

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082985.D
 Acq On : 18 Nov 2015 00:28
 Operator : UM/IZ
 Sample : G4407-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:30:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

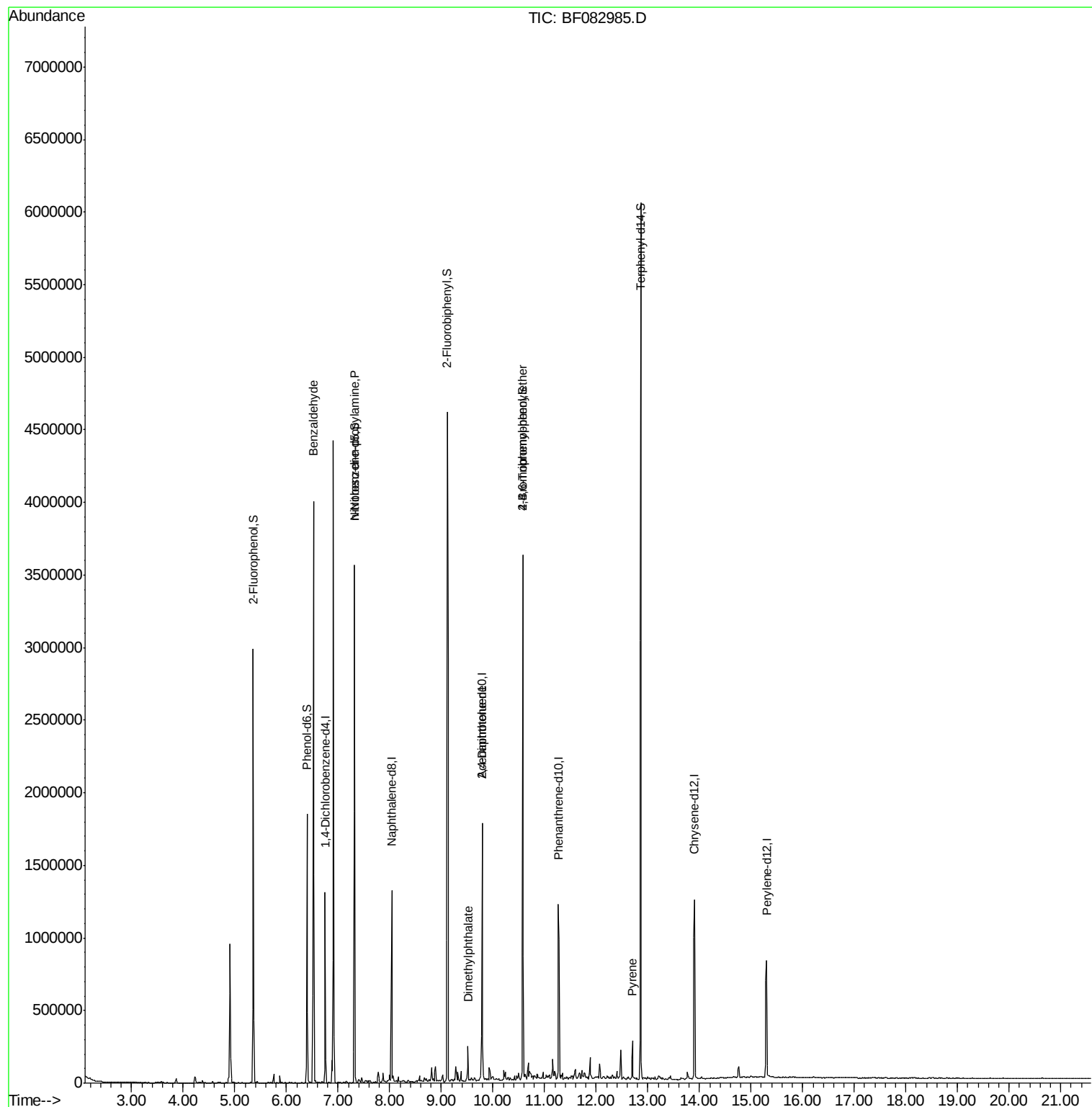
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	173789	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	660968	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	330101	20.00	ng	-0.10
63) Phenanthrene-d10	11.26	188	616146	20.00	ng	-0.11
75) Chrysene-d12	13.91	240	589614	20.00	ng	-0.11
86) Perylene-d12	15.30	264	438148	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	746485	66.83	ng	-0.09
7) Phenol-d6	6.40	99	610626	41.12	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1386981	91.31	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	433773	114.61	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1981391	86.03	ng	-0.10
78) Terphenyl-d14	12.87	244	2070018	83.27	ng	-0.10
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	28022	3.42	ng	84
19) n-Nitroso-di-n-propylamine	7.32	70	187757	17.20	ng	# 69
49) Dimethylphthalate	9.52	163	101895	3.77	ng	98
56) 2,4-Dinitrotoluene	9.79	165	45286	5.78	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	27140	3.66	ng	# 1
77) Pyrene	12.71	202	116905	2.89	ng	95

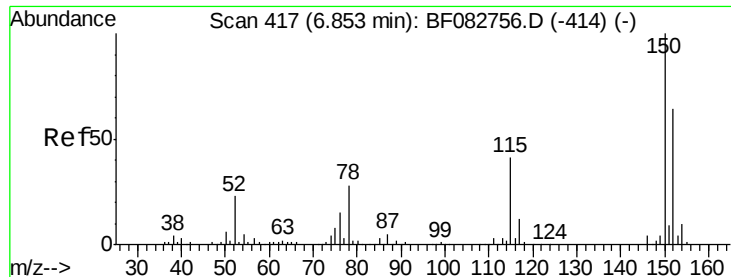
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082985.D

