

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084994.D
 Acq On : 10 Feb 2016 15:48
 Operator : SJ/IZ
 Sample : H1392-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 10 16:50:42 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

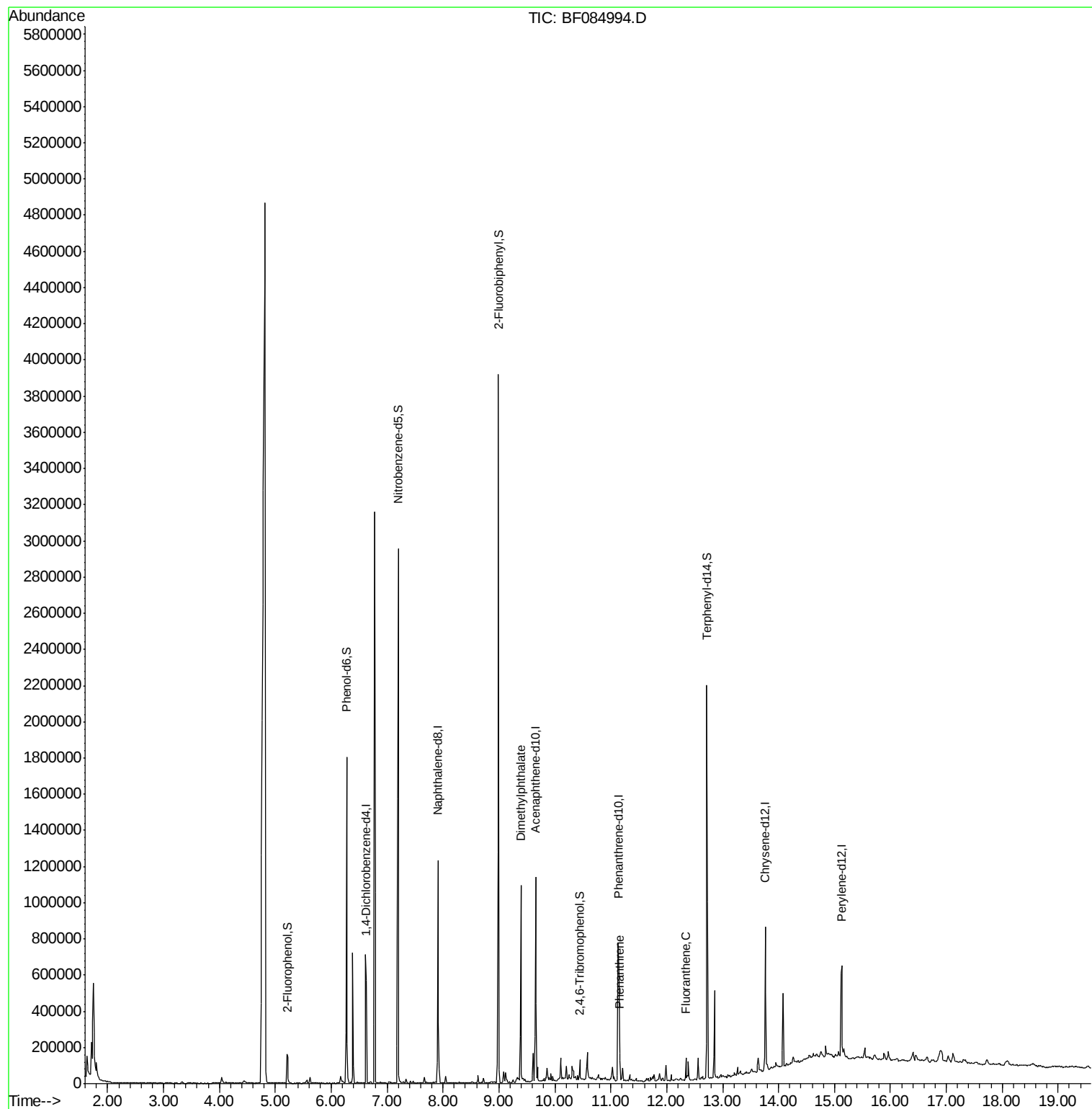
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	144110	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	572950	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	237478	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	385412	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	314422	20.00	ng	-0.01
86) Perylene-d12	15.13	264	266686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	68830	7.44	ng	0.02
7) Phenol-d6	6.27	99	543610	47.39	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1105135	108.66	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	8971	3.62	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1213990	86.64	ng	0.00
78) Terphenyl-d14	12.72	244	774193	55.80	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.39	163	418347	23.13	ng	Qvalue # 90
70) Phenanthrene	11.15	178	76083	3.56	ng	98
74) Fluoranthene	12.34	202	44622	2.06	ng	96

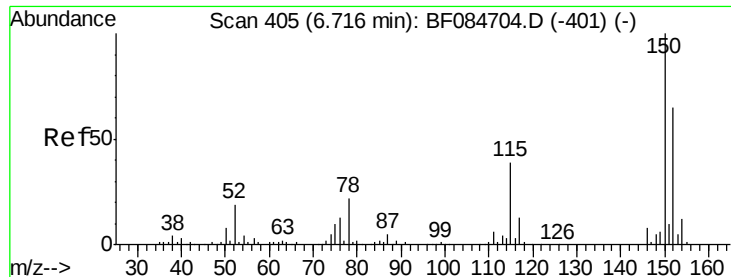
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF084994.D

