

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
 Data File : BF092057.D
 Acq On : 30 Dec 2016 20:40
 Operator : UM/SJ
 Sample : H6318-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Dec 30 22:00:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

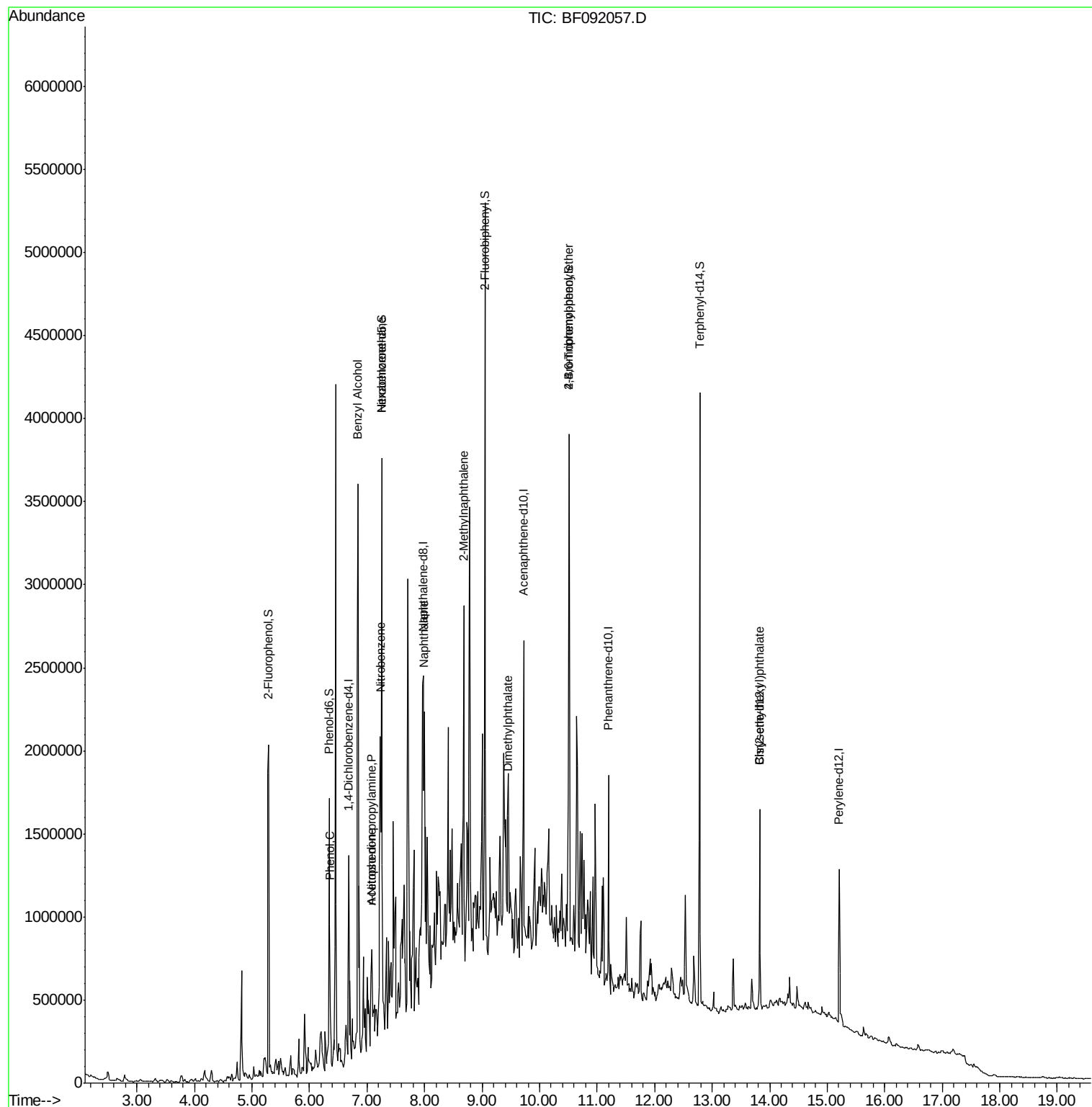
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	177386	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	741305	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	395126	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	477159	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	383082	20.00	ng	-0.05
86) Perylene-d12	15.21	264	417847	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	847467	79.77	ng	-0.03
7) Phenol-d6	6.34	99	590086	45.49	ng	-0.05
23) Nitrobenzene-d5	7.25	82	979039	73.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	381262	116.60	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	1570196	80.78	ng	-0.03
78) Terphenyl-d14	12.79	244	1173822	74.31	ng	-0.03
Target Compounds						Qvalue
10) Phenol	6.35	94	46331	3.13	ng	# 77
15) Benzyl Alcohol	6.84	79	24796	2.46	ng	# 34
18) Hexachloroethane	7.25	117	454547	93.37	ng	# 2
19) n-Nitroso-di-n-propylamine	7.08	70	30447	3.53	ng	# 87
22) Acetophenone	7.08	105	55383	3.03	ng	# 46
24) Nitrobenzene	7.23	77	79726	5.61	ng	# 26
31) Naphthalene	8.00	128	770118	22.70	ng	97
37) 2-Methylnaphthalene	8.68	142	589089	24.51	ng	99
49) Dimethylphthalate	9.45	163	143143	5.66	ng	# 95
66) 4-Bromophenyl-phenylether	10.51	248	24393	4.91	ng	# 1
71) Anthracene	11.28	178	1719	Below Cal		# 1
73) Di-n-butylphthalate	11.78	149	8555	Below Cal		# 70
74) Fluoranthene	12.41	202	3041	Below Cal		# 21
76) Benzidine	12.57	184	780	Below Cal		# 1
83) Bis(2-ethylhexyl)phthalate	13.83	149	48390	3.21	ng	97

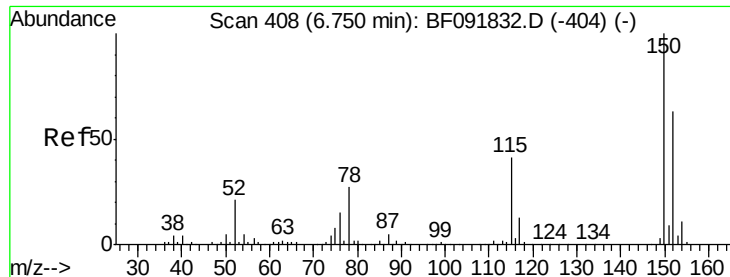
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

Instrument :

BNA_F

ClientSampleId :

MW-08

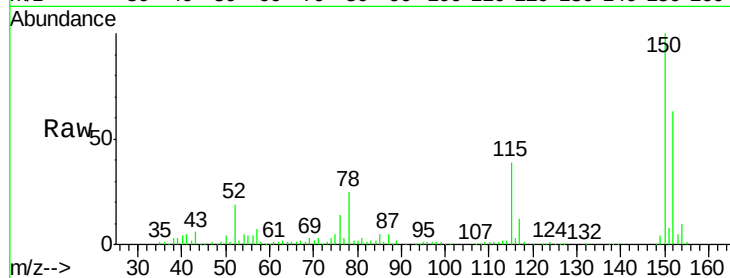
Tgt Ion:152 Resp: 177386

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

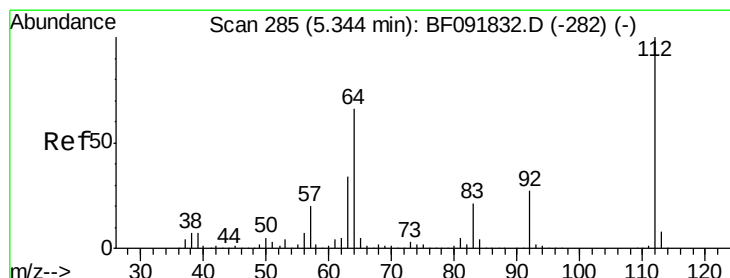
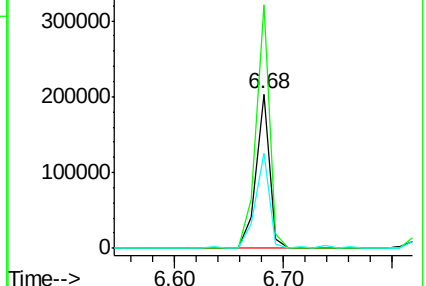
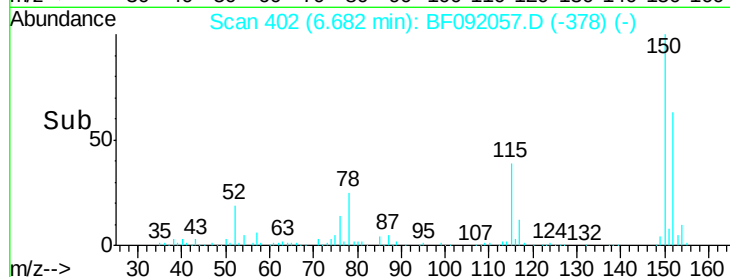
115 61.2 46.0 69.0



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: 79.77 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

