

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082988.D
 Acq On : 18 Nov 2015 1:56
 Operator : UM/IZ
 Sample : G4407-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:31:06 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

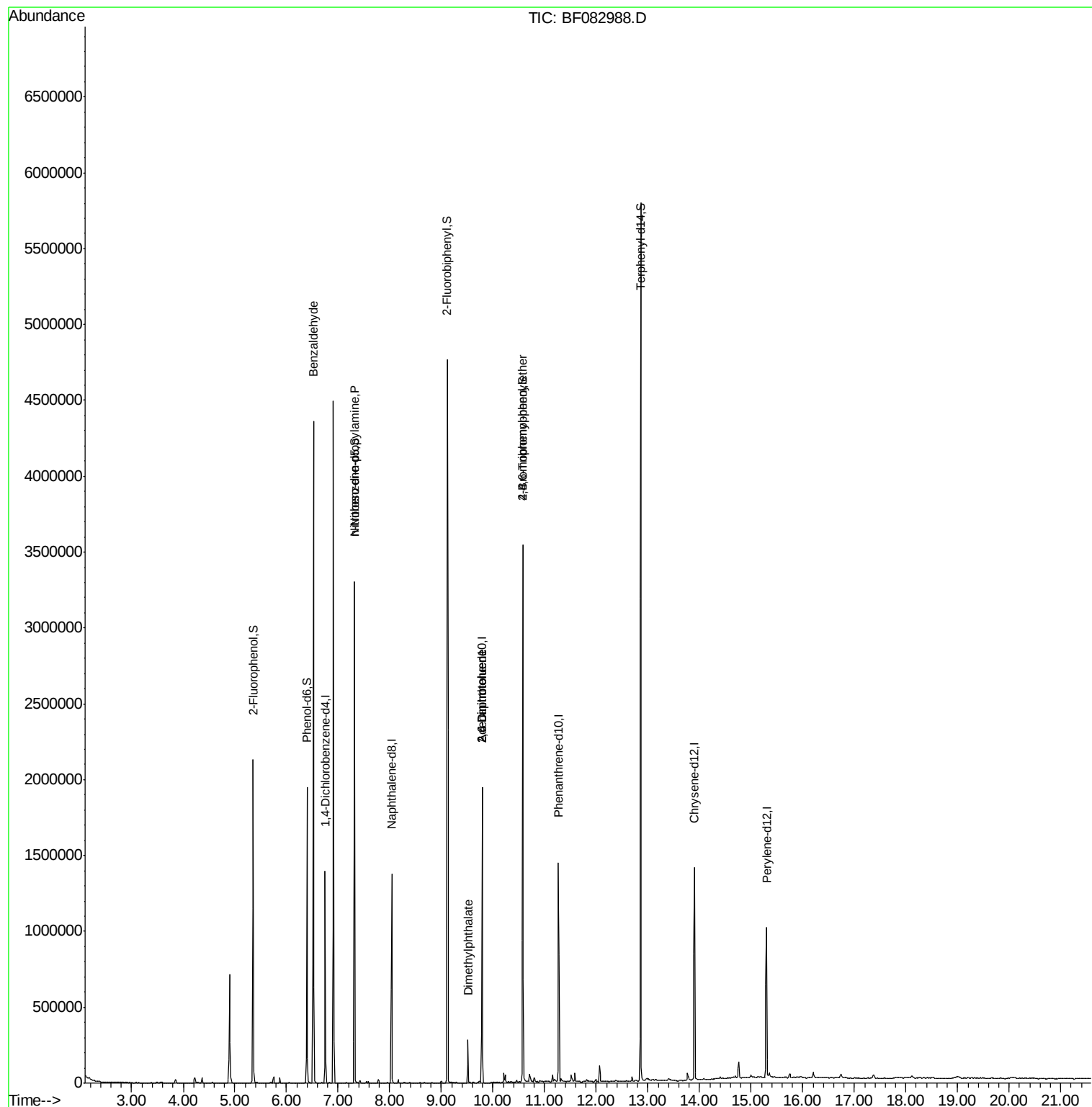
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	183103	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	680527	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	364895	20.00	ng	-0.10
63) Phenanthrene-d10	11.26	188	643676	20.00	ng	-0.11
75) Chrysene-d12	13.91	240	599228	20.00	ng	-0.11
86) Perylene-d12	15.30	264	474798	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	665746	56.57	ng	-0.09
7) Phenol-d6	6.40	99	568009	36.31	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1355695	86.68	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	404623	96.71	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1894624	74.42	ng	-0.10
78) Terphenyl-d14	12.86	244	2074296	82.10	ng	-0.10
Target Compounds						
9) Benzaldehyde	6.52	77	27433	3.17	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.32	70	179950	15.65	ng	# 68
49) Dimethylphthalate	9.52	163	131205	4.39	ng	# 97
50) 2,6-Dinitrotoluene	9.79	165	48333	7.58	ng	# 17
56) 2,4-Dinitrotoluene	9.79	165	48337	5.59	ng	# 15
66) 4-Bromophenyl-phenylether	10.58	248	27204	3.51	ng	# 1

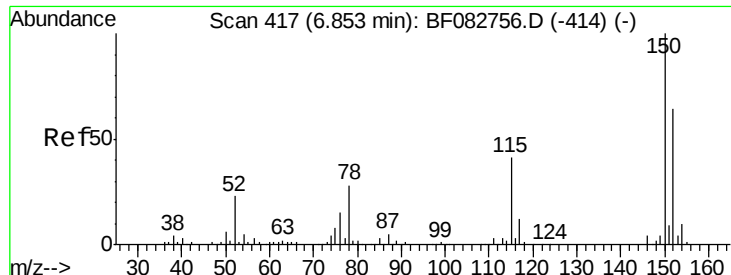
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082988.D

Acq: 18 Nov 2015 1:56

Instrument :

BNA_F

ClientSampled :

