

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086781.D
 Acq On : 7 May 2016 18:37
 Operator : UM/SJ
 Sample : PB90336TB
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90240TB

Quant Time: May 08 00:20:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

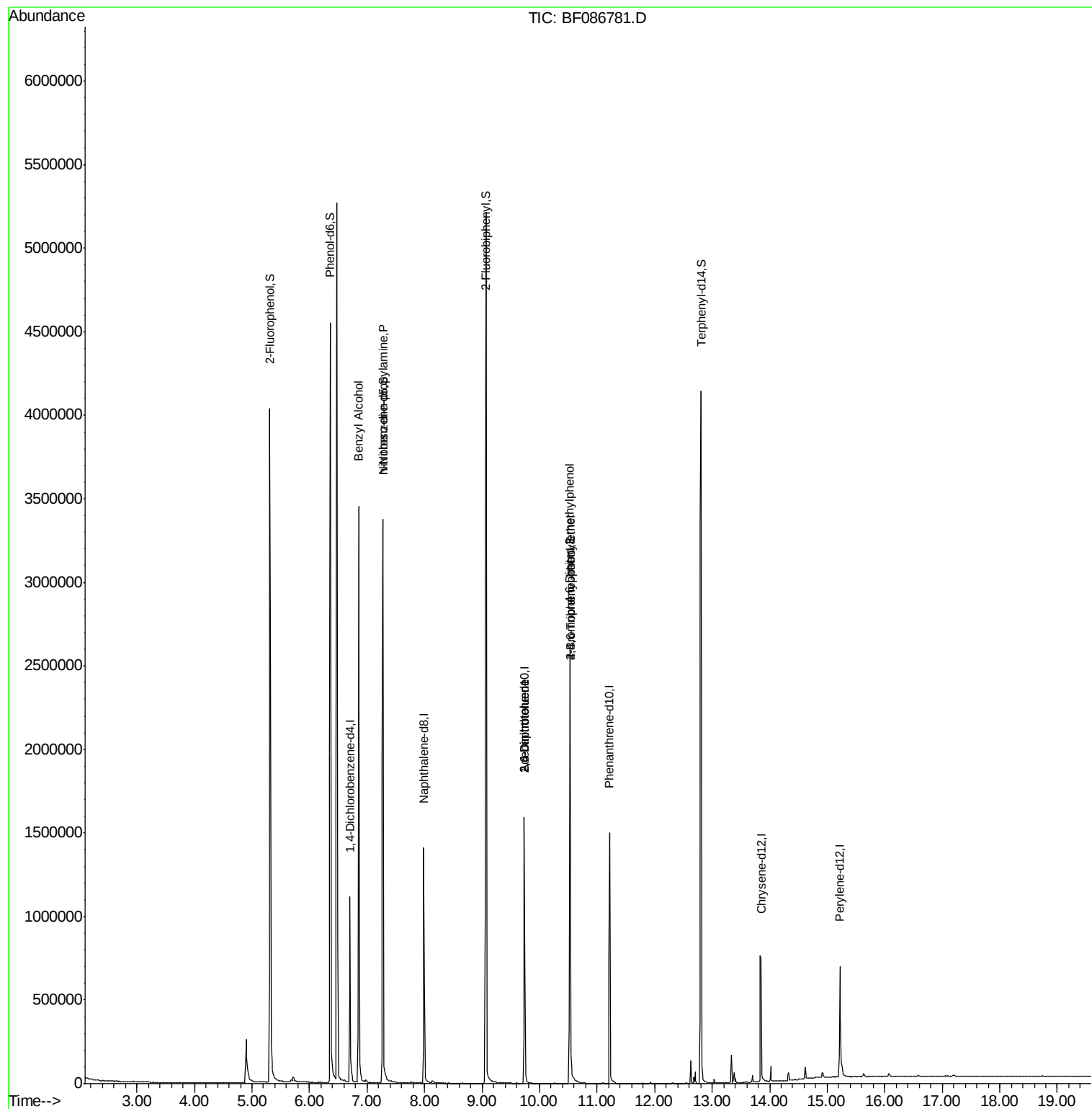
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	185741	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	752746	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	364910	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	669840	40.00	ng	0.00
75) Chrysene-d12	13.85	240	417314	40.00	ng	0.00
86) Perylene-d12	15.22	264	339074	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1368771	122.00	ng	0.01
7) Phenol-d6	6.36	99	1640981	108.58	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1277468	87.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	503231	140.97	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2107817	94.69	ng	0.00
78) Terphenyl-d14	12.81	244	1765888	85.52	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.85	79	20429	2.09	ng	# 43
19) n-Nitroso-di-n-propylamine	7.28	70	182002	17.63	ng	# 76
50) 2,6-Dinitrotoluene	9.73	165	46569	7.98	ng	# 21
56) 2,4-Dinitrotoluene	9.73	165	46562	6.44	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.52	198	982	5.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	28437	4.27	ng	# 1

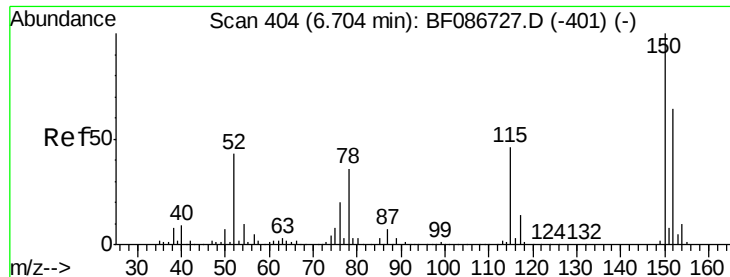
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086781.D

