

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084990.D
 Acq On : 10 Feb 2016 13:52
 Operator : SJ/IZ
 Sample : H1392-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-5W-(0-2)

Quant Time: Feb 10 16:32:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

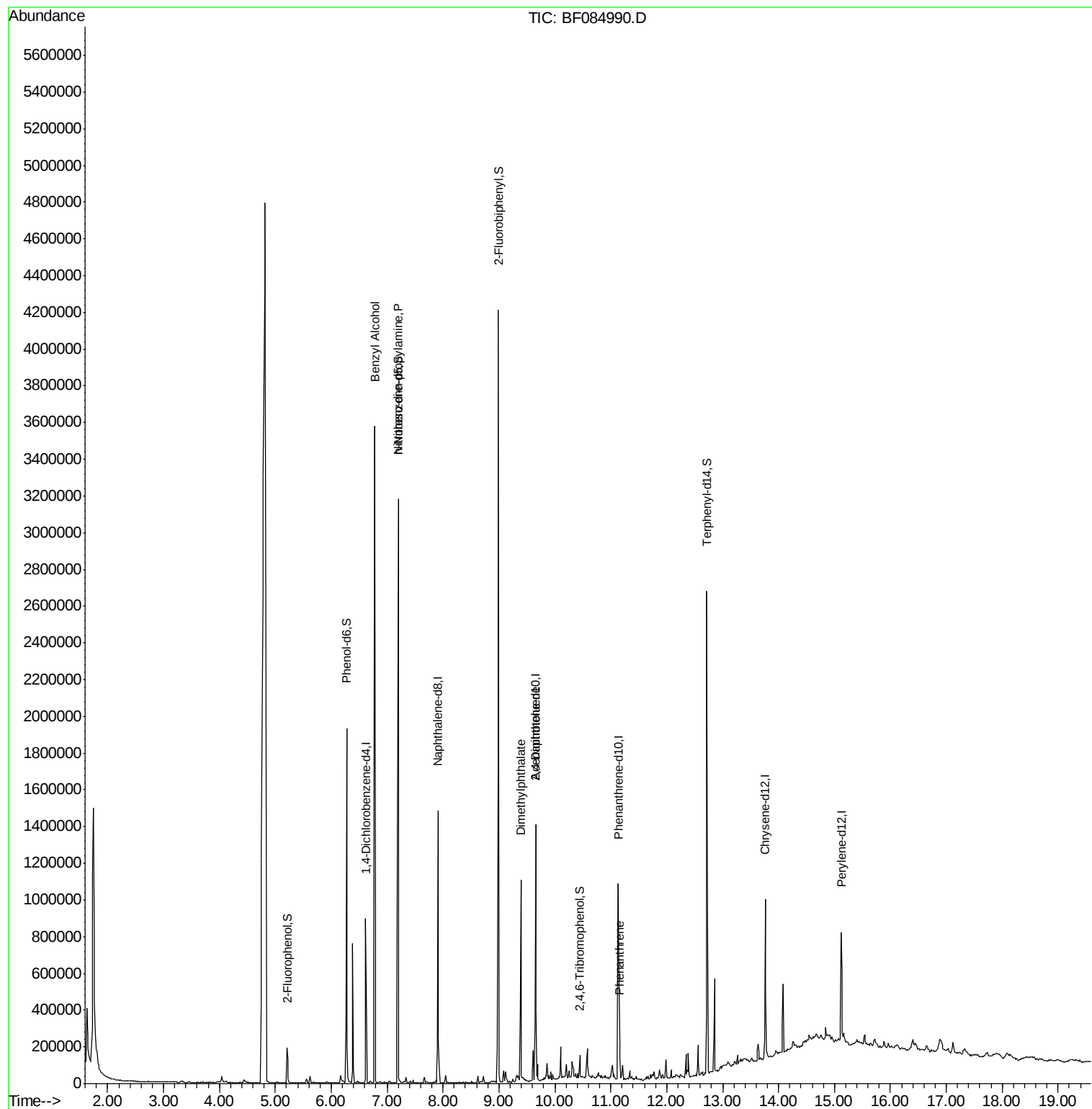
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	151317	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	636999	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	272960	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	461594	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	327637	20.00	ng	-0.01
86) Perylene-d12	15.12	264	283509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	69677	7.17	ng	0.01
7) Phenol-d6	6.27	99	586311	48.68	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1214160	107.37	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	11805	4.15	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1410620	88.10	ng	0.00
78) Terphenyl-d14	12.72	244	869731	60.15	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.78	79	17115	2.06	ng	# 50
19) n-Nitroso-di-n-propylamine	7.20	70	170070	22.53	ng	# 74
49) Dimethylphthalate	9.39	163	461757	22.21	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	36093	6.23	ng	# 22
70) Phenanthrene	11.15	178	91291	3.57	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF084990.D

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Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)

