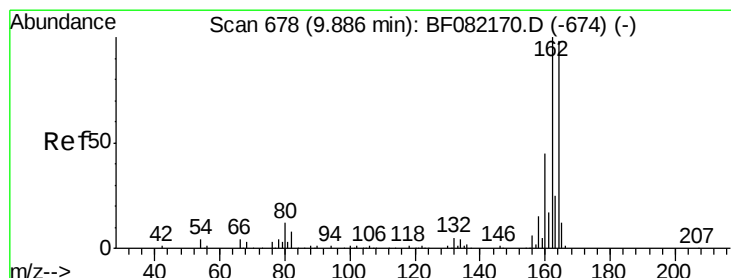
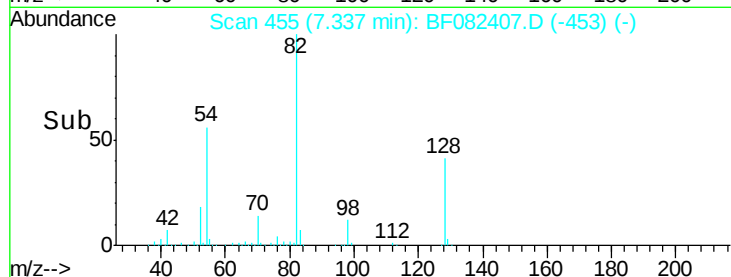
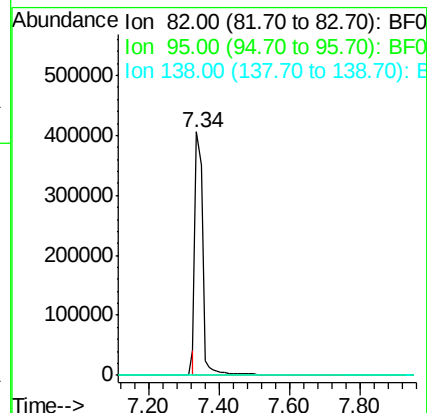
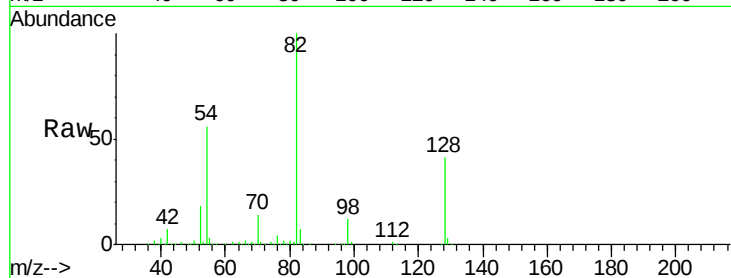
Tot Ion: 82 Resp: 579629

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: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082407.D

Acq: 21 Oct 2015 16:37

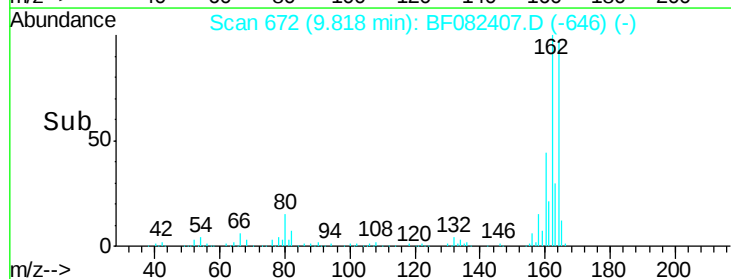
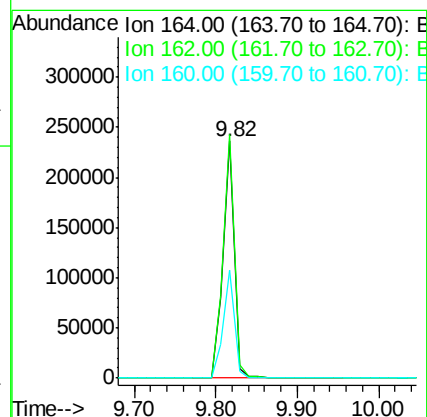
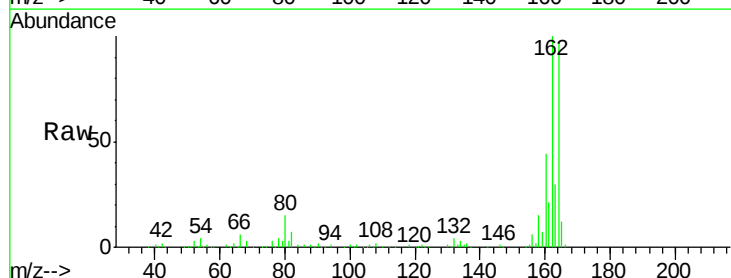
Tgt Ion:164 Resp: 228636

