

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084400.D
 Acq On : 12 Jan 2016 1:22
 Operator : SJ/UM
 Sample : H1066-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 54TH-STREET-TRIPBLANK-1-1-06-1

Quant Time: Jan 12 02:24:23 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

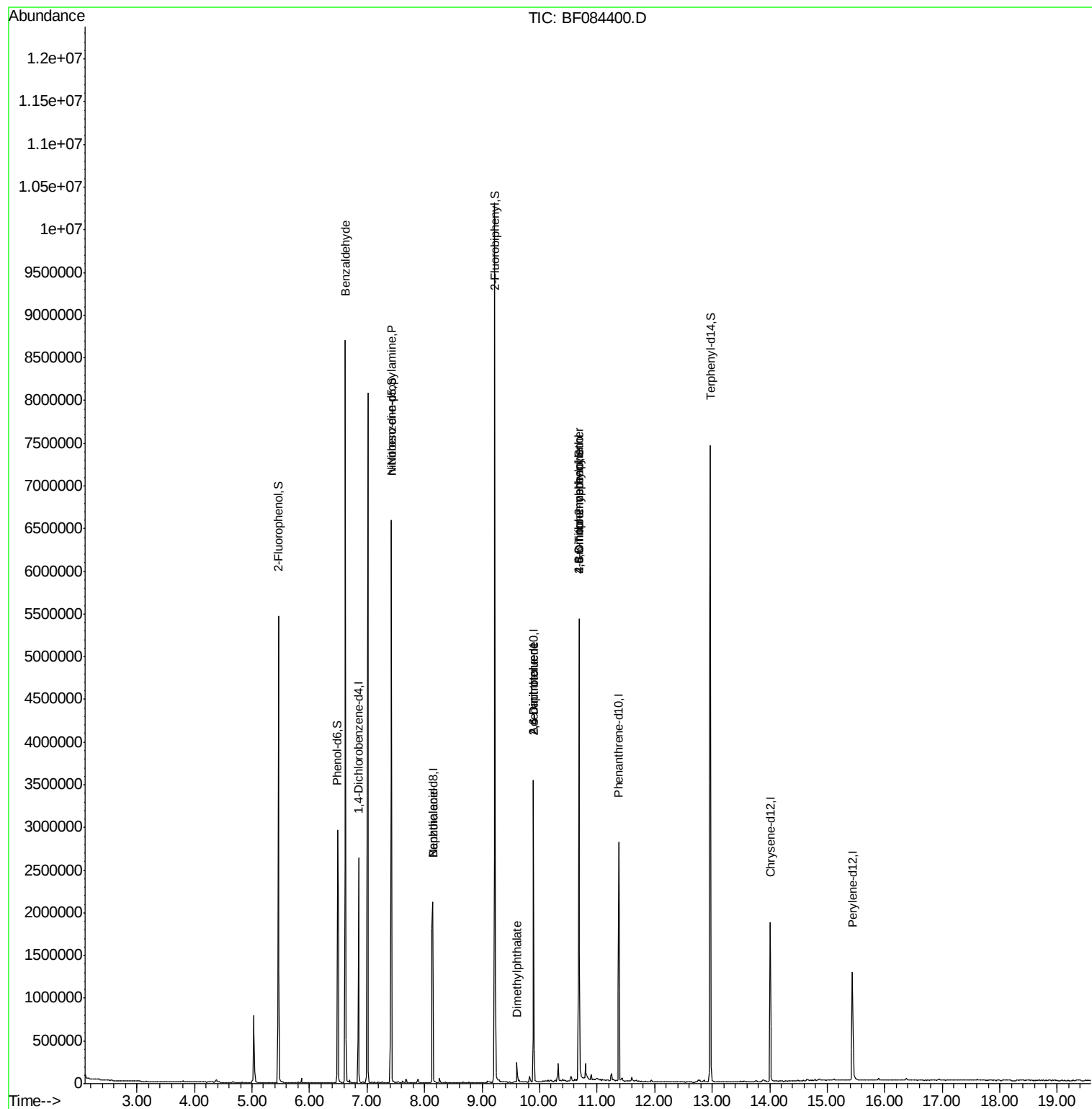
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	361176	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1372168	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	640731	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1057975	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	673282	20.00	ng	-0.06
86) Perylene-d12	15.44	264	571971	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1489518	66.71	ng	-0.03
7) Phenol-d6	6.49	99	1241855	44.28	ng	-0.05
23) Nitrobenzene-d5	7.42	82	2457961	99.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	723865	111.90	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	3028691	83.01	ng	-0.04
78) Terphenyl-d14	12.97	244	2449863	81.22	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.62	77	56067	3.07	ng	# 73
19) n-Nitroso-di-n-propylamine	7.42	70	350567	18.47	ng	# 75
32) Benzoic acid	8.14	122	246	6.26	ng	# 1
49) Dimethylphthalate	9.61	163	97364	2.13	ng	# 90
50) 2,6-Dinitrotoluene	9.89	165	83423	8.30	ng	# 37
54) Dibenzofuran	10.10	168	416	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.89	165	83749	6.59	ng	# 21
57) Fluorene	10.68	166	30495	Below Cal	#	87
64) 4,6-Dinitro-2-methylphenol	10.68	198	1592	6.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	43220	3.80	ng	# 1
73) Di-n-butylphthalate	11.94	149	12384	Below Cal	#	94

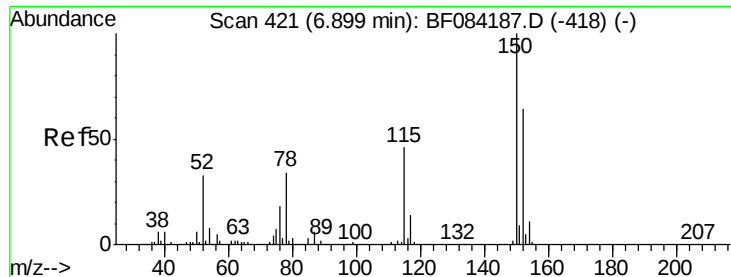
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 12 02:24:23 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: BF084400.D

Acq: 12 Jan 2016 1:22

Instrument :

BNA_F

ClientSampleId :

54TH-STREET-TRIPBLANK-1-1-06-1

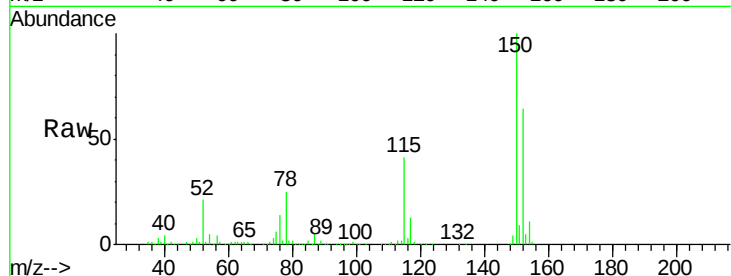
Tgt Ion:152 Resp: 361176

Ion Ratio Lower Upper

152 100

150 155.4 123.0 184.4

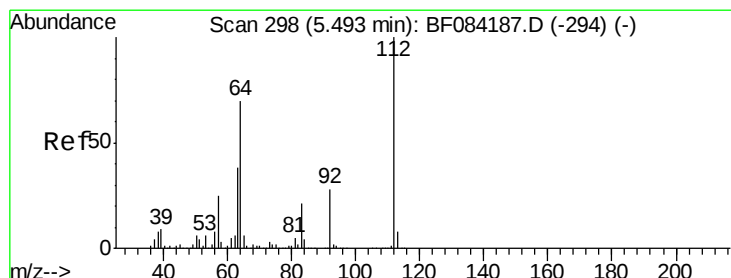
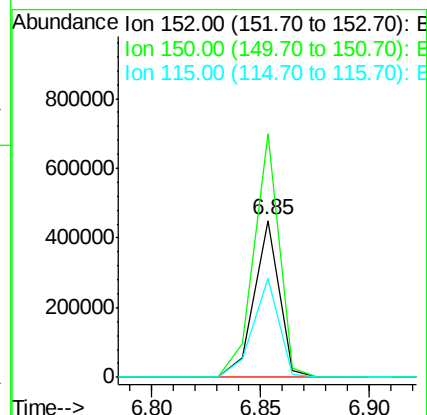
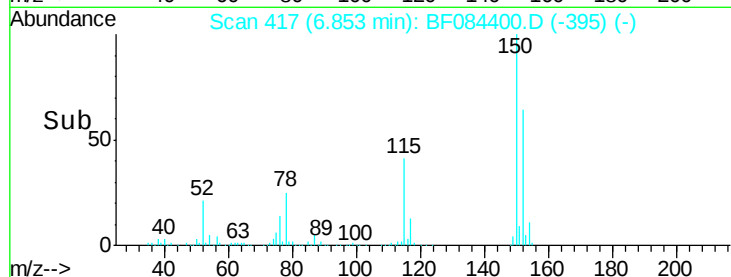
115 63.0 51.4 77.2



