

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082960.D
 Acq On : 17 Nov 2015 1:48
 Operator : UM/IZ
 Sample : PB86680BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BL

Quant Time: Nov 17 06:38:13 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

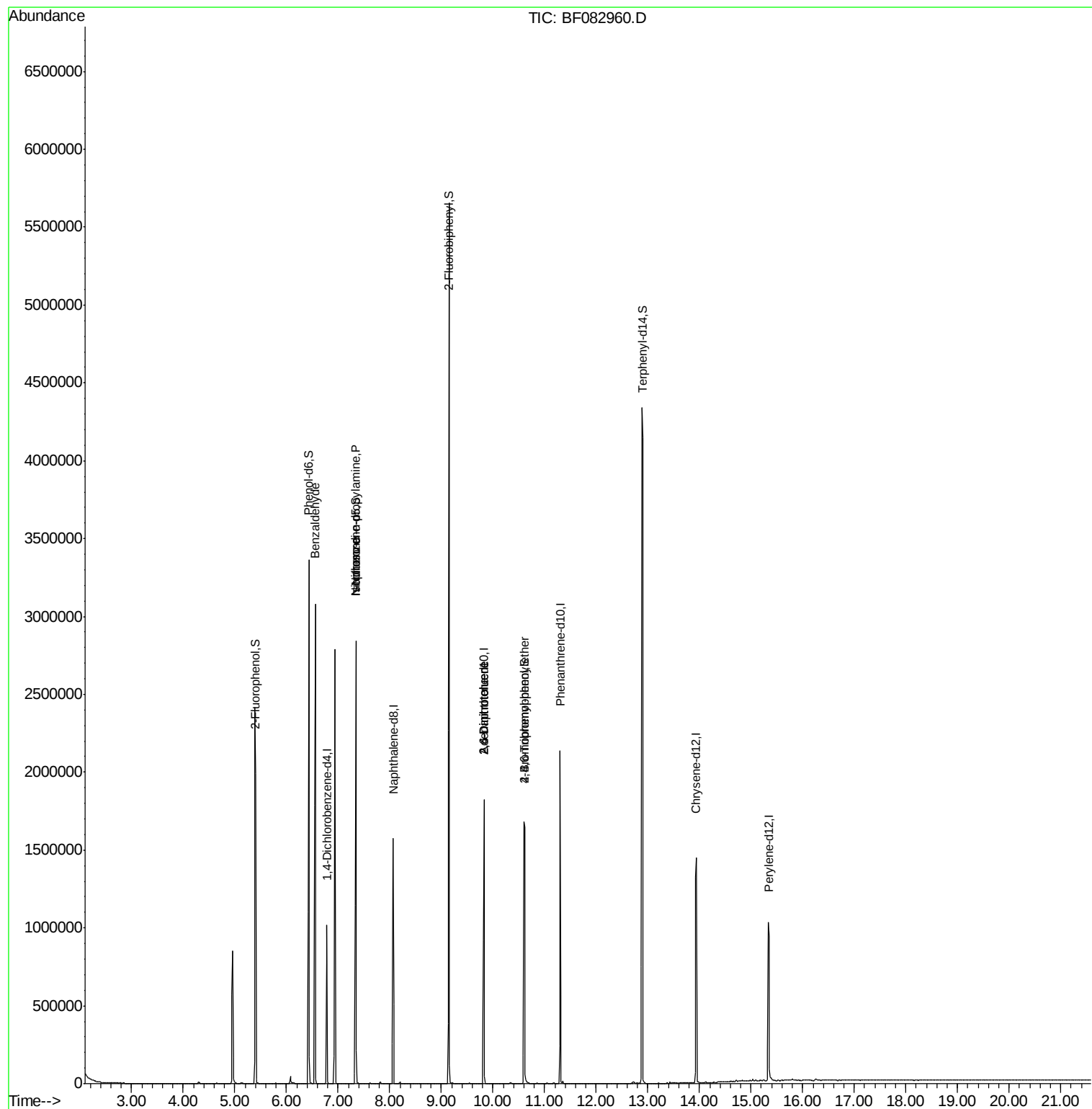
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	204494	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	767242	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	434811	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	803933	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	751684	20.00	ng	-0.08
86) Perylene-d12	15.35	264	606599	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	896724	68.23	ng	-0.05
7) Phenol-d6	6.43	99	1119434	64.07	ng	-0.06
23) Nitrobenzene-d5	7.34	82	1043611	59.19	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	317447	63.67	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1876659	61.86	ng	-0.07
78) Terphenyl-d14	12.90	244	2146126	67.72	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	24620	2.55	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.34	70	140919	10.97	ng	# 71
25) Isophorone	7.34	82	1027574	31.50	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	55454	7.30	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	55458	5.38	ng	# 15
66) 4-Bromophenyl-phenylether	10.61	248	20899	2.16	ng	# 1

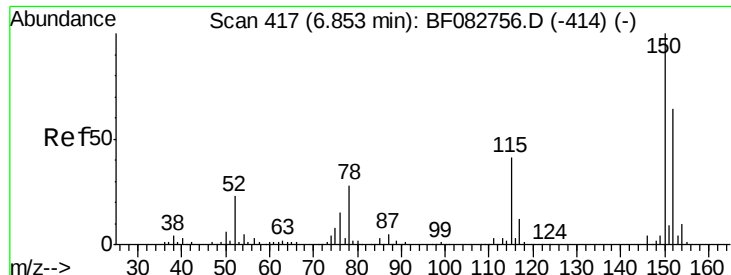
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

Instrument :

BNA_F

ClientSampleId :

