

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082852.D
 Acq On : 10 Nov 2015 4:15
 Operator : UM/IZ
 Sample : G4286-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2C

Quant Time: Nov 10 05:40:33 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

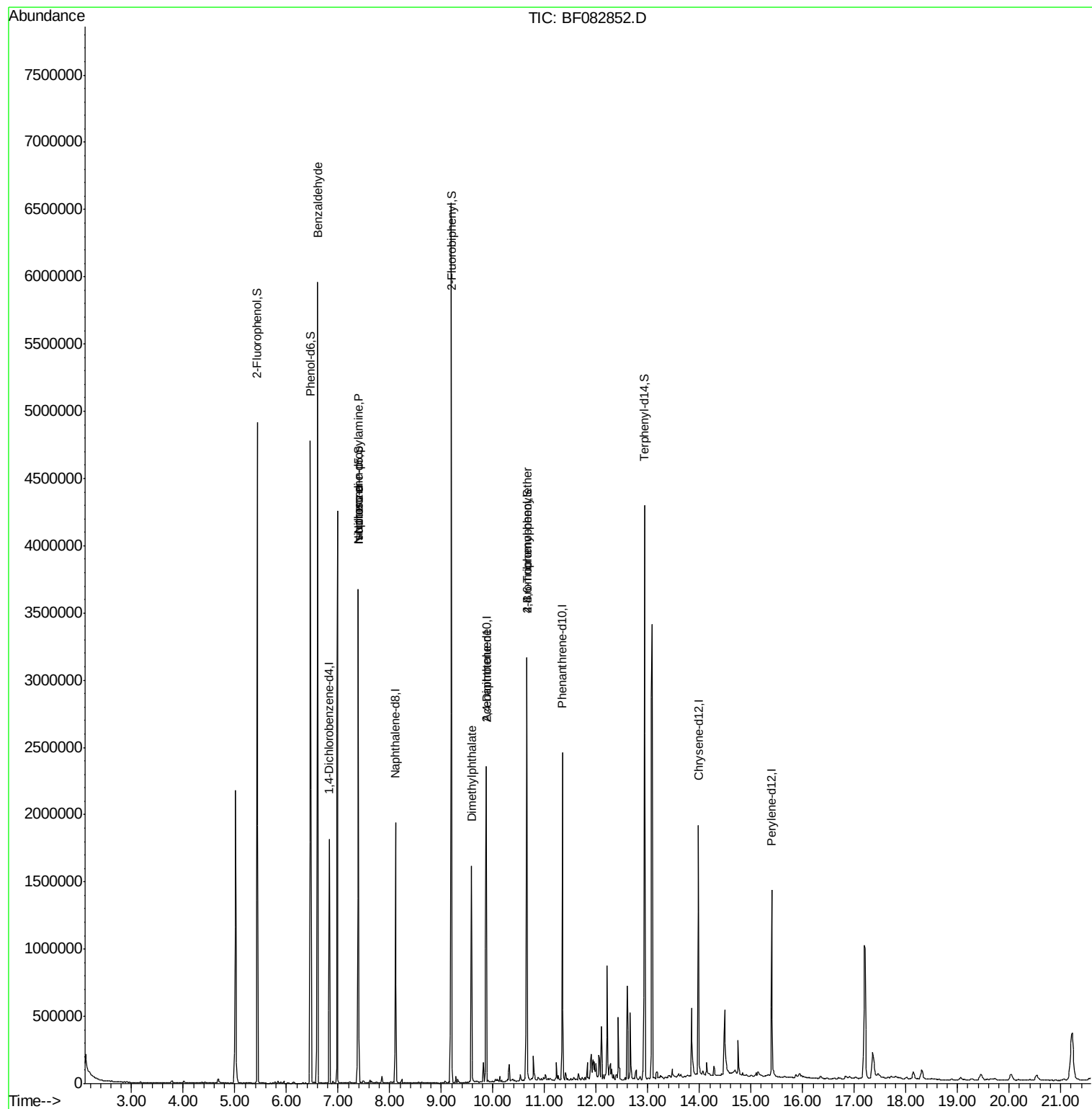
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	272089	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	937584	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	509515	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	847093	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	815530	20.00	ng	-0.03
86) Perylene-d12	15.40	264	630017	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1583632	90.56	ng	-0.01
7) Phenol-d6	6.46	99	2147475	92.37	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1333852	61.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	529866	90.70	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2155907	60.64	ng	-0.02
78) Terphenyl-d14	12.93	244	1704787	49.58	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.60	77	46569	3.63	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.39	70	185236	10.84	ng	# 70
25) Isophorone	7.39	82	1302583	32.67	ng	# 70
49) Dimethylphthalate	9.58	163	580237	13.90	ng	98
56) 2,4-Dinitrotoluene	9.87	165	66306	5.49	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	36691	3.60	ng	# 1

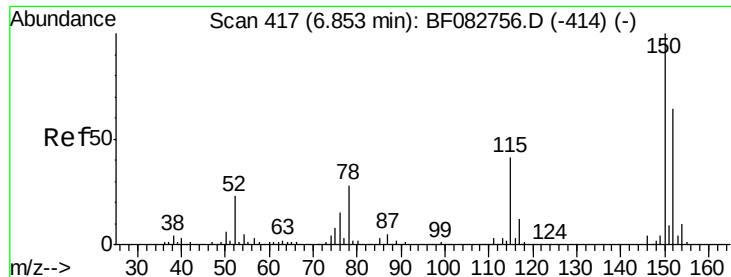
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

Instrument :

BNA_F

ClientSampleId :

