

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084342.D
 Acq On : 8 Jan 2016 23:35
 Operator : SJ/UM
 Sample : H1026-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSSINING-STOCKPILE(0-2)

Quant Time: Jan 09 02:21:50 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	269594	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1149115	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	535428	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1026825	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	767848	20.00	ng	-0.05
86) Perylene-d12	15.44	264	560018	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	2032133	121.92	ng	0.00
7) Phenol-d6	6.51	99	1978306	94.51	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1817739	88.04	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	758084	140.24	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2540841	83.36	ng	-0.05
78) Terphenyl-d14	12.97	244	2620087	76.17	ng	-0.05

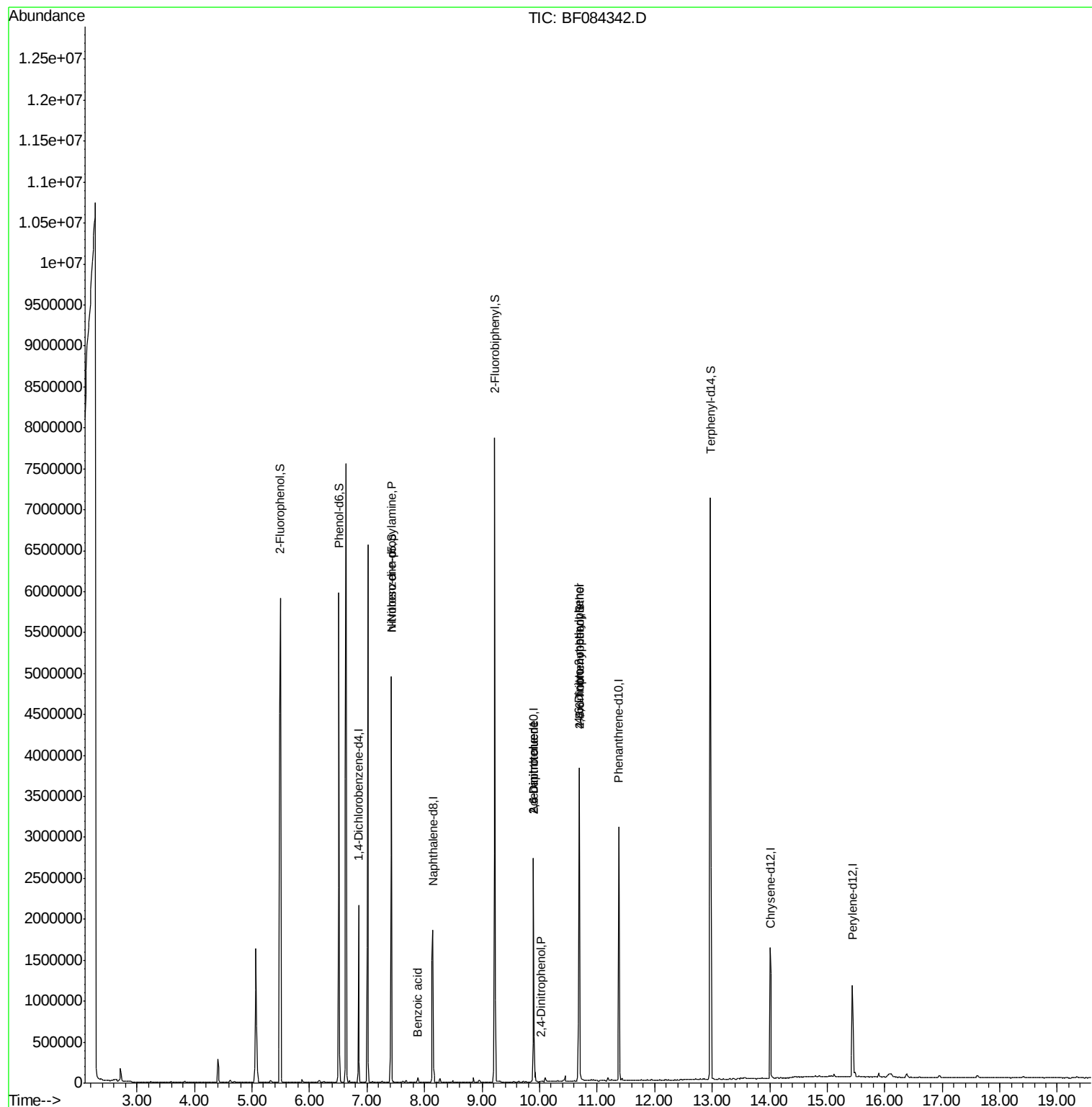
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	261002	18.42	ng	# 71
32) Benzoic acid	7.87	122	4281	6.55	ng	# 83
50) 2,6-Dinitrotoluene	9.89	165	70739	8.43	ng	# 37
53) 2,4-Dinitrophenol	10.02	184	248	3.62	ng	# 17
54) Dibenzofuran	10.10	168	16694	Below Cal		99
56) 2,4-Dinitrotoluene	9.89	165	71282	6.71	ng	# 21
57) Fluorene	10.44	166	16687	Below Cal		# 94
64) 4,6-Dinitro-2-methylphenol	10.68	198	1468	6.60	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	48844	4.42	ng	# 1
73) Di-n-butylphthalate	11.95	149	11474	Below Cal		# 95

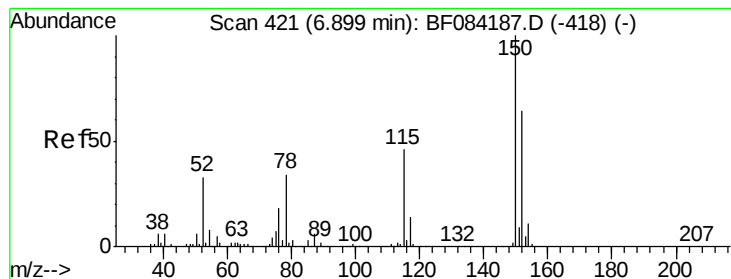
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084342.D

Acq: 8 Jan 2016 23:35

Instrument :

BNA_F

ClientSampleId :

OSSINING-STOCKPILE(0-2)