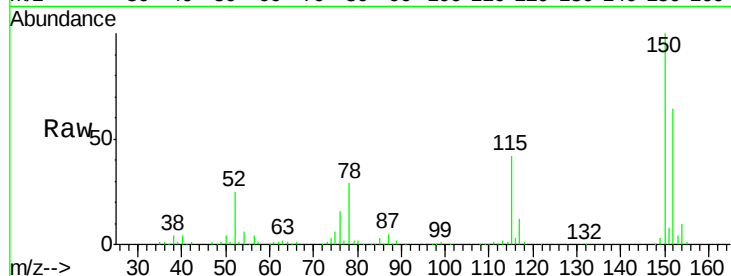
Tot Ion:152 Resp: 183103

Ion Ratio Lower Upper

152 100

150 156.2 127.0 190.4

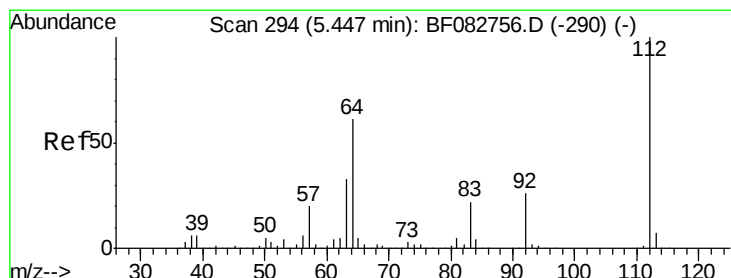
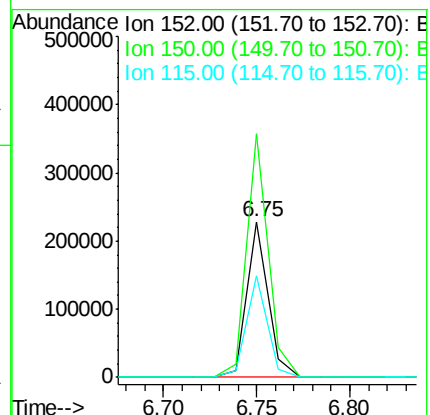
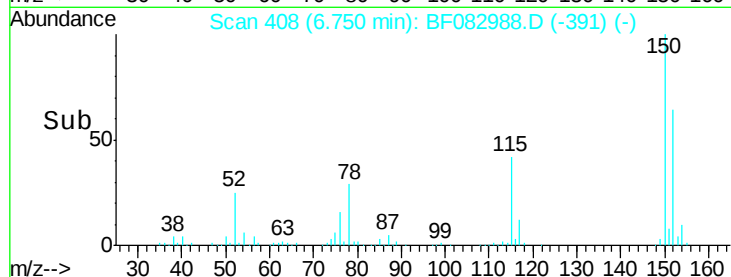
115 65.2 47.0 70.6



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: 56.57 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082988.D

Acq: 18 Nov 2015 1:56

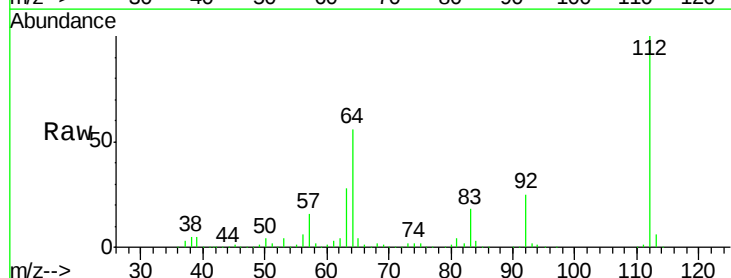
Tgt Ion:112 Resp: 665746

Ion Ratio Lower Upper

112 100

64 55.7 48.9 73.3

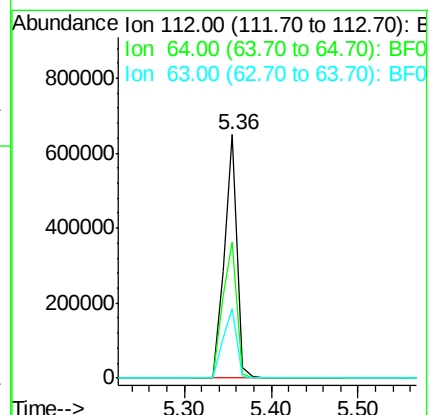
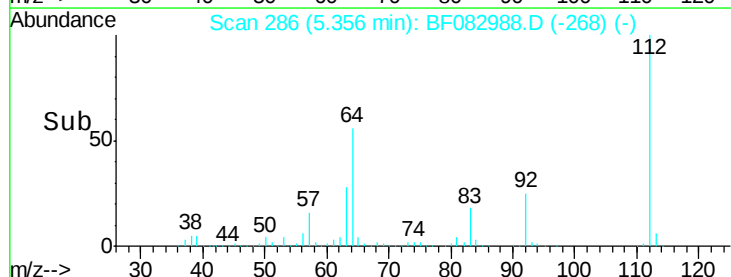
63 28.3 28.1 42.1



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: 36.31 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082988.D

Acq: 18 Nov 2015 1:56

Instrument :

BNA_F

ClientSampleId :

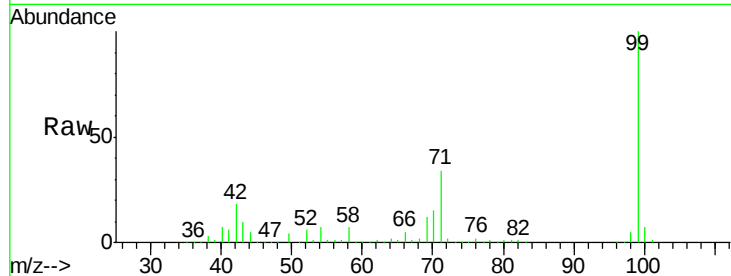
Tot Ion: 99 Resp: 568009

Ion Ratio Lower Upper

99 100

42 18.2 19.2 28.8#

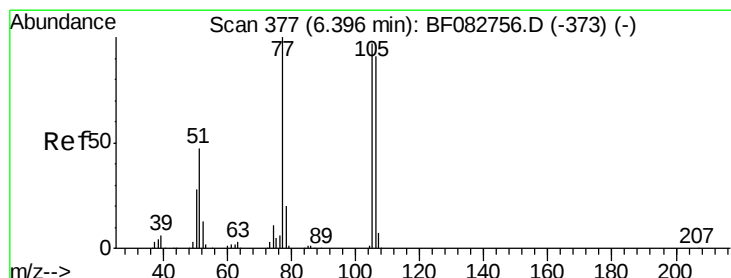
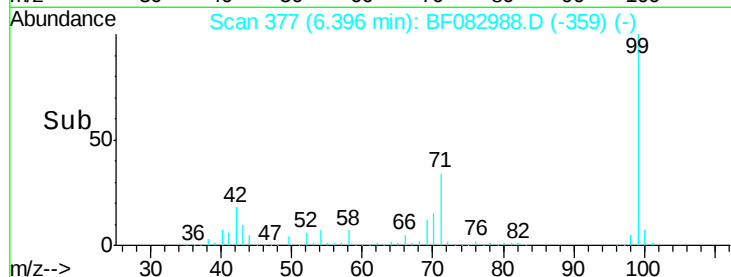
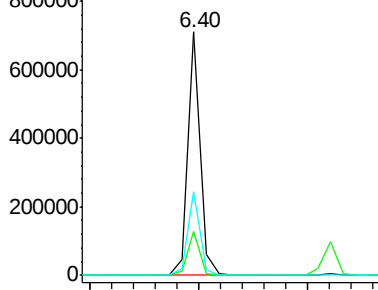
71 34.2 35.0 52.4#



