

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084403.D
 Acq On : 12 Jan 2016 2:45
 Operator : SJ/UM
 Sample : H1066-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 54TH-STREET-FIELDBLANK-1

Quant Time: Jan 12 04:50:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

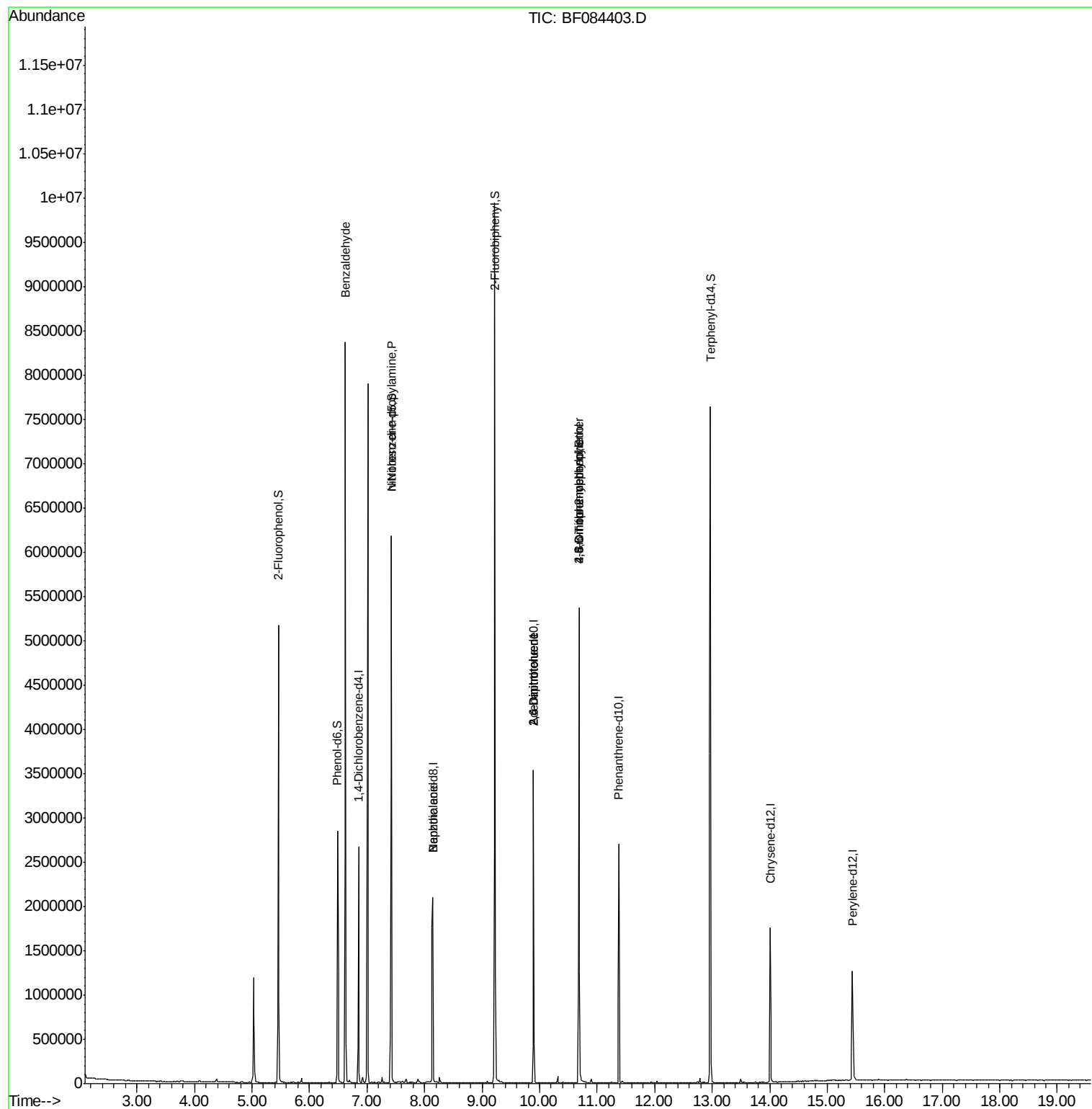
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	352352	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1352754	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	632930	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1008399	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	653009	20.00	ng	-0.06
86) Perylene-d12	15.44	264	572192	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1333428	61.21	ng	-0.03
7) Phenol-d6	6.49	99	1080722	39.50	ng	-0.05
23) Nitrobenzene-d5	7.42	82	2382843	98.03	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	660239	103.32	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	3005625	83.42	ng	-0.05
78) Terphenyl-d14	12.97	244	2532311	86.56	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.62	77	53569	3.01	ng	# 77
19) n-Nitroso-di-n-propylamine	7.42	70	333474	18.01	ng	# 75
32) Benzoic acid	8.14	122	287	6.27	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	82960	8.36	ng	# 37
54) Dibenzofuran	10.10	168	524	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.89	165	82963	6.61	ng	# 21
57) Fluorene	10.68	166	27716	Below Cal	#	86
64) 4,6-Dinitro-2-methylphenol	10.68	198	1246	6.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	41178	3.79	ng	# 1
73) Di-n-butylphthalate	11.94	149	9834	Below Cal		98

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

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54TH-STREET-FIELDBLANK-1

Quant Time: Jan 12 04:50:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084403.D

Acq: 12 Jan 2016 2:45

Instrument :

BNA_F

ClientSampleId :

54TH-STREET-FIELDBLANK-1

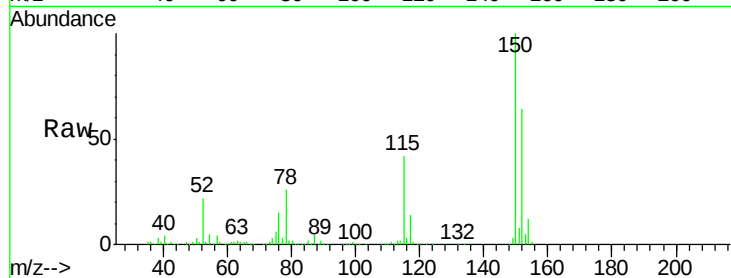
Tgt Ion:152 Resp: 352352

Ion Ratio Lower Upper

152 100

150 155.3 123.0 184.4

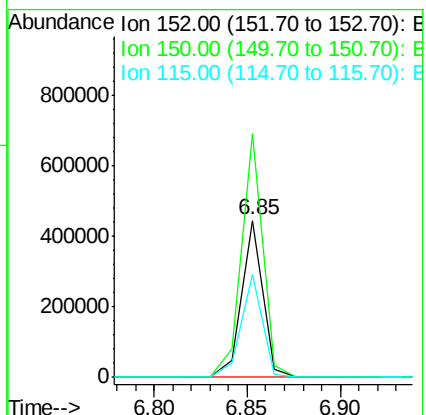
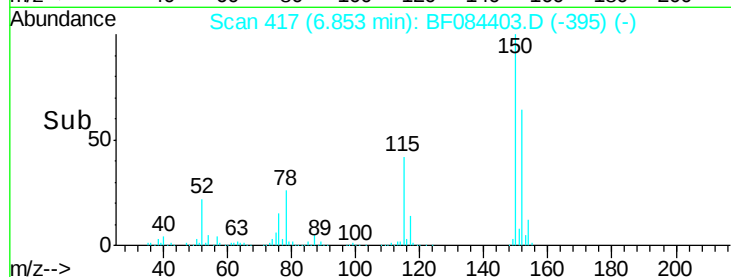
115 65.4 51.4 77.2