PB86680BL

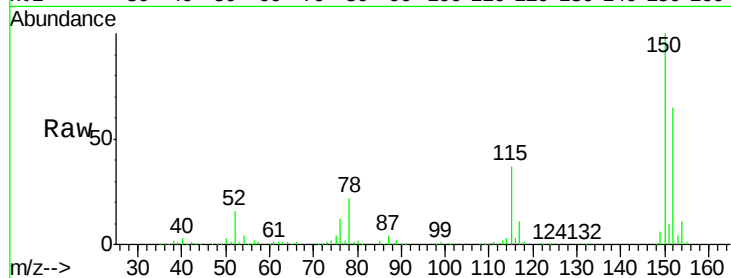
Tot Ion:152 Resp: 204494

Ion Ratio Lower Upper

152 100

150 154.0 127.0 190.4

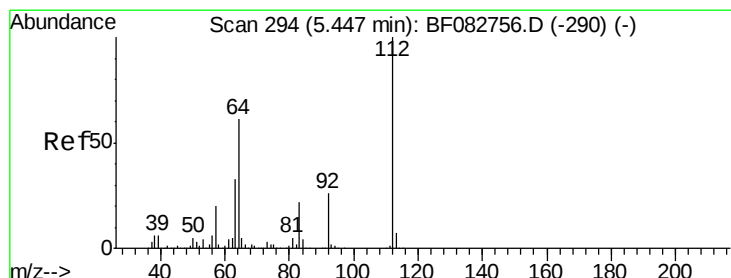
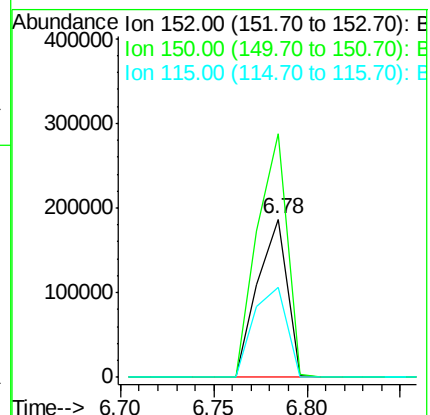
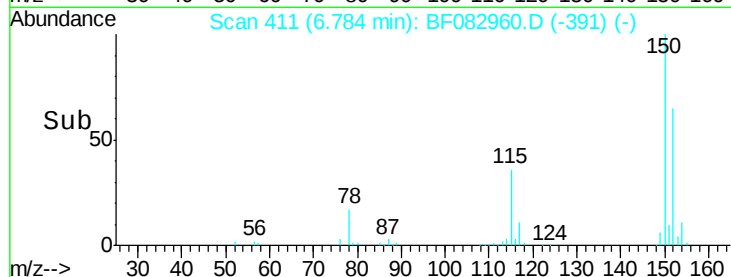
115 56.6 47.0 70.6



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: 68.23 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

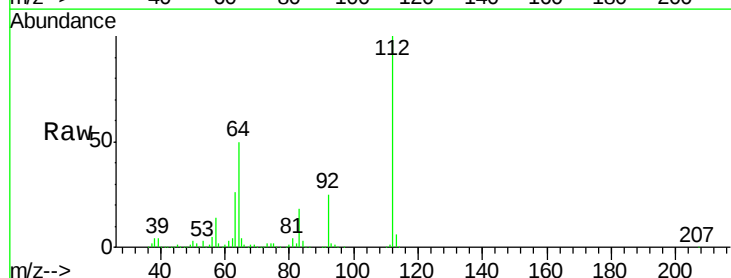
Tgt Ion:112 Resp: 896724

Ion Ratio Lower Upper

112 100

64 50.0 48.9 73.3

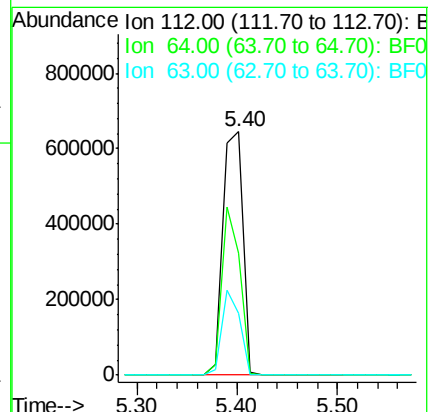
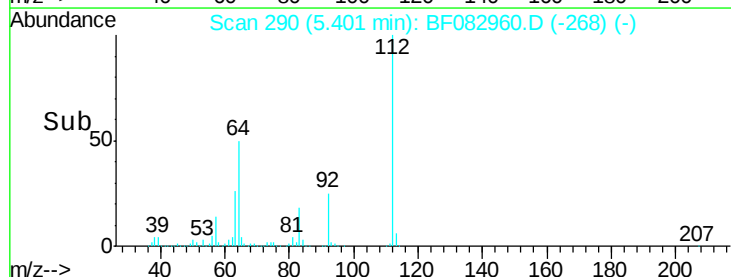
63 25.5 28.1 42.1#

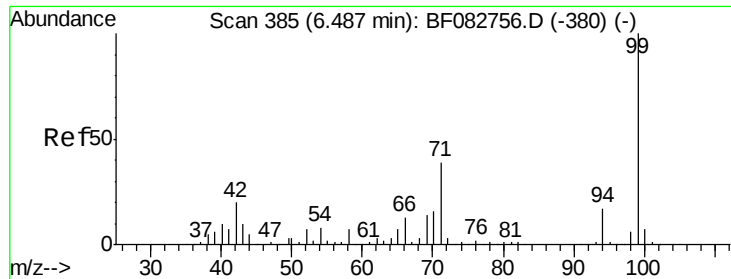


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 64.07 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

Instrument :

BNA_F

ClientSampleId :

PB86680BL

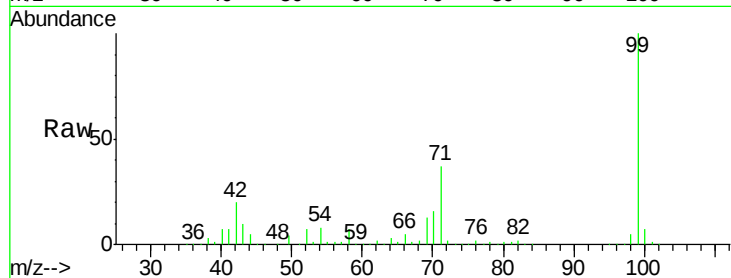
Tot Ion: 99 Resp: 1119434

Ion	Ratio	Lower	Upper
99	100		
42	20.0	19.2	28.8
71	36.7	35.0	52.4

99 100

42 20.0 19.2 28.8

71 36.7 35.0 52.4

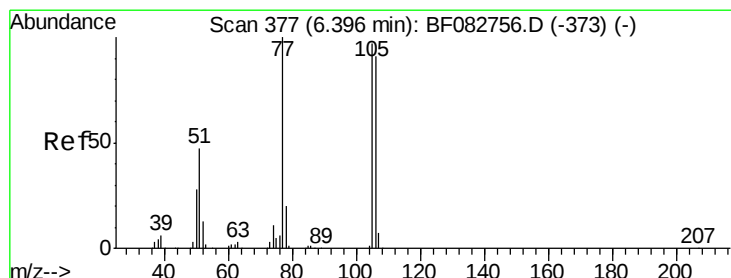
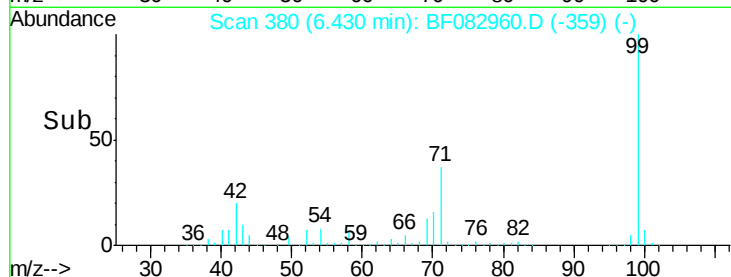
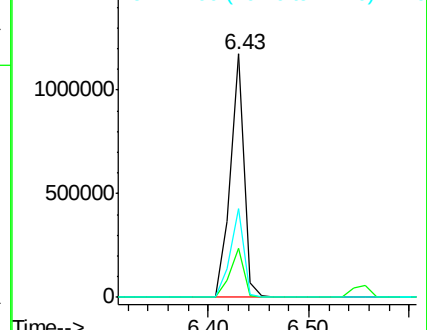