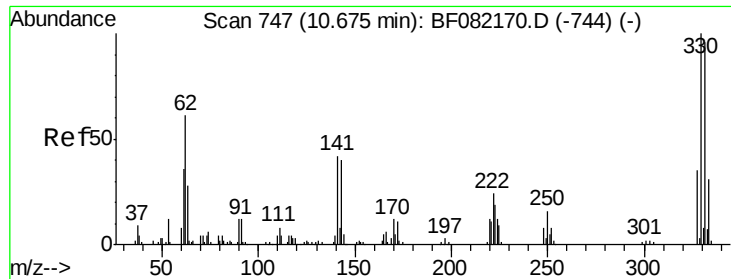
Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

160 45.4 36.4 54.6

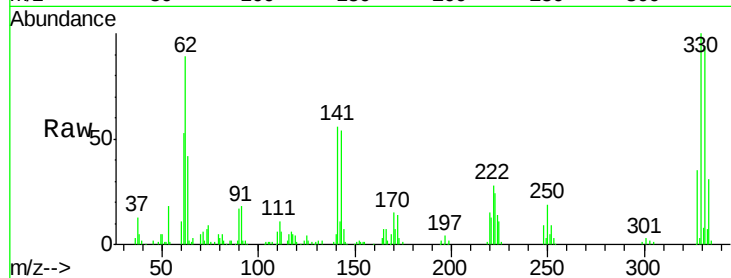




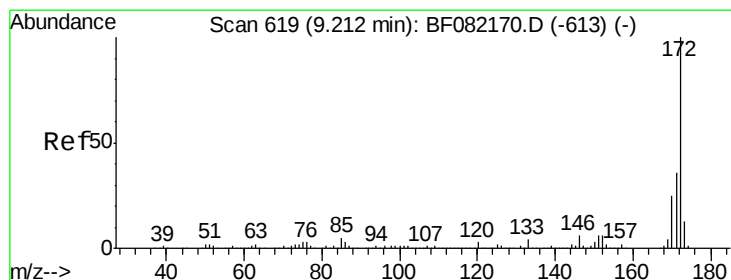
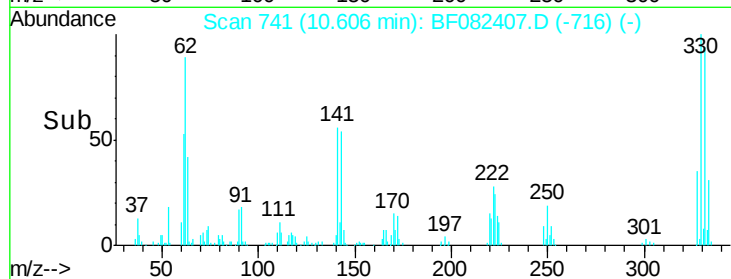
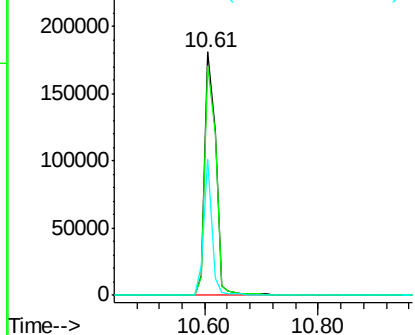
#41
 2,4,6-Tribromophenol
 Concen: 108.71 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082407.D
 Acq: 21 Oct 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 FB-20151013