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: 61.21 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084403.D

Acq: 12 Jan 2016 2:45

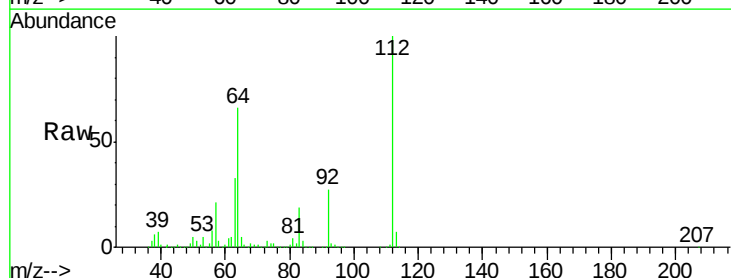
Tgt Ion:112 Resp: 1333428

Ion Ratio Lower Upper

112 100

64 66.0 36.6 55.0#

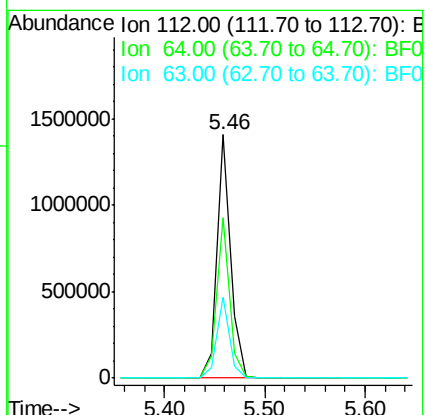
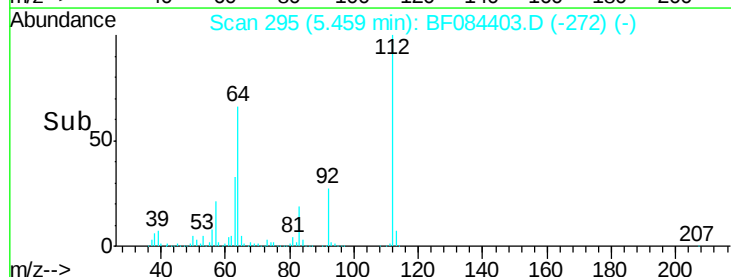
63 33.1 19.4 29.0#

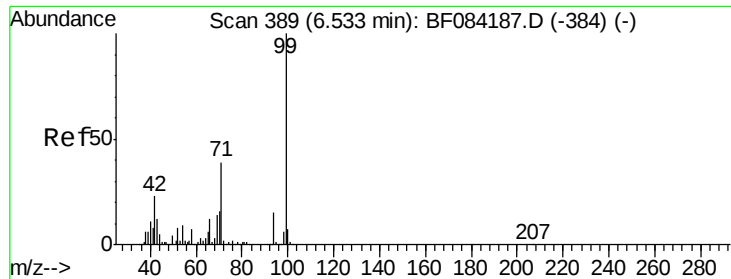


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.50 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084403.D

Acq: 12 Jan 2016 2:45

Instrument :

BNA_F

ClientSampleId :

54TH-STREET-FIELDBLANK-1

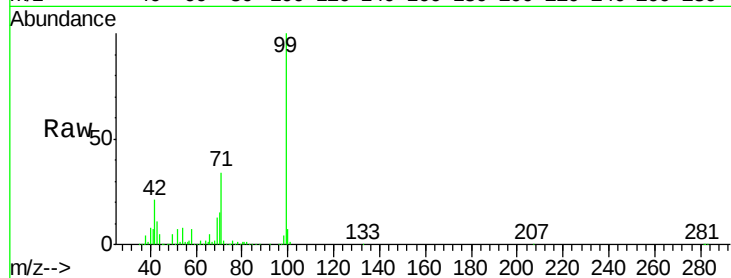
Tgt Ion: 99 Resp: 1080722

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

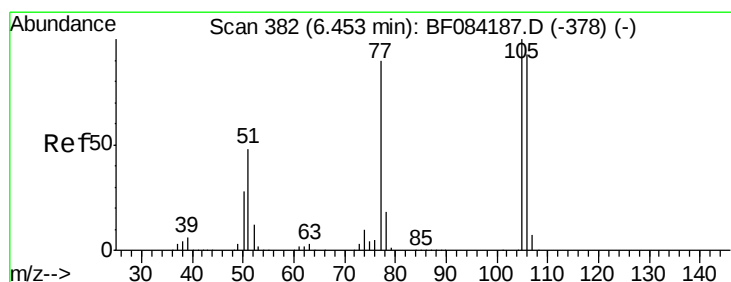
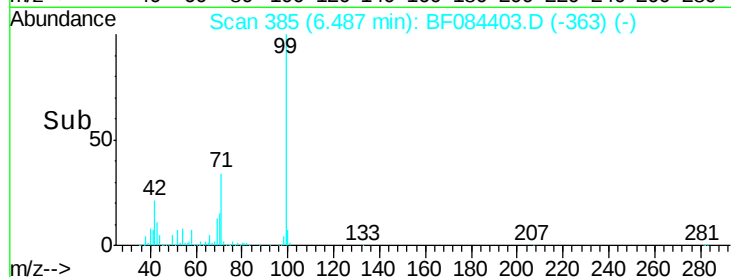
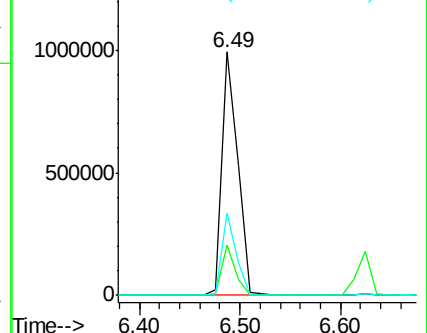
71 34.0 30.9 46.3



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: 3.01 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.17 min

Lab File: BF084403.D

Acq: 12 Jan 2016 2:45

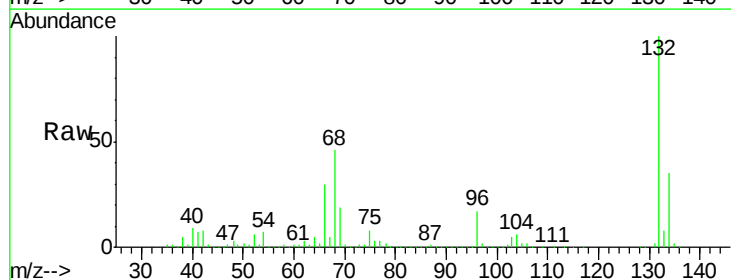
Tgt Ion: 77 Resp: 53569

Ion Ratio Lower Upper

77 100

105 77.3 83.0 123.0#

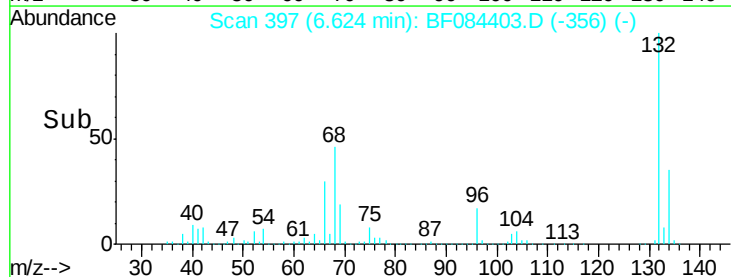
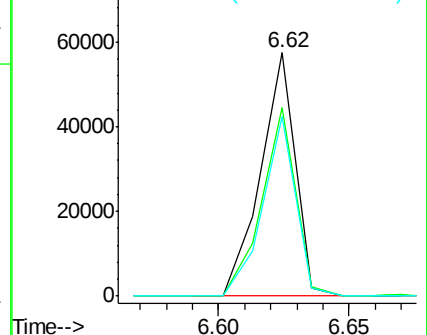
106 73.9 74.6 114.6#

