

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082357.D
 Acq On : 19 Oct 2015 15:59
 Operator : UM/IZ
 Sample : PB86144BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86144BL

Quant Time: Oct 20 02:03:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

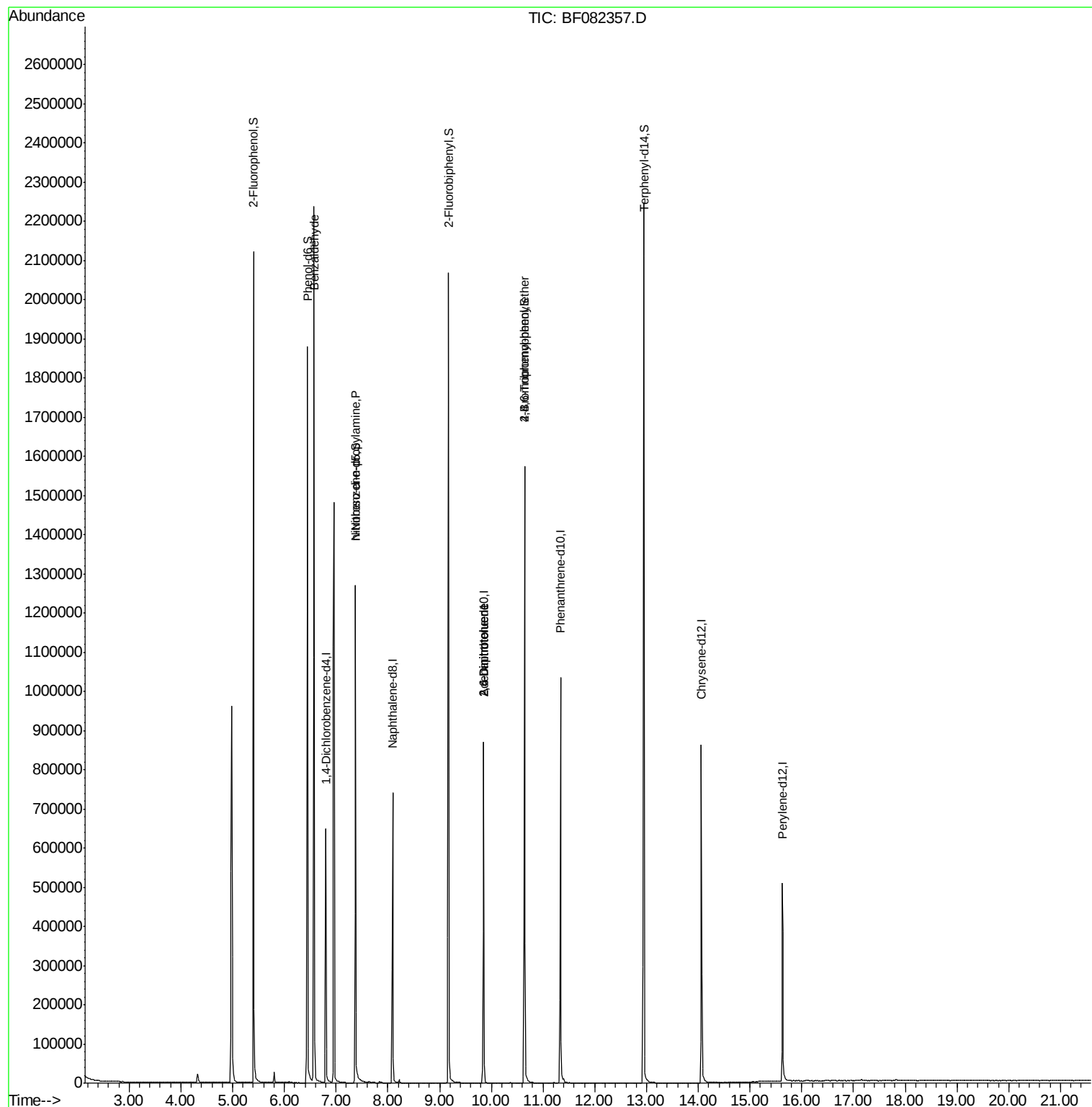
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	106489	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	411033	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	209250	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	424603	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	365882	20.00	ng	-0.03
86) Perylene-d12	15.62	264	285758	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	640594	121.41	ng	0.01
7) Phenol-d6	6.45	99	860285	125.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	495003	80.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	188039	95.82	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1073103	85.05	ng	0.00
78) Terphenyl-d14	12.95	244	1148683	83.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	15293	4.36	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.37	70	64673	13.41	ng	# 78
50) 2,6-Dinitrotoluene	9.85	165	26368	8.48	ng	# 31
56) 2,4-Dinitrotoluene	9.85	165	26368	6.79	ng	# 22
66) 4-Bromophenyl-phenylether	10.64	248	13907	3.27	ng	# 1

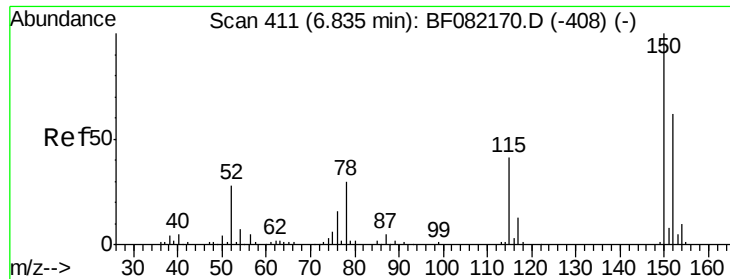
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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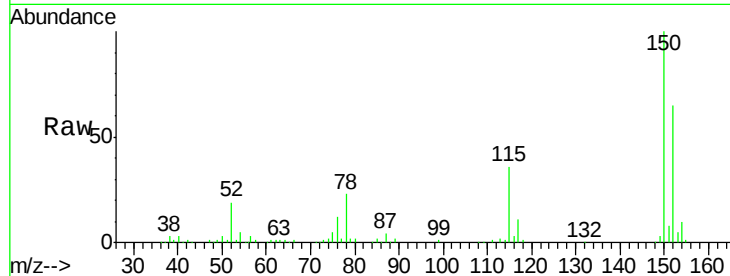