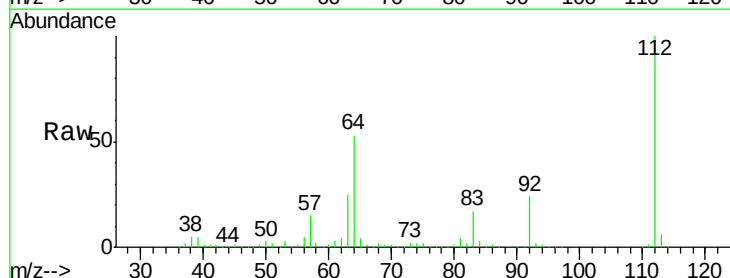
Tgt Ion:112 Resp: 847467

Ion Ratio Lower Upper

112 100

64 52.6 46.1 69.1

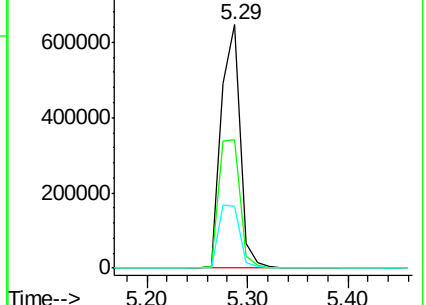
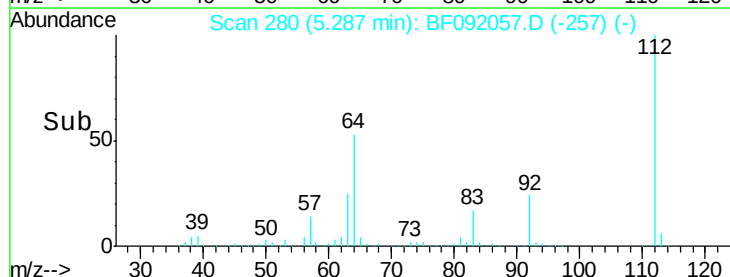
63 25.4 23.8 35.6

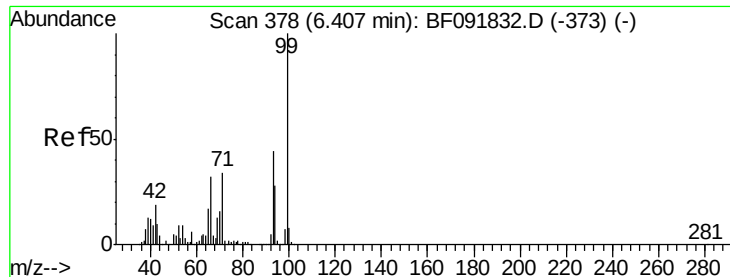


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.49 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

Instrument :

BNA_F

ClientSampleId :

MW-08

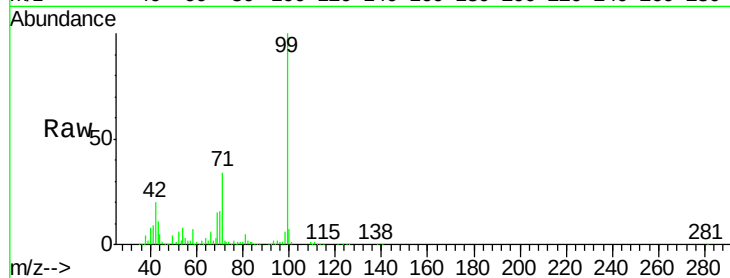
Tgt Ion: 99 Resp: 590086

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

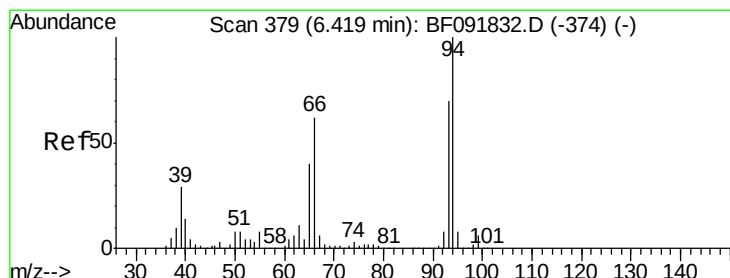
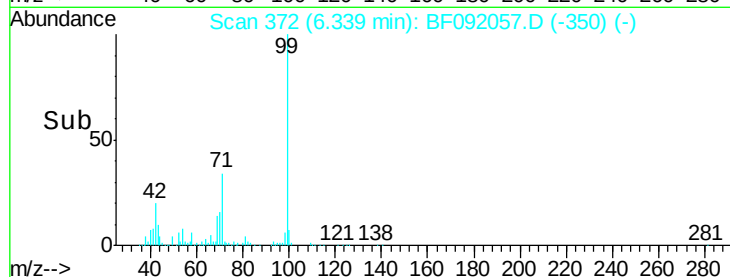
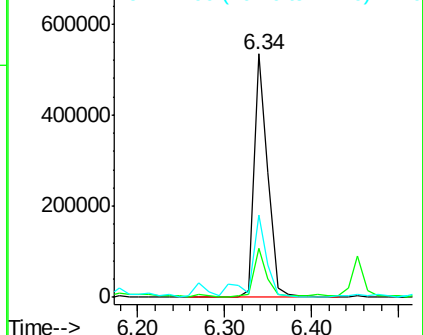
71 34.0 27.5 41.3



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



#10

Phenol

Concen: 3.13 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.05 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

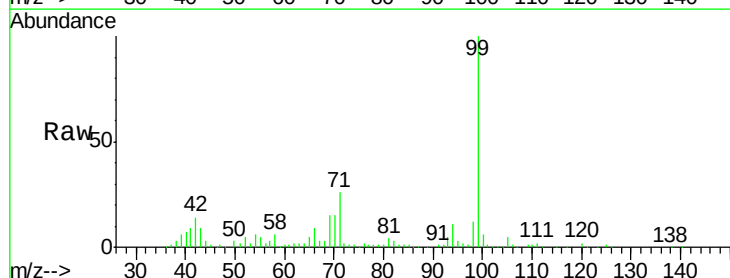
Tgt Ion: 94 Resp: 46331

Ion Ratio Lower Upper

94 100

65 49.4 21.4 61.4

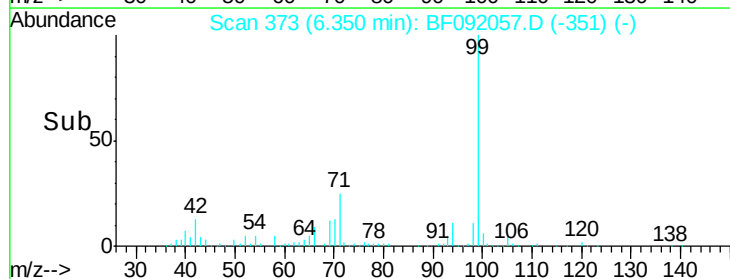
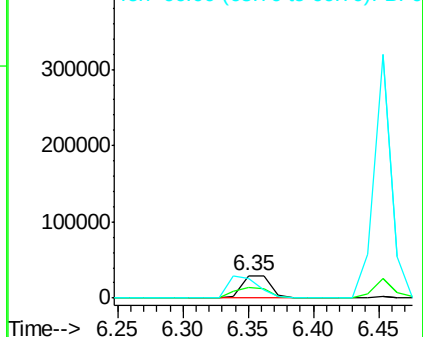
66 87.2 44.0 84.0#

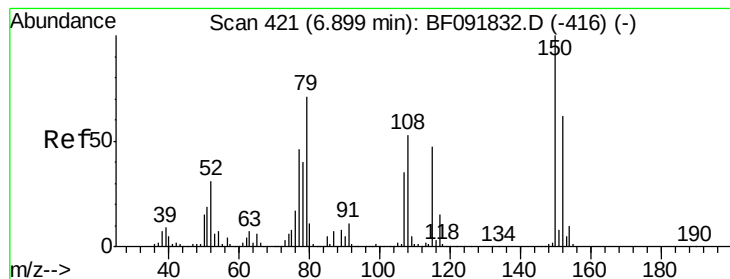


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.46 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

Instrument :

BNA_F

ClientSampleId :