T-2C

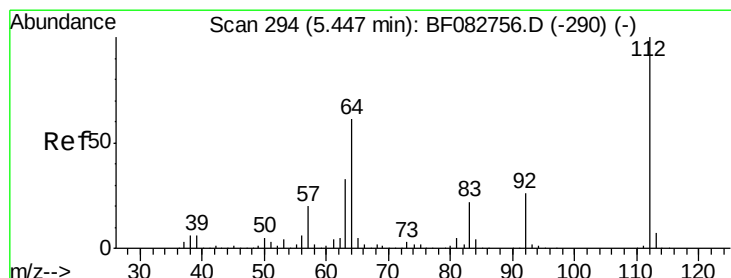
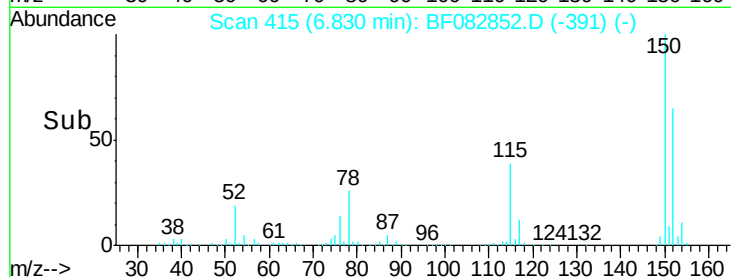
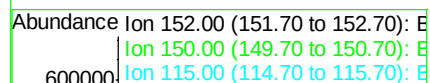
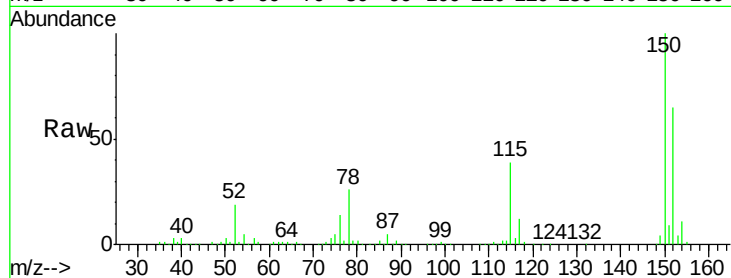
Tot Ion:152 Resp: 272089

Ion Ratio Lower Upper

152 100

150 154.5 127.0 190.4

115 60.8 47.0 70.6



#5

2-Fluorophenol

Concen: 90.56 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

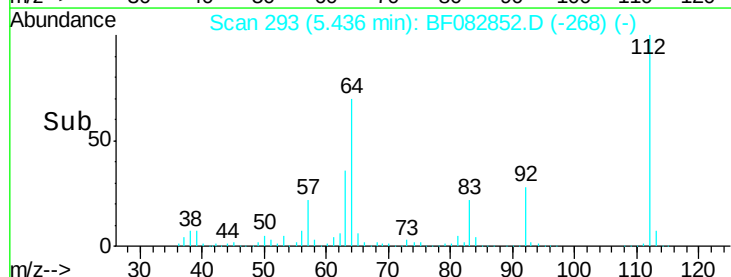
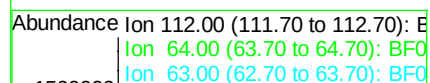
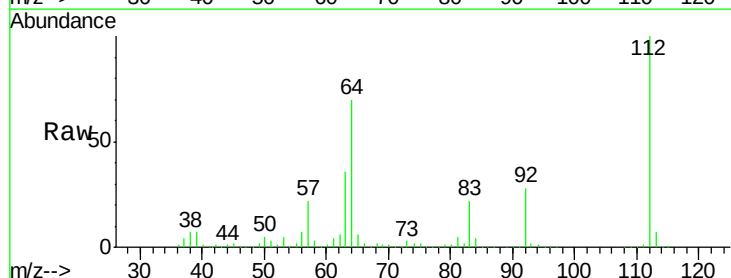
Tgt Ion:112 Resp: 1583632

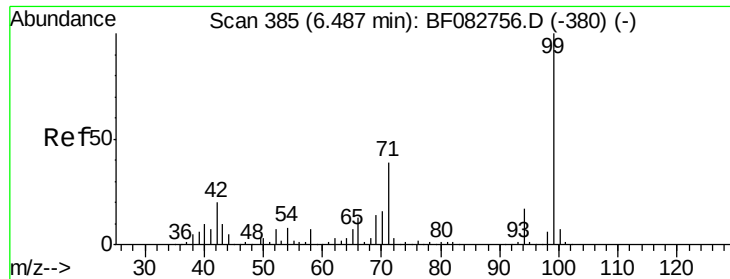
Ion Ratio Lower Upper

112 100

64 69.7 48.9 73.3

63 36.1 28.1 42.1





#7

Phenol-d6

Concen: 92.37 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

Instrument :

BNA_F

ClientSampleId :

T-2C

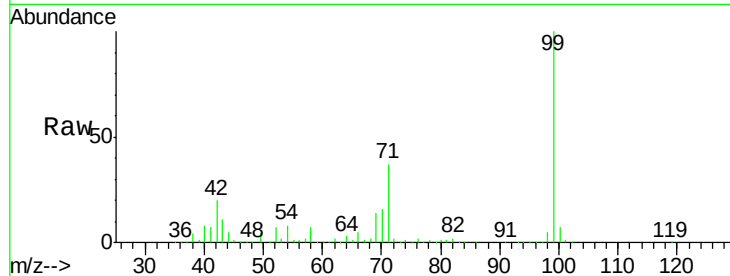
Tot Ion: 99 Resp: 2147475

Ion Ratio Lower Upper

99 100

42 20.1 19.2 28.8

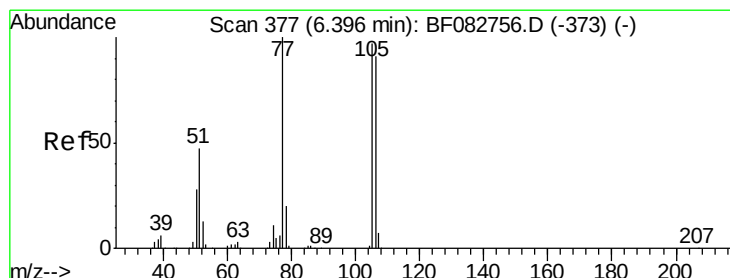
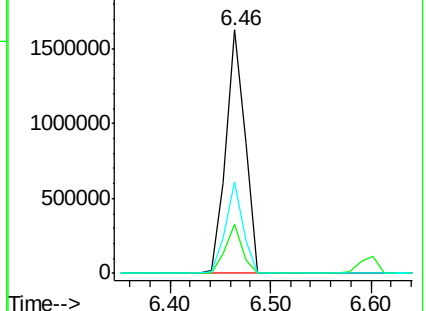
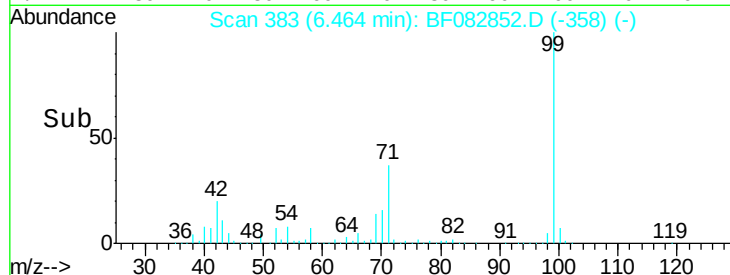
71 37.5 35.0 52.4



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: 3.63 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