#1

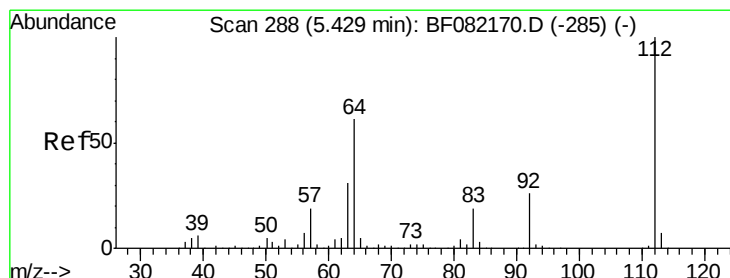
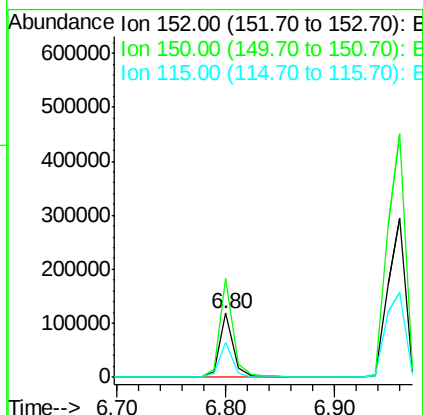
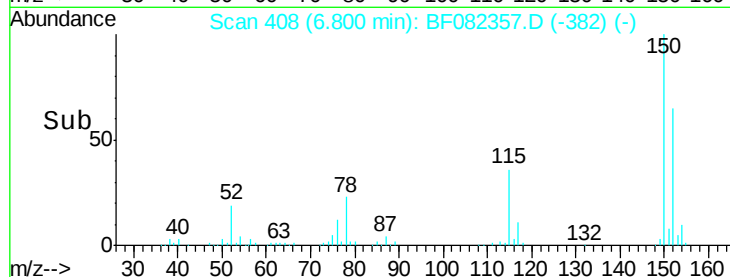
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF082357.D
Acq: 19 Oct 2015 15:59

Instrument :
BNA_F
ClientSampleId :
PB86144BL

Tot Ion:152 Resp: 106489
Ion Ratio Lower Upper
152 100
150 153.8 129.0 193.4
115 55.5 52.1 78.1



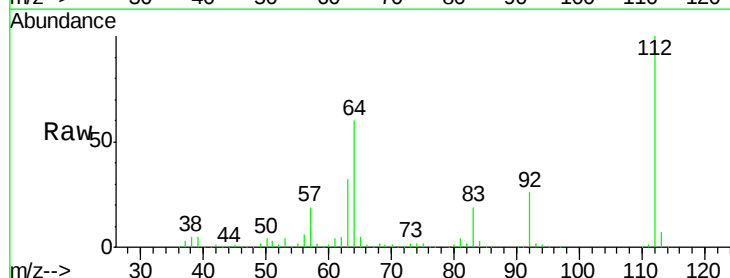
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



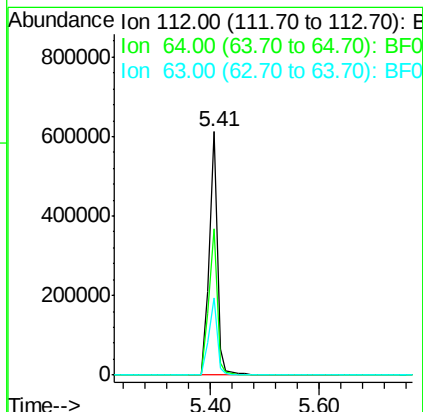
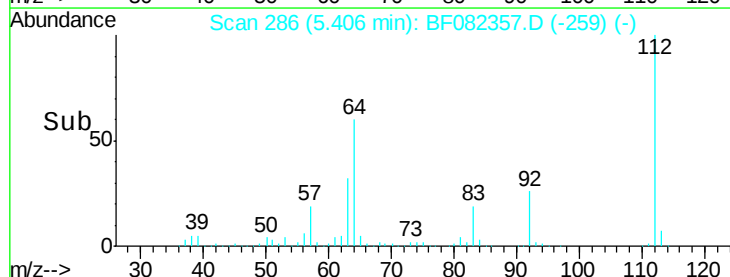
#5

2-Fluorophenol
Concen: 121.41 ng
RT: 5.41 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF082357.D
Acq: 19 Oct 2015 15:59

Tgt Ion:112 Resp: 640594
Ion Ratio Lower Upper
112 100
64 60.1 48.6 73.0
63 31.8 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: 125.29 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082357.D

Acq: 19 Oct 2015 15:59

Instrument :

BNA_F

ClientSampleId :

