

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082255.D
 Acq On : 13 Oct 2015 15:42
 Operator : UM/IZ
 Sample : PB86052BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86052BL

Quant Time: Oct 14 01:17:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

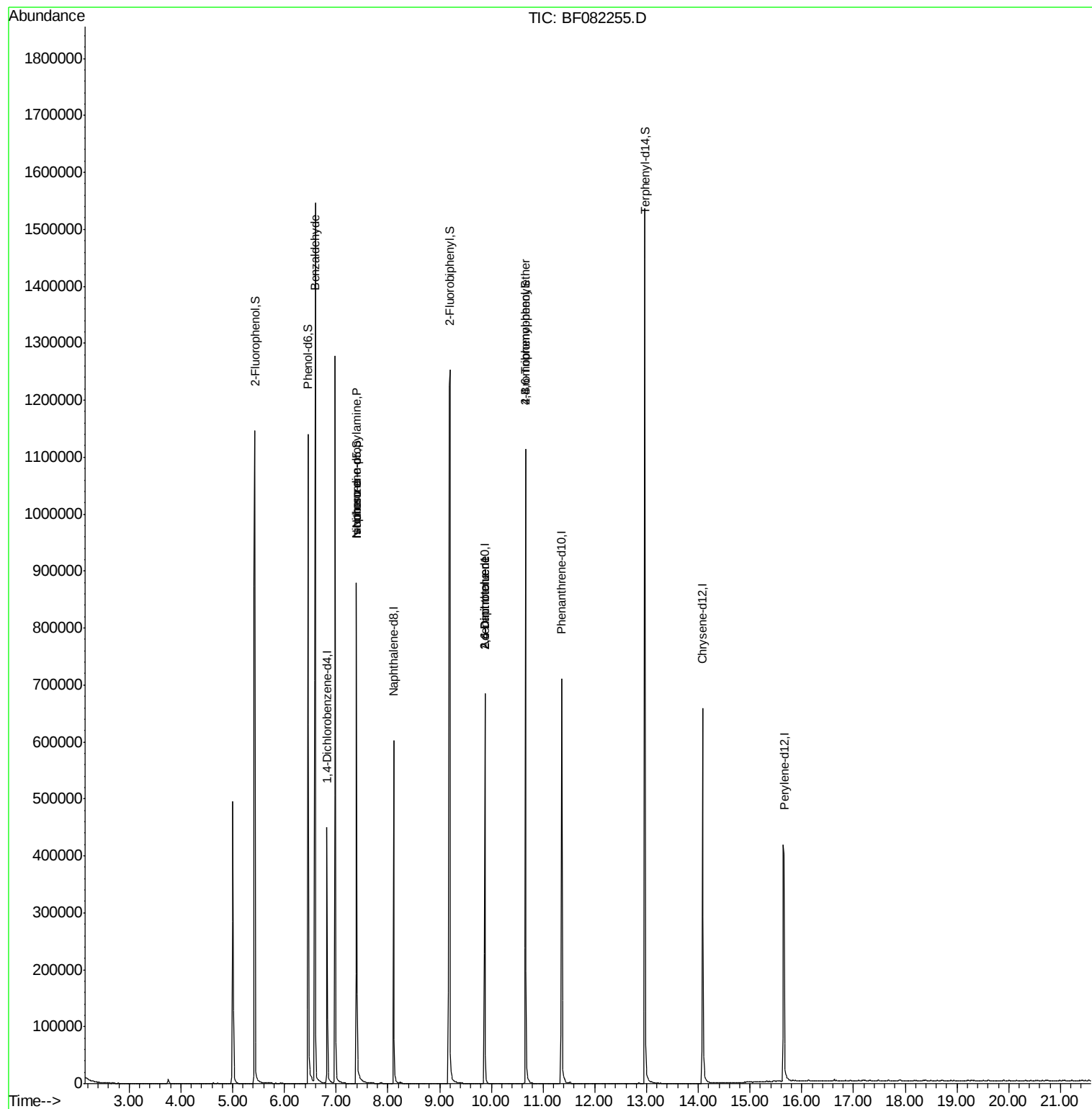
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	77729	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	304830	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	153749	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	301966	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	310312	20.00	ng	-0.06
86) Perylene-d12	15.66	264	276995	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	442933	115.01	ng	0.01
7) Phenol-d6	6.46	99	535942	106.93	ng	-0.01
23) Nitrobenzene-d5	7.39	82	334228	73.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	140395	97.37	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	701233	75.64	ng	0.00
78) Terphenyl-d14	12.97	244	813725	69.49	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	10378	4.05	ng	82
19) n-Nitroso-di-n-propylamine	7.39	70	42576	12.10	ng	# 80
25) Isophorone	7.39	82	283890	30.99	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	19030	8.33	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	19030	6.66	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	9705	3.21	ng	# 1

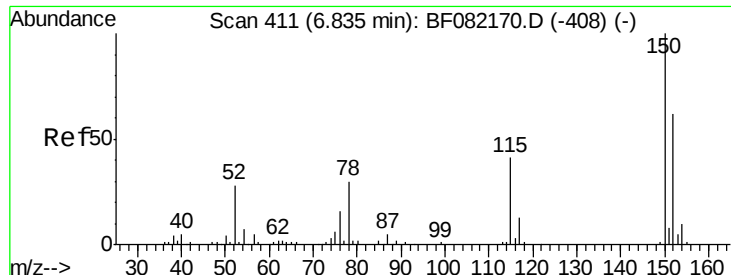
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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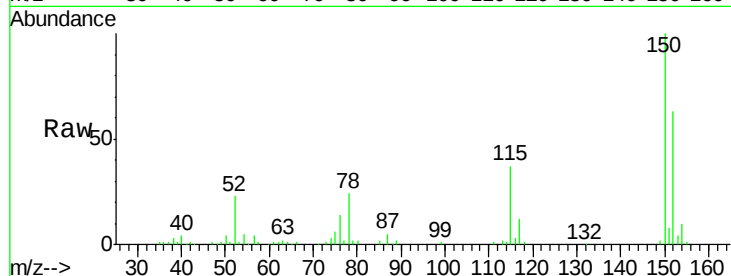