MW-08

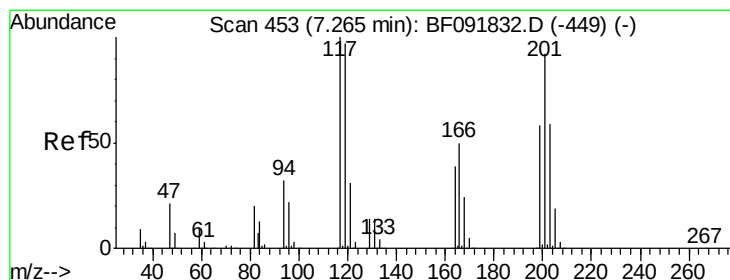
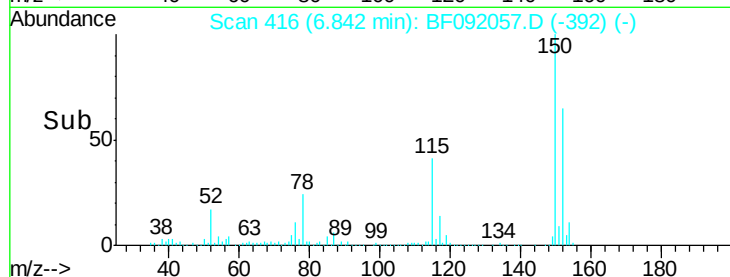
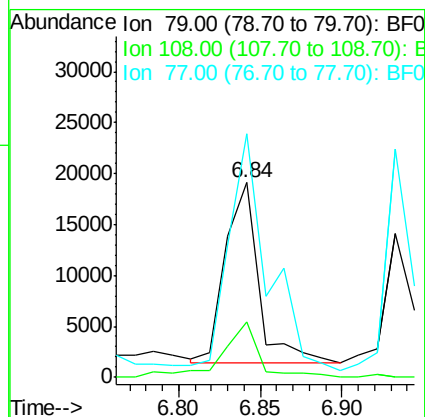
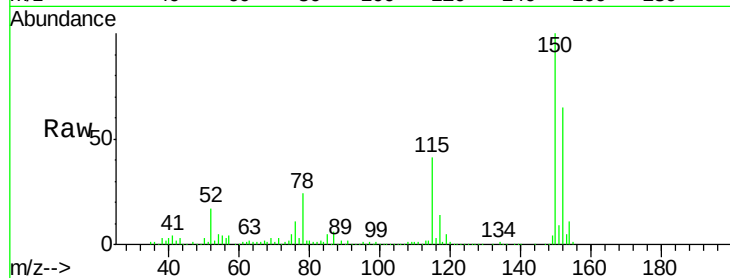
Tgt Ion: 79 Resp: 24796

Ion Ratio Lower Upper

79 100

108 28.2 61.4 92.0#

77 124.9 50.9 76.3#



#18

Hexachloroethane

Concen: 93.37 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.03 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

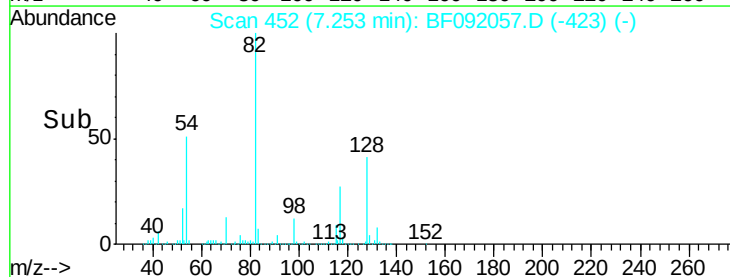
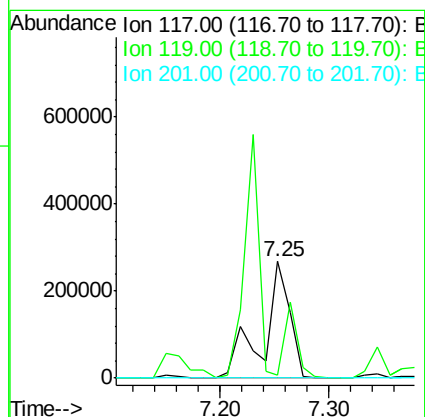
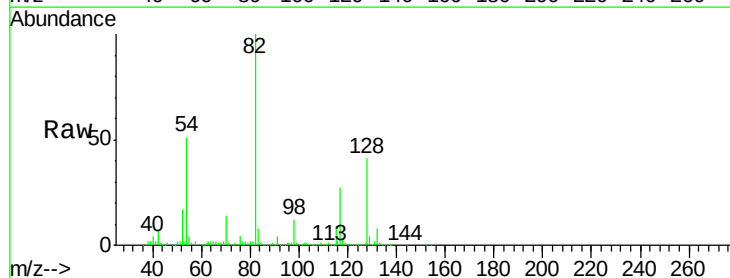
Tgt Ion: 117 Resp: 454547

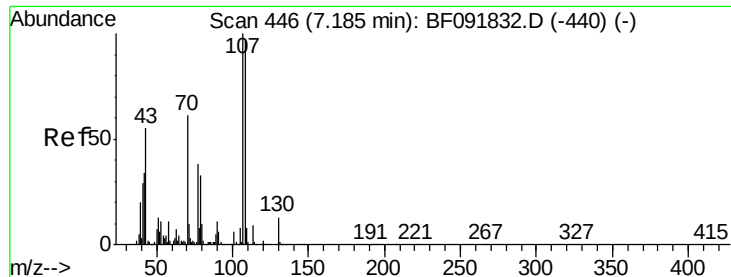
Ion Ratio Lower Upper

117 100

119 2.3 78.1 117.1#

201 0.0 78.6 117.8#

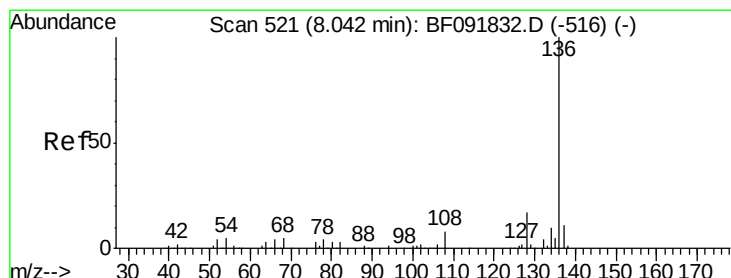
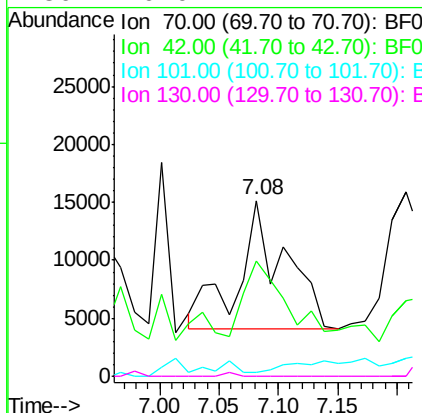
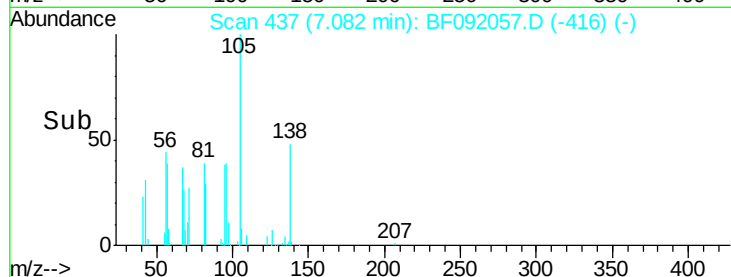
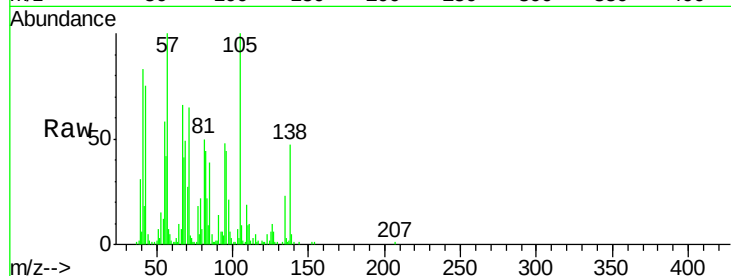




#19
n-Nitroso-di-n-propylamine
Concen: 3.53 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.06 min
Lab File: BF092057.D
Acq: 30 Dec 2016 20:40

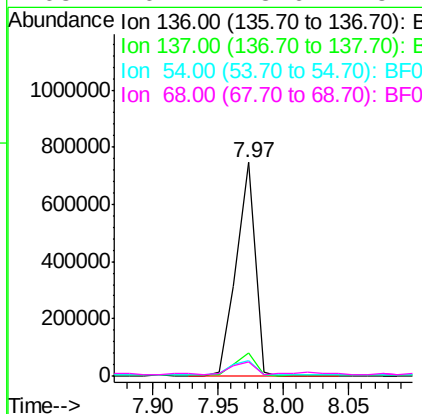
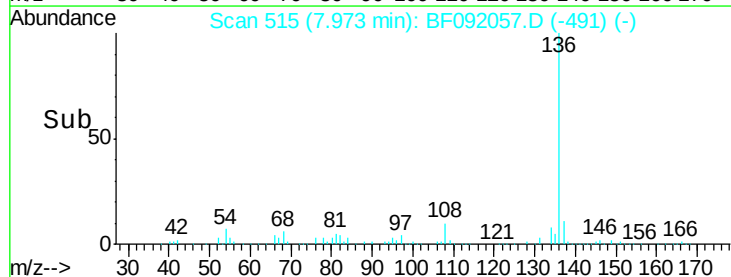
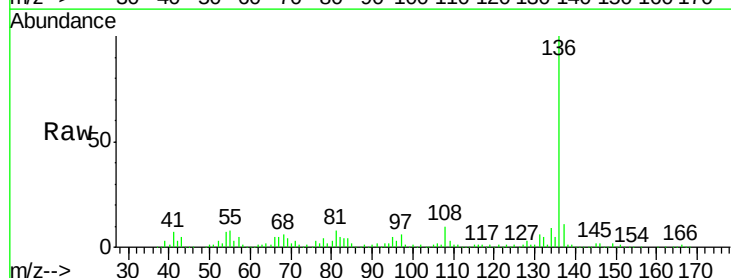
Instrument :
BNA_F
ClientSampleId :
MW-08