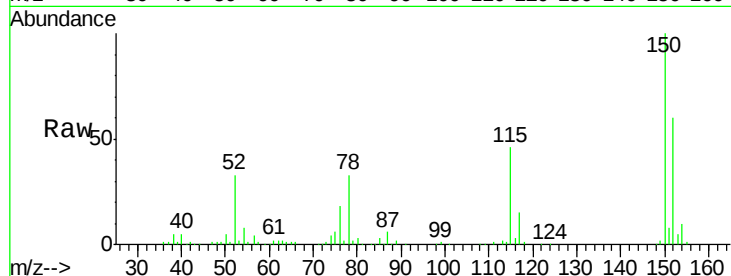
Tgt Ion:152 Resp: 151317

Ion Ratio Lower Upper

152 100

150 166.5 123.0 184.4

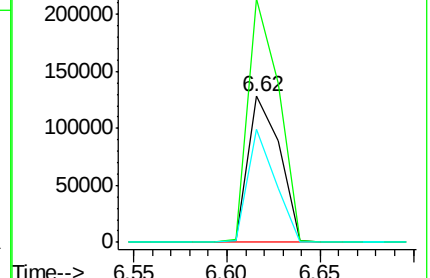
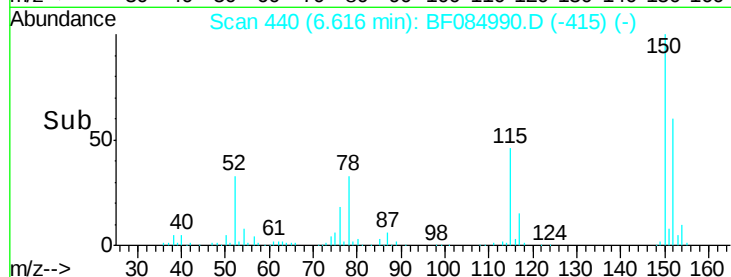
115 76.9 51.4 77.2



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: 7.17 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

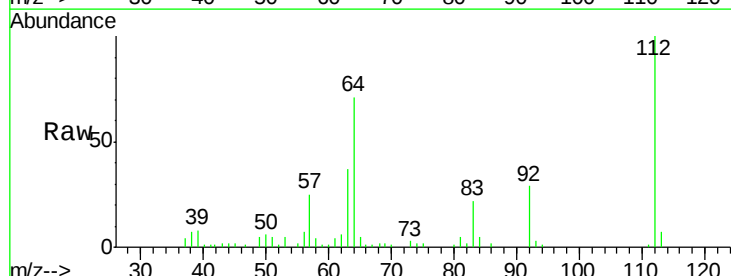
Tgt Ion:112 Resp: 69677

Ion Ratio Lower Upper

112 100

64 71.4 36.6 55.0#

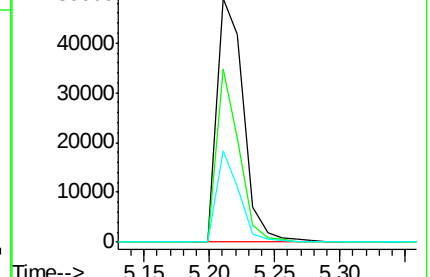
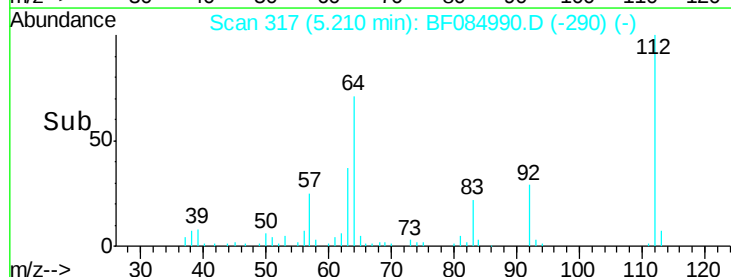
63 37.5 19.4 29.0#



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: 48.68 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)

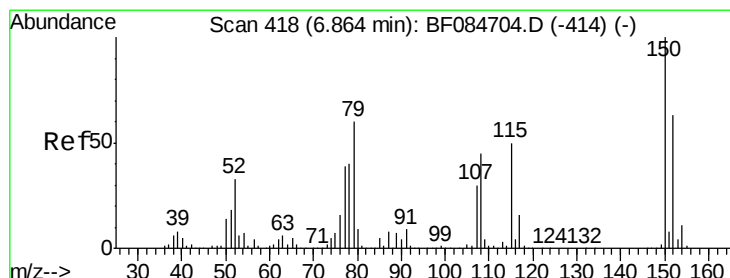
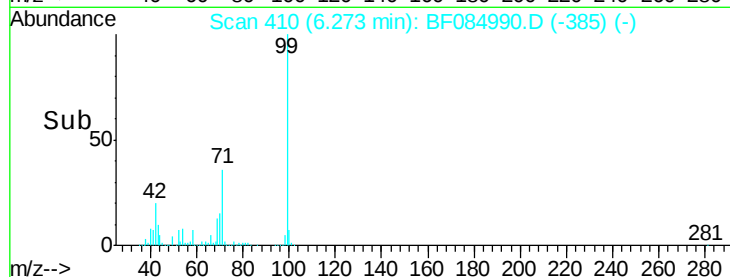
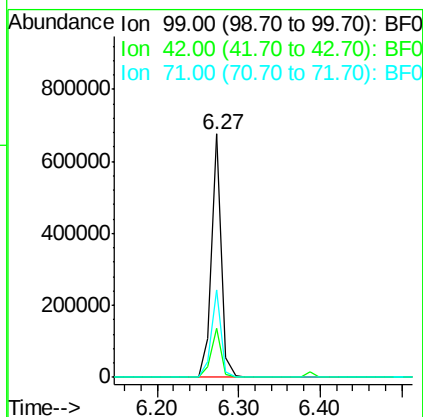
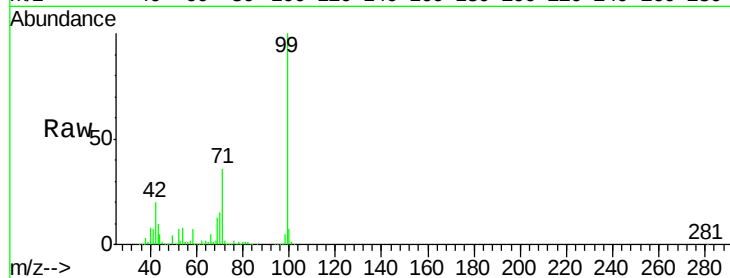
Tgt Ion: 99 Resp: 586311