Tot Ion:330 Resp: 233088
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 42.3 29.8 44.8

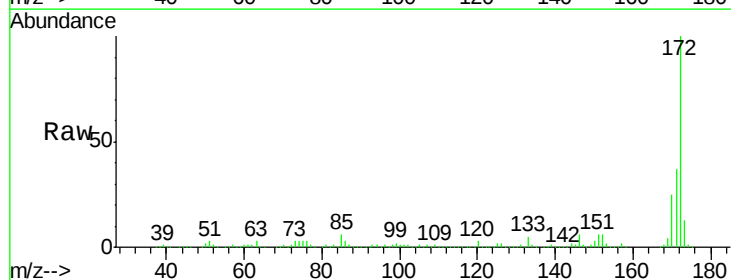


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

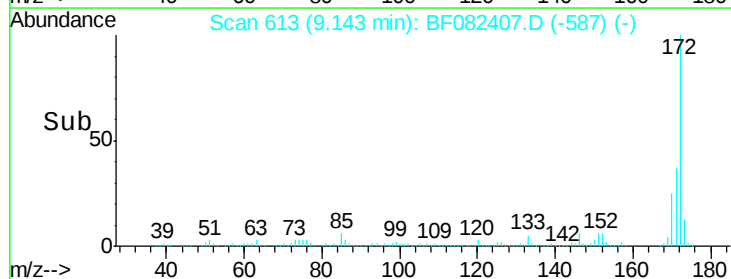
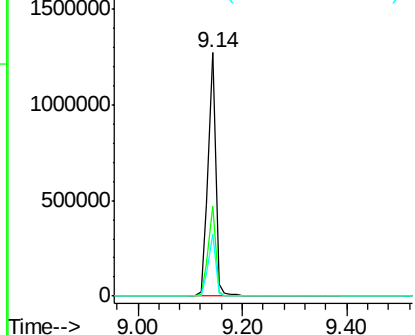


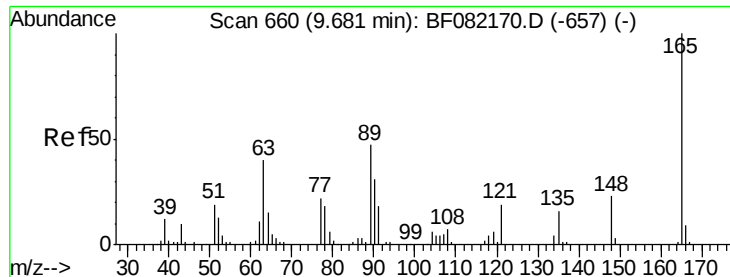
#44
 2-Fluorobiphenyl
 Concen: 94.44 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082407.D
 Acq: 21 Oct 2015 16:37

Tgt Ion:172 Resp: 1302088
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 42.8
 170 25.4 19.7 29.5