Acq: 18 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

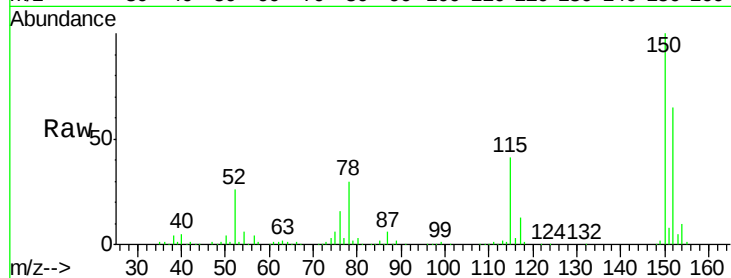
Tot Ion:152 Resp: 173789

Ion Ratio Lower Upper

152 100

150 153.8 127.0 190.4

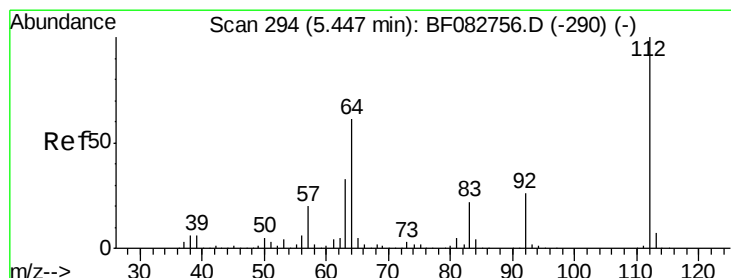
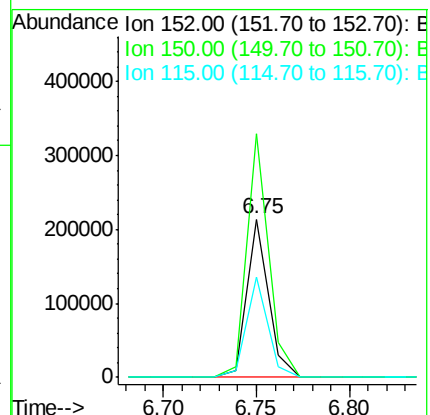
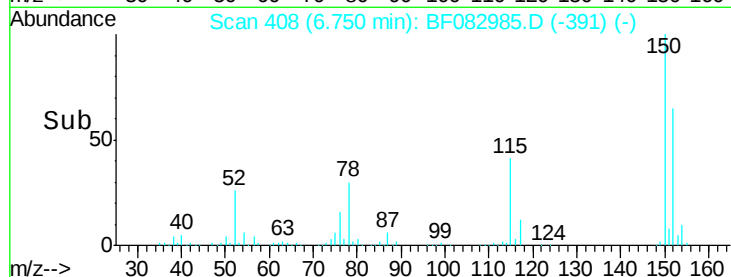
115 63.5 47.0 70.6



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: 66.83 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082985.D

Acq: 18 Nov 2015 00:28

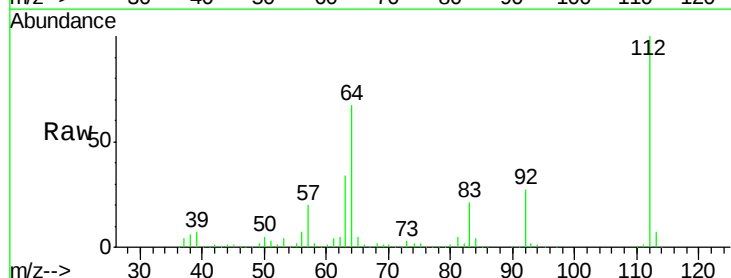
Tgt Ion:112 Resp: 746485

Ion Ratio Lower Upper

112 100

64 66.6 48.9 73.3

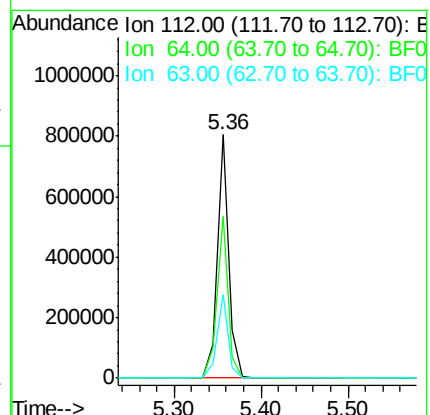
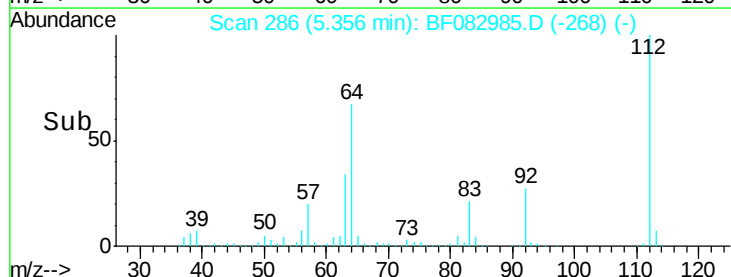
63 34.5 28.1 42.1



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: 41.12 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082985.D

Acq: 18 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

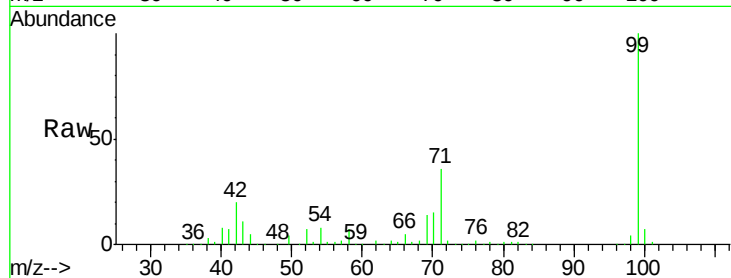
Tot Ion: 99 Resp: 610626

Ion Ratio Lower Upper

99 100

42 20.1 19.2 28.8

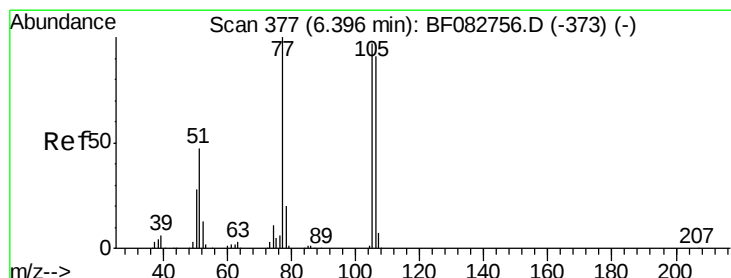
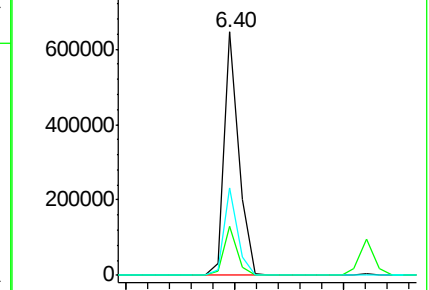
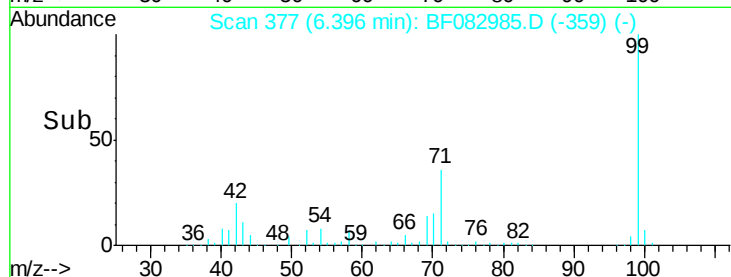
71 35.9 35.0 52.4



