

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090853.D
 Acq On : 26 Oct 2016 21:16
 Operator : UM/SJ
 Sample : H5403-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0

Quant Time: Oct 27 01:22:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

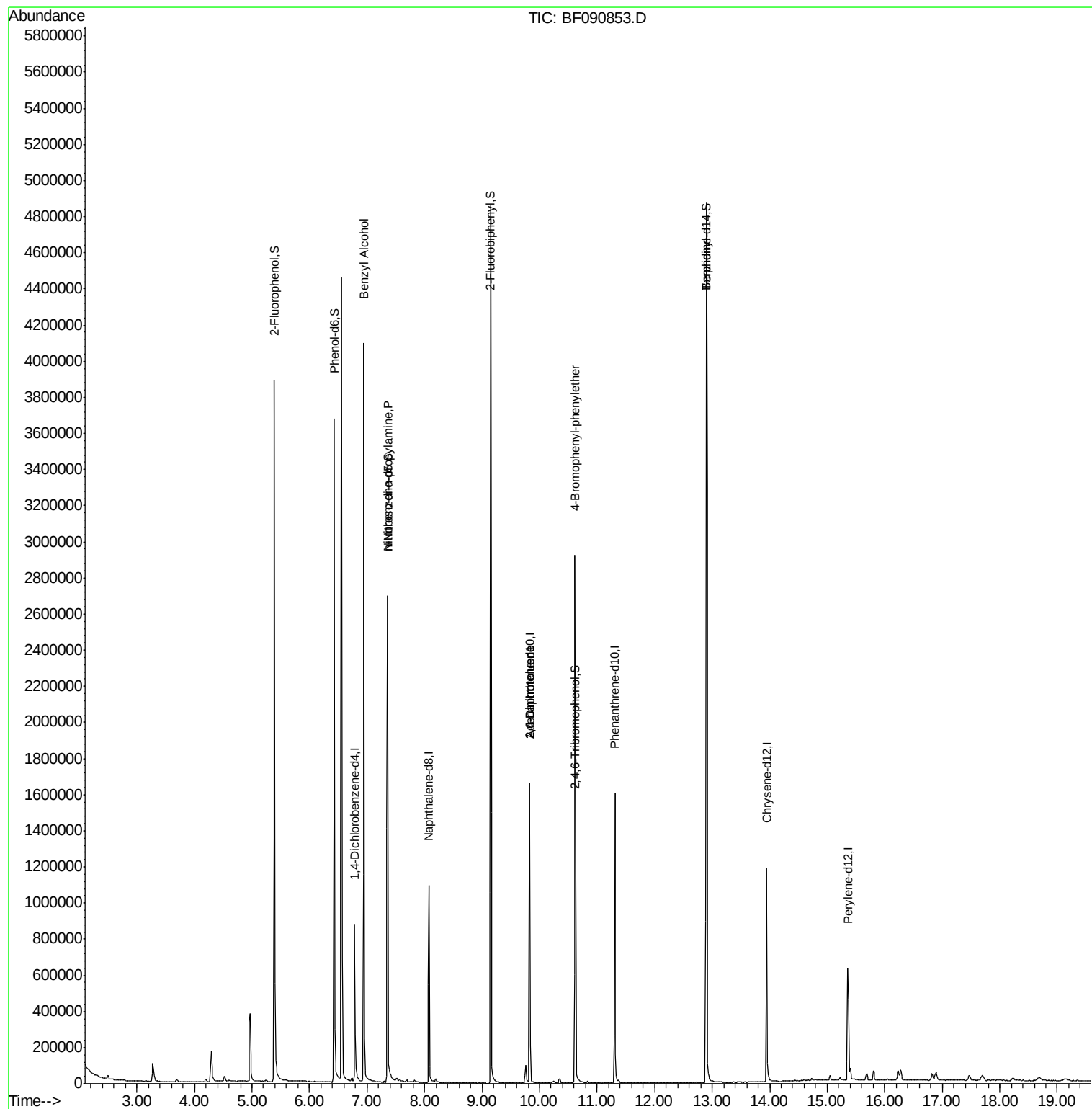
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	148796	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	633019	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	328121	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	578149	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	504245	20.00	ng	-0.01
86) Perylene-d12	15.36	264	281528	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1217332	143.04	ng	0.00
7) Phenol-d6	6.43	99	1531339	133.37	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1195617	123.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	494696	146.71	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1776398	95.07	ng	-0.02
78) Terphenyl-d14	12.90	244	2222185	111.03	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.94	79	18891	2.51	ng	# 31
19) n-Nitroso-di-n-propylamine	7.36	70	163135	24.58	ng	# 51
50) 2,6-Dinitrotoluene	9.82	165	41864	8.65	ng	# 39
56) 2,4-Dinitrotoluene	9.82	165	41869	6.96	ng	# 33
66) 4-Bromophenyl-phenylether	10.61	248	29389	4.64	ng	# 1
76) Benzidine	12.90	184	27010	2.45	ng	# 94

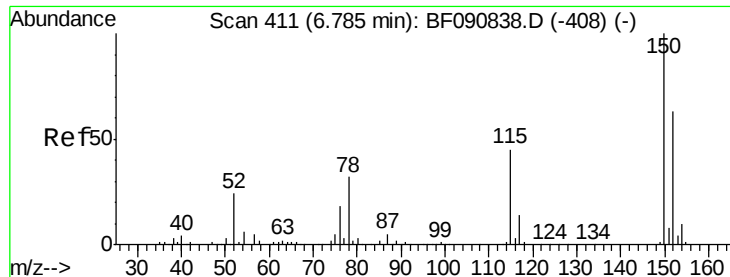
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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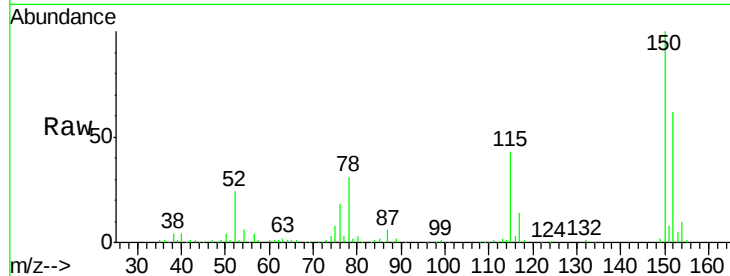