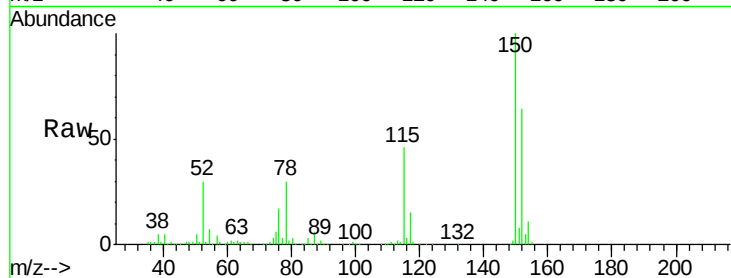
Tgt Ion:152 Resp: 269594

Ion Ratio Lower Upper

152 100

150 157.3 123.0 184.4

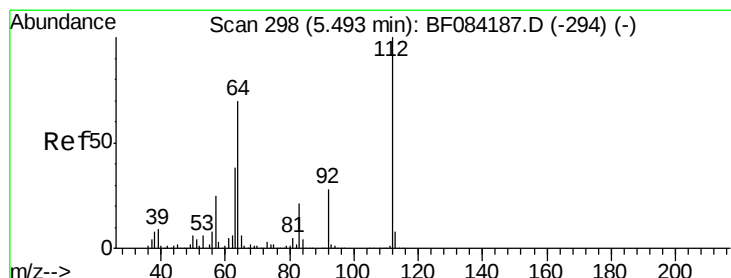
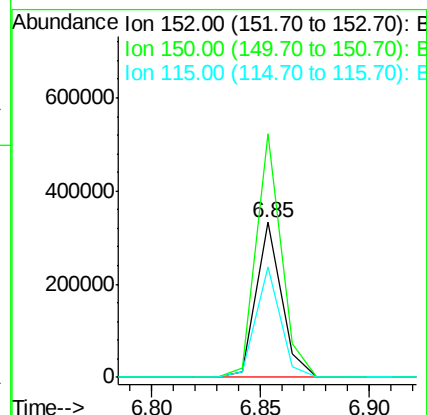
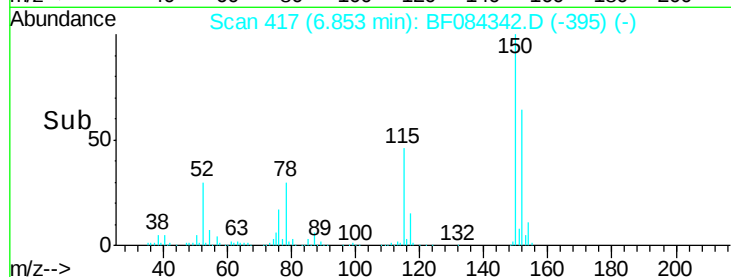
115 71.7 51.4 77.2



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: 121.92 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084342.D

Acq: 8 Jan 2016 23:35

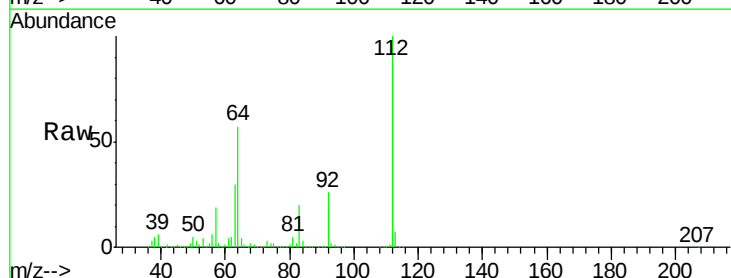
Tgt Ion:112 Resp: 2032133

Ion Ratio Lower Upper

112 100

64 56.8 36.6 55.0#

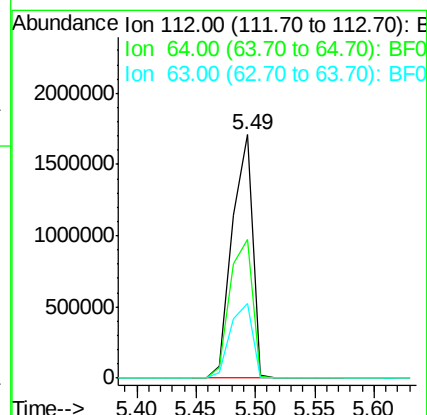
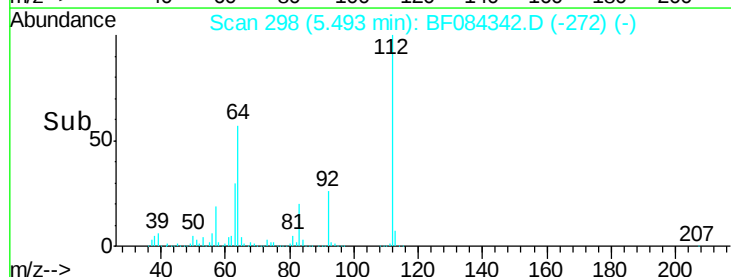
63 30.5 19.4 29.0#

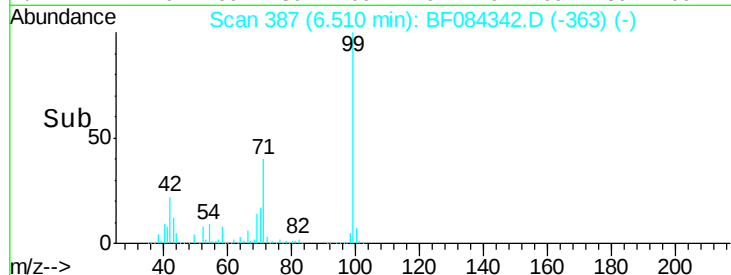
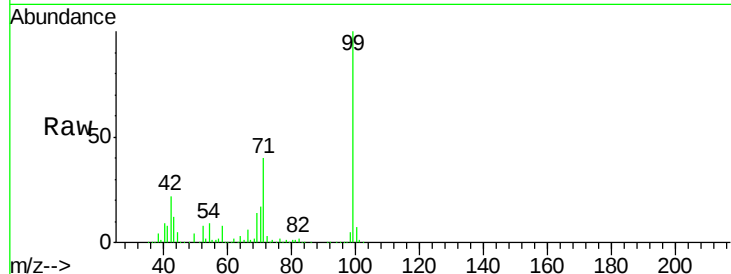


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.51 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084342.D

Acq: 8 Jan 2016 23:35

Instrument :

BNA_F

ClientSampleId :

OSSINING-STOCKPILE(0-2)

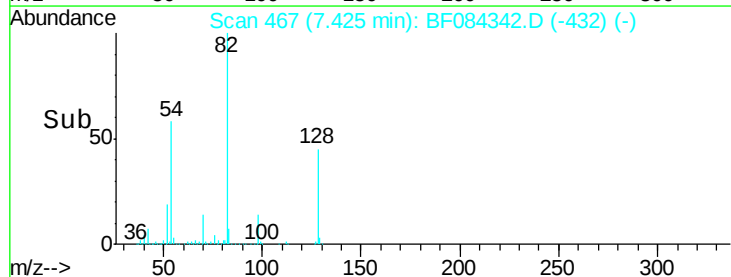
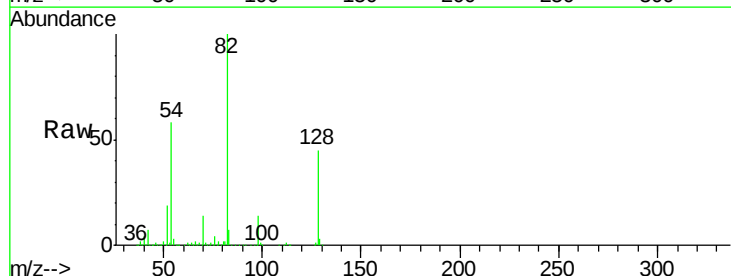
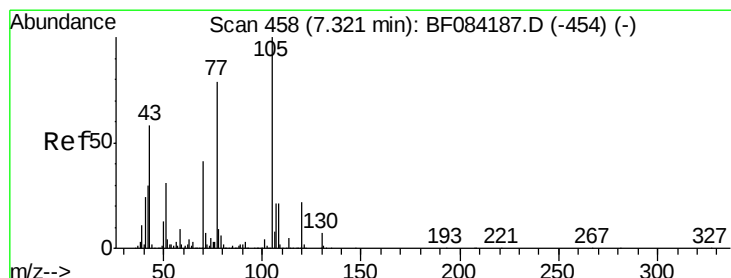
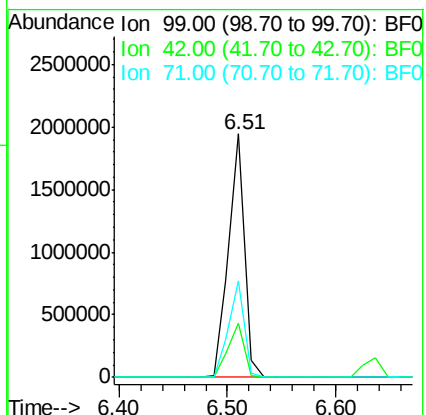
Tgt Ion: 99 Resp: 1978306