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

71 35.9 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

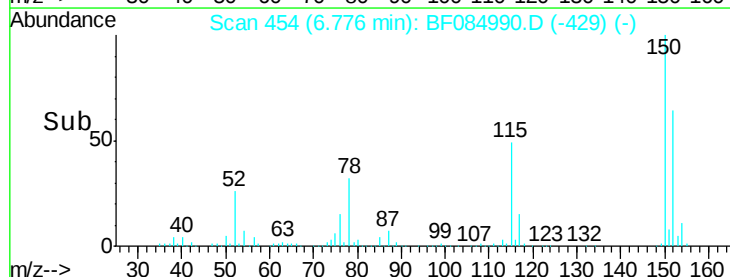
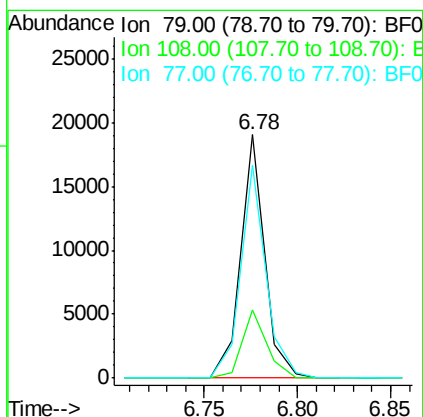
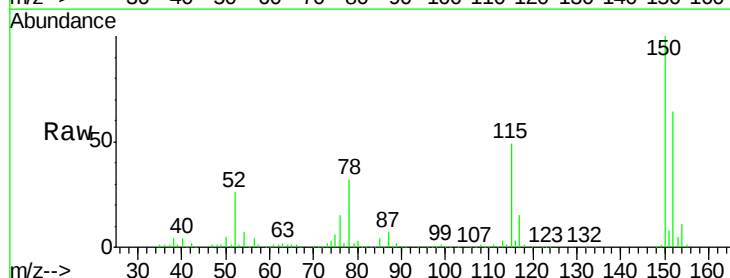
Tgt Ion: 79 Resp: 17115

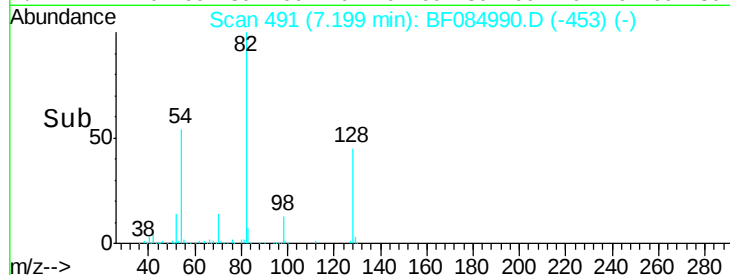
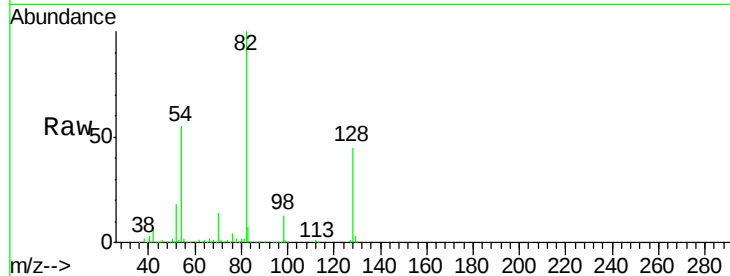
Ion Ratio Lower Upper

79 100

108 27.9 69.0 103.4#

77 87.7 50.0 75.0#

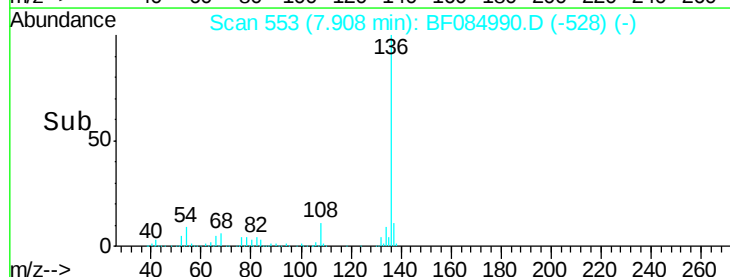
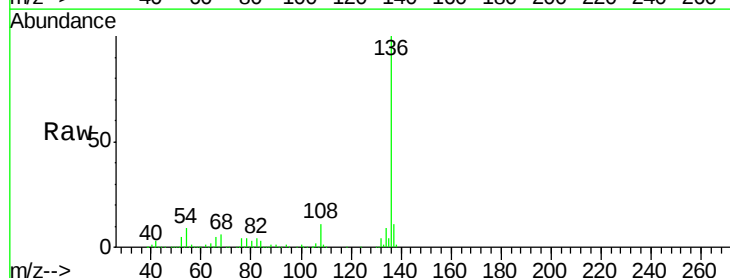
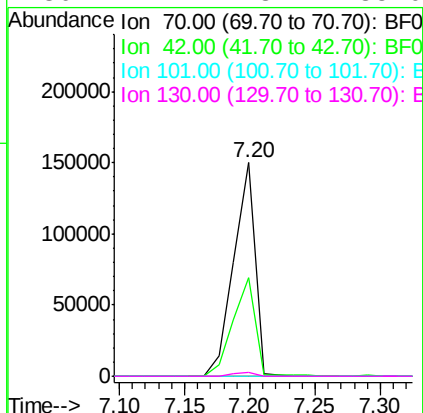




#19
n-Nitroso-di-n-propylamine
Concen: 22.53 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.14 min
Lab File: BF084990.D
Acq: 10 Feb 2016 13:52

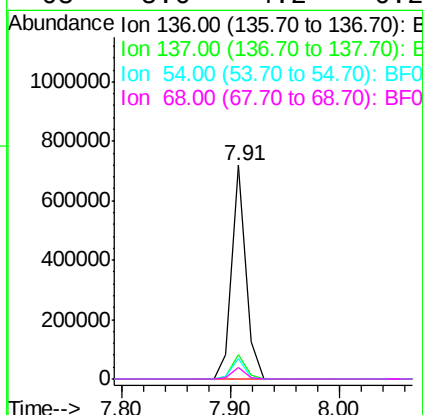
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-5W-(0-2)