Acq: 10 Feb 2016 15:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)RE

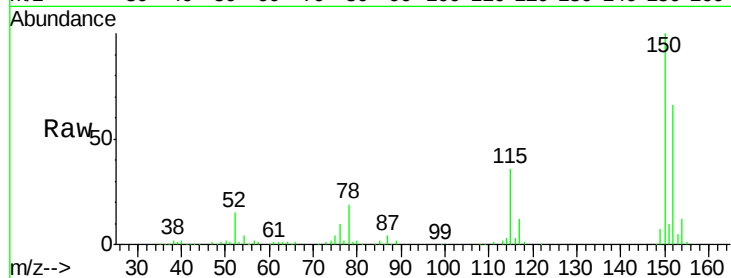
Tgt Ion:152 Resp: 144110

Ion Ratio Lower Upper

152 100

150 151.0 123.0 184.4

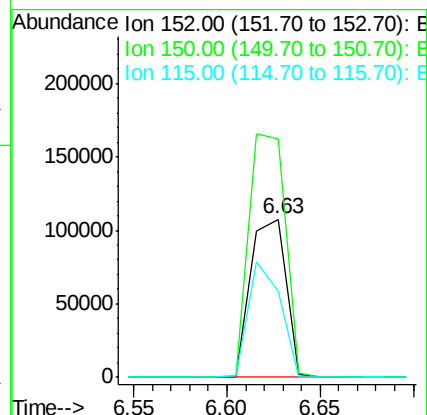
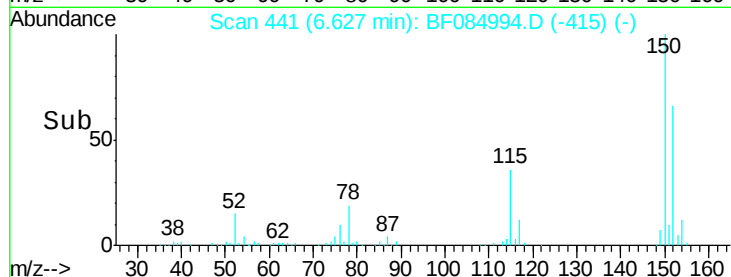
115 54.3 51.4 77.2



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: 7.44 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF084994.D

Acq: 10 Feb 2016 15:48

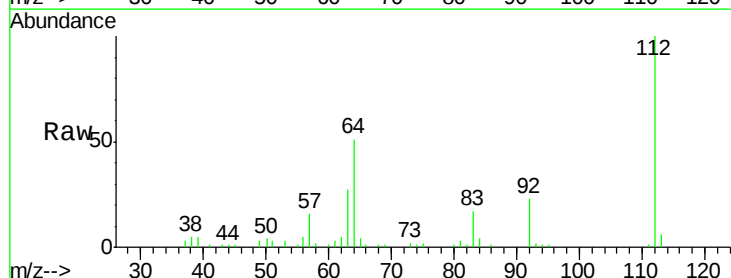
Tgt Ion:112 Resp: 68830

Ion Ratio Lower Upper

112 100

64 50.7 36.6 55.0

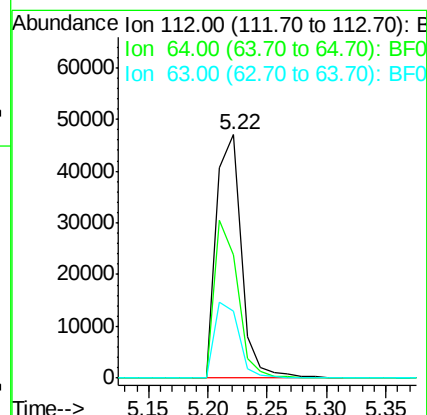
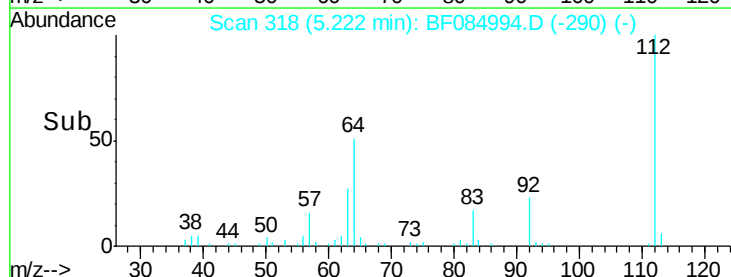
63 27.4 19.4 29.0



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: 47.39 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF084994.D