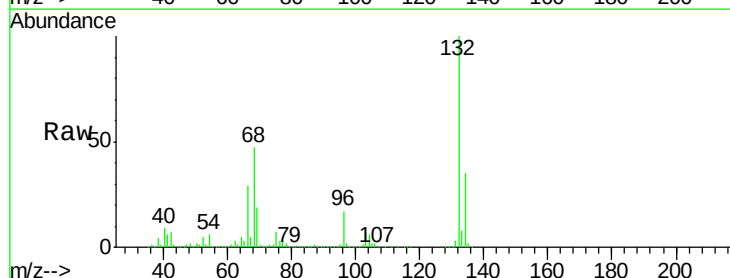
Tgt Ion: 77 Resp: 46569

Ion Ratio Lower Upper

77 100

105 78.6 63.5 103.5

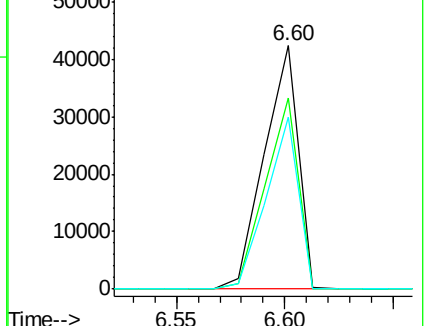
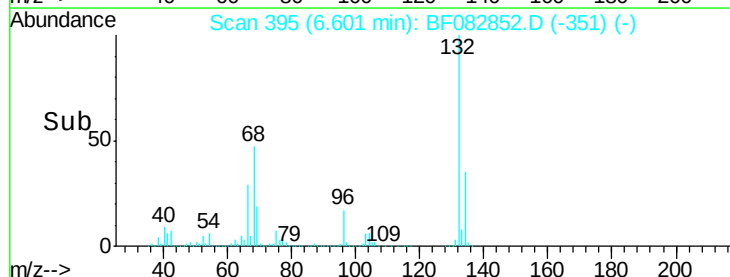
106 70.8 59.3 99.3

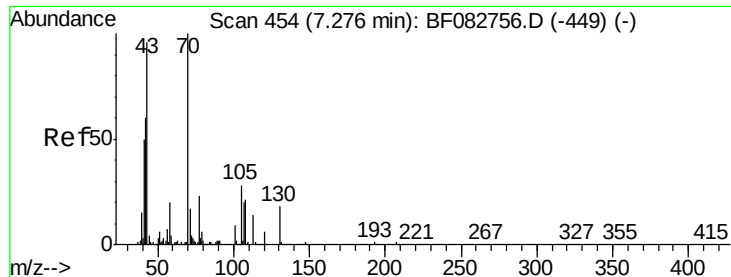


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

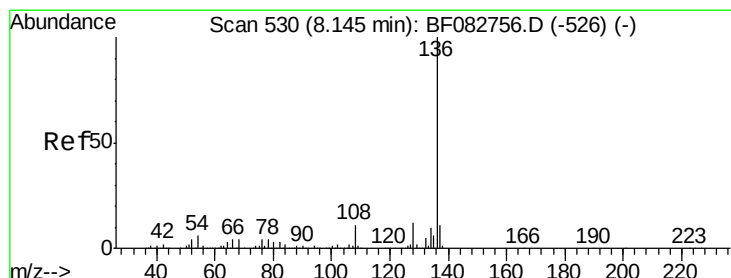
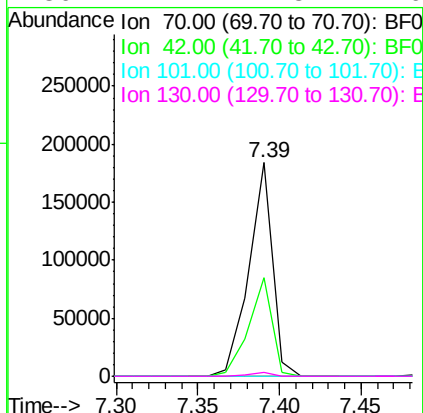
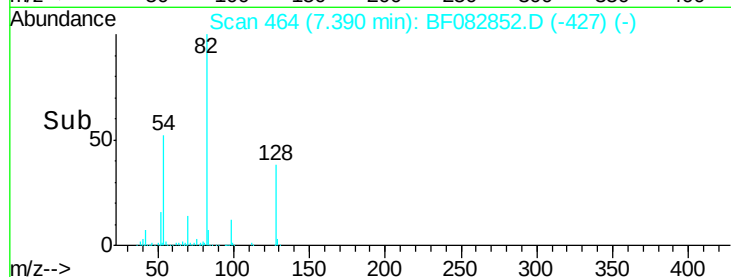
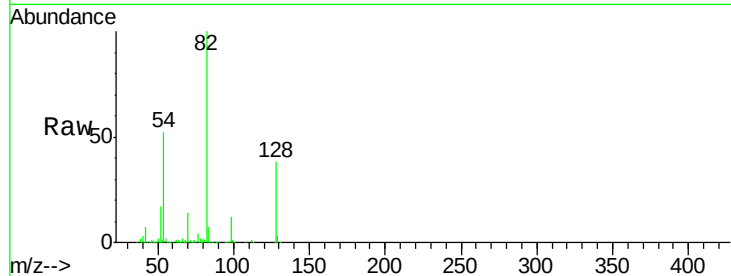




#19
n-Nitroso-di-n-propylamine
Concen: 10.84 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082852.D
Acq: 10 Nov 2015 4:15

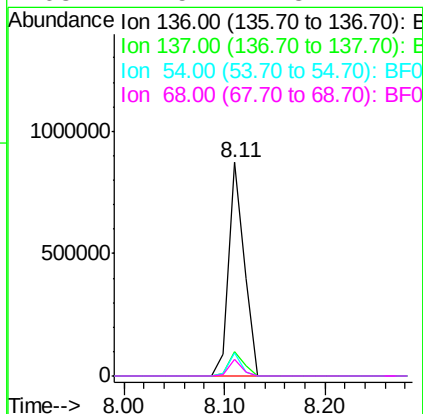
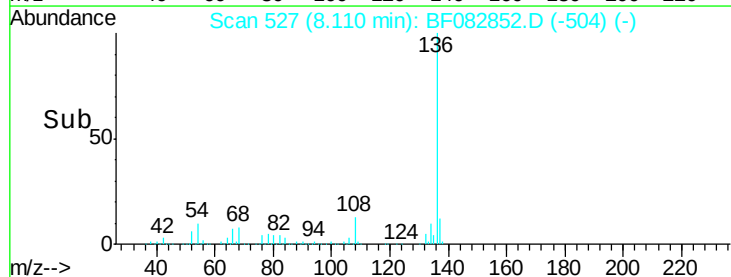
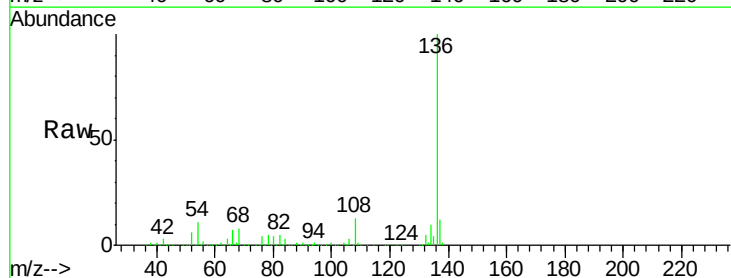
Instrument :
BNA_F
ClientSampled :
T-2C