Ion Ratio Lower Upper

99 100

42 22.3 12.8 19.2#

71 39.8 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.42 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084342.D

Acq: 8 Jan 2016 23:35

Tgt Ion: 70 Resp: 261002

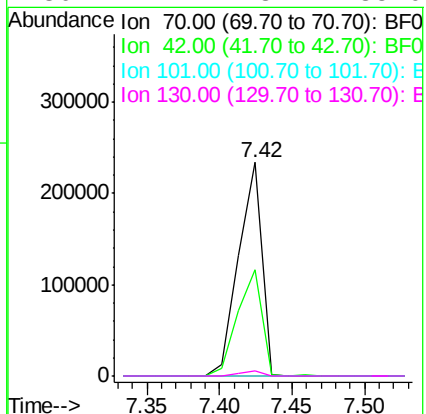
Ion Ratio Lower Upper

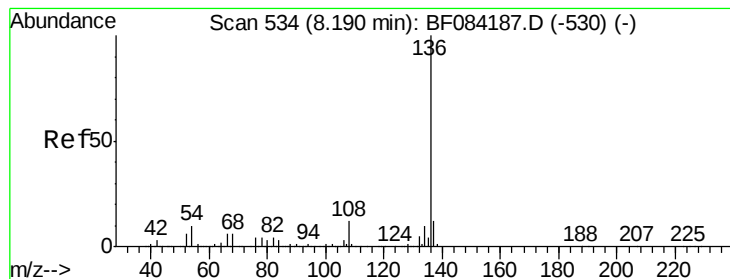
70 100

42 49.7 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: BF084342.D

Acq: 8 Jan 2016 23:35

Instrument :

BNA_F

ClientSampleId :

OSSINING-STOCKPILE(0-2)

Tgt Ion:136 Resp: 1149115

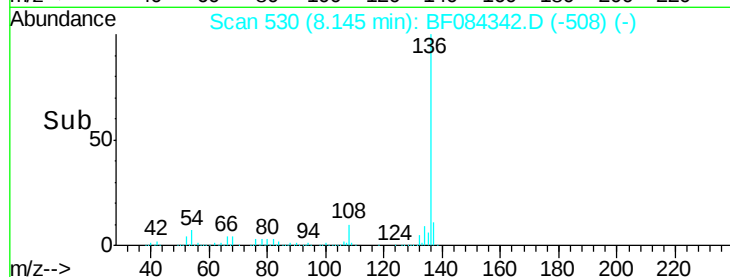
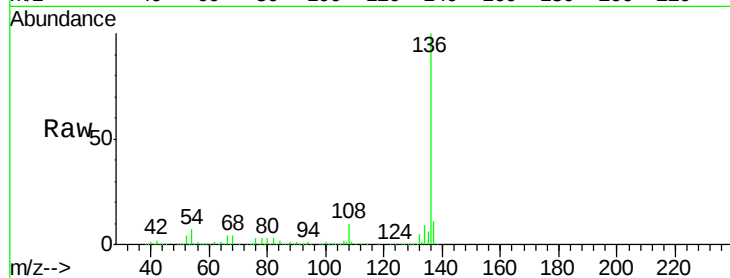
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.6 5.8 8.8

68 3.9 4.2 6.2#

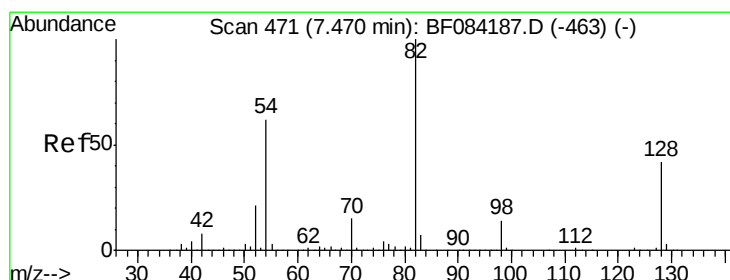
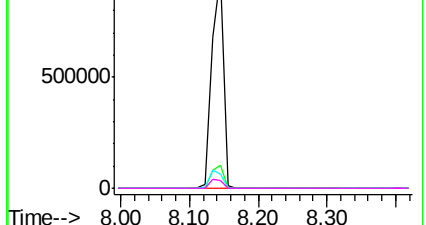


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 88.04 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084342.D

Acq: 8 Jan 2016 23:35

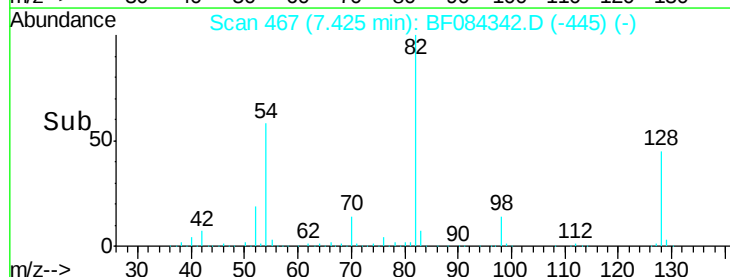
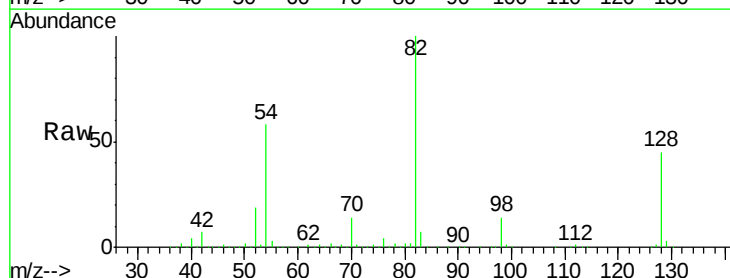
Tgt Ion: 82 Resp: 1817739

Ion Ratio Lower Upper

82 100

128 44.8 34.6 51.8

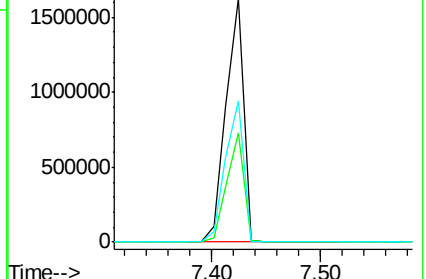
54 58.0 38.4 57.6#



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: 6.55 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.09 min

Lab File: BF084342.D

Acq: 8 Jan 2016 23:35

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OSSINING-STOCKPILE(0-2)