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

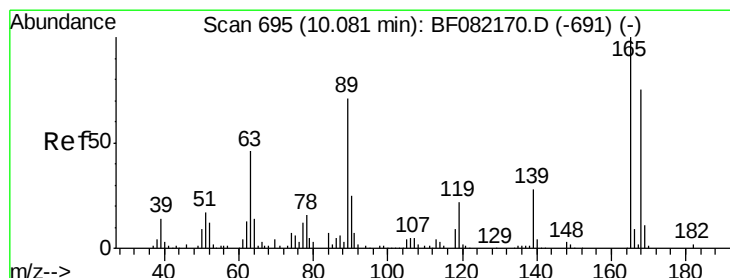
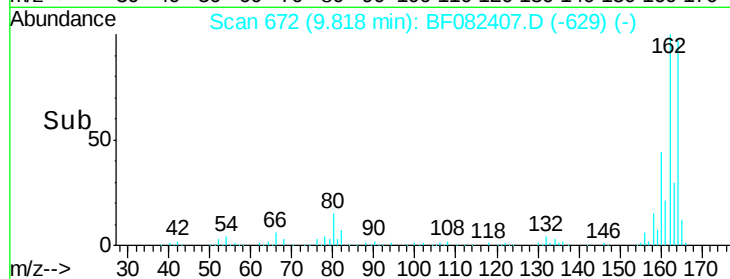
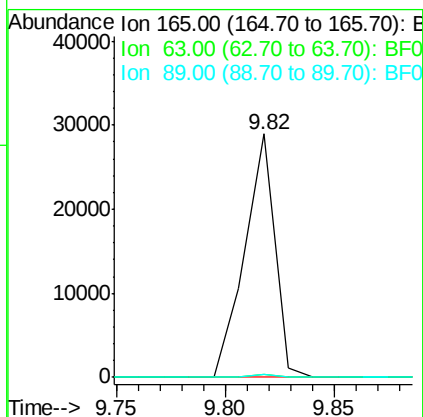
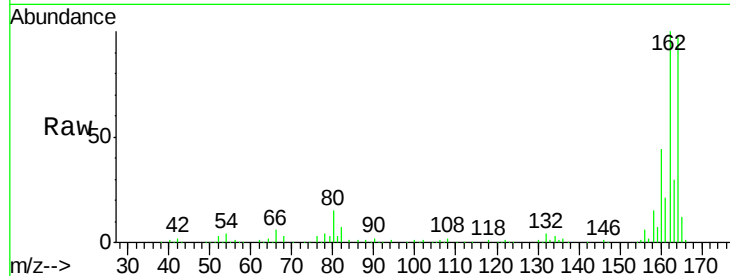




#50
 2,6-Dinitrotoluene
 Concen: 8.21 ng
 RT: 9.82 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF082407.D
 Acq: 21 Oct 2015 16:37

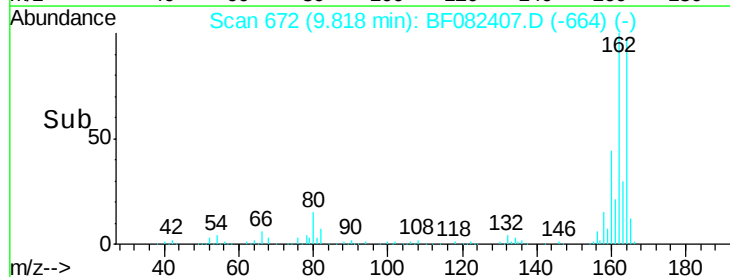
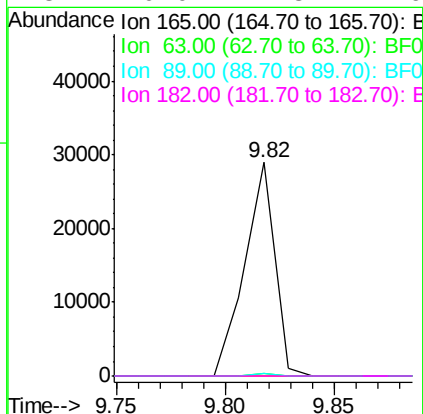
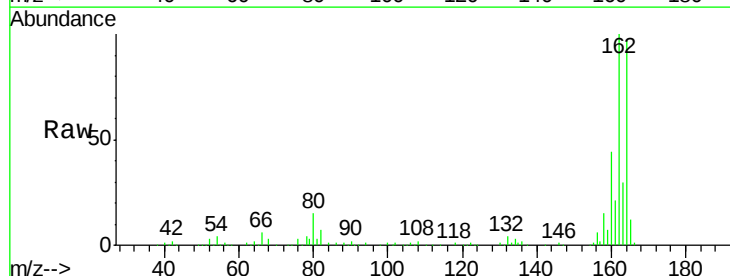
Instrument :
 BNA_F
 ClientSampleId :
 FB-20151013