Abundance

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: 2.55 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

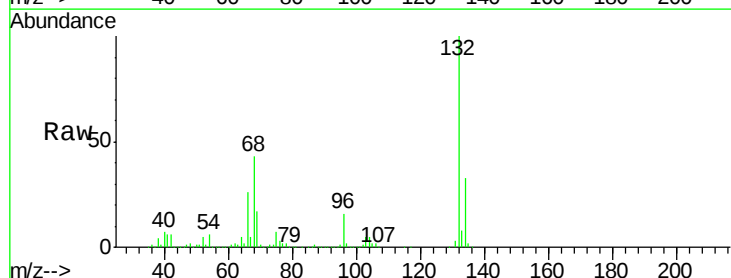
Tgt Ion: 77 Resp: 24620

Ion	Ratio	Lower	Upper
77	100		
105	80.5	63.5	103.5
106	66.2	59.3	99.3

77 100

105 80.5 63.5 103.5

106 66.2 59.3 99.3

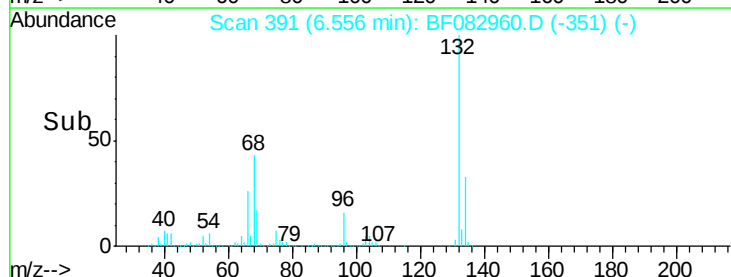
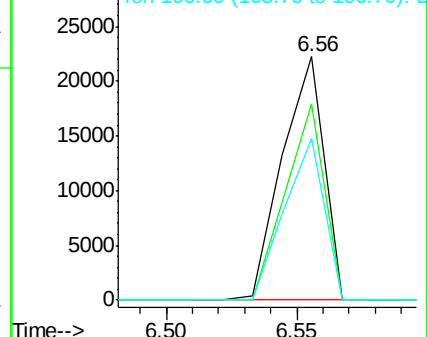


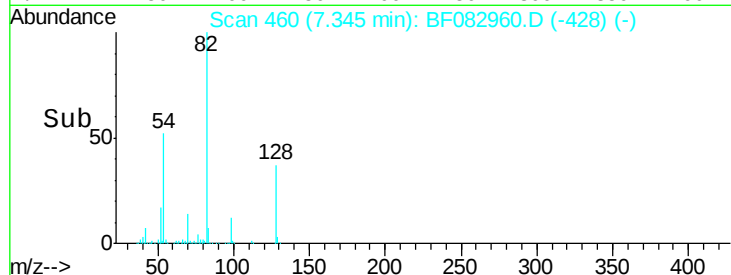
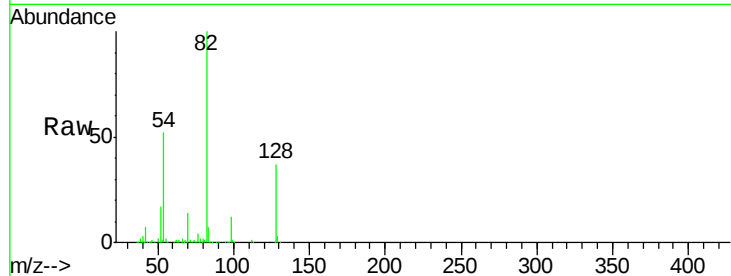
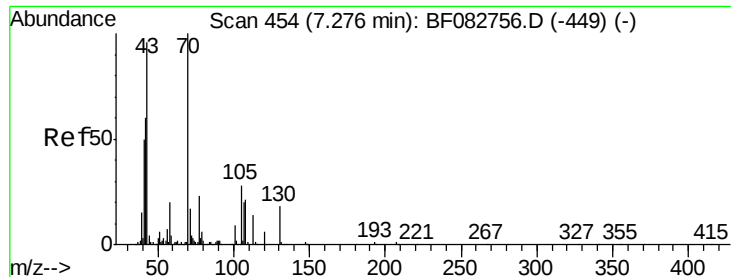
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

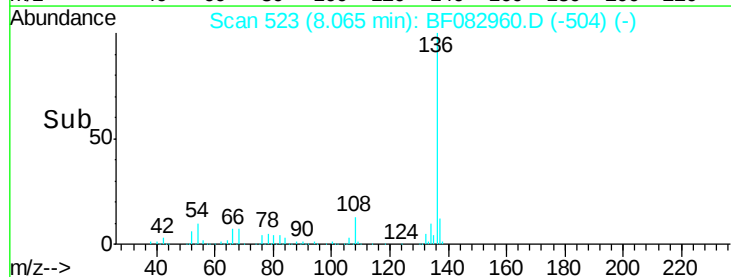
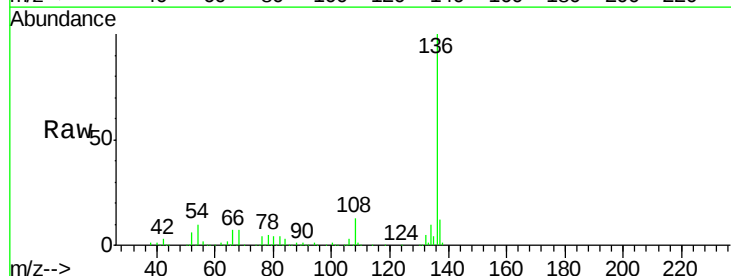
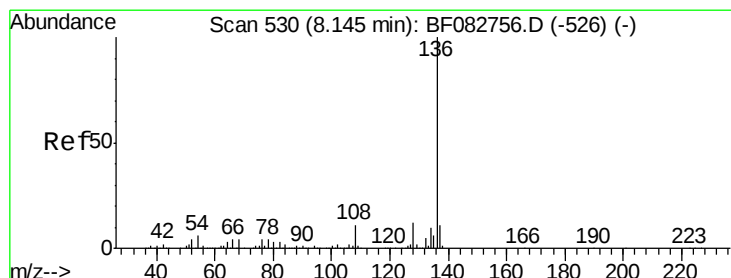
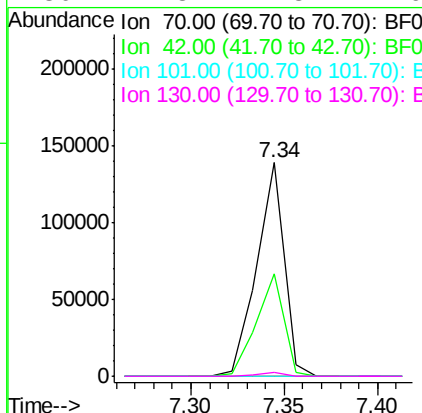