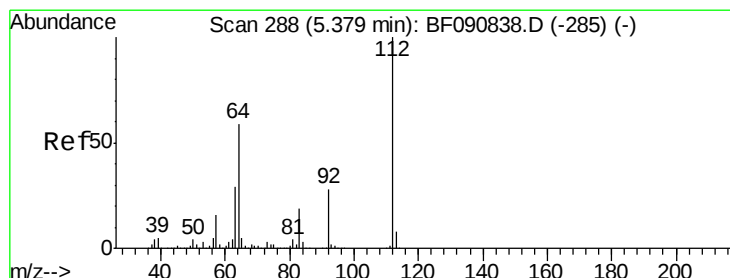
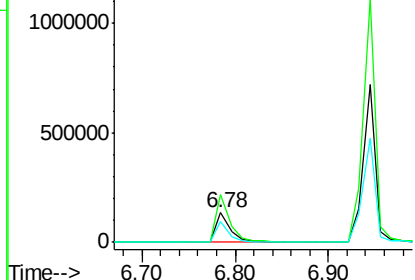
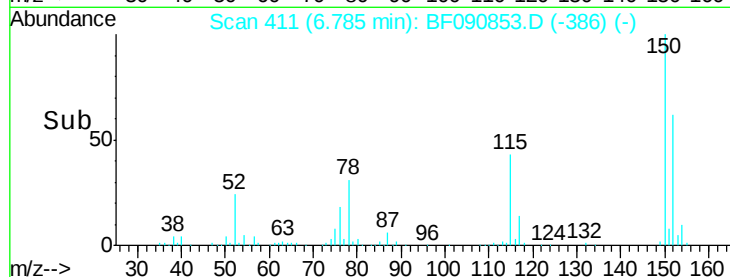
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF090853.D
 Acq: 26 Oct 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0

Tgt Ion:152 Resp: 148796
 Ion Ratio Lower Upper
 152 100
 150 161.1 124.7 187.1
 115 69.0 39.0 58.4#

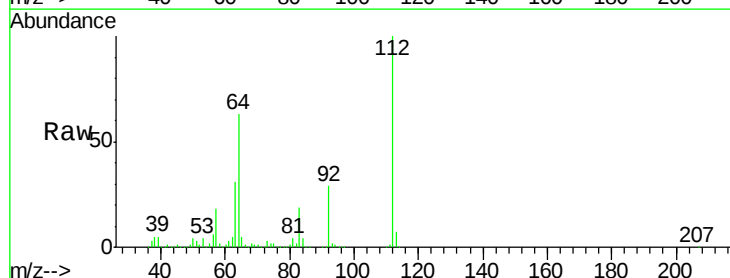


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

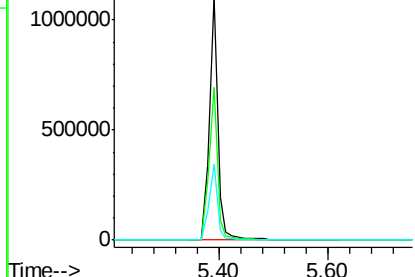
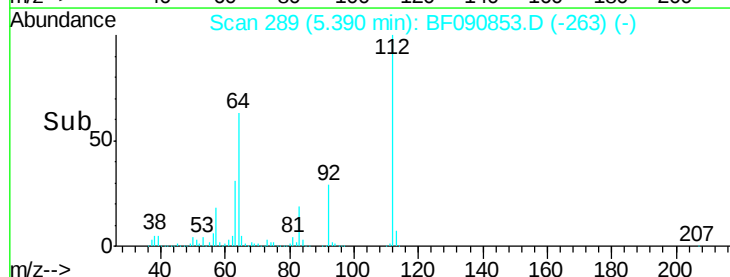


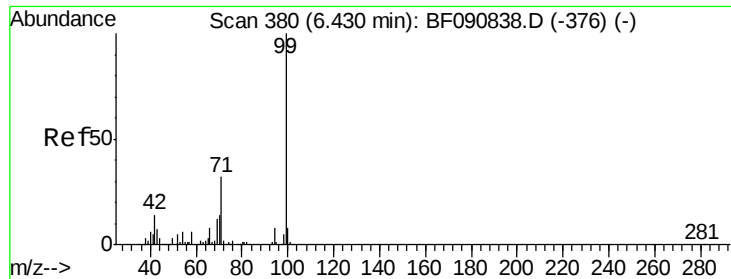
#5
 2-Fluorophenol
 Concen: 143.04 ng
 RT: 5.39 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: BF090853.D
 Acq: 26 Oct 2016 21:16

Tgt Ion:112 Resp: 1217332
 Ion Ratio Lower Upper
 112 100
 64 63.0 39.7 59.5#
 63 31.3 17.4 26.0#



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: 133.37 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090853.D

Acq: 26 Oct 2016 21:16

Instrument :

BNA_F

ClientSampleId :

C0AA0

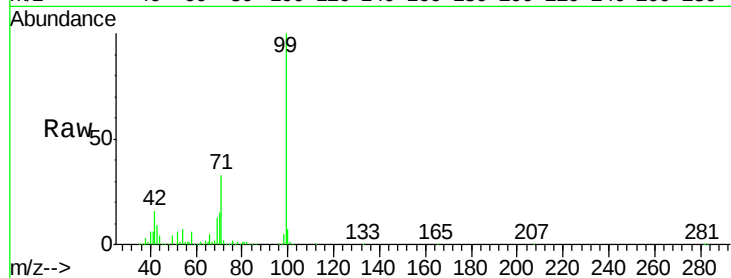
Tgt Ion: 99 Resp: 1531339

Ion Ratio Lower Upper

99 100

42 15.9 13.7 20.5

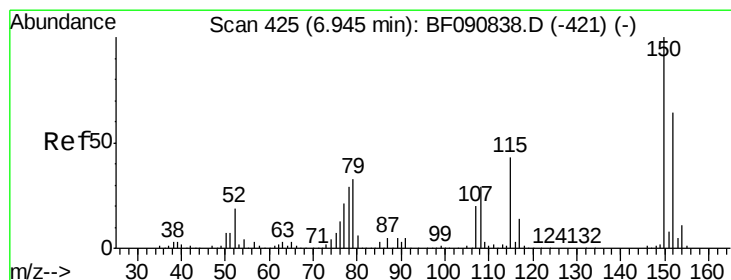
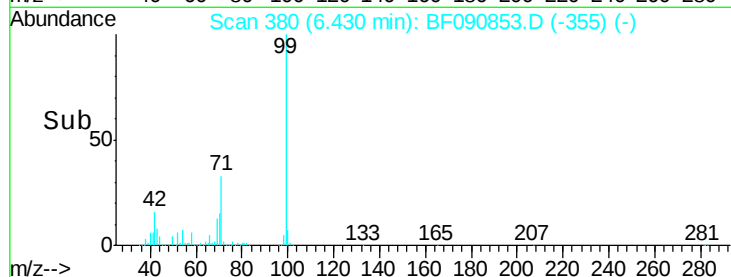
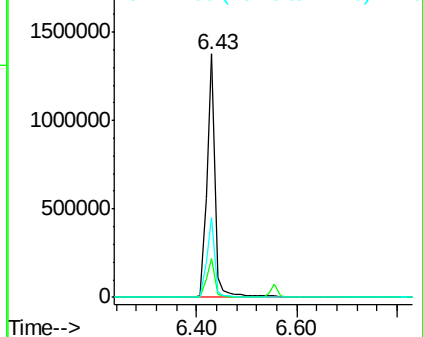
71 33.0 14.2 21.2#