Acq: 7 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

PB90240TB

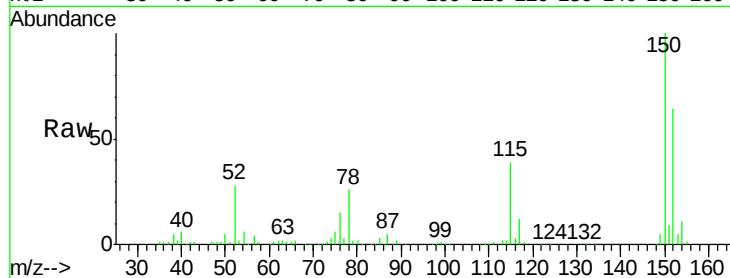
Tgt Ion:152 Resp: 185741

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.6

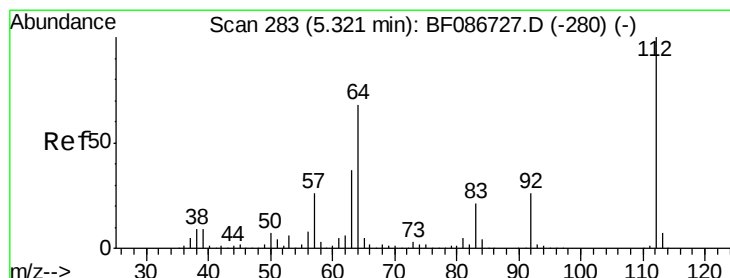
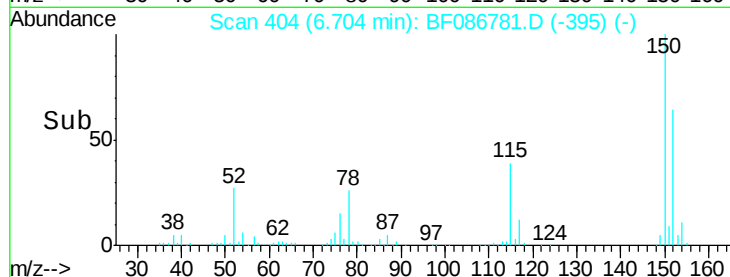
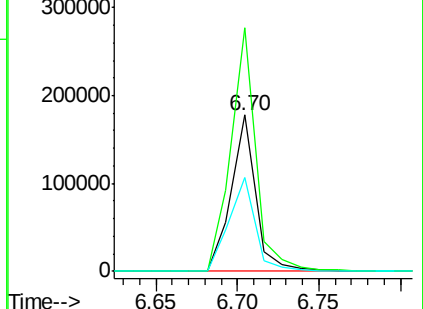
115 60.1 51.5 77.3



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: 122.00 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF086781.D

Acq: 7 May 2016 18:37

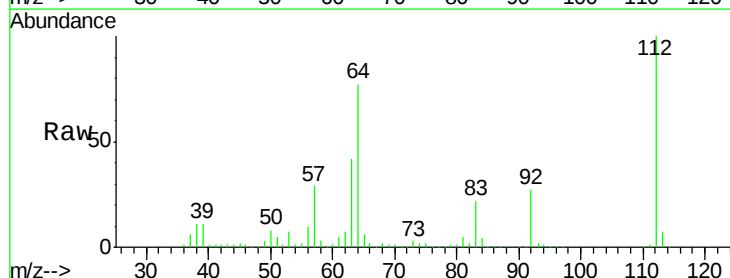
Tgt Ion:112 Resp: 1368771

Ion Ratio Lower Upper

112 100

64 76.9 52.1 78.1

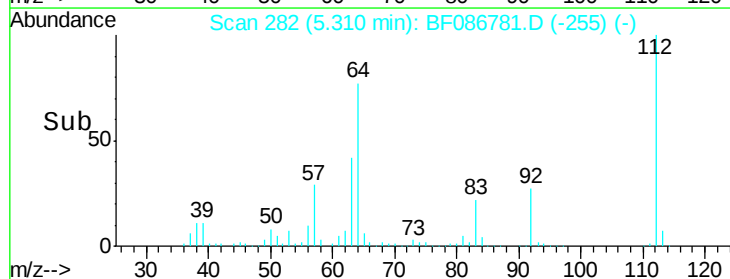
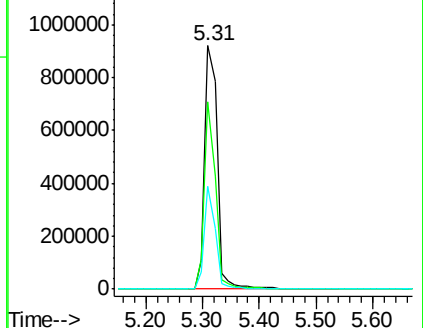
63 42.2 25.7 38.5

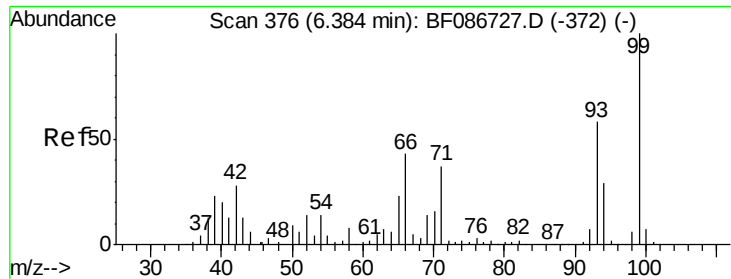


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.58 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086781.D

Acq: 7 May 2016 18:37

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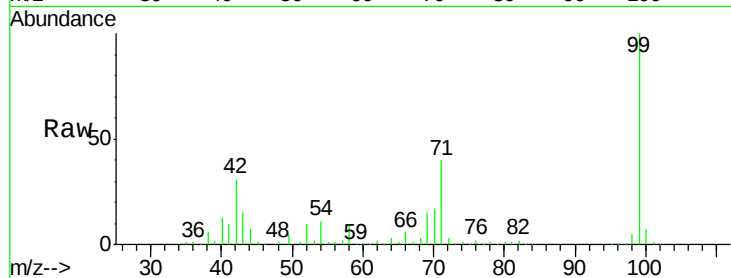
Tgt Ion: 99 Resp: 1640981

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

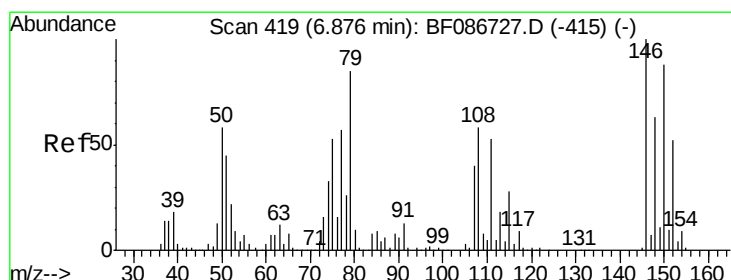
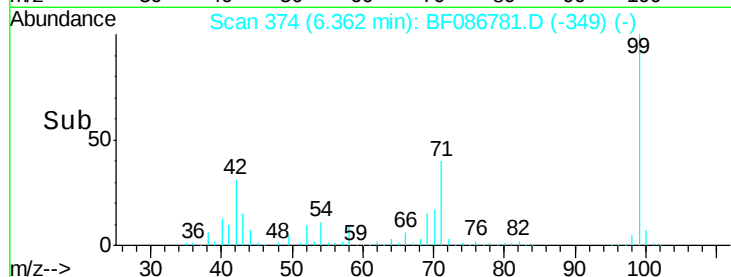
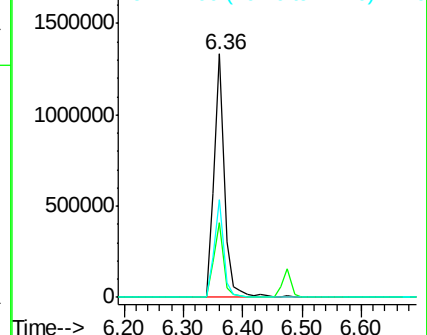
71 40.1 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086781.D