#1

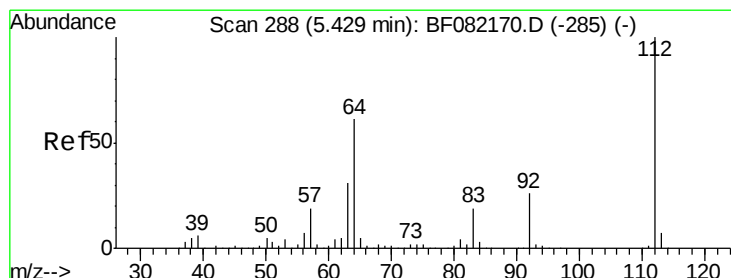
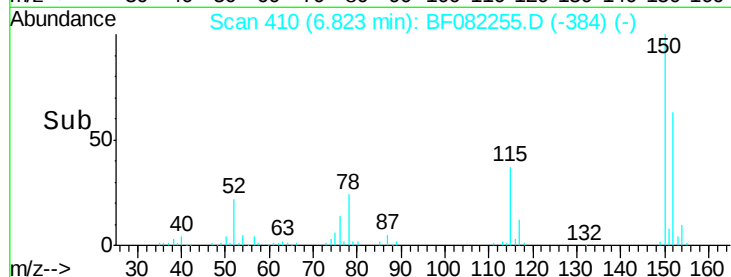
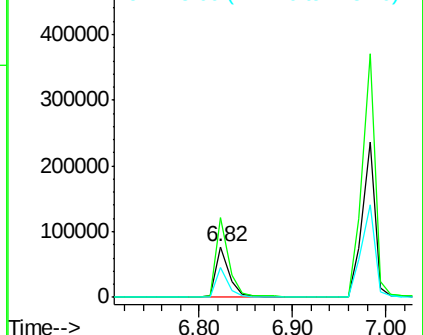
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082255.D
Acq: 13 Oct 2015 15:42

Instrument :
BNA_F
ClientSampleId :
PB86052BL

Tot Ion:152 Resp: 77729
Ion Ratio Lower Upper
152 100
150 159.4 129.0 193.4
115 59.0 52.1 78.1



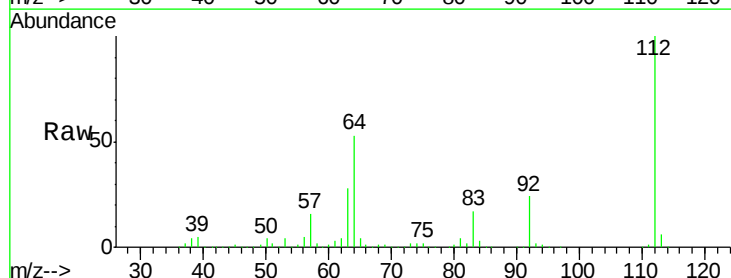
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



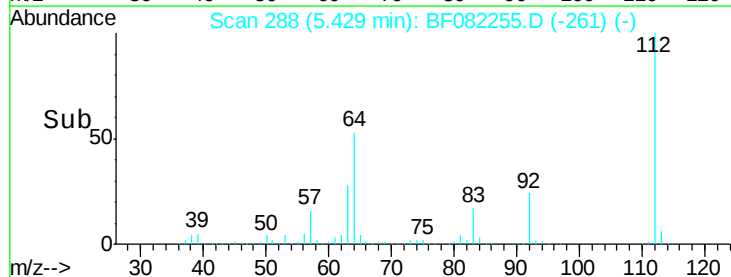
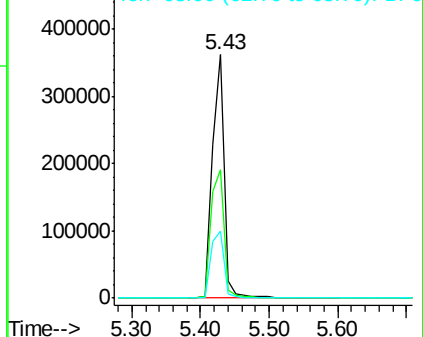
#5

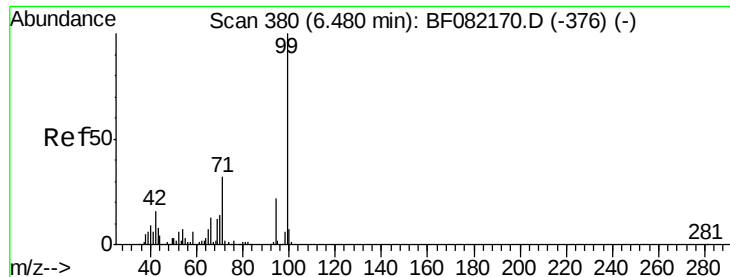
2-Fluorophenol
Concen: 115.01 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF082255.D
Acq: 13 Oct 2015 15:42

Tgt Ion:112 Resp: 442933
Ion Ratio Lower Upper
112 100
64 52.6 48.6 73.0
63 27.6 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: 106.93 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082255.D

Acq: 13 Oct 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB86052BL

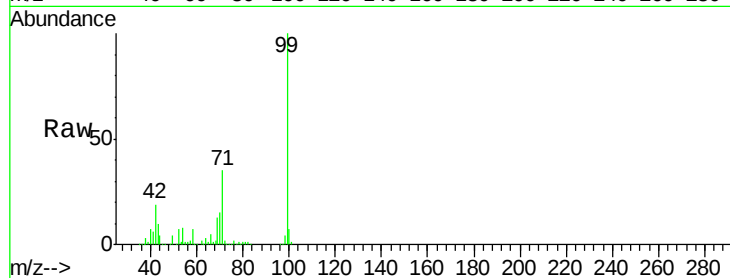
Tot Ion: 99 Resp: 535942

Ion Ratio Lower Upper

99 100

42 19.1 13.2 19.8

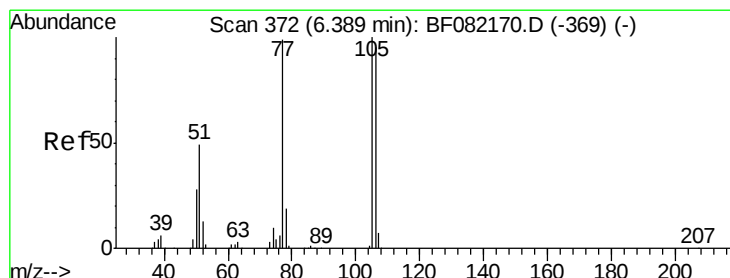
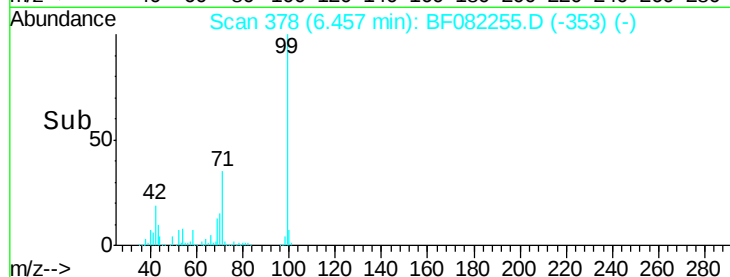
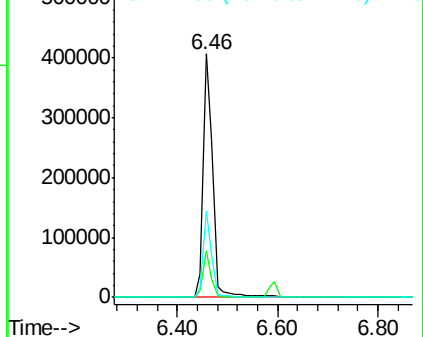
71 35.1 25.6 38.4



