

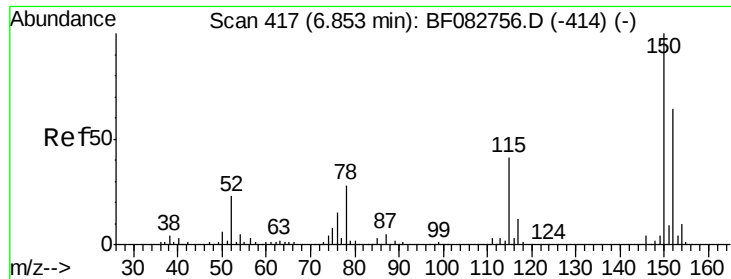
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082800.D
 Acq On : 7 Nov 2015 10:07
 Operator : UM/IZ
 Sample : G4246-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-12L

Quant Time: Nov 08 23:58:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	274664	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1092891	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	545631	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	1015607	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	899049	20.00	ng	-0.01
86) Perylene-d12	15.43	264	700250	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1819573	103.08	ng	0.01
7) Phenol-d6	6.49	99	2518058	107.30	ng	0.01
23) Nitrobenzene-d5	7.41	82	1554277	61.88	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	540029	86.32	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2022194	53.12	ng	-0.01
78) Terphenyl-d14	12.96	244	1650796	43.55	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.61	77	41311	3.19	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.41	70	204000	11.83	ng	# 64
25) Isophorone	7.41	82	1439931	30.98	ng	# 69
49) Dimethylphthalate	9.61	163	863624	19.32	ng	99
56) 2,4-Dinitrotoluene	9.88	165	69649	5.38	ng	# 15
66) 4-Bromophenyl-phenylether	10.67	248	33464	2.74	ng	# 1

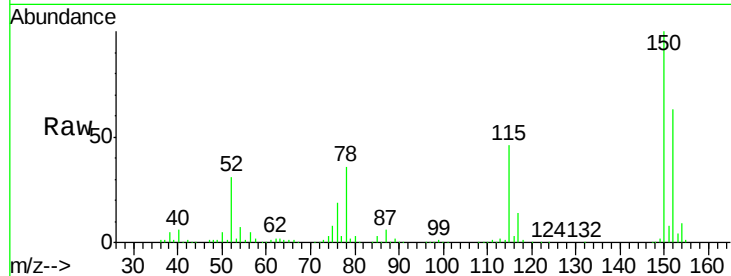
(#) = qualifier out of range (m) = manual integration (+) = signals summed



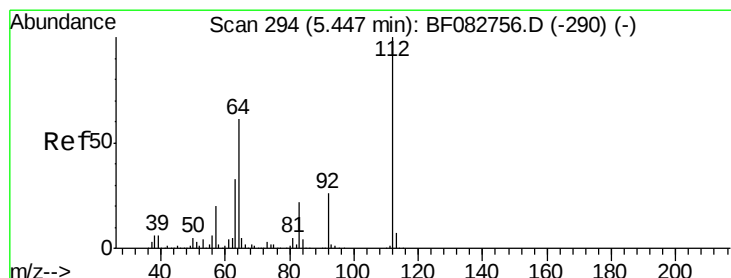
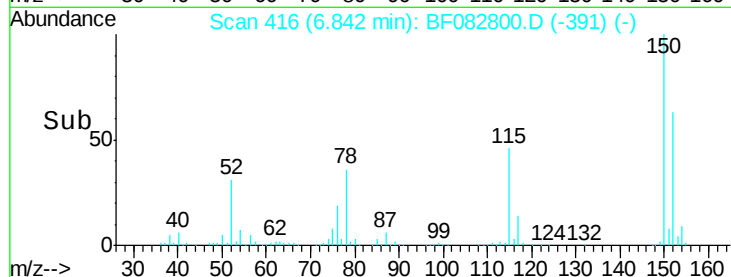
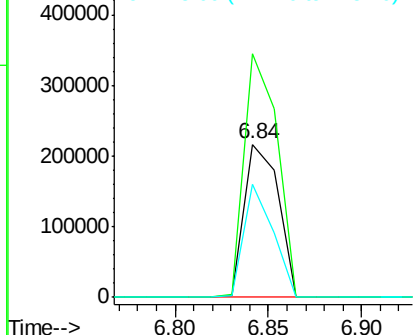
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 T-12L

Tgt Ion:152 Resp: 274664
 Ion Ratio Lower Upper
 152 100
 150 158.8 127.0 190.4
 115 73.8 47.0 70.6#

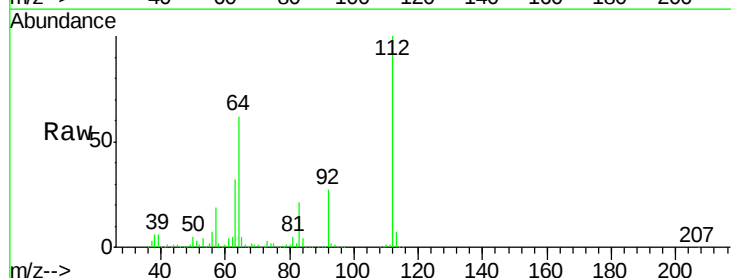


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

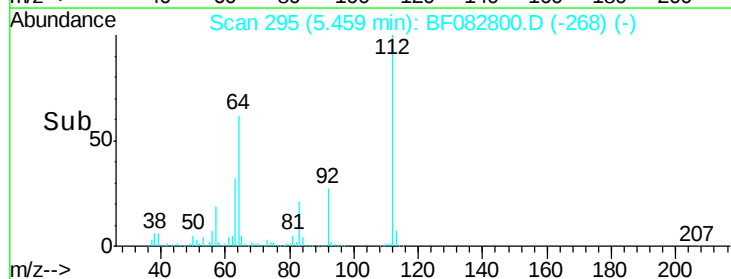
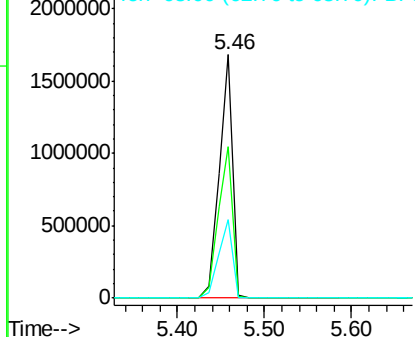