Acq: 10 Feb 2016 15:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)RE

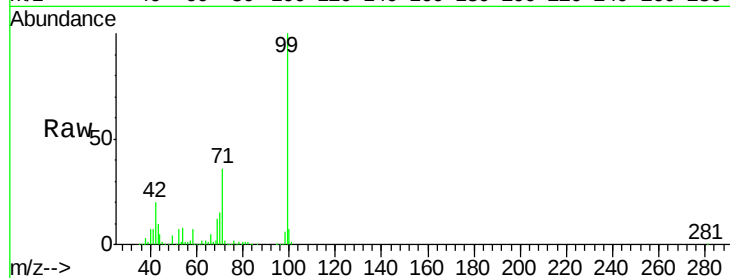
Tgt Ion: 99 Resp: 543610

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

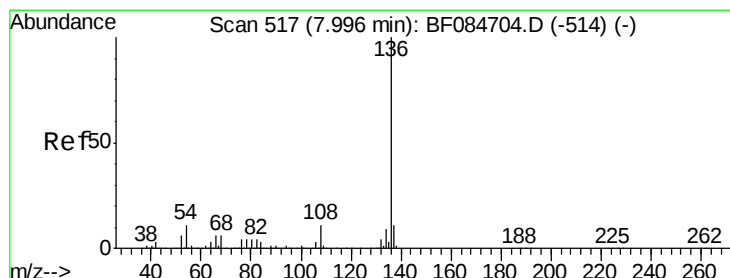
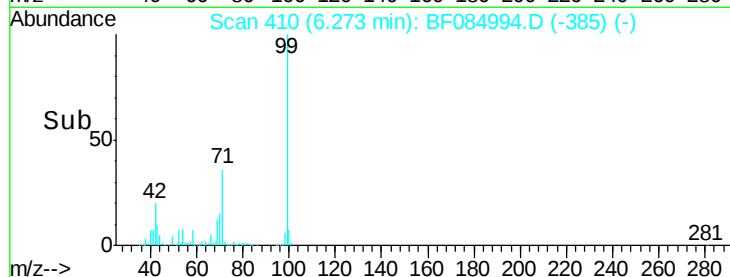
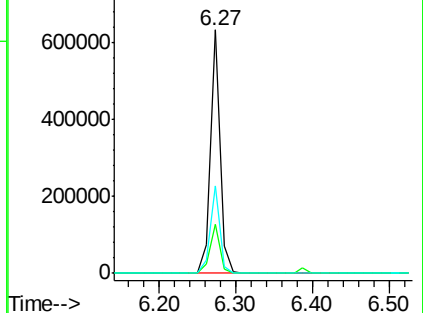
71 35.8 30.9 46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF084994.D

Acq: 10 Feb 2016 15:48

Tgt Ion: 136 Resp: 572950

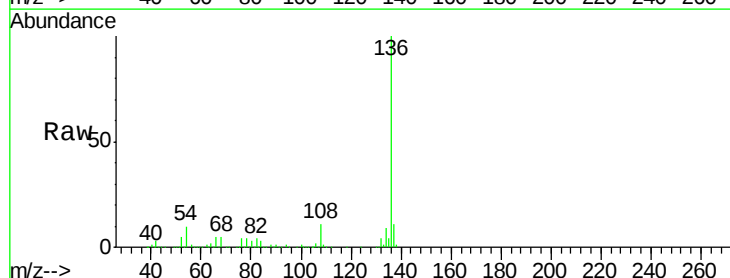
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.6 5.8 8.8#

68 5.3 4.2 6.2

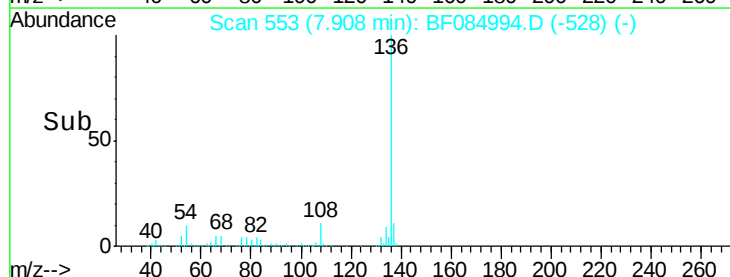
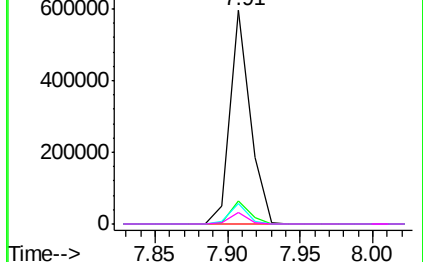


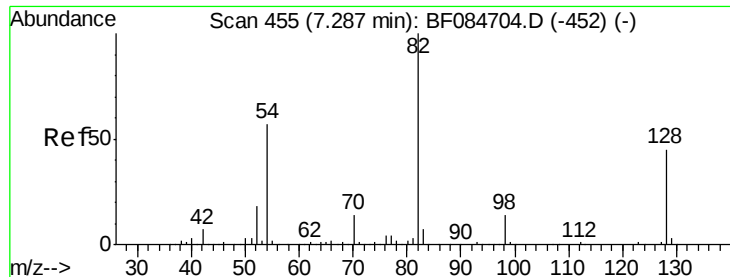
Abundance Ion 136.00 (135.70 to 136.70): E