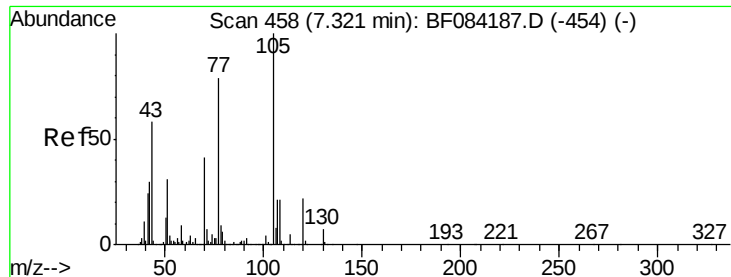


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

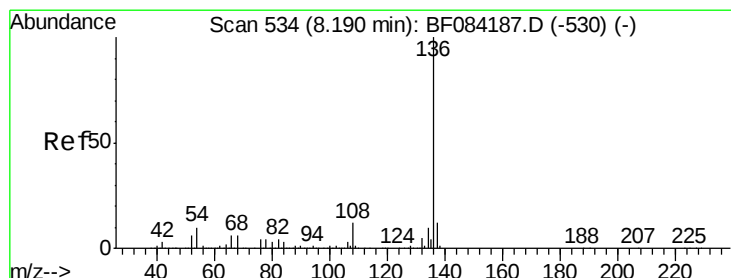
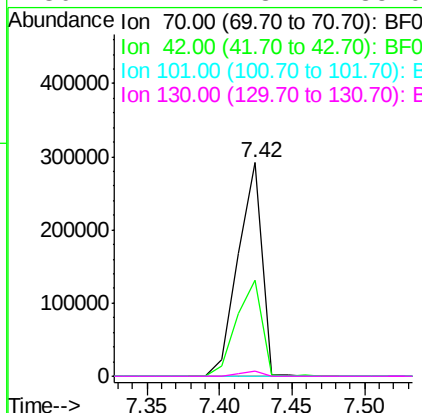
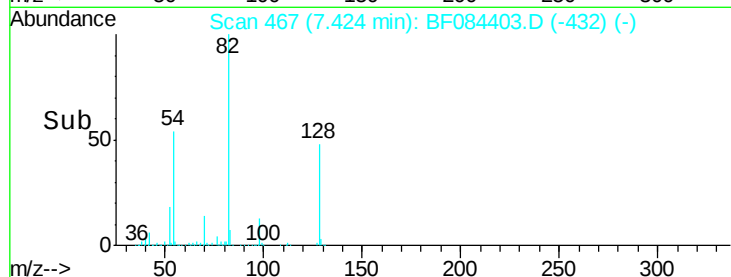
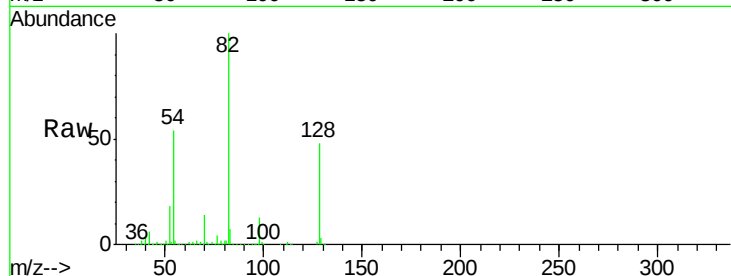




#19
n-Nitroso-di-n-propylamine
Concen: 18.01 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084403.D
Acq: 12 Jan 2016 2:45

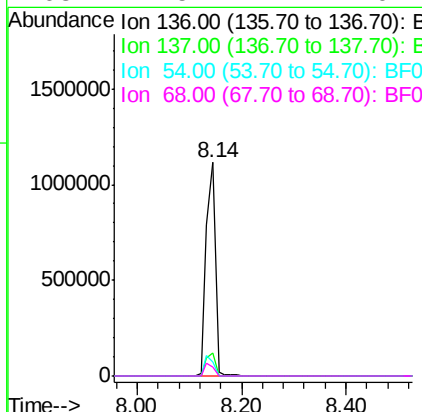
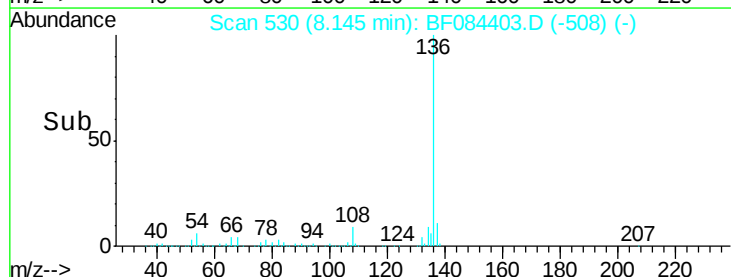
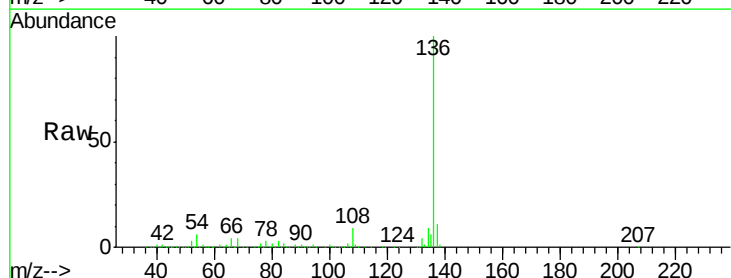
Instrument :
BNA_F
ClientSampleId :
54TH-STREET-FIELDBLANK-1

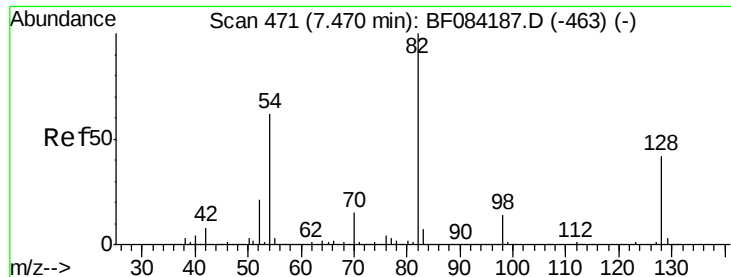
Tgt Ion: 70 Resp: 333474
Ion Ratio Lower Upper
70 100
42 44.7 33.3 49.9
101 0.0 9.3 13.9#
130 2.1 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084403.D
Acq: 12 Jan 2016 2:45

Tgt Ion: 136 Resp: 1352754
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.4 5.8 8.8
68 4.5 4.2 6.2





#23

Nitrobenzene-d5

Concen: 98.03 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084403.D

Acq: 12 Jan 2016 2:45

Instrument :