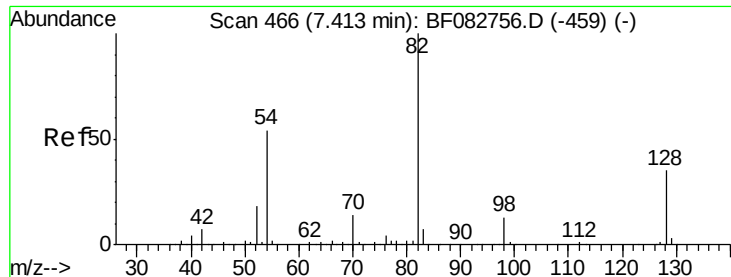
Tot Ion: 70 Resp: 185236
Ion Ratio Lower Upper
70 100
42 46.3 57.7 86.5#
101 0.0 7.0 10.6#
130 2.1 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082852.D
Acq: 10 Nov 2015 4:15

Tgt Ion: 136 Resp: 937584
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 10.5 9.1 13.7
68 7.5 4.8 7.2#

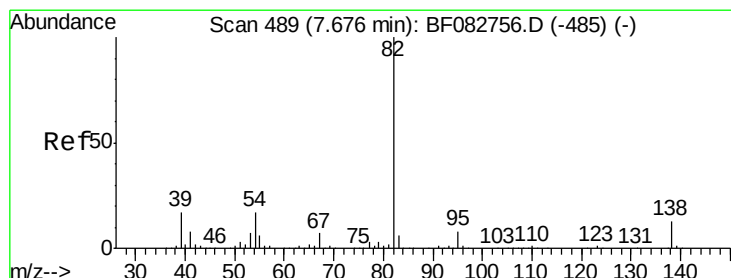
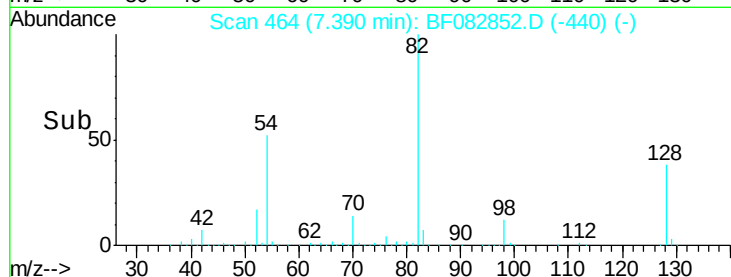
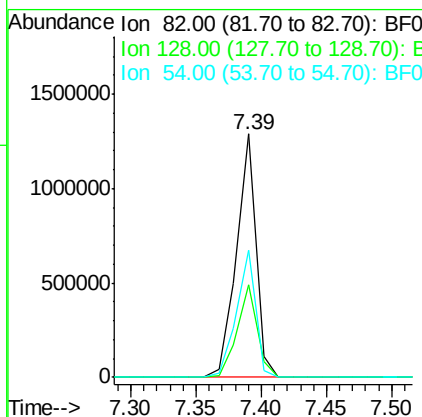
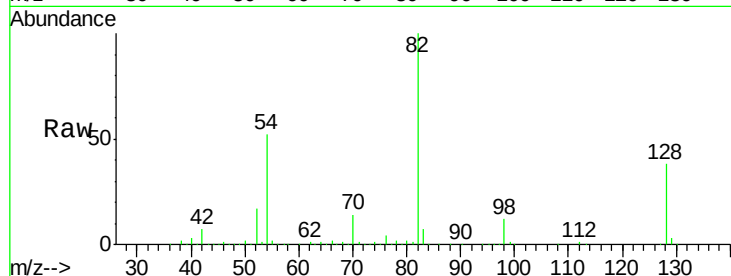




#23
 Nitrobenzene-d5
 Concen: 61.90 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082852.D
 Acq: 10 Nov 2015 4:15

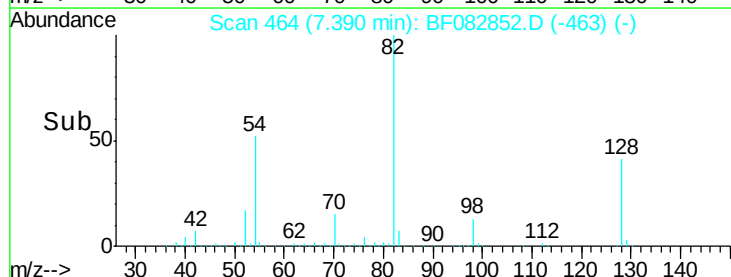
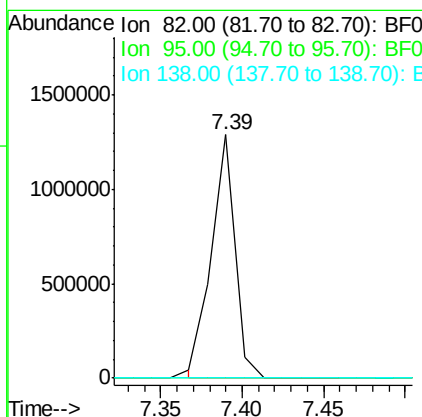
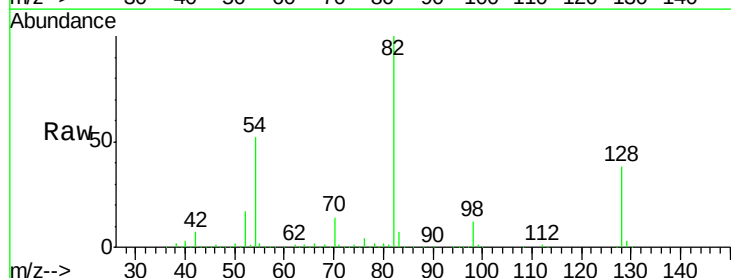
Instrument :
 BNA_F
 ClientSampleId :
 T-2C