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

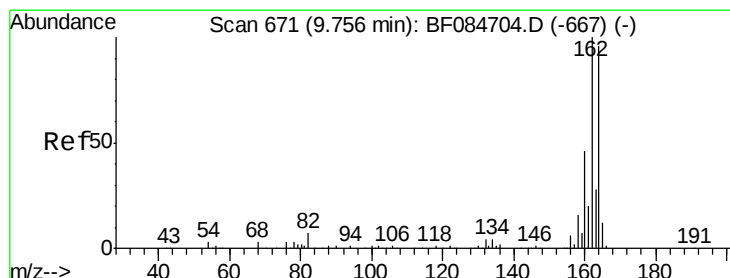
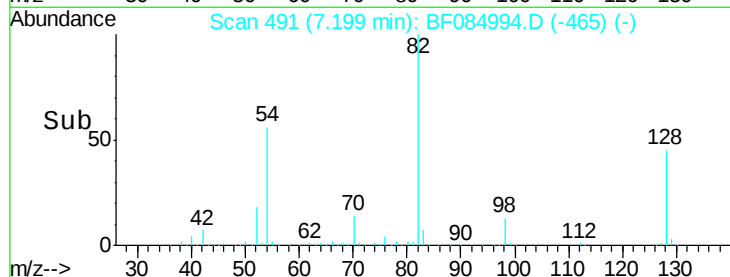
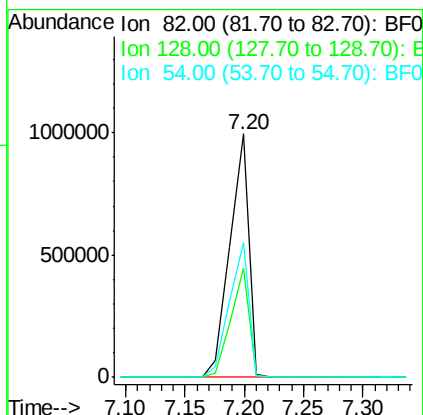
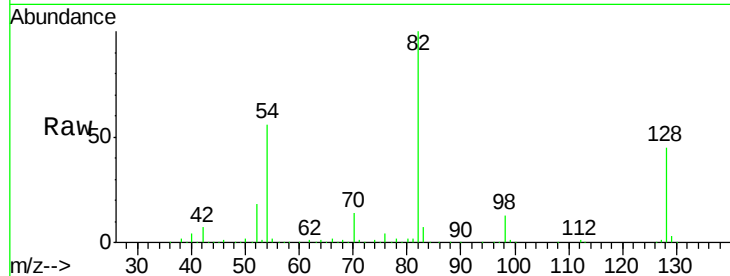




#23
 Nitrobenzene-d5
 Concen: 108.66 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF084994.D
 Acq: 10 Feb 2016 15:48

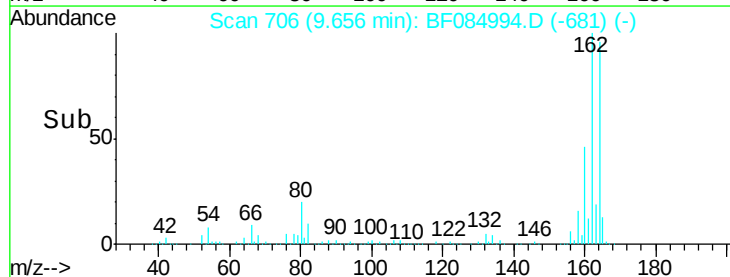
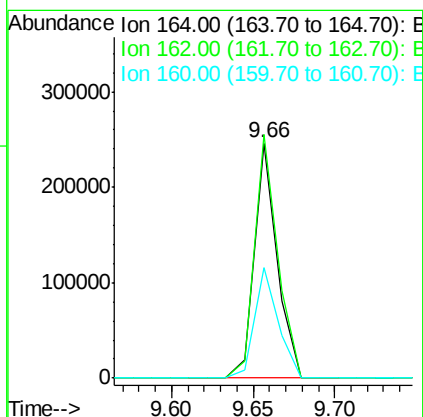
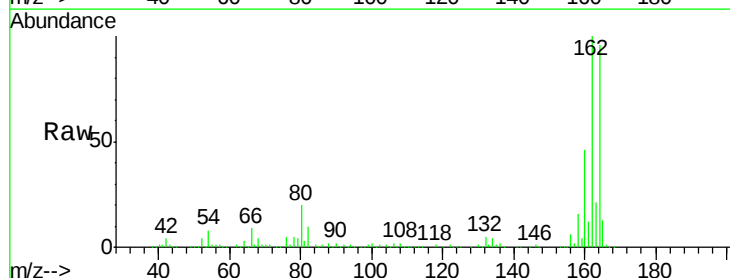
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-5W-(0-2)RE

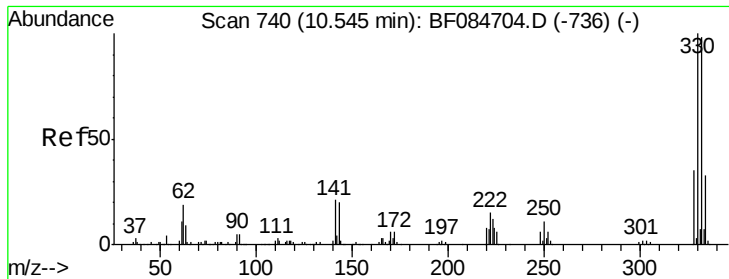
Tgt Ion: 82 Resp: 1105135
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 51.8
 54 55.6 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF084994.D
 Acq: 10 Feb 2016 15:48

Tgt Ion: 164 Resp: 237478
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.1 127.7
 160 47.2 37.5 56.3