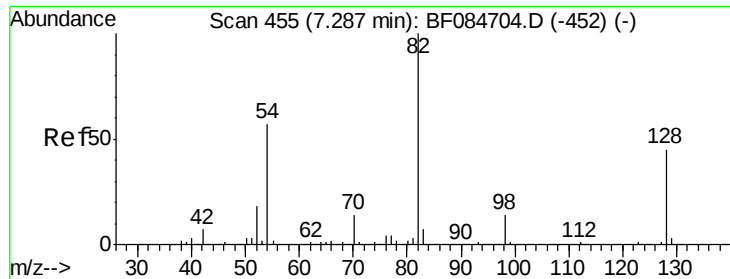
Tgt Ion: 70 Resp: 170070
Ion Ratio Lower Upper
70 100
42 46.5 33.3 49.9
101 0.0 9.3 13.9#
130 2.1 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF084990.D
Acq: 10 Feb 2016 13:52

Tgt Ion:136 Resp: 636999
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.4 5.8 8.8#
68 5.6 4.2 6.2

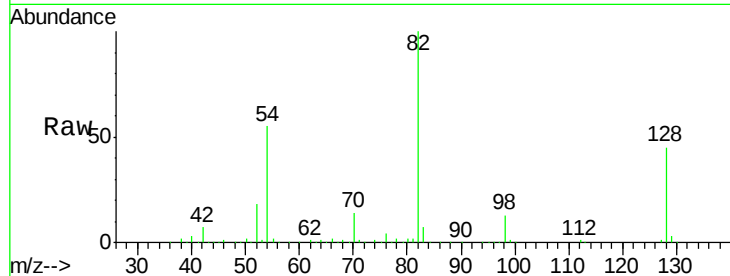




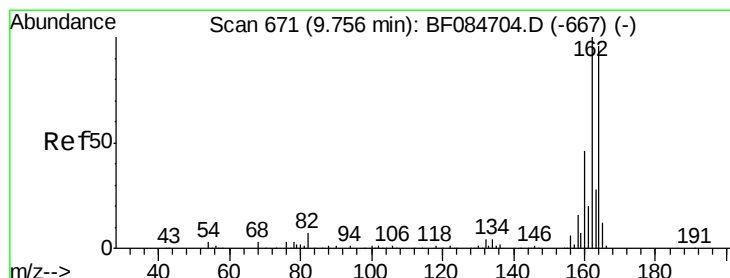
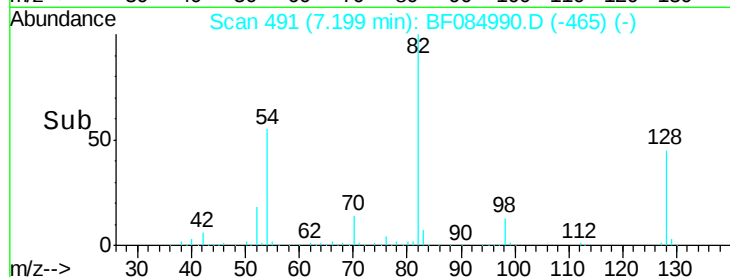
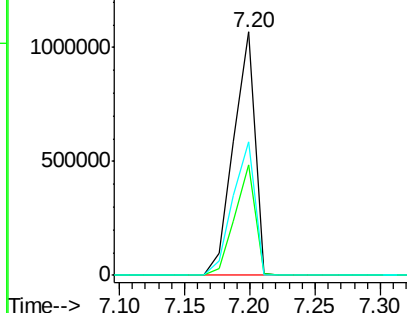
#23
 Nitrobenzene-d5
 Concen: 107.37 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF084990.D
 Acq: 10 Feb 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-5W-(0-2)

Tgt Ion: 82 Resp: 1214160
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 51.8
 54 54.6 38.4 57.6

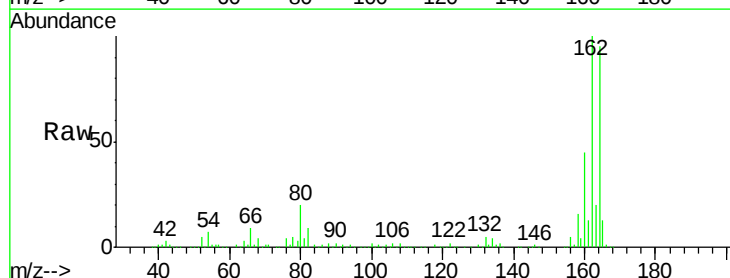


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

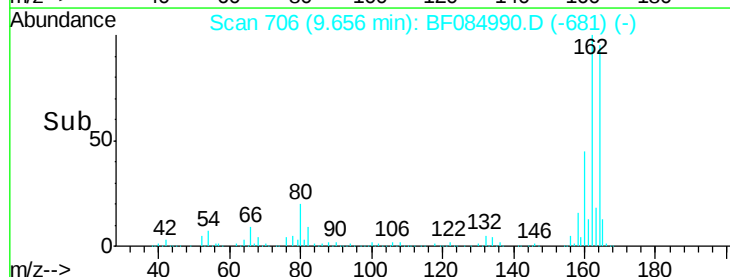
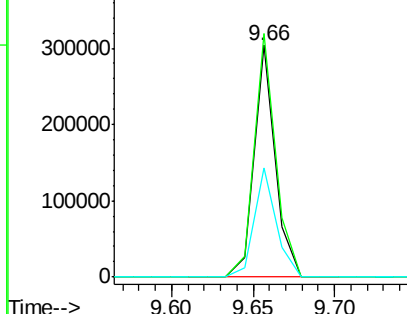