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



#9

Benzaldehyde

Concen: 4.05 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF082255.D

Acq: 13 Oct 2015 15:42

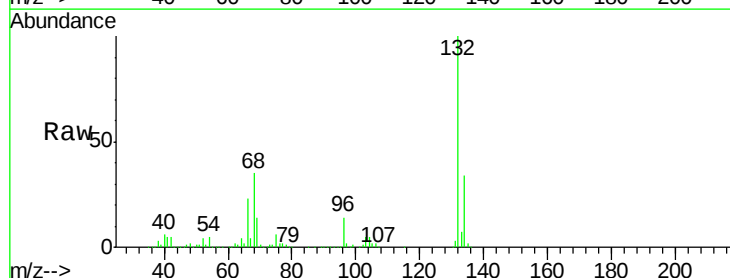
Tgt Ion: 77 Resp: 10378

Ion Ratio Lower Upper

77 100

105 83.9 80.6 120.6

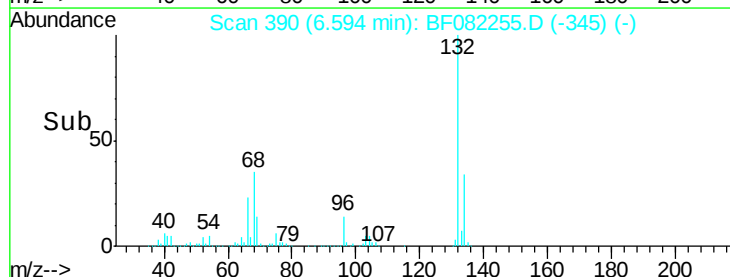
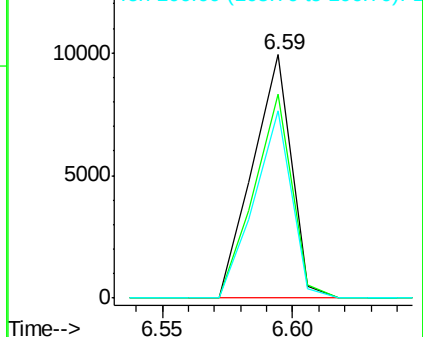
106 76.8 75.5 115.5

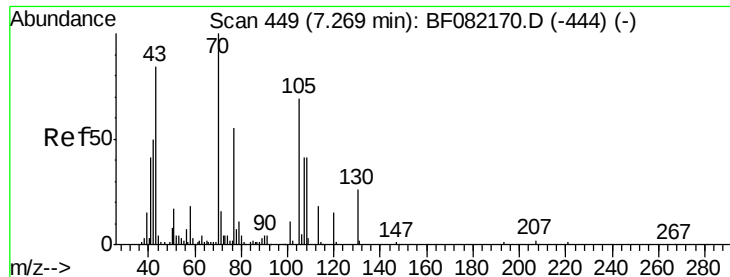


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

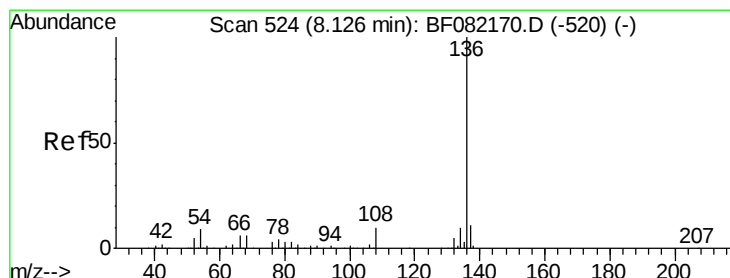
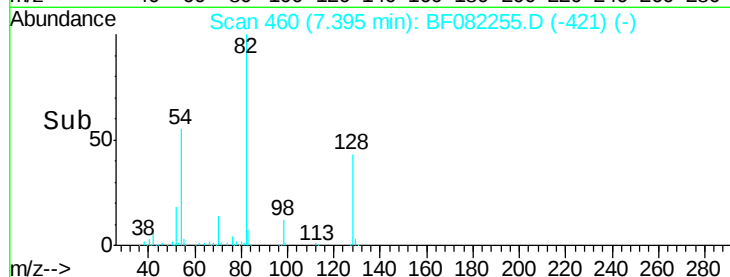
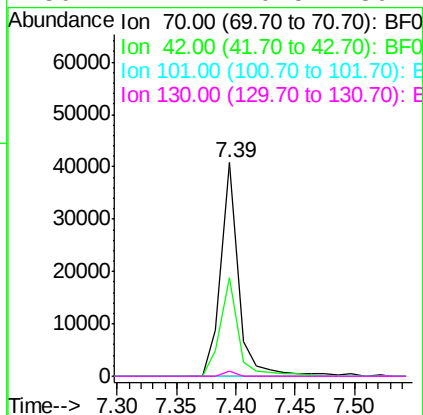
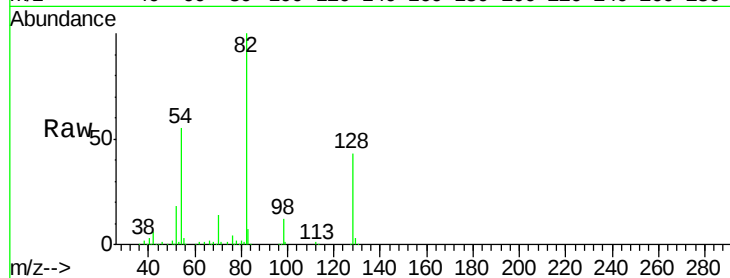




#19
n-Nitroso-di-n-propylamine
Concen: 12.10 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF082255.D
Acq: 13 Oct 2015 15:42

