

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 16:33:17 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

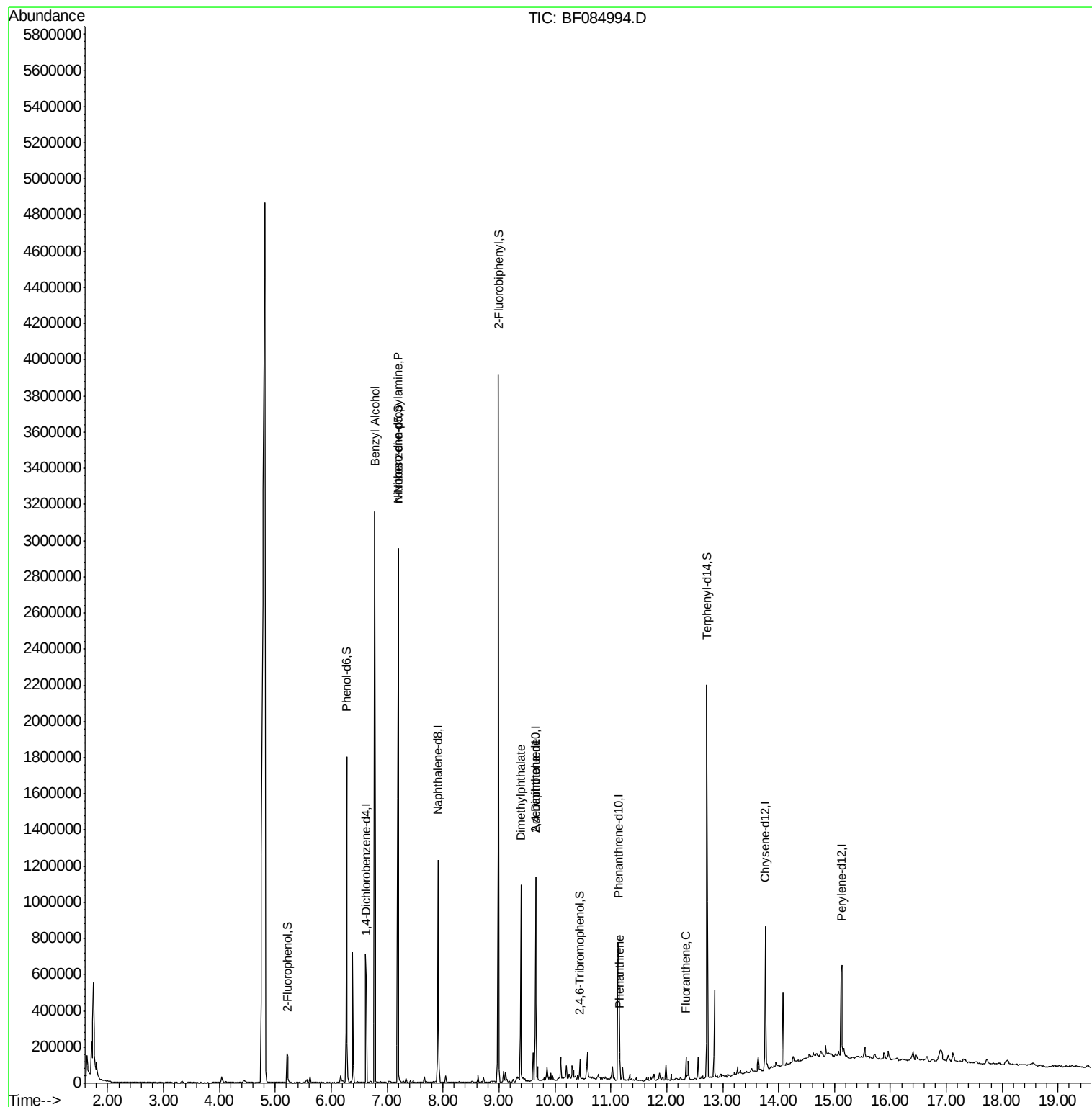
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	144110	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	572950	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	237478	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	385412	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	314422	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						Qvalue
15) Benzyl Alcohol	6.78	79	16646	2.10	ng	# 50
19) n-Nitroso-di-n-propylamine	7.20	70	154127	21.44	ng	# 73
49) Dimethylphthalate	9.39	163	418347	23.13	ng	# 90
56) 2,4-Dinitrotoluene	9.66	165	30840	6.12	ng	# 22
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

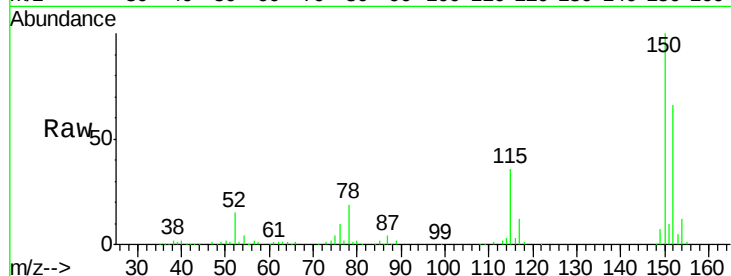
Tgt Ion:152 Resp: 144110

Ion Ratio Lower Upper

152 100

150 151.0 123.0 184.4

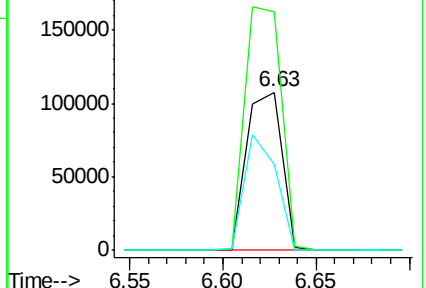
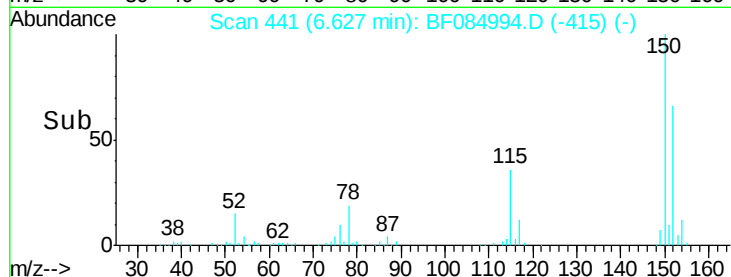
115 54.3 51.4 77.2