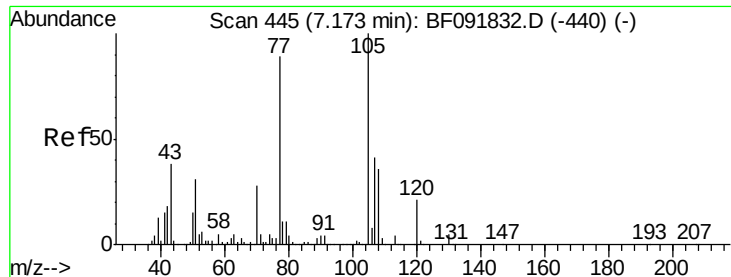
Tgt Ion: 70 Resp: 30447
Ion Ratio Lower Upper
70 100
42 65.3 49.4 74.0
101 2.5 7.4 11.2#
130 0.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF092057.D
Acq: 30 Dec 2016 20:40

Tgt Ion: 136 Resp: 741305
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.4 4.5 6.7#
68 6.4 3.6 5.4#





#22

Acetophenone

Concen: 3.03 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.05 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

Instrument :

BNA_F

ClientSampleId :

MW-08

Tgt Ion:105 Resp: 55383

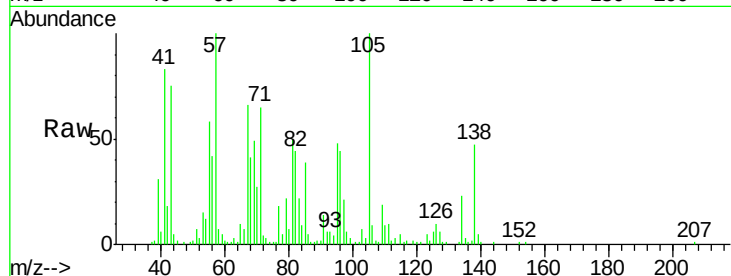
Ion Ratio Lower Upper

105 100

71 65.0 3.2 4.8#

51 7.5 26.2 39.4#

120 0.6 16.6 24.8#

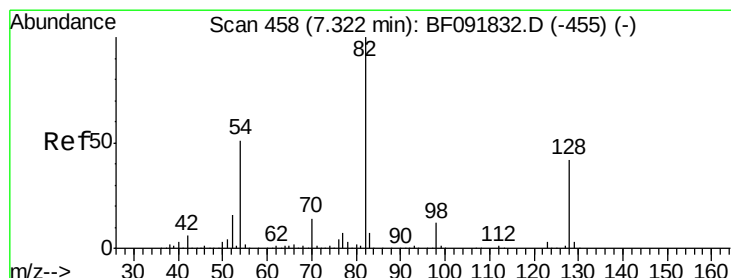
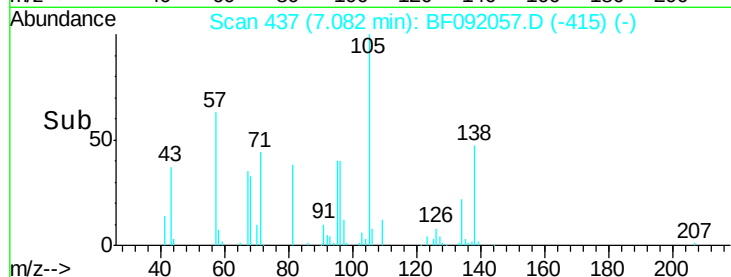
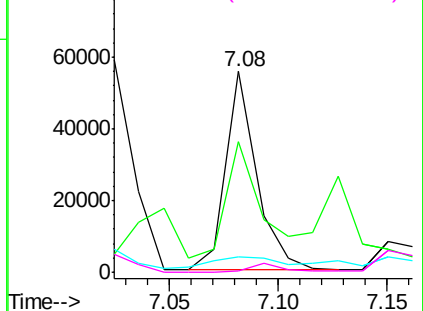


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 73.44 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.03 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

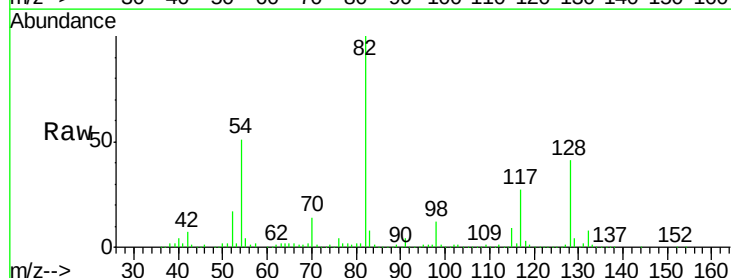
Tgt Ion: 82 Resp: 979039

Ion Ratio Lower Upper

82 100

128 41.1 34.6 52.0

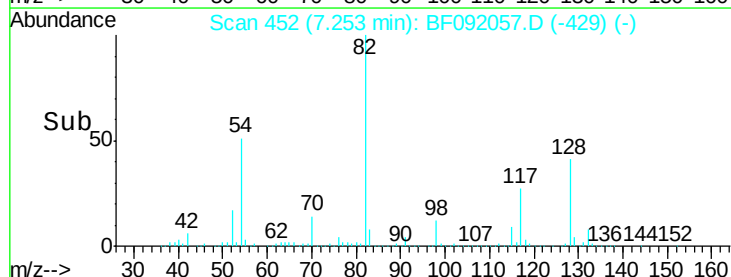
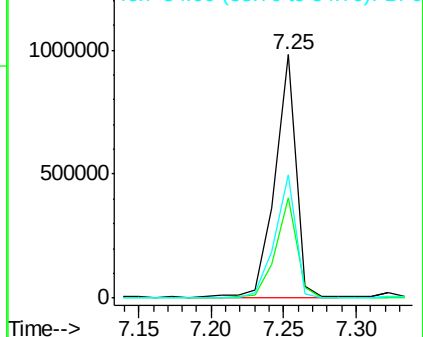
54 50.9 39.5 59.3

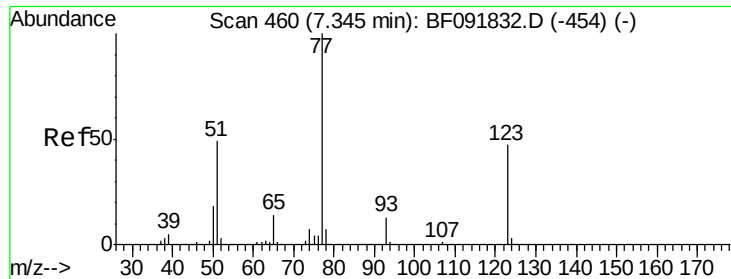


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 5.61 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.07 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

Instrument :

BNA_F

ClientSampleId :

MW-08

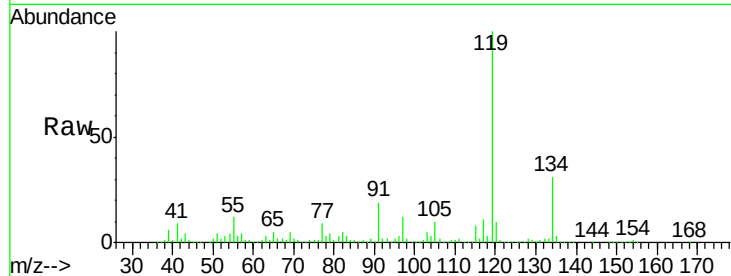
Tgt Ion: 77 Resp: 79726

Ion Ratio Lower Upper

77 100

123 3.4 33.0 49.4#

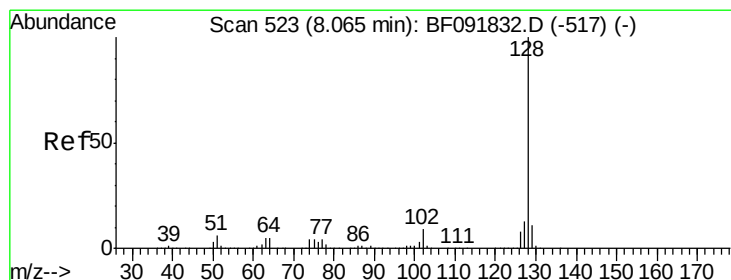
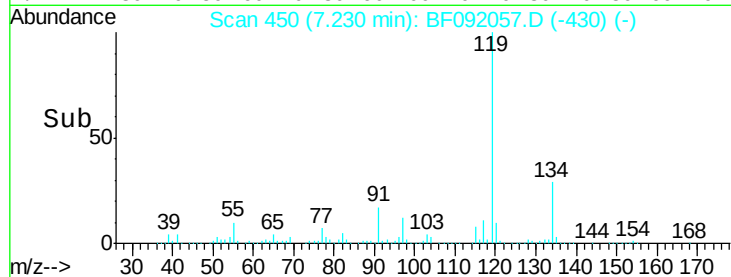
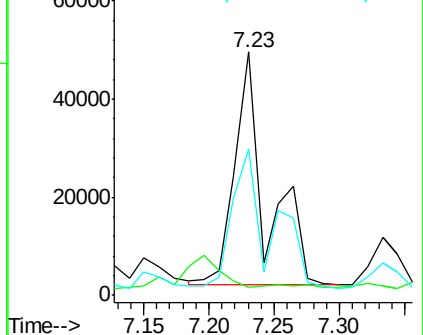
65 60.1 11.2 16.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#31