PB86144BL

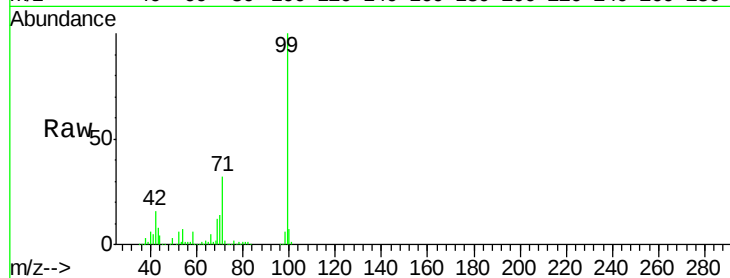
Tot Ion: 99 Resp: 860285

Ion Ratio Lower Upper

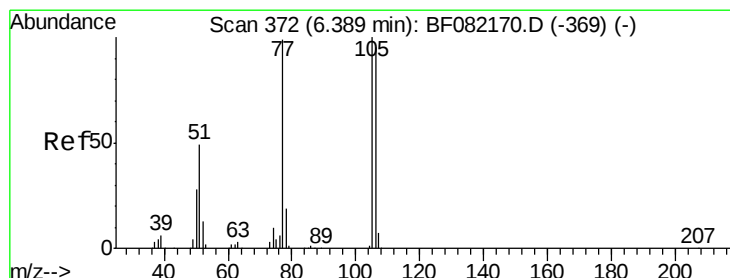
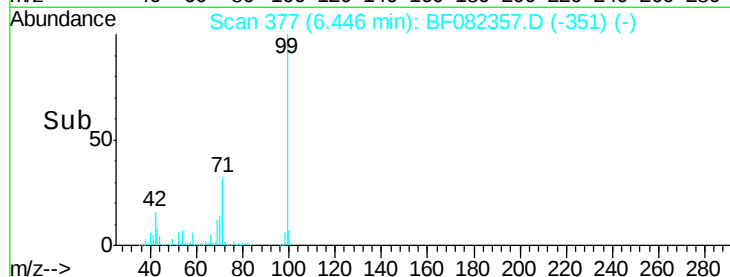
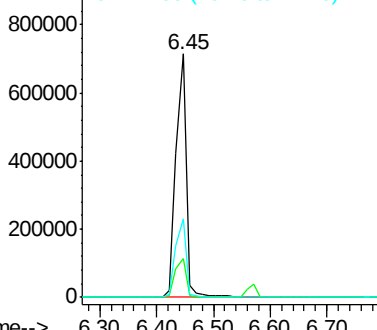
99 100

42 15.8 13.2 19.8

71 32.4 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



#9

Benzaldehyde

Concen: 4.36 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.22 min

Lab File: BF082357.D

Acq: 19 Oct 2015 15:59

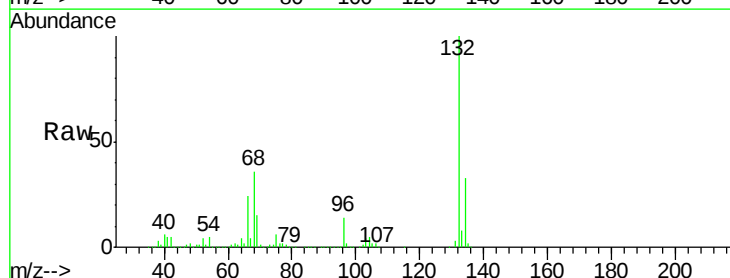
Tgt Ion: 77 Resp: 15293

Ion Ratio Lower Upper

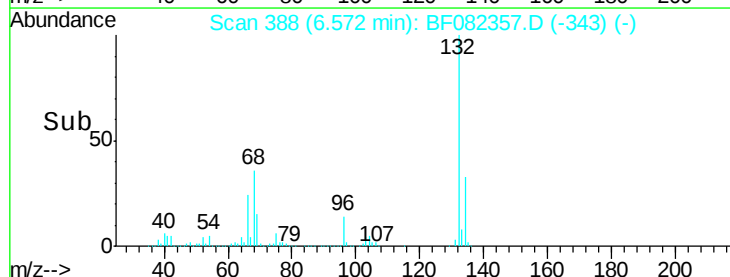
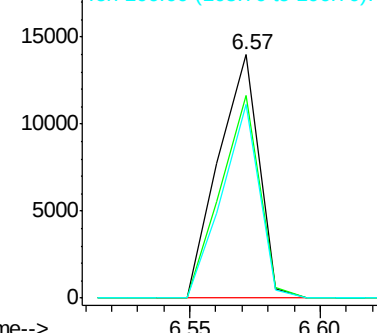
77 100

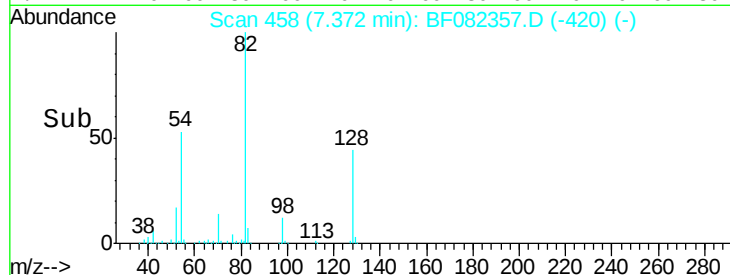
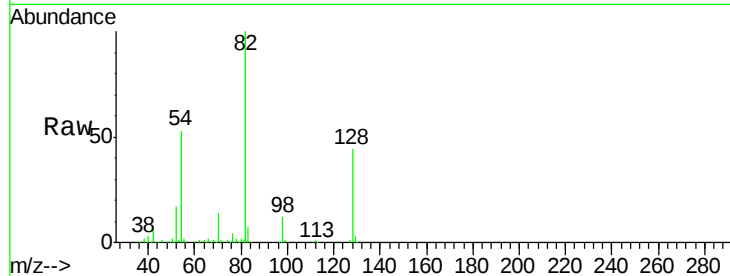
105 83.3 80.6 120.6

106 79.4 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

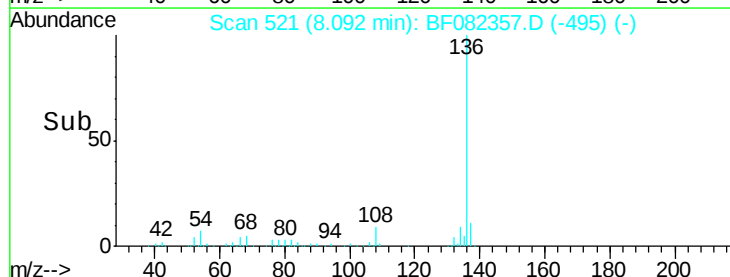
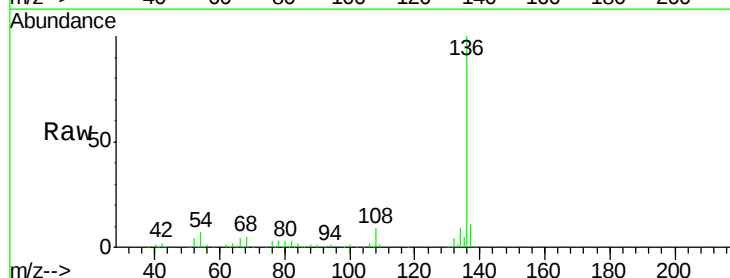
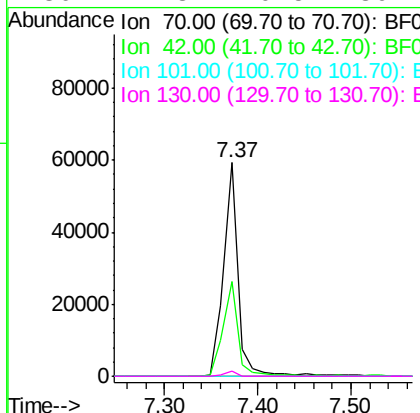