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

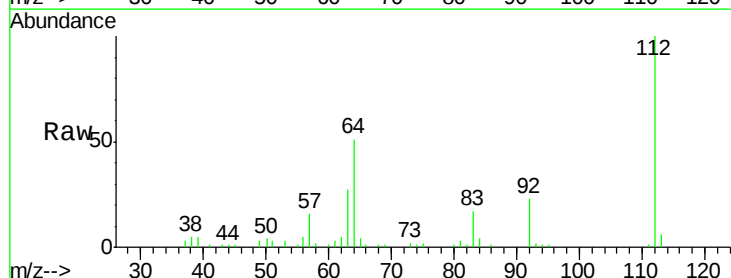
Tgt Ion:112 Resp: 68830

Ion Ratio Lower Upper

112 100

64 50.7 36.6 55.0

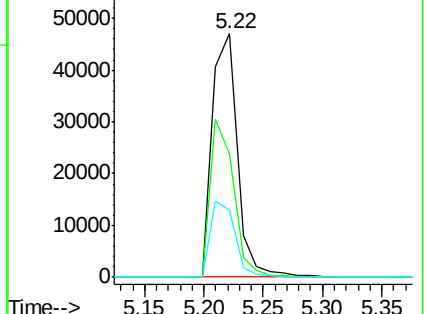
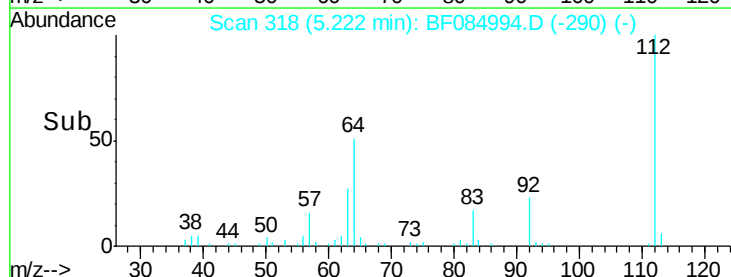
63 27.4 19.4 29.0

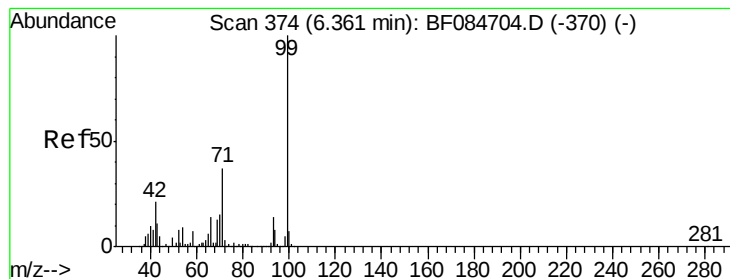


Abundance Ion 112.00 (111.70 to 112.70): E

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

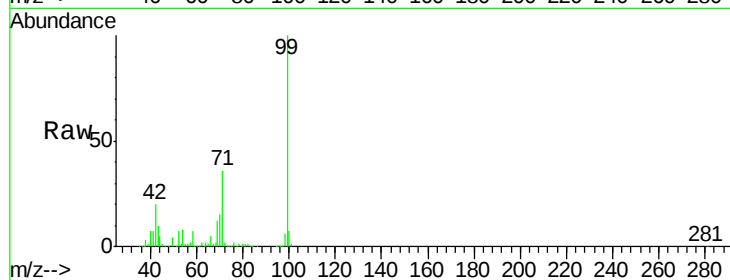
Tgt Ion: 99 Resp: 543610

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

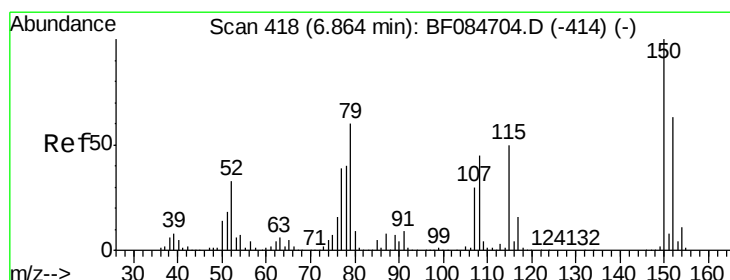
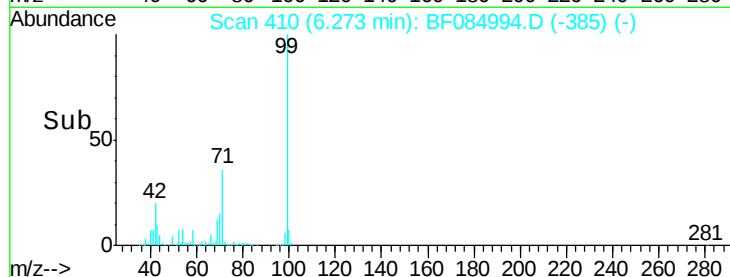
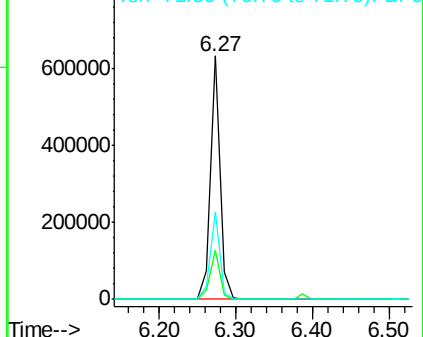
71 35.8 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF084994.D