BNA_F

ClientSampleId :

54TH-STREET-FIELDBLANK-1

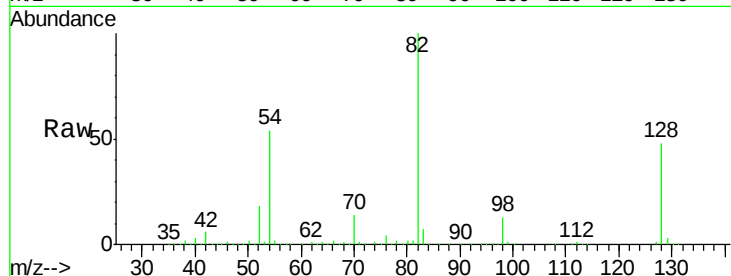
Tgt Ion: 82 Resp: 2382843

Ion Ratio Lower Upper

82 100

128 48.4 34.6 51.8

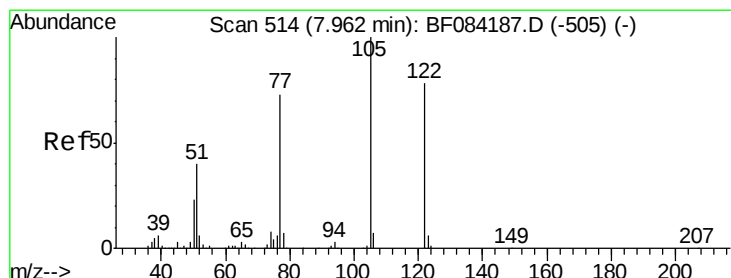
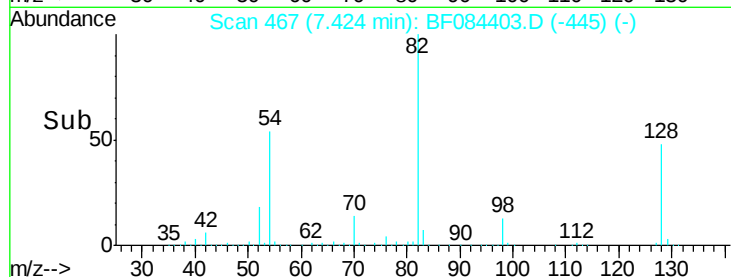
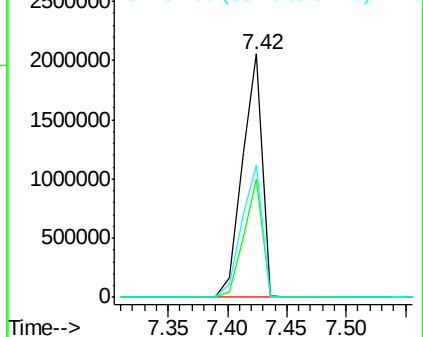
54 54.4 38.4 57.6



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



#32

Benzoic acid

Concen: 6.27 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.18 min

Lab File: BF084403.D

Acq: 12 Jan 2016 2:45

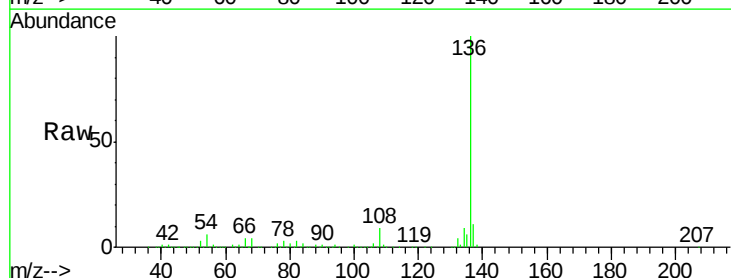
Tgt Ion: 122 Resp: 287

Ion Ratio Lower Upper

122 100

105 212.4 100.3 140.3#

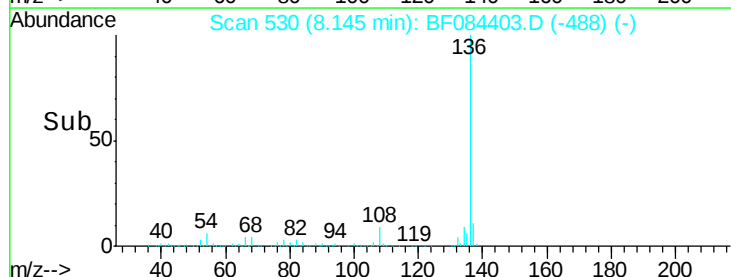
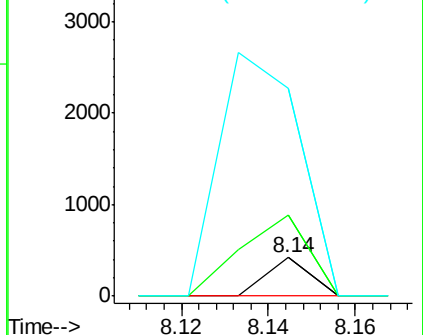
77 543.9 63.5 103.5#

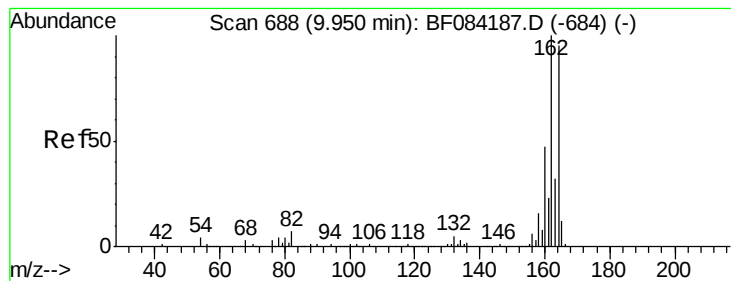


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084403.D

Acq: 12 Jan 2016 2:45

Instrument :

BNA_F

ClientSampleId :