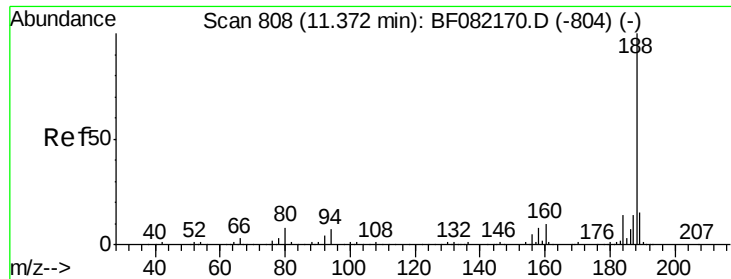
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.5	37.8	56.6#



#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF082407.D
 Acq: 21 Oct 2015 16:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.6	58.0#
89	1.5	57.0	85.6#
182	0.0	1.8	2.6#

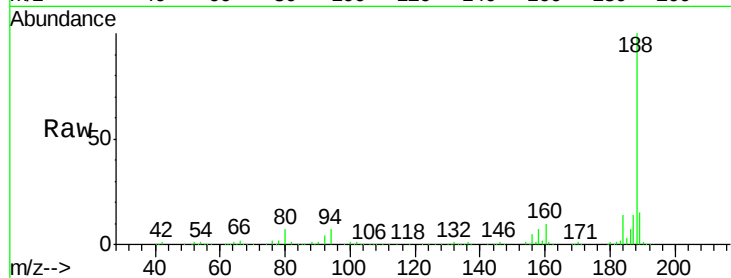




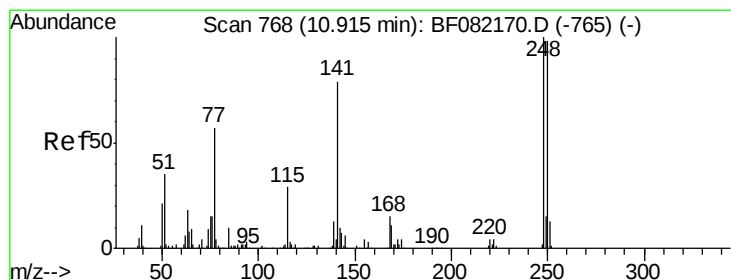
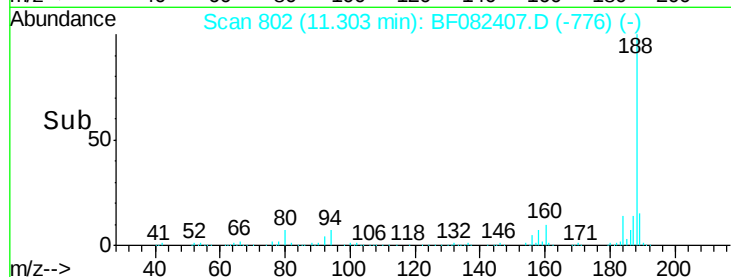
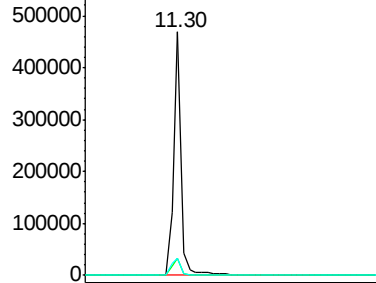
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082407.D
Acq: 21 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :
FB-20151013

Tot Ion:188 Resp: 469685
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.0 6.4 9.6