Acq: 10 Feb 2016 15:48

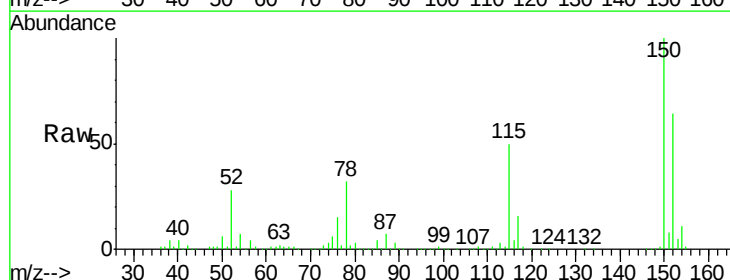
Tgt Ion: 79 Resp: 16646

Ion Ratio Lower Upper

79 100

108 26.8 69.0 103.4#

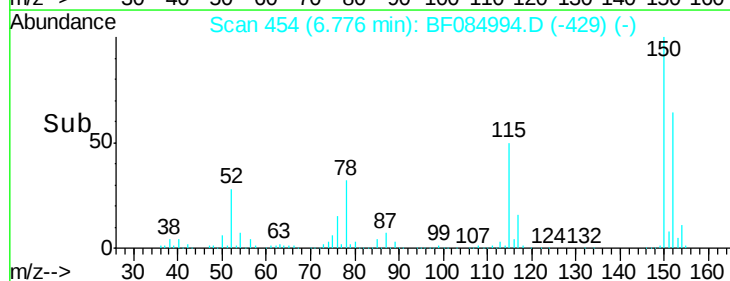
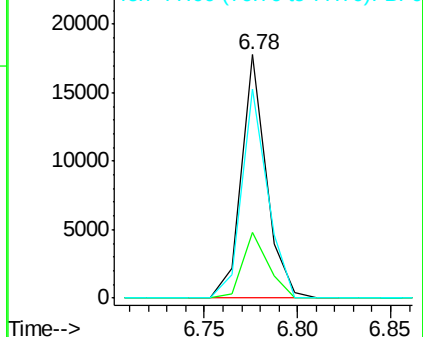
77 85.8 50.0 75.0#

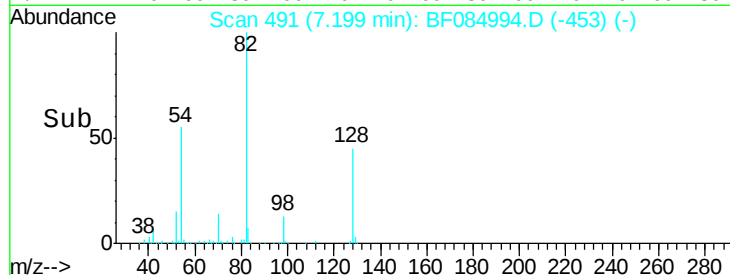
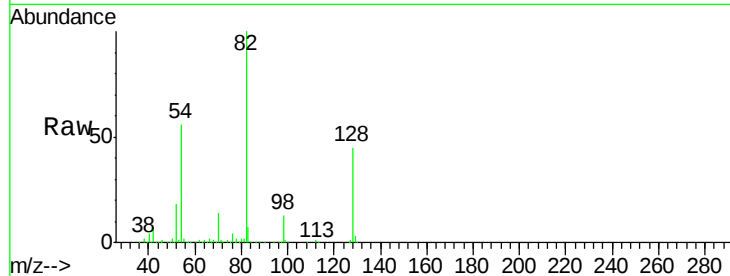


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

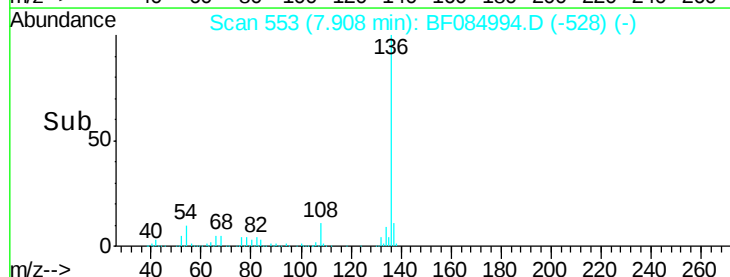
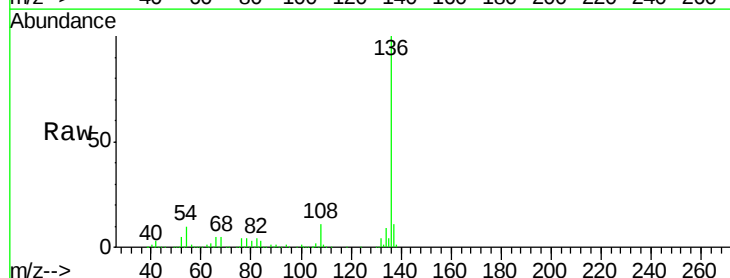
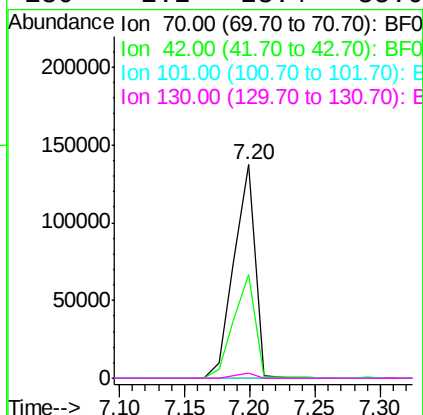




#19
n-Nitroso-di-n-propylamine
Concen: 21.44 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.14 min
Lab File: BF084994.D
Acq: 10 Feb 2016 15:48

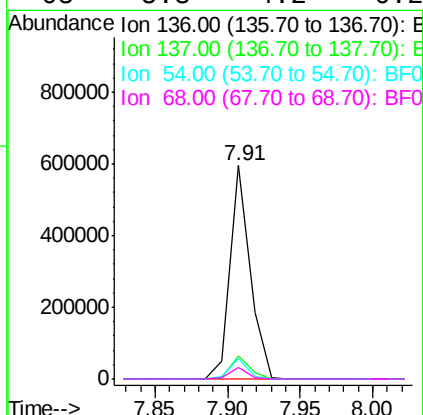
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-5W-(0-2)RE