54TH-STREET-FIELDBLANK-1

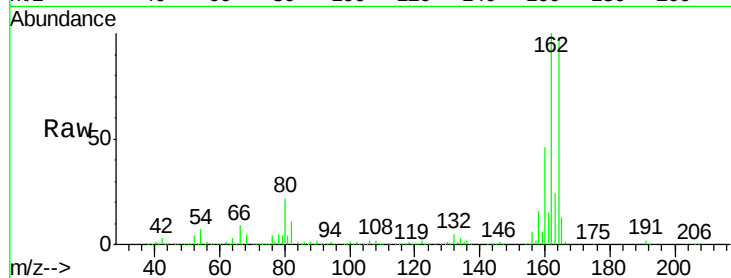
Tgt Ion:164 Resp: 632930

Ion Ratio Lower Upper

164 100

162 102.1 85.1 127.7

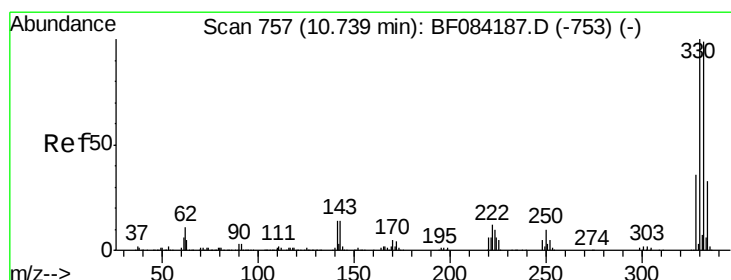
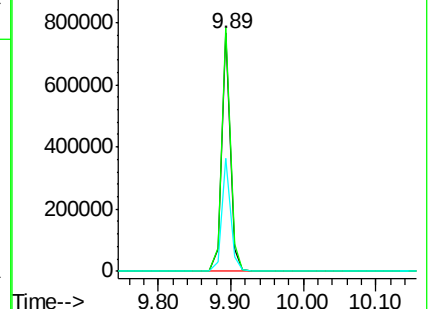
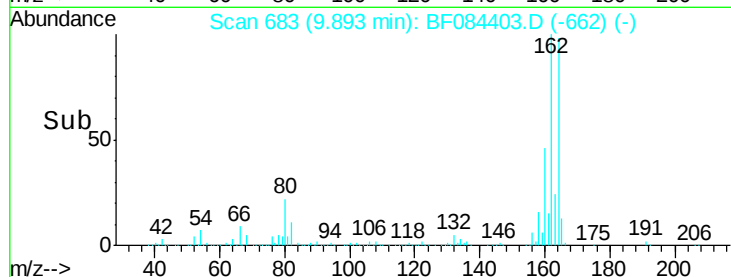
160 47.2 37.5 56.3



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: 103.32 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084403.D

Acq: 12 Jan 2016 2:45

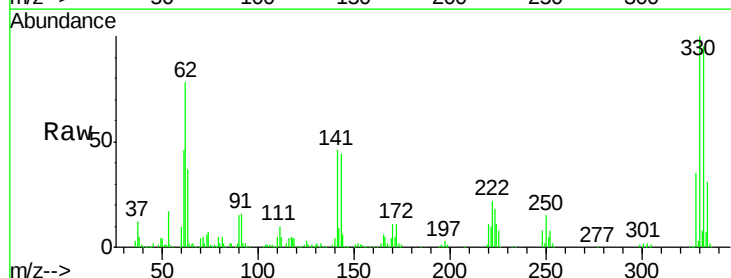
Tgt Ion:330 Resp: 660239

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

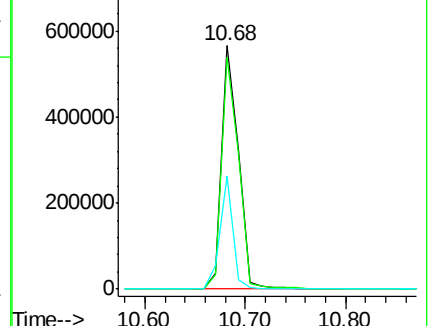
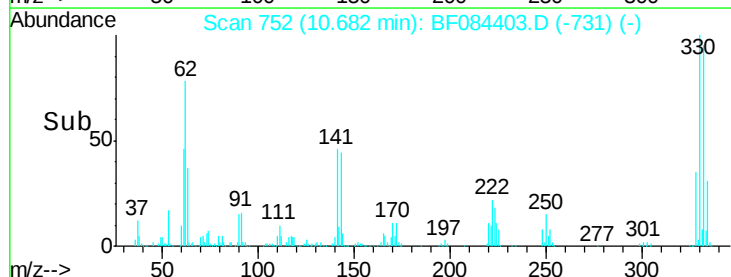
141 36.6 27.8 41.6

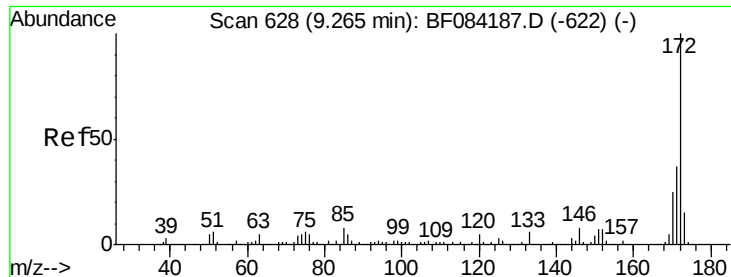


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

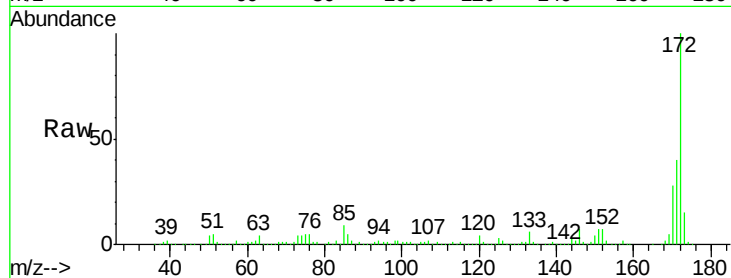




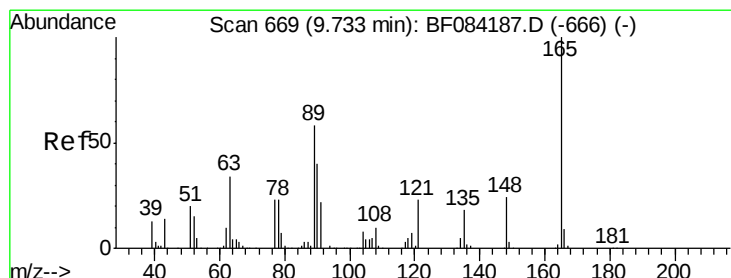
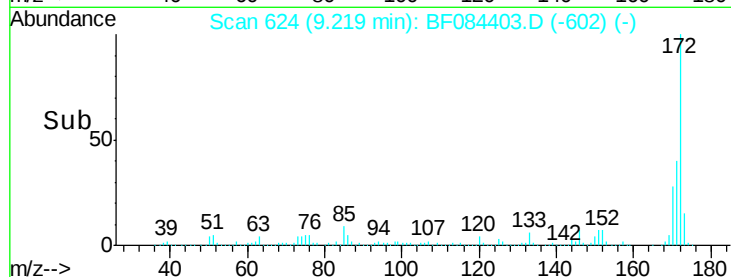
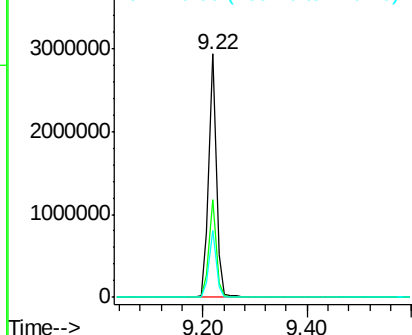
#44
 2-Fluorobiphenyl
 Concen: 83.42 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084403.D
 Acq: 12 Jan 2016 2:45

Instrument :
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Tgt Ion:172 Resp: 3005625
 Ion Ratio Lower Upper
 172 100
 171 40.0 28.9 43.3
 170 27.7 18.6 27.8