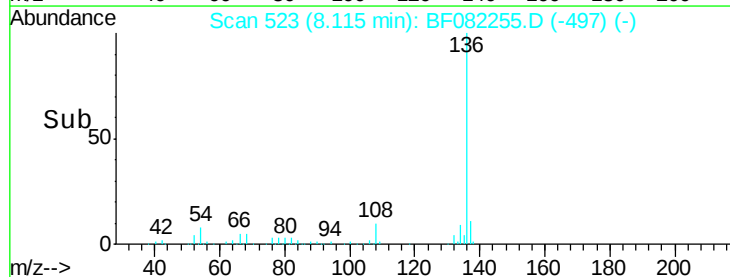
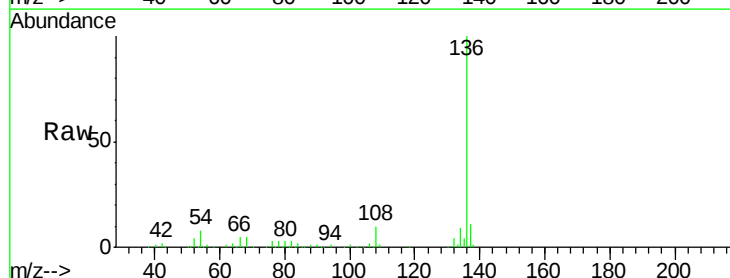
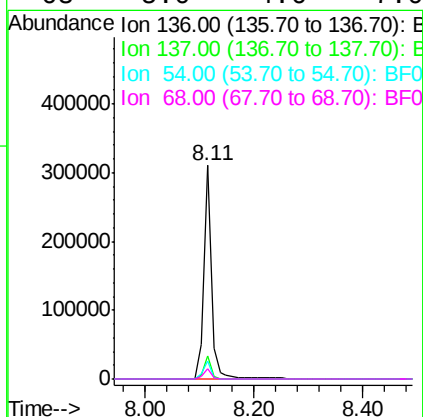
Instrument :
BNA_F
ClientSampleId :
PB86052BL

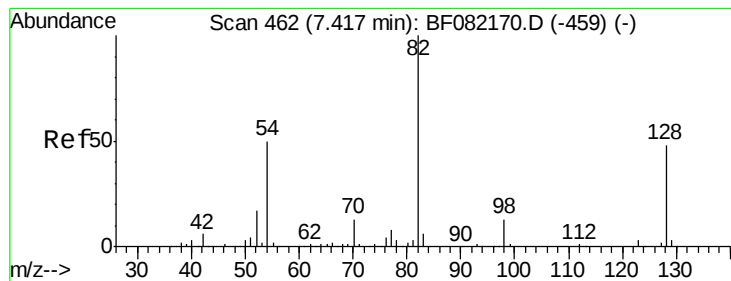
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.1	39.8	59.8
101	0.0	8.6	13.0#
130	2.2	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082255.D
Acq: 13 Oct 2015 15:42

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.2	7.5	11.3
68	5.0	4.6	7.0





#23

Nitrobenzene-d5

Concen: 73.63 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082255.D

Acq: 13 Oct 2015 15:42

Instrument :

BNA_F

ClientSampleId :

PB86052BL

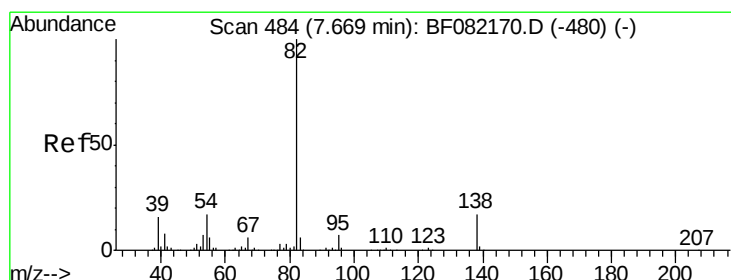
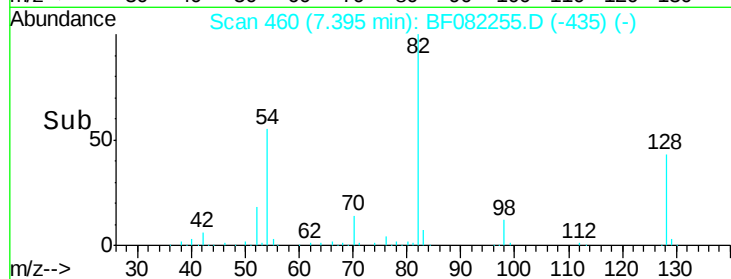
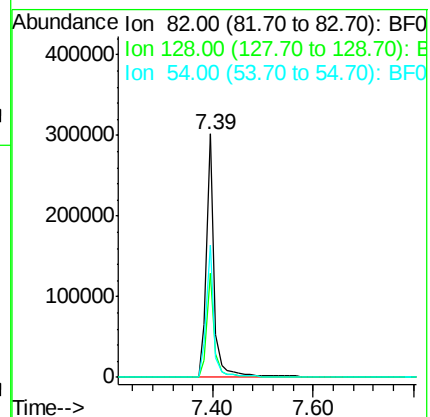
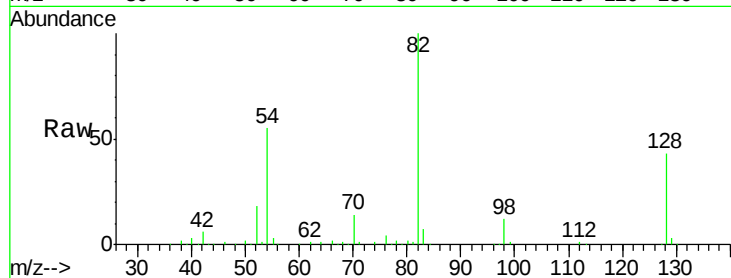
Tot Ion: 82 Resp: 334228

Ion Ratio Lower Upper

82 100

128 42.6 38.7 58.1

54 54.5 40.1 60.1



#25

Isophorone

Concen: 30.99 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082255.D

Acq: 13 Oct 2015 15:42

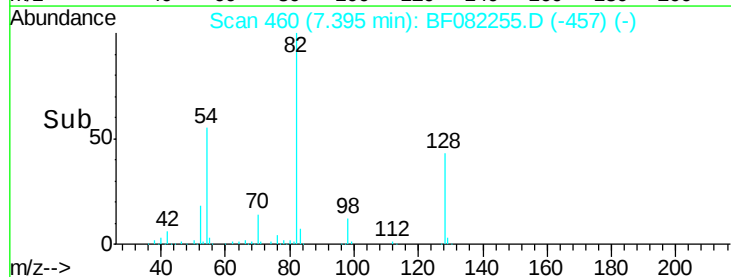
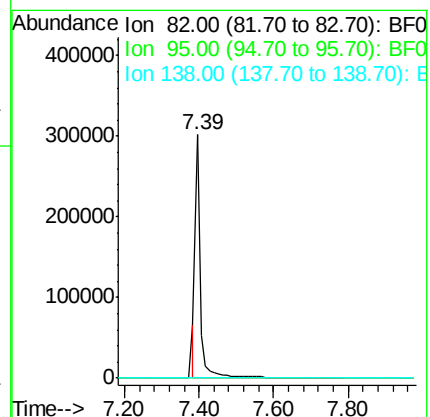
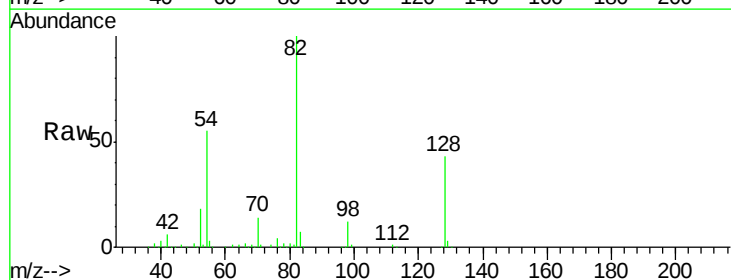
Tgt Ion: 82 Resp: 283890

