

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094280.D
 Acq On : 7 Apr 2017 18:39
 Operator : SJ/MA
 Sample : I2561-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

Quant Time: Apr 07 22:59:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

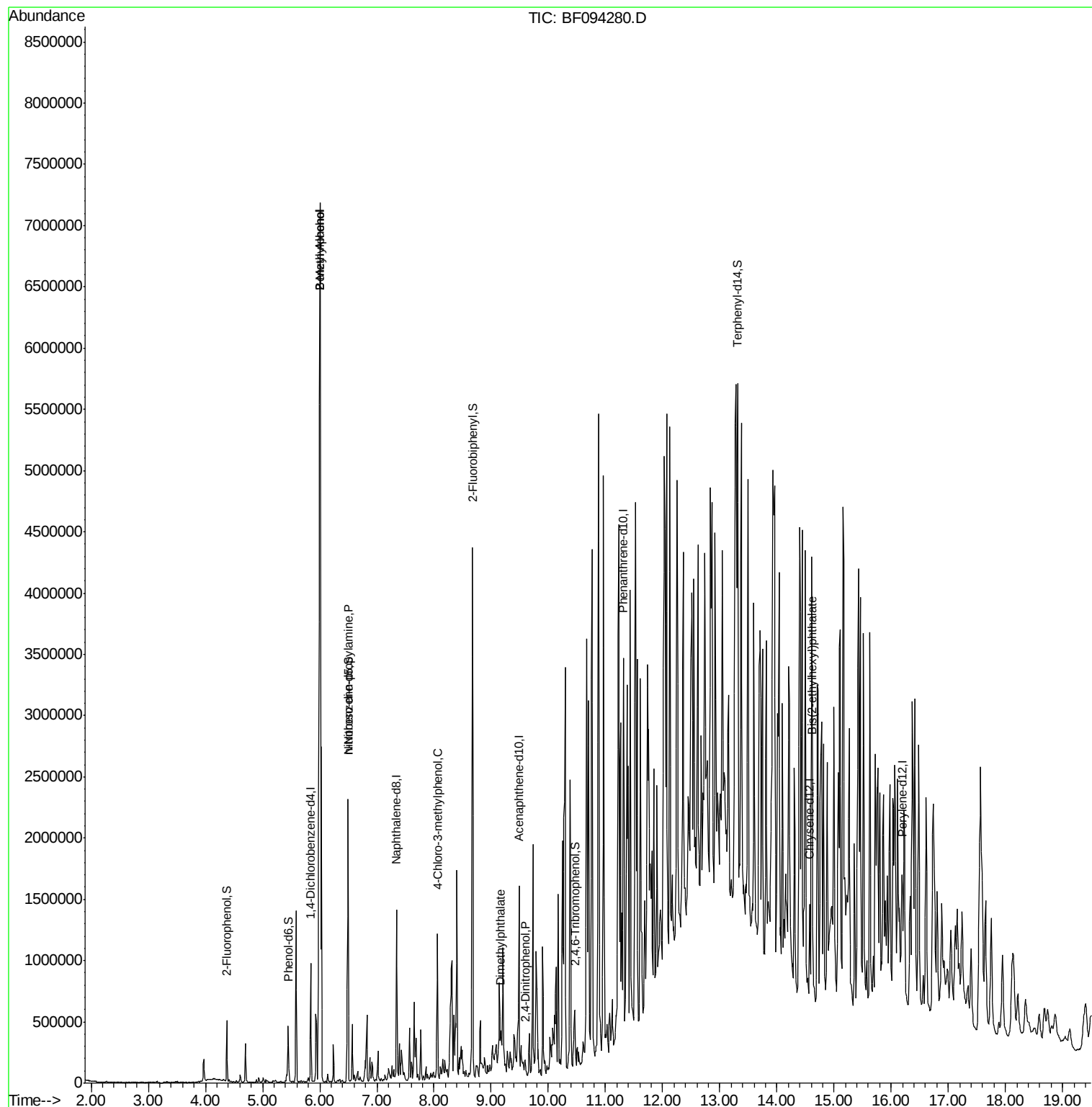
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	164684	20.00	ng	-0.01
21) Naphthalene-d8	7.35	136	641015	20.00	ng	-0.02
38) Acenaphthene-d10	9.49	164	273913	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	397478	20.00	ng	-0.01
75) Chrysene-d12	14.57	240	304957	20.00	ng	0.00
86) Perylene-d12	16.20	264	260983	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.37	112	152381	15.63	ng	-0.01
7) Phenol-d6	5.45	99	151497	12.56	ng	-0.02
23) Nitrobenzene-d5	6.50	82	891553	79.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	48826	22.56	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1567199	87.27	ng	-0.01
78) Terphenyl-d14	13.30	244	847374	62.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.00	79	570922	64.67	ng	# 57
17) 2-Methylphenol	6.00	107	333752	36.36	ng	# 1
19) n-Nitroso-di-n-propylamine	6.50	70	118498	15.29	ng	# 77
36) 4-Chloro-3-methylphenol	8.06	107	51105	5.75	ng	# 14
49) Dimethylphthalate	9.17	163	54886	2.82	ng	99
53) 2,4-Dinitrophenol	9.61	184	460	4.84	ng	# 81
83) Bis(2-ethylhexyl)phthalate	14.63	149	55042	4.28	ng	# 94