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: 3.17 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.13 min

Lab File: BF082988.D

Acq: 18 Nov 2015 1:56

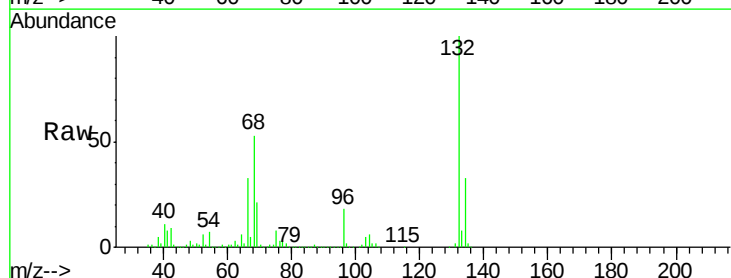
Tgt Ion: 77 Resp: 27433

Ion Ratio Lower Upper

77 100

105 75.2 63.5 103.5

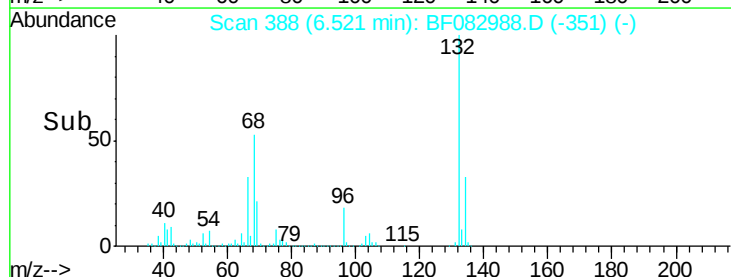
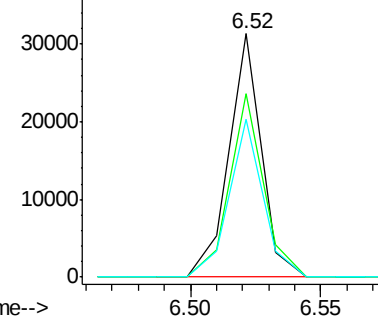
106 64.6 59.3 99.3



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

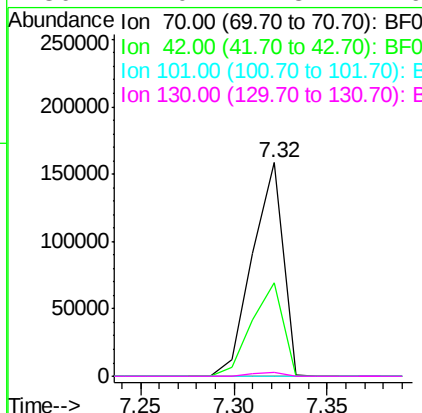
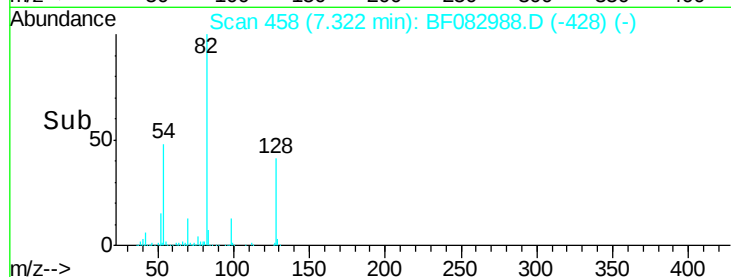
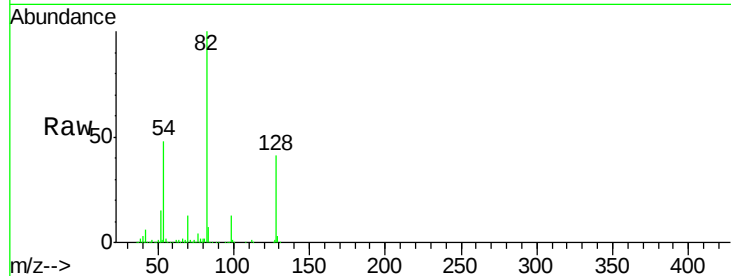




#19
n-Nitroso-di-n-propylamine
Concen: 15.65 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF082988.D
Acq: 18 Nov 2015 1:56

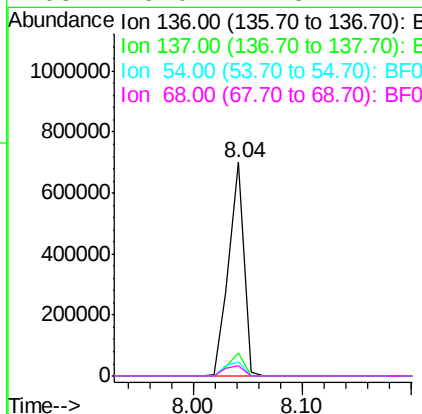
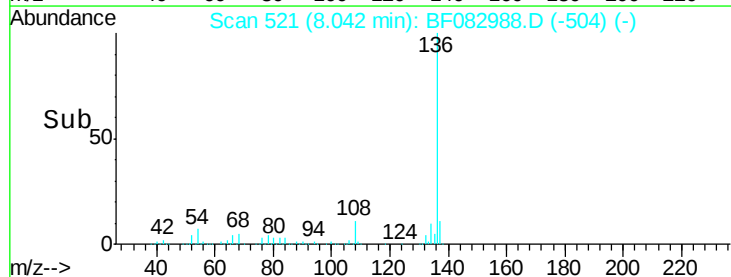
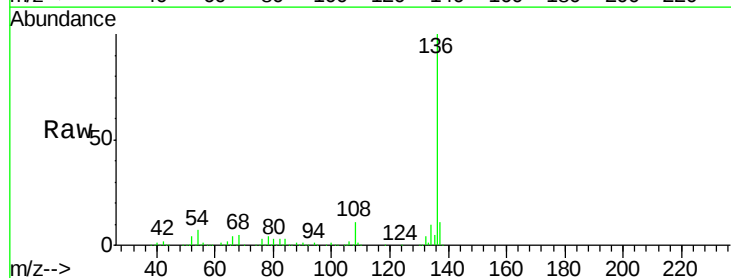
Instrument :
BNA_F
ClientSampled :