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: 2.51 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF090853.D

Acq: 26 Oct 2016 21:16

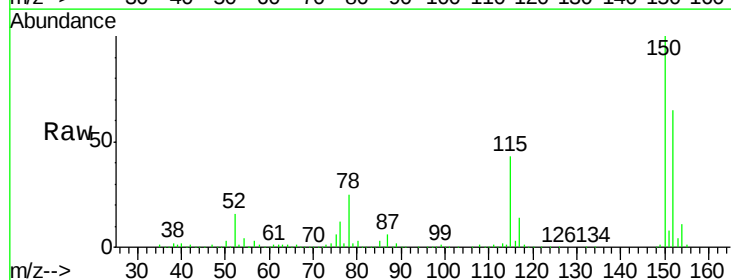
Tgt Ion: 79 Resp: 18891

Ion Ratio Lower Upper

79 100

108 31.4 88.6 132.8#

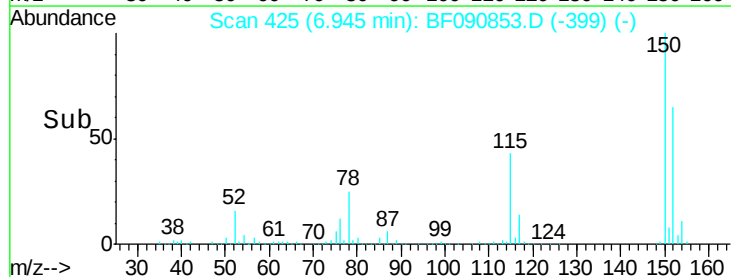
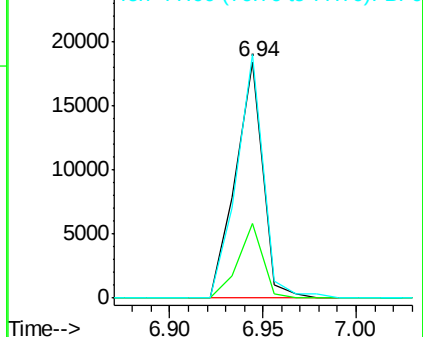
77 103.0 47.0 70.4#

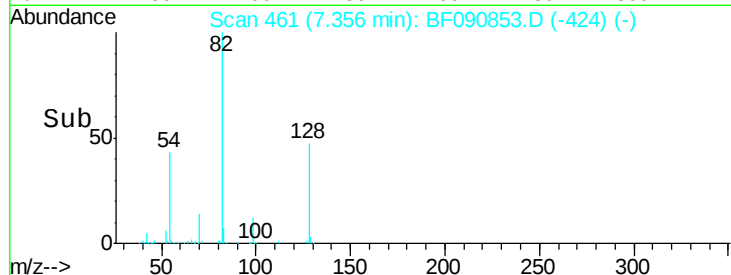
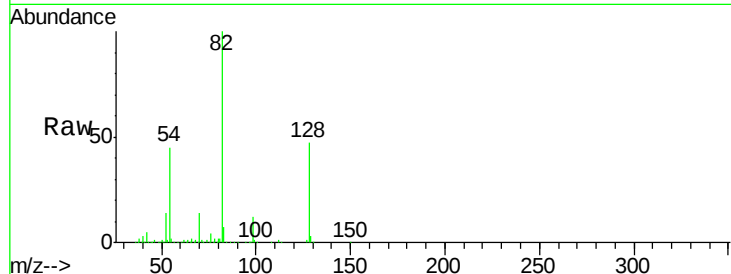
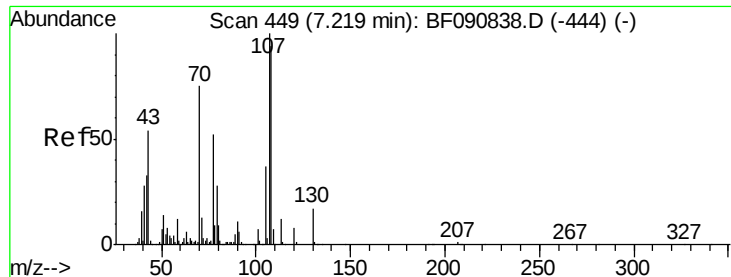


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

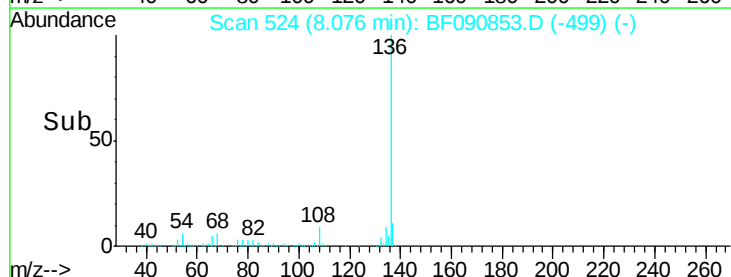
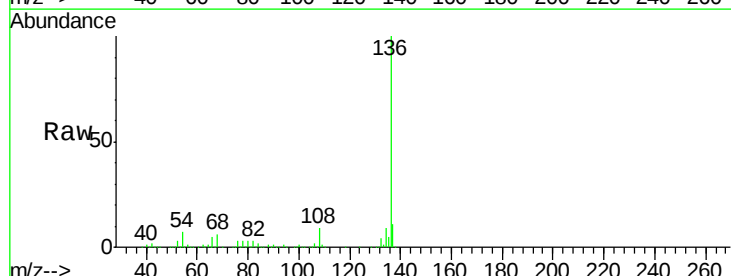
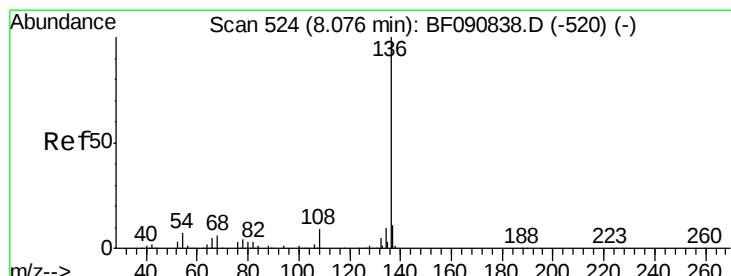
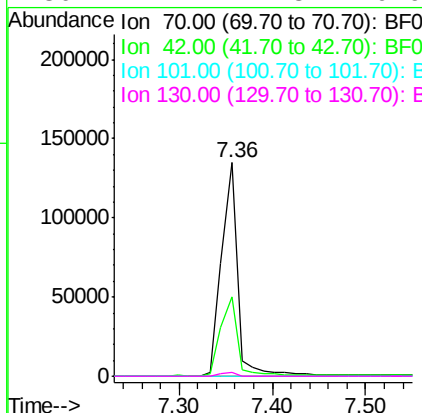