#19
n-Nitroso-di-n-propylamine
Concen: 13.41 ng
RT: 7.37 min Scan# 458
Delta R.T. 0.14 min
Lab File: BF082357.D
Acq: 19 Oct 2015 15:59

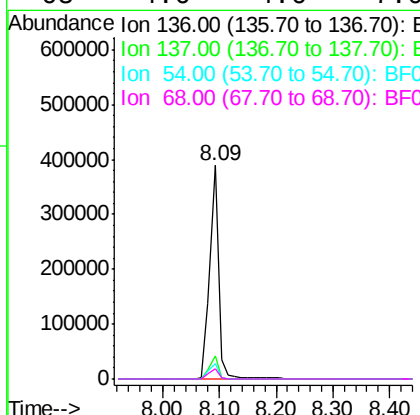
Instrument :
BNA_F
ClientSampleId :
PB86144BL

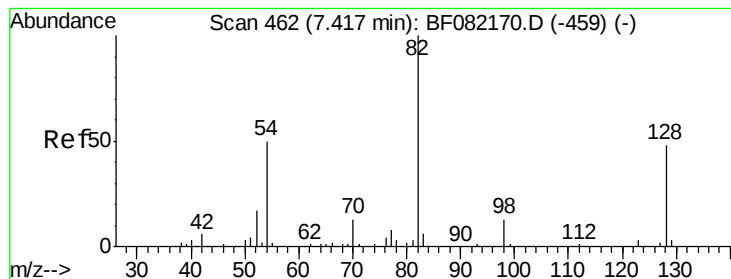
Tot Ion: 70 Resp: 64673
Ion Ratio Lower Upper
70 100
42 44.4 39.8 59.8
101 0.0 8.6 13.0#
130 2.3 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF082357.D
Acq: 19 Oct 2015 15:59

Tgt Ion: 136 Resp: 411033
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.1 7.5 11.3#
68 4.6 4.6 7.0





#23

Nitrobenzene-d5

Concen: 80.87 ng

RT: 7.37 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF082357.D

Acq: 19 Oct 2015 15:59

Instrument :

BNA_F

ClientSampleId :

PB86144BL

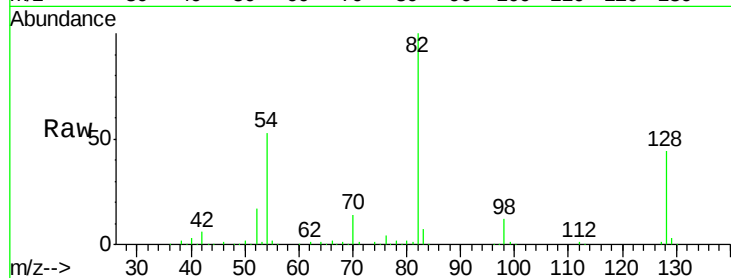
Tot Ion: 82 Resp: 495003

Ion Ratio Lower Upper

82 100

128 43.7 38.7 58.1

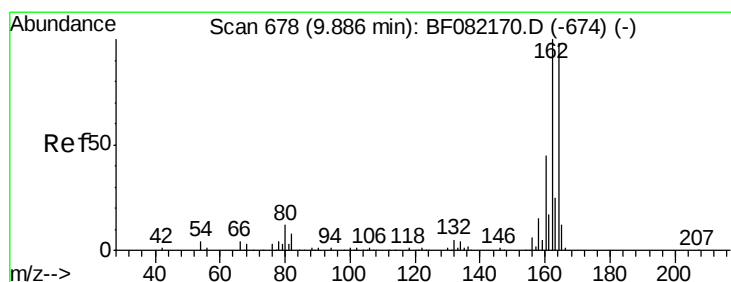
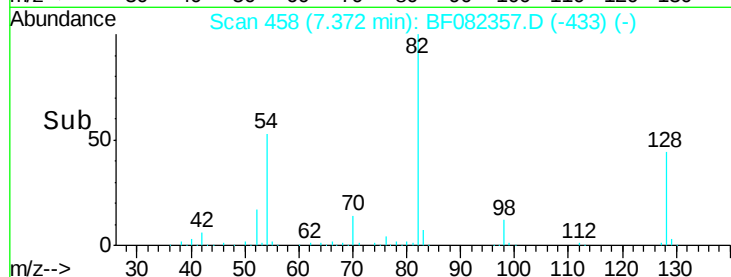
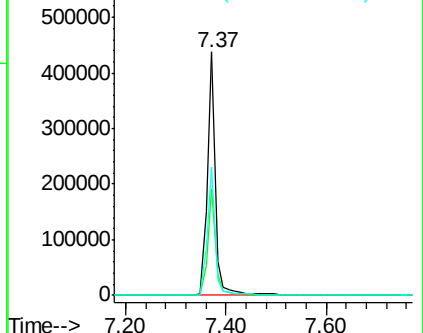
54 53.0 40.1 60.1



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: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082357.D