#5
 2-Fluorophenol
 Concen: 103.08 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

Tgt Ion:112 Resp: 1819573
 Ion Ratio Lower Upper
 112 100
 64 62.2 48.9 73.3
 63 32.2 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: 107.30 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

Instrument :

BNA_F

ClientSampleId :

T-12L

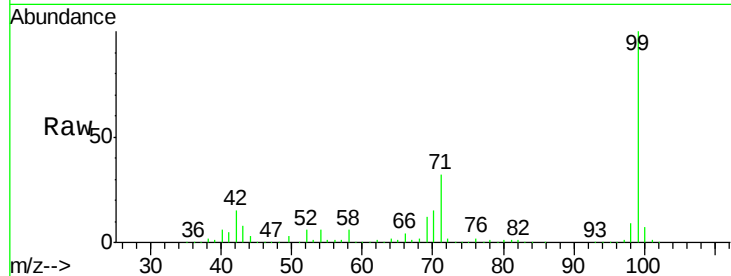
Tgt Ion: 99 Resp: 2518058

Ion Ratio Lower Upper

99 100

42 14.7 19.2 28.8#

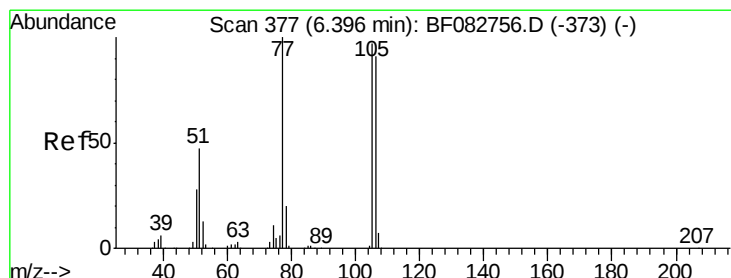
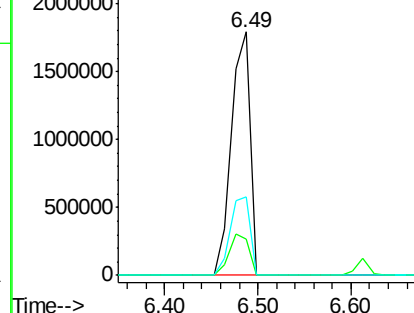
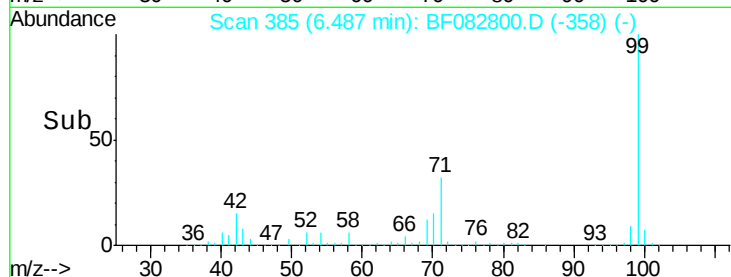
71 32.3 35.0 52.4#



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: 3.19 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.22 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

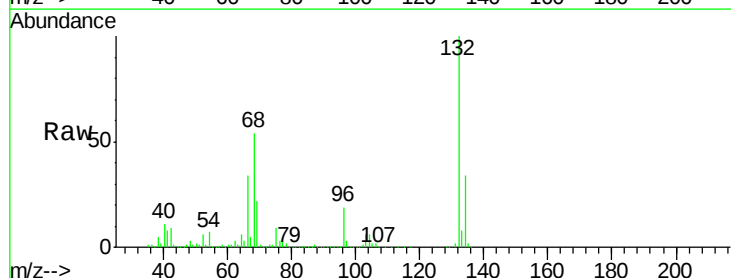
Tgt Ion: 77 Resp: 41311

Ion Ratio Lower Upper

77 100

105 69.5 63.5 103.5

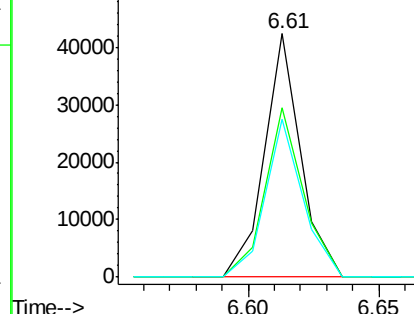
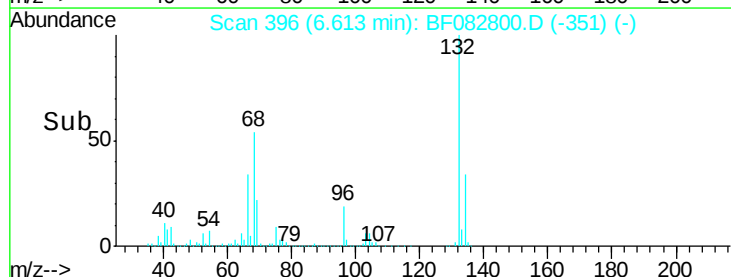
106 64.8 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