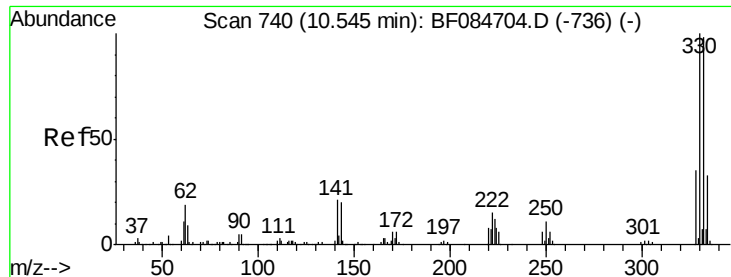
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF084990.D
 Acq: 10 Feb 2016 13:52

Tgt Ion: 164 Resp: 272960
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.1 127.7
 160 46.8 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

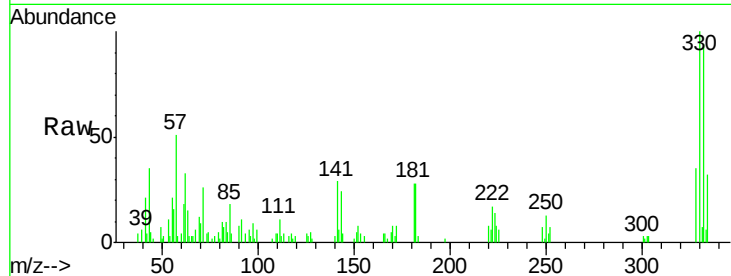




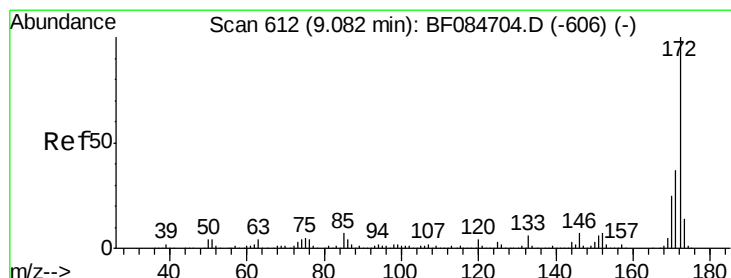
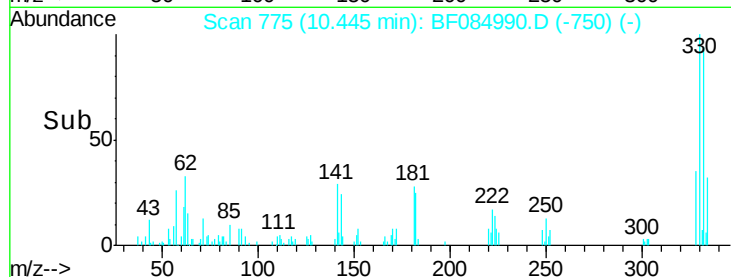
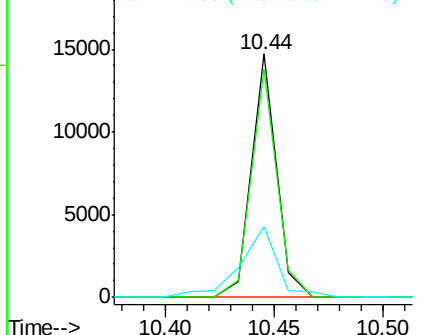
#41
 2,4,6-Tribromophenol
 Concen: 4.15 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF084990.D
 Acq: 10 Feb 2016 13:52

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-5W-(0-2)

Tgt Ion:330 Resp: 11805
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 43.7 27.8 41.6#

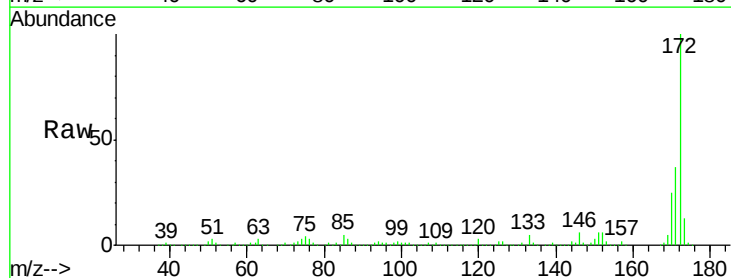


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

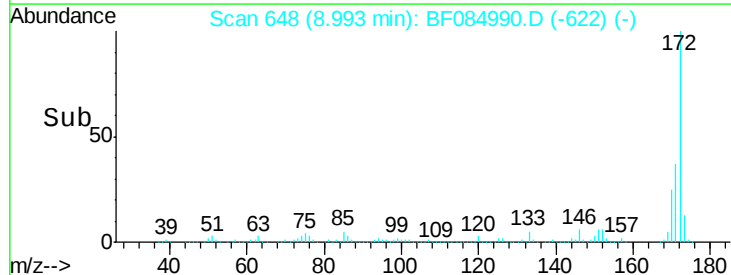
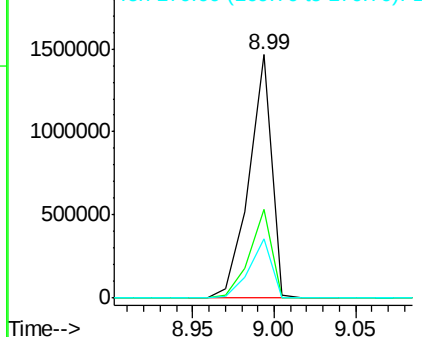