Acq: 19 Oct 2015 15:59

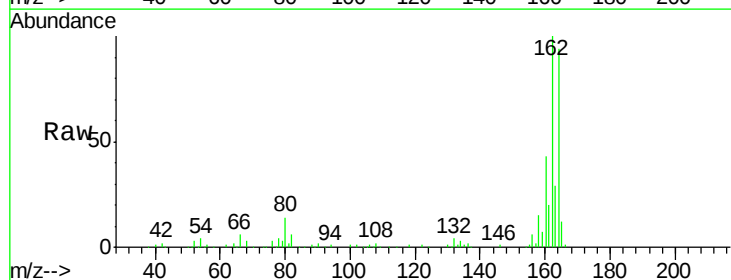
Tgt Ion: 164 Resp: 209250

Ion Ratio Lower Upper

164 100

162 106.7 81.6 122.4

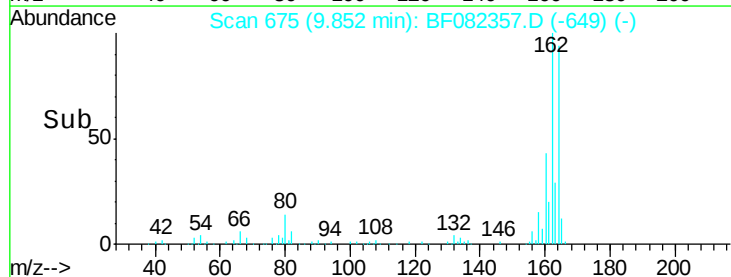
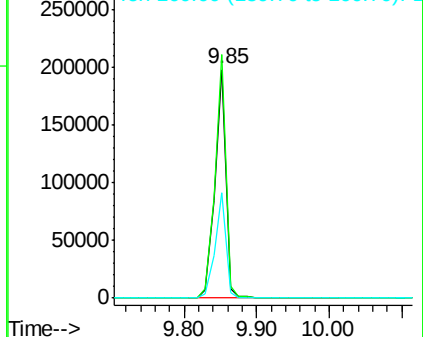
160 45.9 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

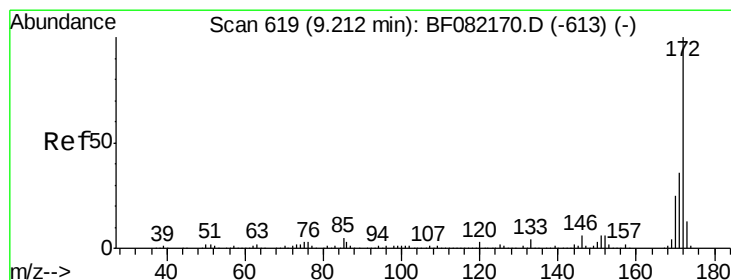
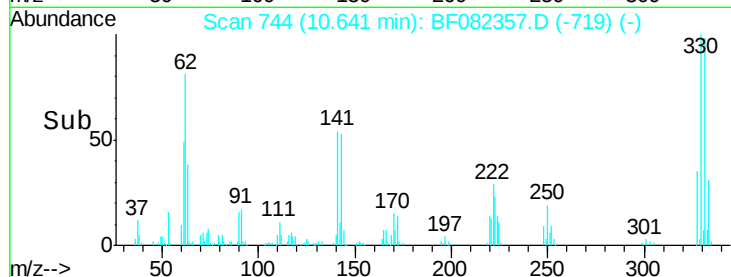
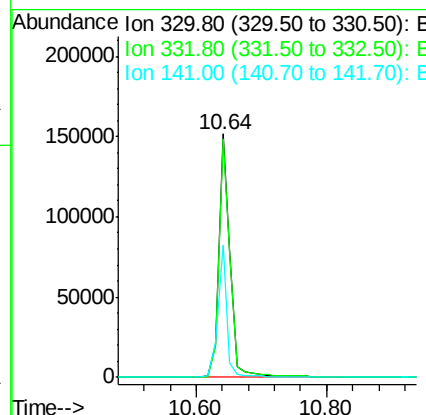
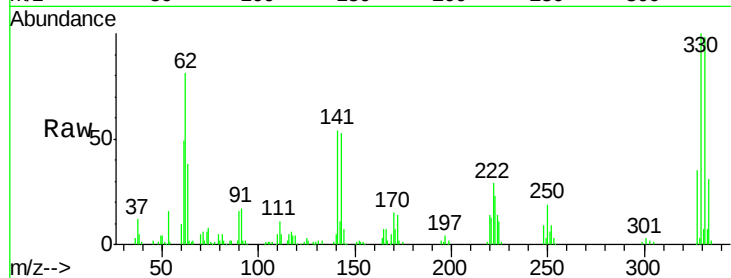




#41
 2,4,6-Tribromophenol
 Concen: 95.82 ng
 RT: 10.64 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF082357.D
 Acq: 19 Oct 2015 15:59

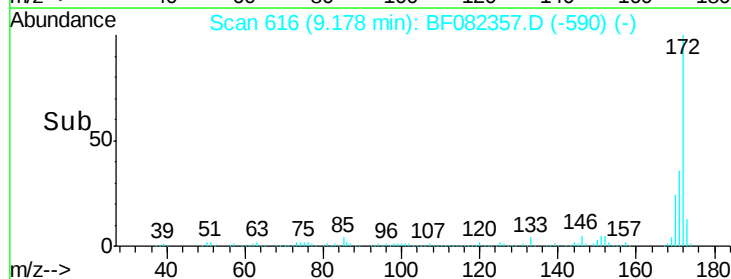
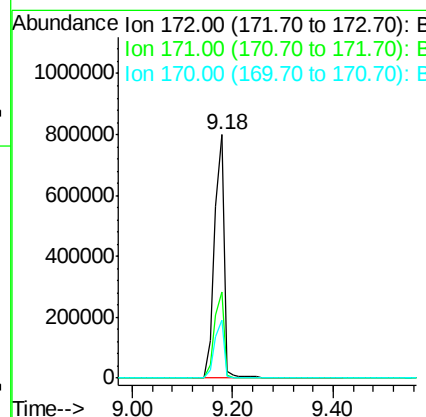
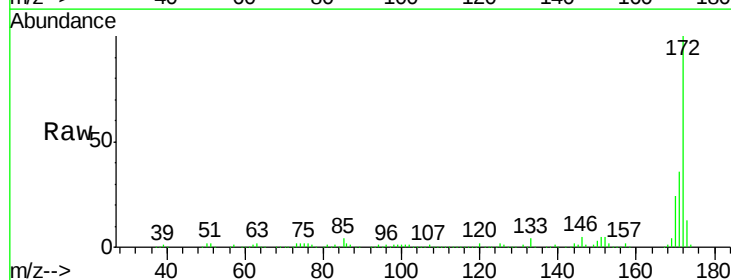
Instrument :
 BNA_F
 ClientSampleId :
 PB86144BL