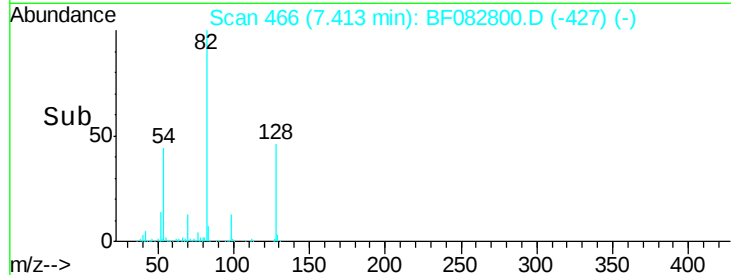
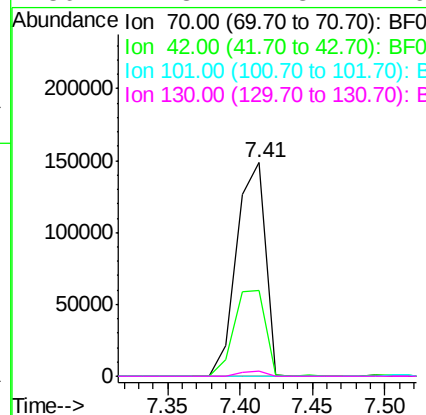
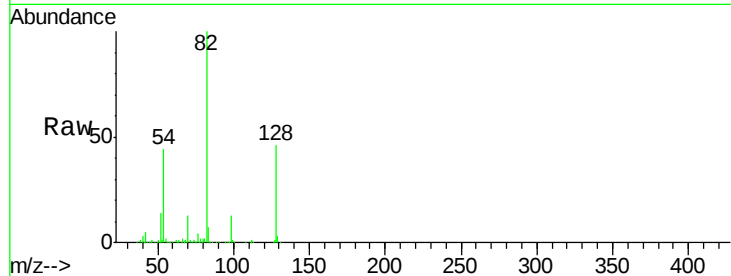




#19
 n-Nitroso-di-n-propylamine
 Concen: 11.83 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.15 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

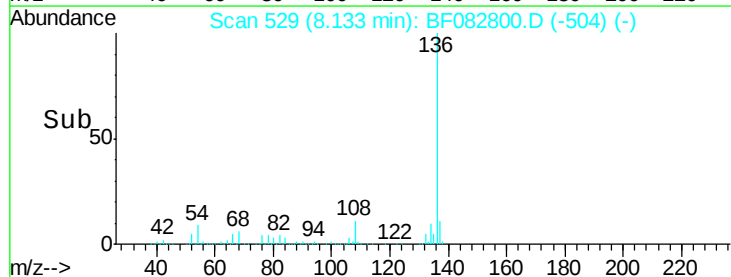
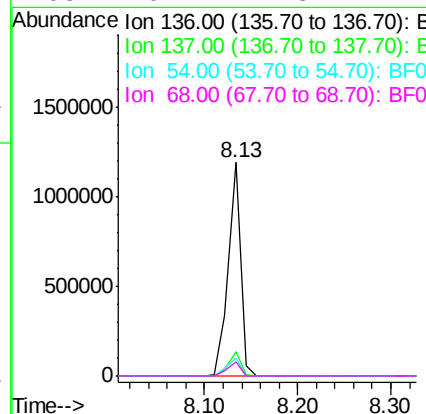
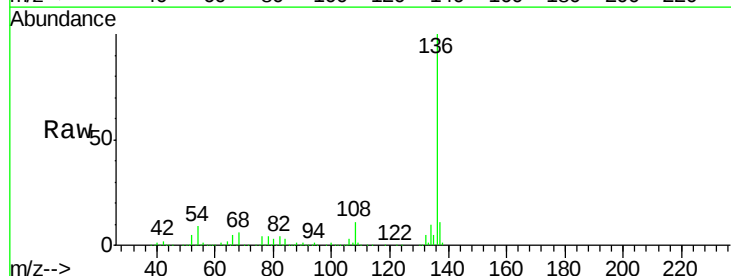
Instrument :
 BNA_F
 ClientSampled :
 T-12L

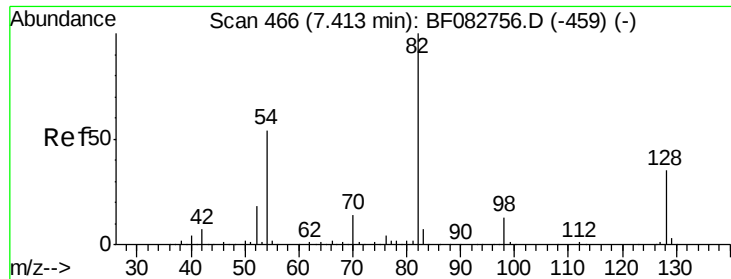
Tgt Ion:	70	Resp:	204000
Ion	Ratio	Lower	Upper
70	100		
42	40.0	57.7	86.5#
101	0.0	7.0	10.6#
130	2.3	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

Tgt Ion:	136	Resp:	1092891
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.6	9.1	13.7#
68	6.4	4.8	7.2