#19
n-Nitroso-di-n-propylamine
Concen: 24.58 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.13 min
Lab File: BF090853.D
Acq: 26 Oct 2016 21:16

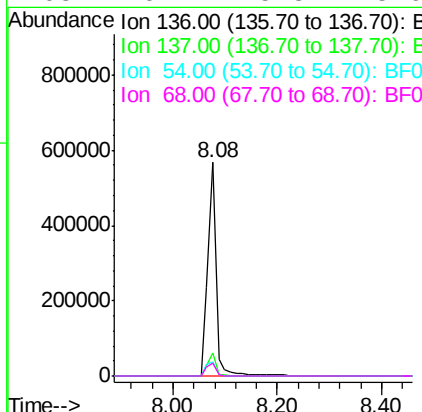
Instrument :
BNA_F
ClientSampleId :
C0AA0

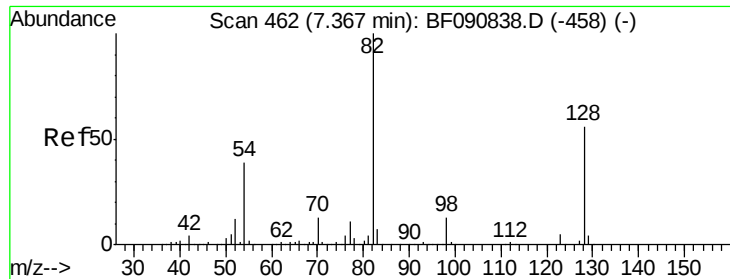
Tgt Ion:	70	Resp:	163135
Ion	Ratio	Lower	Upper
70	100		
42	36.9	63.8	95.6#
101	0.0	9.2	13.8#
130	2.1	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF090853.D
Acq: 26 Oct 2016 21:16

Tgt Ion:	136	Resp:	633019
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.5	8.2	12.2#
68	6.1	5.8	8.6

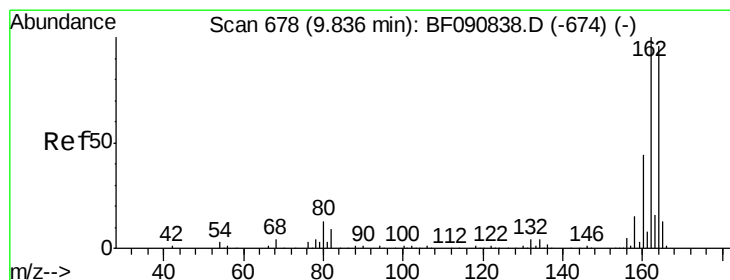
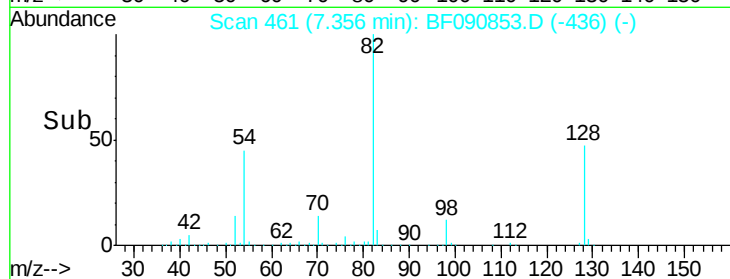
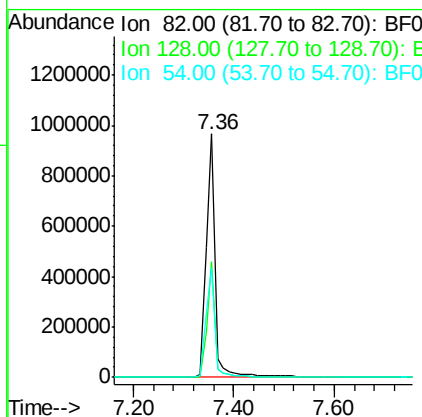
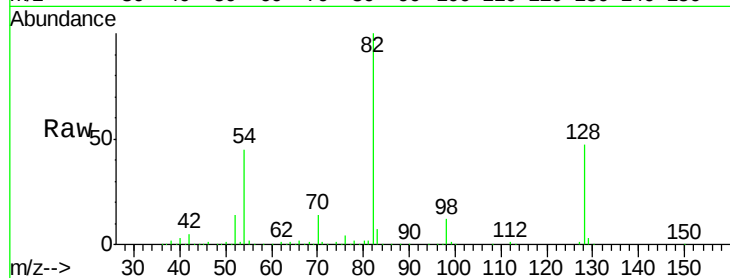




#23
 Nitrobenzene-d5
 Concen: 123.65 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF090853.D
 Acq: 26 Oct 2016 21:16

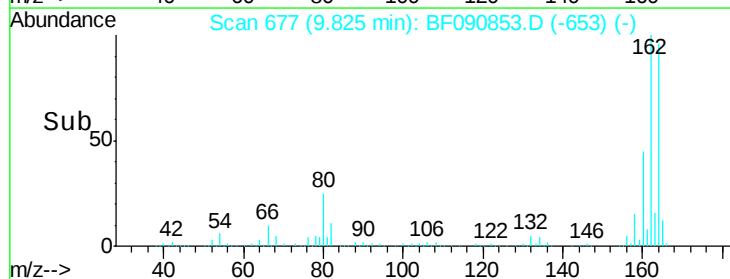
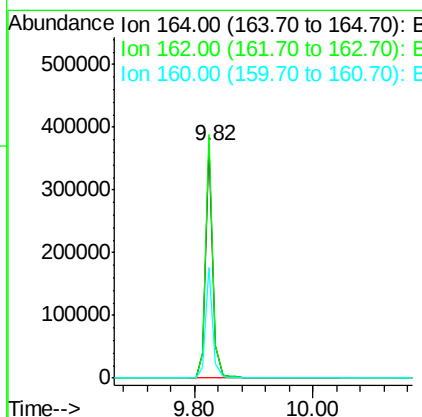
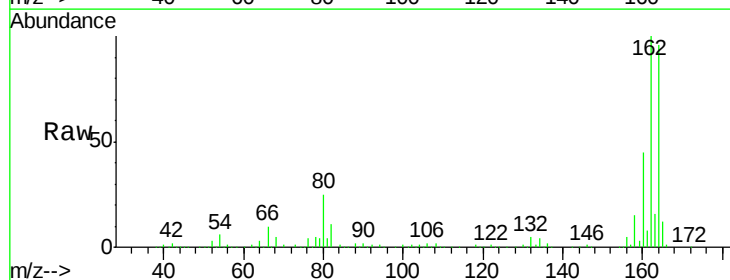
Instrument :
 BNA_F
 ClientSampleId :
 C0AA0