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: 3.42 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.13 min

Lab File: BF082985.D

Acq: 18 Nov 2015 00:28

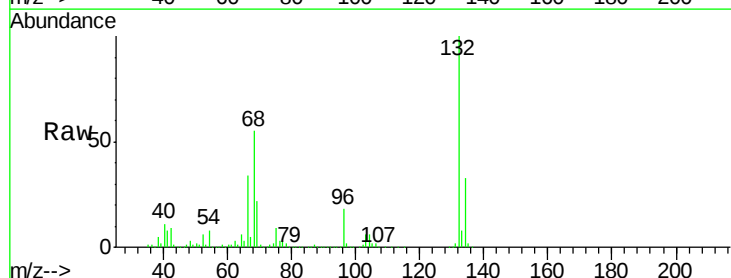
Tgt Ion: 77 Resp: 28022

Ion Ratio Lower Upper

77 100

105 71.0 63.5 103.5

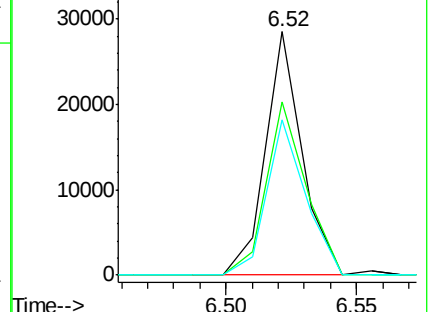
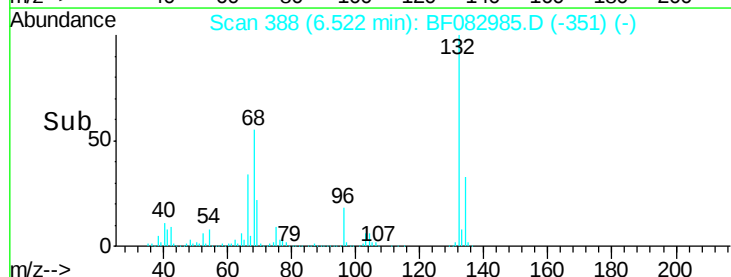
106 63.7 59.3 99.3



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

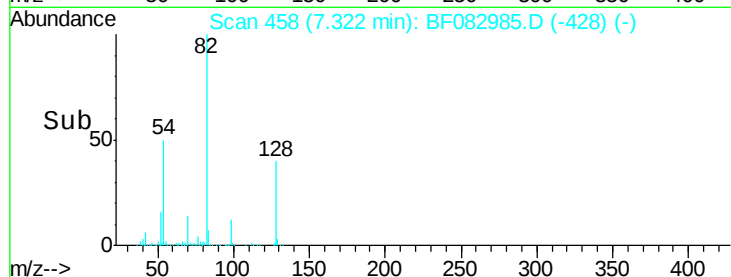
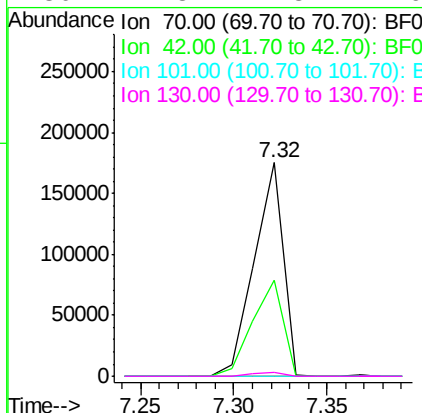
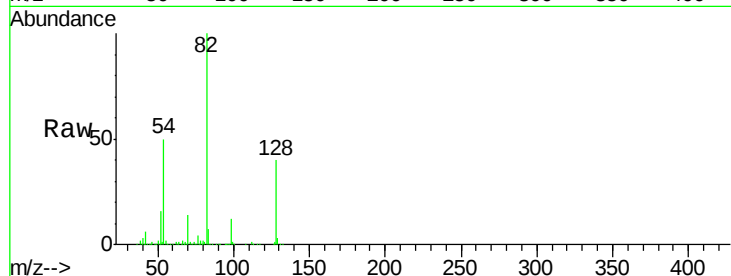




#19
n-Nitroso-di-n-propylamine
Concen: 17.20 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF082985.D
Acq: 18 Nov 2015 00:28

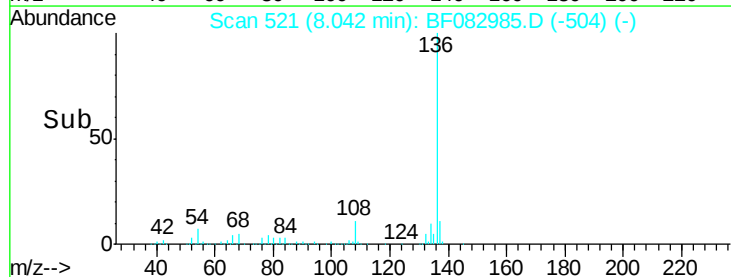
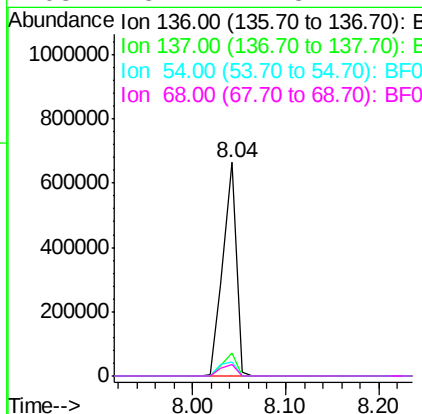
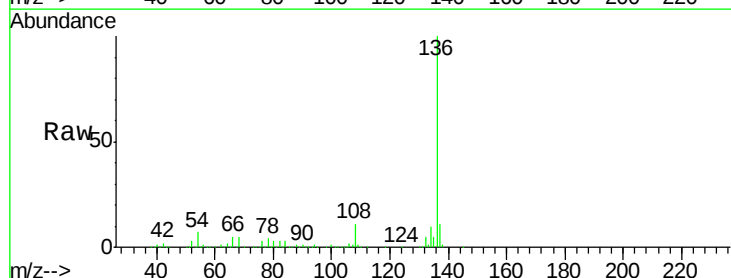
Instrument :
BNA_F
ClientSampled :