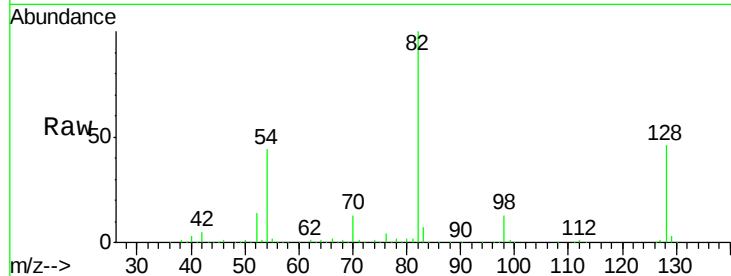




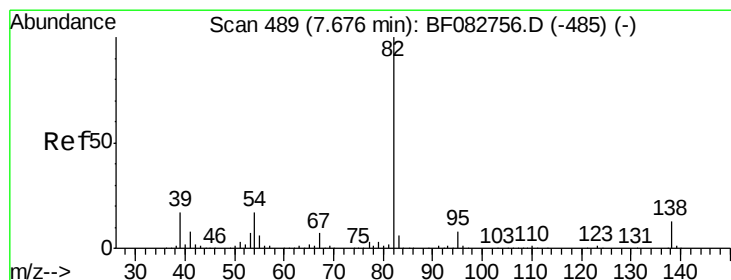
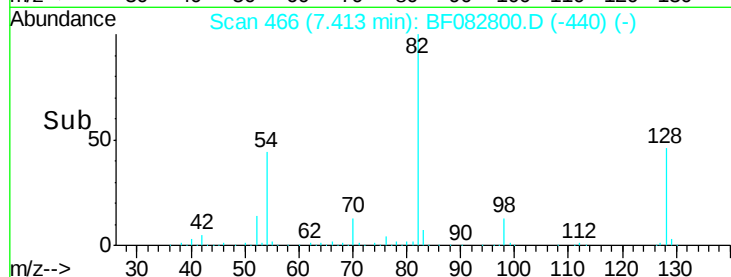
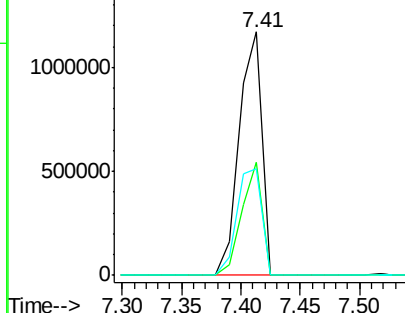
#23
 Nitrobenzene-d5
 Concen: 61.88 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 T-12L

Tgt Ion: 82 Resp: 1554277
 Ion Ratio Lower Upper
 82 100
 128 46.2 26.8 40.2#
 54 44.0 45.7 68.5#

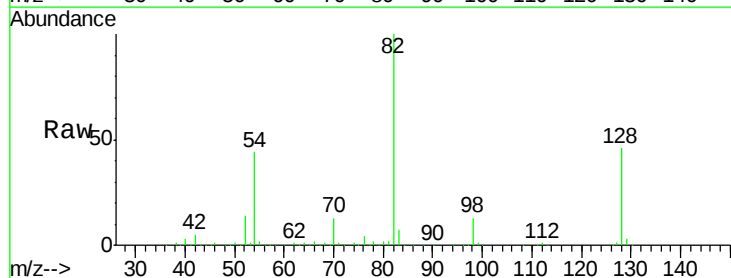


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

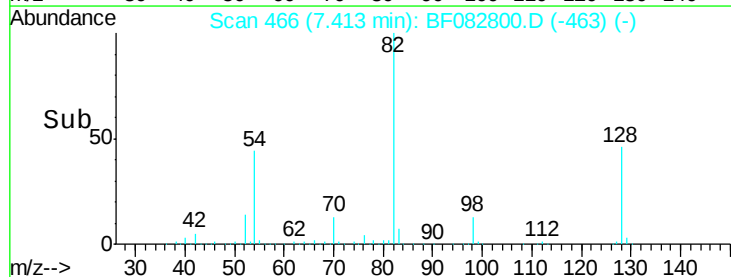
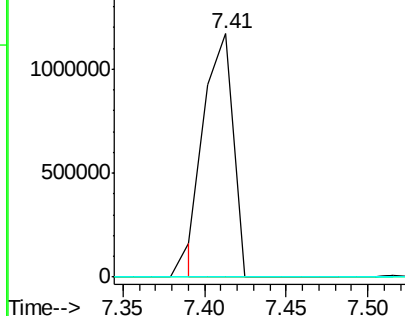


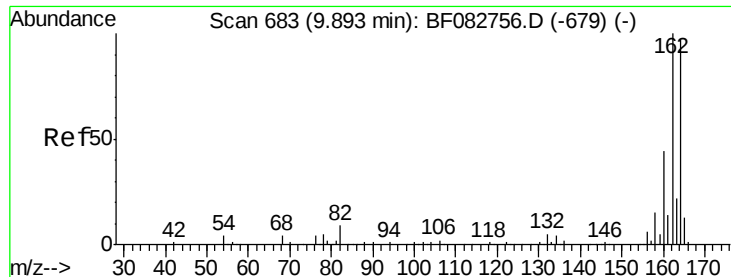
#25
 Isophorone
 Concen: 30.98 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

Tgt Ion: 82 Resp: 1439931
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#



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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

Instrument :

BNA_F

ClientSampleId :