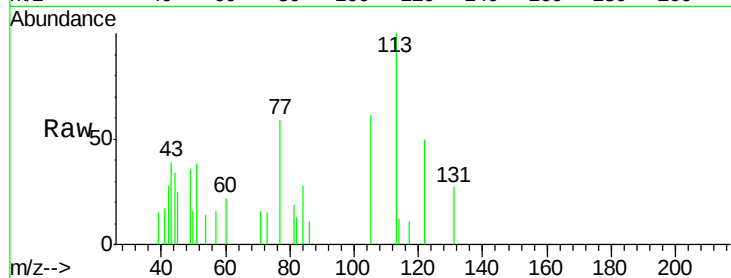
Tgt Ion:122 Resp: 4281

Ion Ratio Lower Upper

122 100

105 122.7 100.3 140.3

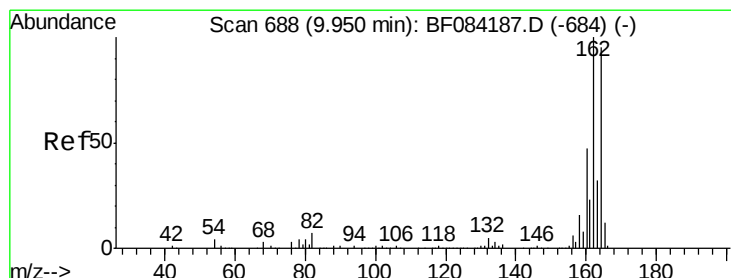
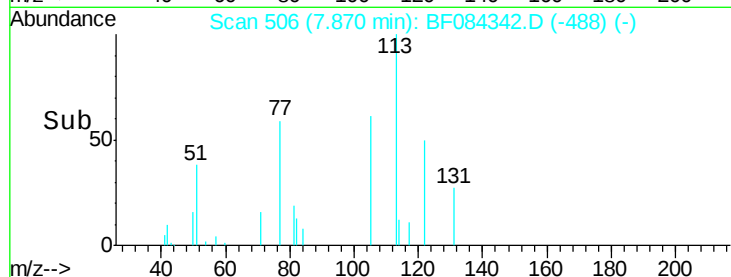
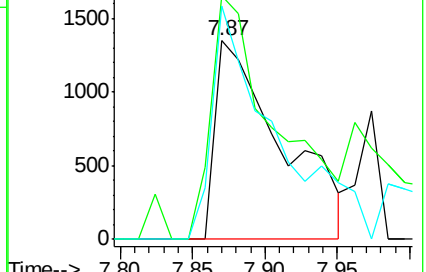
77 117.5 63.5 103.5#



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: BF084342.D

Acq: 8 Jan 2016 23:35

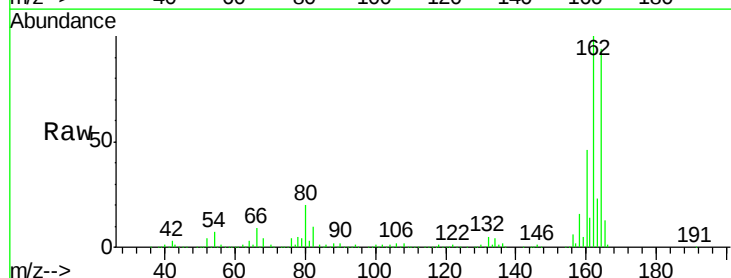
Tgt Ion:164 Resp: 535428

Ion Ratio Lower Upper

164 100

162 105.9 85.1 127.7

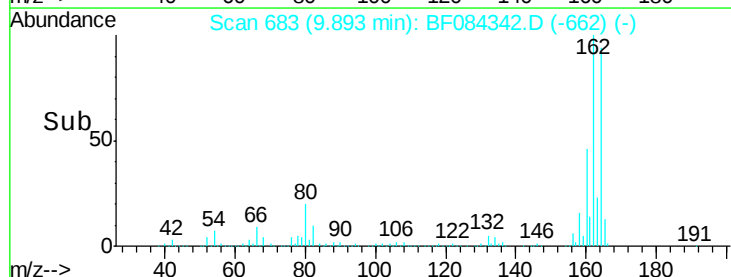
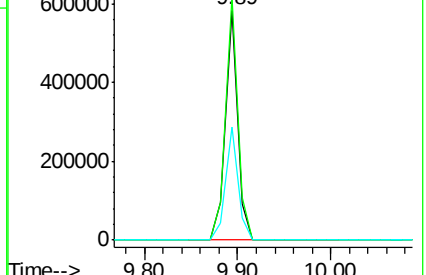
160 49.2 37.5 56.3



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

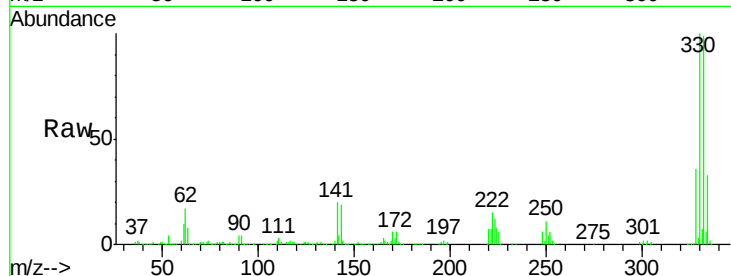




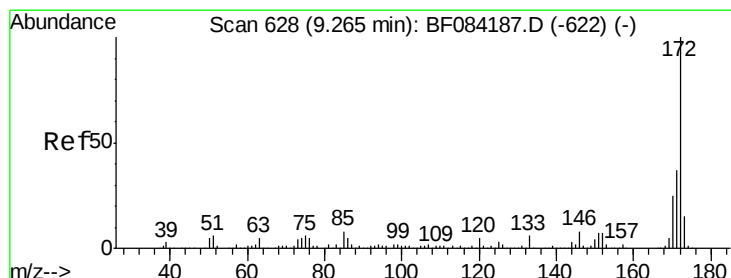
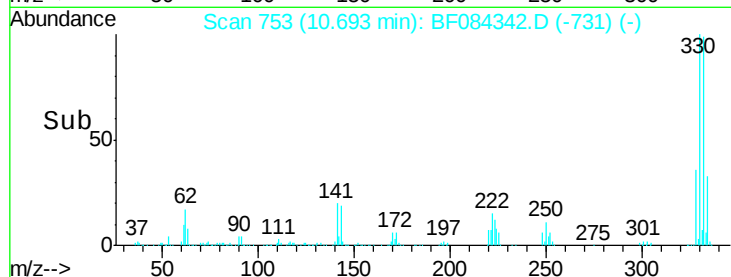
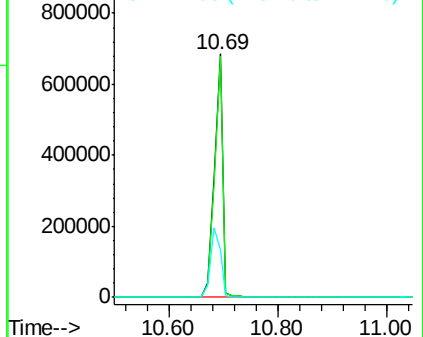
#41
 2,4,6-Tribromophenol
 Concen: 140.24 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084342.D
 Acq: 8 Jan 2016 23:35

Instrument :
 BNA_F
 ClientSampleId :
 OSSINING-STOCKPILE(0-2)

Tgt Ion:330 Resp: 758084
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 34.3 27.8 41.6