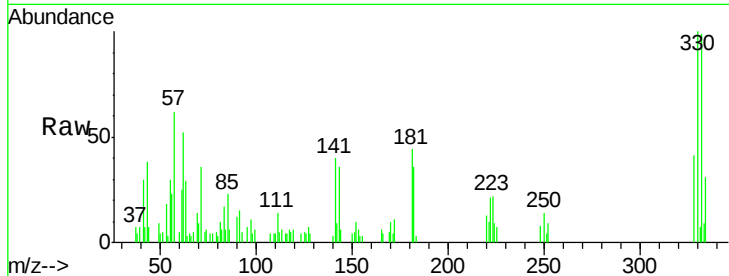




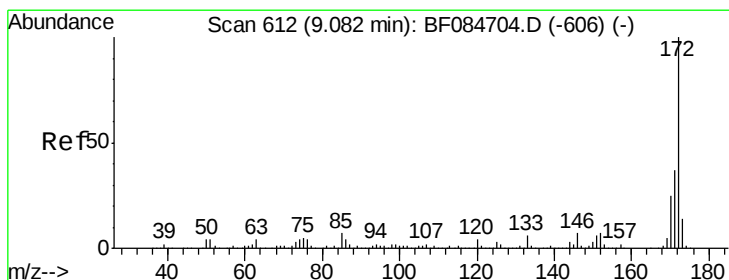
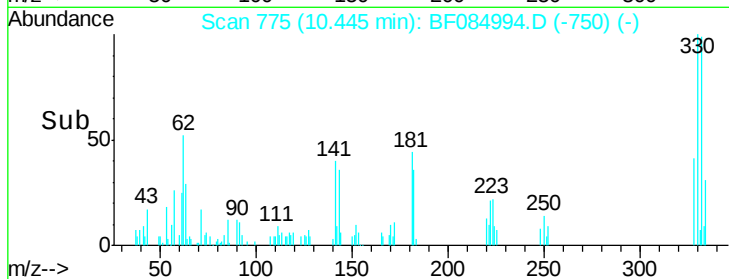
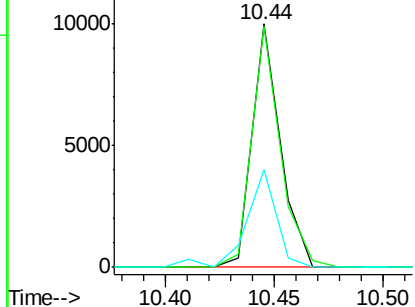
#41
 2,4,6-Tribromophenol
 Concen: 3.62 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF084994.D
 Acq: 10 Feb 2016 15:48

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

Tgt Ion:330 Resp: 8971
 Ion Ratio Lower Upper
 330 100
 332 101.1 76.6 114.8
 141 42.9 27.8 41.6#



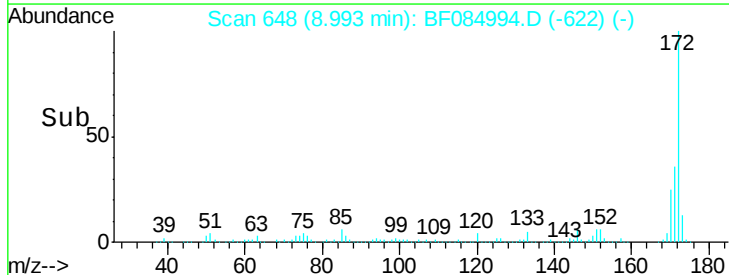
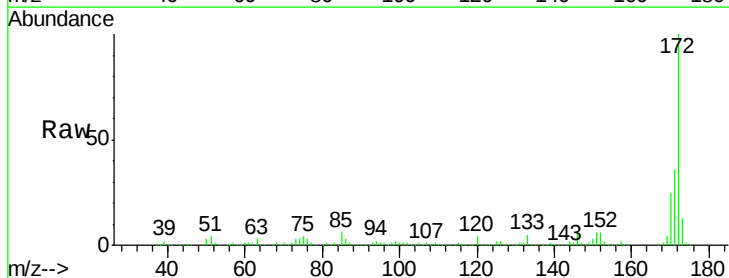
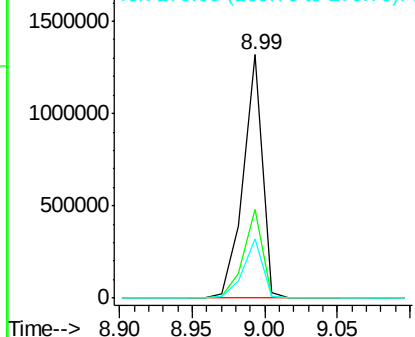
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

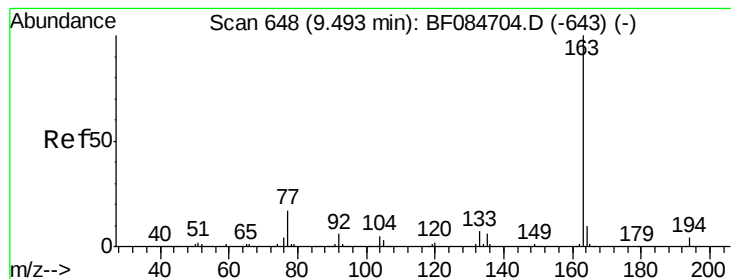


#44
 2-Fluorobiphenyl
 Concen: 86.64 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF084994.D
 Acq: 10 Feb 2016 15:48

Tgt Ion:172 Resp: 1213990
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 23.13 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084994.D