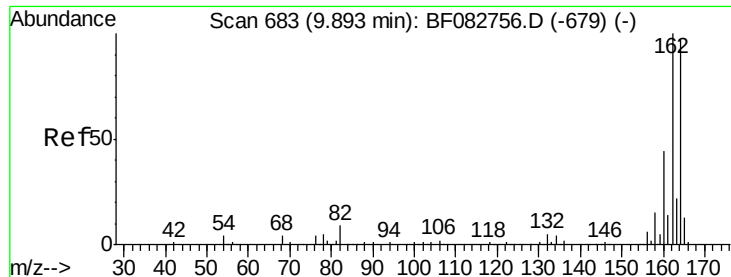
Tot Ion: 82 Resp: 1333852
 Ion Ratio Lower Upper
 82 100
 128 38.1 26.8 40.2
 54 52.4 45.7 68.5



#25
 Isophorone
 Concen: 32.67 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.29 min
 Lab File: BF082852.D
 Acq: 10 Nov 2015 4:15

Tgt Ion: 82 Resp: 1302583
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

Instrument :

BNA_F

ClientSampleId :

T-2C

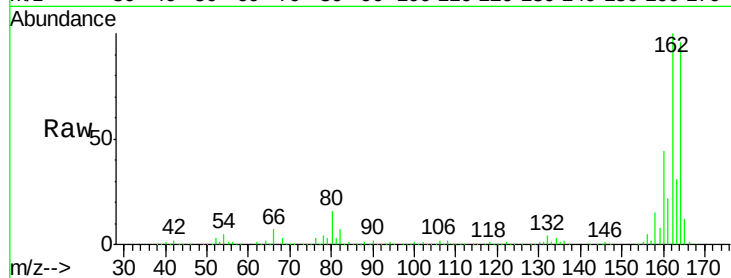
Tot Ion:164 Resp: 509515

Ion Ratio Lower Upper

164 100

162 104.6 84.9 127.3

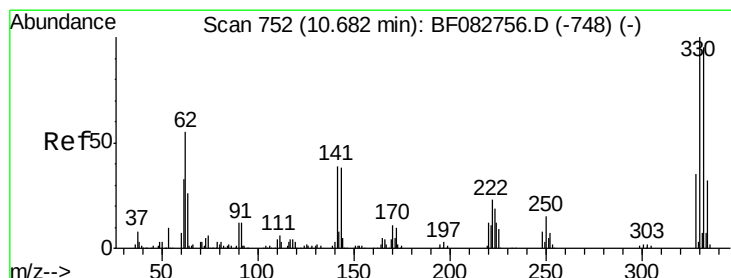
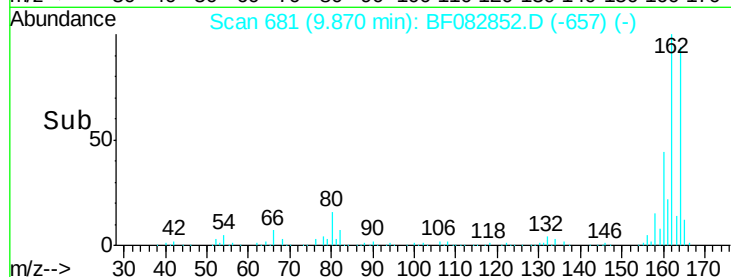
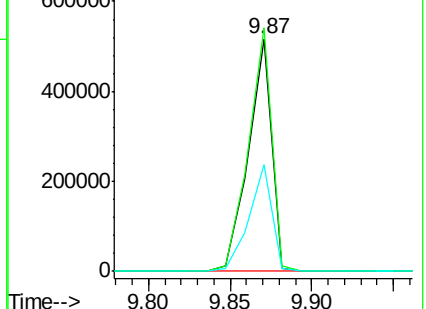
160 45.7 37.5 56.3



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: 90.70 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

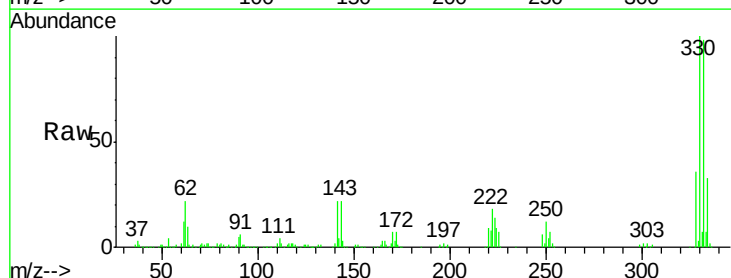
Tgt Ion:330 Resp: 529866

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

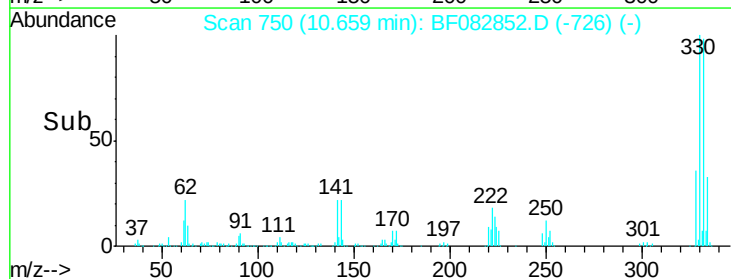
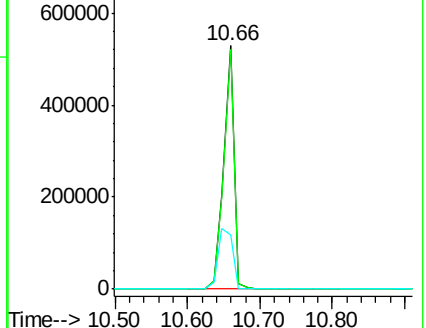
141 35.3 41.2 61.8#

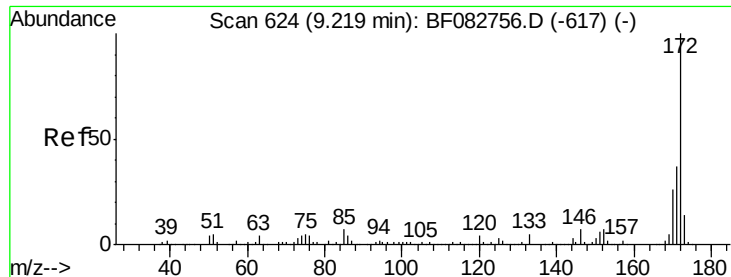


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



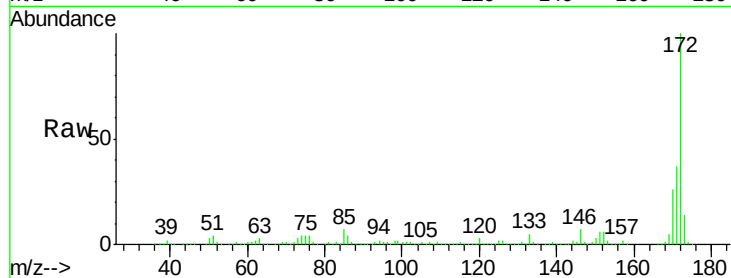


#44
 2-Fluorobiphenyl
 Concen: 60.64 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082852.D
 Acq: 10 Nov 2015 4:15