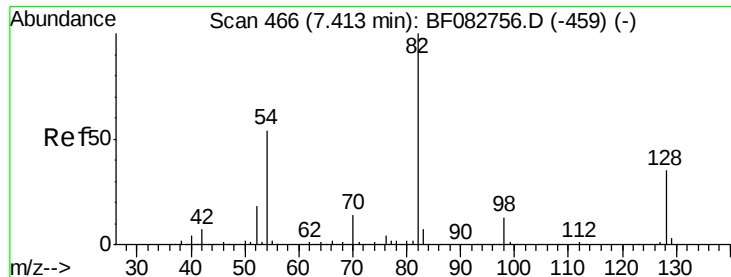
Tot Ion: 70 Resp: 179950
Ion Ratio Lower Upper
70 100
42 43.9 57.7 86.5#
101 0.0 7.0 10.6#
130 2.0 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082988.D
Acq: 18 Nov 2015 1:56

Tgt Ion: 136 Resp: 680527
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.8 9.1 13.7#
68 5.0 4.8 7.2

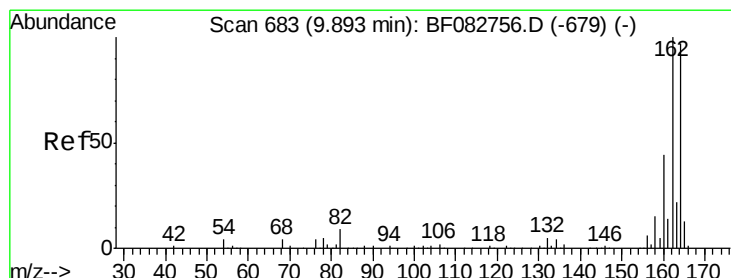
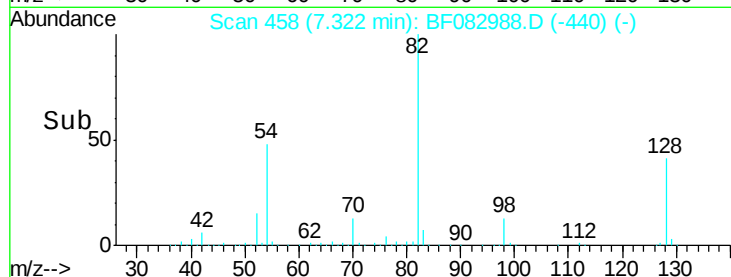
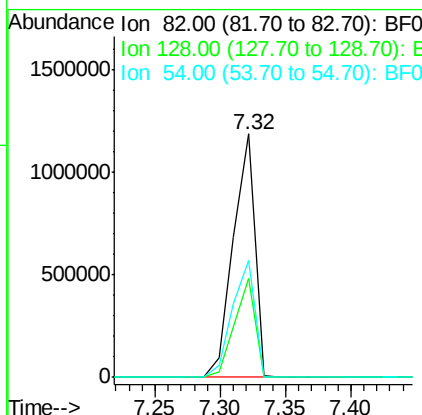
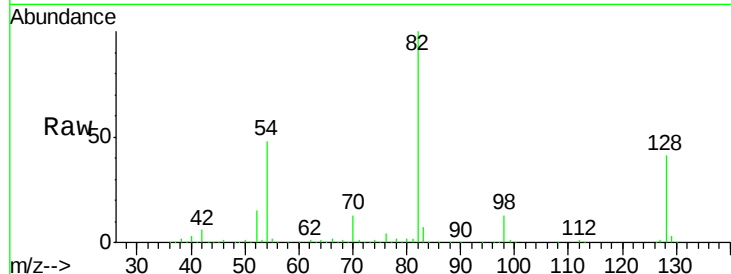




#23
 Nitrobenzene-d5
 Concen: 86.68 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082988.D
 Acq: 18 Nov 2015 1:56

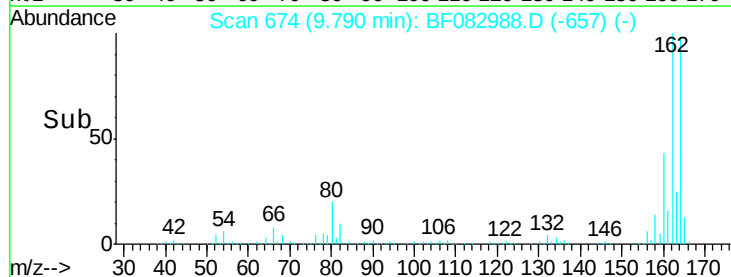
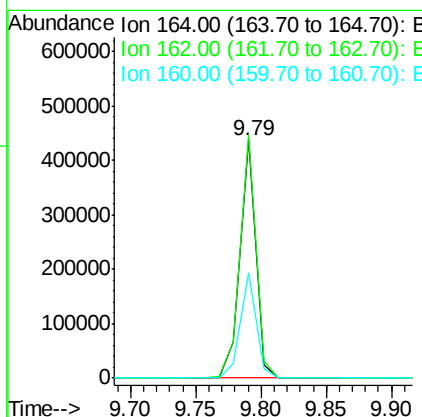
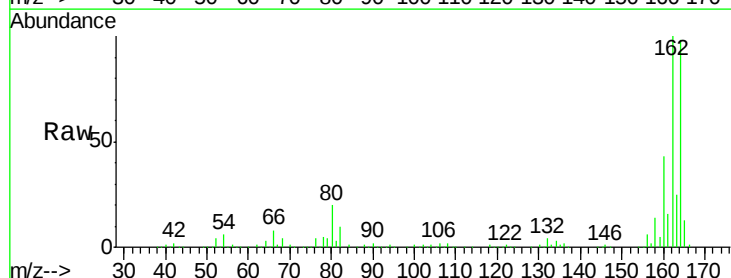
Instrument :
 BNA_F
 ClientSampleId :

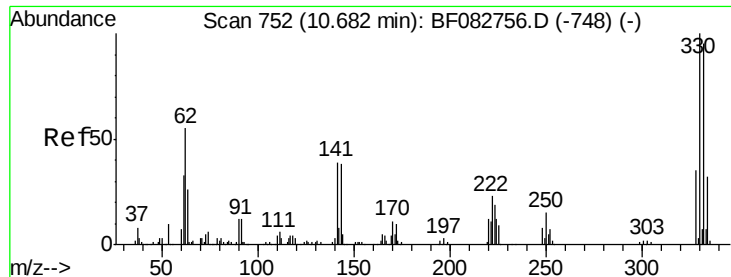
Tot Ion: 82 Resp: 1355695
 Ion Ratio Lower Upper
 82 100
 128 40.7 26.8 40.2#
 54 48.2 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082988.D
 Acq: 18 Nov 2015 1:56