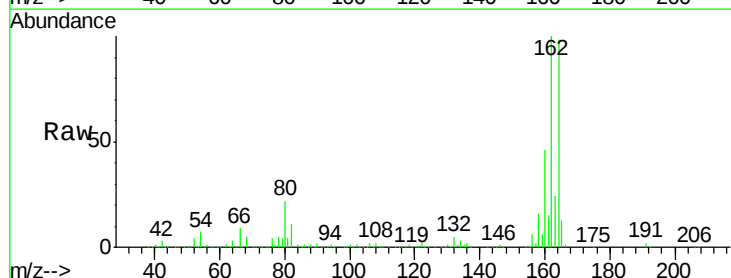


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

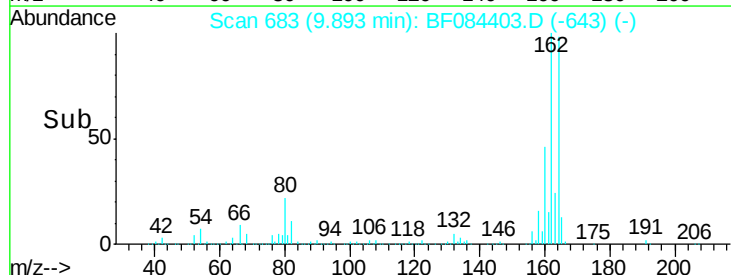
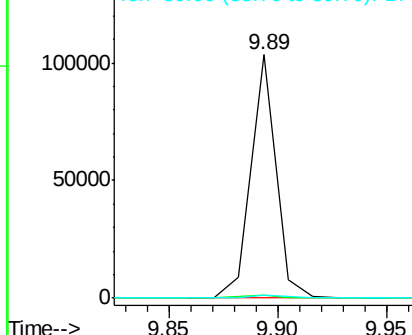


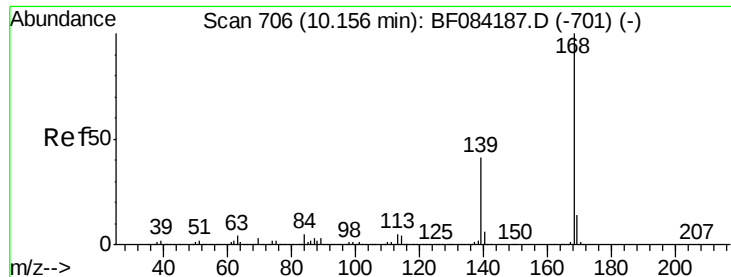
#50
 2,6-Dinitrotoluene
 Concen: 8.36 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.16 min
 Lab File: BF084403.D
 Acq: 12 Jan 2016 2:45

Tgt Ion:165 Resp: 82960
 Ion Ratio Lower Upper
 165 100
 63 1.5 28.8 43.2#
 89 1.5 35.1 52.7#



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

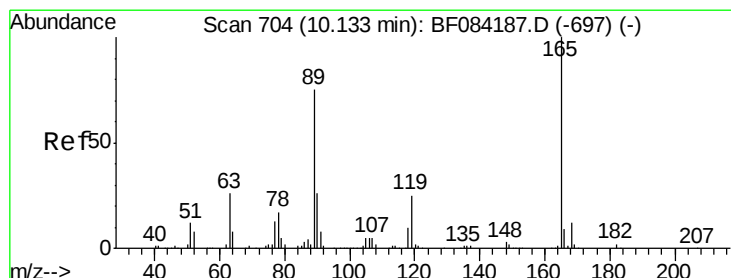
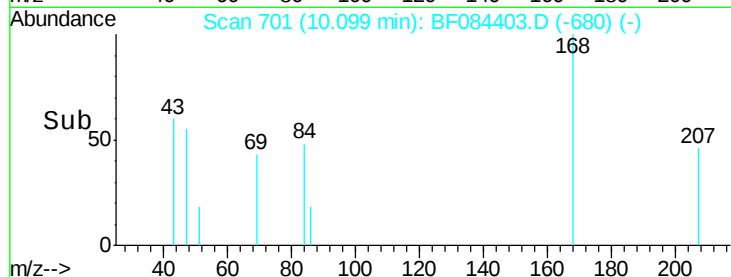
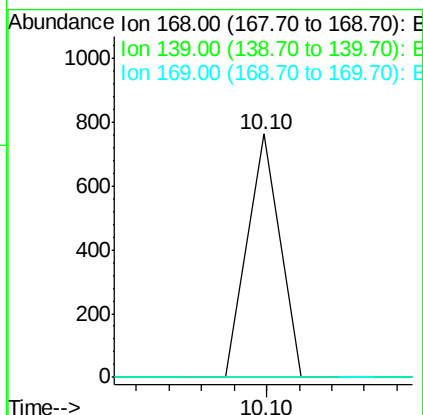
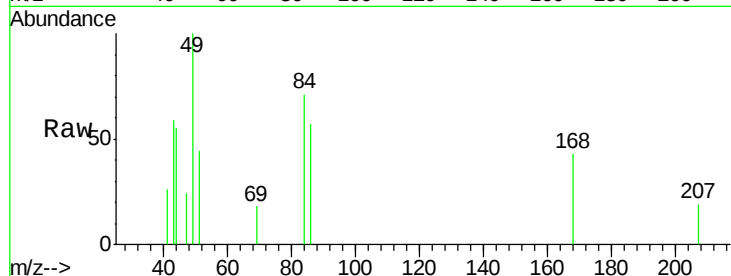




#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084403.D
Acq: 12 Jan 2016 2:45

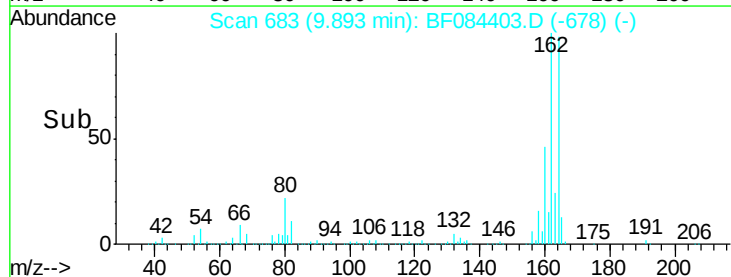
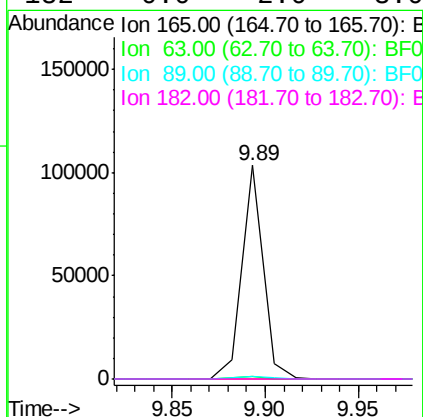
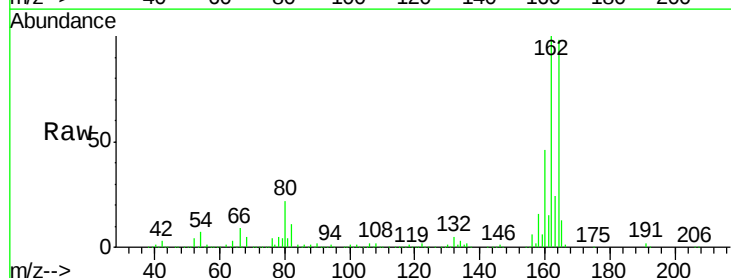
Instrument :
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54TH-STREET-FIELDBLANK-1

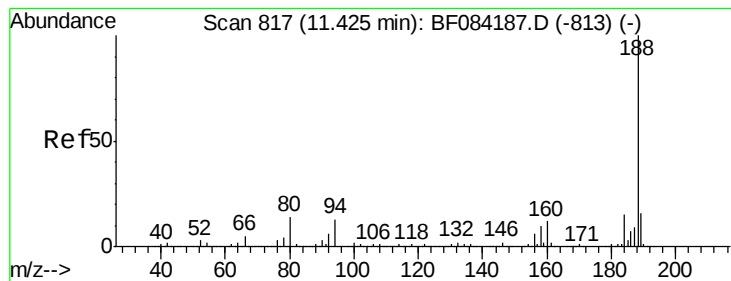
Tgt Ion:168 Resp: 524
Ion Ratio Lower Upper
168 100
139 0.0 30.5 45.7#
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084403.D
Acq: 12 Jan 2016 2:45