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: 66.71 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084400.D

Acq: 12 Jan 2016 1:22

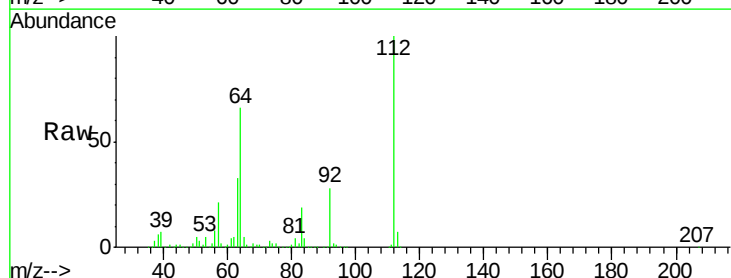
Tgt Ion:112 Resp: 1489518

Ion Ratio Lower Upper

112 100

64 66.0 36.6 55.0#

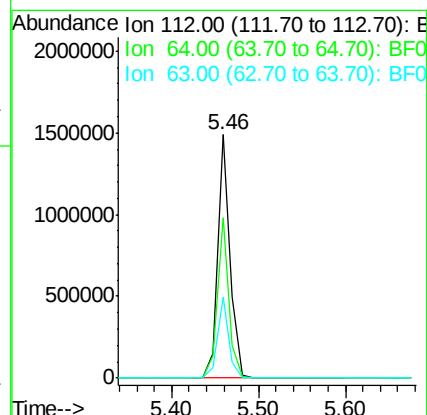
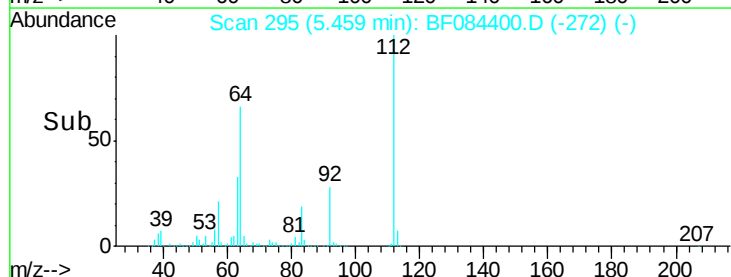
63 33.1 19.4 29.0#

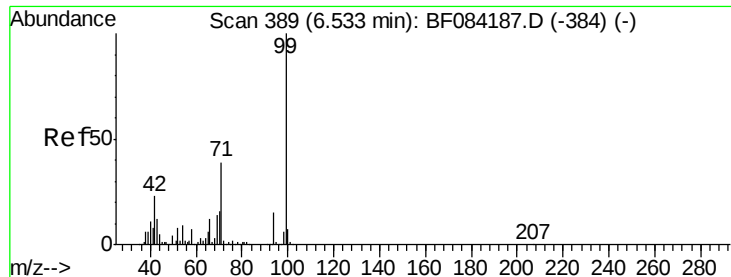


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.28 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084400.D

Acq: 12 Jan 2016 1:22

Instrument :

BNA_F

ClientSampleId :

54TH-STREET-TRIPBLANK-1-1-06-1

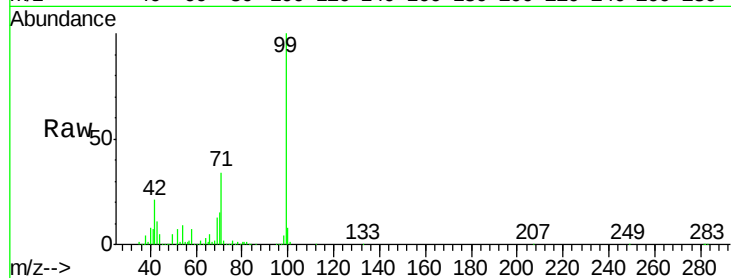
Tgt Ion: 99 Resp: 1241855

Ion Ratio Lower Upper

99 100

42 21.1 12.8 19.2#

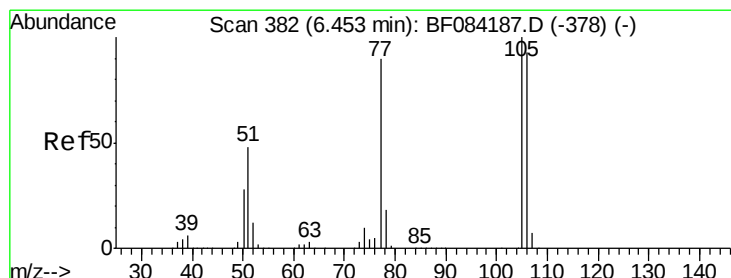
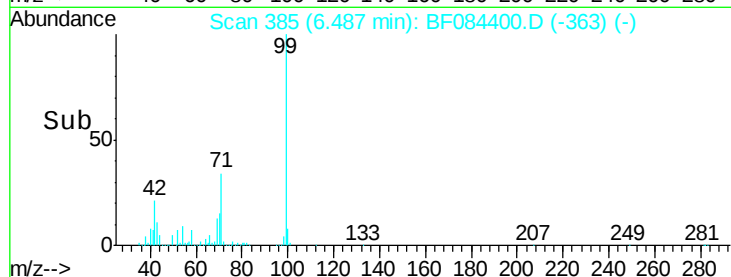
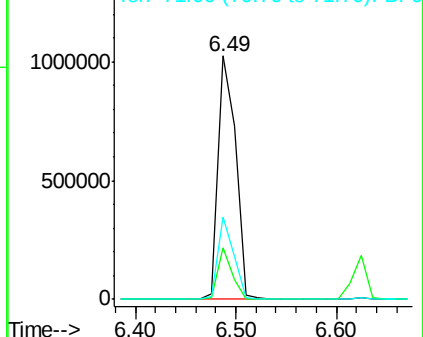
71 33.7 30.9 46.3



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: 3.07 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.17 min