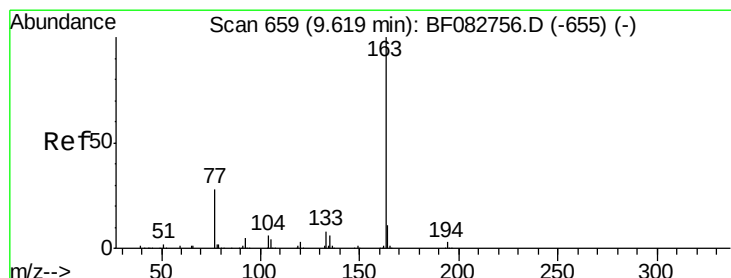
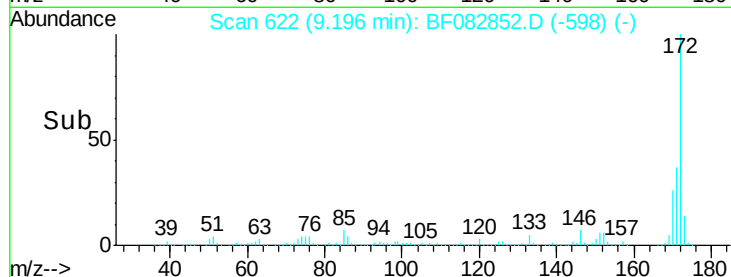
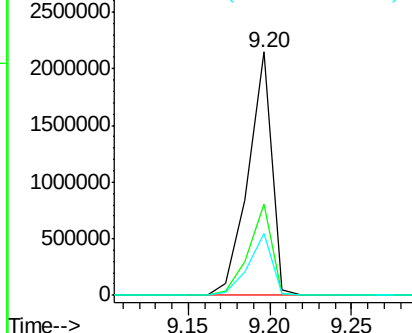
Instrument :
 BNA_F
 ClientSampleId :
 T-2C

Tot Ion:172 Resp: 2155907

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.6	21.2	31.8



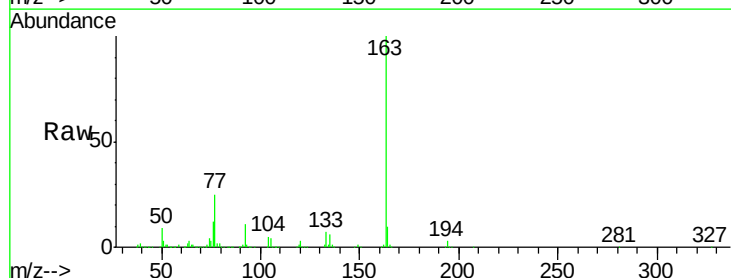
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



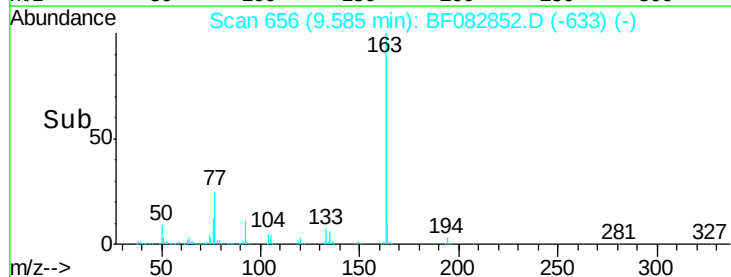
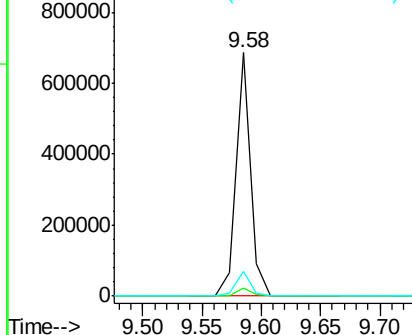
#49
 Dimethylphthalate
 Concen: 13.90 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF082852.D
 Acq: 10 Nov 2015 4:15

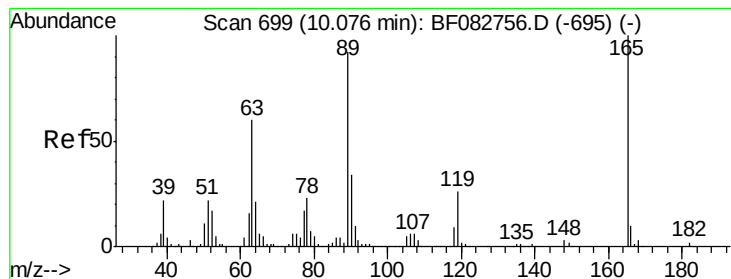
Tgt Ion:163 Resp: 580237

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.2	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: 5.49 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

Instrument :

BNA_F

ClientSampleId :