#19
n-Nitroso-di-n-propylamine
Concen: 10.97 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.07 min
Lab File: BF082960.D
Acq: 17 Nov 2015 1:48

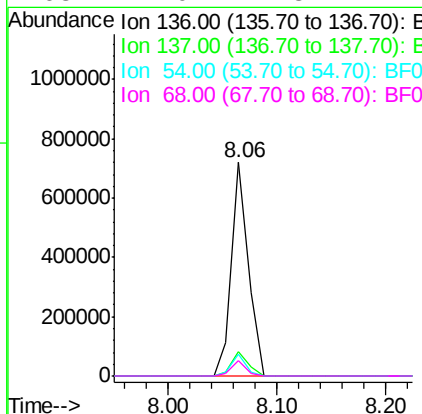
Instrument :
BNA_F
ClientSampleId :
PB86680BL

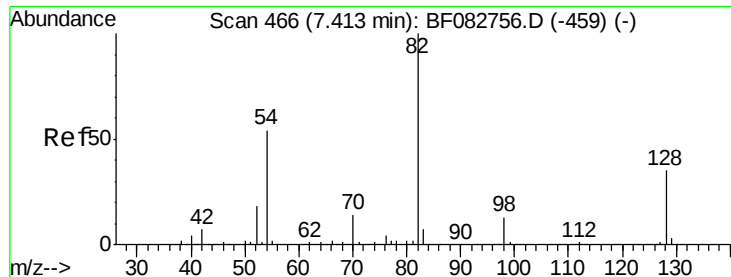
Tot Ion: 70 Resp: 140919
Ion Ratio Lower Upper
70 100
42 47.8 57.7 86.5#
101 0.0 7.0 10.6#
130 1.8 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.08 min
Lab File: BF082960.D
Acq: 17 Nov 2015 1:48

Tgt Ion: 136 Resp: 767242
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 10.4 9.1 13.7
68 7.0 4.8 7.2

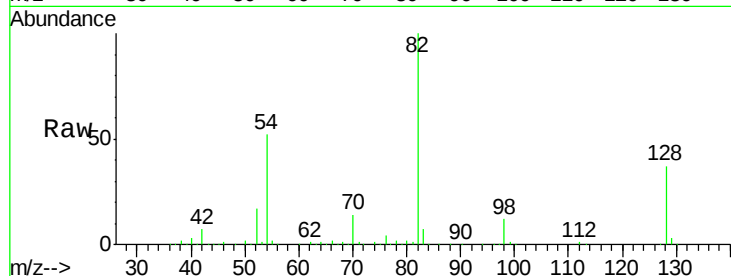




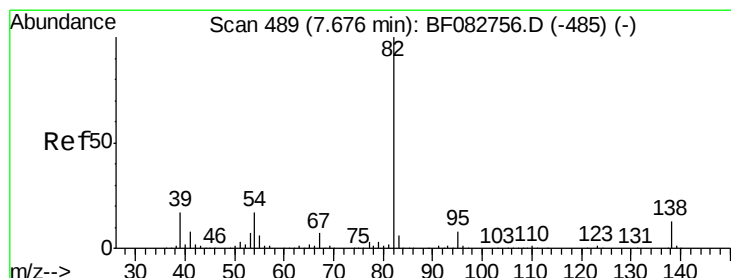
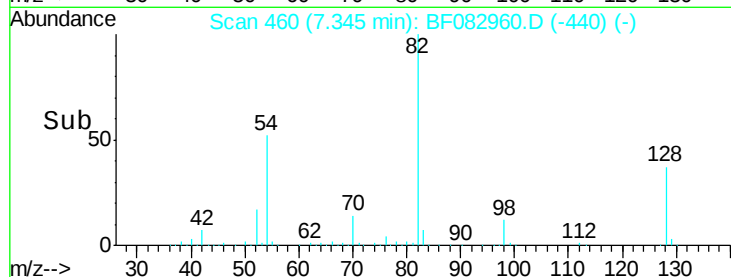
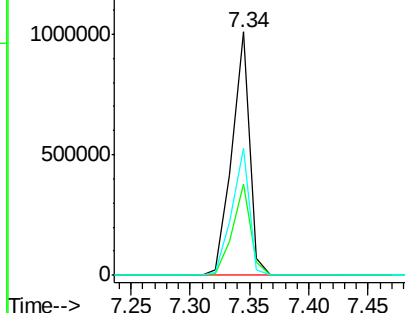
#23
 Nitrobenzene-d5
 Concen: 59.19 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082960.D
 Acq: 17 Nov 2015 1:48

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BL

Tot Ion: 82 Resp: 1043611
 Ion Ratio Lower Upper
 82 100
 128 37.3 26.8 40.2
 54 52.2 45.7 68.5

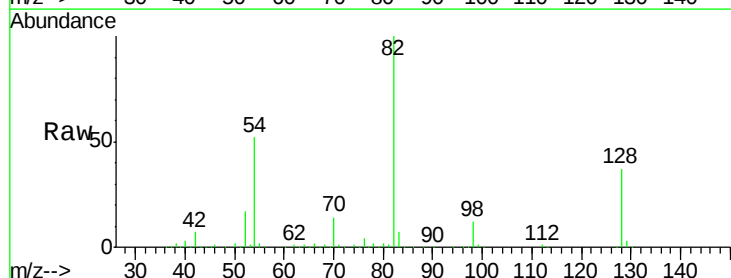


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

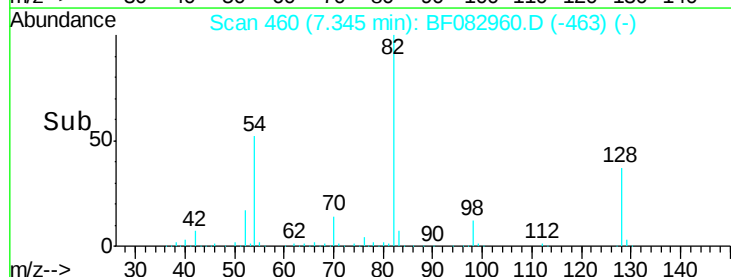
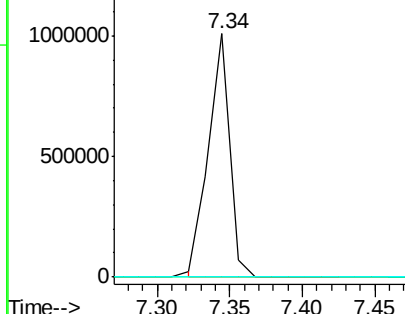