Lab File: BF084400.D

Acq: 12 Jan 2016 1:22

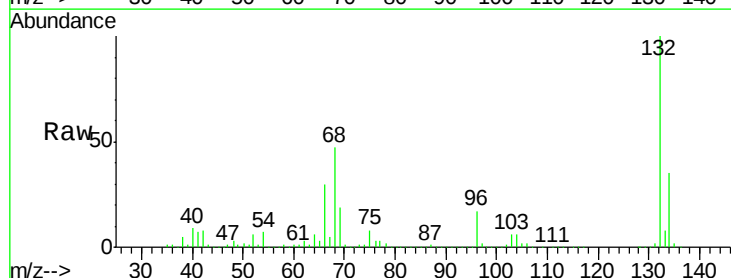
Tgt Ion: 77 Resp: 56067

Ion Ratio Lower Upper

77 100

105 72.5 83.0 123.0#

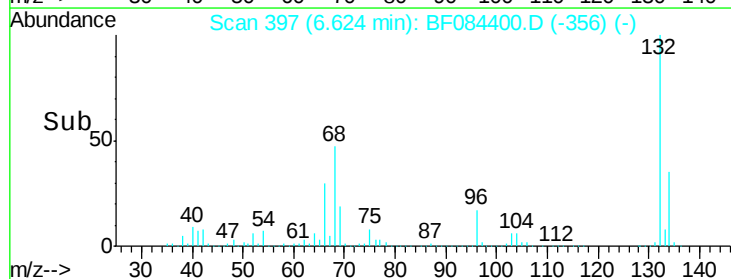
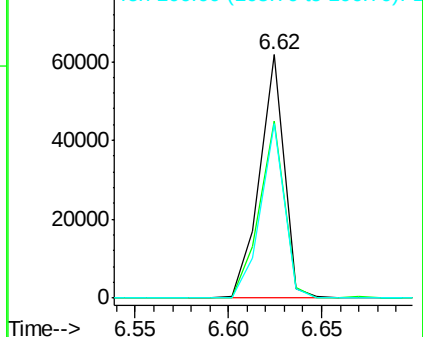
106 71.5 74.6 114.6#

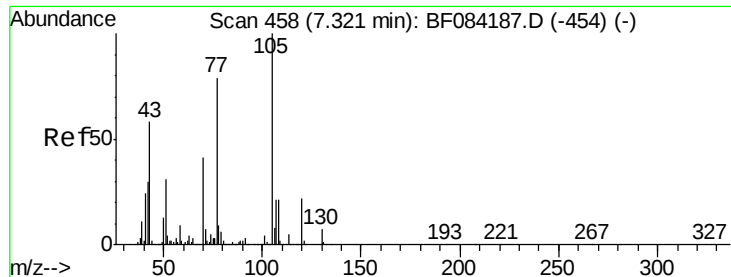


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

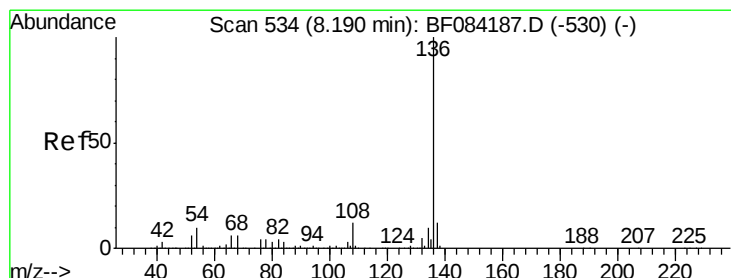
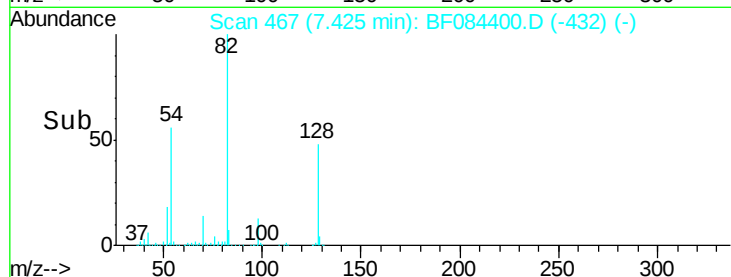
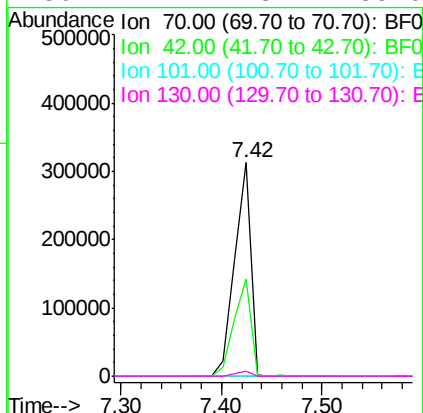
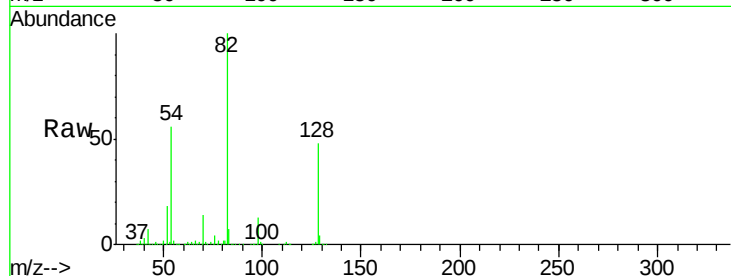




#19
n-Nitroso-di-n-propylamine
Concen: 18.47 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.10 min
Lab File: BF084400.D
Acq: 12 Jan 2016 1:22

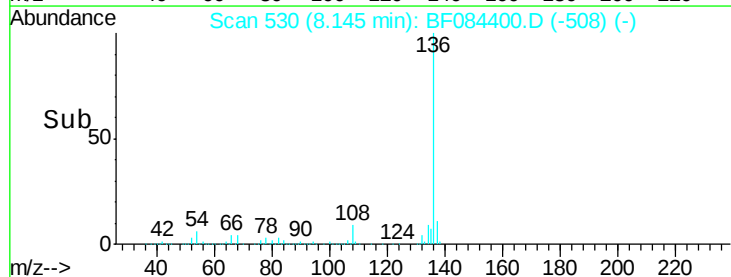
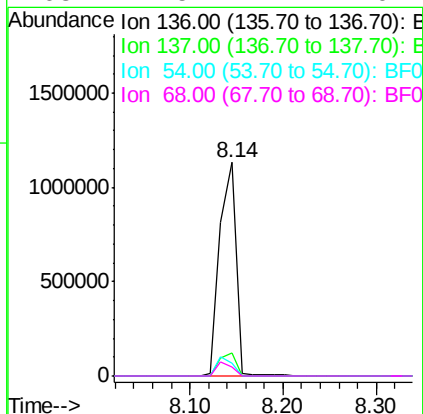
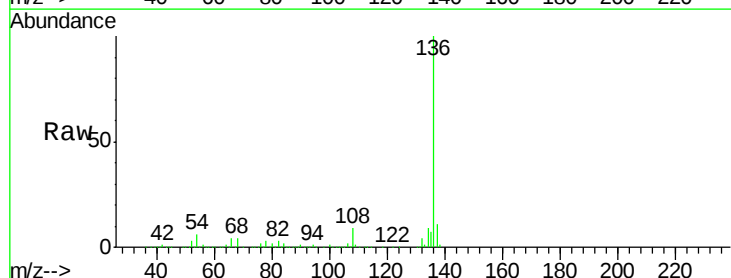
Instrument :
BNA_F
ClientSampleId :
54TH-STREET-TRIPBLANK-1-1-06-1

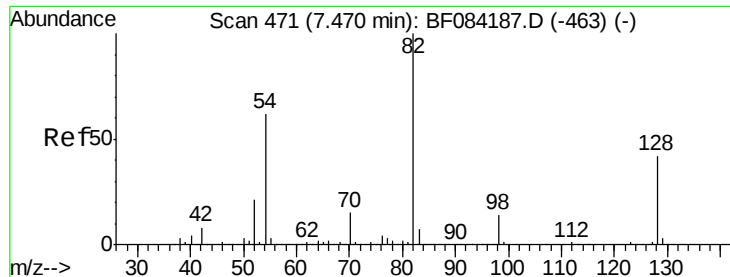
Tgt Ion: 70 Resp: 350567
Ion Ratio Lower Upper
70 100
42 45.3 33.3 49.9
101 0.0 9.3 13.9#
130 2.2 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084400.D
Acq: 12 Jan 2016 1:22

Tgt Ion: 136 Resp: 1372168
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.1 5.8 8.8
68 4.5 4.2 6.2