Naphthalene

Concen: 22.70 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

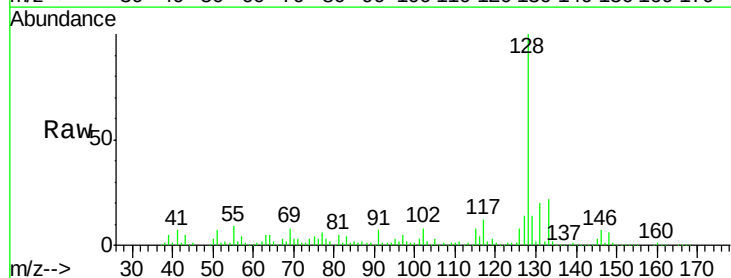
Tgt Ion: 128 Resp: 770118

Ion Ratio Lower Upper

128 100

129 13.7 9.5 14.3

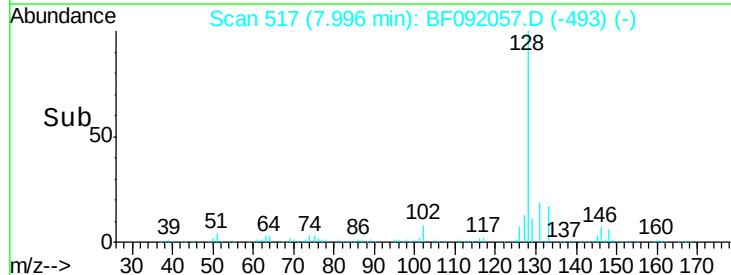
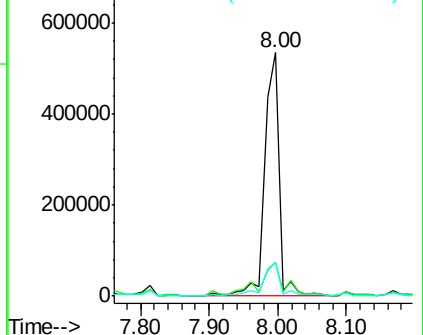
127 13.9 10.8 16.2

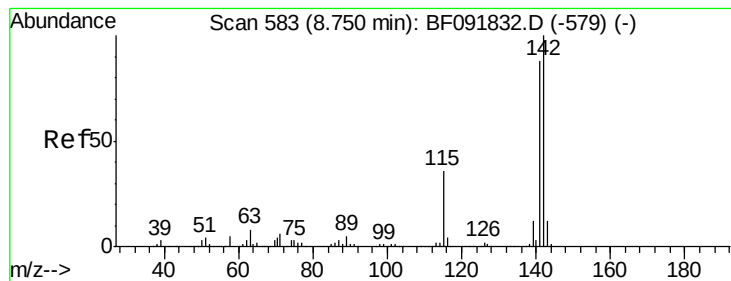


Abundance Ion 128.00 (127.70 to 128.70): BF0

Ion 129.00 (128.70 to 129.70): BF0

Ion 127.00 (126.70 to 127.70): BF0





#37

2-Methylnaphthalene

Concen: 24.51 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.03 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

Instrument :

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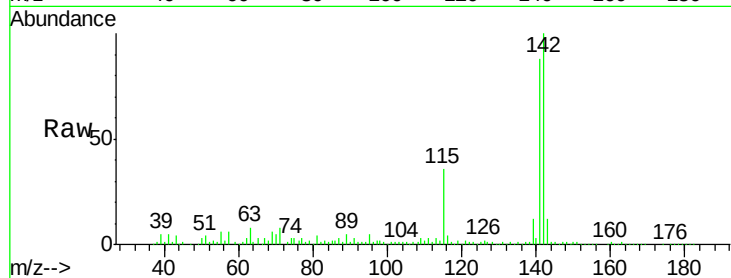
Tgt Ion:142 Resp: 589089

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

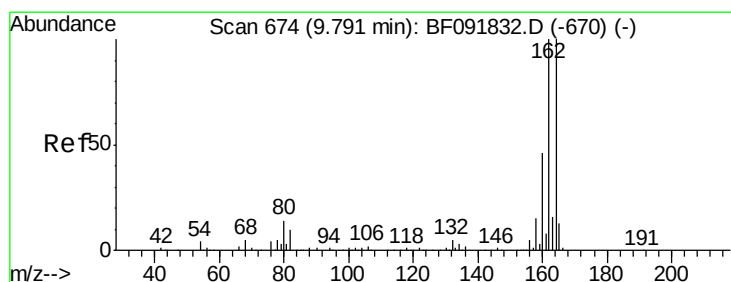
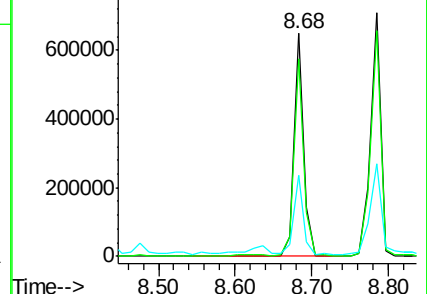
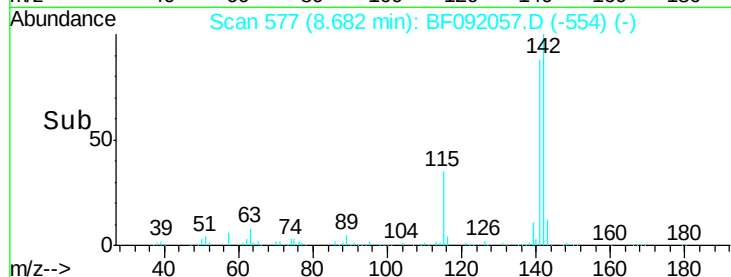
115 36.2 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

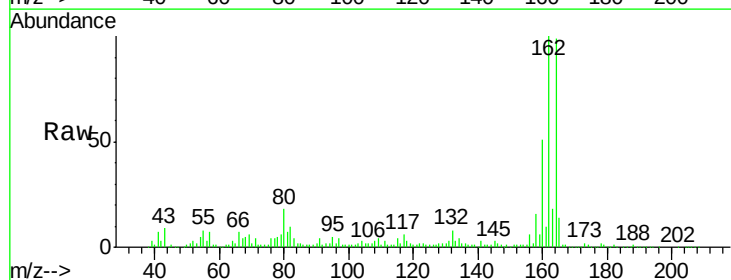
Tgt Ion:164 Resp: 395126

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

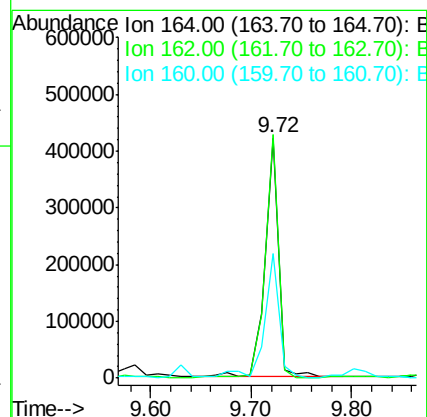
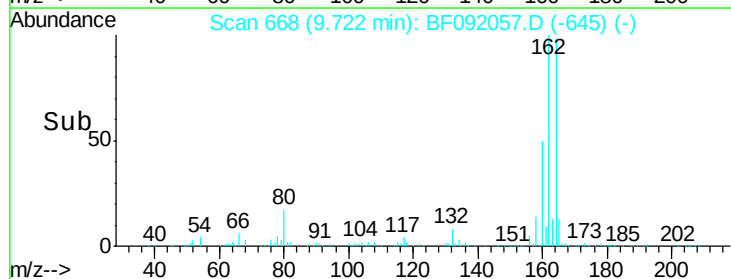
160 51.7 36.9 55.3