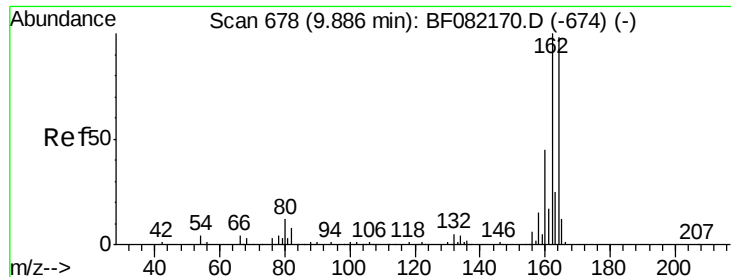
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#

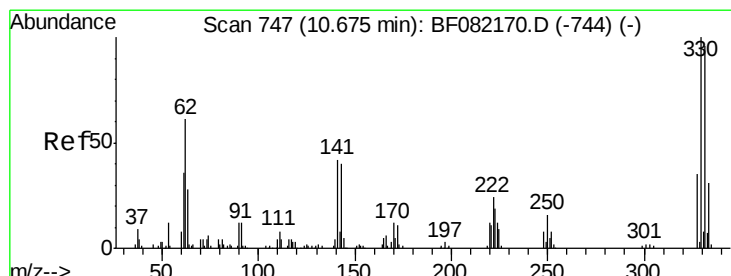
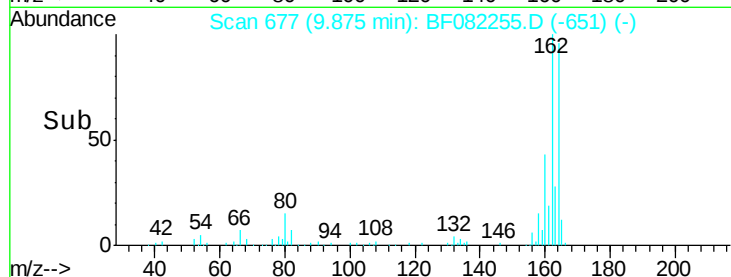
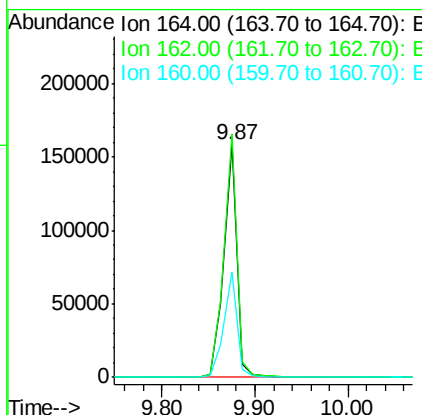
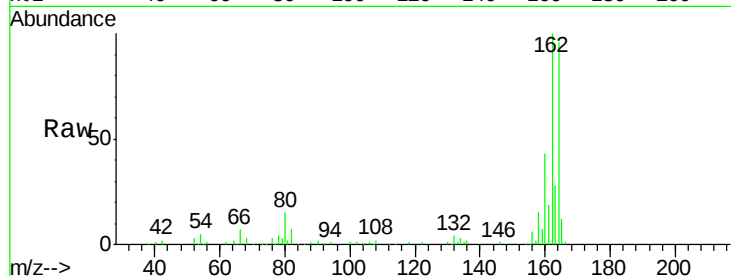




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF082255.D
 Acq: 13 Oct 2015 15:42

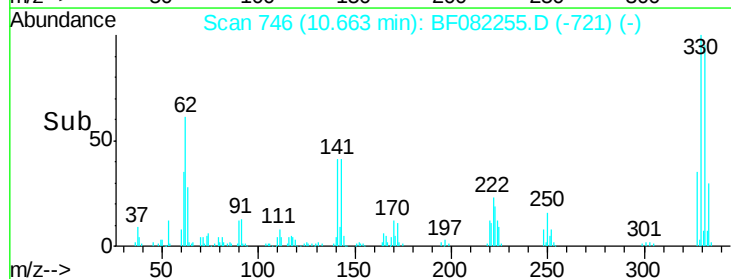
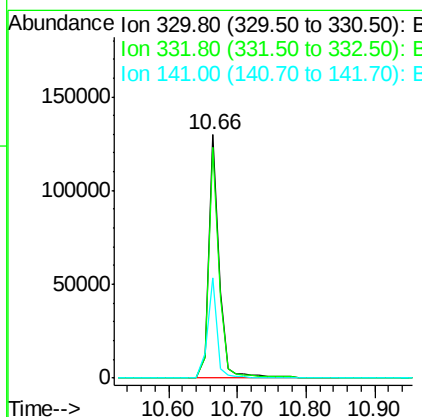
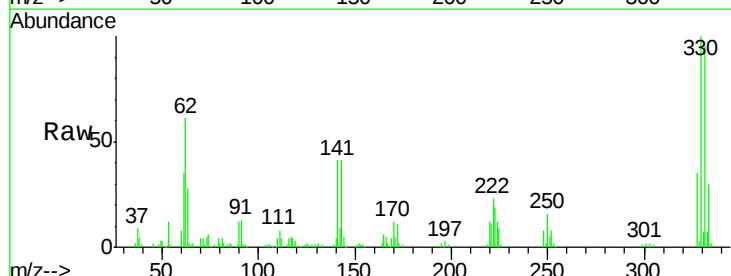
Instrument :
 BNA_F
 ClientSampleId :
 PB86052BL

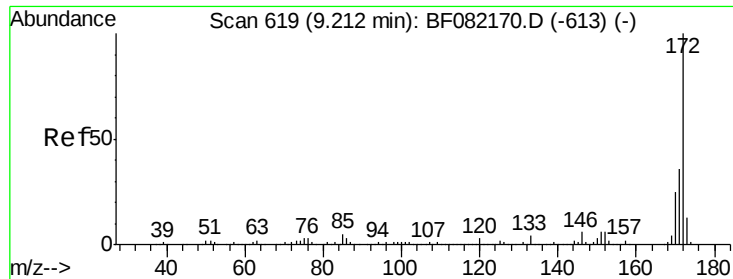
Tot Ion:164 Resp: 153749
 Ion Ratio Lower Upper
 164 100
 162 104.5 81.6 122.4
 160 45.2 36.4 54.6