T-12L

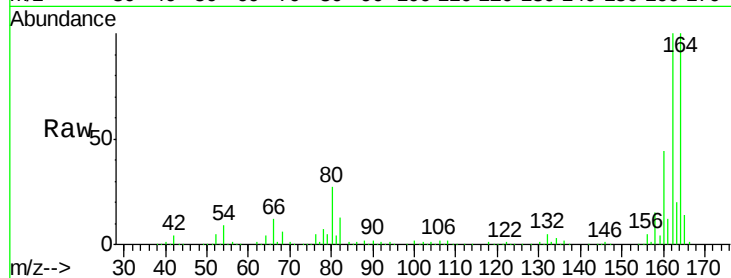
Tgt Ion:164 Resp: 545631

Ion Ratio Lower Upper

164 100

162 100.4 84.9 127.3

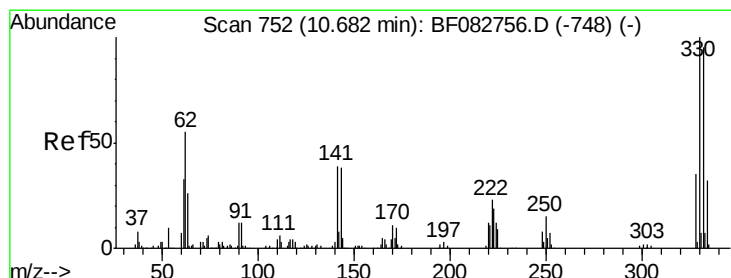
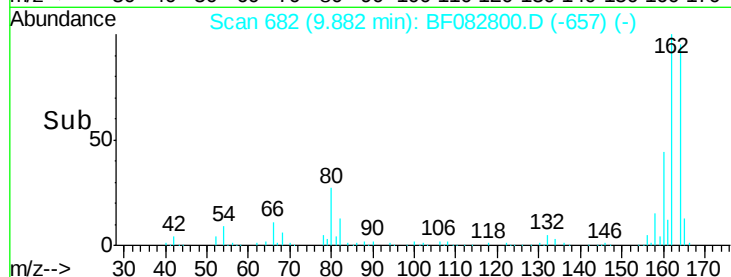
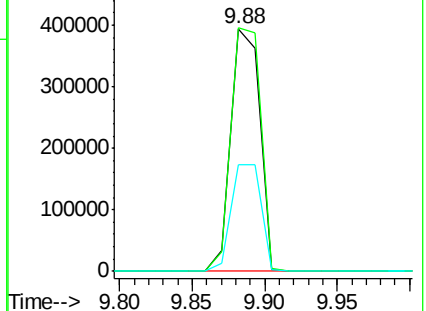
160 43.8 37.5 56.3



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: 86.32 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

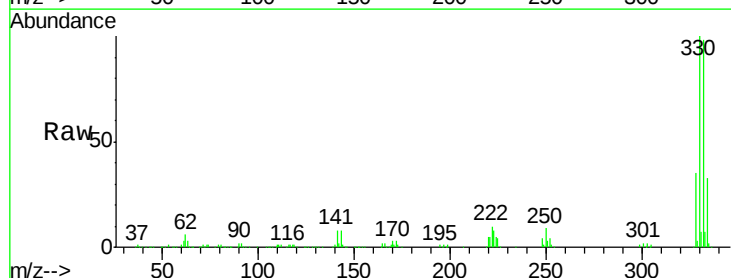
Tgt Ion:330 Resp: 540029

Ion Ratio Lower Upper

330 100

332 98.7 76.6 114.8

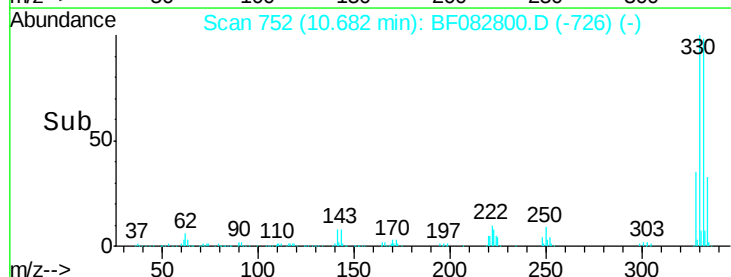
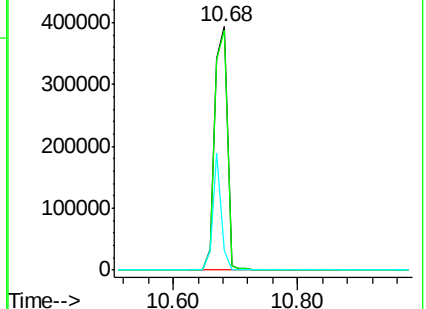
141 32.8 41.2 61.8#

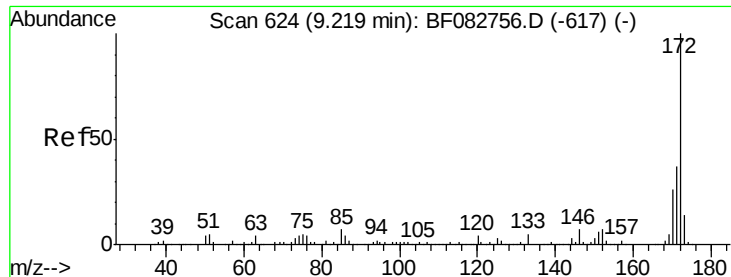


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

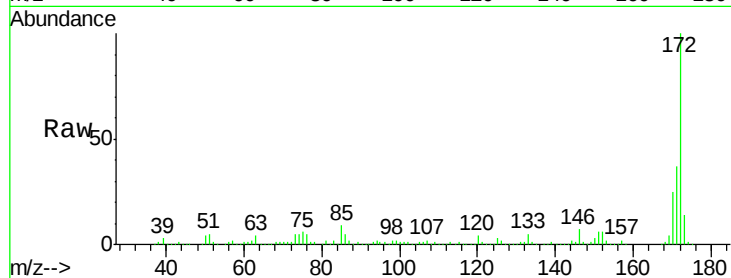




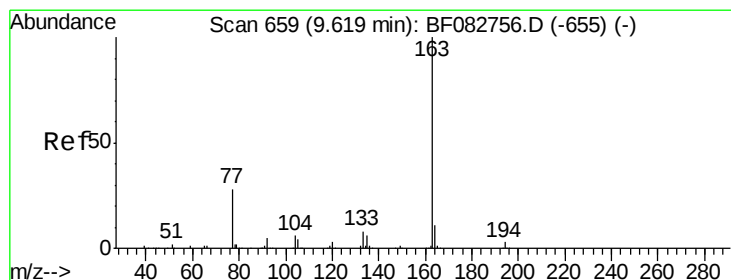
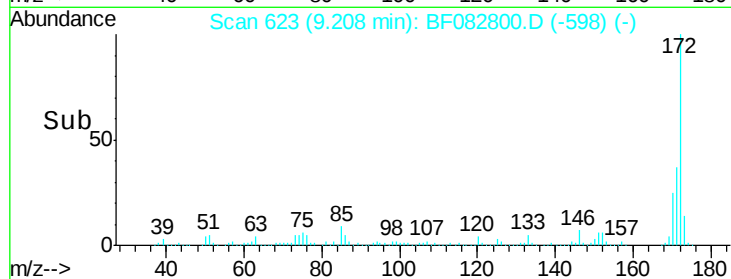
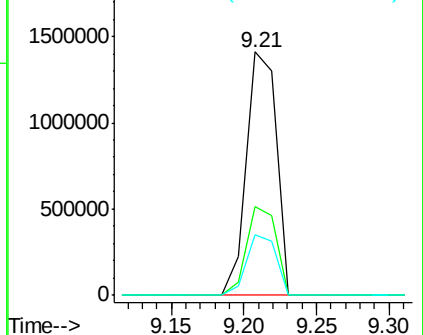
#44
 2-Fluorobiphenyl
 Concen: 53.12 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 T-12L