Acq: 10 Feb 2016 15:48

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)RE

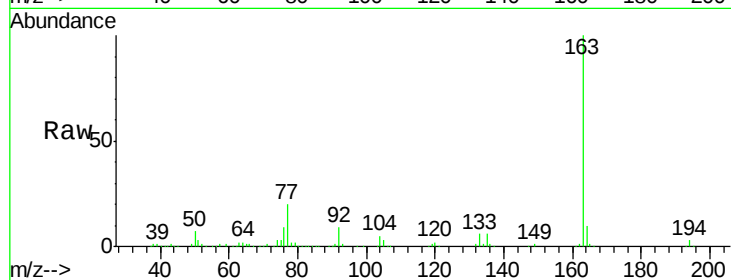
Tgt Ion:163 Resp: 418347

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

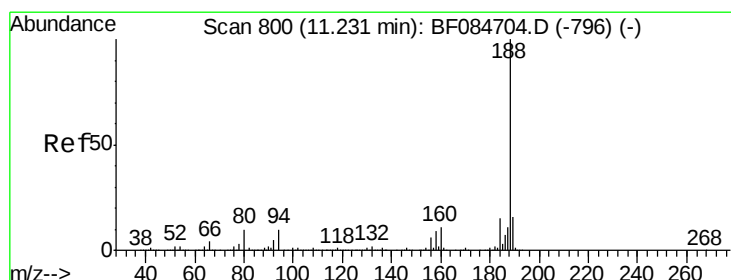
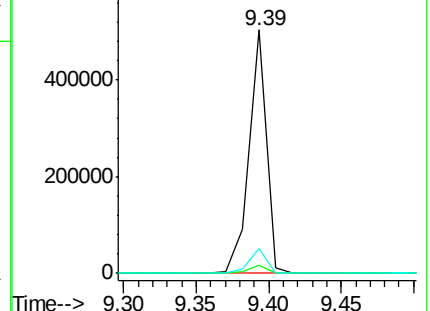
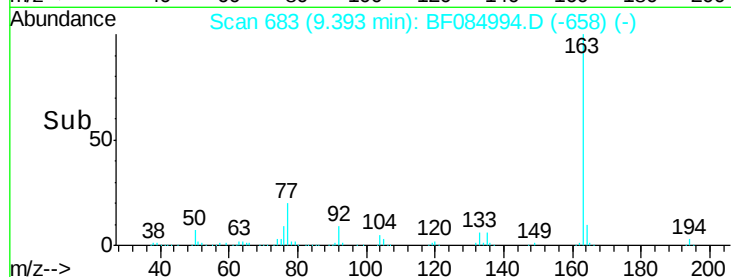
164 10.2 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF084994.D

Acq: 10 Feb 2016 15:48

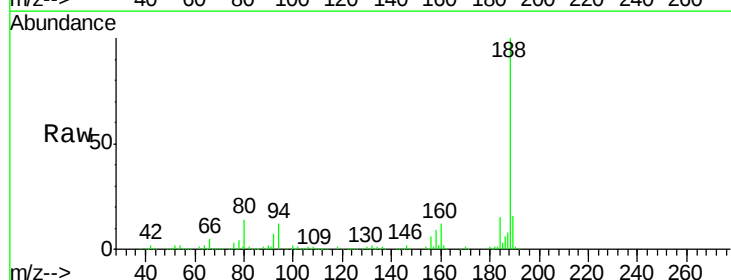
Tgt Ion:188 Resp: 385412

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.4

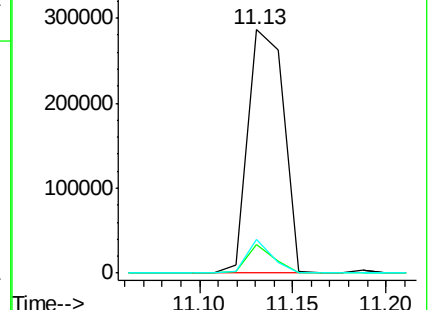
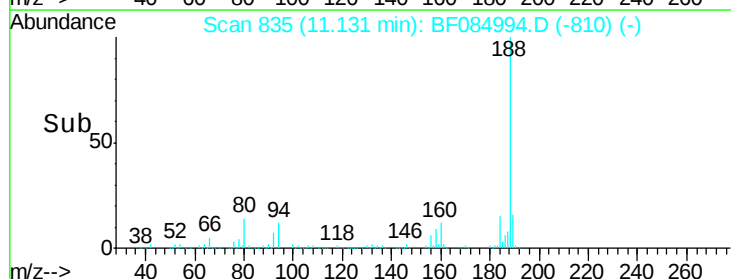
80 13.8 9.6 14.4