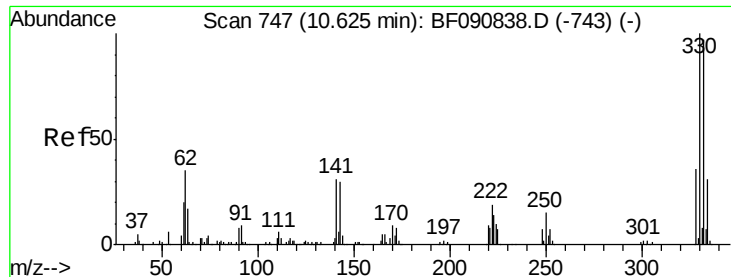
Tgt Ion: 82 Resp: 1195617
 Ion Ratio Lower Upper
 82 100
 128 47.3 51.0 76.6#
 54 44.7 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF090853.D
 Acq: 26 Oct 2016 21:16

Tgt Ion: 164 Resp: 328121
 Ion Ratio Lower Upper
 164 100
 162 104.4 75.2 112.8
 160 47.4 31.5 47.3#

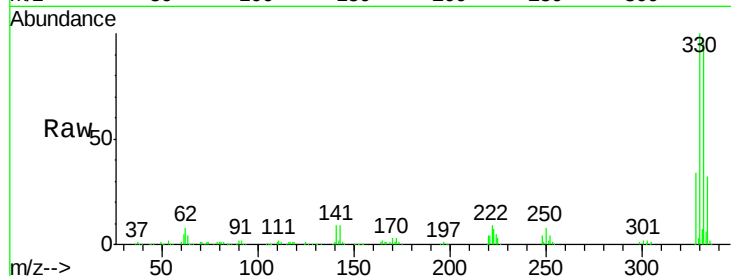




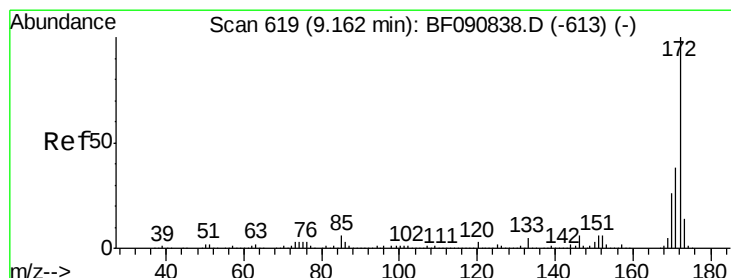
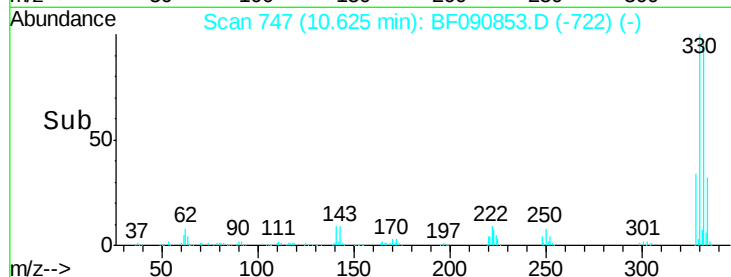
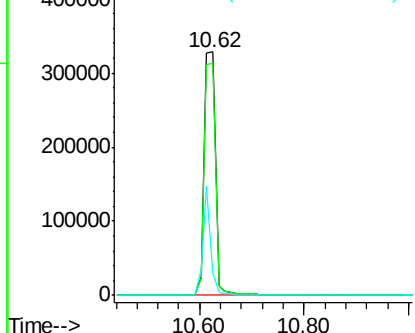
#41
 2,4,6-Tribromophenol
 Concen: 146.71 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090853.D
 Acq: 26 Oct 2016 21:16

Instrument :
 BNA_F
 ClientSampleId :
 C0AA0

Tgt Ion:330 Resp: 494696
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 31.5 29.7 44.5

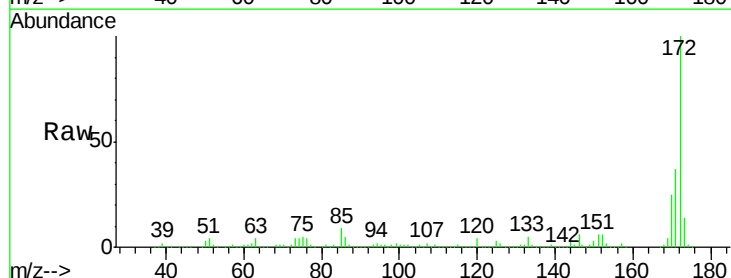


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

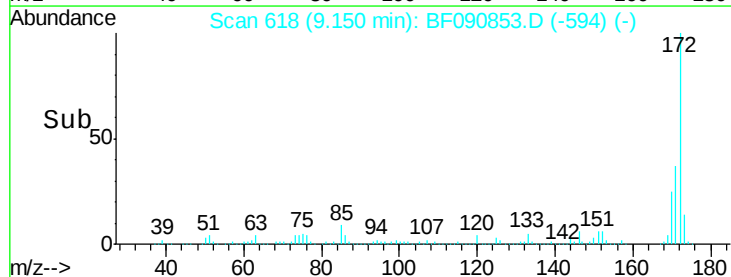
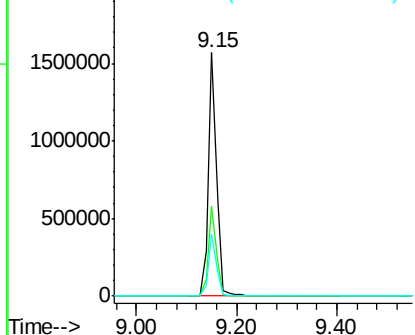


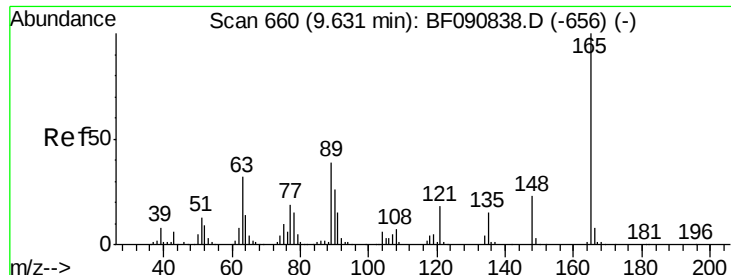
#44
 2-Fluorobiphenyl
 Concen: 95.07 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090853.D
 Acq: 26 Oct 2016 21:16