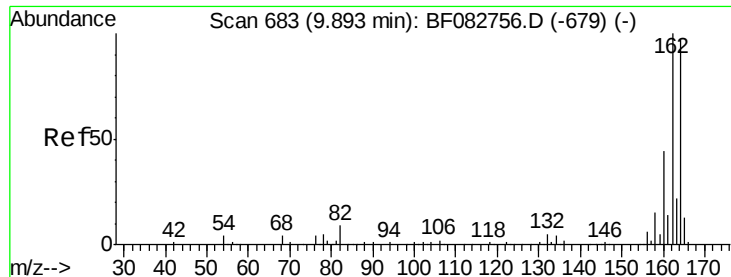
#25
 Isophorone
 Concen: 31.50 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082960.D
 Acq: 17 Nov 2015 1:48

Tgt Ion: 82 Resp: 1027574
 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: 9.82 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

Instrument :

BNA_F

ClientSampled :

PB86680BL

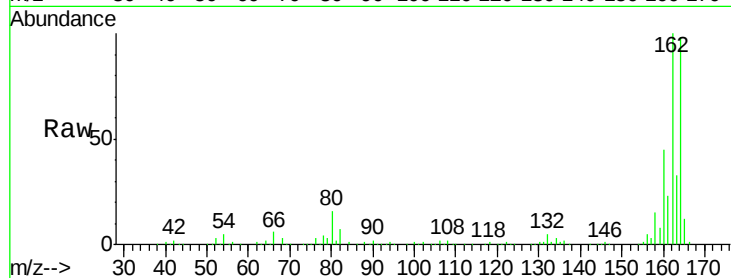
Tot Ion:164 Resp: 434811

Ion Ratio Lower Upper

164 100

162 101.6 84.9 127.3

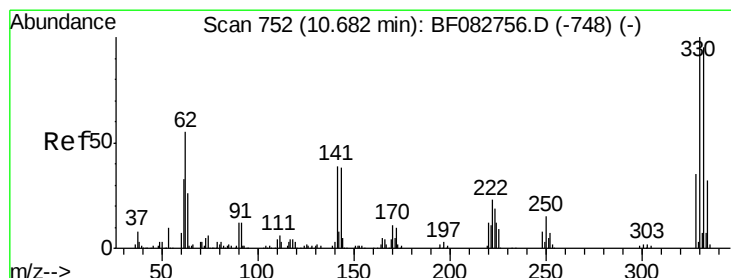
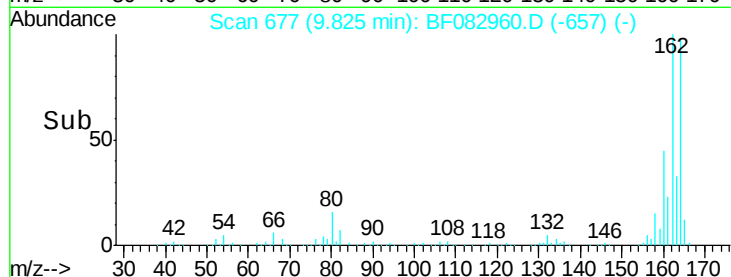
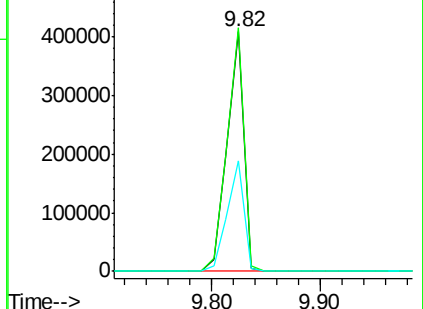
160 46.0 37.5 56.3



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: 63.67 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

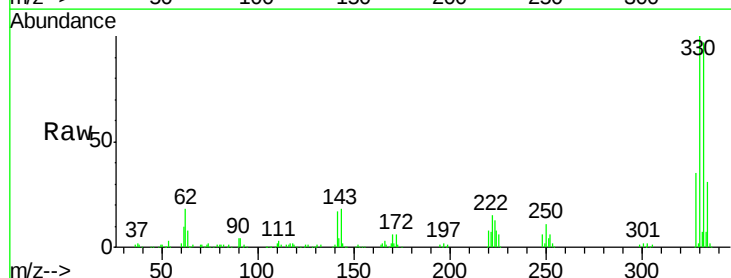
Tgt Ion:330 Resp: 317447

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

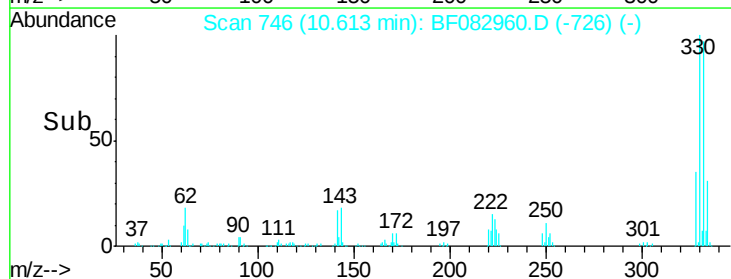
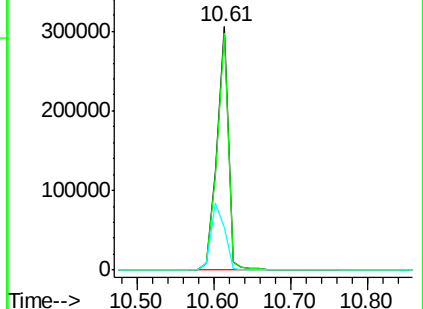
141 33.4 41.2 61.8#