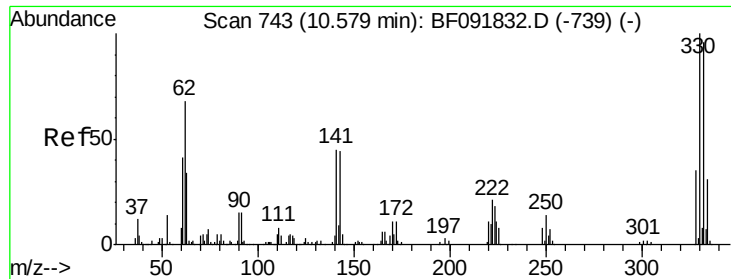


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

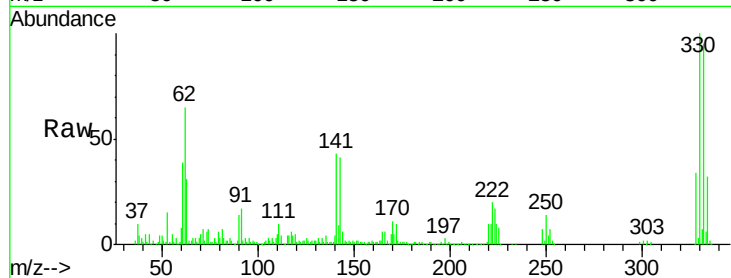




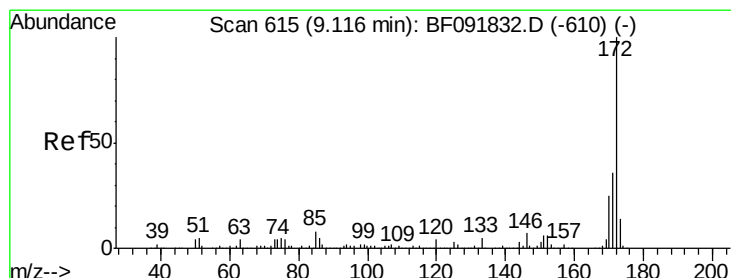
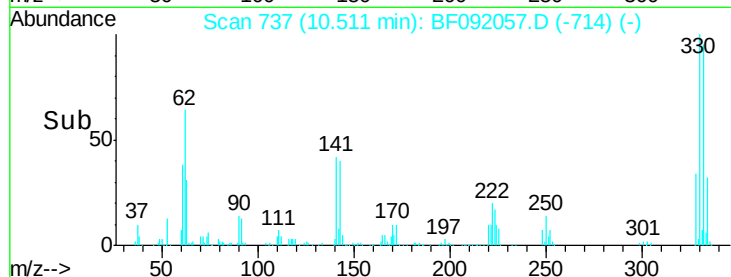
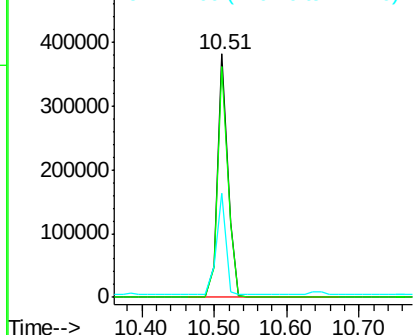
#41
 2,4,6-Tribromophenol
 Concen: 116.60 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092057.D
 Acq: 30 Dec 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tgt Ion:330 Resp: 381262
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 39.4 34.1 51.1

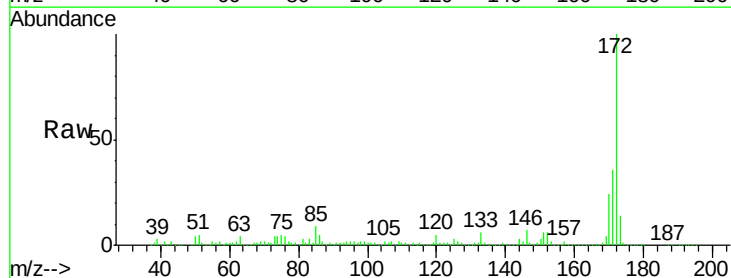


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

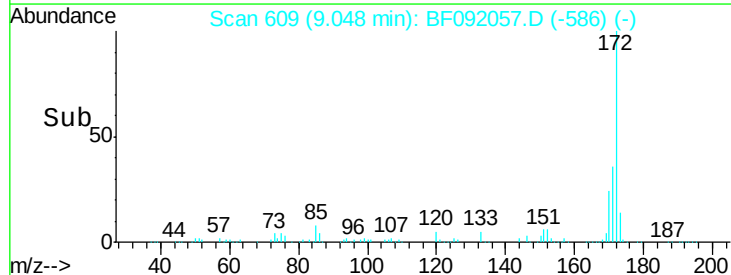
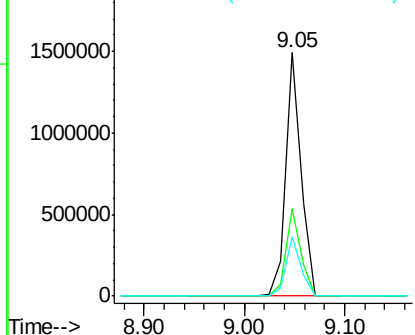


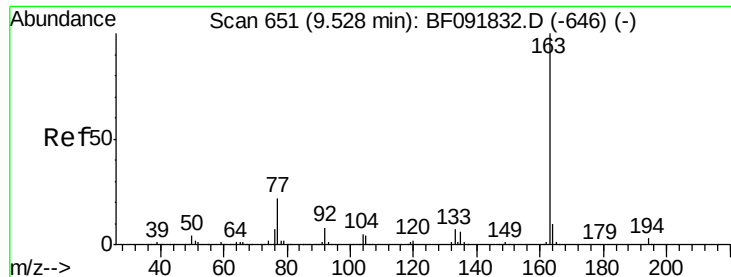
#44
 2-Fluorobiphenyl
 Concen: 80.78 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092057.D
 Acq: 30 Dec 2016 20:40

Tgt Ion:172 Resp: 1570196
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.4 20.2 30.4



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

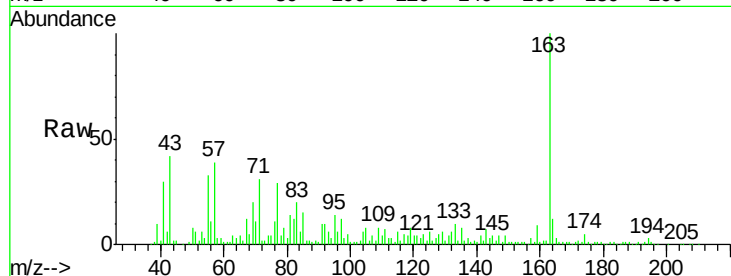




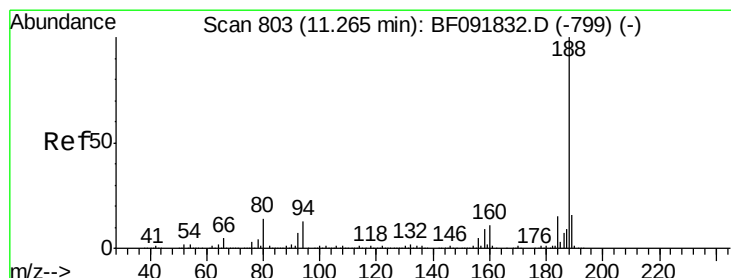
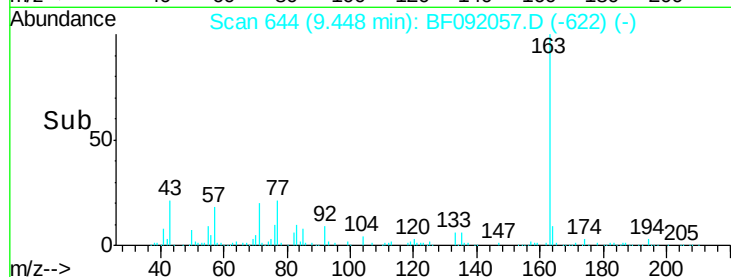
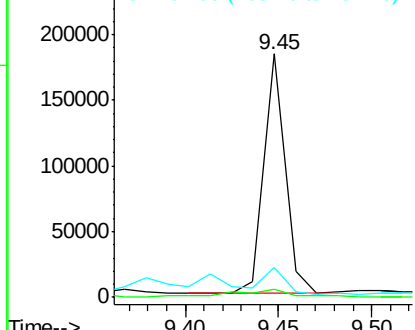
#49
Dimethylphthalate
Concen: 5.66 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF092057.D
Acq: 30 Dec 2016 20:40

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:163 Resp: 143143
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 12.5 8.0 12.0#

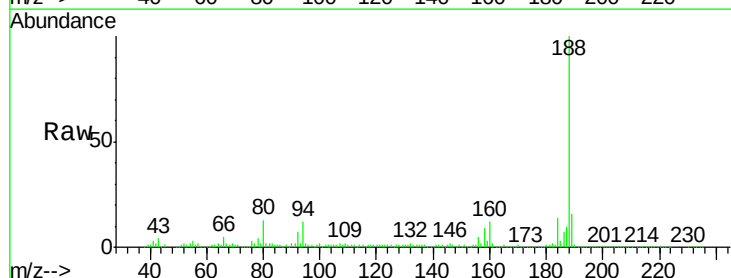


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

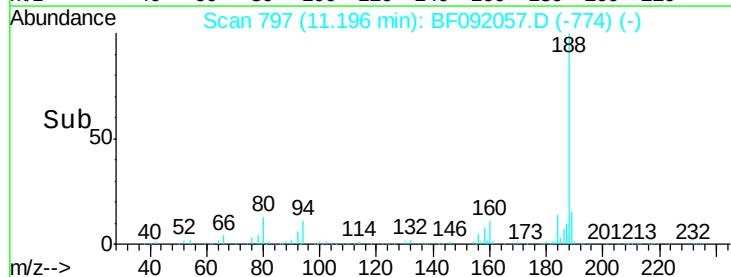
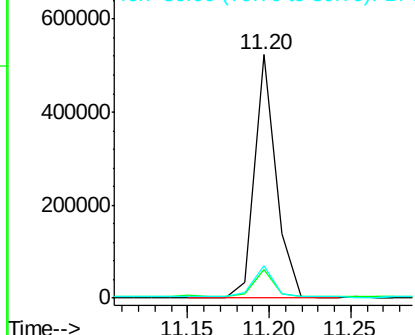