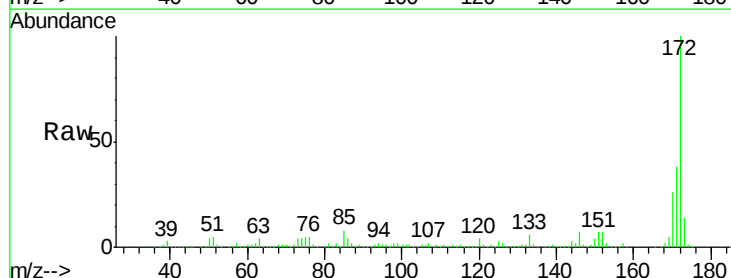


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

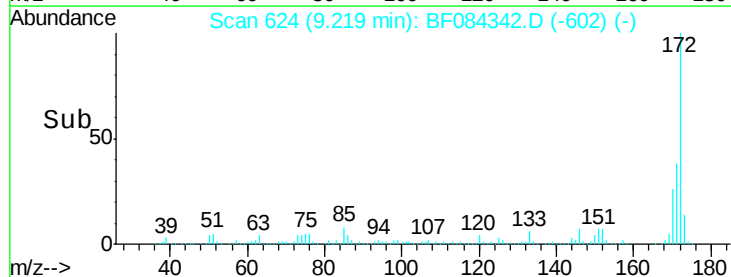
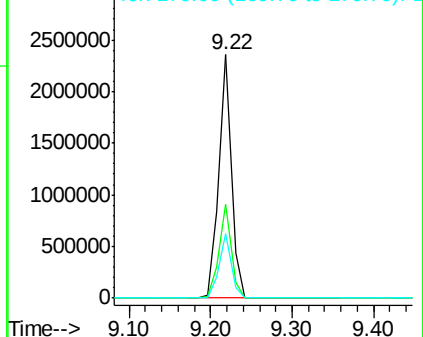


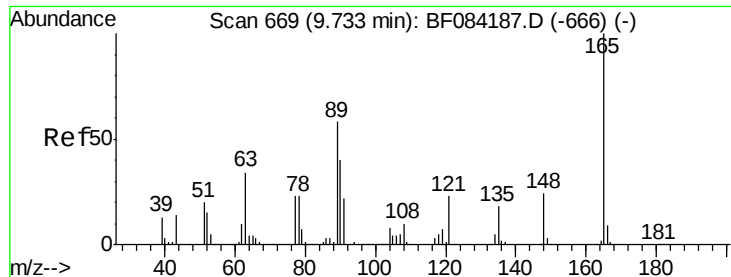
#44
 2-Fluorobiphenyl
 Concen: 83.36 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084342.D
 Acq: 8 Jan 2016 23:35

Tgt Ion:172 Resp: 2540841
 Ion Ratio Lower Upper
 172 100
 171 38.4 28.9 43.3
 170 26.4 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: 8.43 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.16 min

Lab File: BF084342.D

Acq: 8 Jan 2016 23:35

Instrument :

BNA_F

ClientSampleId :

OSSINING-STOCKPILE(0-2)

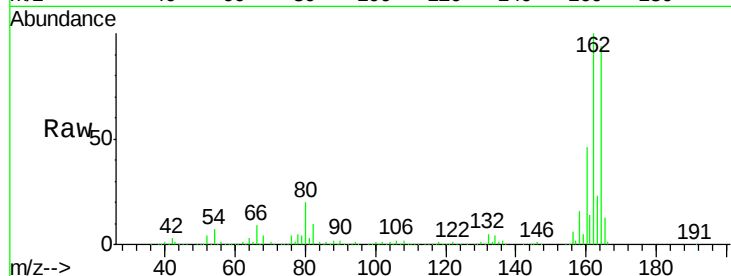
Tgt Ion:165 Resp: 70739

Ion Ratio Lower Upper

165 100

63 1.5 28.8 43.2#

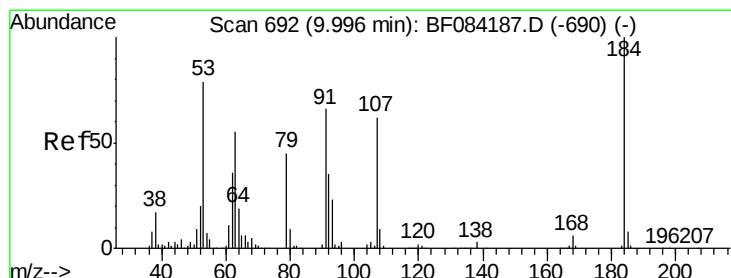
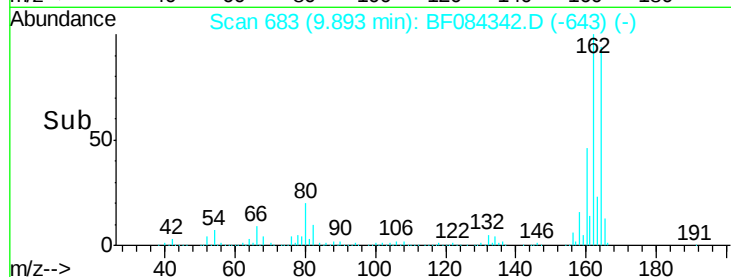
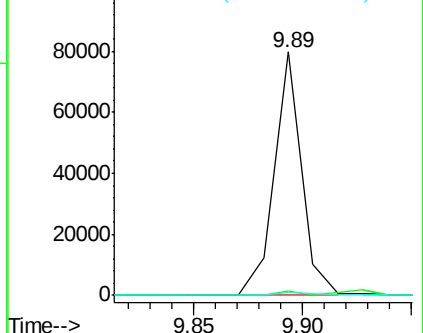
89 1.4 35.1 52.7#



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



#53

2,4-Dinitrophenol

Concen: 3.62 ng

RT: 10.02 min Scan# 694

Delta R.T. 0.02 min

Lab File: BF084342.D

Acq: 8 Jan 2016 23:35

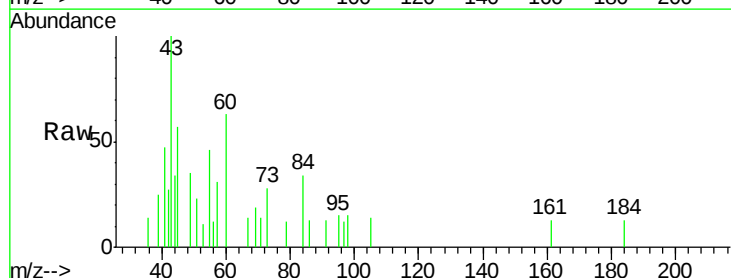
Tgt Ion:184 Resp: 248

Ion Ratio Lower Upper

184 100

63 0.0 43.1 64.7#

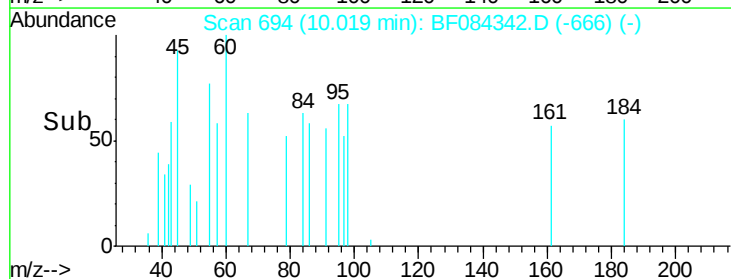
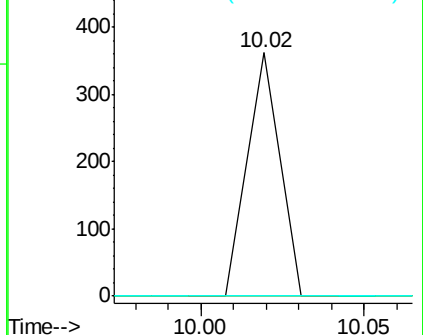
154 0.0 60.5 90.7#