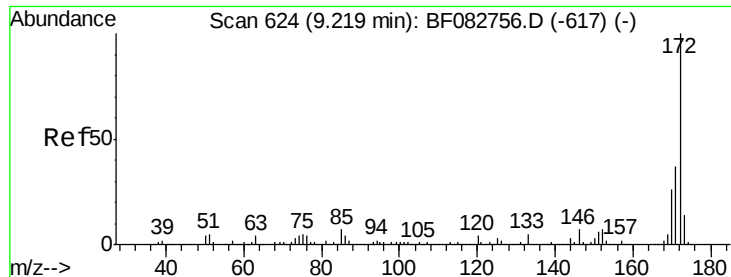


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

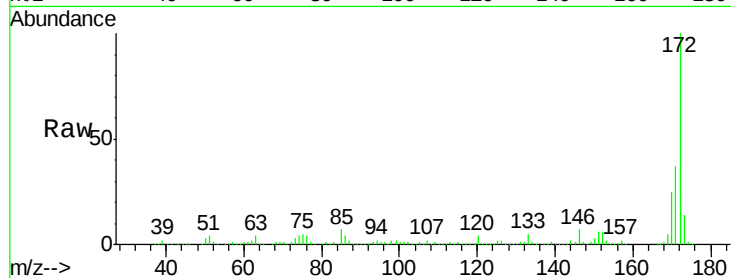




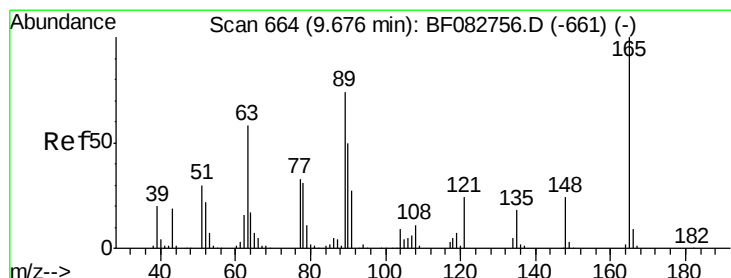
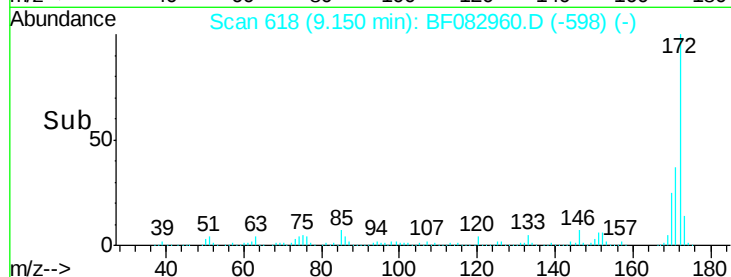
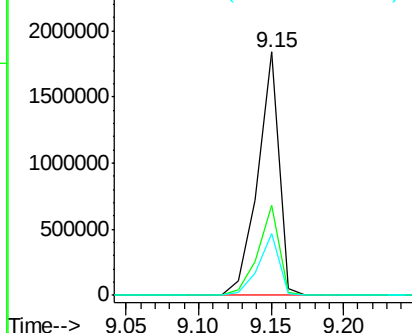
#44
 2-Fluorobiphenyl
 Concen: 61.86 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082960.D
 Acq: 17 Nov 2015 1:48

Instrument :
 BNA_F
 ClientSampleId :
 PB86680BL

Tot Ion:172 Resp: 1876659
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.3 21.2 31.8

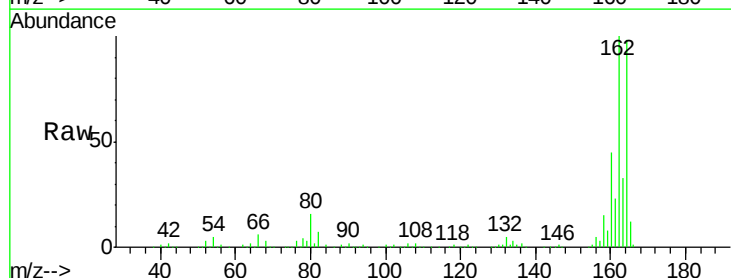


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

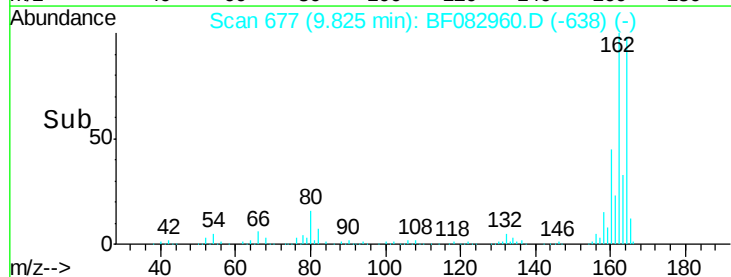
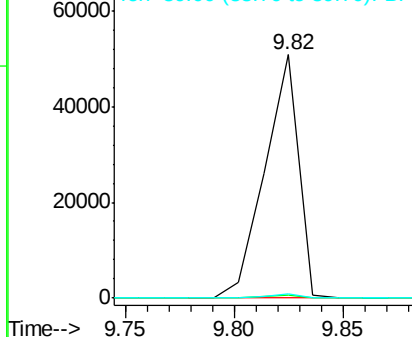


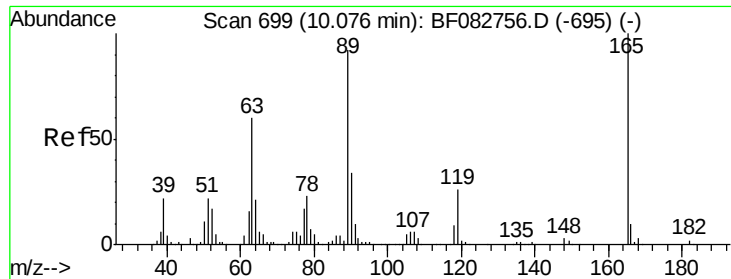
#50
 2,6-Dinitrotoluene
 Concen: 7.30 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082960.D
 Acq: 17 Nov 2015 1:48

Tgt Ion:165 Resp: 55454
 Ion Ratio Lower Upper
 165 100
 63 1.1 55.5 83.3#
 89 1.7 55.0 82.6#