Tgt Ion:172 Resp: 1776398
 Ion Ratio Lower Upper
 172 100
 171 36.8 26.1 39.1
 170 25.3 17.4 26.2



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

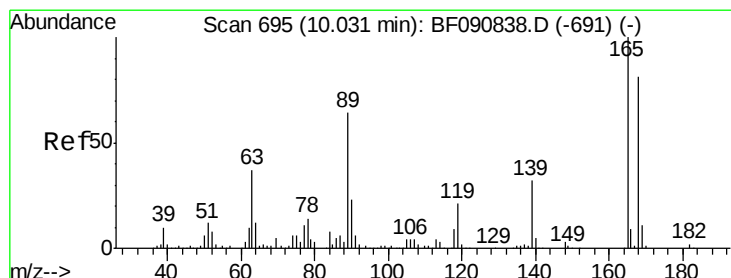
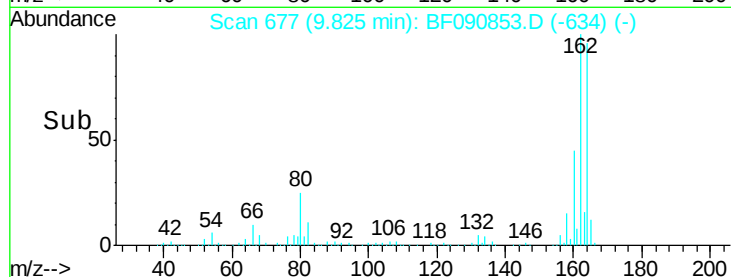
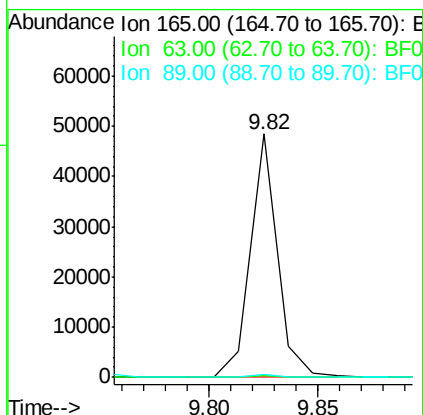
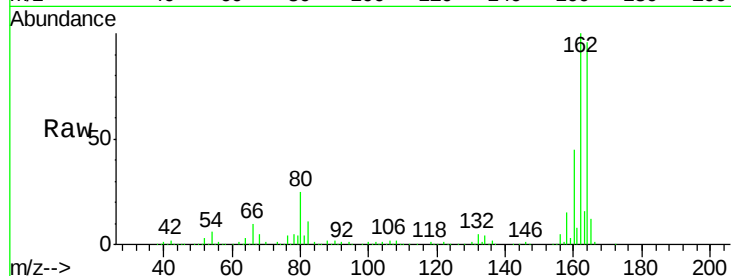




#50
 2,6-Dinitrotoluene
 Concen: 8.65 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF090853.D
 Acq: 26 Oct 2016 21:16

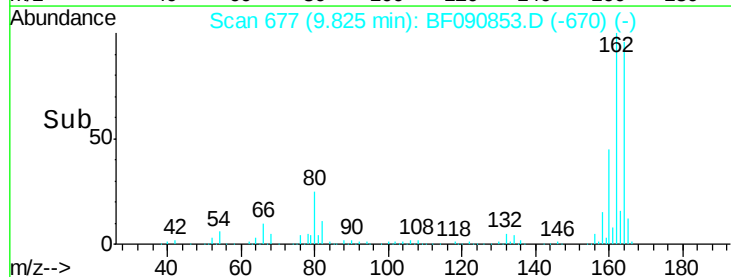
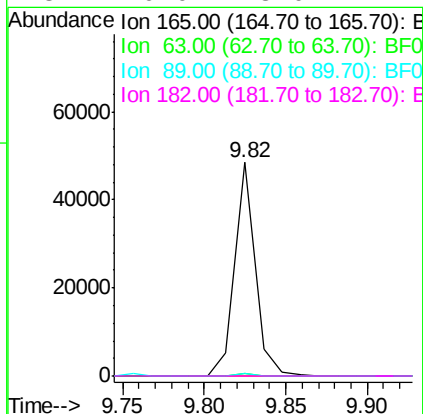
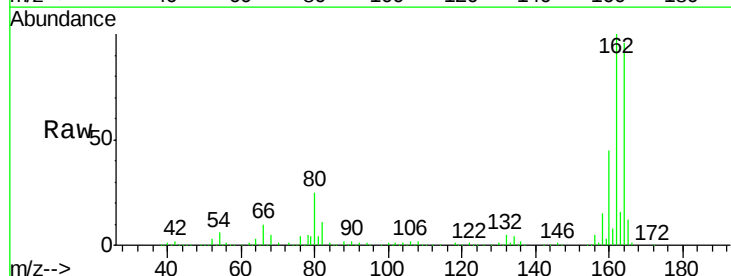
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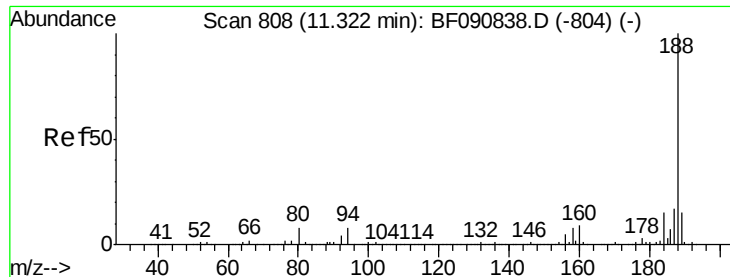
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	1.3	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.96 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF090853.D
 Acq: 26 Oct 2016 21:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#