#41
 2,4,6-Tribromophenol
 Concen: 97.37 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082255.D
 Acq: 13 Oct 2015 15:42

Tgt Ion:330 Resp: 140395
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 36.8 29.8 44.8

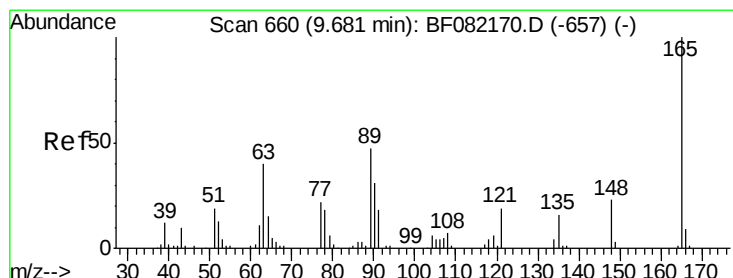
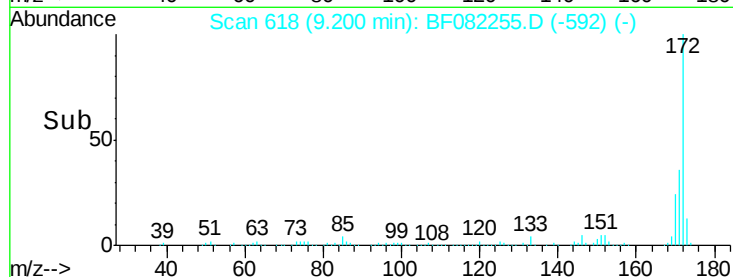
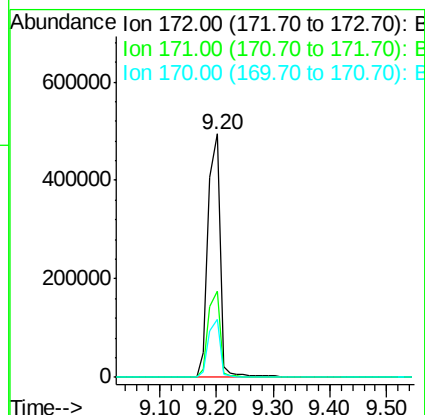
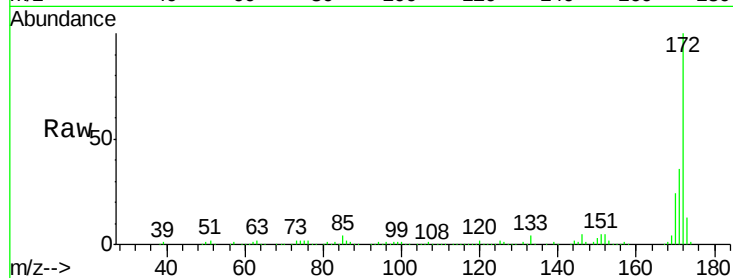




#44
 2-Fluorobiphenyl
 Concen: 75.64 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082255.D
 Acq: 13 Oct 2015 15:42

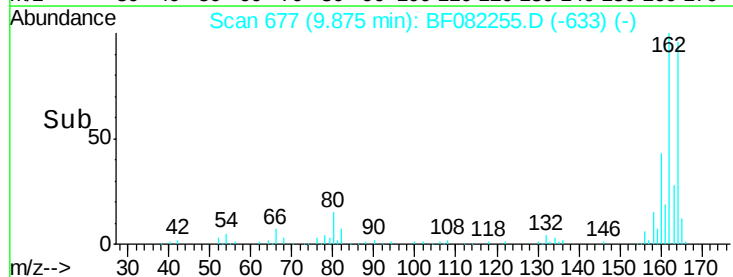
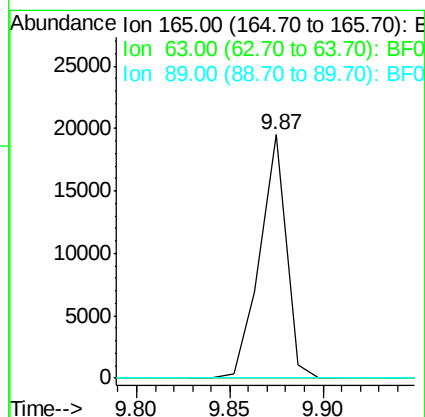
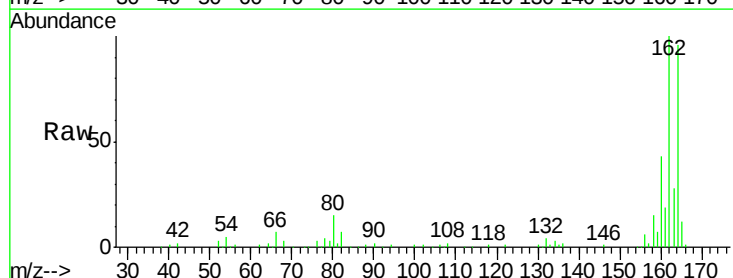
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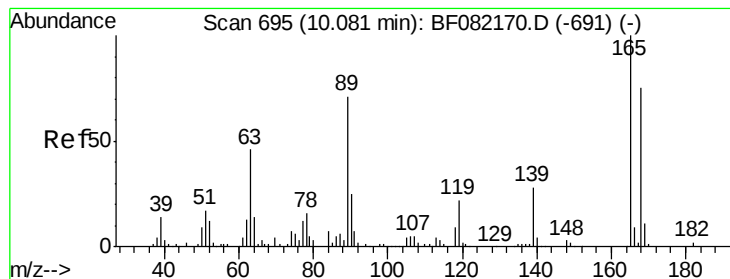
Tot Ion:172 Resp: 701233
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 24.0 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 8.33 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF082255.D
 Acq: 13 Oct 2015 15:42

Tgt Ion:165 Resp: 19030
 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: 6.66 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.21 min

Lab File: BF082255.D

Acq: 13 Oct 2015 15:42

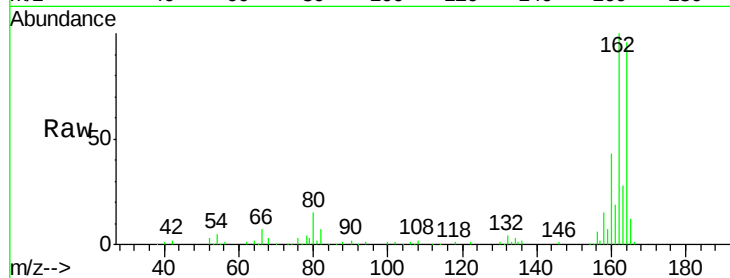
Instrument :

BNA_F

ClientSampleId :