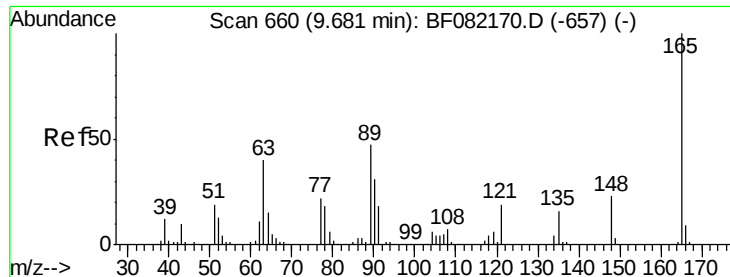
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.1	115.7
141	44.4	29.8	44.8



#44
 2-Fluorobiphenyl
 Concen: 85.05 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082357.D
 Acq: 19 Oct 2015 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	24.0	19.7	29.5

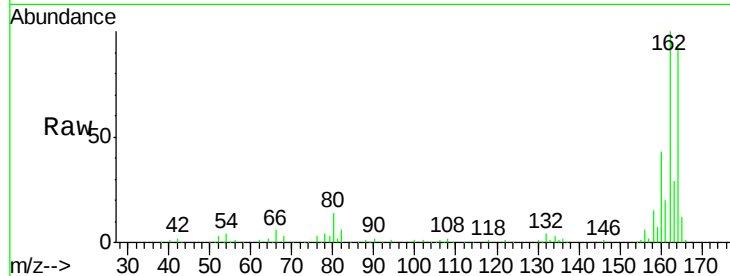




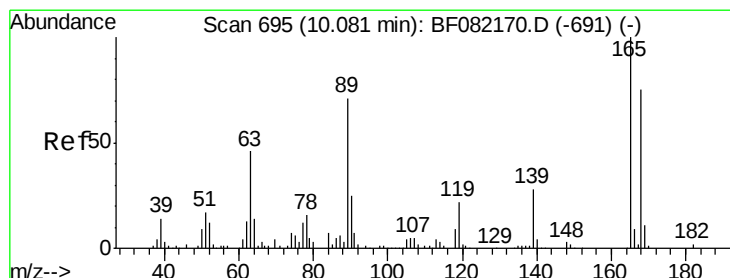
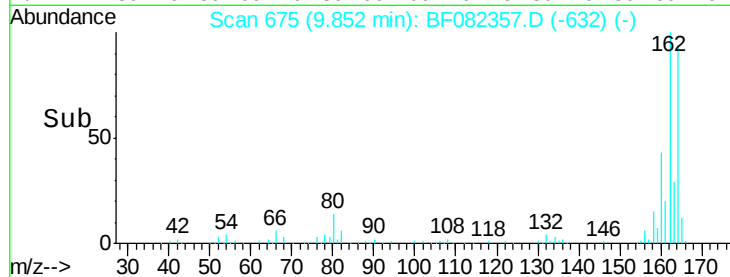
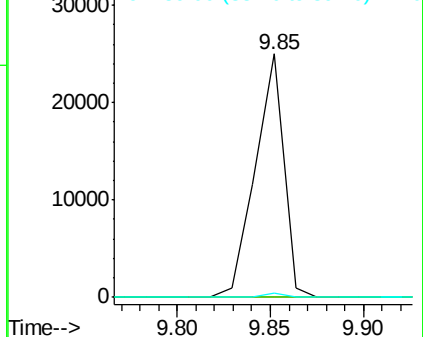
#50
 2,6-Dinitrotoluene
 Concen: 8.48 ng
 RT: 9.85 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF082357.D
 Acq: 19 Oct 2015 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86144BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	1.5	37.8	56.6#

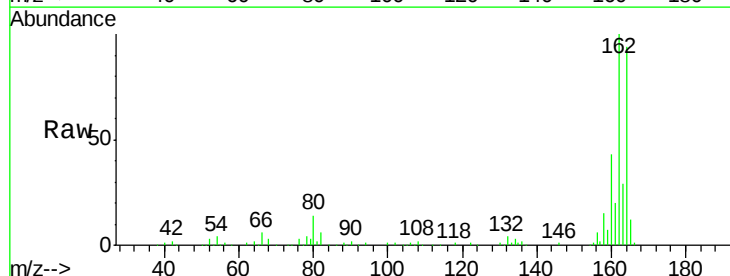


Abundance Ion 165.00 (164.70 to 165.70): E

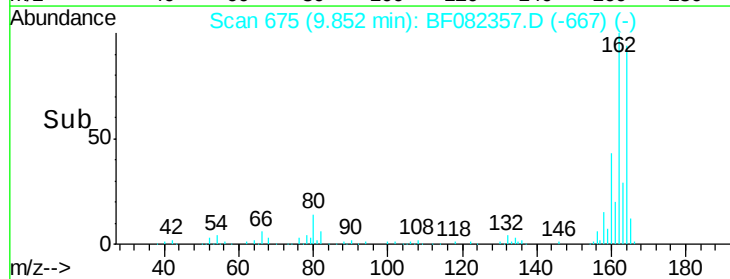
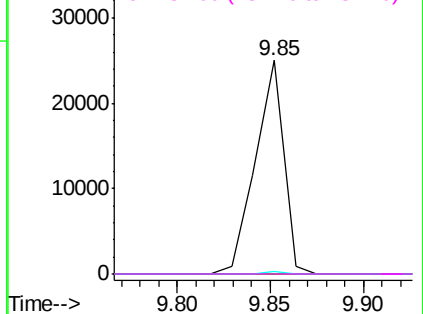


#56
 2,4-Dinitrotoluene
 Concen: 6.79 ng
 RT: 9.85 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF082357.D
 Acq: 19 Oct 2015 15:59