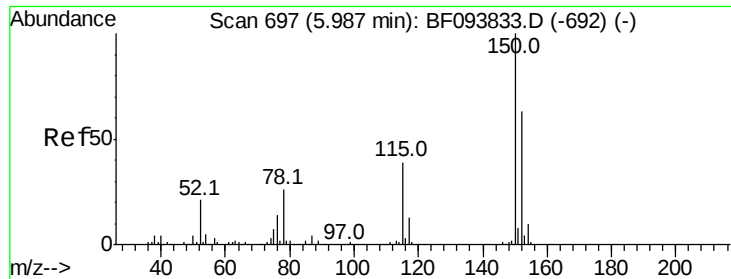
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

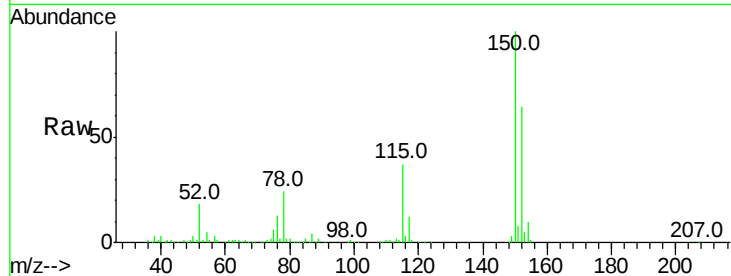
Tot Ion:152 Resp: 164684

Ion Ratio Lower Upper

152 100

150 156.9 126.2 189.2

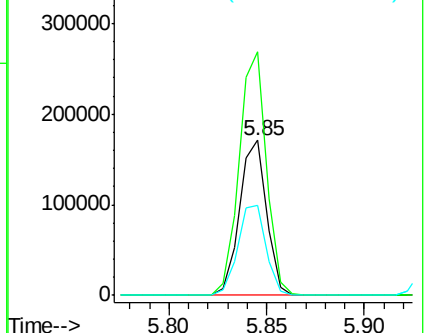
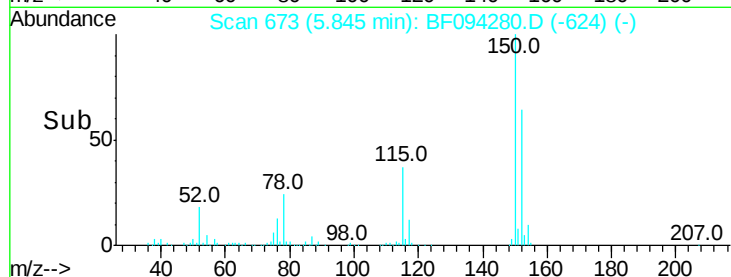
115 58.3 52.2 78.2