Tgt Ion:172 Resp: 2022194
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 24.7 21.2 31.8

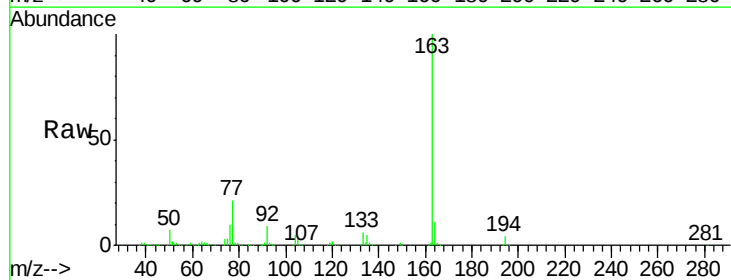


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

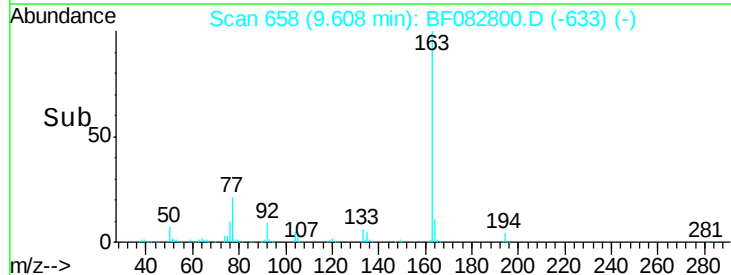
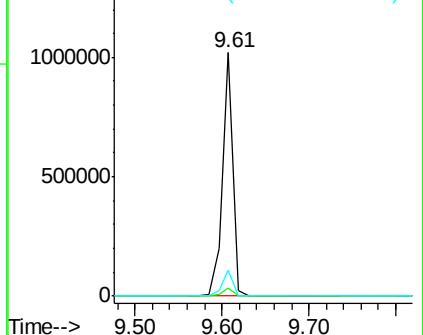


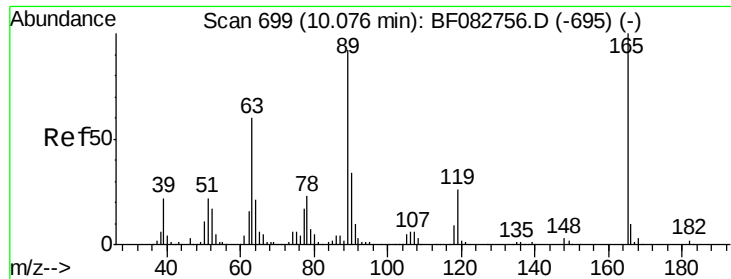
#49
 Dimethylphthalate
 Concen: 19.32 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

Tgt Ion:163 Resp: 863624
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.5 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

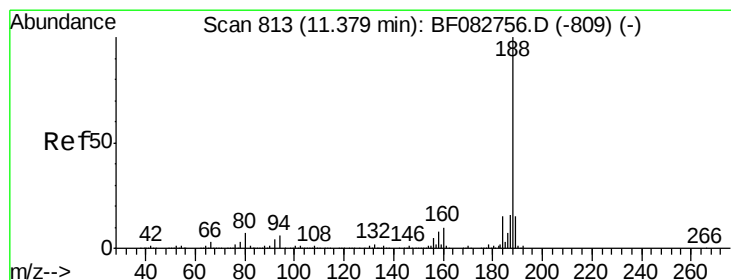
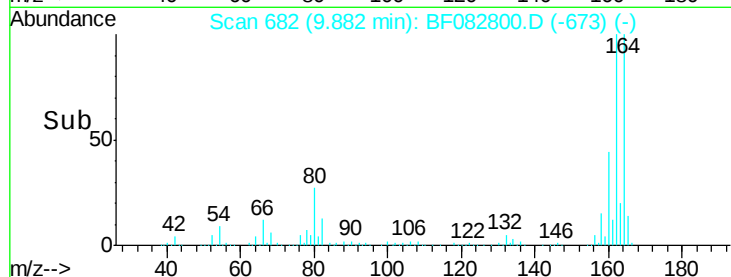
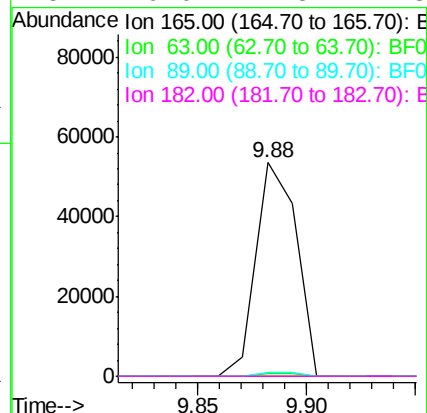
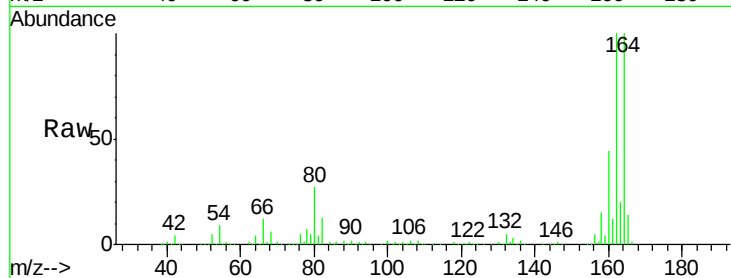