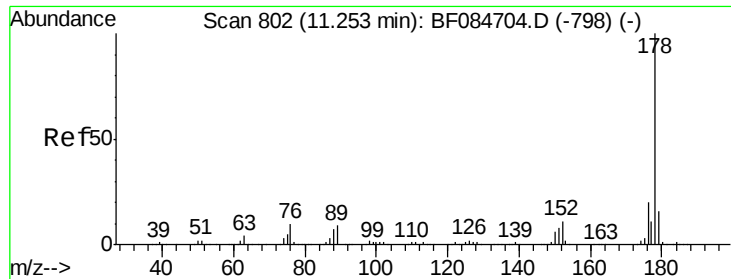


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

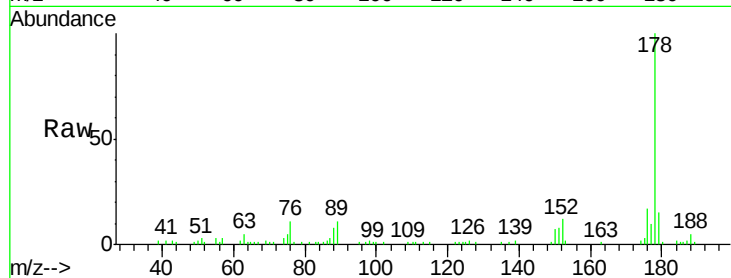




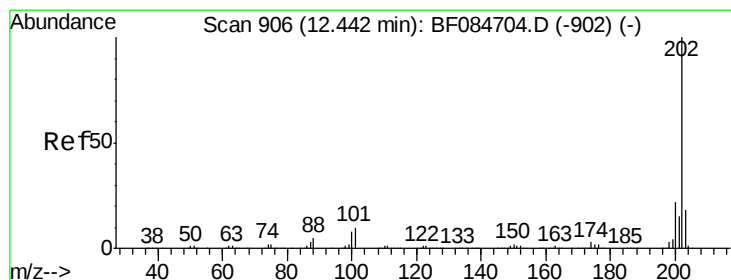
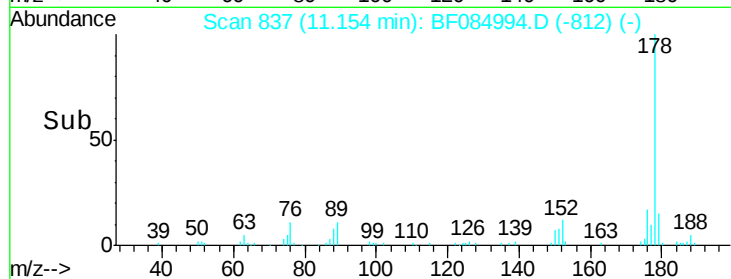
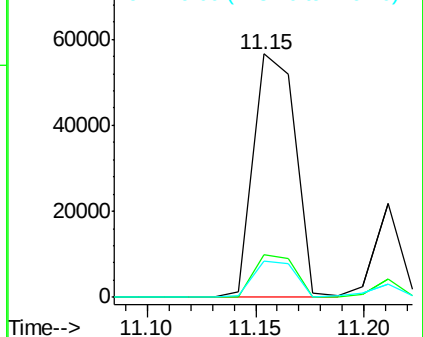
#70
Phenanthrene
Concen: 3.56 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF084994.D
Acq: 10 Feb 2016 15:48

Instrument :
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STOCKPILE-5W-(0-2)RE

Tgt Ion:178 Resp: 76083
Ion Ratio Lower Upper
178 100
176 17.5 15.3 22.9
179 14.8 12.0 18.0

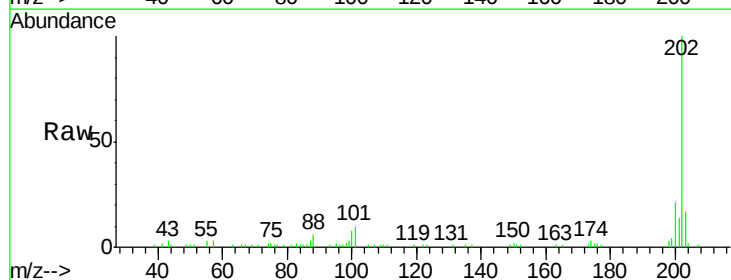


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

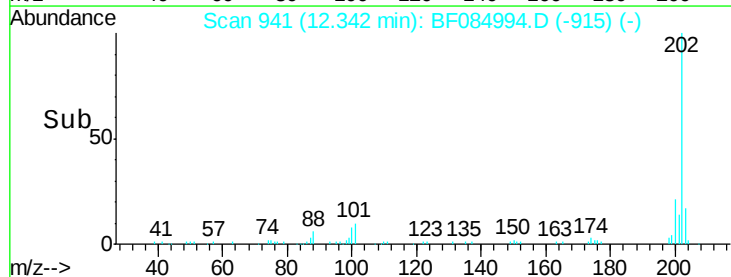
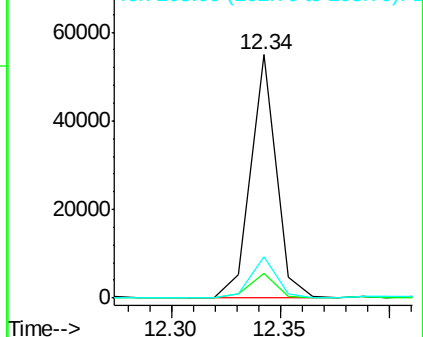


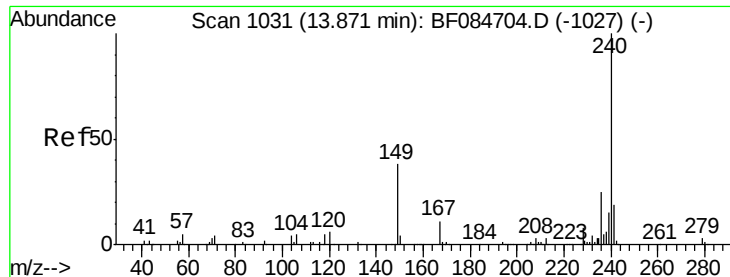
#74
Fluoranthene
Concen: 2.06 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF084994.D
Acq: 10 Feb 2016 15:48

Tgt Ion:202 Resp: 44622
Ion Ratio Lower Upper
202 100
101 10.2 0.0 32.8
203 16.9 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF084994.D