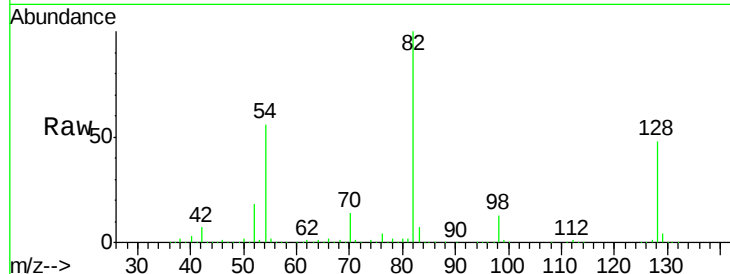




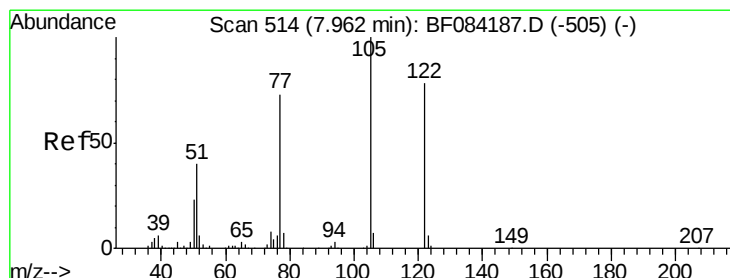
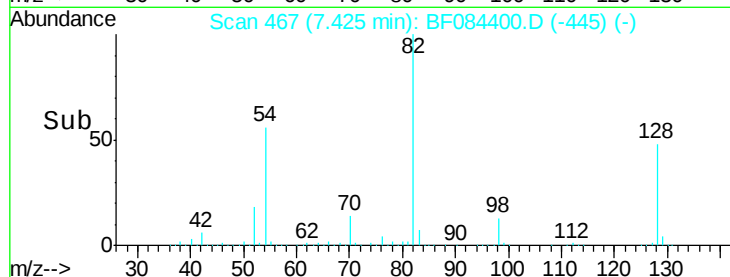
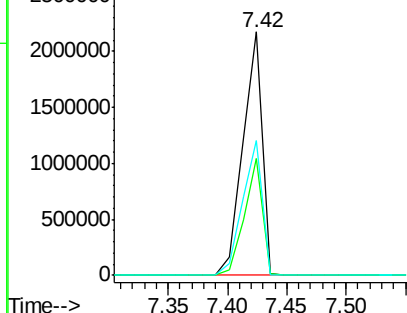
#23
Nitrobenzene-d5
Concen: 99.69 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084400.D
Acq: 12 Jan 2016 1:22

Instrument :
BNA_F
ClientSampleId :
54TH-STREET-TRIPBLANK-1-1-06-1

Tgt Ion: 82 Resp: 2457961
Ion Ratio Lower Upper
82 100
128 48.1 34.6 51.8
54 55.5 38.4 57.6

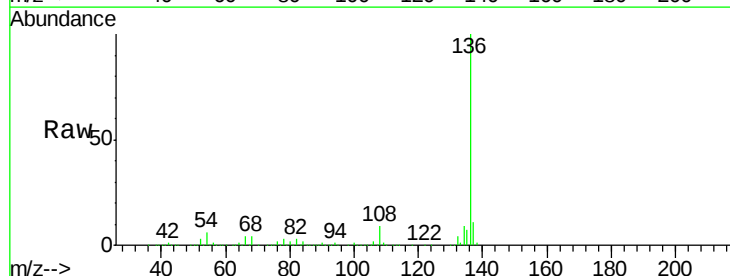


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

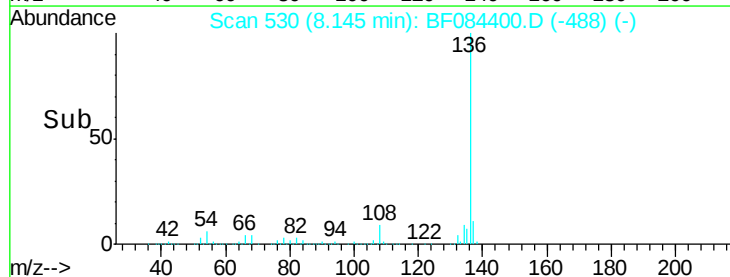
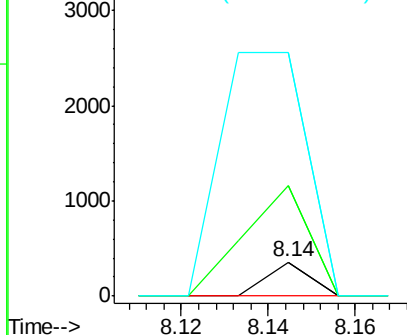


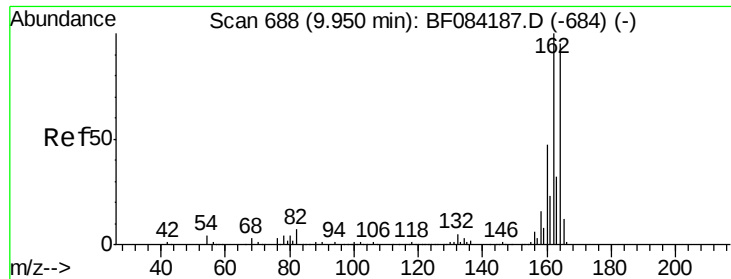
#32
Benzoic acid
Concen: 6.26 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.18 min
Lab File: BF084400.D
Acq: 12 Jan 2016 1:22

Tgt Ion: 122 Resp: 246
Ion Ratio Lower Upper
122 100
105 325.1 100.3 140.3#
77 711.4 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: BF084400.D

Acq: 12 Jan 2016 1:22

Instrument :

BNA_F

ClientSampleId :

54TH-STREET-TRIPBLANK-1-1-06-1

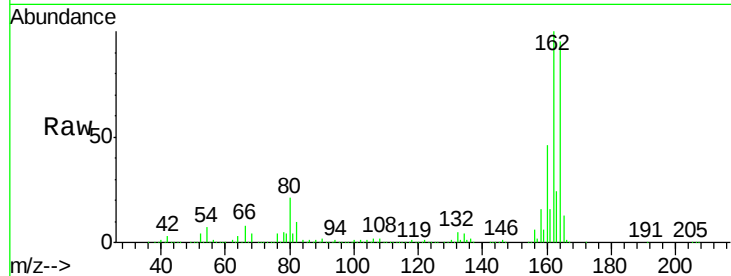
Tgt Ion:164 Resp: 640731

Ion Ratio Lower Upper

164 100

162 104.7 85.1 127.7

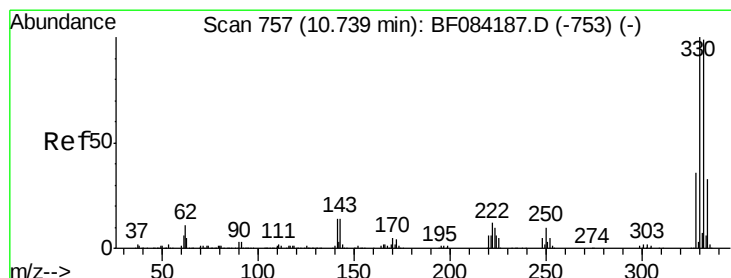
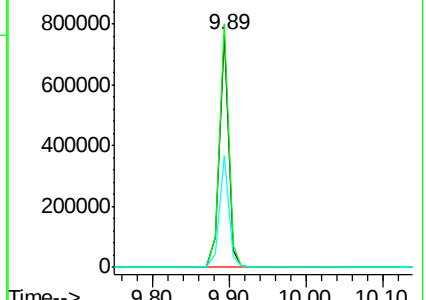
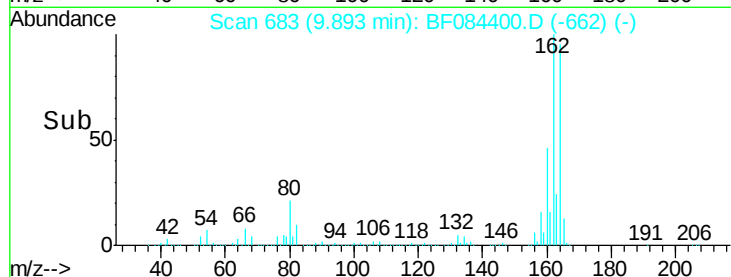
160 48.2 37.5 56.3