Tgt Ion:165 Resp: 82963
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.5 61.9 92.9#
182 0.0 2.0 3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084403.D

Acq: 12 Jan 2016 2:45

Instrument :

BNA_F

ClientSampleId :

54TH-STREET-FIELDBLANK-1

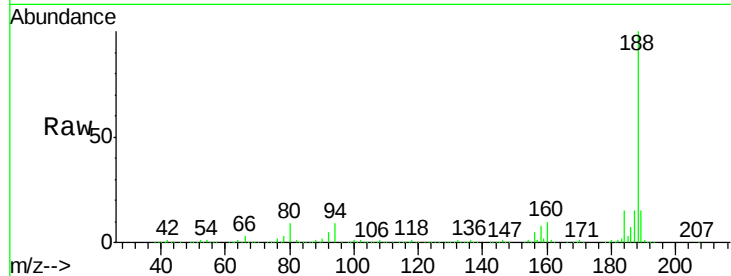
Tgt Ion:188 Resp: 1008399

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.4

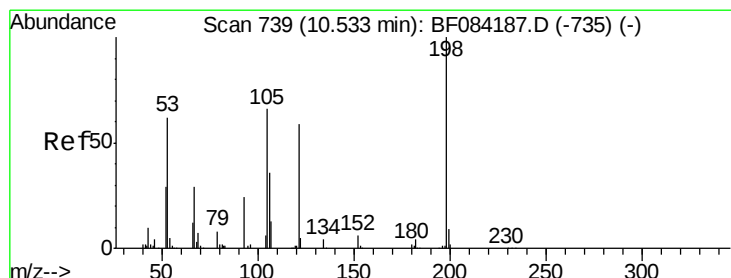
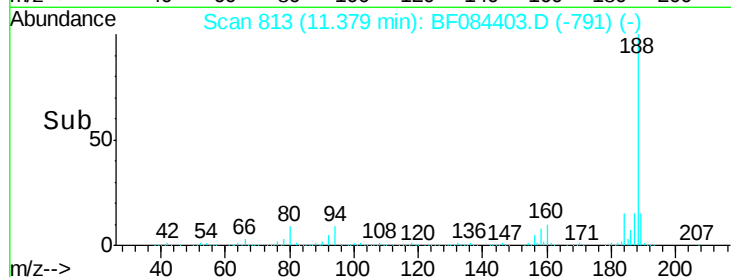
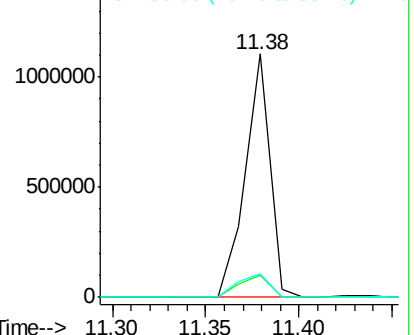
80 9.5 9.6 14.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.57 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084403.D

Acq: 12 Jan 2016 2:45

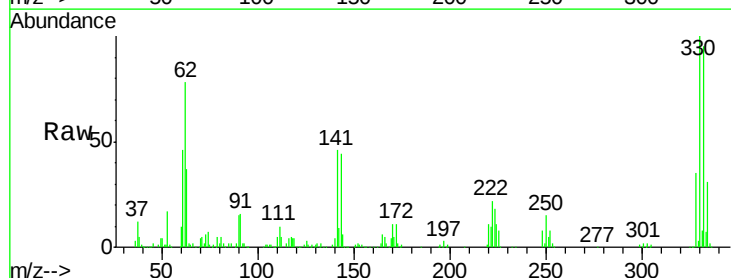
Tgt Ion:198 Resp: 1246

Ion Ratio Lower Upper

198 100

51 257.1 18.9 58.9#

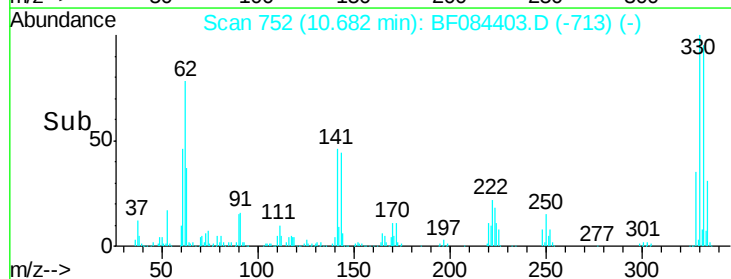
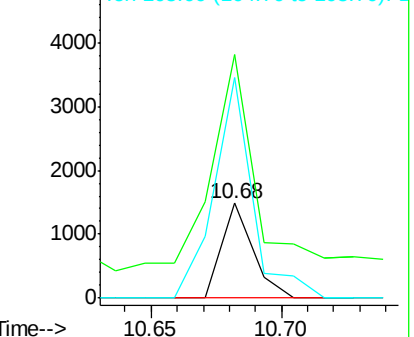
105 232.6 26.4 66.4#