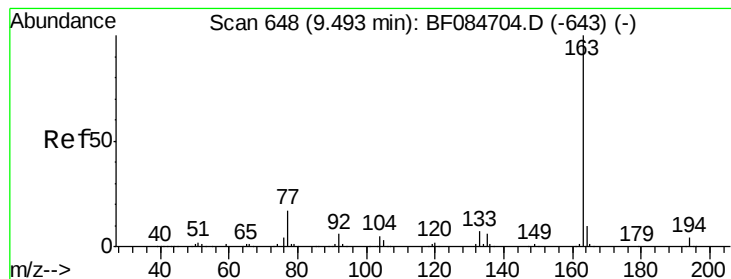
#44
 2-Fluorobiphenyl
 Concen: 88.10 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF084990.D
 Acq: 10 Feb 2016 13:52

Tgt Ion:172 Resp: 1410620
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.6 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





#49

Dimethylphthalate

Concen: 22.21 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)

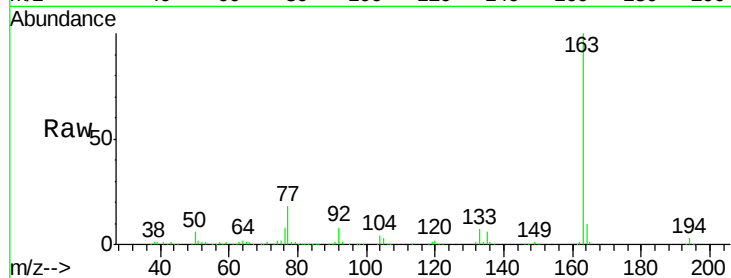
Tgt Ion:163 Resp: 461757

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

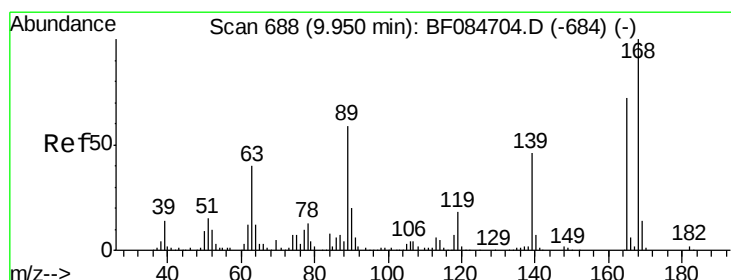
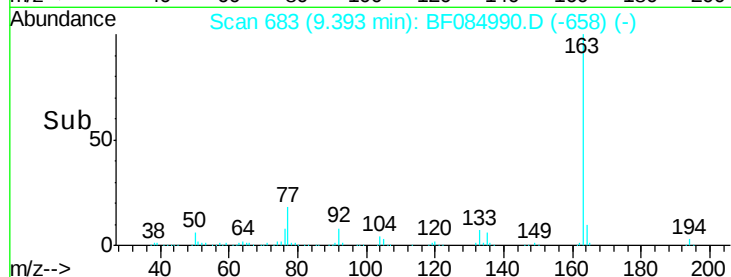
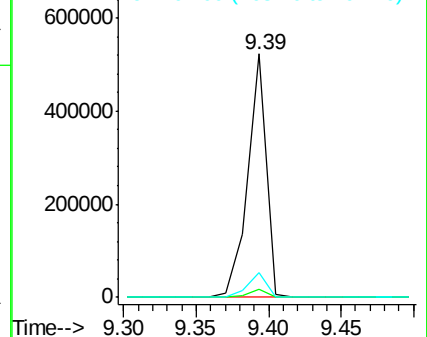
164 10.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.23 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.22 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

Tgt Ion:165 Resp: 36093

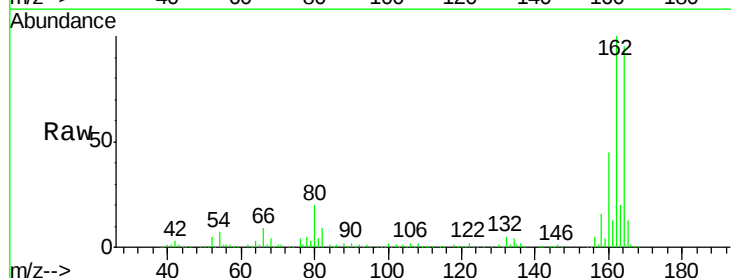
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 2.0 61.9 92.9#

182 0.0 2.0 3.0#

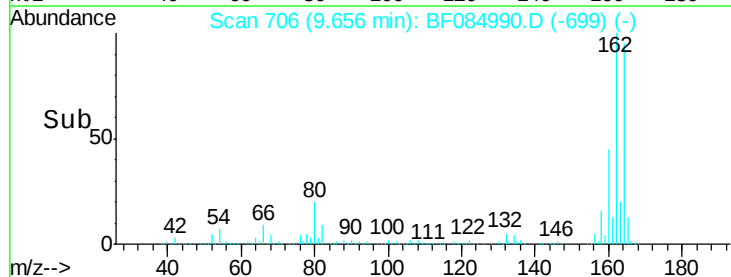
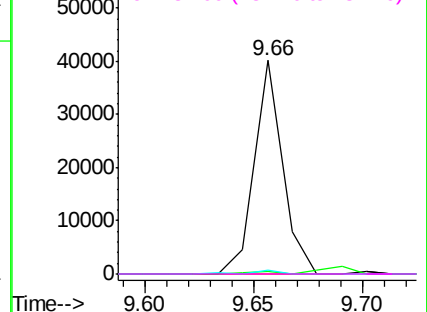


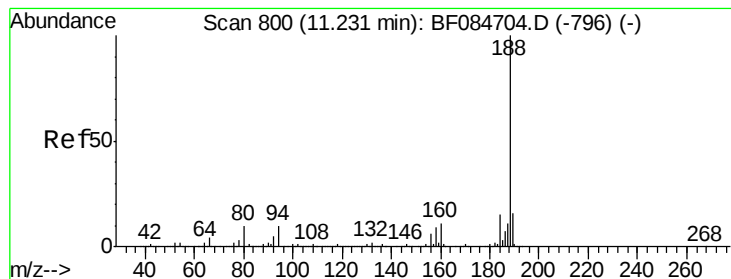
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF084990.D