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: 111.90 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084400.D

Acq: 12 Jan 2016 1:22

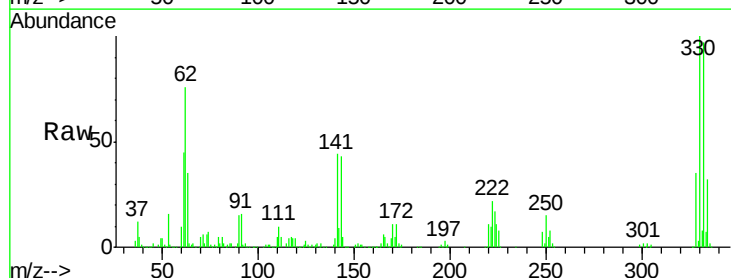
Tgt Ion:330 Resp: 723865

Ion Ratio Lower Upper

330 100

332 98.2 76.6 114.8

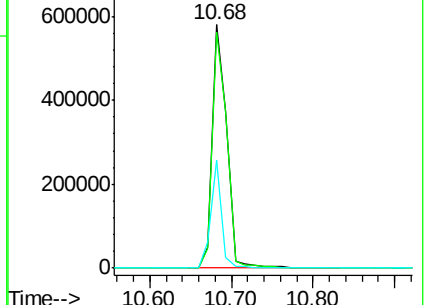
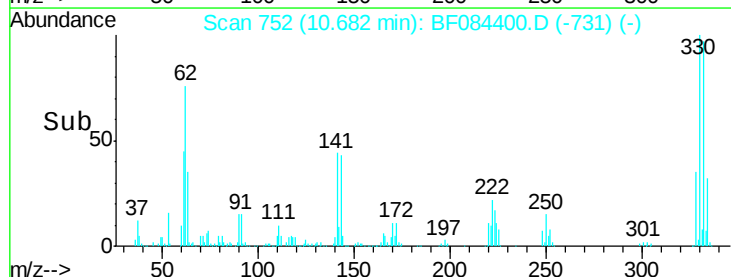
141 34.2 27.8 41.6

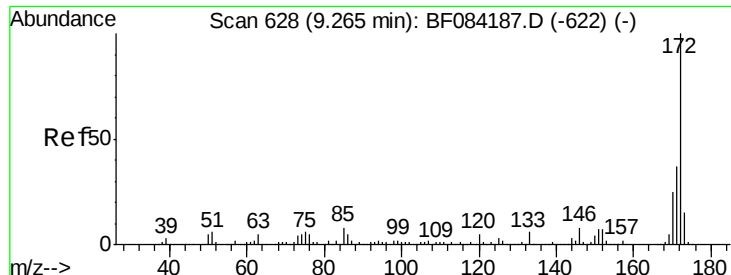


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

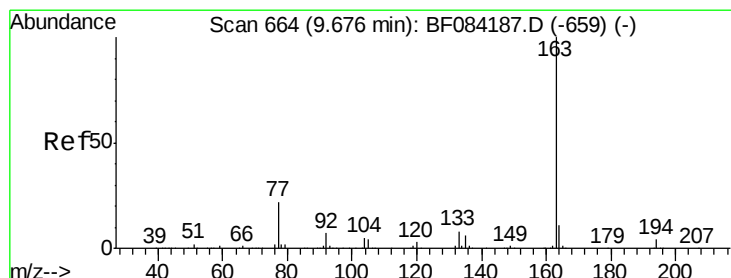
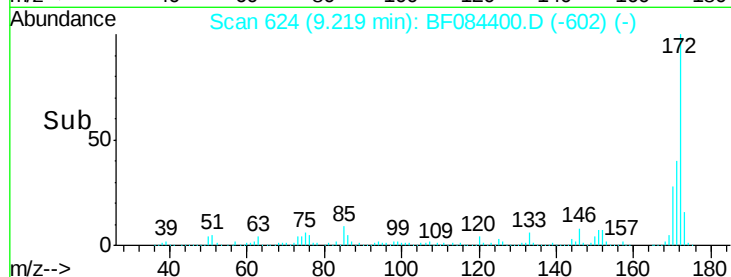
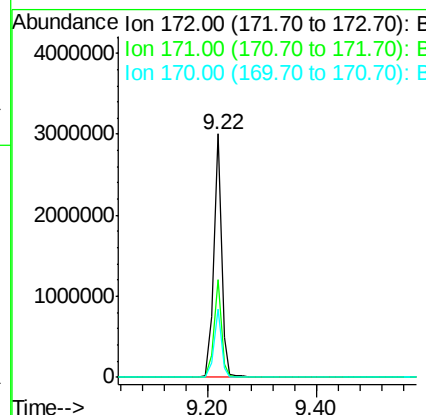
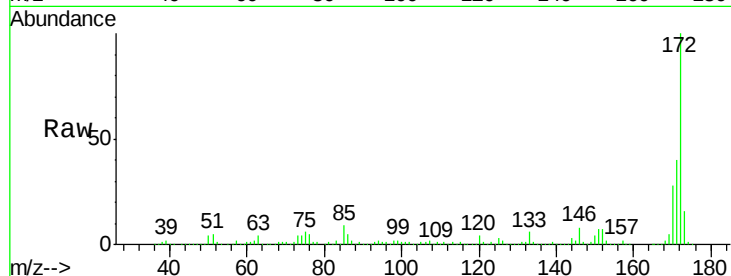




#44
2-Fluorobiphenyl
Concen: 83.01 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF084400.D
Acq: 12 Jan 2016 1:22

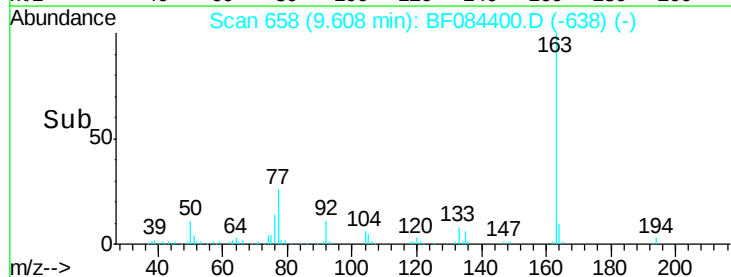
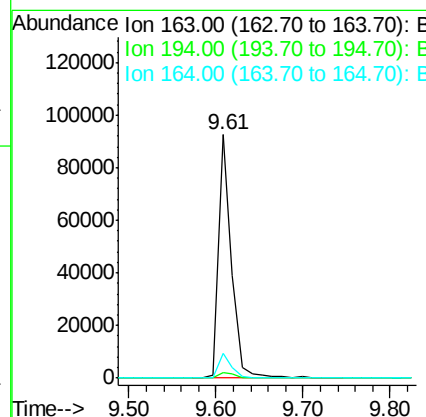
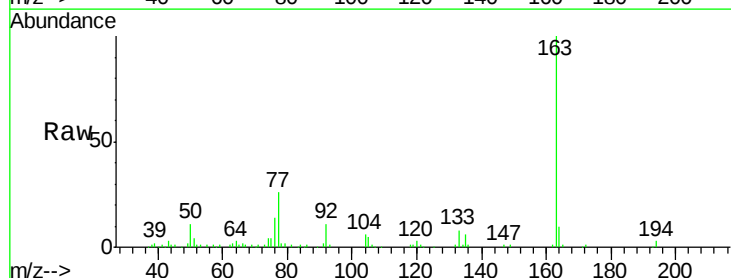
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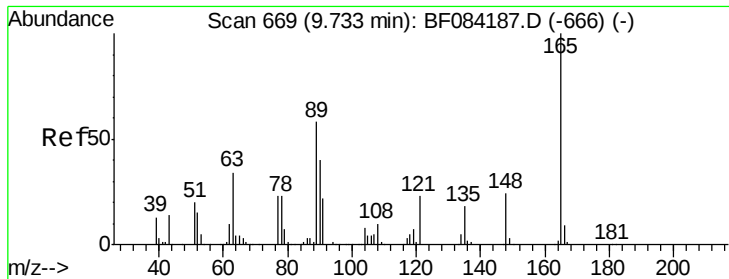
Tgt Ion:172 Resp: 3028691
Ion Ratio Lower Upper
172 100
171 40.3 28.9 43.3
170 27.9 18.6 27.8#