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

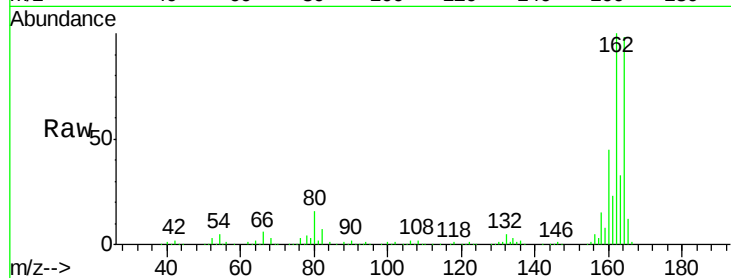




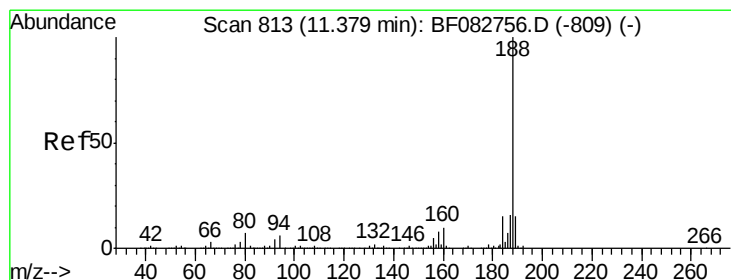
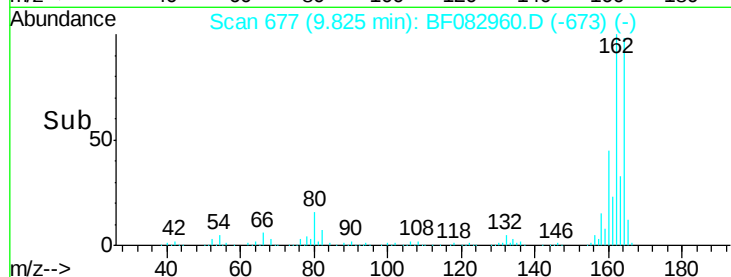
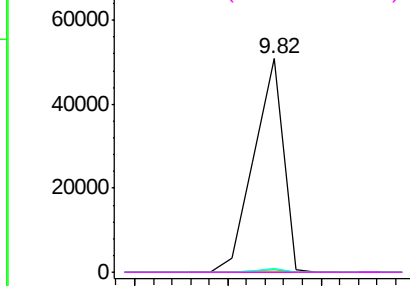
#56
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.25 min
Lab File: BF082960.D
Acq: 17 Nov 2015 1:48

Instrument :
BNA_F
ClientSampleId :
PB86680BL

Tot Ion:165	Resp:	55458
Ion Ratio	Lower	Upper
165	100	
63	1.1	43.4 65.0#
89	1.7	70.6 106.0#
182	0.0	1.5 2.3#

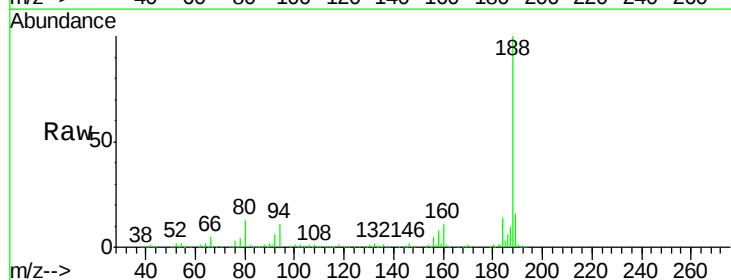


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

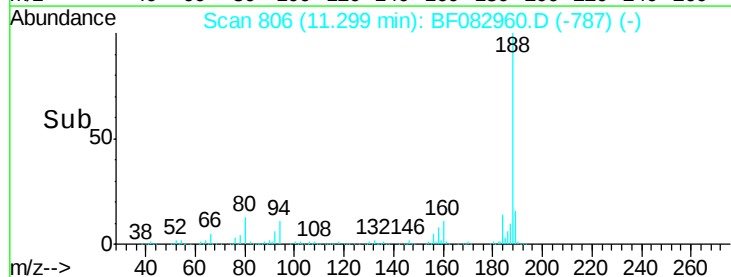
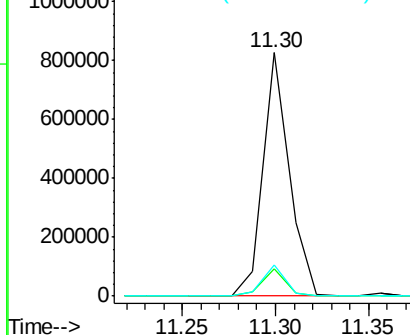


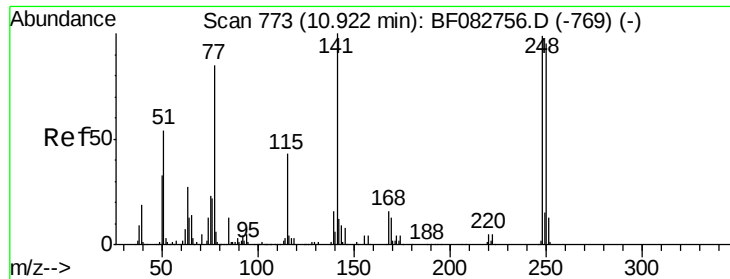
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF082960.D
Acq: 17 Nov 2015 1:48

Tgt Ion:188	Resp:	803933
Ion Ratio	Lower	Upper
188	100	
94	11.1	6.1 9.1#
80	12.7	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

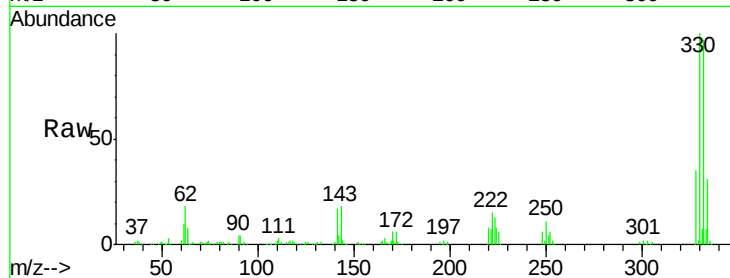




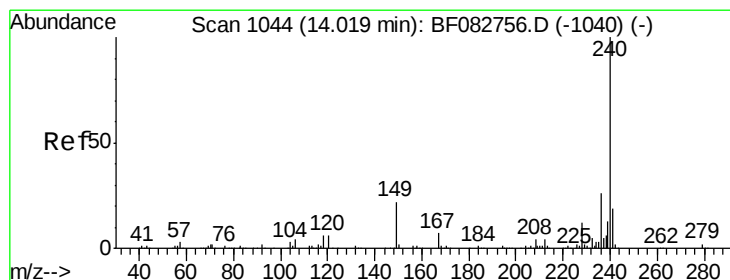
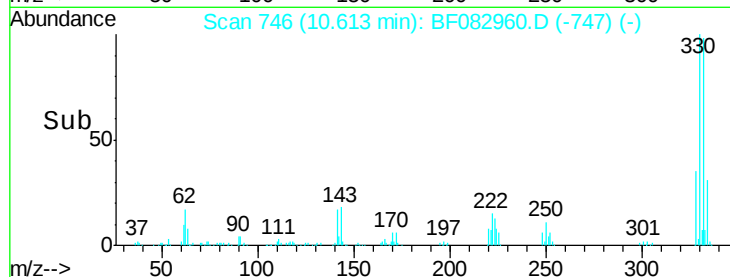
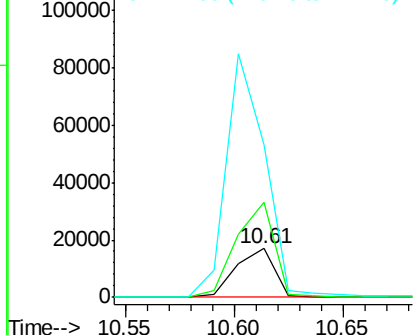
#66
 4-Bromophenyl-phenylether
 Concen: 2.16 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF082960.D
 Acq: 17 Nov 2015 1:48