#56
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.19 min
Lab File: BF082800.D
Acq: 7 Nov 2015 10:07

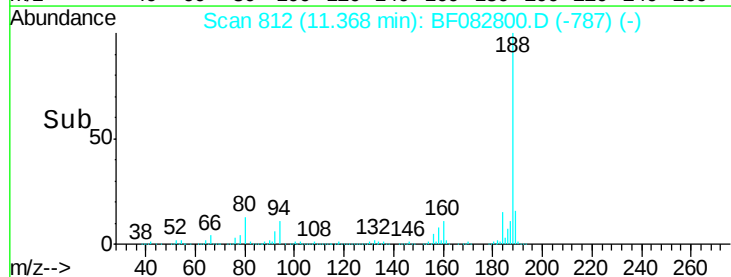
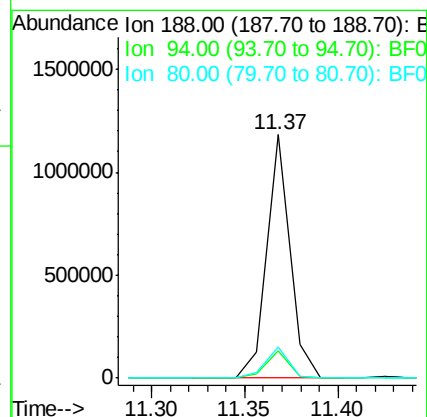
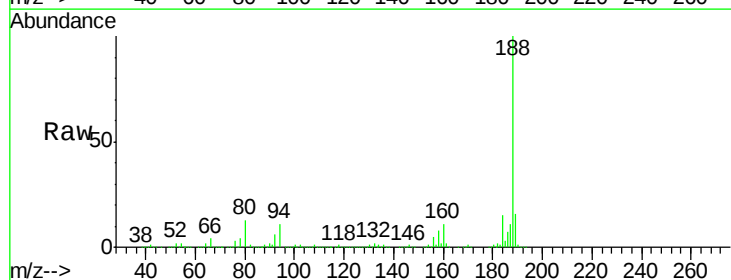
Instrument :
BNA_F
ClientSampleId :
T-12L

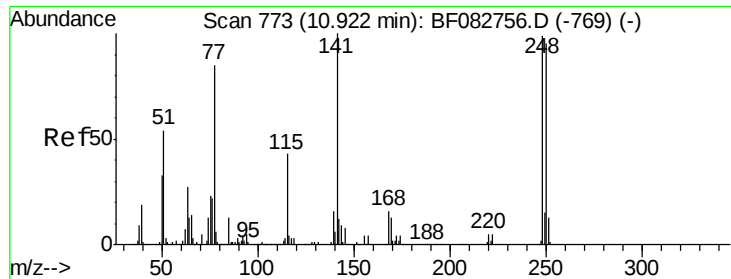
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082800.D
Acq: 7 Nov 2015 10:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	6.1	9.1#
80	12.5	7.0	10.6#

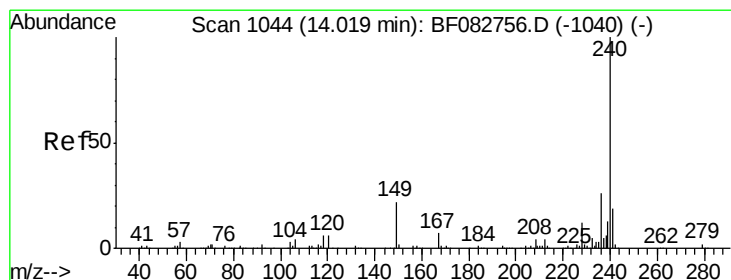
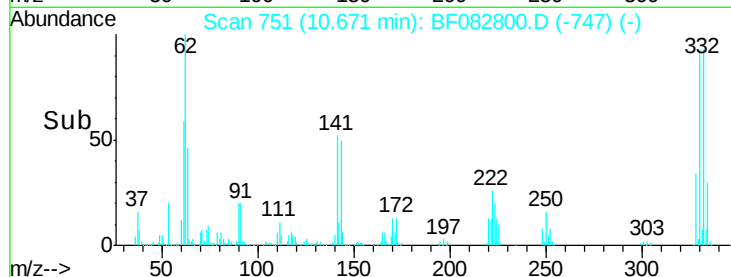
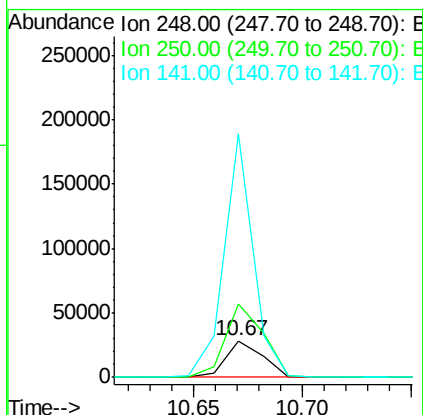
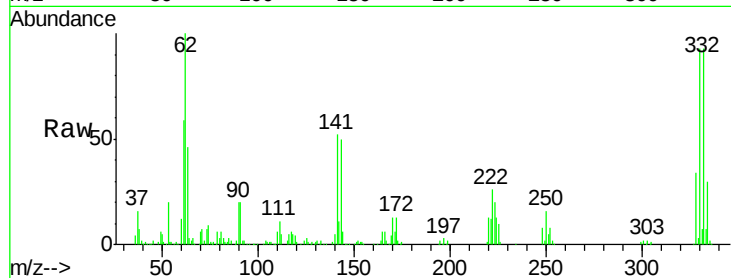




#66
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF082800.D
Acq: 7 Nov 2015 10:07