#49
Dimethylphthalate
Concen: 2.13 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.07 min
Lab File: BF084400.D
Acq: 12 Jan 2016 1:22

Tgt Ion:163 Resp: 97364
Ion Ratio Lower Upper
163 100
194 2.5 8.0 12.0#
164 10.3 8.0 12.0

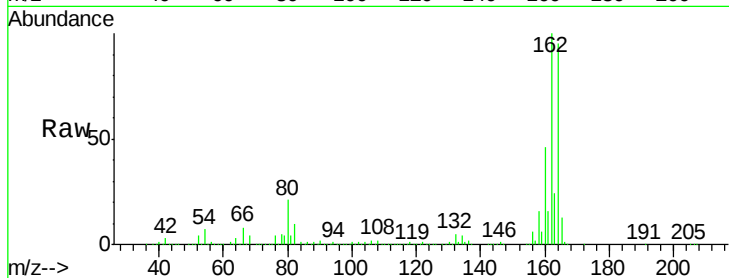




#50
 2,6-Dinitrotoluene
 Concen: 8.30 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.16 min
 Lab File: BF084400.D
 Acq: 12 Jan 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 54TH-STREET-TRIPBLANK-1-1-06-1

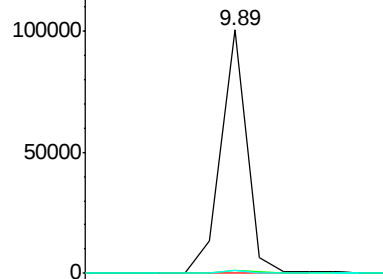
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.8	43.2#
89	1.0	35.1	52.7#



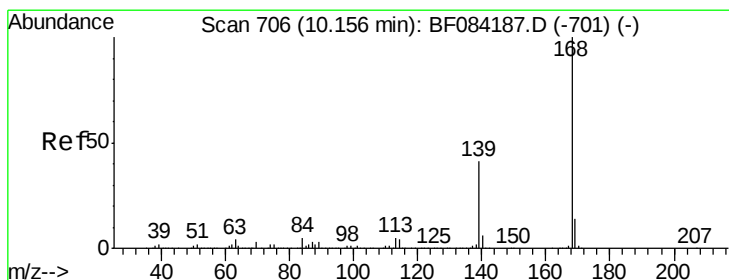
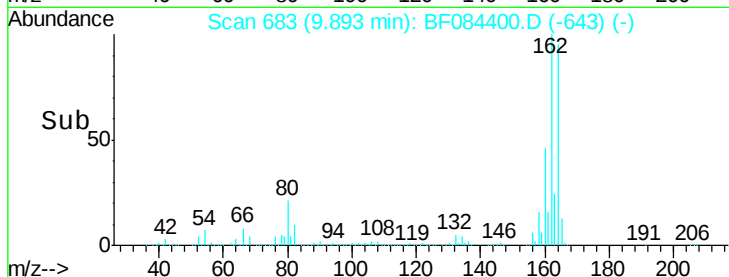
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

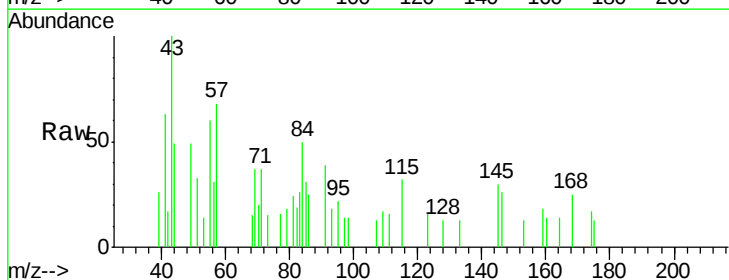


Time-->



#54
 Dibenzofuran
 Concen: Below Cal
 RT: 10.10 min Scan# 701
 Delta R.T. -0.06 min
 Lab File: BF084400.D
 Acq: 12 Jan 2016 1:22

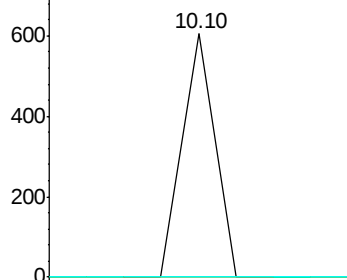
Tgt Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.5	45.7#
169	0.0	10.4	15.6#



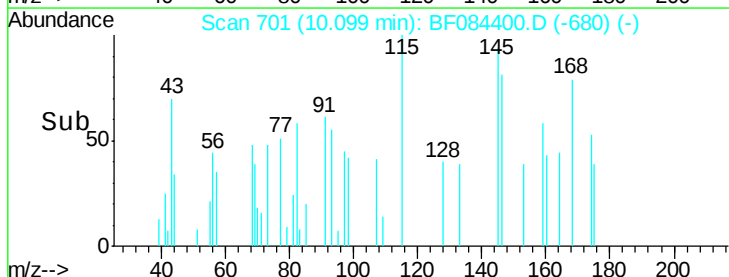
Abundance Ion 168.00 (167.70 to 168.70): E

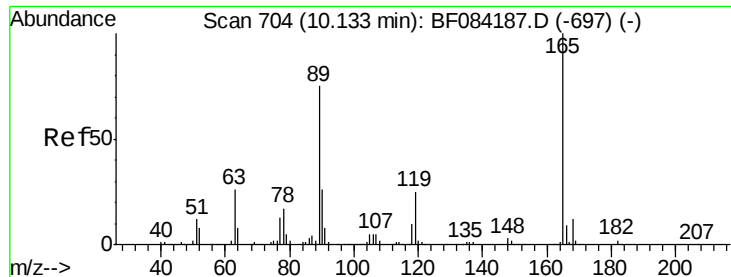
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->

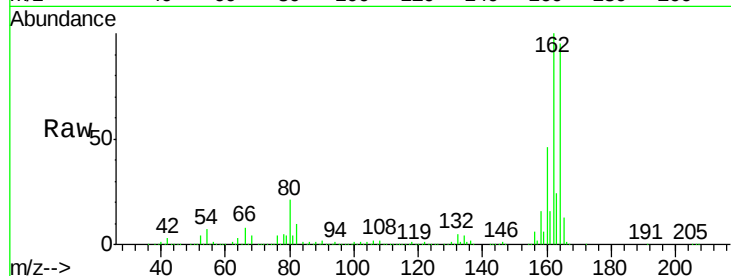




#56
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF084400.D
 Acq: 12 Jan 2016 1:22

Instrument :
 BNA_F
 ClientSampleId :
 54TH-STREET-TRIPBLANK-1-1-06-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.0	61.9	92.9#
182	0.0	2.0	3.0#