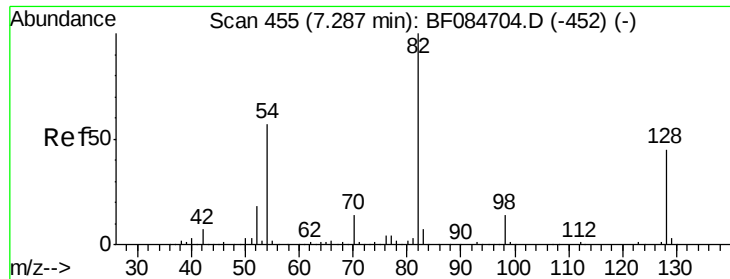
Tgt Ion:	70	Resp:	154127
Ion	Ratio	Lower	Upper
70	100		
42	48.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 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

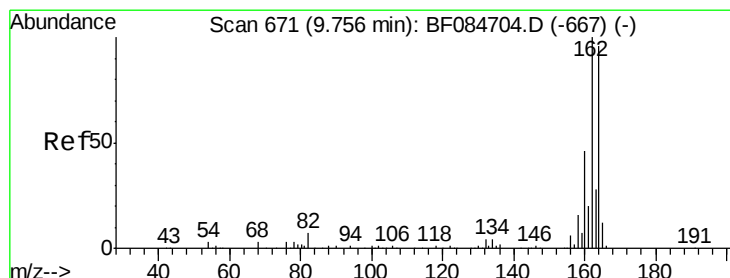
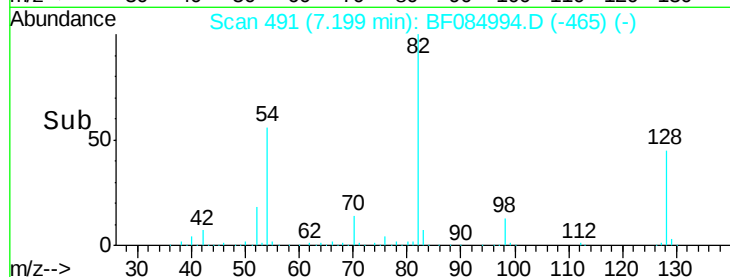
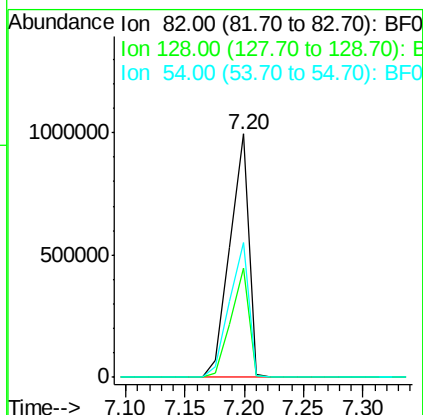
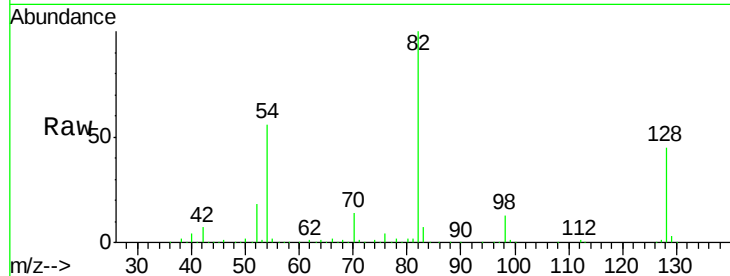




#23
 Nitrobenzene-d5
 Concen: 108.66 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF084994.D
 Acq: 10 Feb 2016 15:48

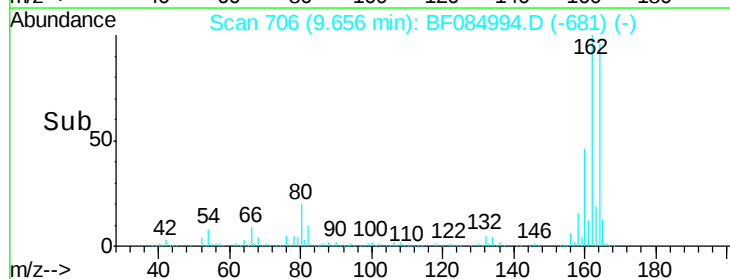
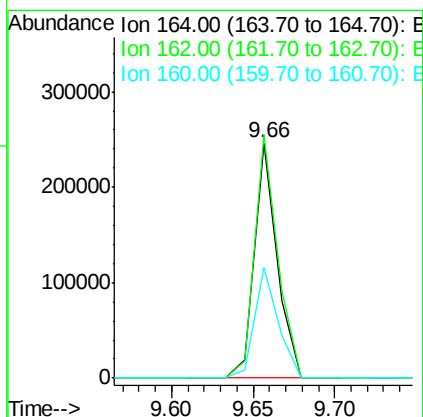
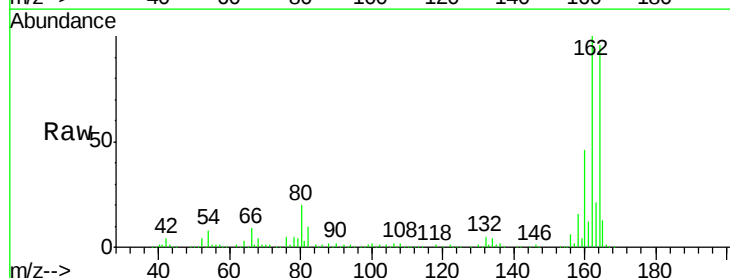
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-5W-(0-2)RE

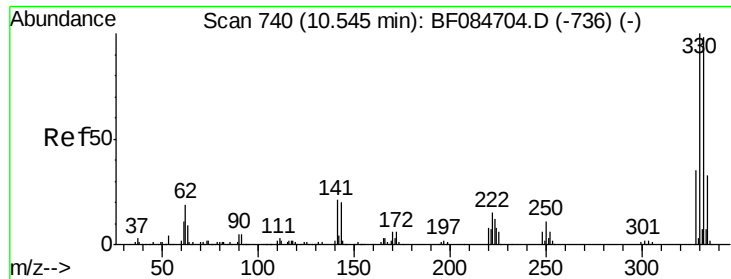
Tgt Ion: 82 Resp: 1105135
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 51.8
 54 55.6 38.4 57.6