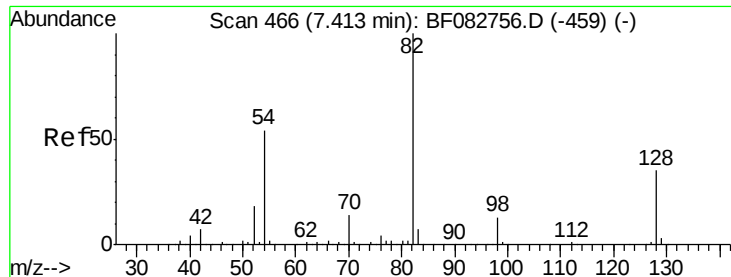
Tot Ion: 70 Resp: 187757
Ion Ratio Lower Upper
70 100
42 45.2 57.7 86.5#
101 0.0 7.0 10.6#
130 1.8 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082985.D
Acq: 18 Nov 2015 00:28

Tgt Ion:136 Resp: 660968
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.9 9.1 13.7#
68 5.2 4.8 7.2



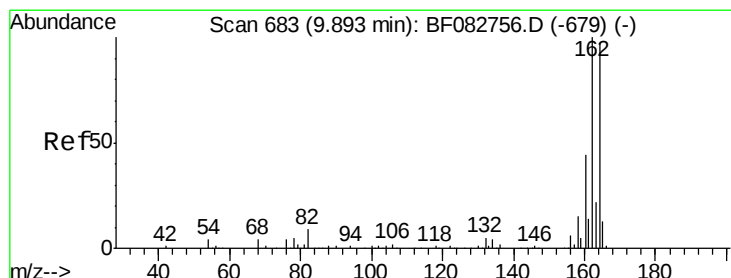
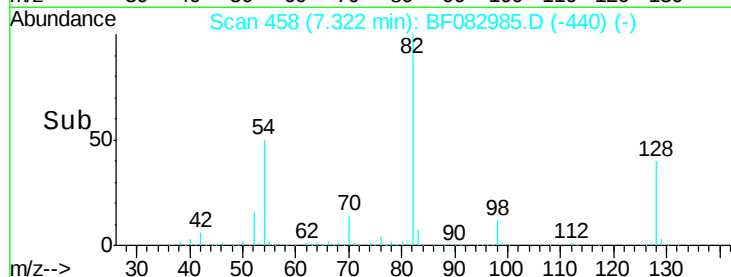
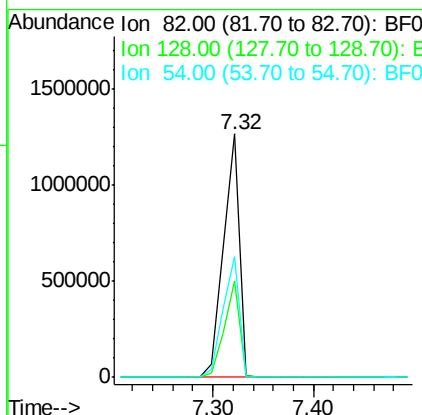
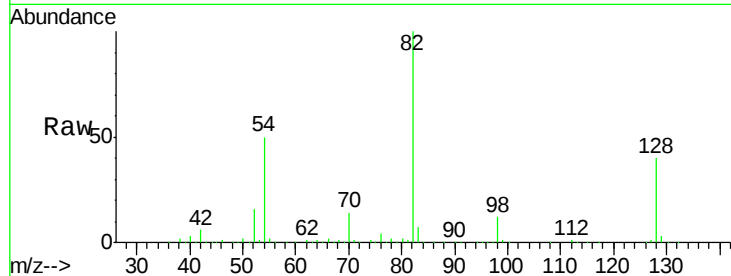


#23
 Nitrobenzene-d5
 Concen: 91.31 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082985.D
 Acq: 18 Nov 2015 00:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1386981

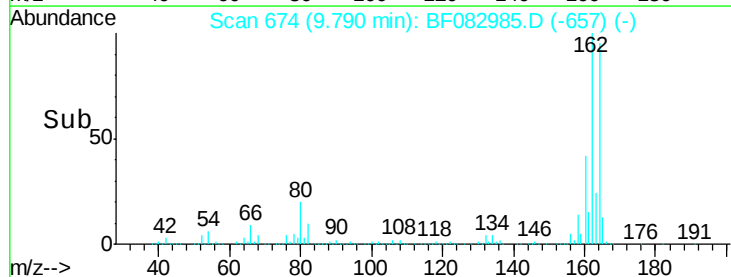
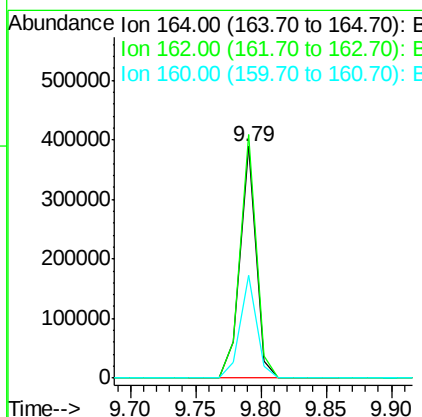
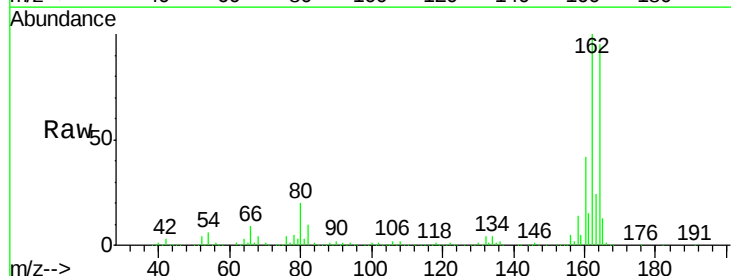
Ion	Ratio	Lower	Upper
82	100		
128	39.8	26.8	40.2
54	49.8	45.7	68.5