Tgt Ion:164 Resp: 364895
 Ion Ratio Lower Upper
 164 100
 162 102.1 84.9 127.3
 160 44.0 37.5 56.3

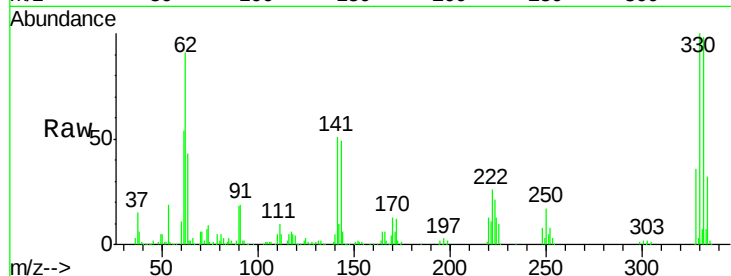




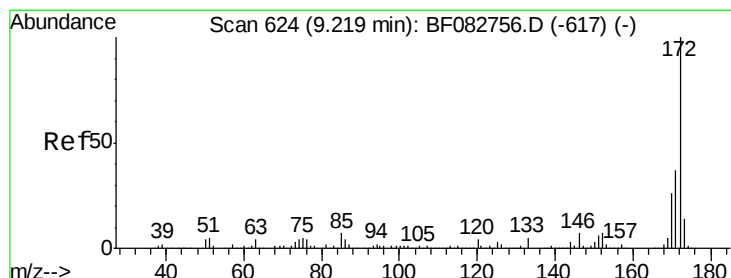
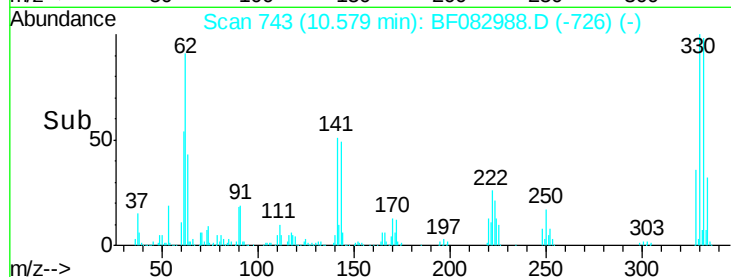
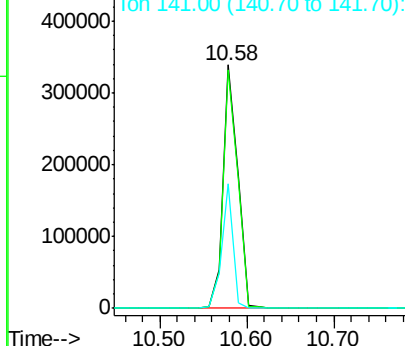
#41
 2,4,6-Tribromophenol
 Concen: 96.71 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082988.D
 Acq: 18 Nov 2015 1:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 404623
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 40.1 41.2 61.8#

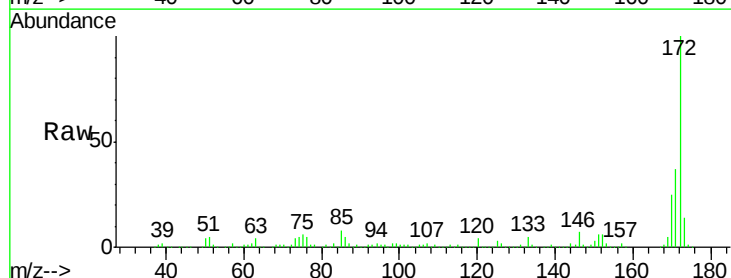


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

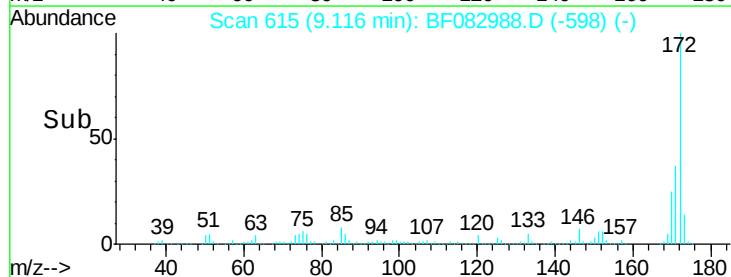
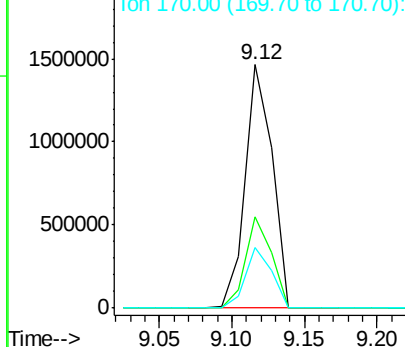


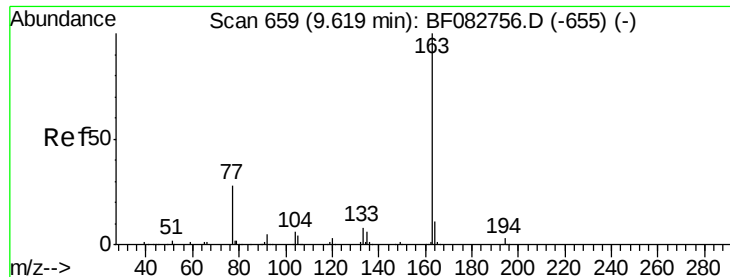
#44
 2-Fluorobiphenyl
 Concen: 74.42 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082988.D
 Acq: 18 Nov 2015 1:56

Tgt Ion:172 Resp: 1894624
 Ion Ratio Lower Upper
 172 100
 171 37.2 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