T-2C

Tot Ion:165 Resp: 66306

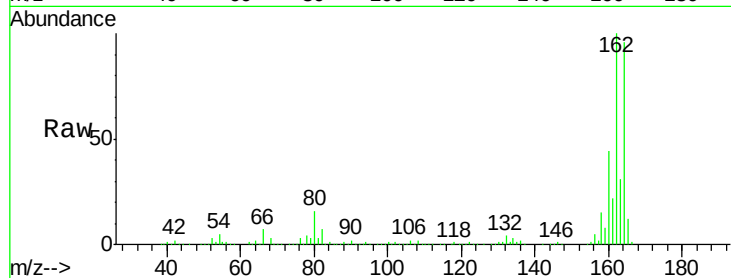
Ion Ratio Lower Upper

165 100

63 1.4 43.4 65.0#

89 1.4 70.6 106.0#

182 0.0 1.5 2.3#

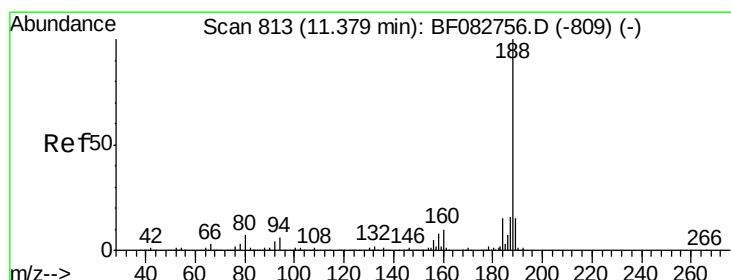
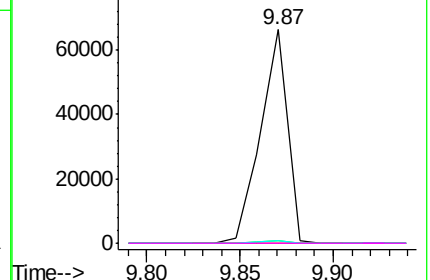
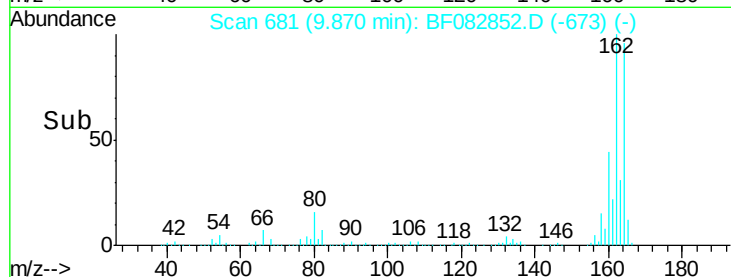


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

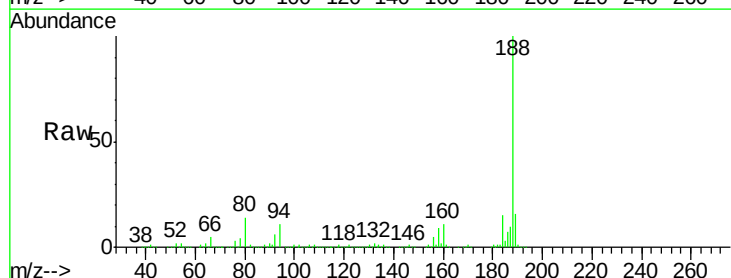
Tgt Ion:188 Resp: 847093

Ion Ratio Lower Upper

188 100

94 11.5 6.1 9.1#

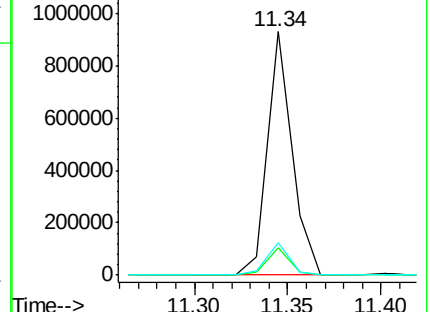
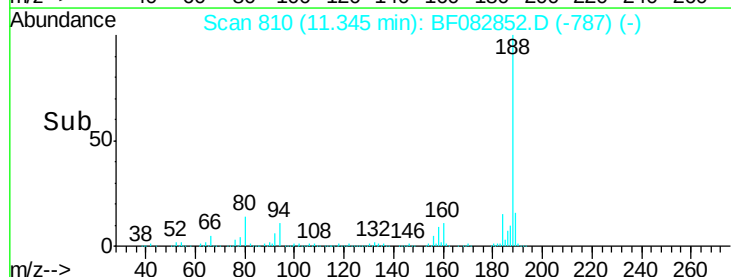
80 13.5 7.0 10.6#

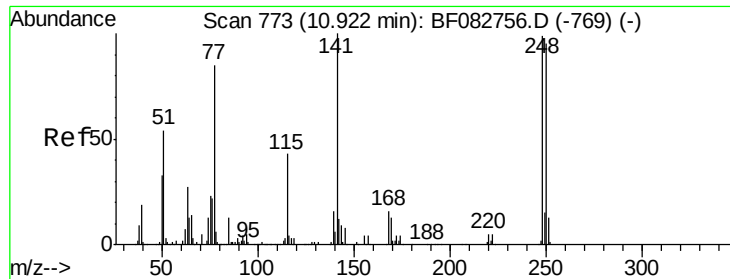


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

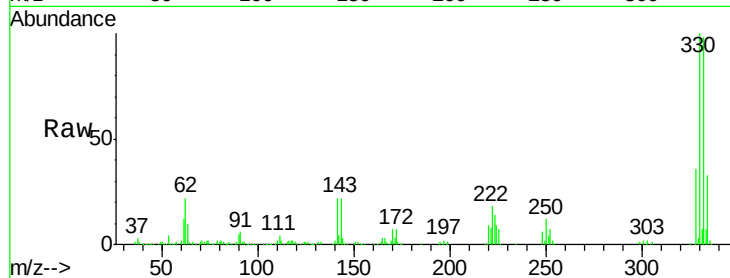




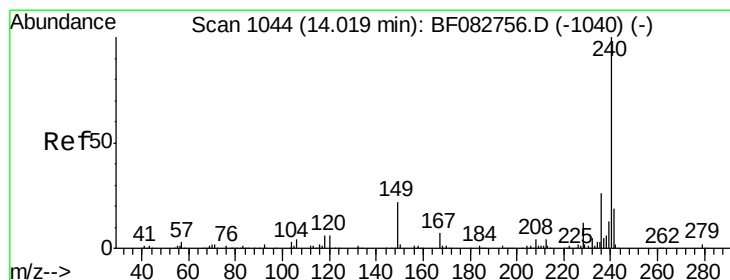
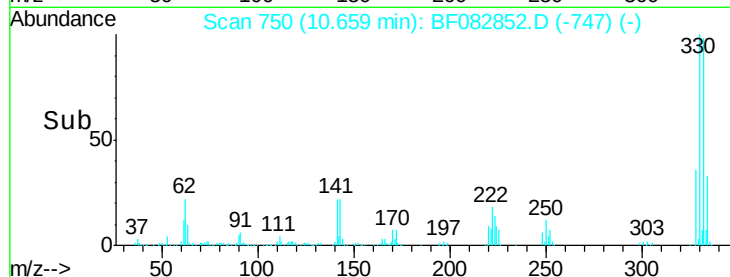
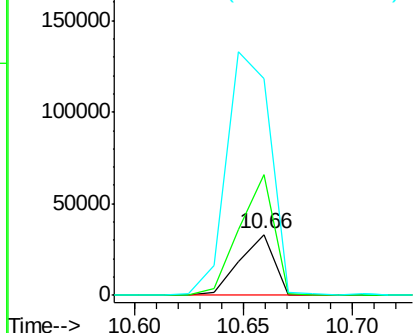
#66
 4-Bromophenyl-phenylether
 Concen: 3.60 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.26 min
 Lab File: BF082852.D
 Acq: 10 Nov 2015 4:15