PB86052BL

Tot Ion:165	Resp:	19030
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#

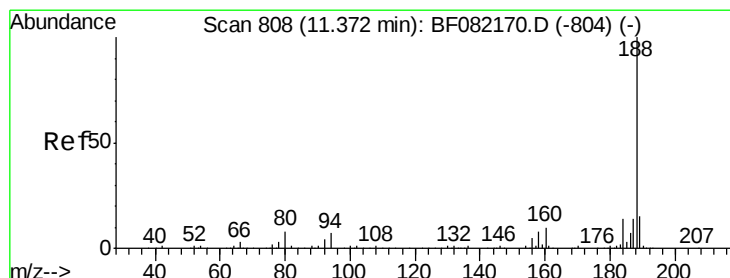
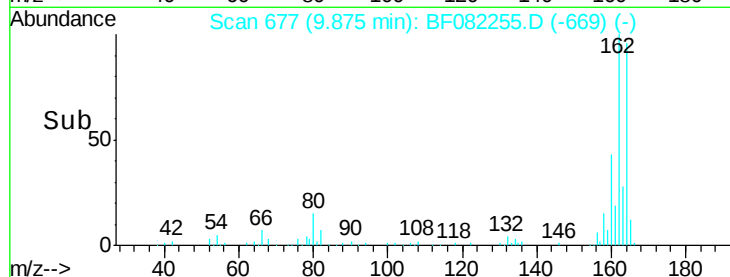
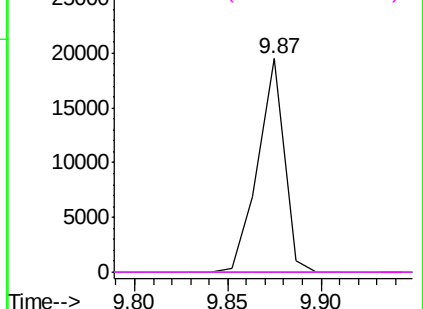


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

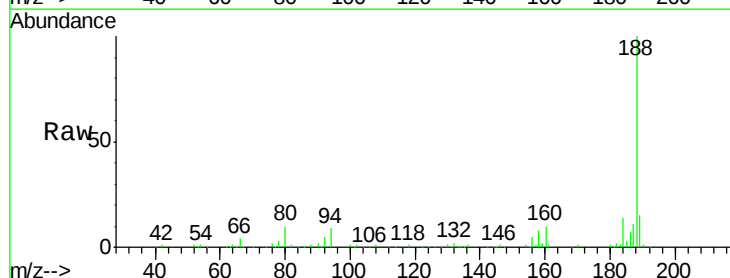
RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082255.D

Acq: 13 Oct 2015 15:42

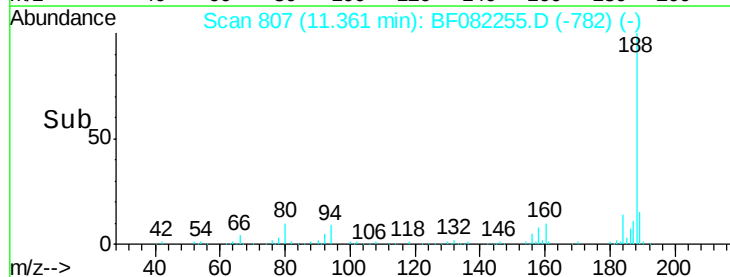
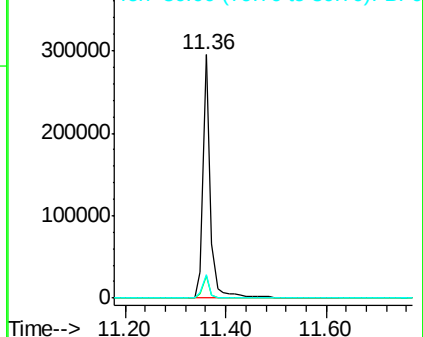
Tgt Ion:188	Resp:	301966
Ion Ratio	Lower	Upper
188	100	
94	8.9	5.8 8.6#
80	9.7	6.4 9.6#

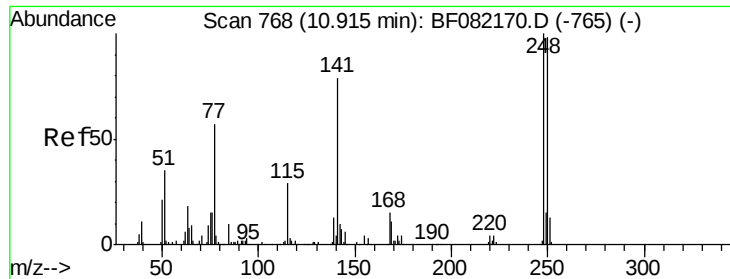


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

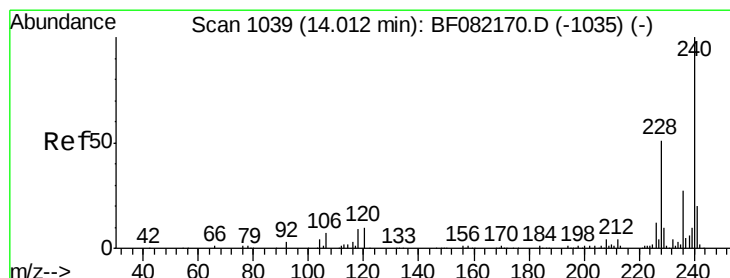
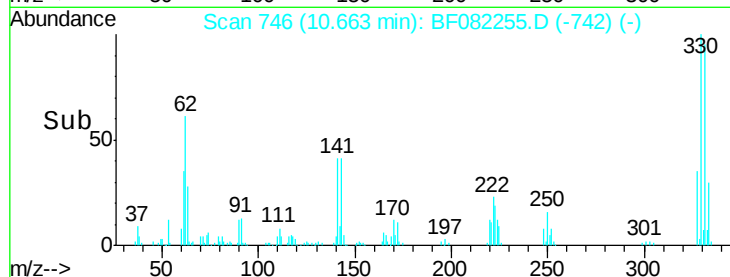
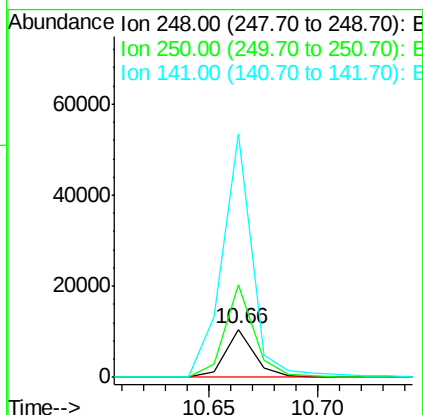
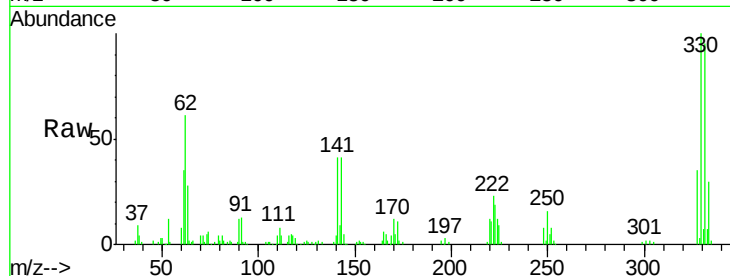