Acq: 7 May 2016 18:37

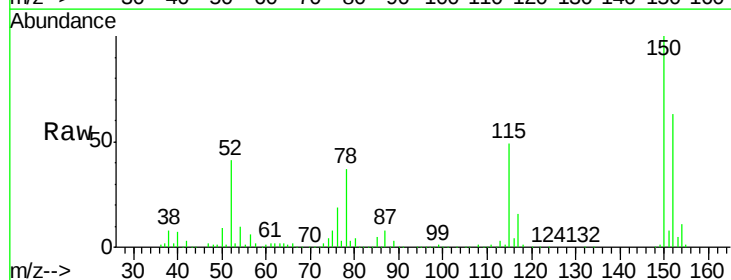
Tgt Ion: 79 Resp: 20429

Ion Ratio Lower Upper

79 100

108 30.4 68.4 102.6#

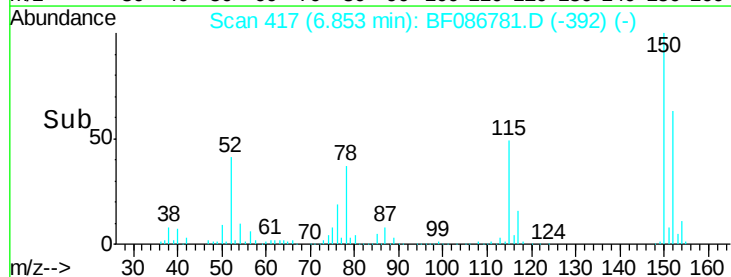
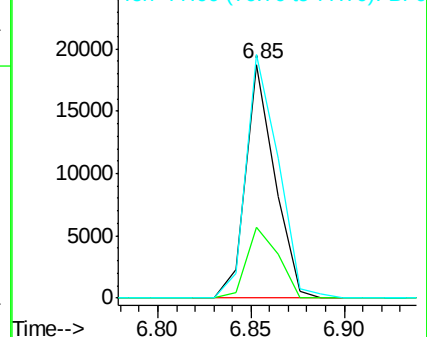
77 104.2 50.6 76.0#

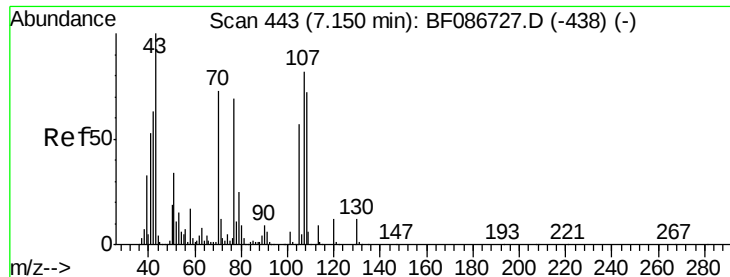


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

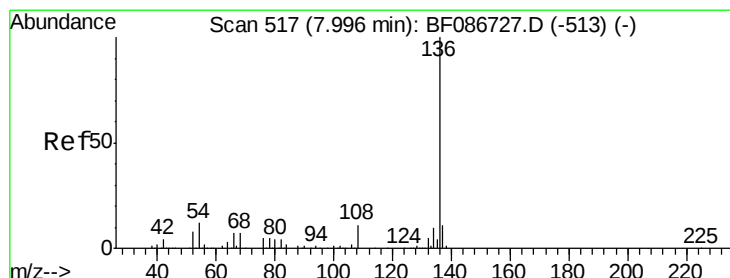
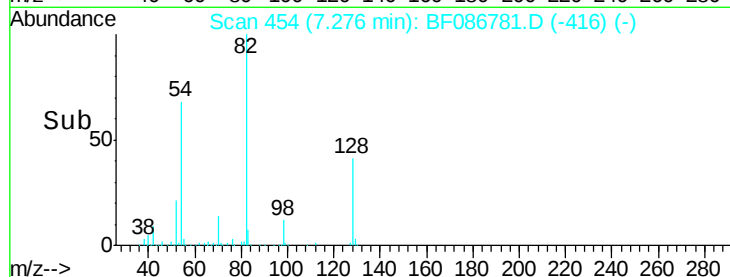
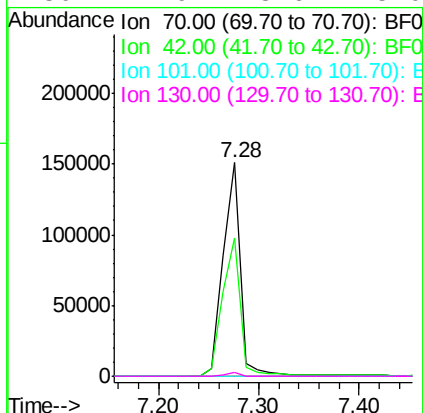
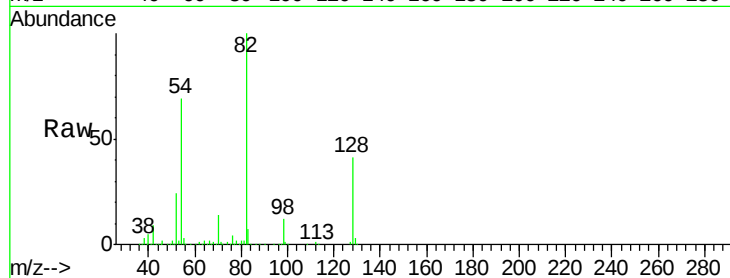




#19
n-Nitroso-di-n-propylamine
Concen: 17.63 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF086781.D
Acq: 7 May 2016 18:37