#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

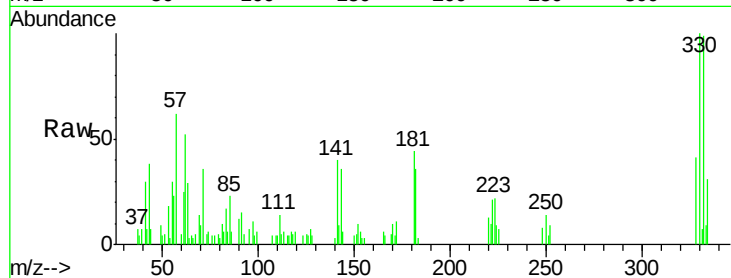




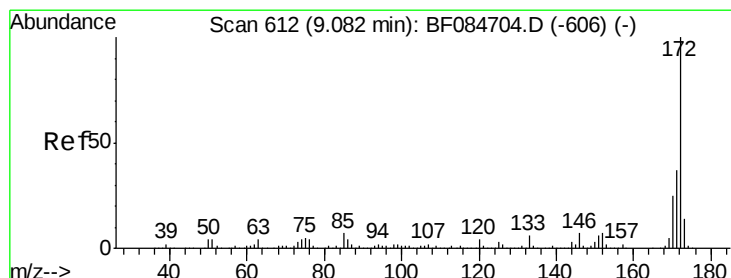
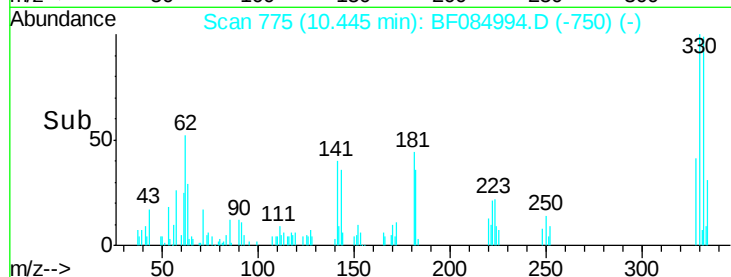
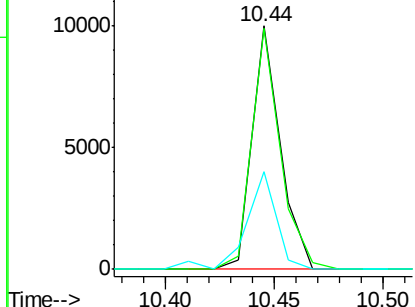
#41
 2,4,6-Tribromophenol
 Concen: 3.62 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF084994.D
 Acq: 10 Feb 2016 15:48

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#

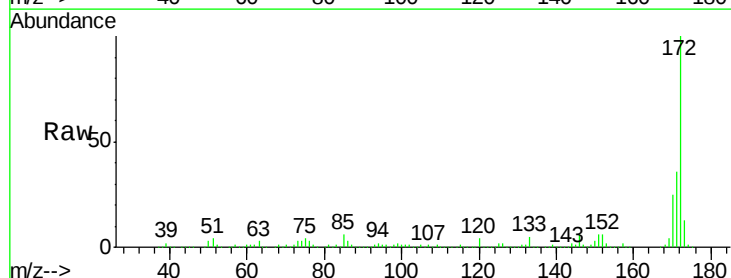


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

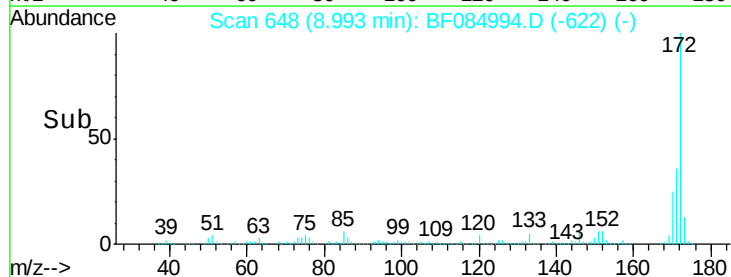
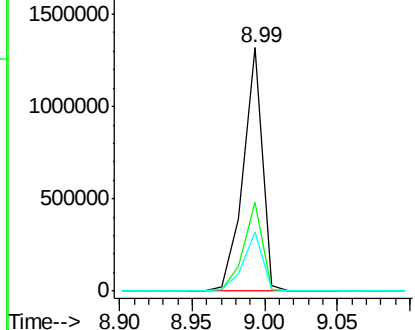


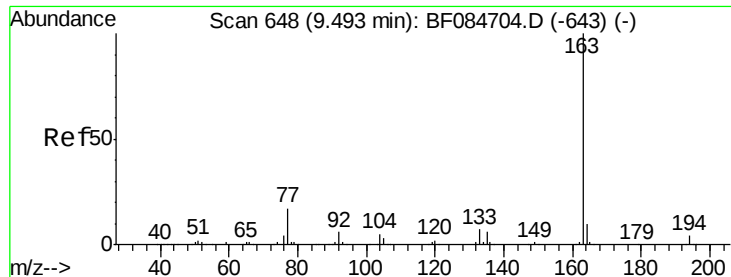
#44
 2-Fluorobiphenyl
 Concen: 86.64 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF084994.D
 Acq: 10 Feb 2016 15:48