#66
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF082255.D
Acq: 13 Oct 2015 15:42

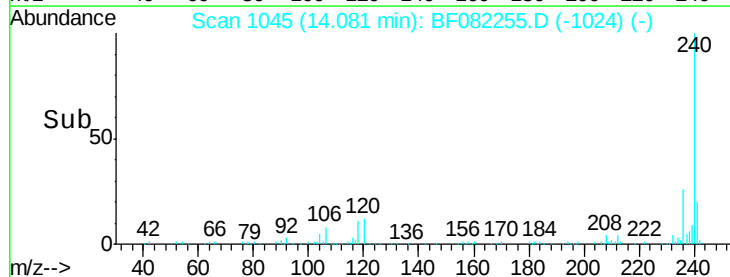
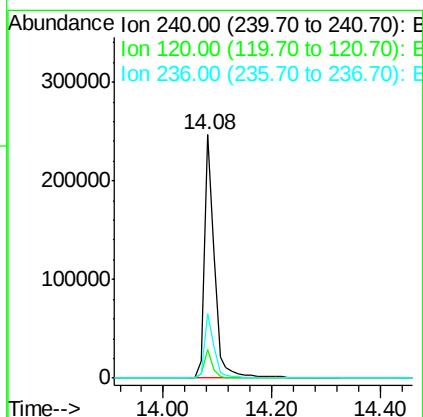
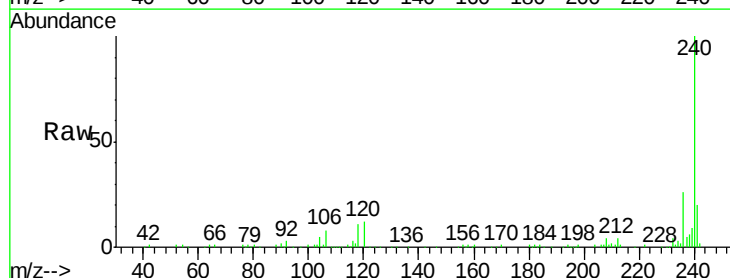
Instrument :
BNA_F
ClientSampleId :
PB86052BL

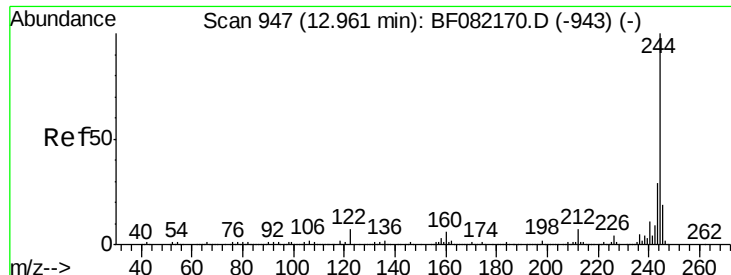
Tot Ion:248 Resp: 9705
Ion Ratio Lower Upper
248 100
250 192.0 78.6 117.8#
141 507.6 63.3 94.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.06 min
Lab File: BF082255.D
Acq: 13 Oct 2015 15:42

Tgt Ion:240 Resp: 310312
Ion Ratio Lower Upper
240 100
120 11.8 8.1 12.1
236 26.4 21.3 31.9

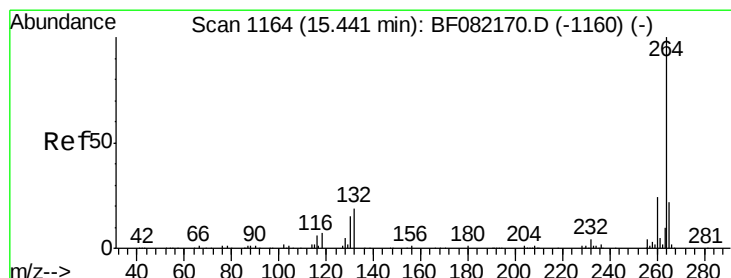
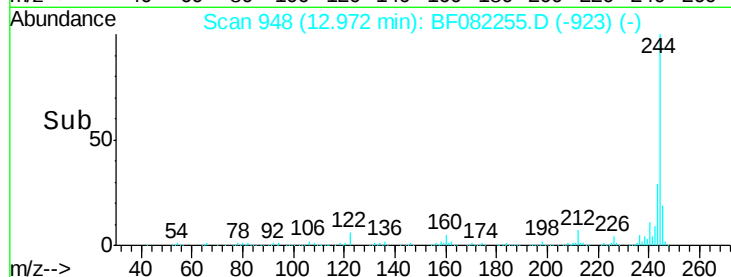
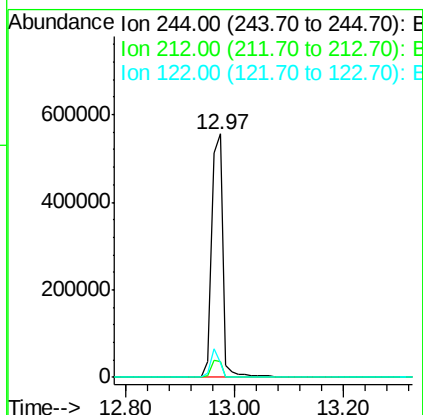
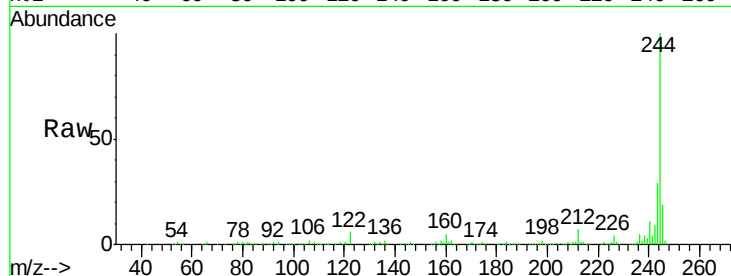




#78
 Terphenyl-d14
 Concen: 69.49 ng
 RT: 12.97 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF082255.D
 Acq: 13 Oct 2015 15:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86052BL

Tot Ion:244 Resp: 813725
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 5.7 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.66 min Scan# 1183
 Delta R.T. -0.11 min
 Lab File: BF082255.D
 Acq: 13 Oct 2015 15:42

Tgt Ion:264 Resp: 276995
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.9 17.3 25.9