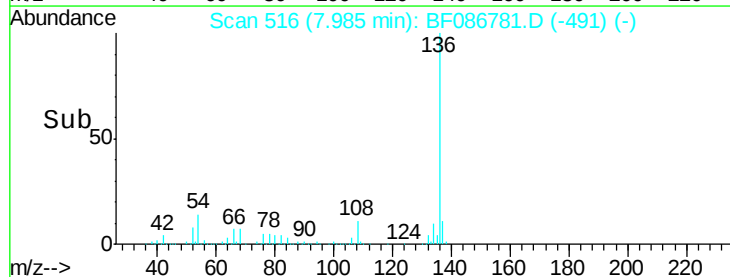
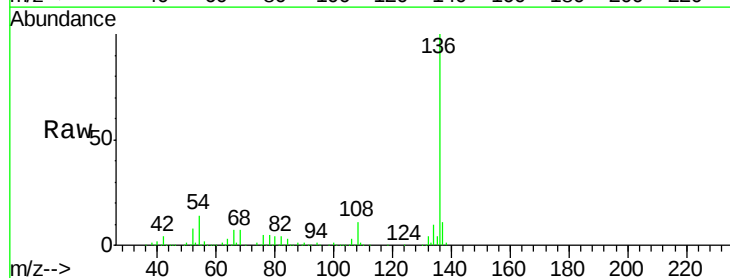
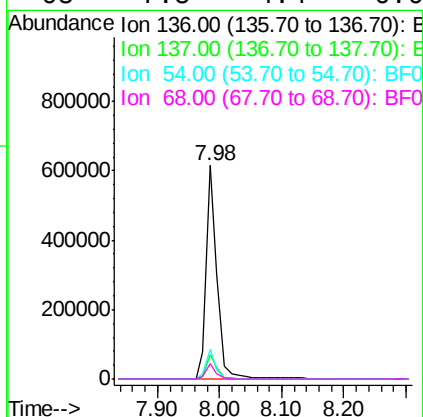
Instrument :
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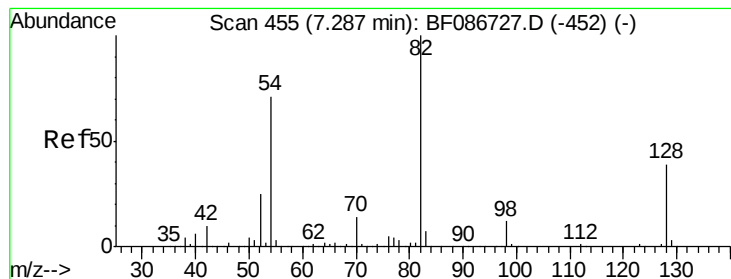
Tgt Ion: 70 Resp: 182002
Ion Ratio Lower Upper
70 100
42 64.5 43.1 64.7
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF086781.D
Acq: 7 May 2016 18:37

Tgt Ion: 136 Resp: 752746
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 13.9 5.0 7.4#
68 7.5 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 87.21 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086781.D

Acq: 7 May 2016 18:37

Instrument :

BNA_F

ClientSampleId :

PB90240TB

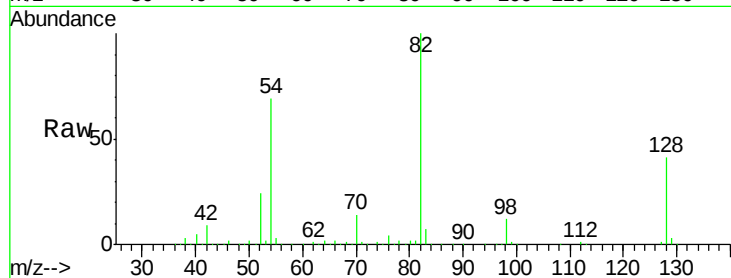
Tgt Ion: 82 Resp: 1277468

Ion Ratio Lower Upper

82 100

128 41.0 40.6 61.0

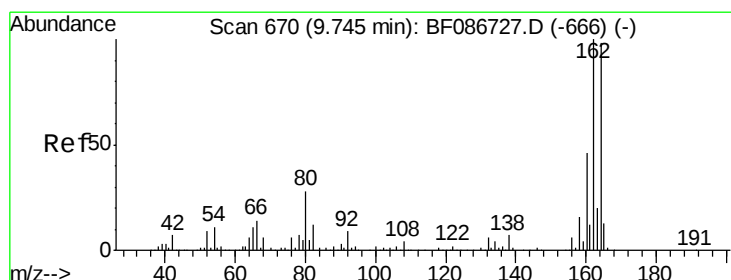
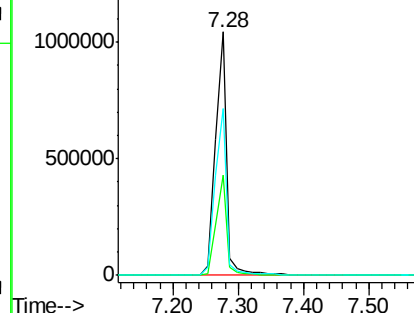
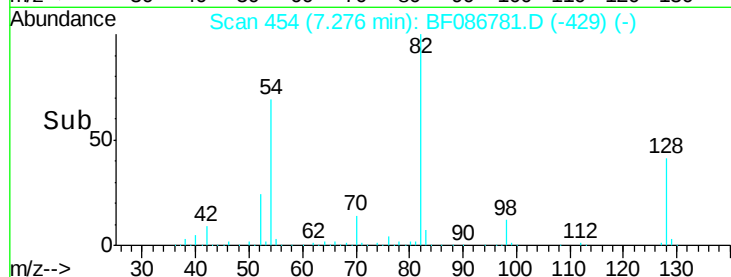
54 68.6 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF086781.D

Acq: 7 May 2016 18:37

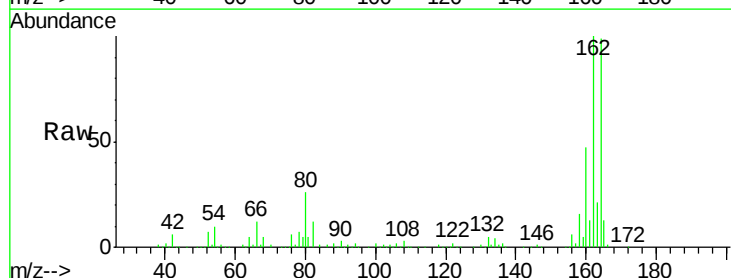
Tgt Ion: 164 Resp: 364910

Ion Ratio Lower Upper

164 100

162 101.4 82.8 124.2

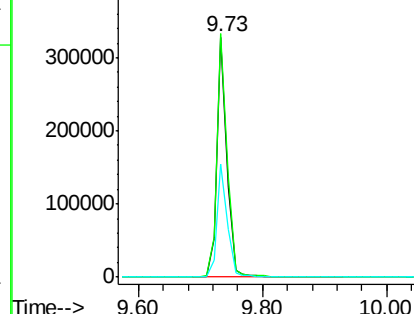
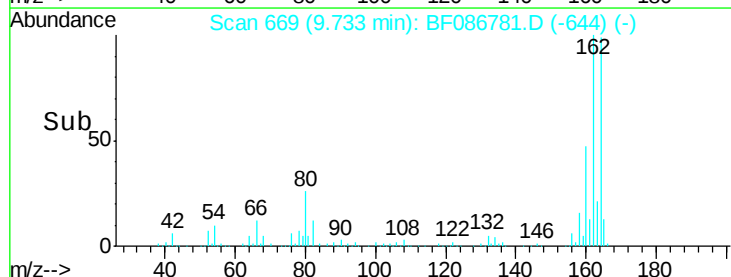
160 47.2 36.9 55.3