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

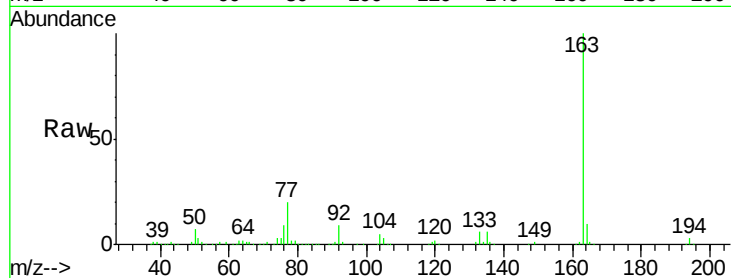
Tgt Ion:163 Resp: 418347

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

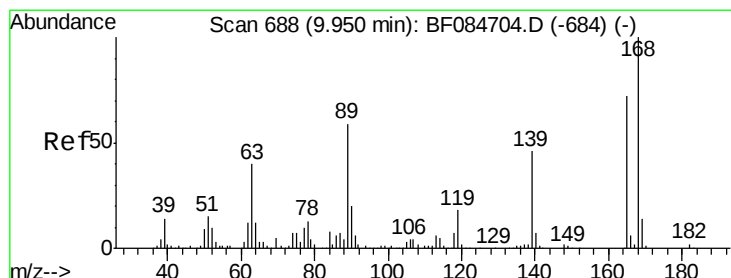
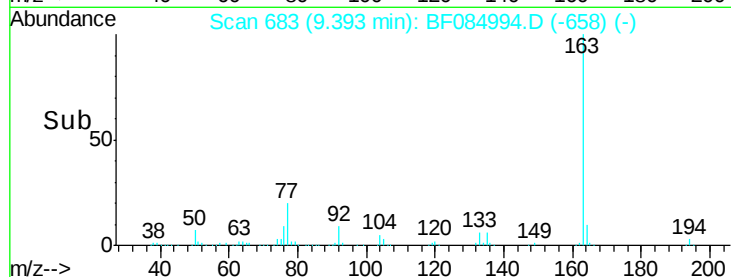
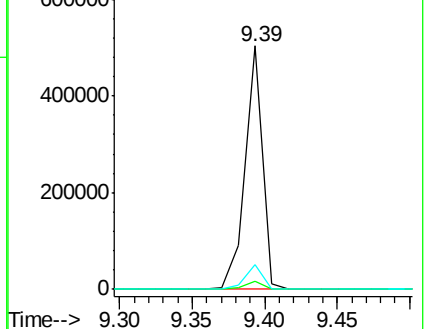
164 10.2 8.0 12.0



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



#56

2,4-Dinitrotoluene

Concen: 6.12 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.22 min

Lab File: BF084994.D

Acq: 10 Feb 2016 15:48

Tgt Ion:165 Resp: 30840

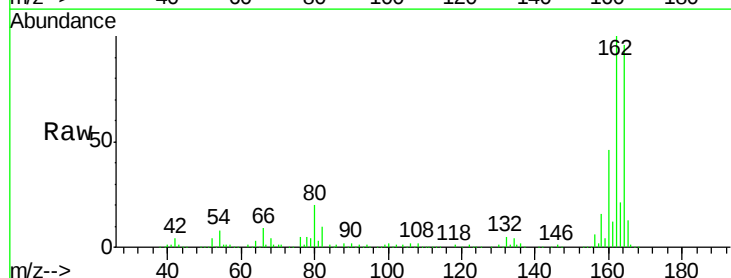
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 1.8 61.9 92.9#

182 0.0 2.0 3.0#

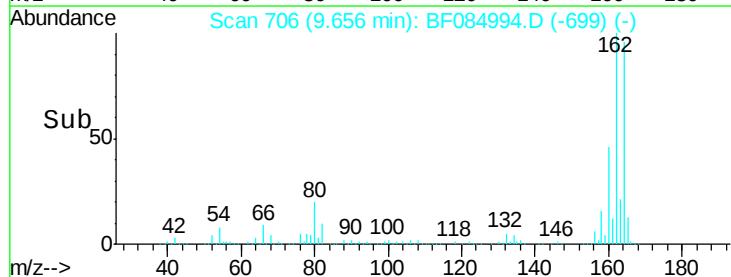
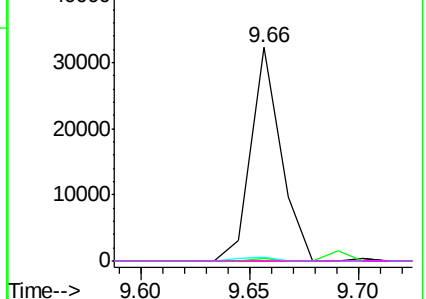


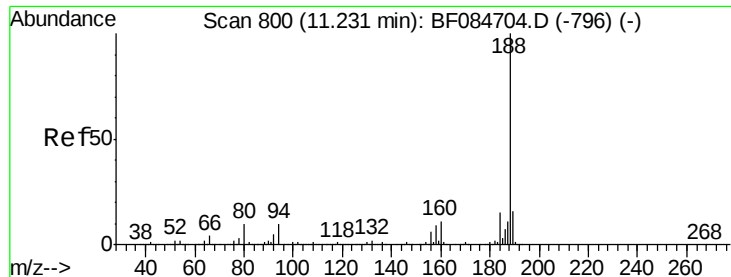
Abundance Ion 165.00 (164.70 to 165.70): E