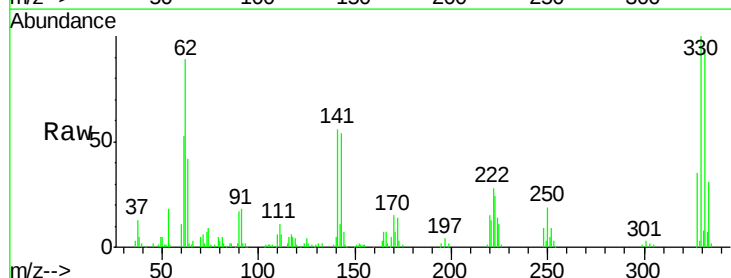


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

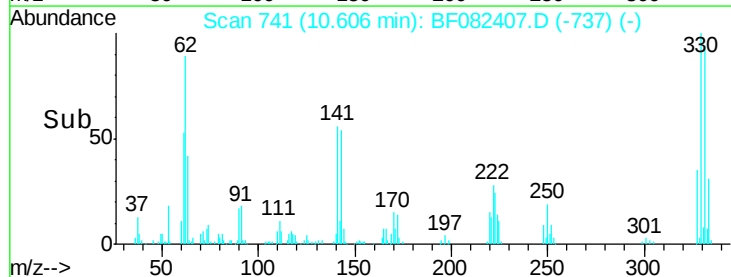
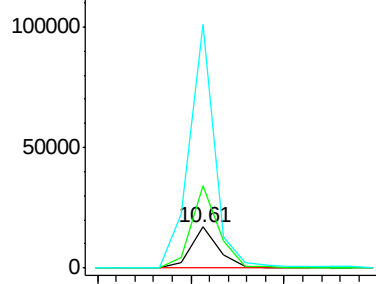


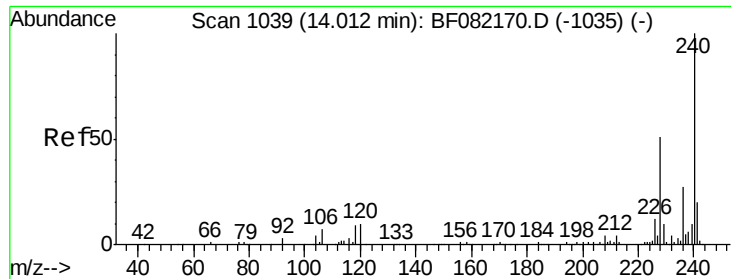
#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082407.D
Acq: 21 Oct 2015 16:37

Tgt Ion:248 Resp: 17347
Ion Ratio Lower Upper
248 100
250 199.5 78.6 117.8#
141 594.4 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

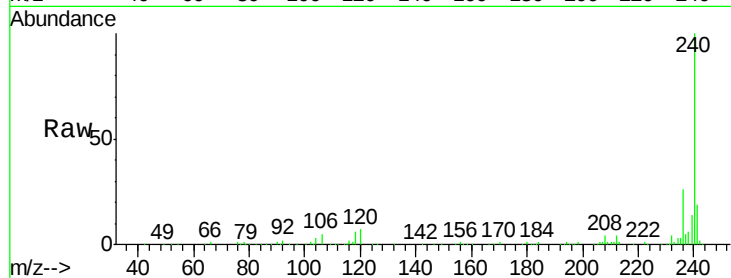




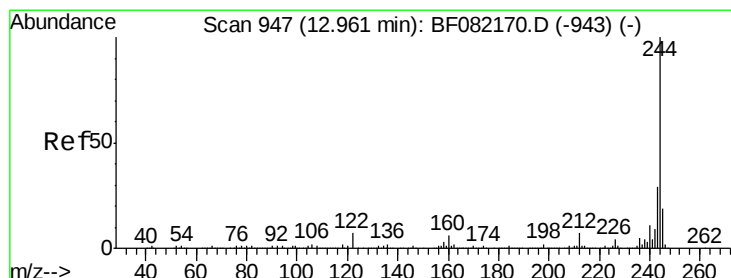
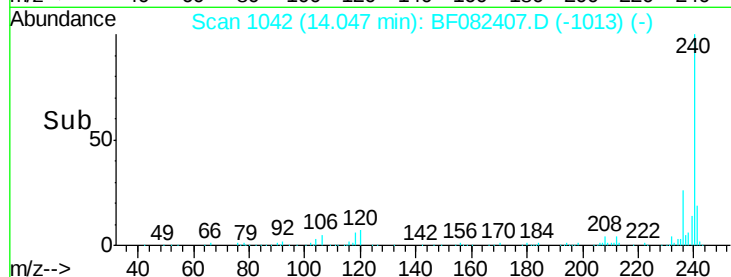
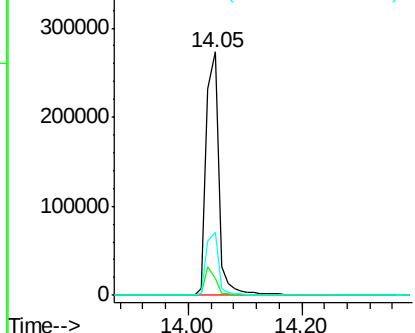
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. 0.03 min
Lab File: BF082407.D
Acq: 21 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :
FB-20151013