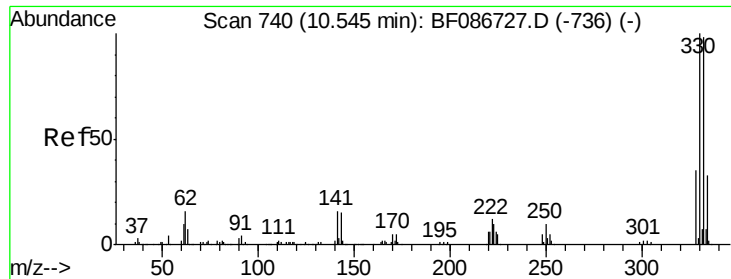


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

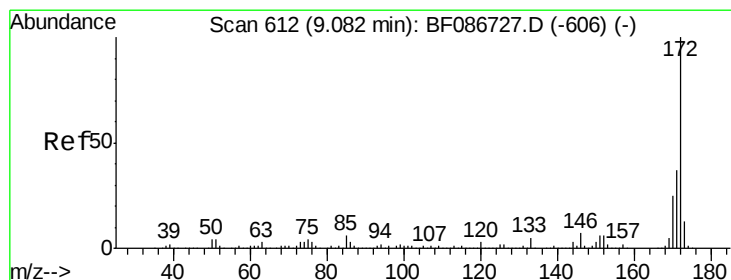
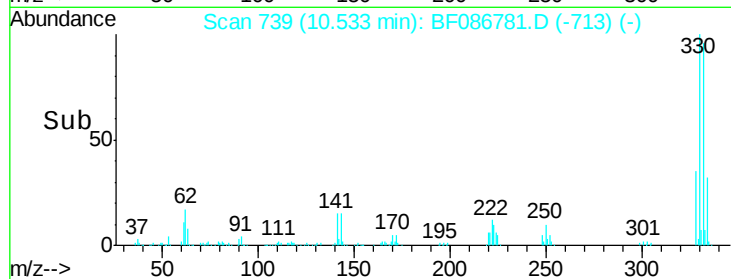
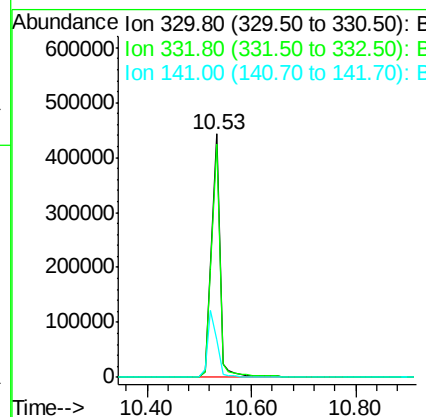
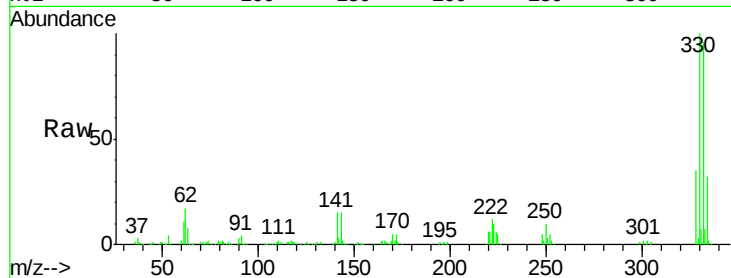




#41
 2,4,6-Tribromophenol
 Concen: 140.97 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086781.D
 Acq: 7 May 2016 18:37

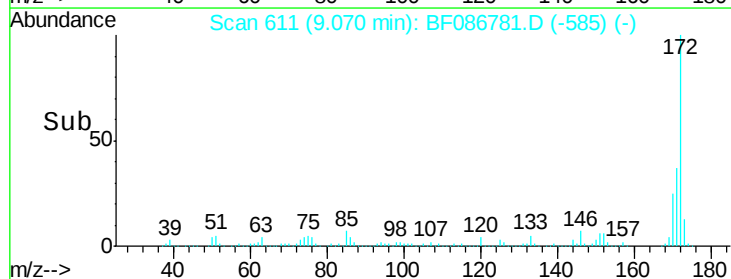
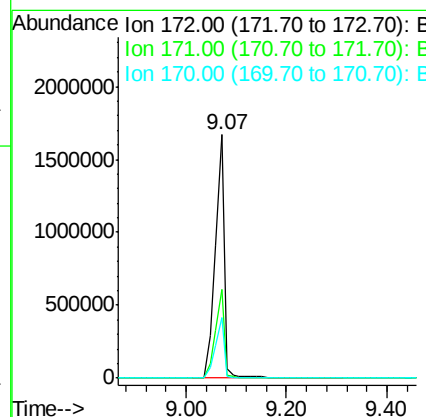
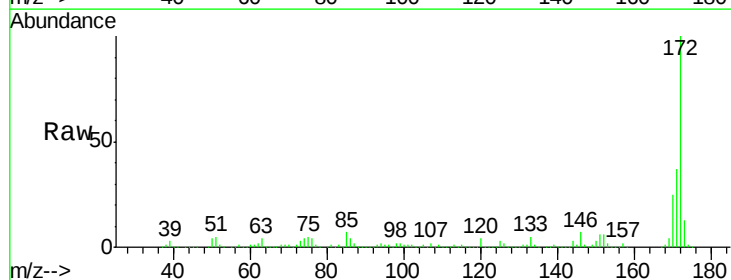
Instrument :
 BNA_F
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 PB90240TB

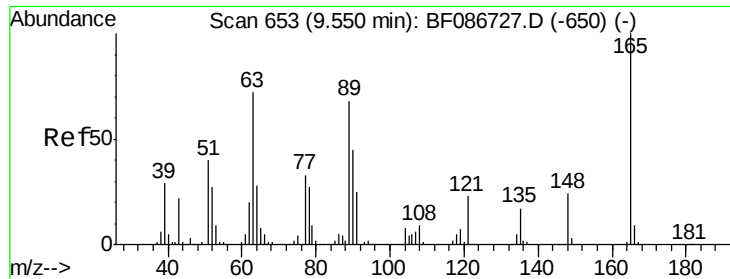
Tgt Ion:330 Resp: 503231
 Ion Ratio Lower Upper
 330 100
 332 95.4 79.0 118.4
 141 31.0 31.2 46.8#



#44
 2-Fluorobiphenyl
 Concen: 94.69 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086781.D
 Acq: 7 May 2016 18:37

Tgt Ion:172 Resp: 2107817
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 25.0 19.8 29.8