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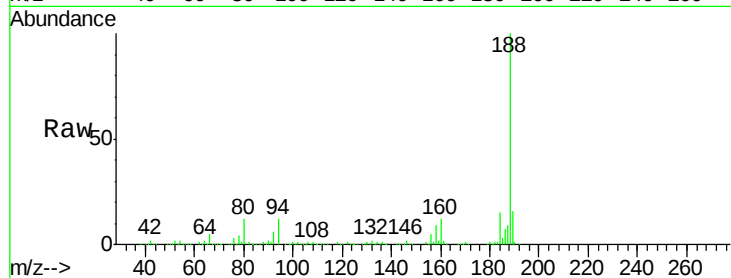
Tgt Ion:188 Resp: 461594

Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.4

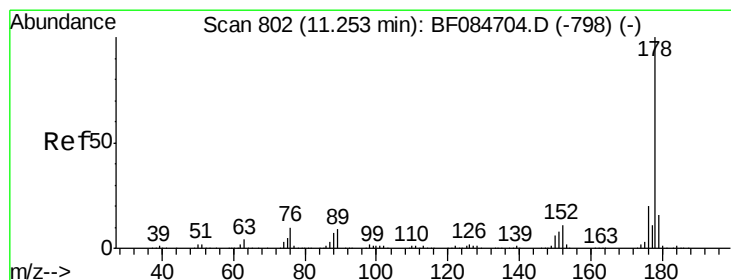
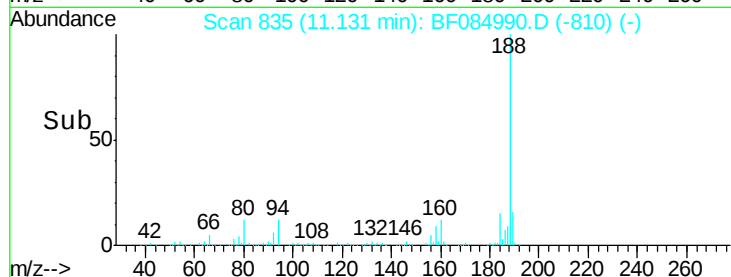
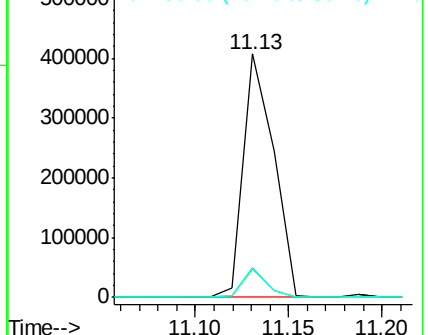
80 12.5 9.6 14.4



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



#70

Phenanthrene

Concen: 3.57 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

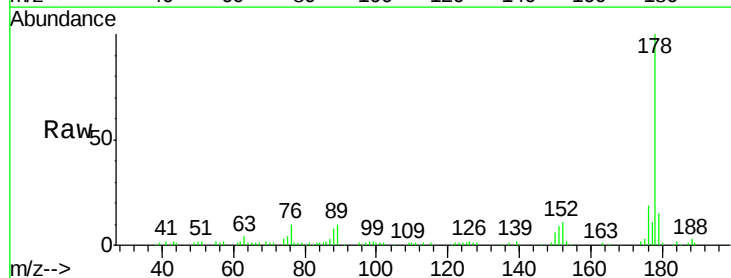
Tgt Ion:178 Resp: 91291

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

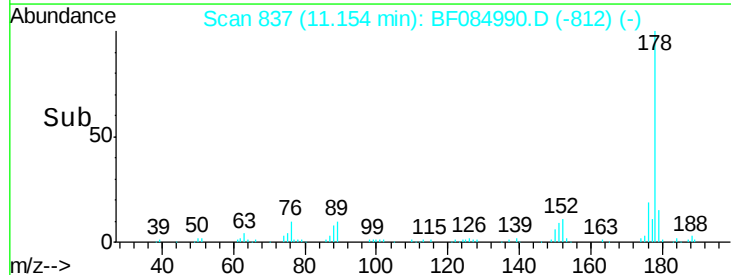
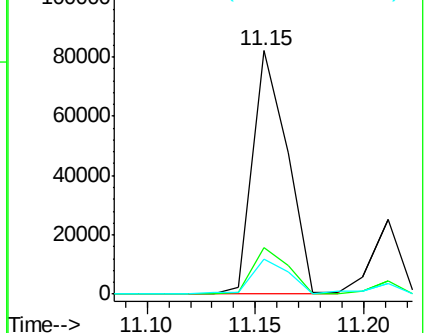
179 14.6 12.0 18.0

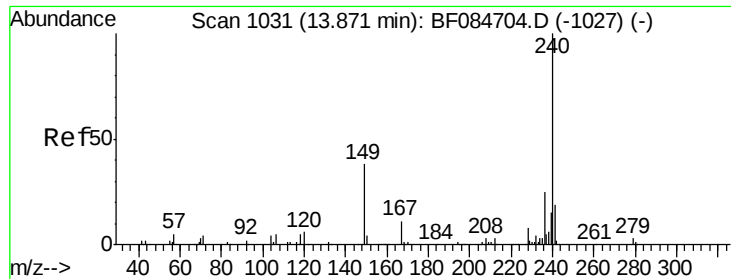


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

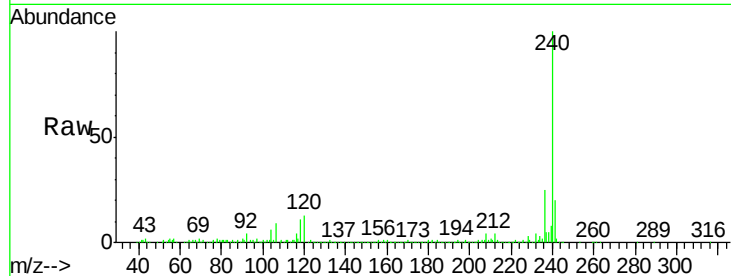
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STOCKPILE-5W-(0-2)