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: 15.63 ng

RT: 4.37 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

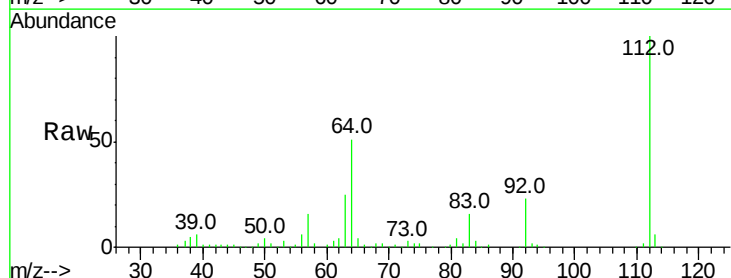
Tgt Ion:112 Resp: 152381

Ion Ratio Lower Upper

112 100

64 51.2 46.0 69.0

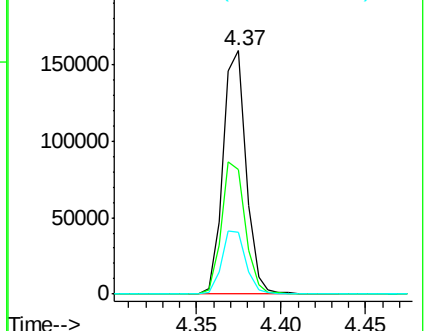
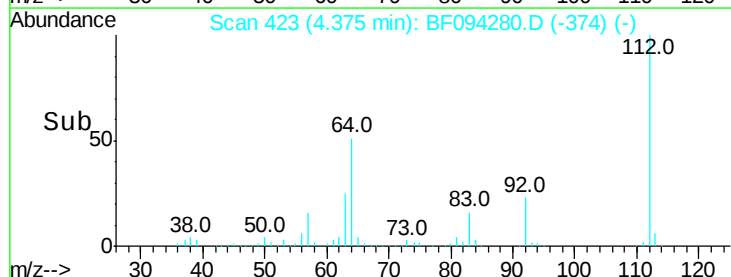
63 25.3 23.4 35.0