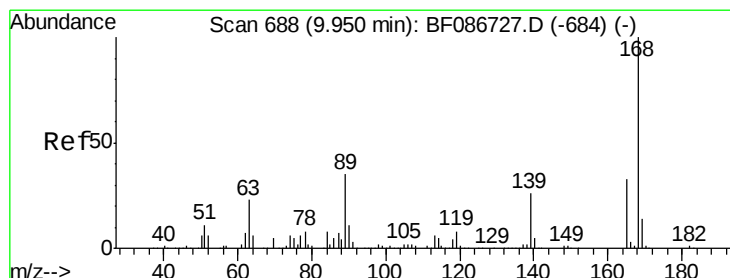
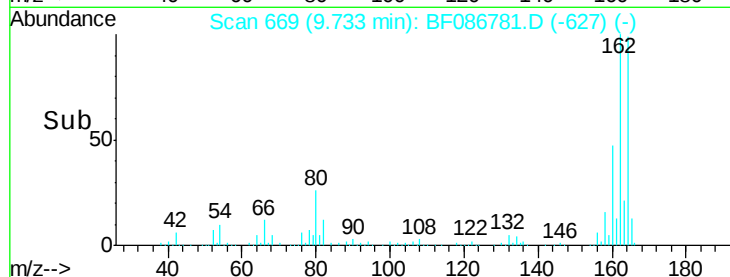
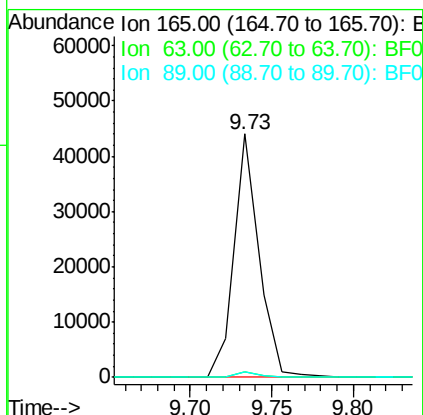
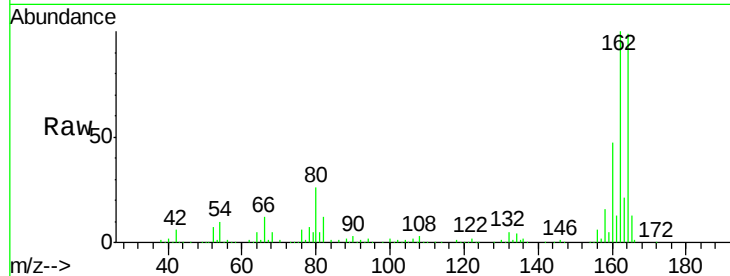




#50
 2,6-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF086781.D
 Acq: 7 May 2016 18:37

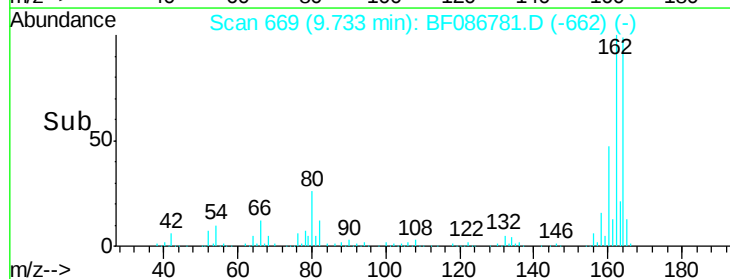
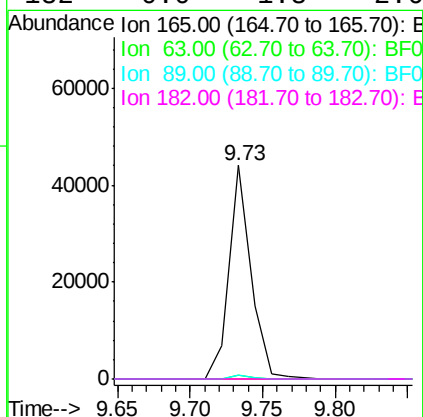
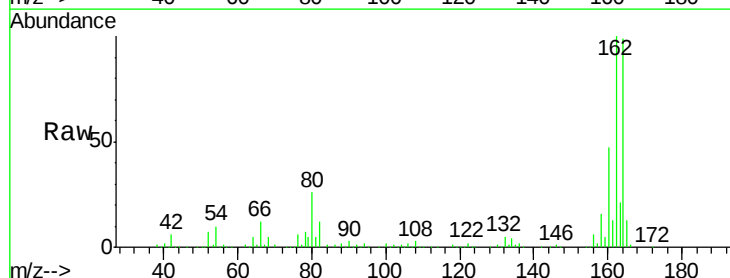
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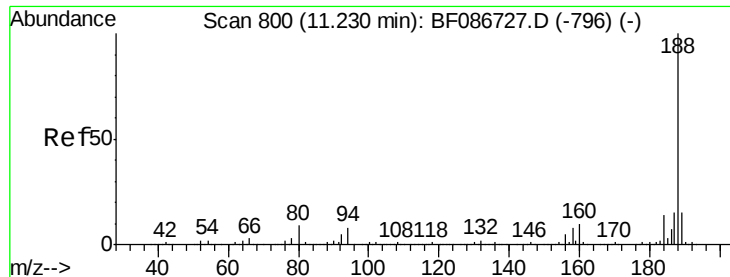
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	51.8	77.8#
89	2.1	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF086781.D
 Acq: 7 May 2016 18:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