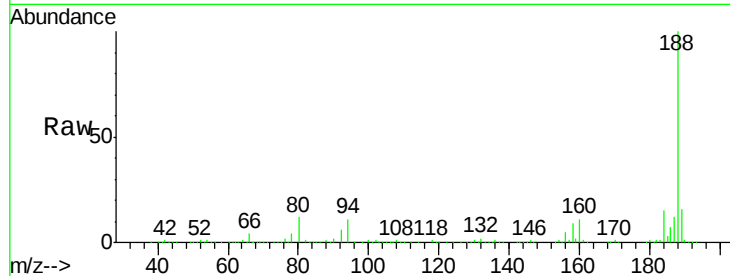




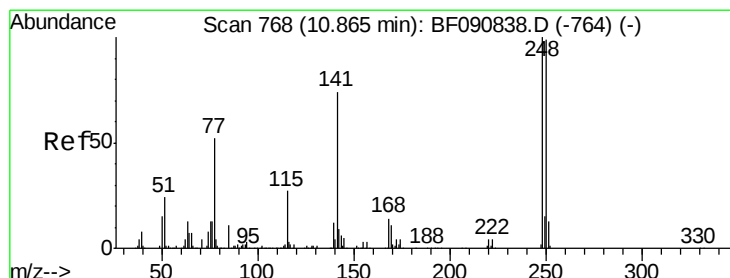
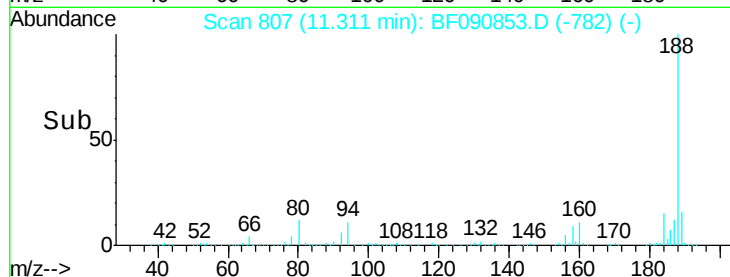
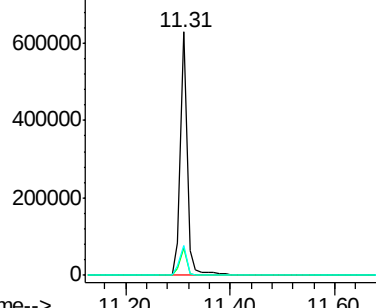
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090853.D
Acq: 26 Oct 2016 21:16

Instrument :
BNA_F
ClientSampleId :
C0AA0

Tgt Ion:188 Resp: 578149
Ion Ratio Lower Upper
188 100
94 11.2 11.1 16.7
80 12.4 11.0 16.4

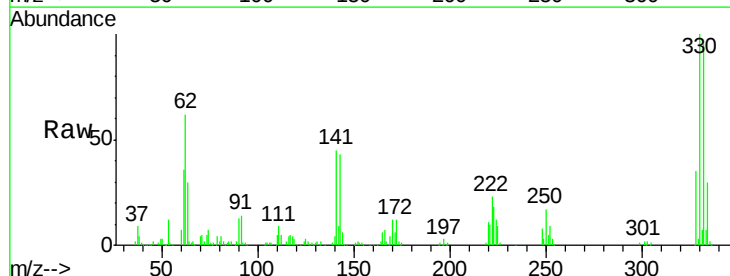


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

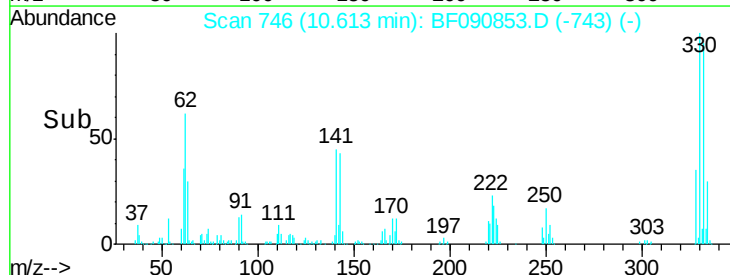
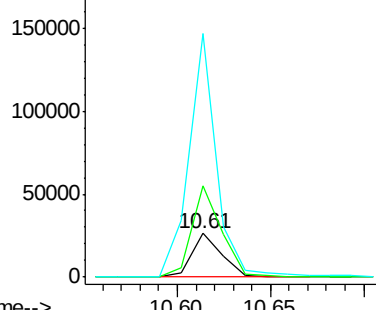


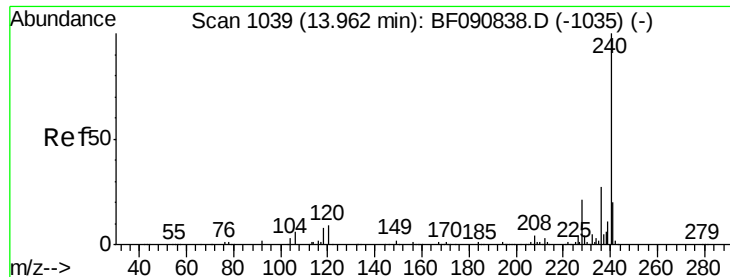
#66
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.26 min
Lab File: BF090853.D
Acq: 26 Oct 2016 21:16

Tgt Ion:248 Resp: 29389
Ion Ratio Lower Upper
248 100
250 208.3 78.5 117.7#
141 558.6 59.0 88.6#



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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090853.D

Acq: 26 Oct 2016 21:16

Instrument :

BNA_F

ClientSampleId :

C0AA0

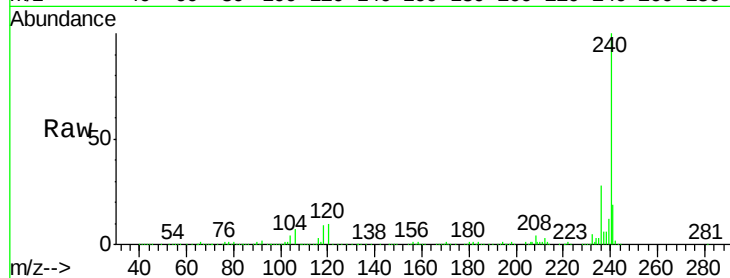
Tgt Ion:240 Resp: 504245

Ion Ratio Lower Upper

240 100

120 10.0 16.2 24.2#

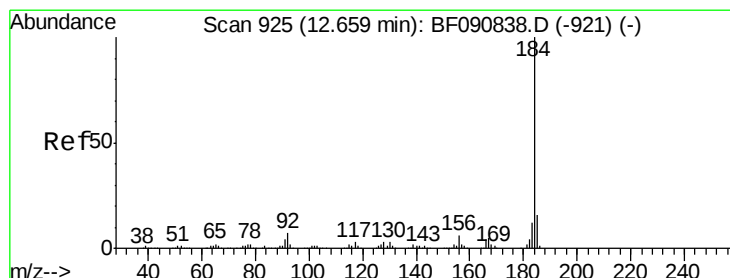
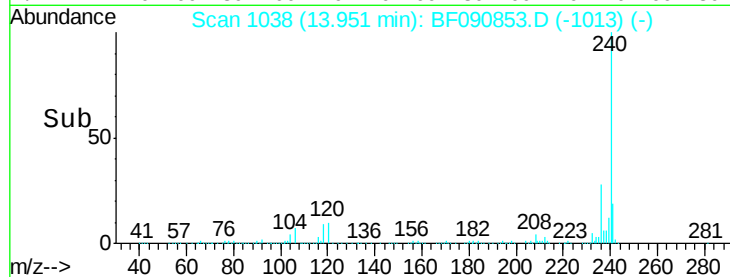
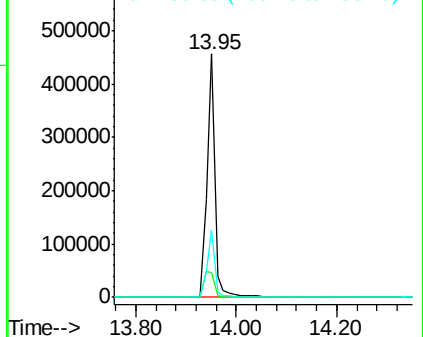
236 27.5 18.4 27.6