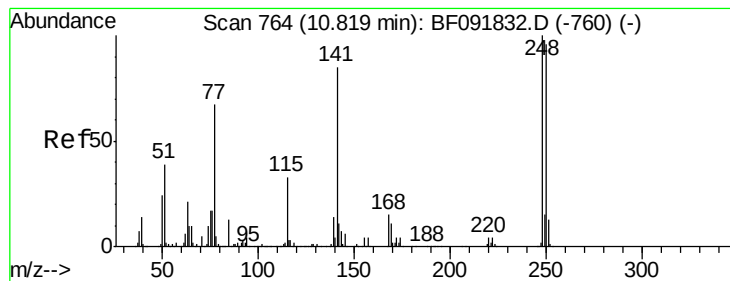
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092057.D
Acq: 30 Dec 2016 20:40

Tgt Ion:188 Resp: 477159
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 13.2 11.2 16.8



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





#66

4-Bromophenyl-phenylether

Concen: 4.91 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.27 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

Instrument :

BNA_F

ClientSampleId :

MW-08

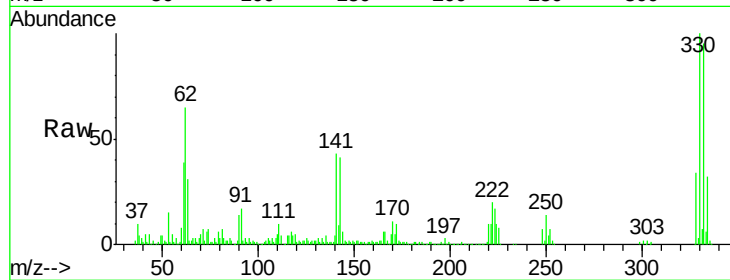
Tgt Ion:248 Resp: 24393

Ion Ratio Lower Upper

248 100

250 194.5 76.9 115.3#

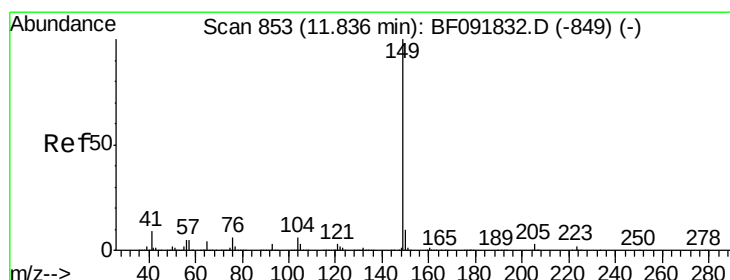
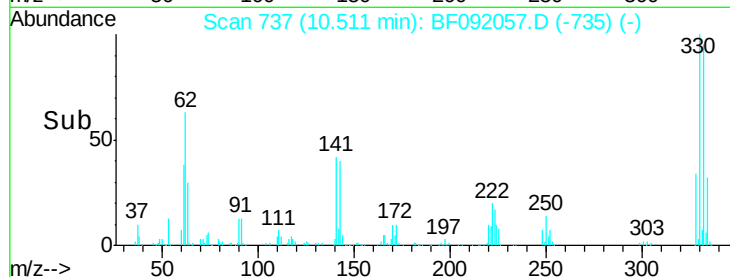
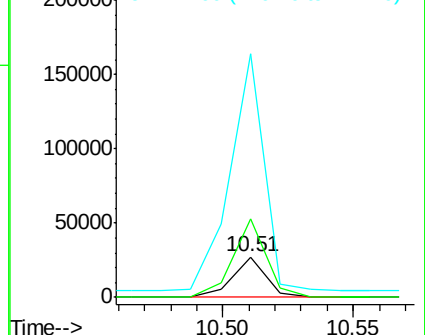
141 601.0 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.78 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

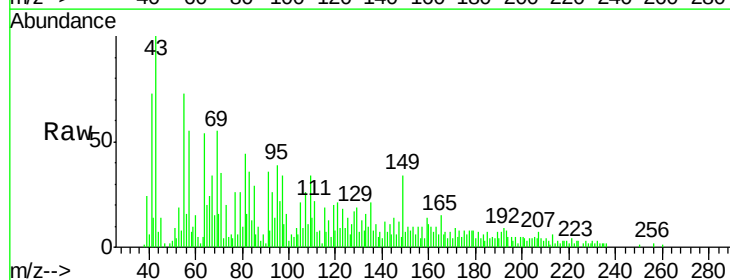
Tgt Ion:149 Resp: 8555

Ion Ratio Lower Upper

149 100

150 19.9 8.1 12.1#

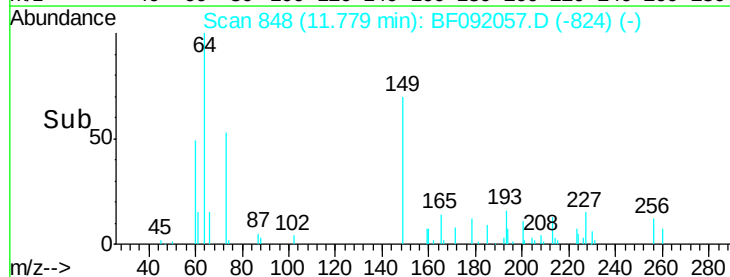
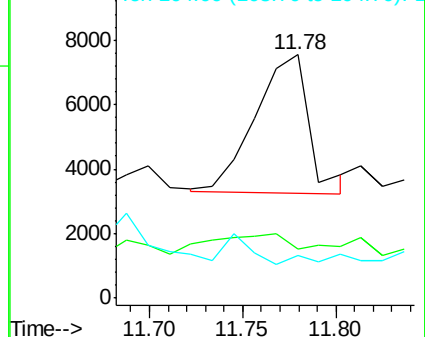
104 17.8 4.6 7.0#

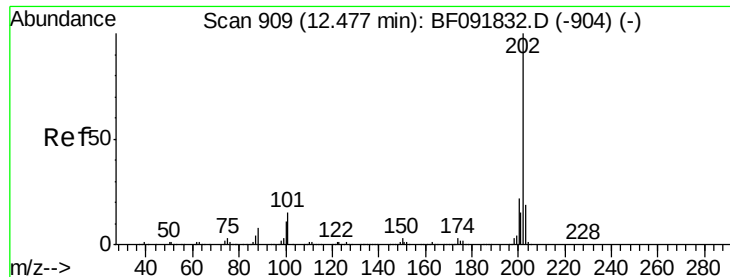


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.41 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

Instrument :

BNA_F

ClientSampleId :

MW-08

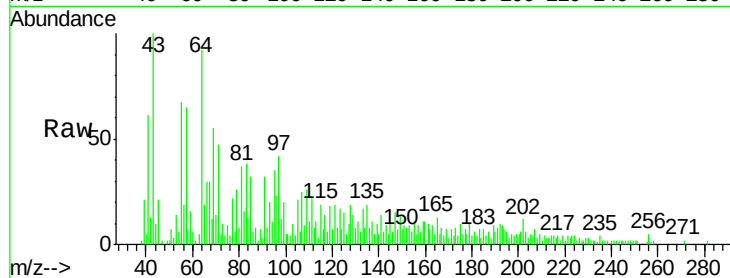
Tgt Ion:202 Resp: 3041

Ion Ratio Lower Upper

202 100

101 45.4 0.0 34.6#

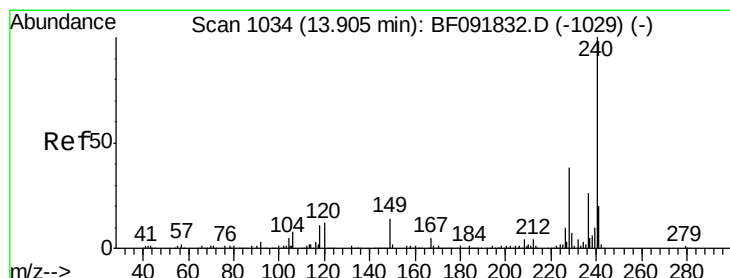
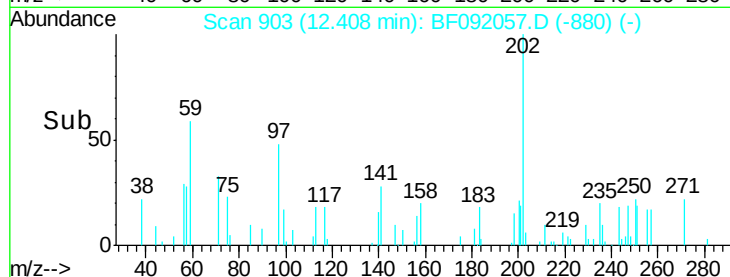
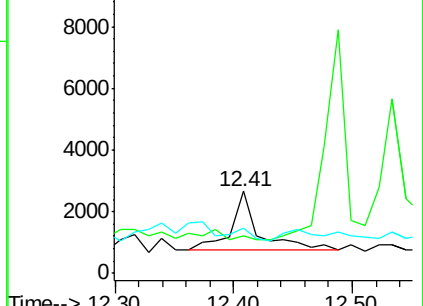
203 55.4 0.0 38.7#