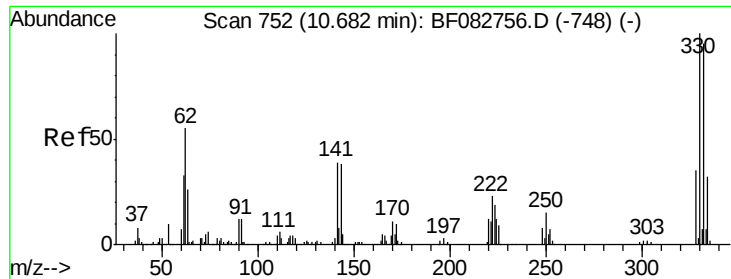


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082985.D
 Acq: 18 Nov 2015 00:28

Tgt Ion: 164 Resp: 330101

Ion	Ratio	Lower	Upper
164	100		
162	105.2	84.9	127.3
160	44.6	37.5	56.3

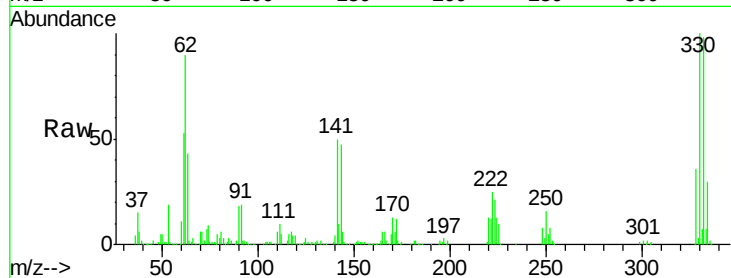




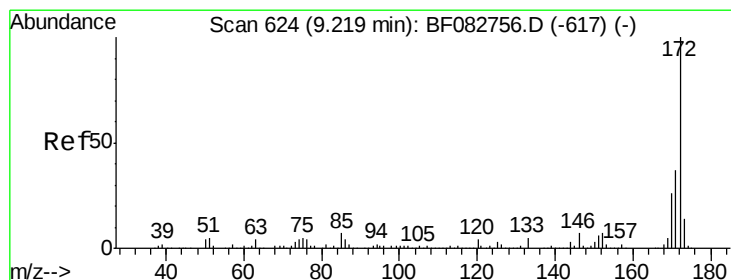
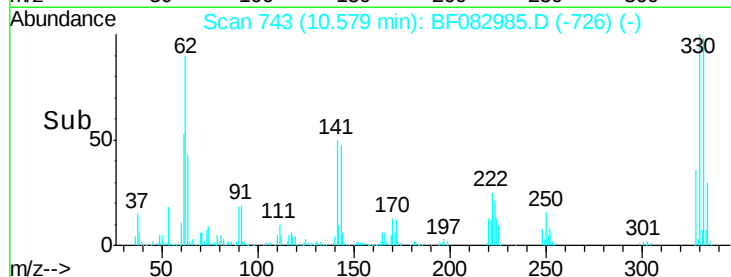
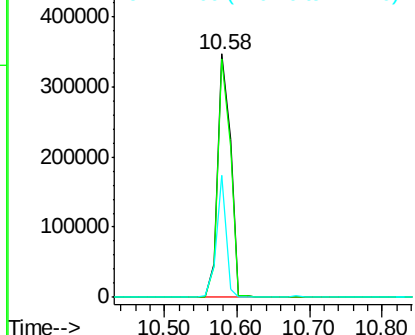
#41
 2,4,6-Tribromophenol
 Concen: 114.61 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082985.D
 Acq: 18 Nov 2015 00:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 433773
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 37.6 41.2 61.8#

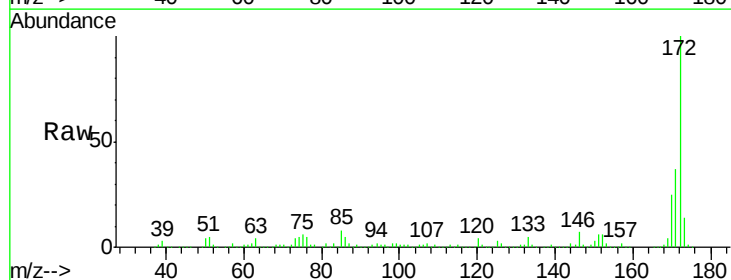


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

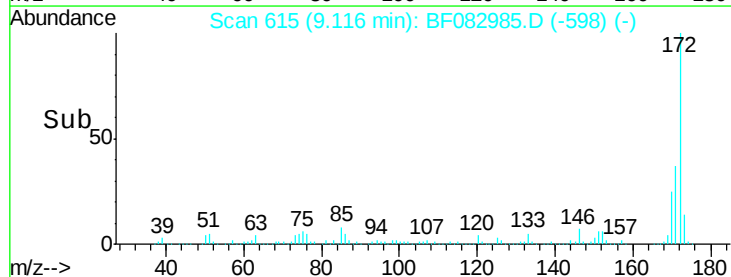
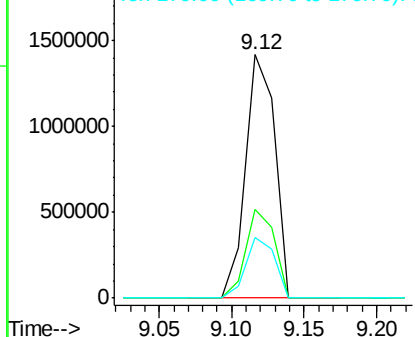


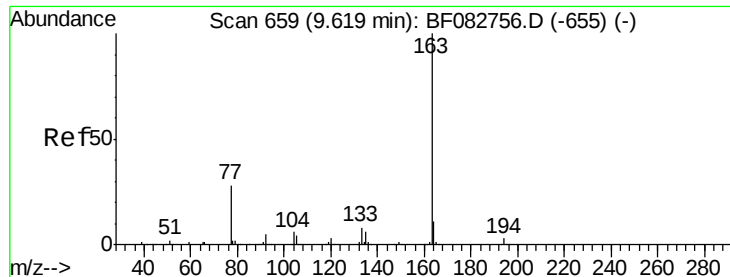
#44
 2-Fluorobiphenyl
 Concen: 86.03 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082985.D
 Acq: 18 Nov 2015 00:28

Tgt Ion:172 Resp: 1981391
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 24.8 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