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



Abundance Ion 165.00 (164.70 to 165.70): E

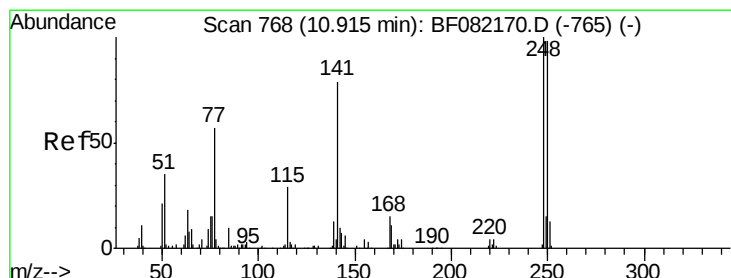
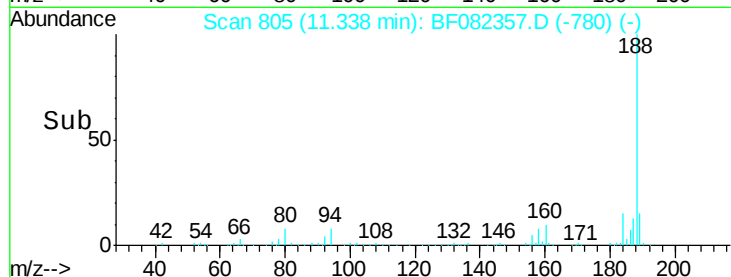
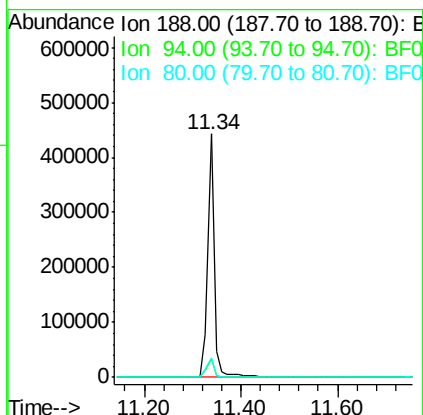
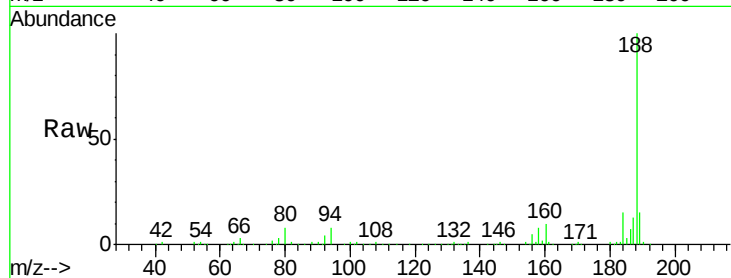




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF082357.D
Acq: 19 Oct 2015 15:59

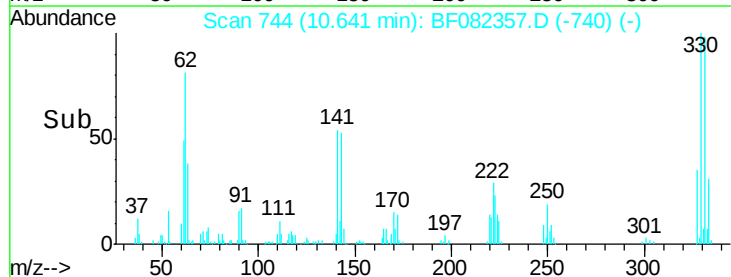
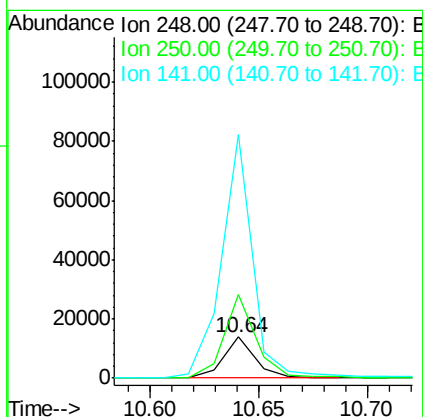
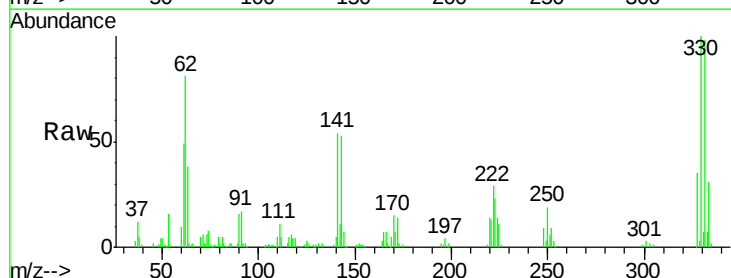
Instrument :
BNA_F
ClientSampleId :
PB86144BL

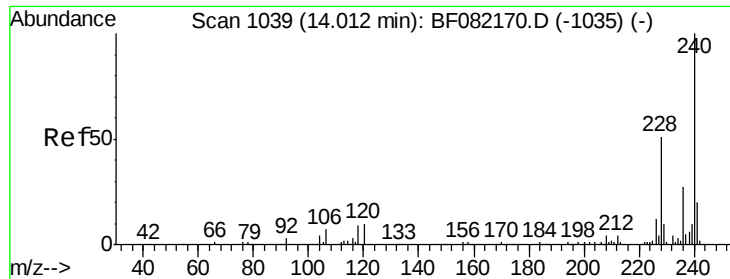
Tot Ion:188 Resp: 424603
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 7.8 6.4 9.6



#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF082357.D
Acq: 19 Oct 2015 15:59

Tgt Ion:248 Resp: 13907
Ion Ratio Lower Upper
248 100
250 204.1 78.6 117.8#
141 592.6 63.3 94.9#