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: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

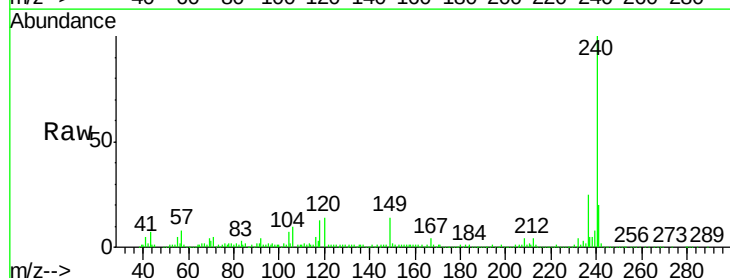
Tgt Ion:240 Resp: 383082

Ion Ratio Lower Upper

240 100

120 14.5 12.9 19.3

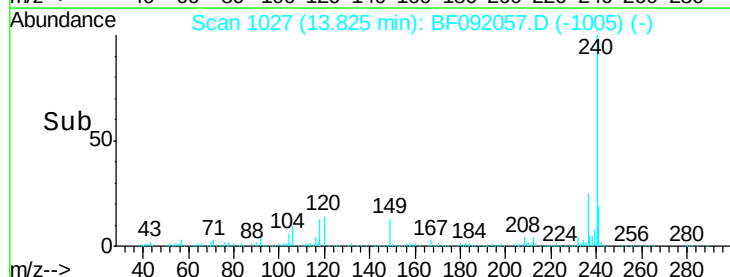
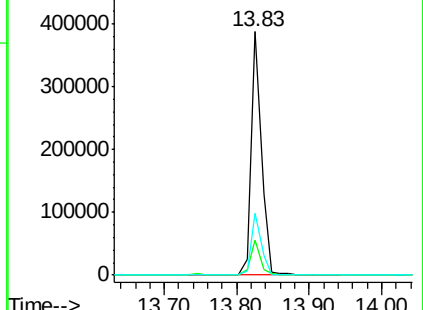
236 25.5 20.9 31.3

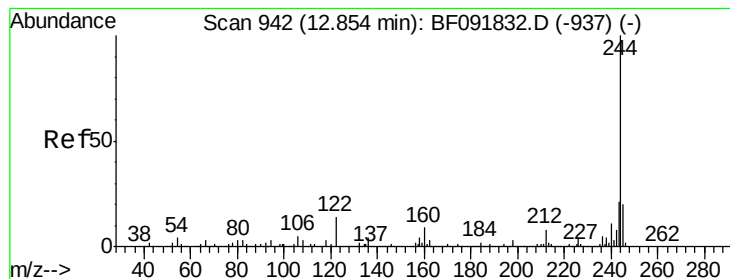


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.31 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

Instrument :

BNA_F

ClientSampleId :

MW-08

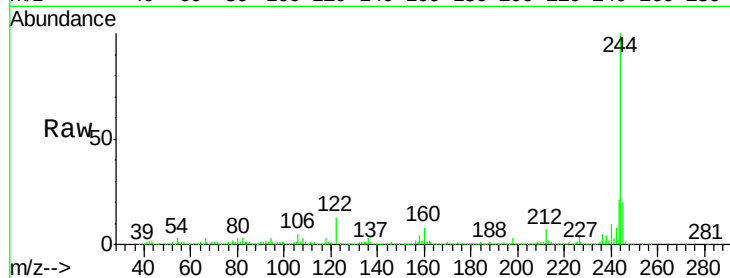
Tgt Ion:244 Resp: 1173822

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

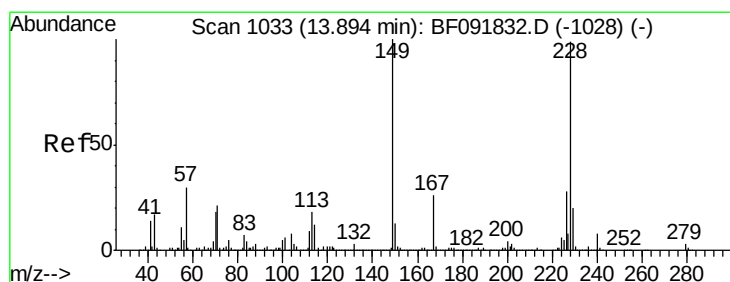
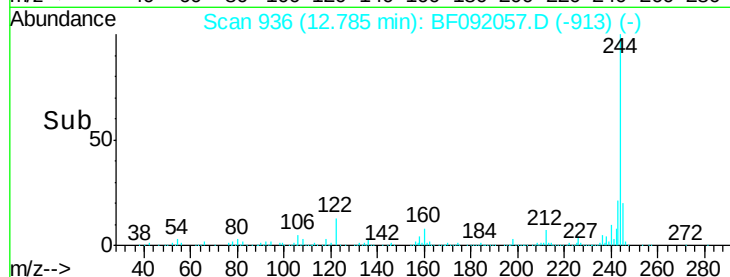
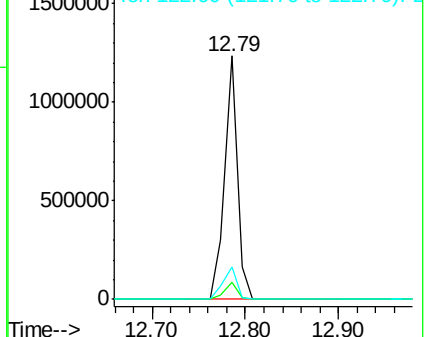
122 13.2 11.4 17.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.21 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BF092057.D

Acq: 30 Dec 2016 20:40

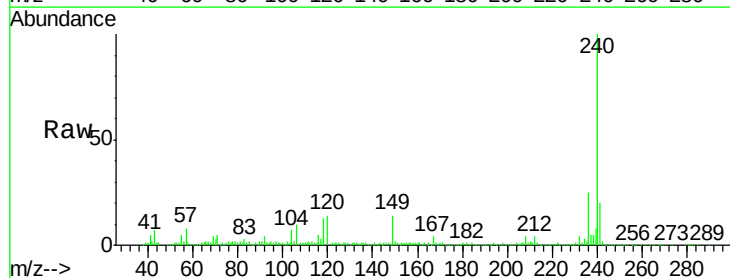
Tgt Ion:149 Resp: 48390

Ion Ratio Lower Upper

149 100

167 26.9 20.2 30.4

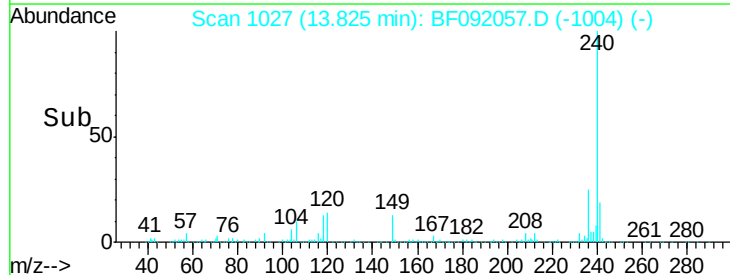
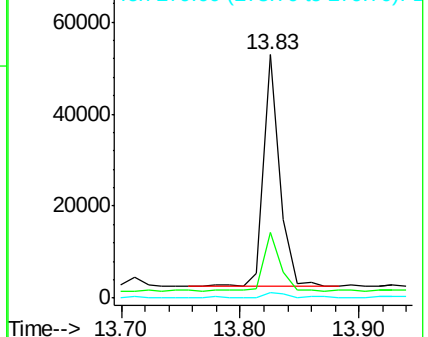
279 2.5 1.8 2.8

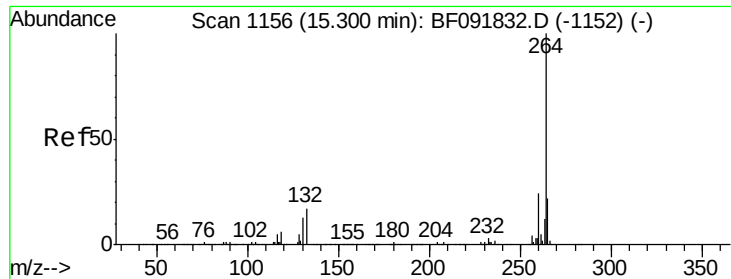


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF092057.D
Acq: 30 Dec 2016 20:40

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion: 264 Resp: 417847
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.9 17.4 26.0