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

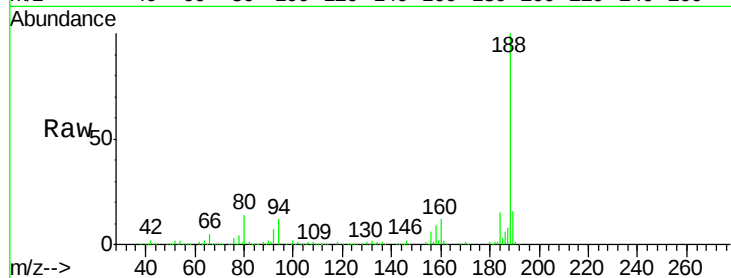




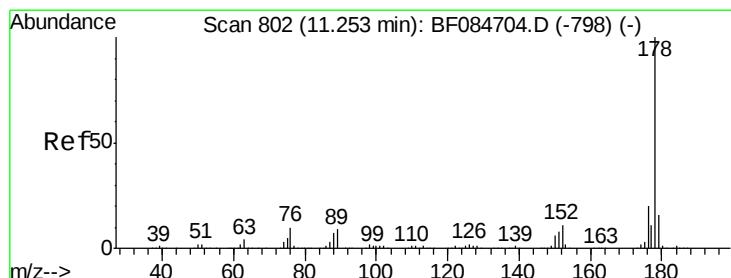
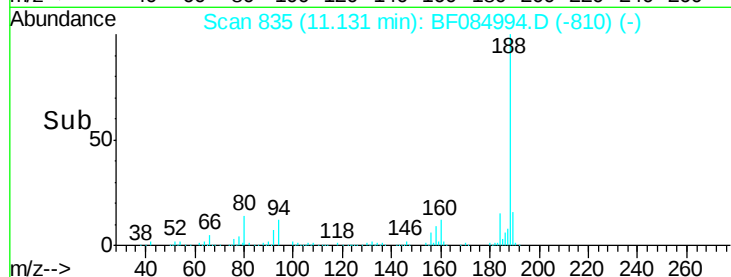
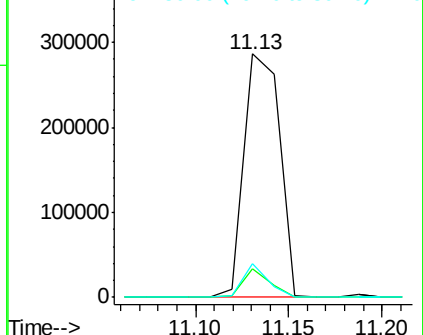
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF084994.D
Acq: 10 Feb 2016 15:48

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

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

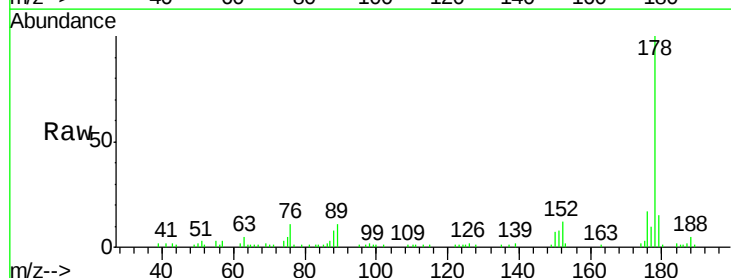


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

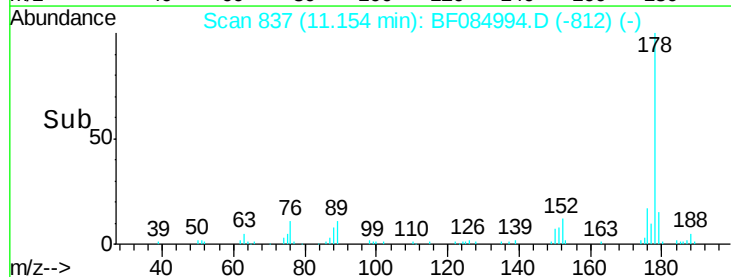
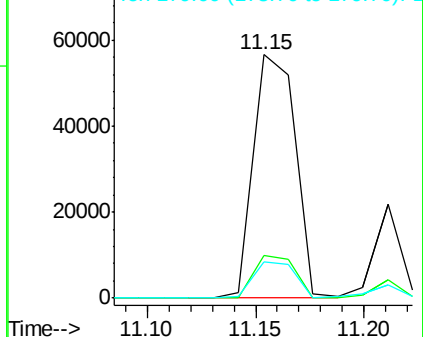


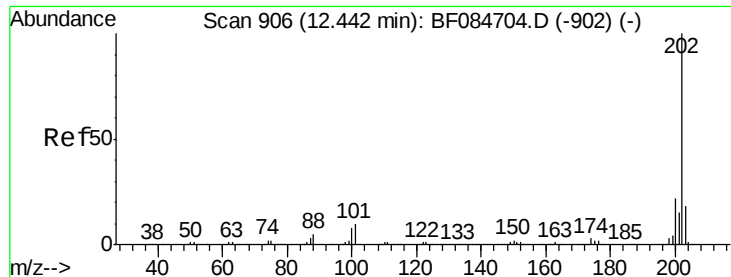
#70
Phenanthrene
Concen: 3.56 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF084994.D
Acq: 10 Feb 2016 15:48

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

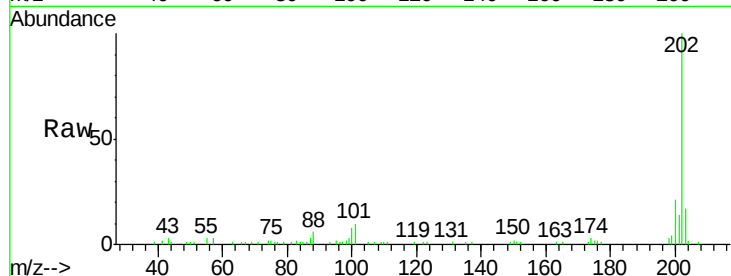




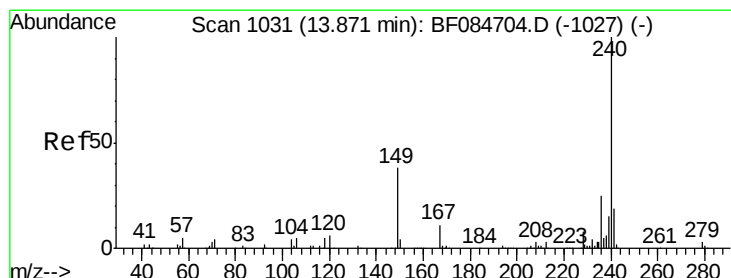
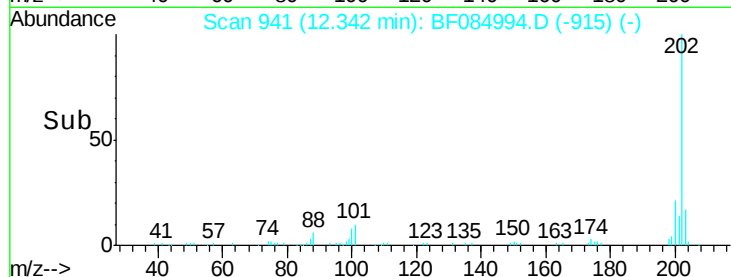
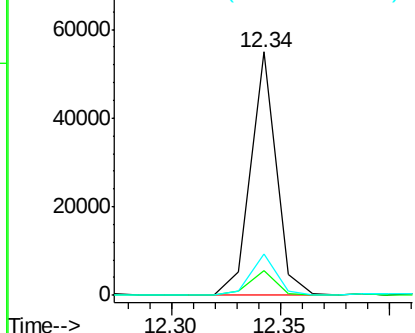
#74
 Fluoranthene
 Concen: 2.06 ng
 RT: 12.34 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF084994.D
 Acq: 10 Feb 2016 15:48