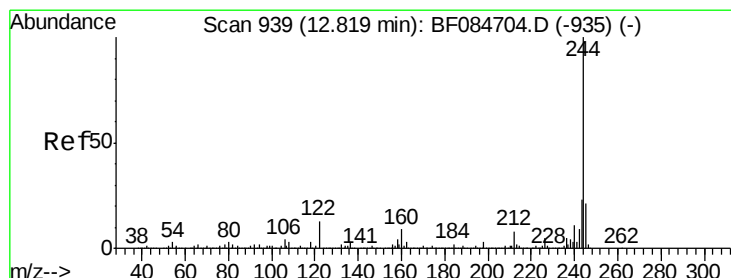
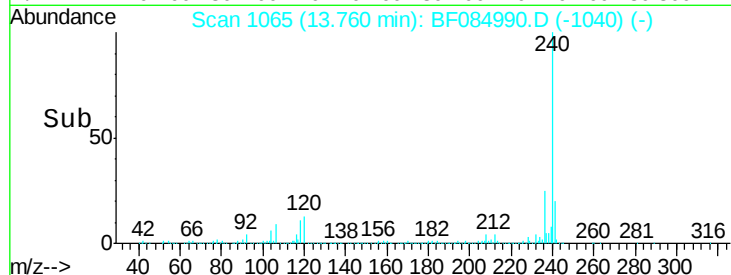
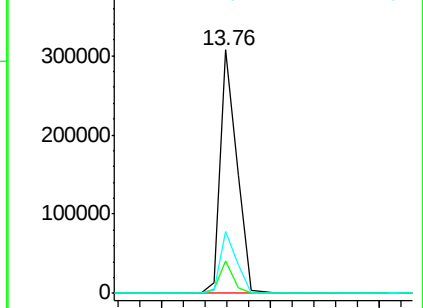
Tgt Ion:	240	Resp:	327637
Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.3	20.6	31.0



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



#78

Terphenyl-d14

Concen: 60.15 ng

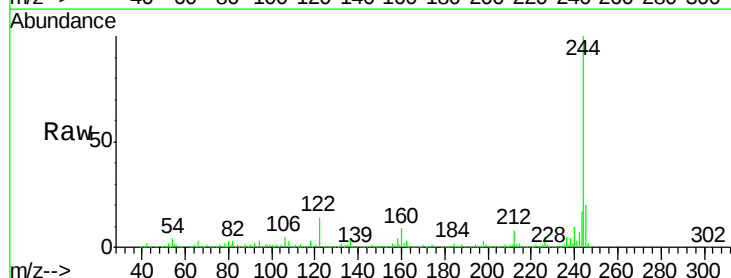
RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF084990.D

Acq: 10 Feb 2016 13:52

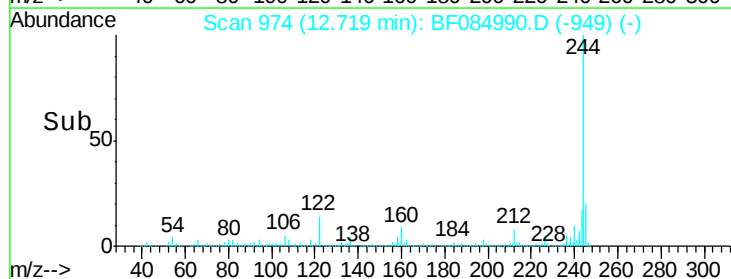
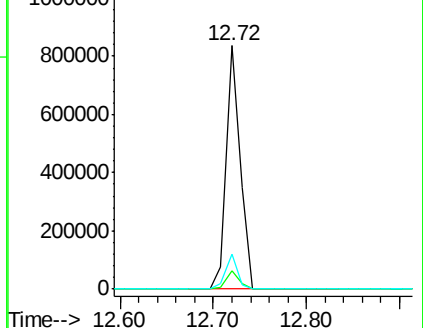
Tgt Ion:	244	Resp:	869731
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	14.2	7.4	11.0#

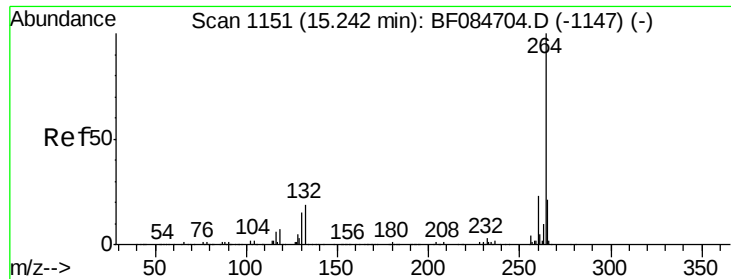


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

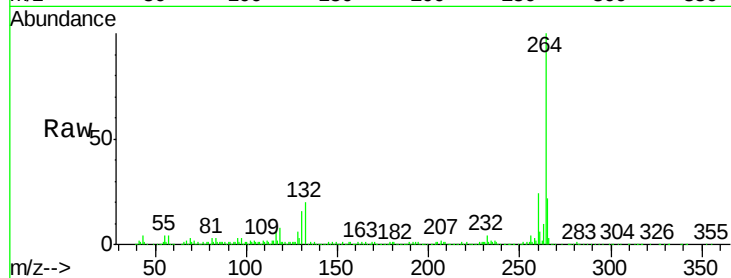




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF084990.D
Acq: 10 Feb 2016 13:52

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-5W-(0-2)

Tgt Ion: 264 Resp: 283509
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 22.2 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