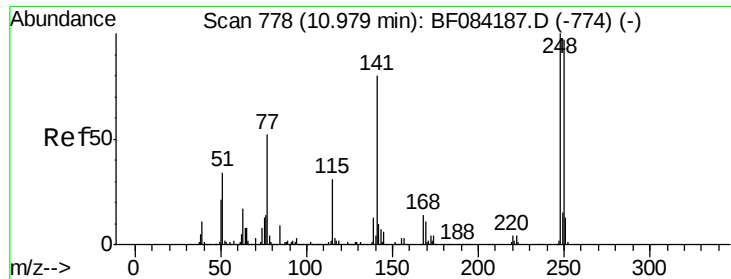


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

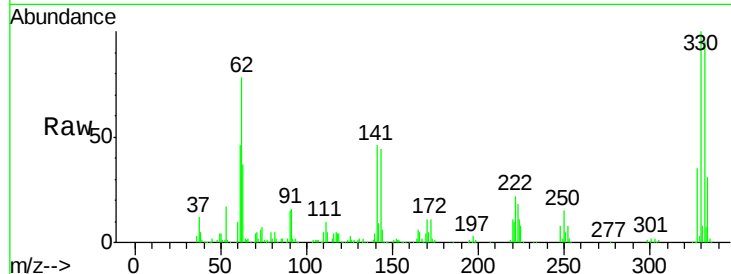




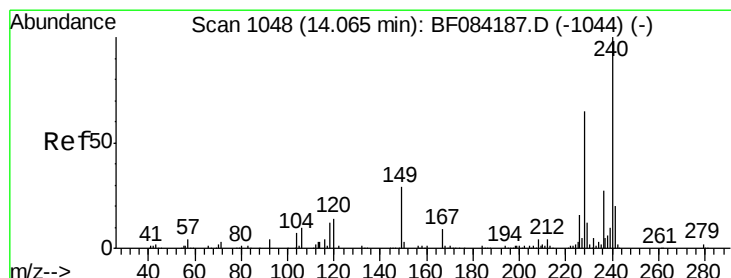
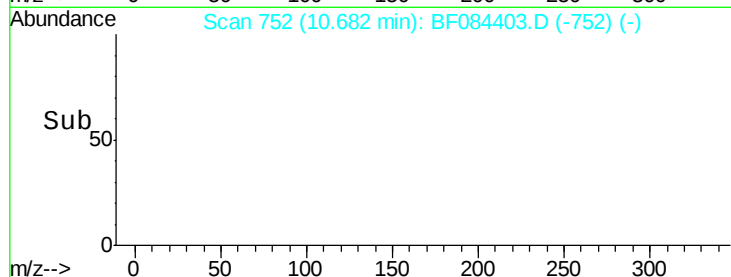
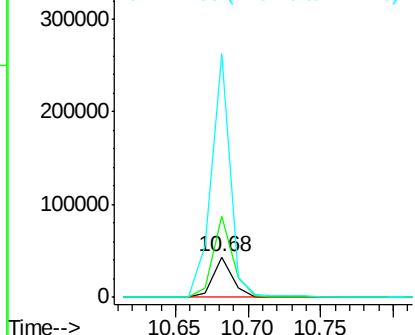
#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.30 min
Lab File: BF084403.D
Acq: 12 Jan 2016 2:45

Instrument :
BNA_F
ClientSampleId :
54TH-STREET-FIELDBLANK-1

Tgt Ion:248 Resp: 41178
Ion Ratio Lower Upper
248 100
250 200.3 78.4 117.6#
141 605.7 44.0 66.0#

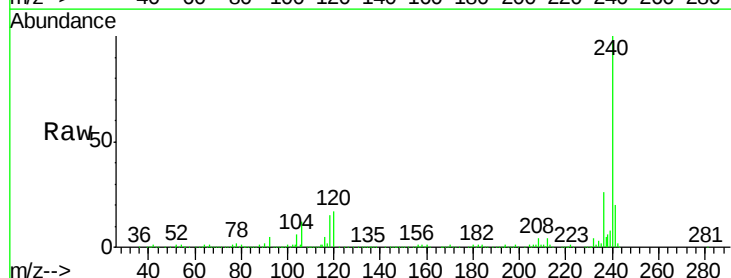


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

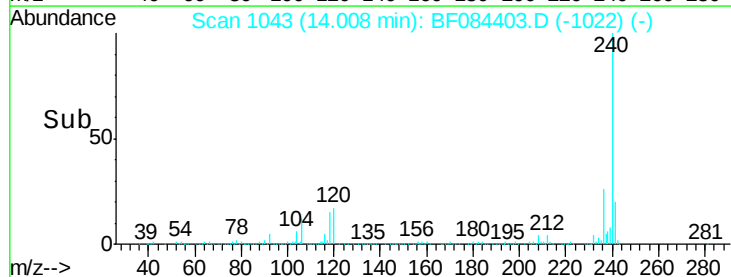
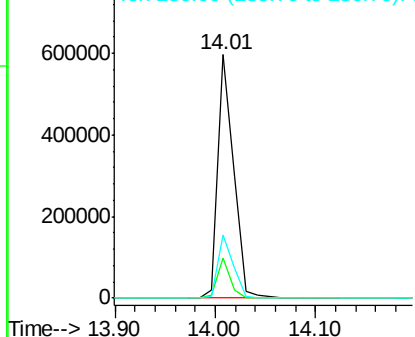


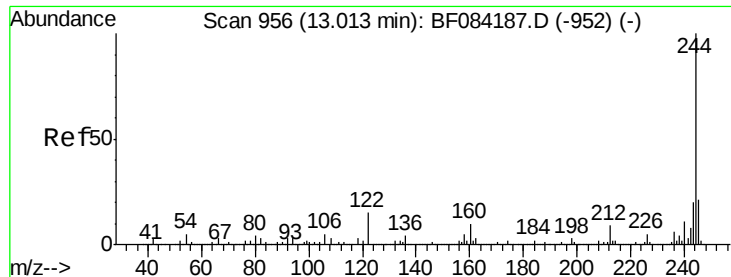
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084403.D
Acq: 12 Jan 2016 2:45

Tgt Ion:240 Resp: 653009
Ion Ratio Lower Upper
240 100
120 16.6 9.5 14.3#
236 25.8 20.6 31.0



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

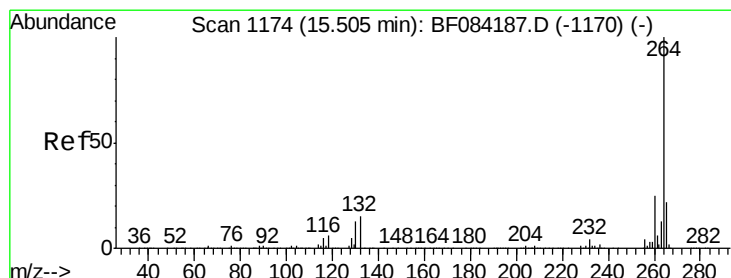
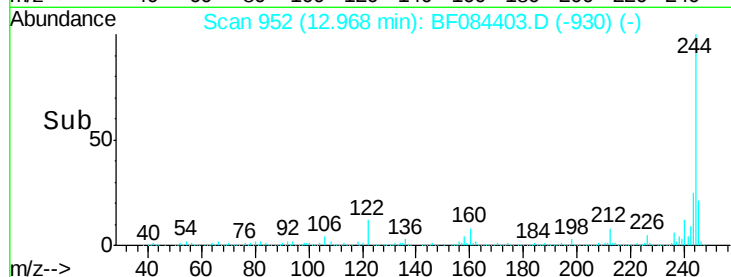
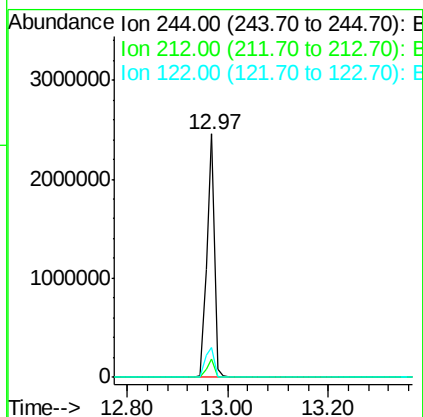
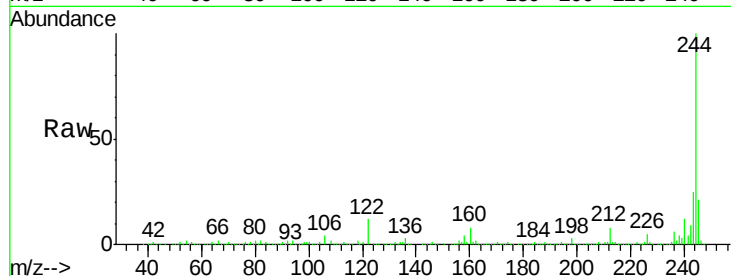




#78
 Terphenyl-d14
 Concen: 86.56 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084403.D
 Acq: 12 Jan 2016 2:45

Instrument :
 BNA_F
 ClientSampleId :
 54TH-STREET-FIELDBLANK-1

Tgt Ion:244 Resp: 2532311
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 12.3 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF084403.D
 Acq: 12 Jan 2016 2:45

Tgt Ion:264 Resp: 572192
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.8 17.8 26.6