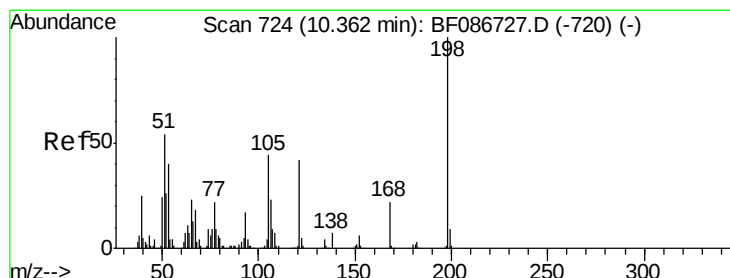
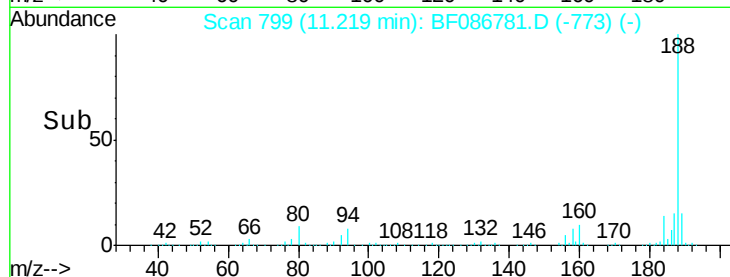
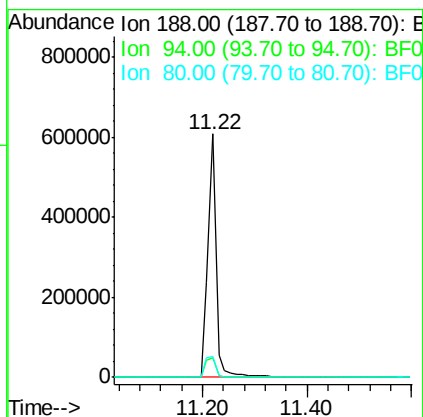
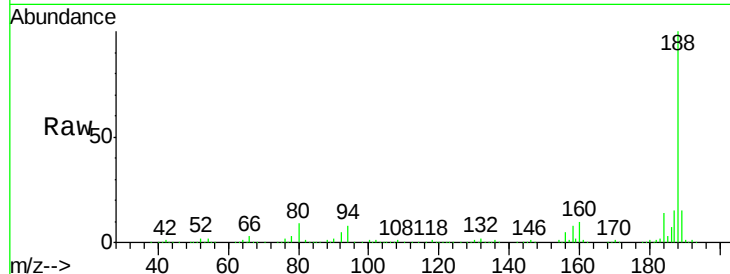




#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086781.D
 Acq: 7 May 2016 18:37

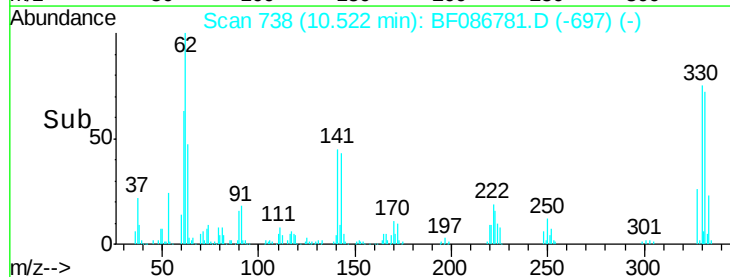
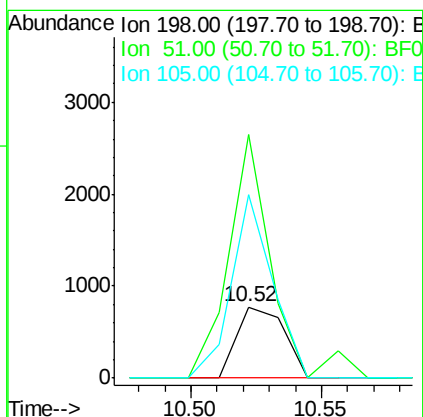
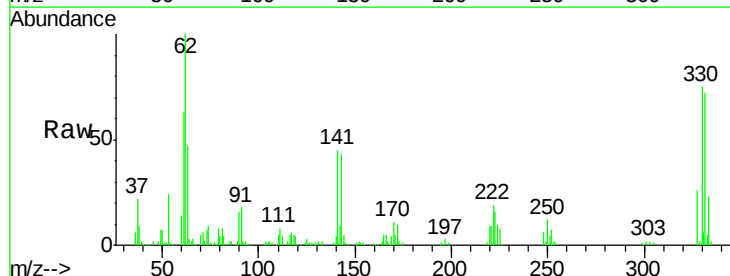
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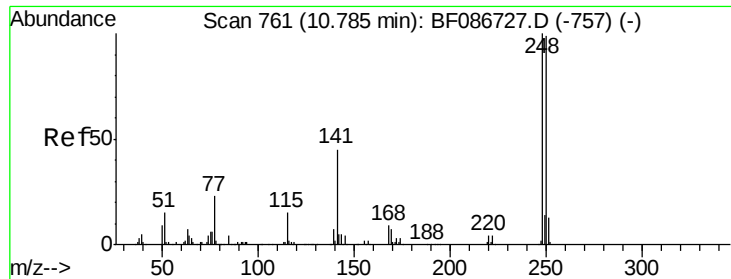
Tgt Ion:188 Resp: 669840
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.8 10.2
 80 8.6 7.1 10.7



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.54 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.17 min
 Lab File: BF086781.D
 Acq: 7 May 2016 18:37

Tgt Ion:198 Resp: 982
 Ion Ratio Lower Upper
 198 100
 51 341.1 20.5 60.5#
 105 257.1 24.5 64.5#

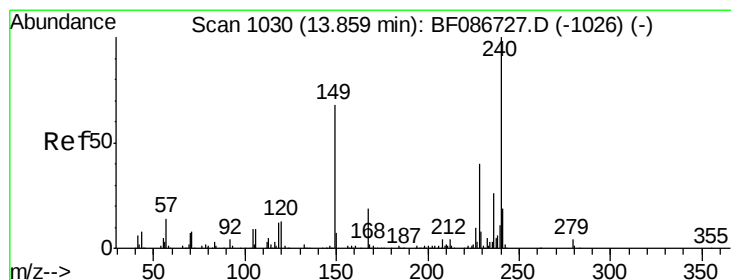
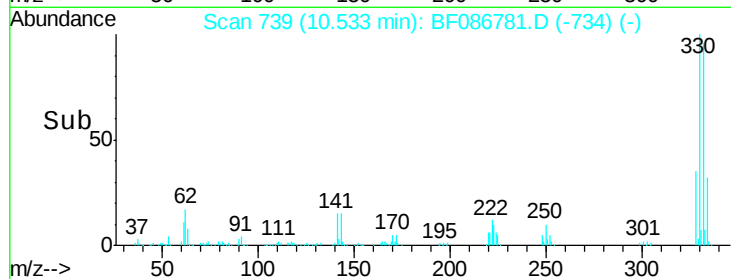
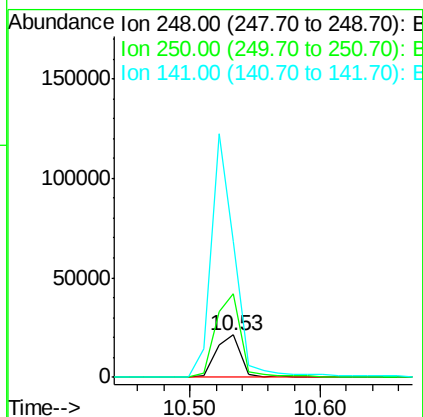
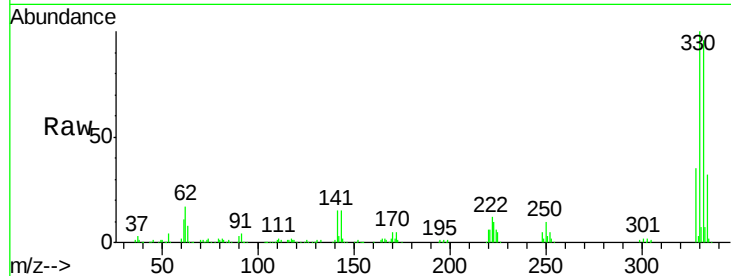