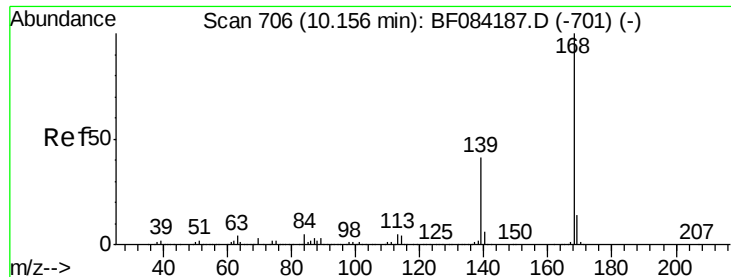


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

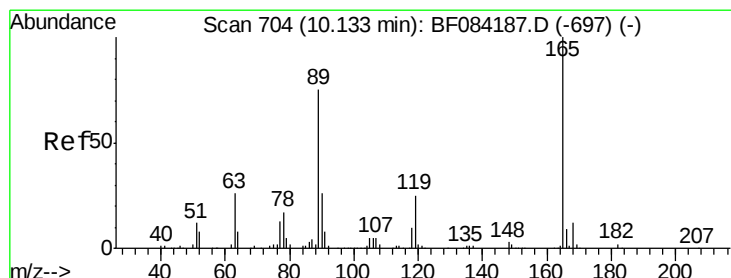
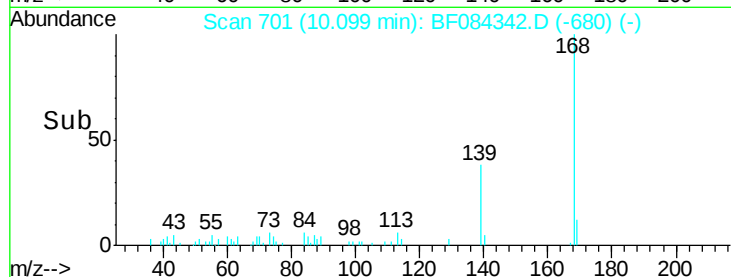
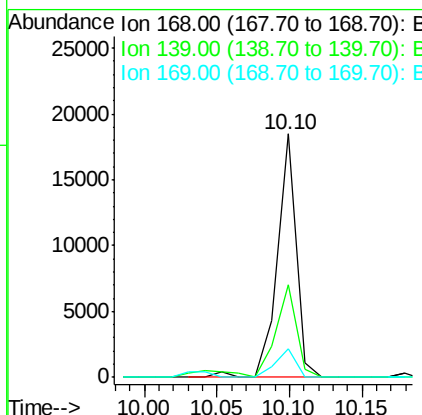
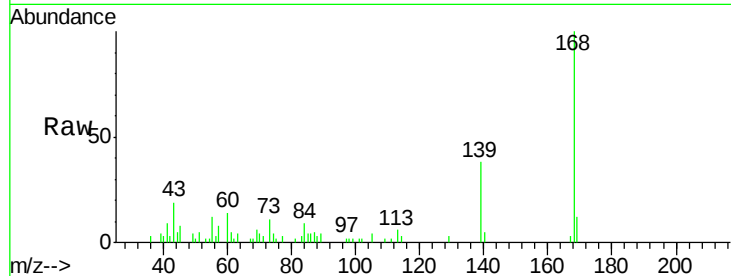




#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084342.D
Acq: 8 Jan 2016 23:35

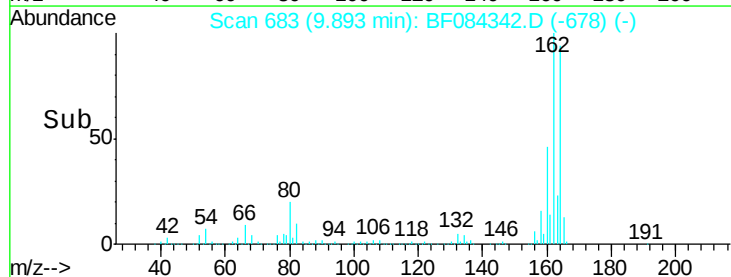
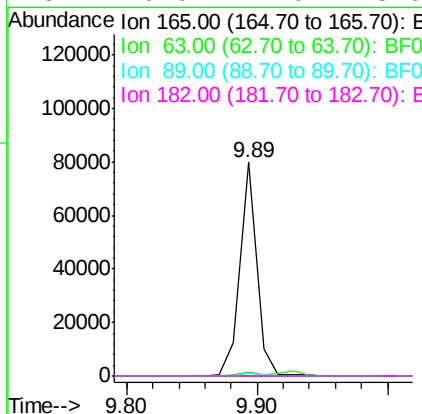
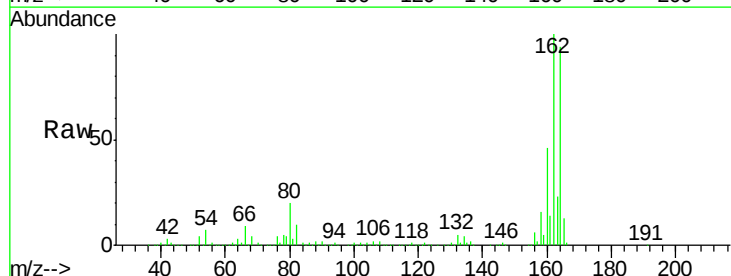
Instrument :
BNA_F
ClientSampleId :
OSSINING-STOCKPILE(0-2)

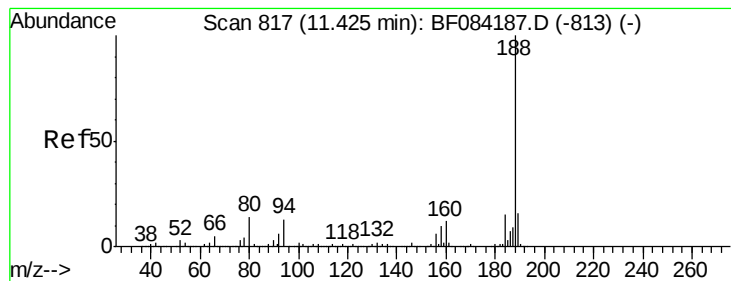
Tgt Ion:168 Resp: 16694
Ion Ratio Lower Upper
168 100
139 37.9 30.5 45.7
169 11.5 10.4 15.6



#56
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084342.D
Acq: 8 Jan 2016 23:35

Tgt Ion:165 Resp: 71282
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.4 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: BF084342.D

Acq: 8 Jan 2016 23:35

Instrument :

BNA_F

ClientSampleId :

OSSINING-STOCKPILE(0-2)