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



#76

Benzidine

Concen: 2.45 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.23 min

Lab File: BF090853.D

Acq: 26 Oct 2016 21:16

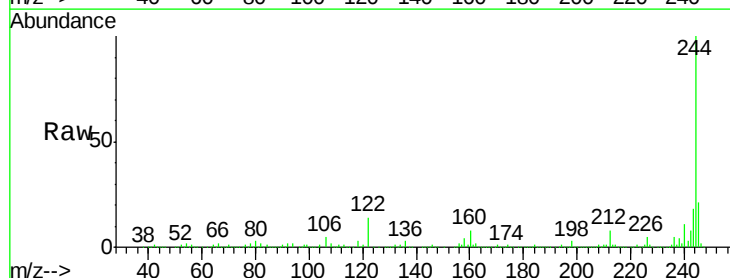
Tgt Ion:184 Resp: 27010

Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.6

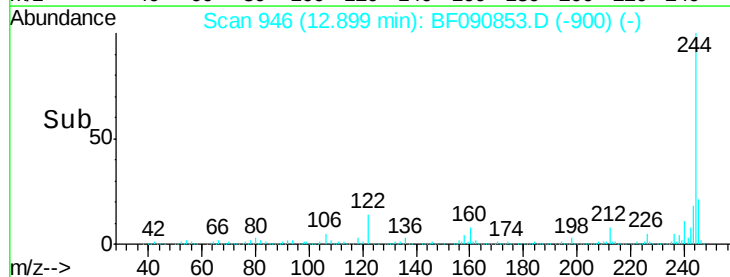
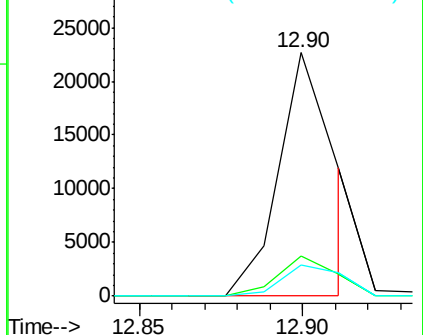
183 12.7 7.6 11.4#

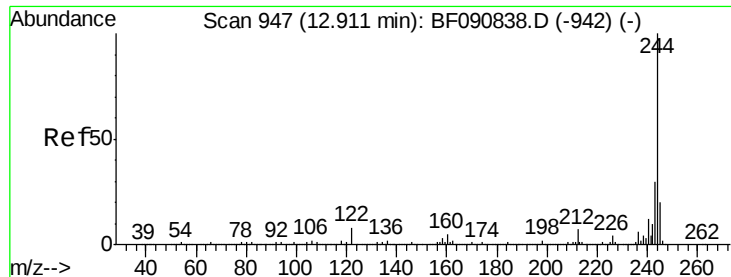


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 111.03 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090853.D

Acq: 26 Oct 2016 21:16

Instrument :

BNA_F

ClientSampleId :

C0AA0

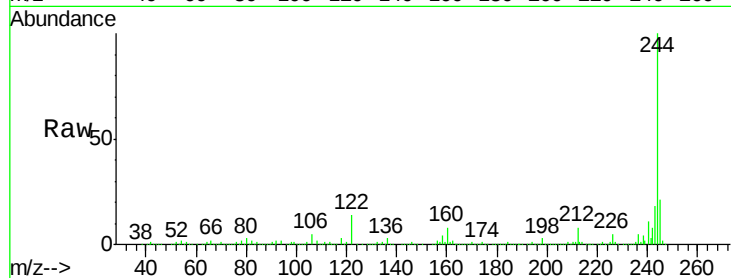
Tgt Ion:244 Resp: 2222185

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

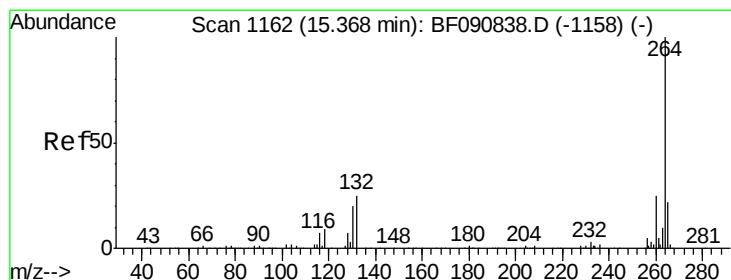
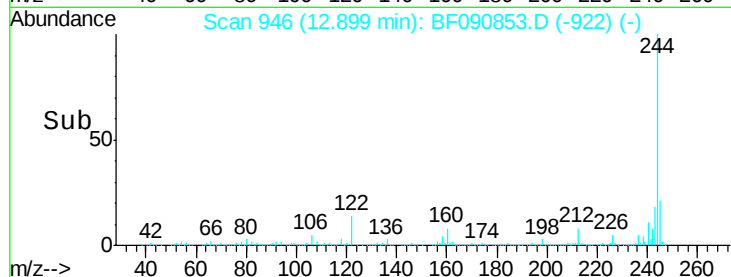
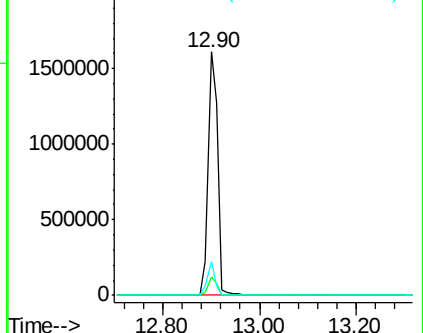
122 13.9 17.4 26.2#



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: 15.36 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF090853.D

Acq: 26 Oct 2016 21:16

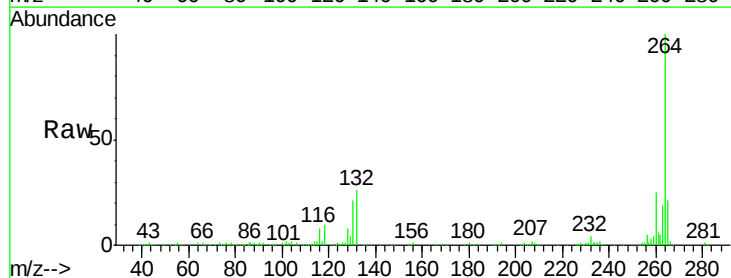
Tgt Ion:264 Resp: 281528

Ion Ratio Lower Upper

264 100

260 25.3 16.7 25.1#

265 20.6 17.2 25.8



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