Tot Ion:240 Resp: 406814
Ion Ratio Lower Upper
240 100
120 7.1 8.1 12.1#
236 25.9 21.3 31.9

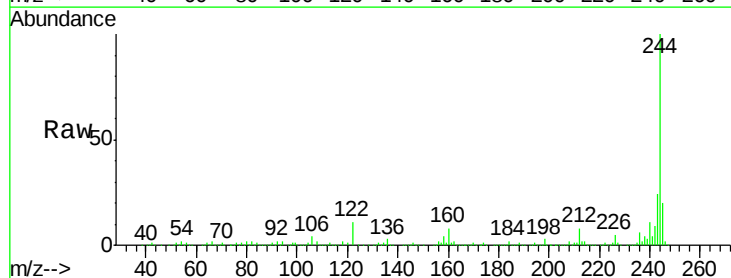


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

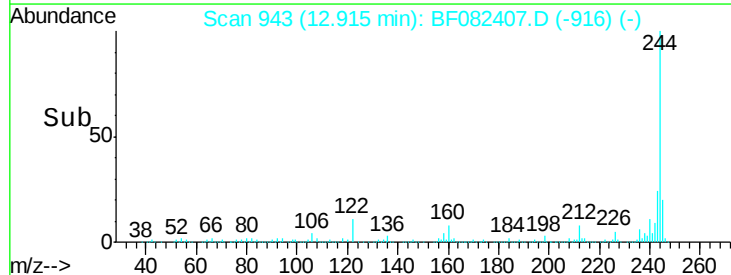
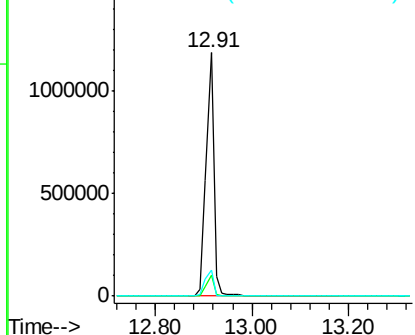


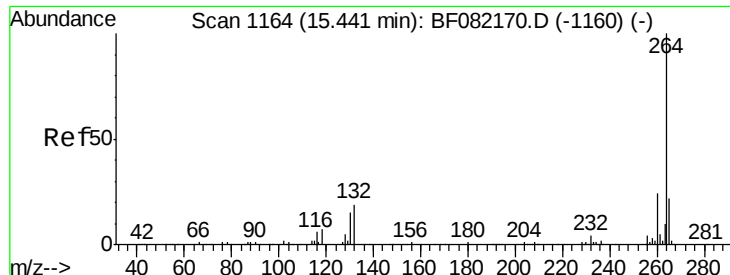
#78
Terphenyl-d14
Concen: 87.22 ng
RT: 12.91 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF082407.D
Acq: 21 Oct 2015 16:37

Tgt Ion:244 Resp: 1338917
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.6
122 10.7 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

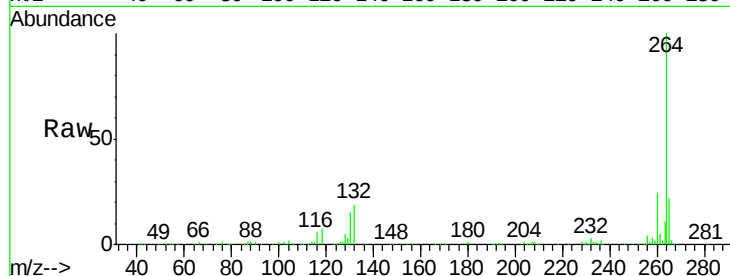




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1180
Delta R.T. 0.09 min
Lab File: BF082407.D
Acq: 21 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :
FB-20151013

Tot Ion: 264 Resp: 293178
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 22.0 17.3 25.9



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