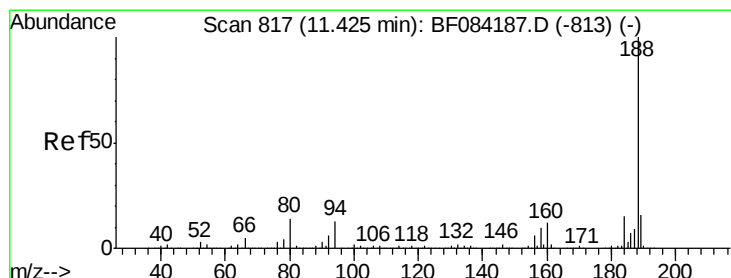
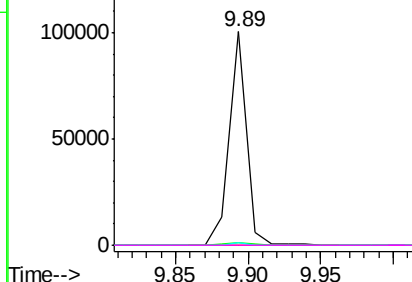
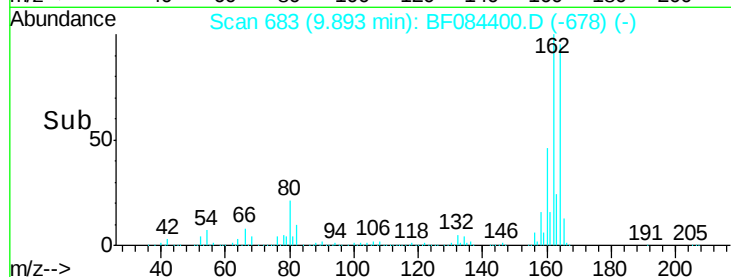


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

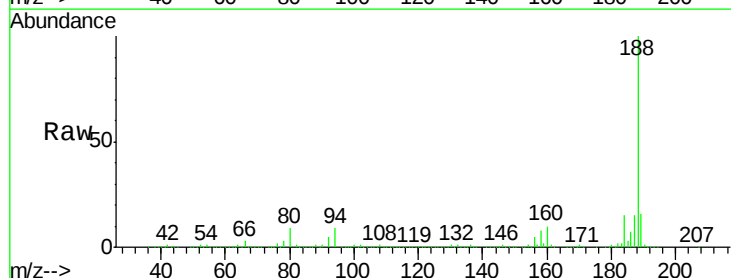
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084400.D
 Acq: 12 Jan 2016 1:22

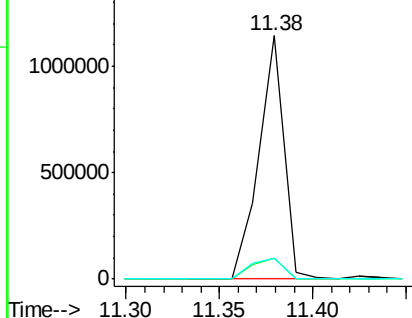
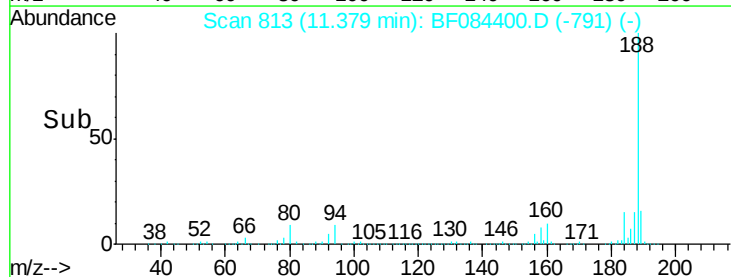
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	8.8	9.6	14.4#

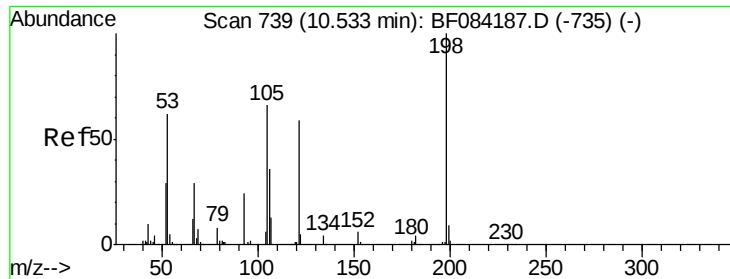


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.61 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084400.D

Acq: 12 Jan 2016 1:22

Instrument :

BNA_F

ClientSampleId :

54TH-STREET-TRIPBLANK-1-1-06-1

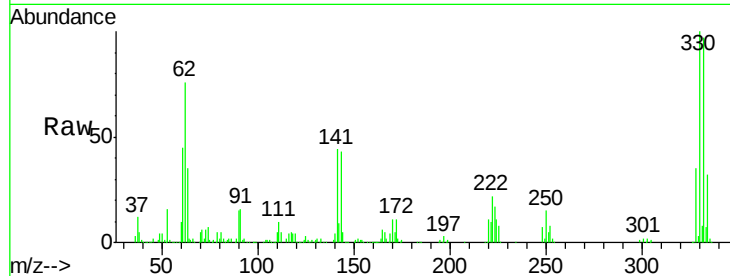
Tgt Ion:198 Resp: 1592

Ion Ratio Lower Upper

198 100

51 239.1 18.9 58.9#

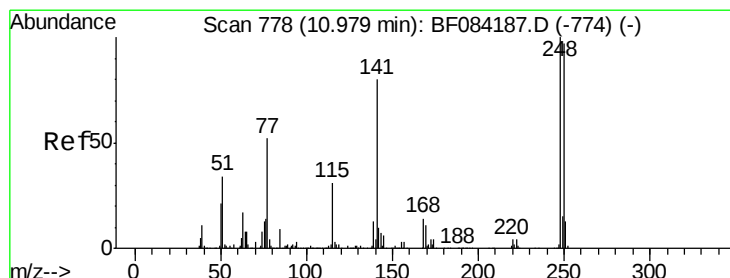
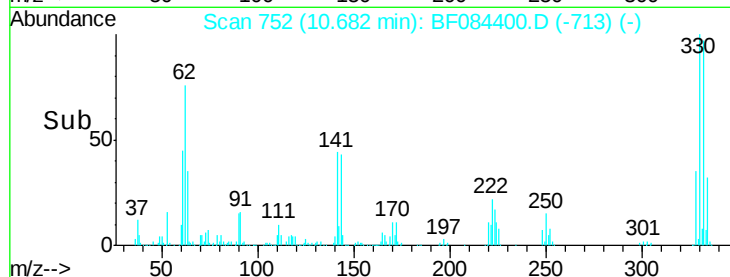
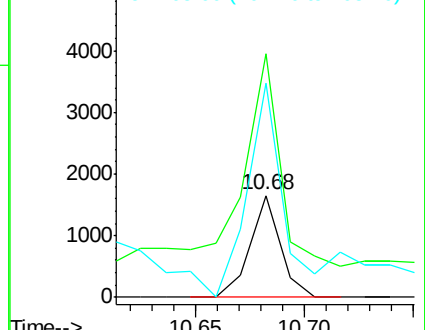
105 210.1 26.4 66.4#



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: 3.80 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084400.D

Acq: 12 Jan 2016 1:22

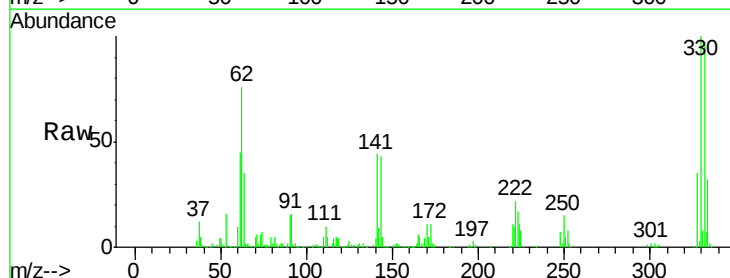
Tgt Ion:248 Resp: 43220

Ion Ratio Lower Upper

248 100

250 199.7 78.4 117.6#

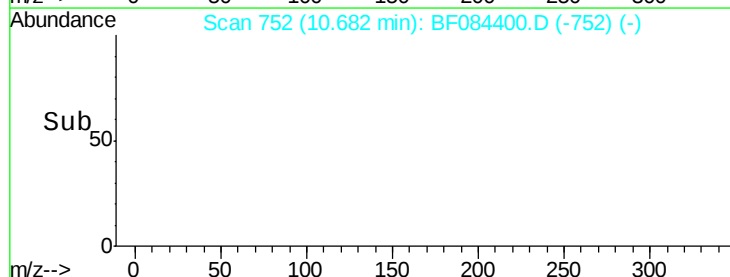
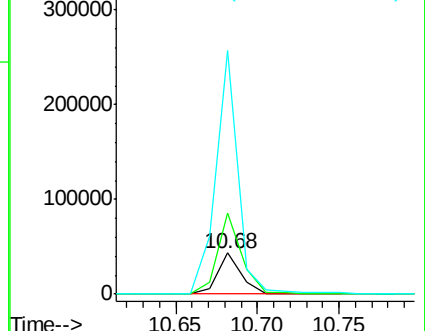
141 596.7 44.0 66.0#