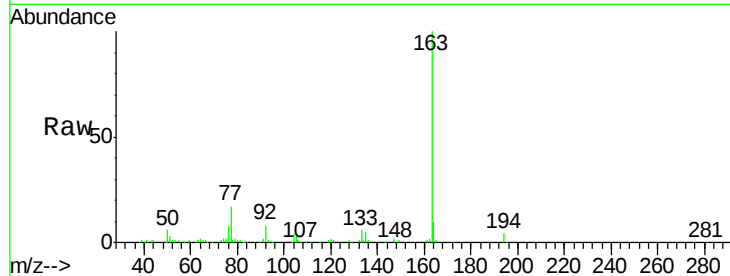




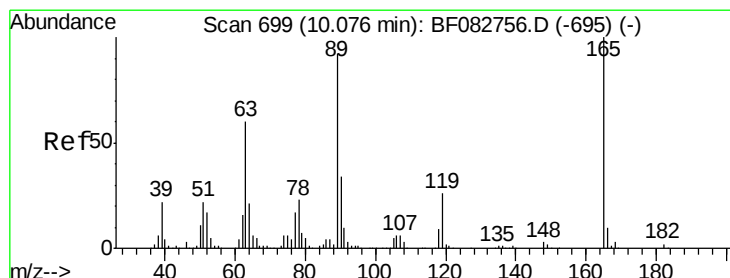
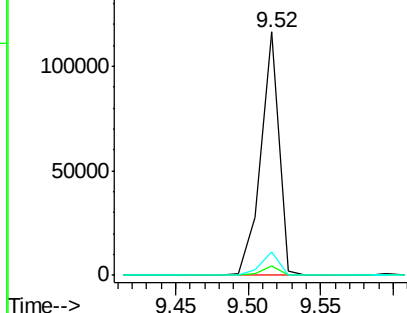
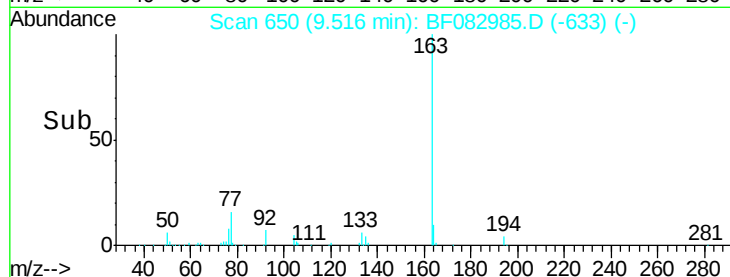
#49
Dimethylphthalate
Concen: 3.77 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.10 min
Lab File: BF082985.D
Acq: 18 Nov 2015 00:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 101895
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.9 8.7 13.1

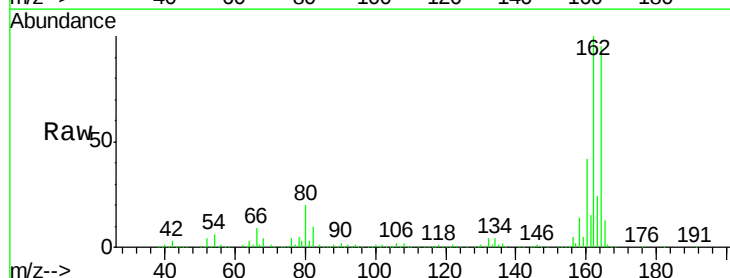


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

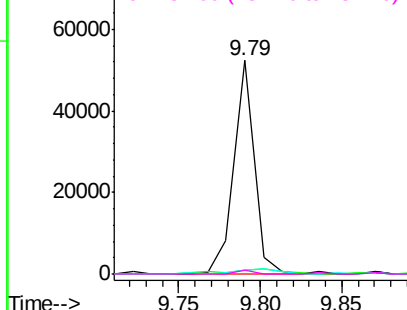
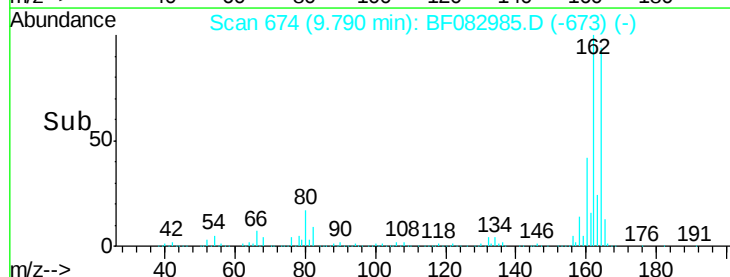


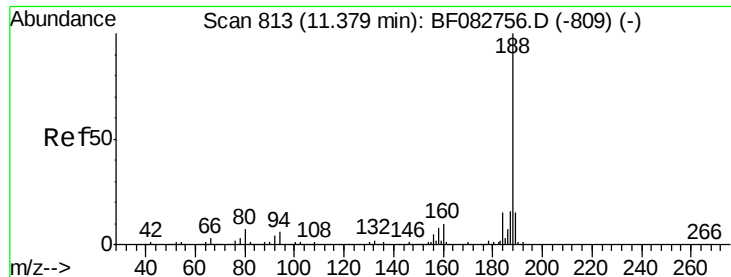
#56
2,4-Dinitrotoluene
Concen: 5.78 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.29 min
Lab File: BF082985.D
Acq: 18 Nov 2015 00:28

Tgt Ion:165 Resp: 45286
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.0#
89 2.1 70.6 106.0#
182 2.1 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

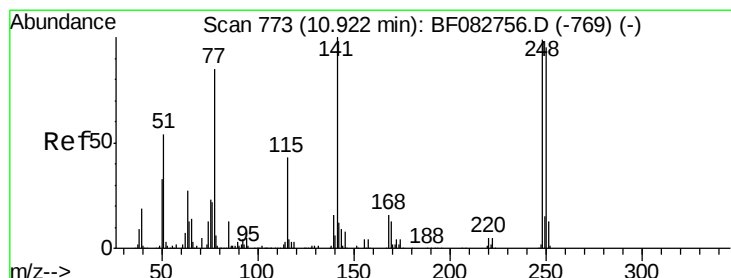
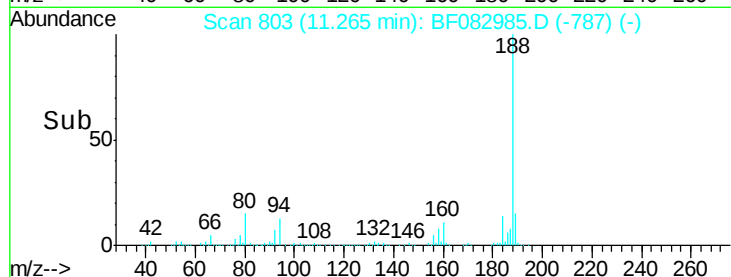
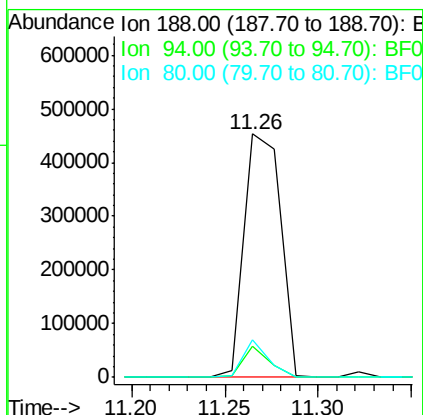
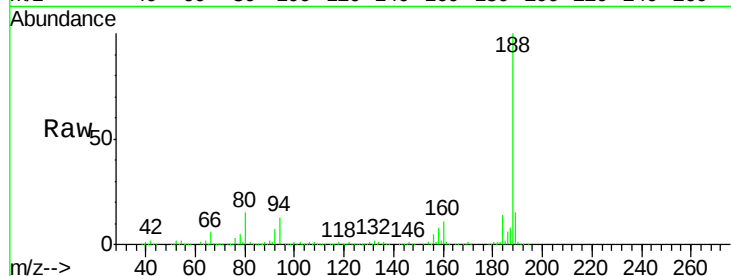