Instrument :
 BNA_F
 ClientSampleId :
 T-2C

Tot Ion:248 Resp: 36691
 Ion Ratio Lower Upper
 248 100
 250 198.6 79.4 119.2#
 141 357.3 36.3 54.5#

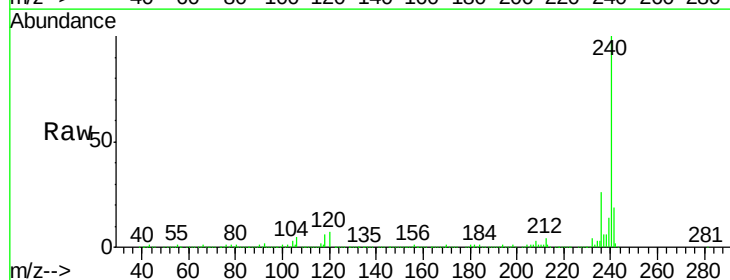


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

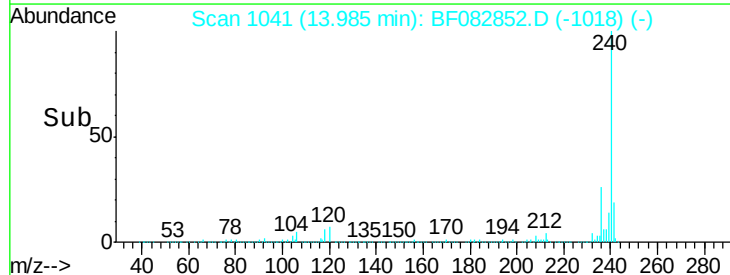
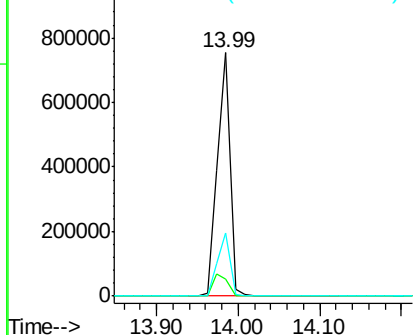


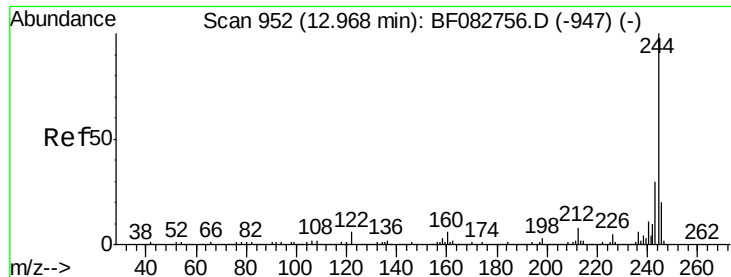
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082852.D
 Acq: 10 Nov 2015 4:15

Tgt Ion:240 Resp: 815530
 Ion Ratio Lower Upper
 240 100
 120 6.9 10.9 16.3#
 236 26.0 21.6 32.4



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: 49.58 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

Instrument :

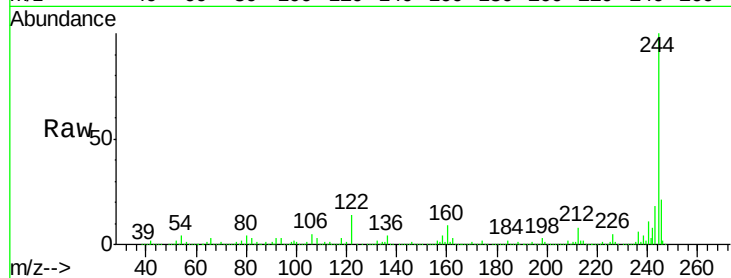
BNA_F

ClientSampleId :

T-2C

Tot Ion:244 Resp: 1704787

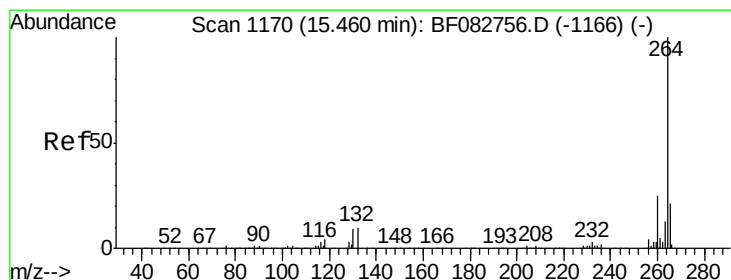
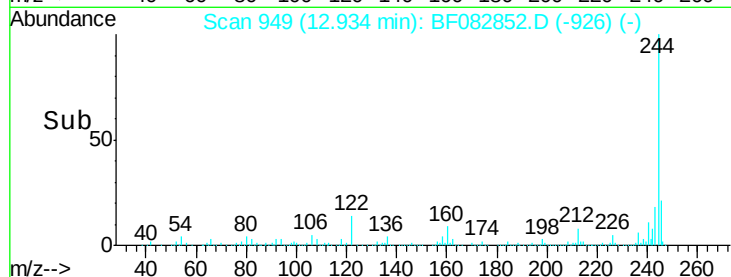
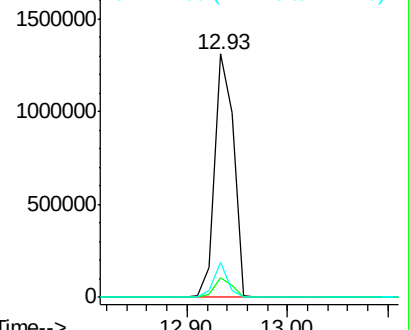
Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.6	11.4
122	14.1	11.3	16.9



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

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

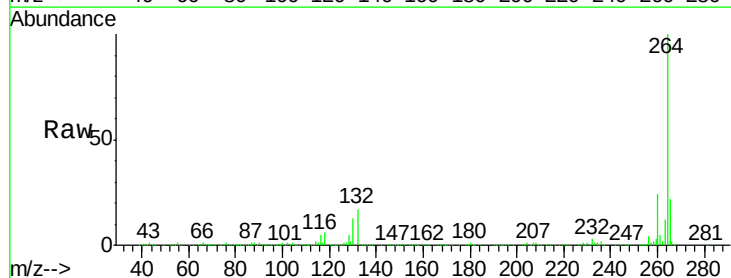
Delta R.T. -0.06 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

Tgt Ion:264 Resp: 630017

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.0	17.4	26.0



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