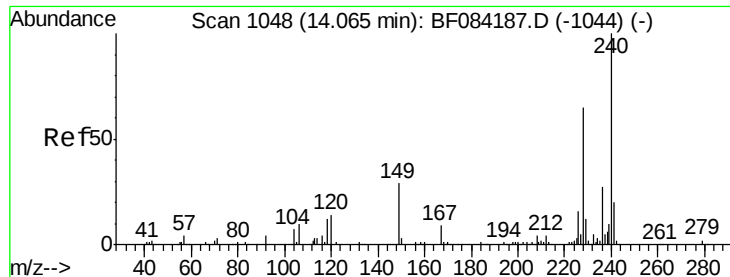


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084400.D

Acq: 12 Jan 2016 1:22

Instrument :

BNA_F

ClientSampleId :

54TH-STREET-TRIPBLANK-1-1-06-1

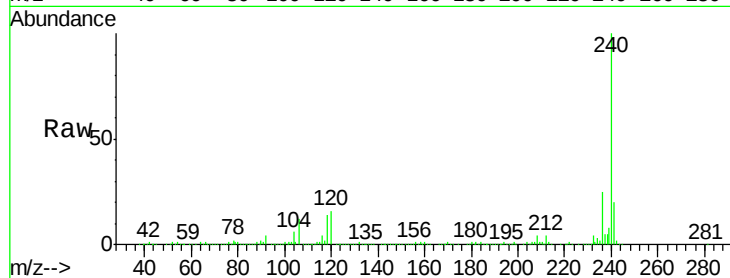
Tgt Ion:240 Resp: 673282

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

236 25.3 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

14.01

800000

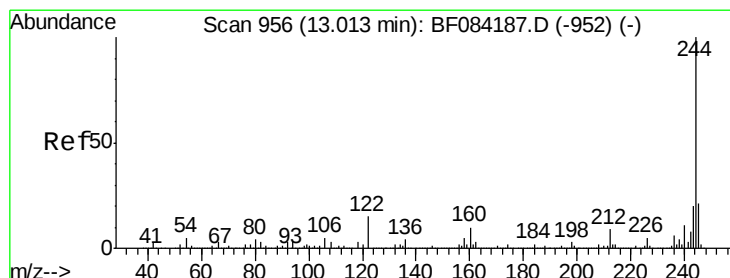
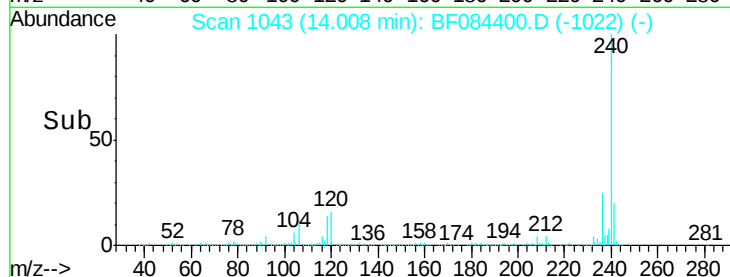
600000

400000

200000

0

Time--> 13.90 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 81.22 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084400.D

Acq: 12 Jan 2016 1:22

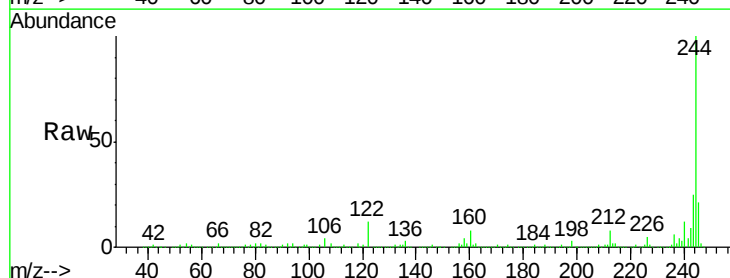
Tgt Ion:244 Resp: 2449863

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 12.1 7.4 11.0#



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

12.97

3000000

2500000

2000000

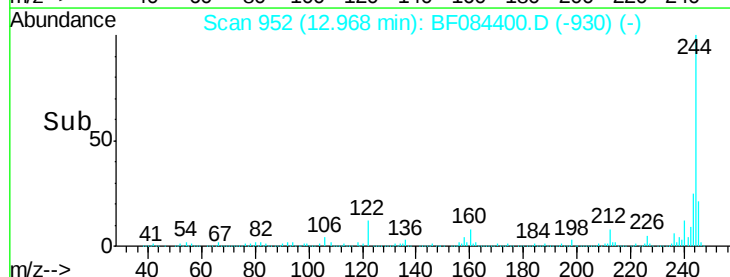
1500000

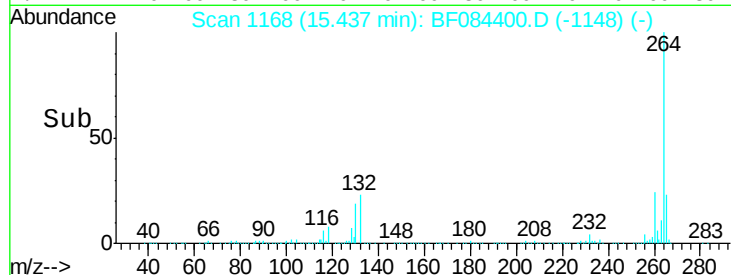
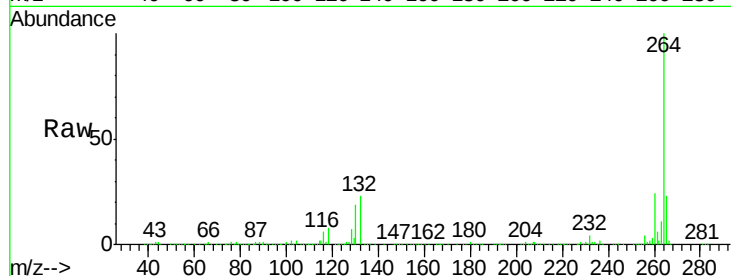
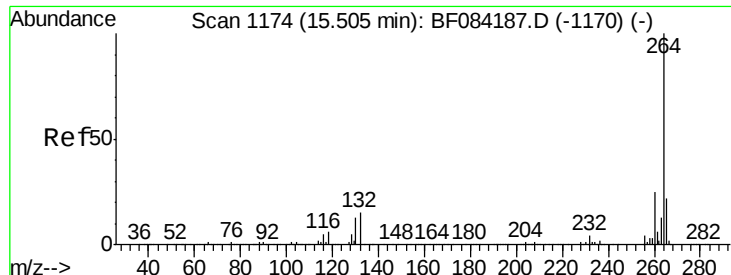
1000000

500000

0

Time--> 12.80 13.00 13.20





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084400.D
Acq: 12 Jan 2016 1:22

Instrument :
BNA_F
ClientSampleId :
54TH-STREET-TRIPBLANK-1-1-06-1

Tgt Ion:	264	Resp:	571971
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	23.2	17.8	26.6