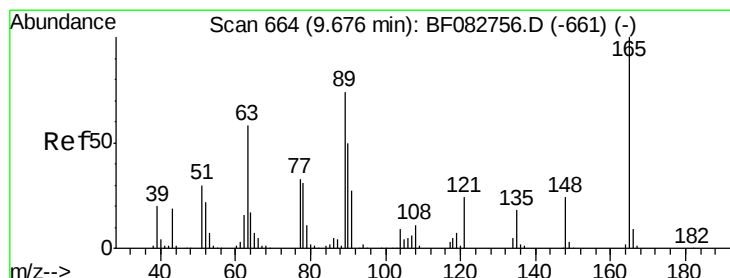
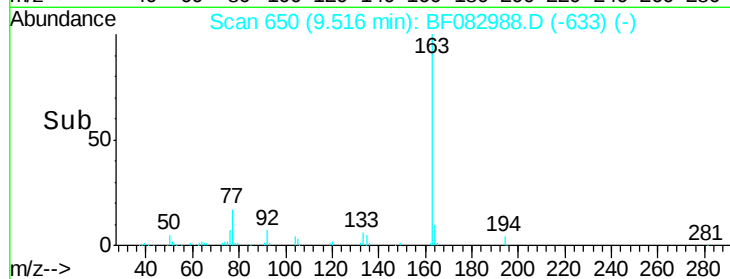
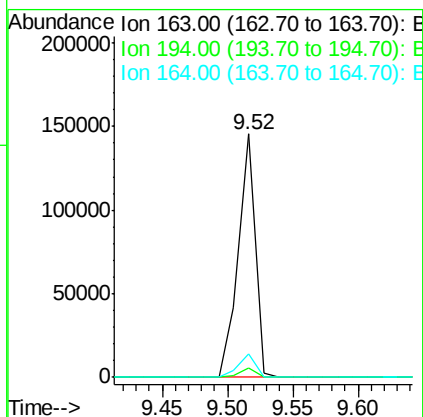
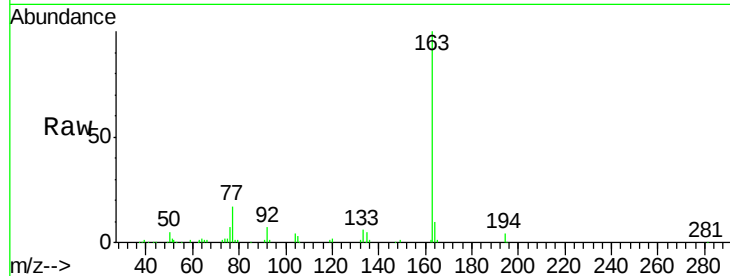




#49
Dimethylphthalate
Concen: 4.39 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.10 min
Lab File: BF082988.D
Acq: 18 Nov 2015 1:56

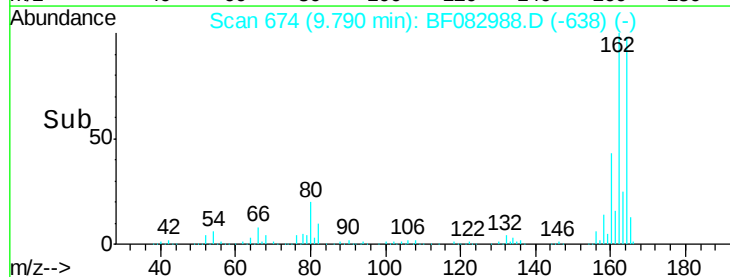
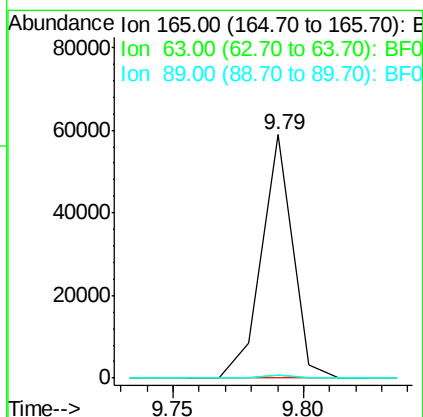
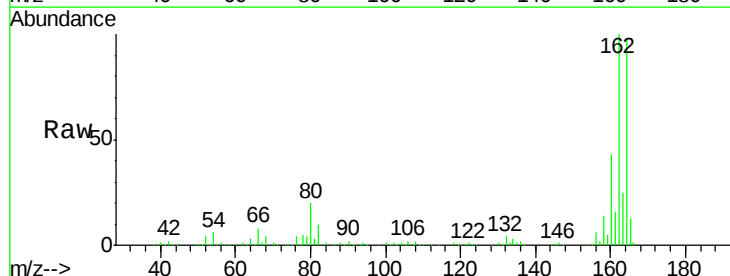
Instrument :
BNA_F
ClientSampleId :

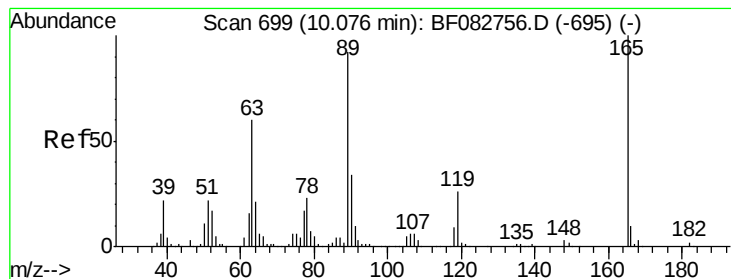
Tot Ion:163 Resp: 131205
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.7 8.7 13.1



#50
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.11 min
Lab File: BF082988.D
Acq: 18 Nov 2015 1:56

Tgt Ion:165 Resp: 48333
Ion Ratio Lower Upper
165 100
63 1.2 55.5 83.3#
89 1.3 55.0 82.6#

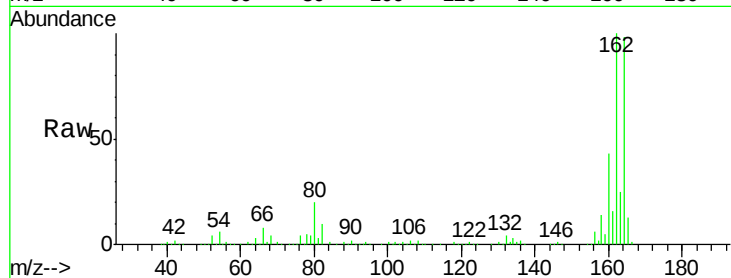




#56
 2,4-Dinitrotoluene
 Concen: 5.59 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.29 min
 Lab File: BF082988.D
 Acq: 18 Nov 2015 1:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	1.3	70.6	106.0#
182	0.0	1.5	2.3#