#66
4-Bromophenyl-phenylether
Concen: 4.27 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.24 min
Lab File: BF086781.D
Acq: 7 May 2016 18:37

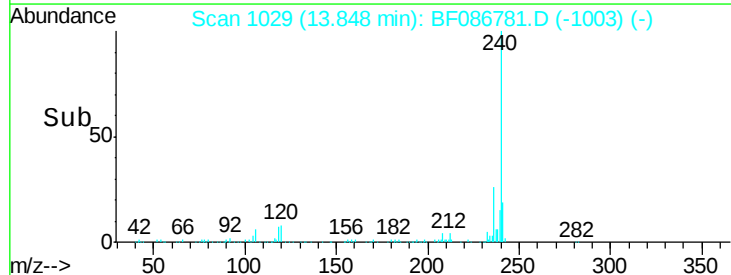
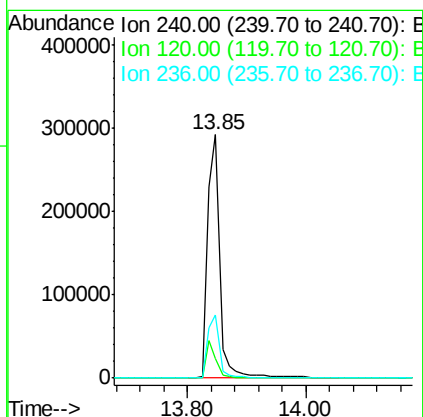
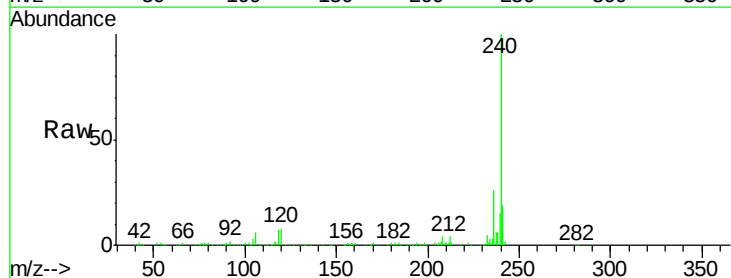
Instrument :
BNA_F
ClientSampleId :
PB90240TB

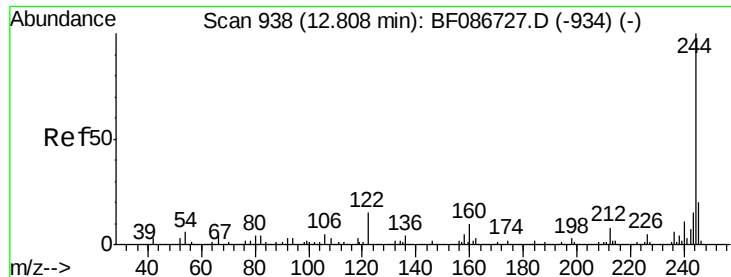
Tgt Ion:248 Resp: 28437
Ion Ratio Lower Upper
248 100
250 200.0 78.6 117.8#
141 322.9 76.0 114.0#



#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086781.D
Acq: 7 May 2016 18:37

Tgt Ion:240 Resp: 417314
Ion Ratio Lower Upper
240 100
120 7.9 11.2 16.8#
236 26.1 21.2 31.8

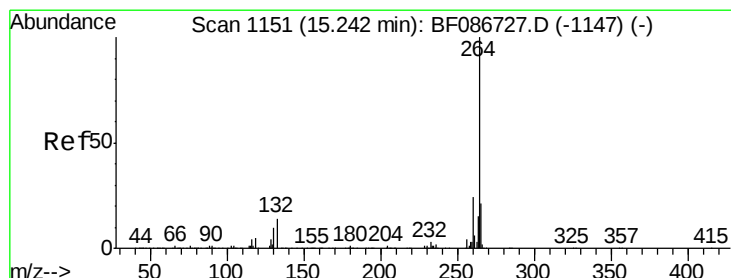
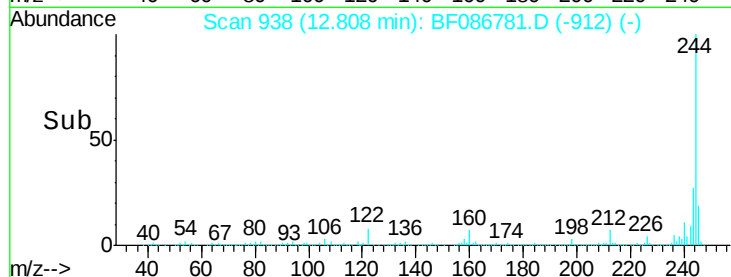
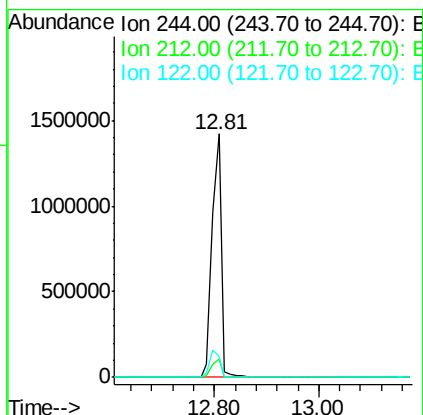
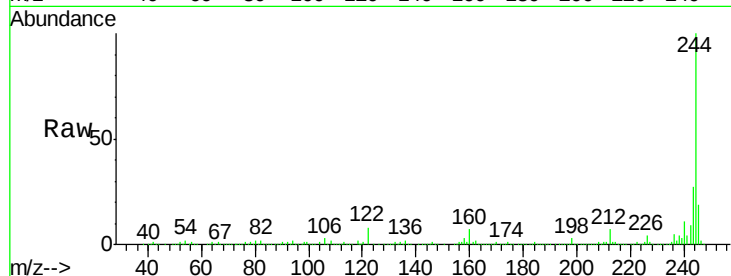




#78
 Terphenyl-d14
 Concen: 85.52 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF086781.D
 Acq: 7 May 2016 18:37

Instrument :
 BNA_F
 ClientSampleId :
 PB90240TB

Tgt Ion:244 Resp: 1765888
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.5 12.0 18.0#



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF086781.D
 Acq: 7 May 2016 18:37

Tgt Ion:264 Resp: 339074
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.8 17.3 25.9