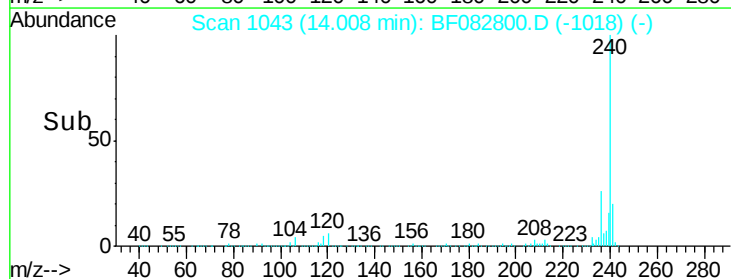
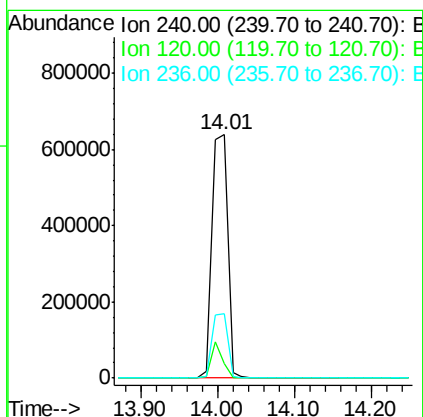
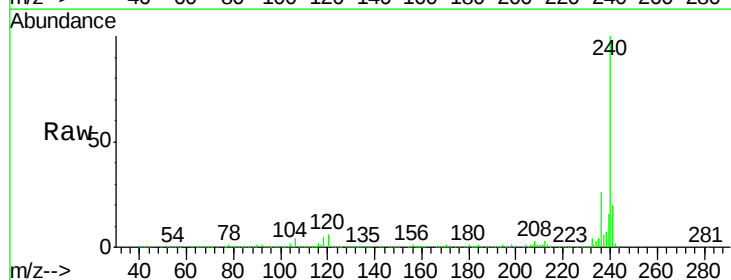
Instrument :
BNA_F
ClientSampled :
T-12L

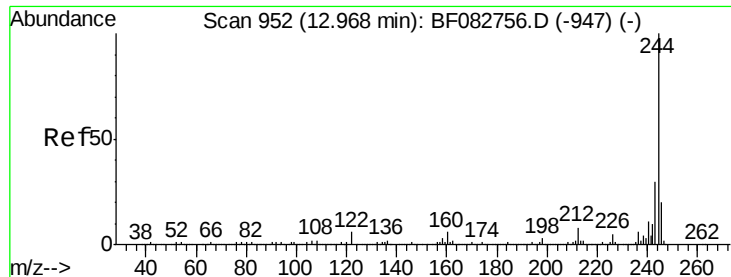
Tgt Ion:248 Resp: 33464
Ion Ratio Lower Upper
248 100
250 203.2 79.4 119.2#
141 671.7 36.3 54.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082800.D
Acq: 7 Nov 2015 10:07

Tgt Ion:240 Resp: 899049
Ion Ratio Lower Upper
240 100
120 5.9 10.9 16.3#
236 26.4 21.6 32.4

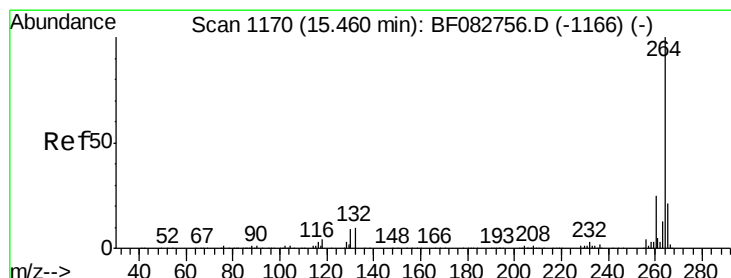
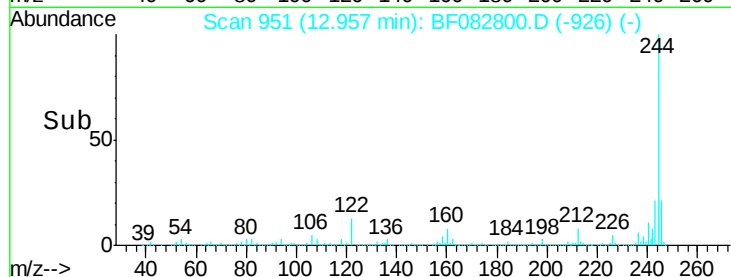
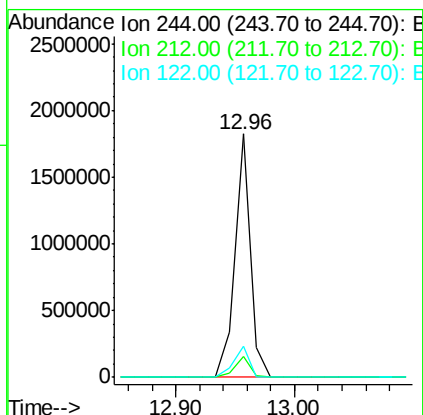
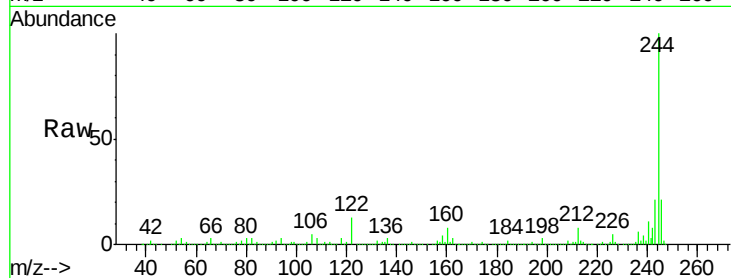




#78
 Terphenyl-d14
 Concen: 43.55 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

Instrument :
 BNA_F
 ClientSampled :
 T-12L

Tgt Ion:244 Resp: 1650796
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 12.7 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

Tgt Ion:264 Resp: 700250
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 22.3 17.4 26.0