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.11 min
Lab File: BF082985.D
Acq: 18 Nov 2015 00:28

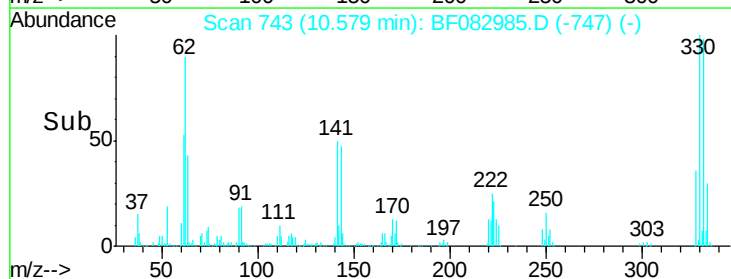
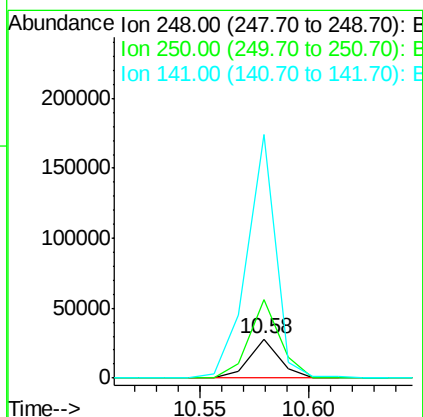
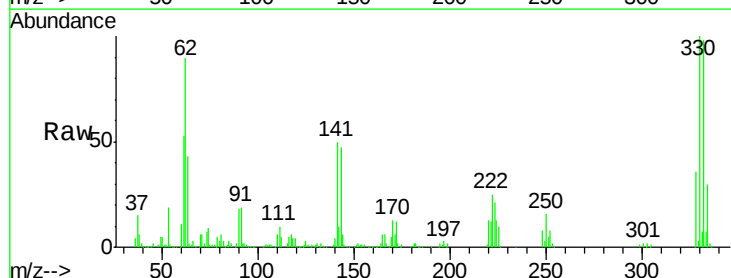
Instrument :
BNA_F
ClientSampleId :

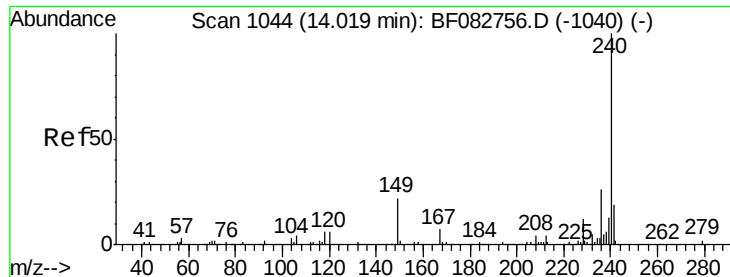
Tot Ion:188 Resp: 616146
Ion Ratio Lower Upper
188 100
94 12.9 6.1 9.1#
80 15.5 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082985.D
Acq: 18 Nov 2015 00:28

Tgt Ion:248 Resp: 27140
Ion Ratio Lower Upper
248 100
250 199.0 79.4 119.2#
141 622.1 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082985.D

Acq: 18 Nov 2015 00:28

Instrument :

BNA_F

ClientSampleId :

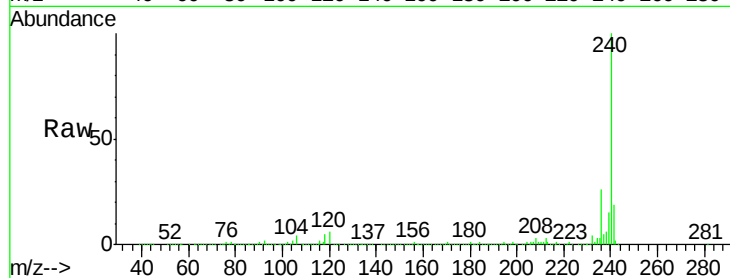
Tot Ion:240 Resp: 589614

Ion Ratio Lower Upper

240 100

120 5.7 10.9 16.3#

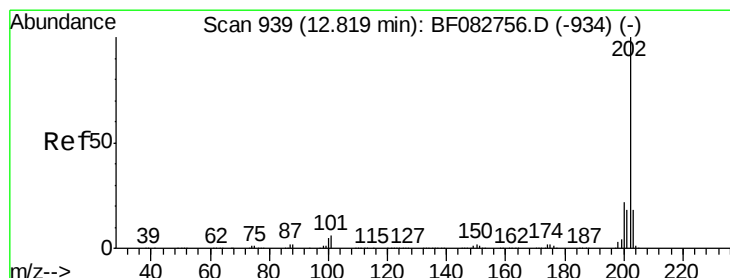
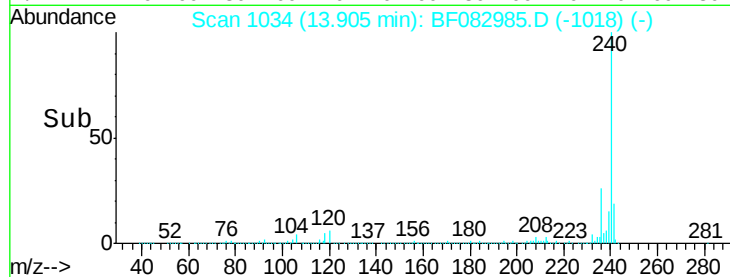
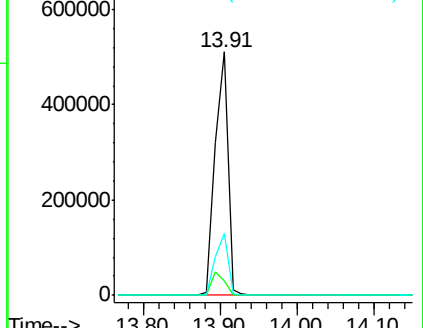
236 25.6 21.6 32.4