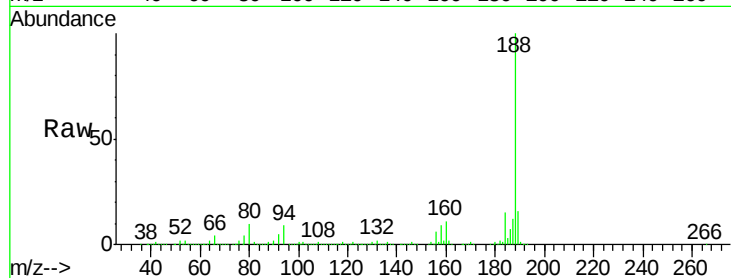
Tgt Ion:188 Resp: 1026825

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.4

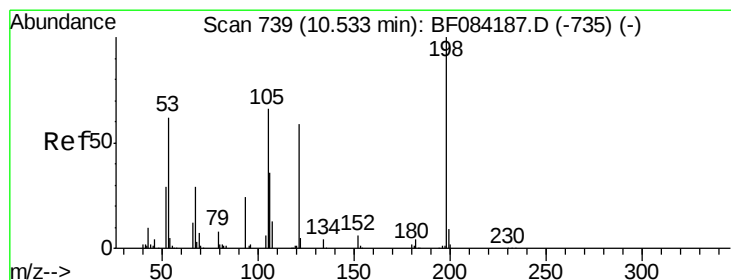
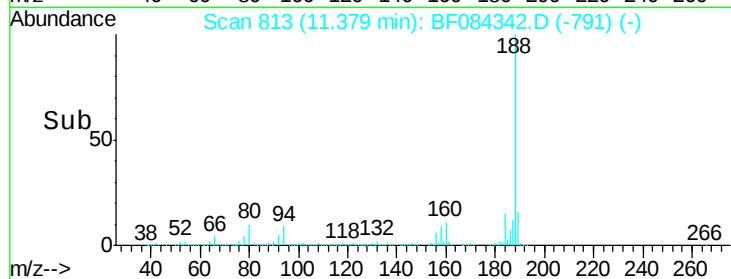
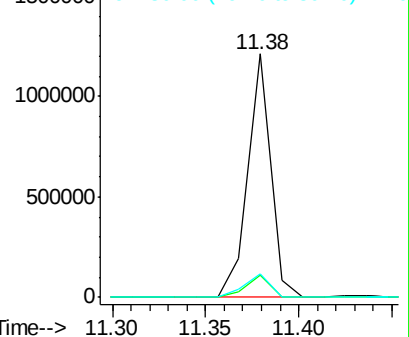
80 9.6 9.6 14.4#



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: 6.60 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084342.D

Acq: 8 Jan 2016 23:35

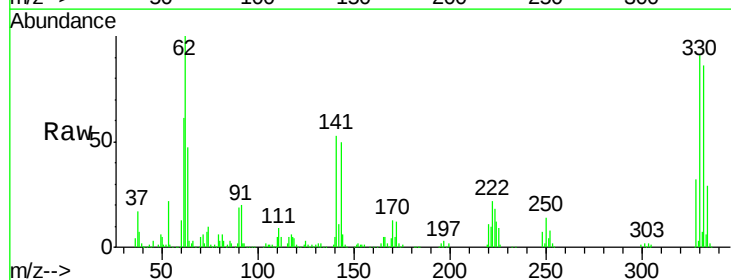
Tgt Ion:198 Resp: 1468

Ion Ratio Lower Upper

198 100

51 338.4 18.9 58.9#

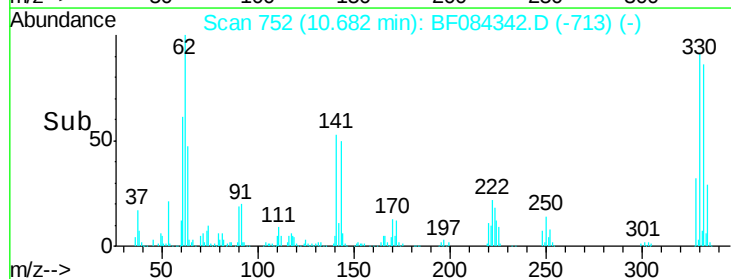
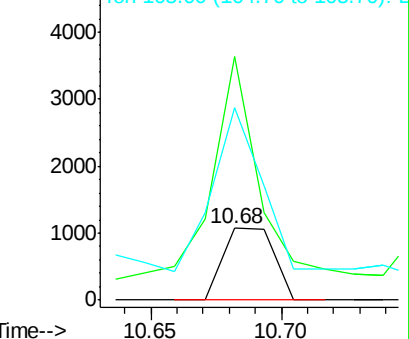
105 267.9 26.4 66.4#

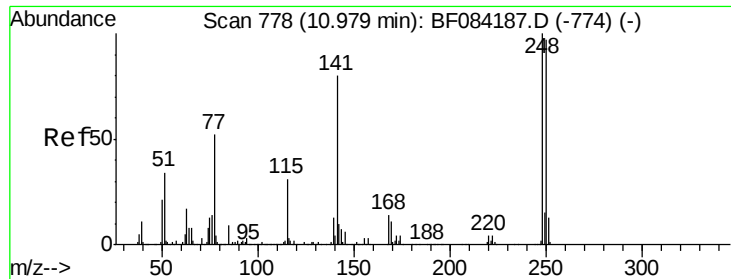


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

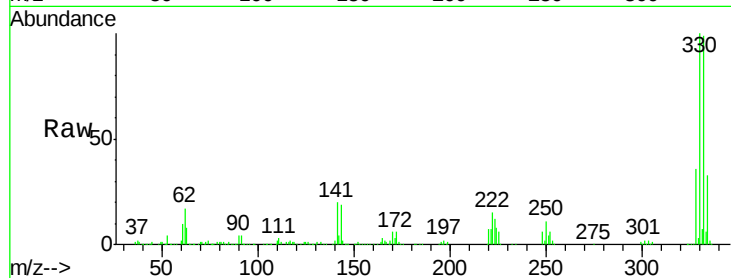




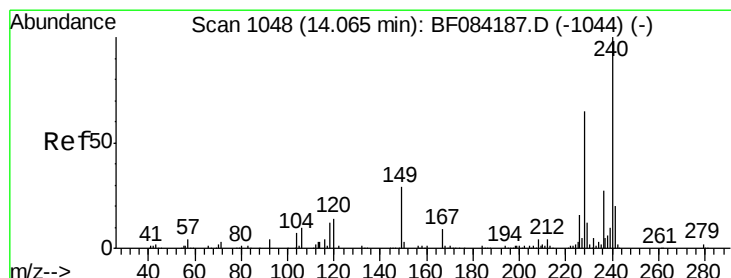
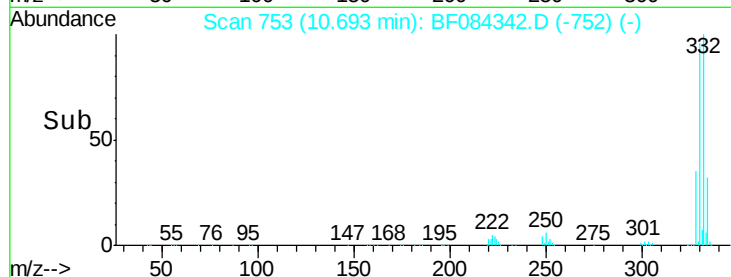
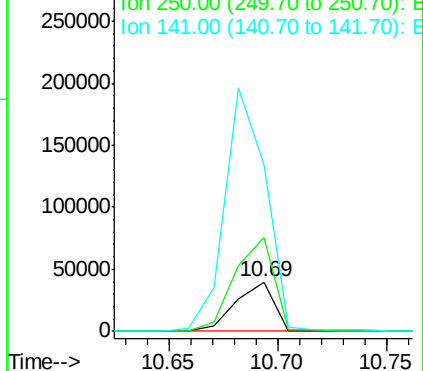
#66
 4-Bromophenyl-phenylether
 Concen: 4.42 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.29 min
 Lab File: BF084342.D
 Acq: 8 Jan 2016 23:35