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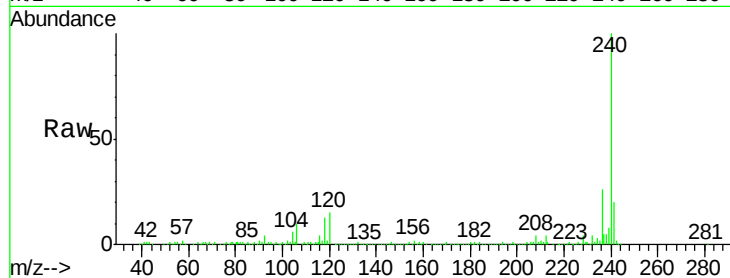
Tgt Ion:240 Resp: 314422

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

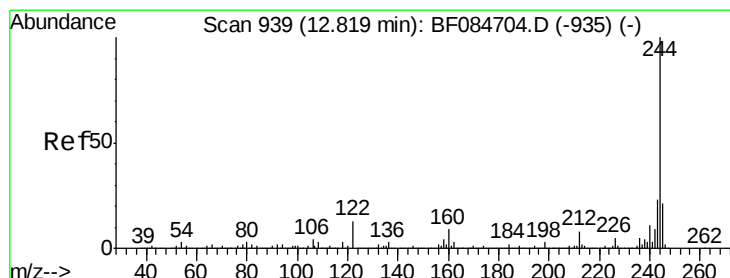
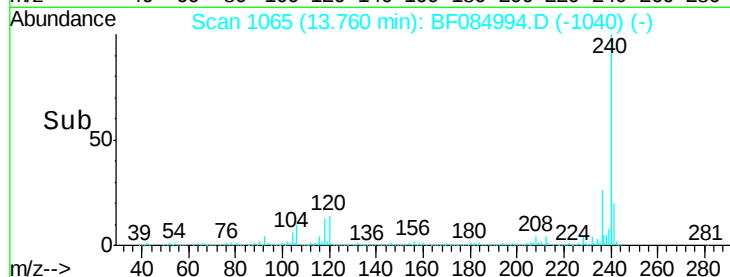
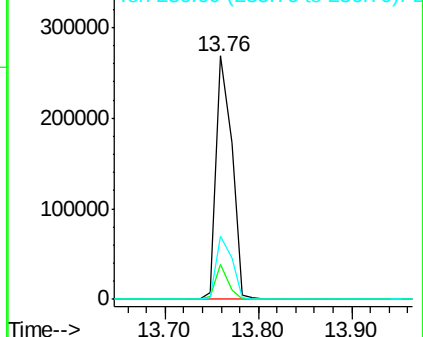
236 25.8 20.6 31.0



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: 55.80 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF084994.D

Acq: 10 Feb 2016 15:48

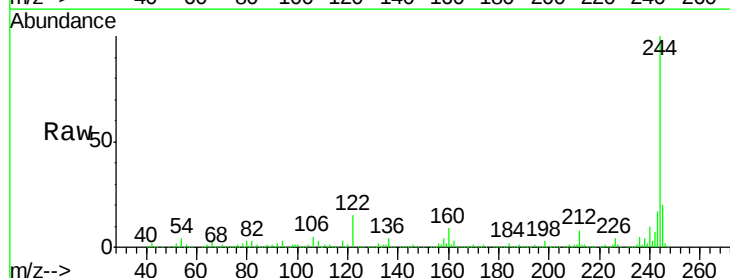
Tgt Ion:244 Resp: 774193

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

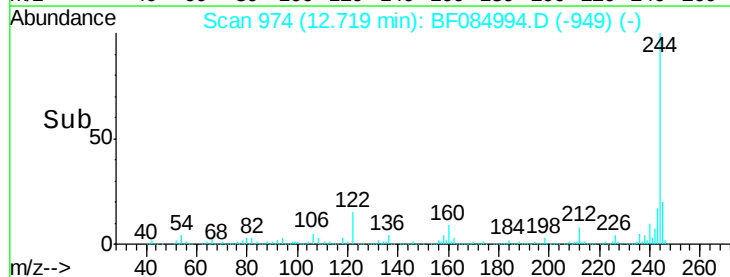
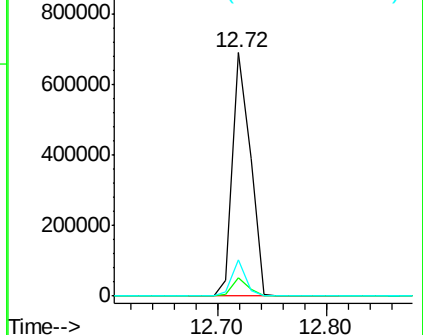
122 14.7 7.4 11.0#

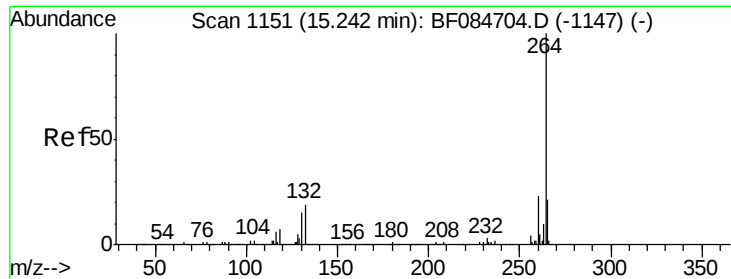


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.13 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF084994.D
Acq: 10 Feb 2016 15:48

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

Tgt Ion: 264 Resp: 266686
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.2
265 21.9 17.8 26.6