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



#77

Pyrene

Concen: 2.89 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.11 min

Lab File: BF082985.D

Acq: 18 Nov 2015 00:28

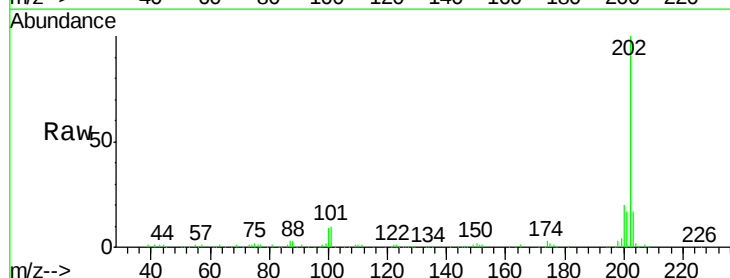
Tgt Ion:202 Resp: 116905

Ion Ratio Lower Upper

202 100

200 20.1 18.7 28.1

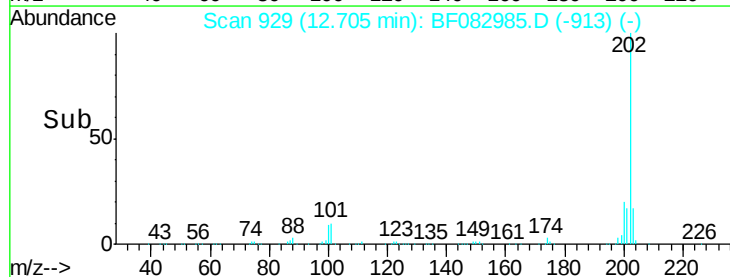
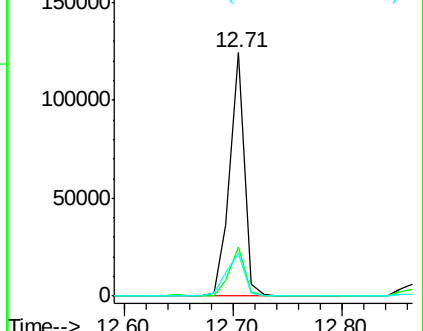
203 17.3 14.8 22.2

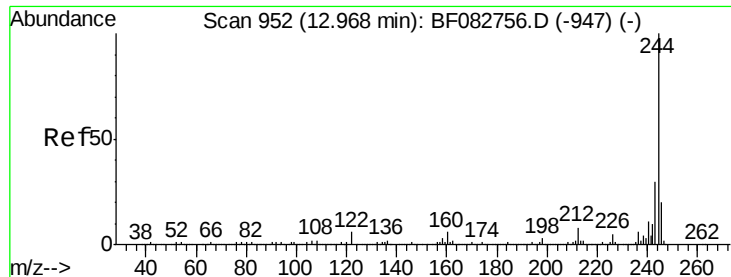


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



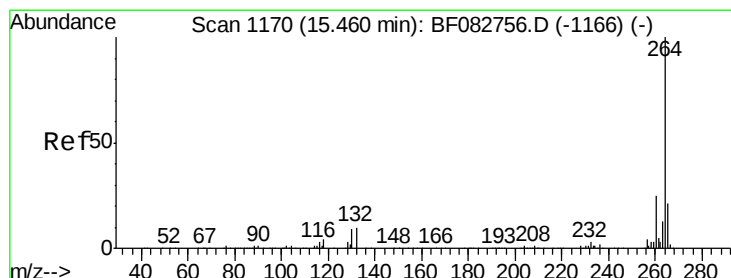
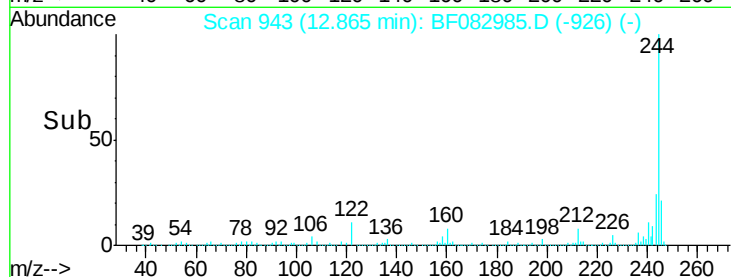
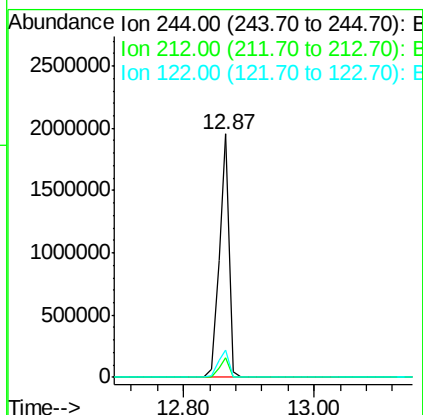
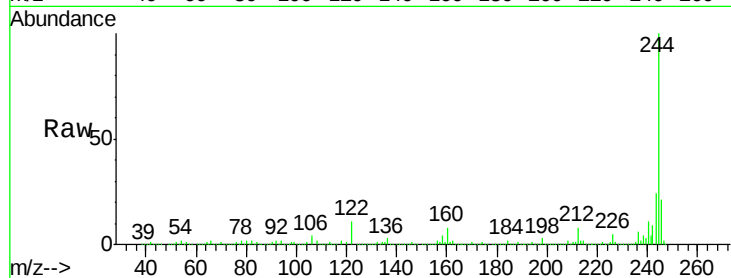


#78
 Terphenyl-d14
 Concen: 83.27 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.10 min
 Lab File: BF082985.D
 Acq: 18 Nov 2015 00:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2070018

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.6	11.4
122	11.0	11.3	16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082985.D
 Acq: 18 Nov 2015 00:28

Tgt Ion:264 Resp: 438148

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	21.7	17.4	26.0