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

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

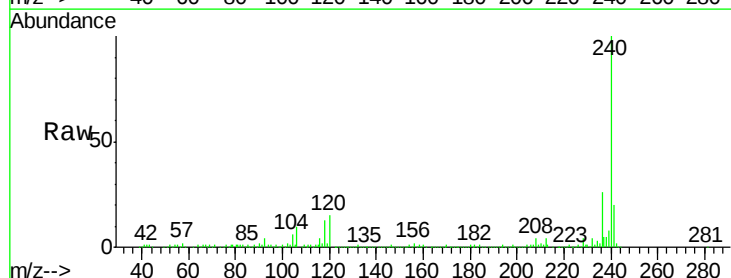


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

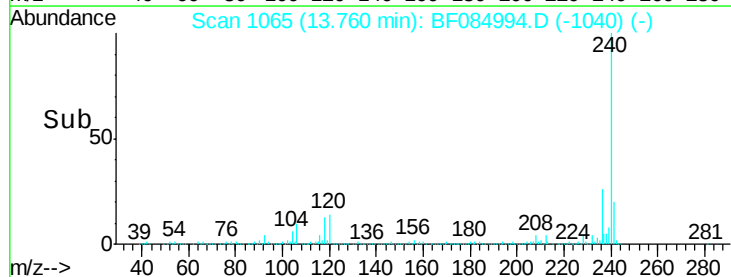
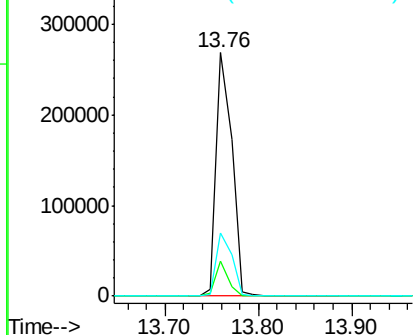


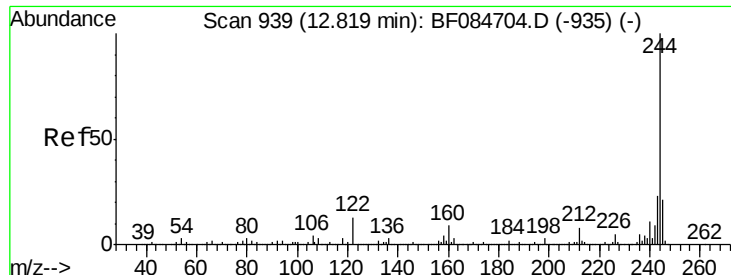
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF084994.D
 Acq: 10 Feb 2016 15:48

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

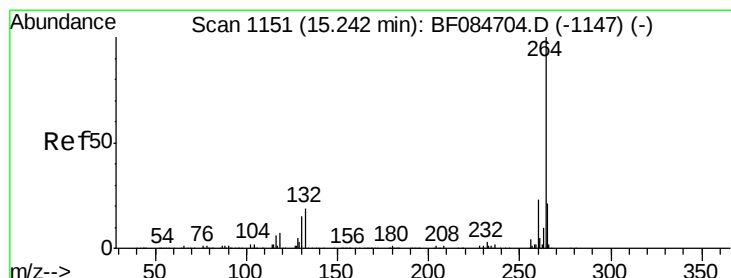
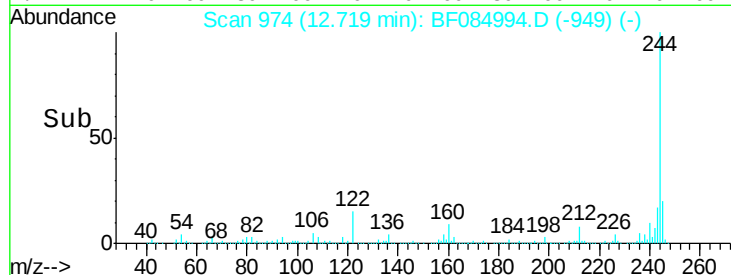
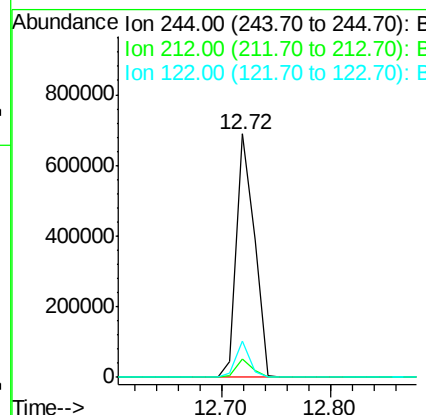
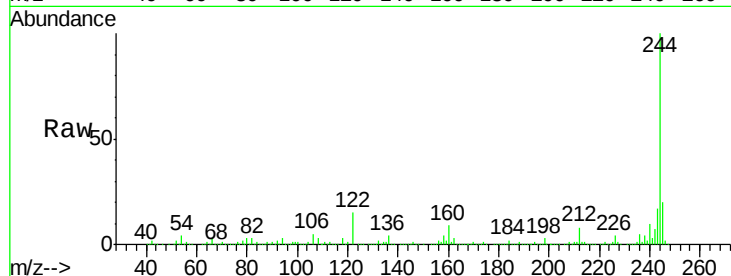




#78
 Terphenyl-d14
 Concen: 55.80 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF084994.D
 Acq: 10 Feb 2016 15:48

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

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#



#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

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