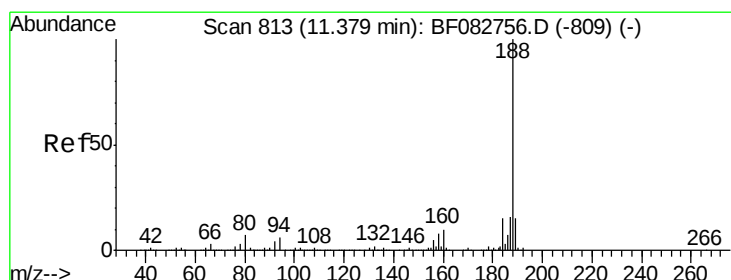
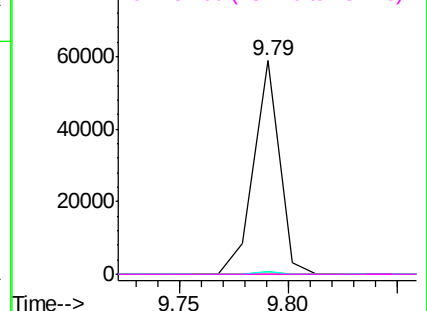
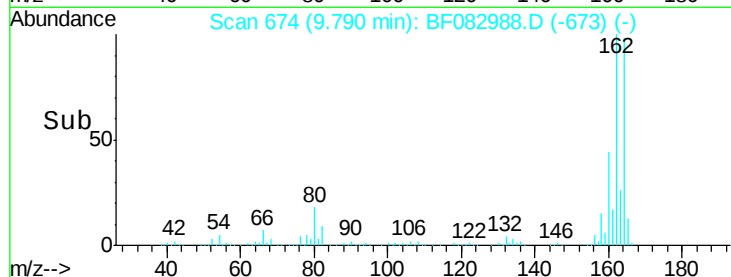


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

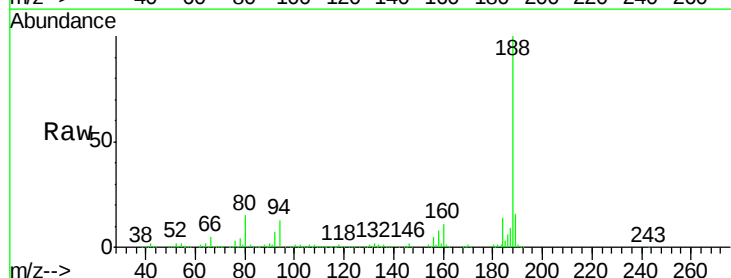
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.11 min
 Lab File: BF082988.D
 Acq: 18 Nov 2015 1:56

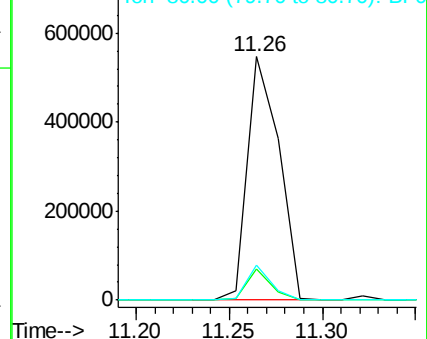
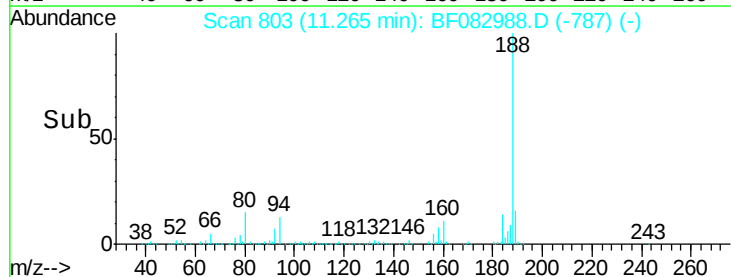
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	6.1	9.1#
80	14.5	7.0	10.6#

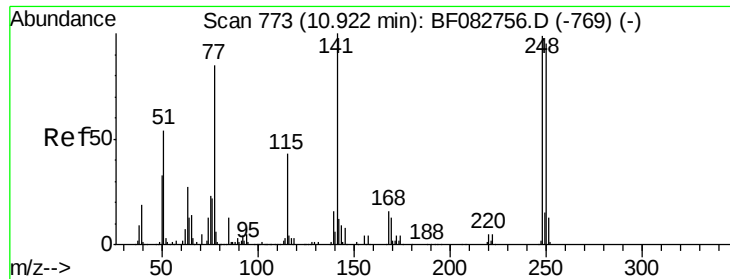


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

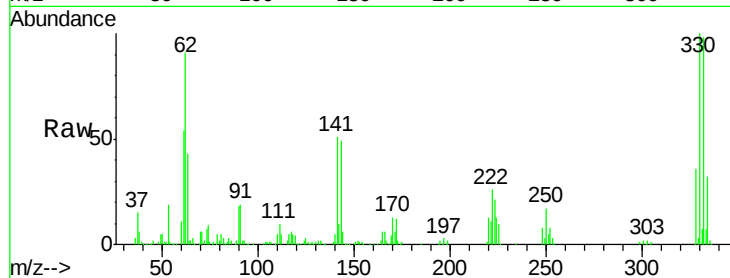




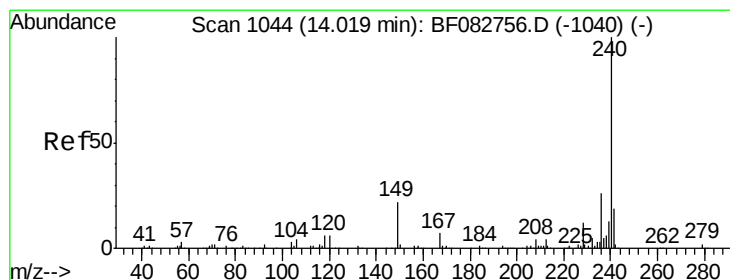
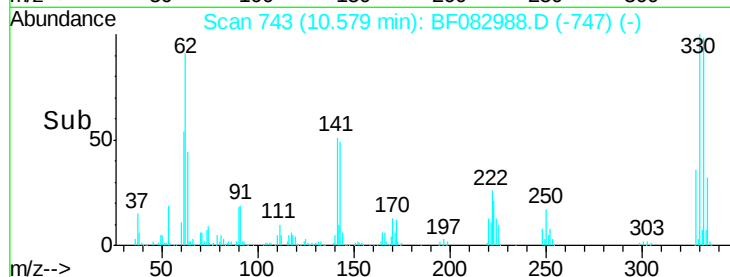
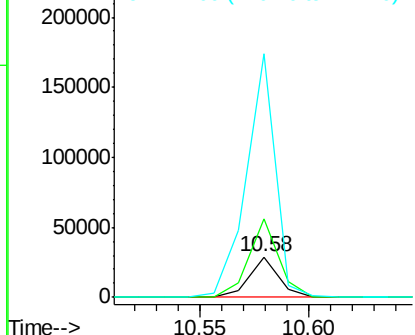
#66
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082988.D
Acq: 18 Nov 2015 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 27204
Ion Ratio Lower Upper
248 100
250 197.1 79.4 119.2#
141 607.7 36.3 54.5#