Instrument :
 BNA_F
 ClientSampled :
 PB86680BL

Tot Ion:248 Resp: 20899
 Ion Ratio Lower Upper
 248 100
 250 195.7 79.4 119.2#
 141 312.6 36.3 54.5#

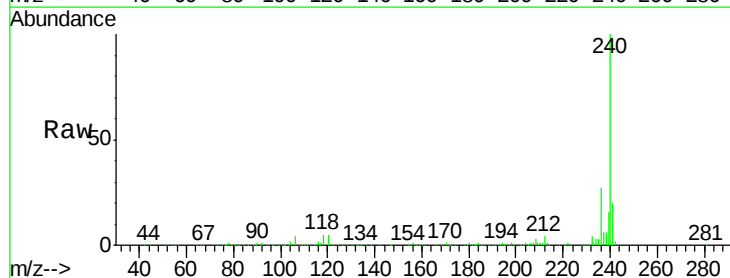


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

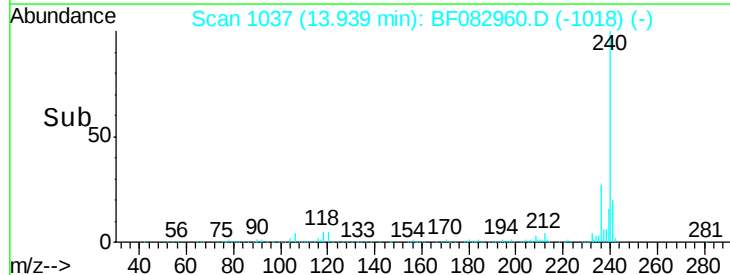
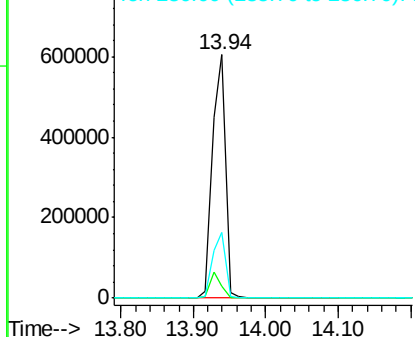


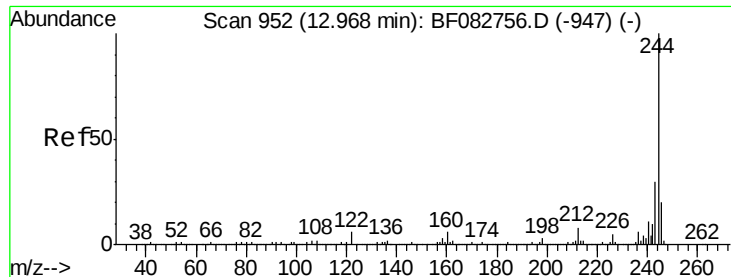
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF082960.D
 Acq: 17 Nov 2015 1:48

Tgt Ion:240 Resp: 751684
 Ion Ratio Lower Upper
 240 100
 120 5.0 10.9 16.3#
 236 26.7 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: 67.72 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

Instrument :

BNA_F

ClientSampleId :

PB86680BL

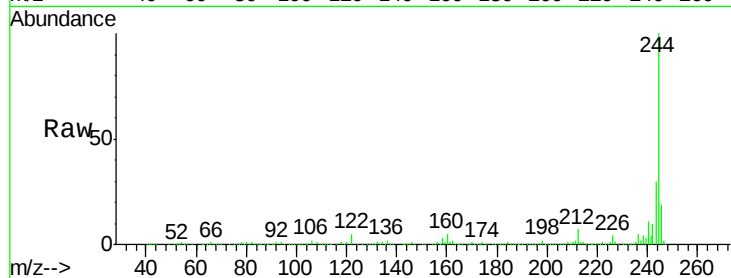
Tot Ion:244 Resp: 2146126

Ion Ratio Lower Upper

244 100

212 7.2 7.6 11.4#

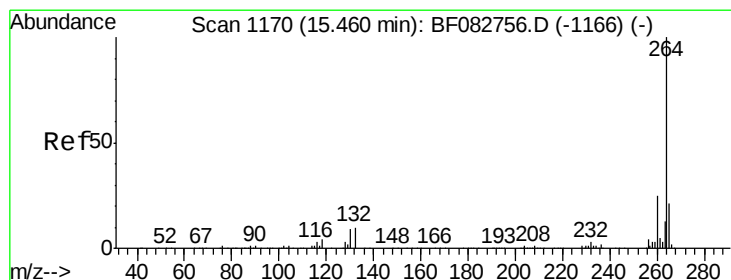
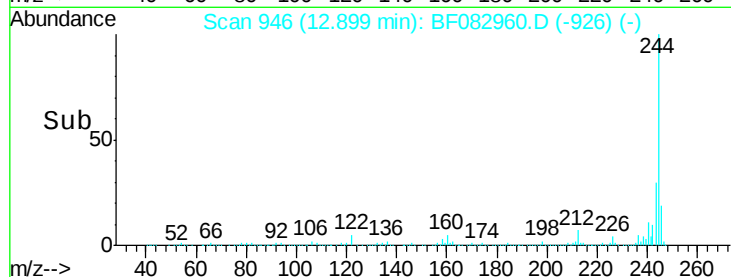
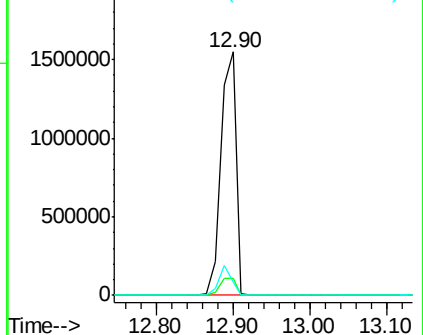
122 5.2 11.3 16.9#



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: 15.35 min Scan# 1160

Delta R.T. -0.11 min

Lab File: BF082960.D

Acq: 17 Nov 2015 1:48

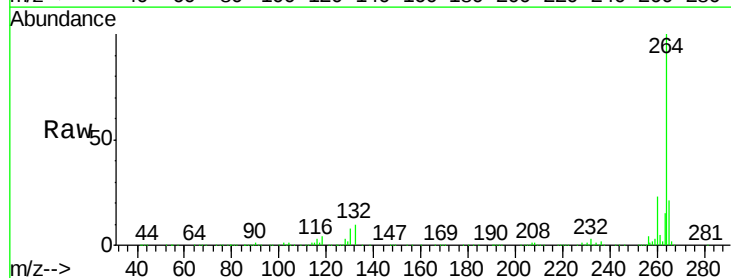
Tgt Ion:264 Resp: 606599

Ion Ratio Lower Upper

264 100

260 23.1 19.8 29.6

265 21.2 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