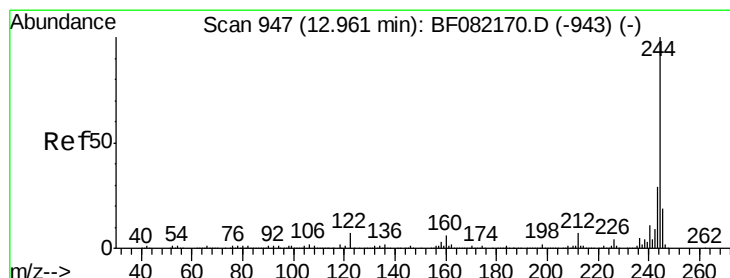
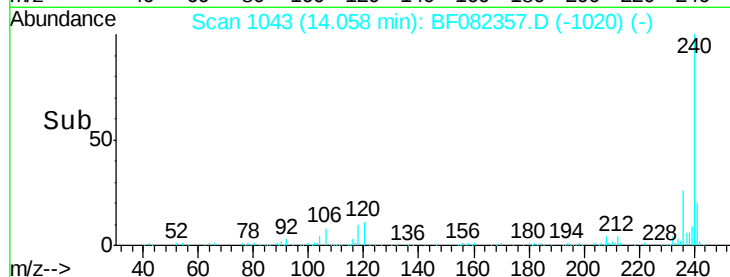
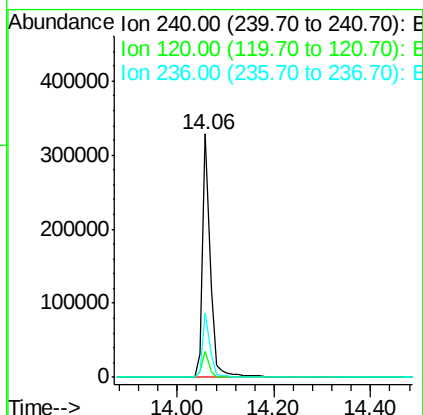
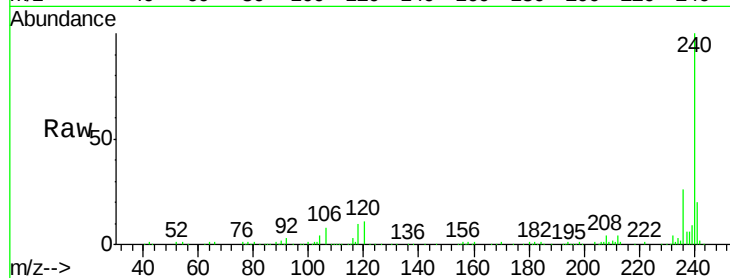




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF082357.D
 Acq: 19 Oct 2015 15:59

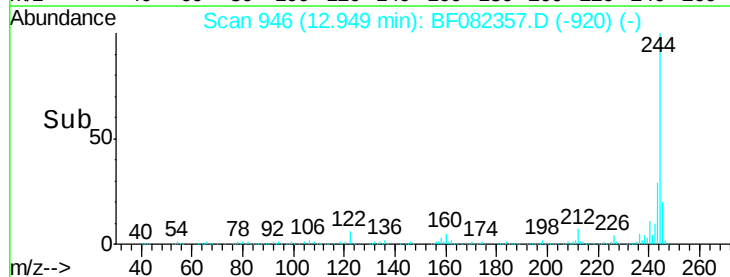
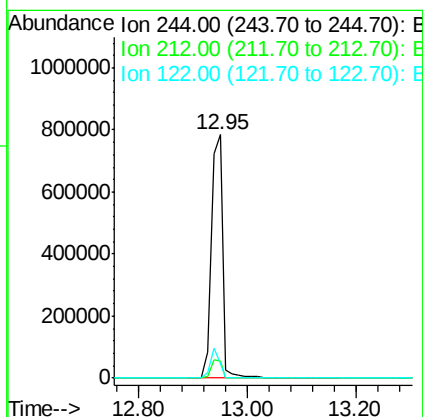
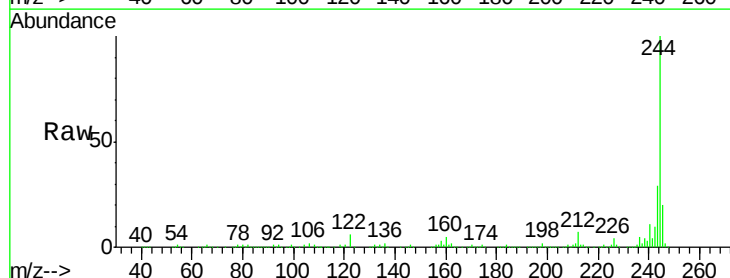
Instrument :
 BNA_F
 ClientSampleId :
 PB86144BL

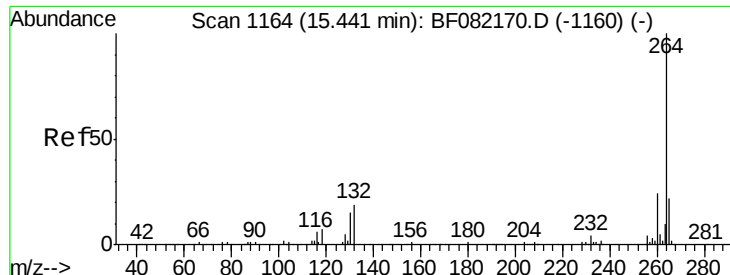
Tot Ion:240 Resp: 365882
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 26.2 21.3 31.9



#78
 Terphenyl-d14
 Concen: 83.19 ng
 RT: 12.95 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF082357.D
 Acq: 19 Oct 2015 15:59

Tgt Ion:244 Resp: 1148683
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 6.1 5.9 8.9

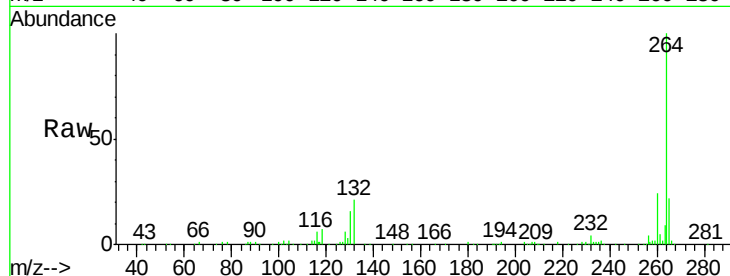




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1180
 Delta R.T. -0.05 min
 Lab File: BF082357.D
 Acq: 19 Oct 2015 15:59

Instrument :
 BNA_F
 ClientSampleId :
 PB86144BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