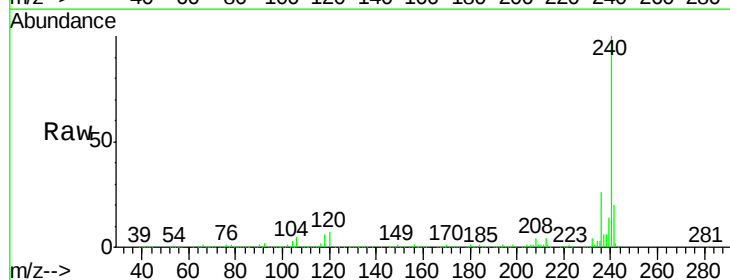


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

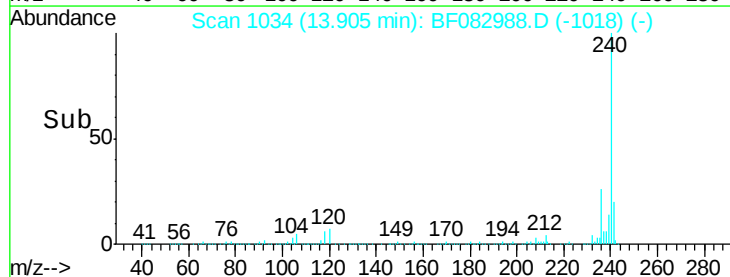
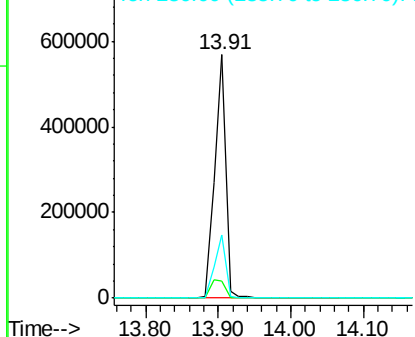


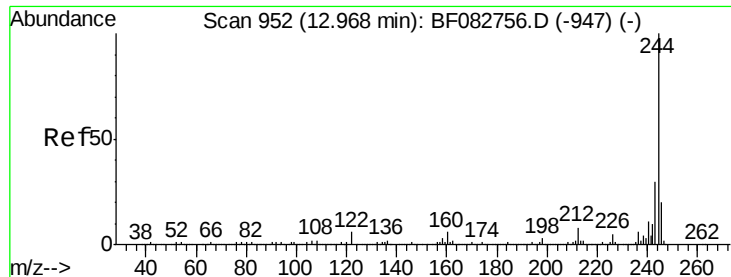
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.11 min
Lab File: BF082988.D
Acq: 18 Nov 2015 1:56

Tgt Ion:240 Resp: 599228
Ion Ratio Lower Upper
240 100
120 6.8 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: 82.10 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082988.D

Acq: 18 Nov 2015 1:56

Instrument :

BNA_F

ClientSampled :

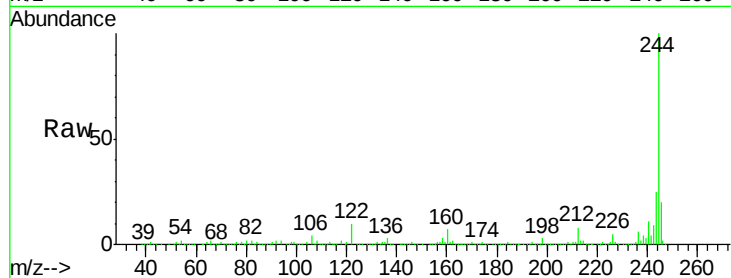
Tot Ion:244 Resp: 2074296

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

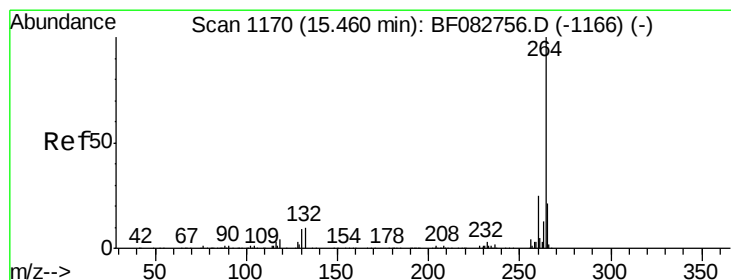
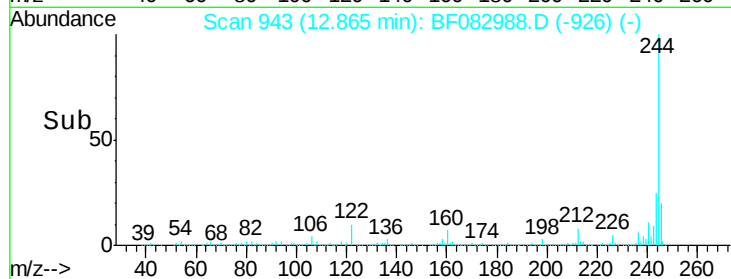
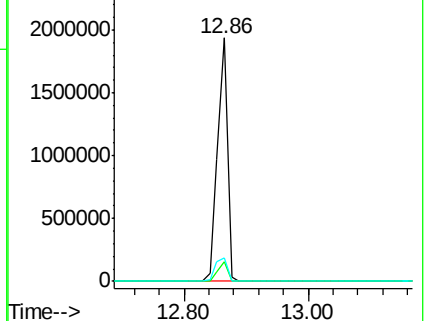
122 9.8 11.3 16.9#



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: 15.30 min Scan# 1156

Delta R.T. -0.16 min

Lab File: BF082988.D

Acq: 18 Nov 2015 1:56

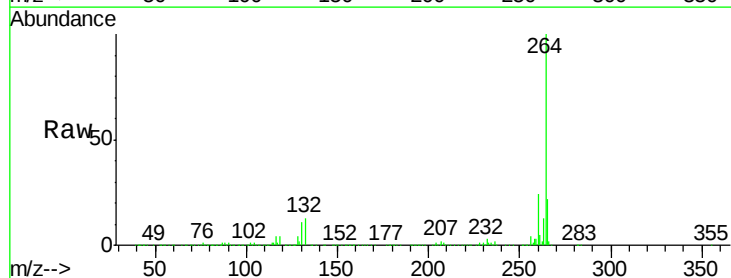
Tgt Ion:264 Resp: 474798

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.8 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