Instrument :
 BNA_F
 ClientSampleId :
 OSSINING-STOCKPILE(0-2)

Tgt Ion:248 Resp: 48844
 Ion Ratio Lower Upper
 248 100
 250 189.9 78.4 117.6#
 141 338.2 44.0 66.0#

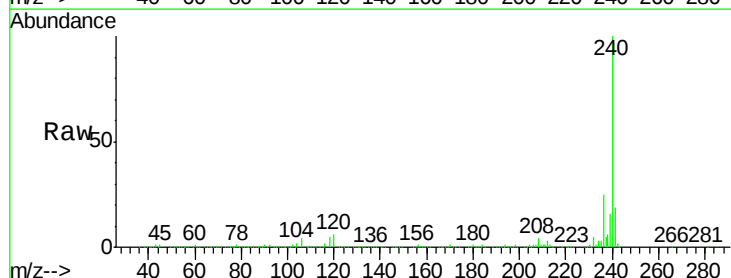


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

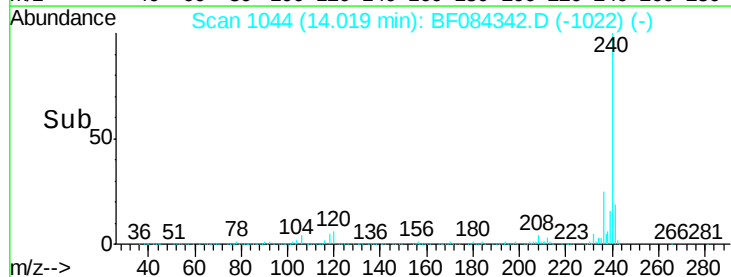
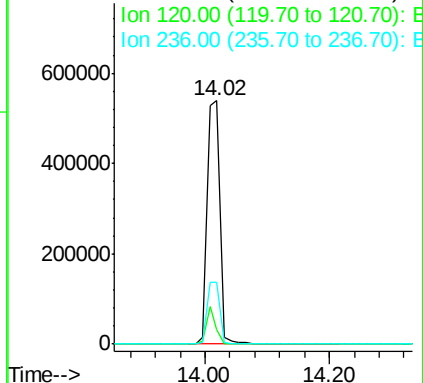


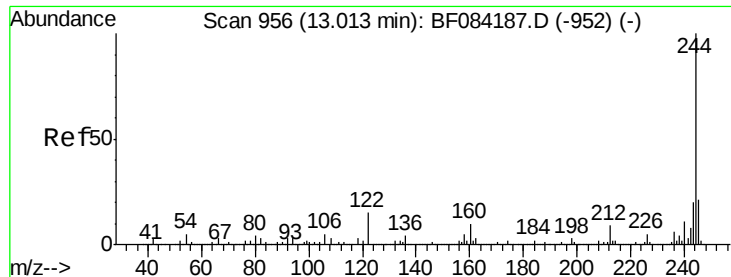
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.05 min
 Lab File: BF084342.D
 Acq: 8 Jan 2016 23:35

Tgt Ion:240 Resp: 767848
 Ion Ratio Lower Upper
 240 100
 120 5.7 9.5 14.3#
 236 25.4 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: 76.17 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084342.D

Acq: 8 Jan 2016 23:35

Instrument :

BNA_F

ClientSampleId :

OSSINING-STOCKPILE(0-2)

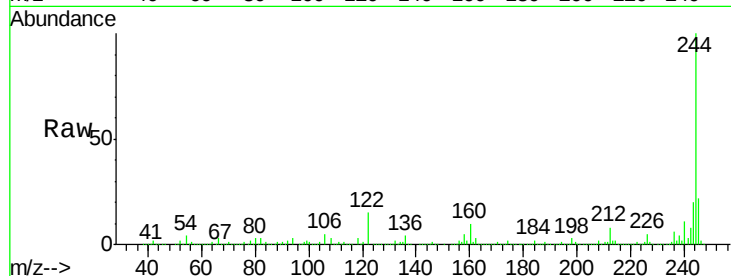
Tgt Ion:244 Resp: 2620087

Ion Ratio Lower Upper

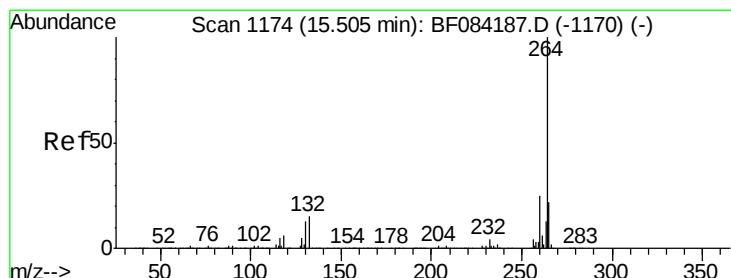
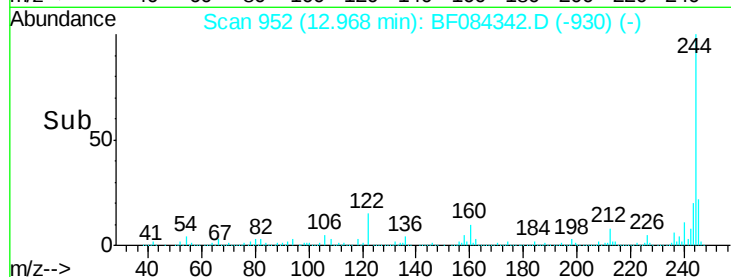
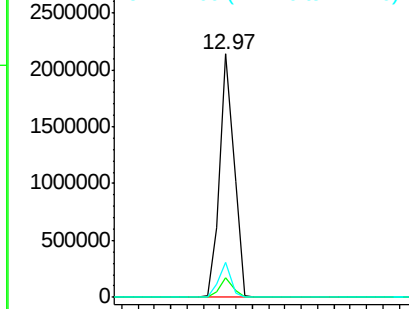
244 100

212 8.1 5.7 8.5

122 14.6 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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF084342.D

Acq: 8 Jan 2016 23:35

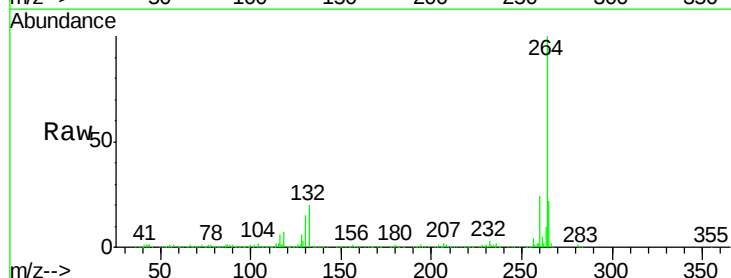
Tgt Ion:264 Resp: 560018

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.9 17.8 26.6



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