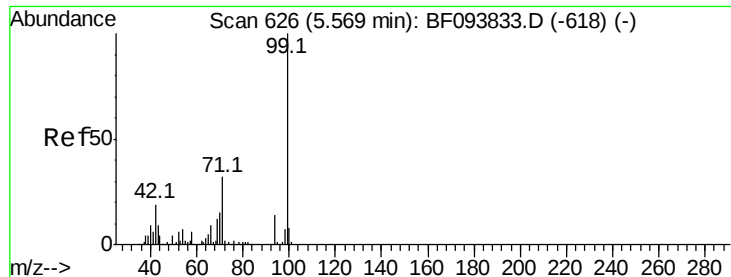


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.56 ng

RT: 5.45 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

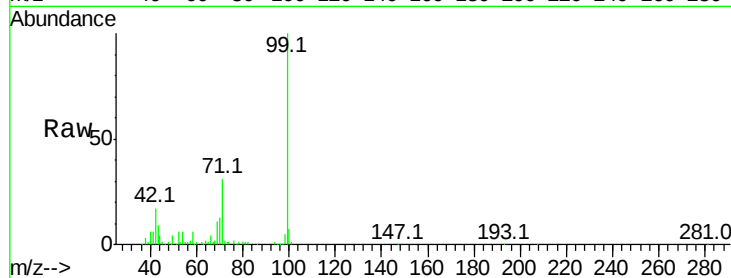
Tot Ion: 99 Resp: 151497

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

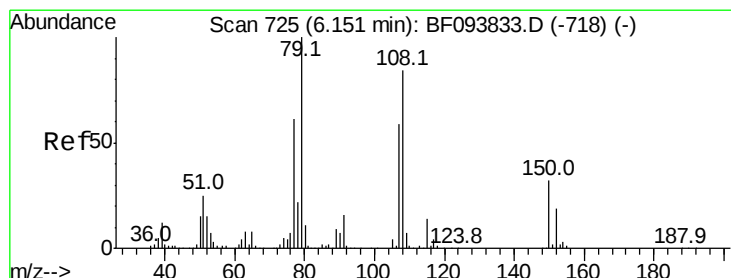
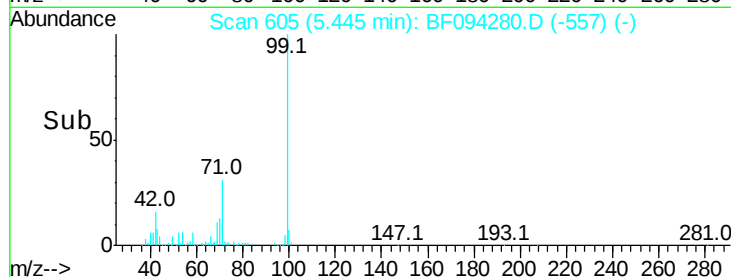
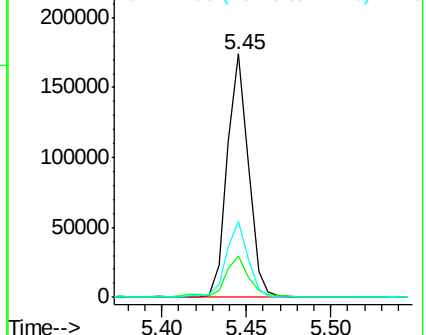
71 31.3 24.5 36.7



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: 64.67 ng

RT: 6.00 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

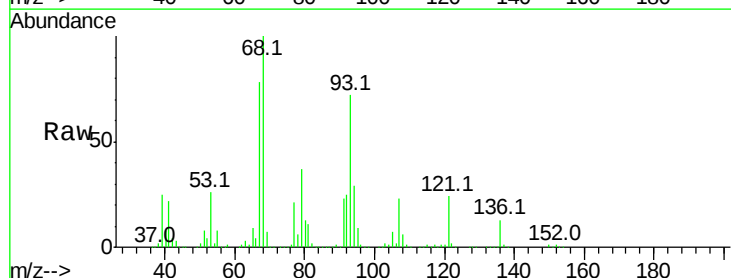
Tgt Ion: 79 Resp: 570922

Ion Ratio Lower Upper

79 100

108 16.6 63.4 95.0#

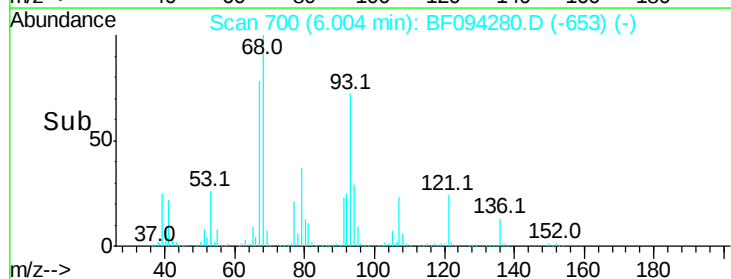
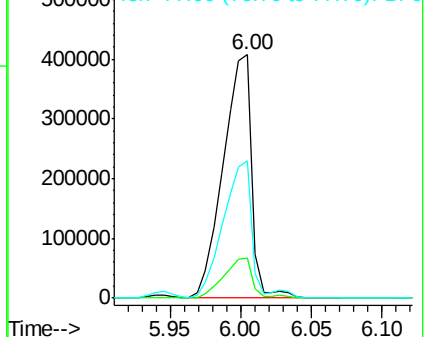
77 56.3 49.2 73.8

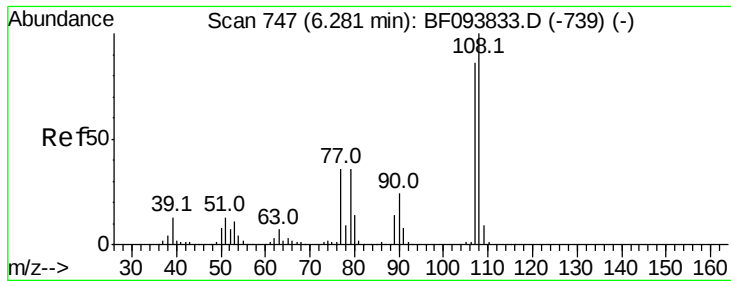


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#17

2-Methylphenol

Concen: 36.36 ng

RT: 6.00 min Scan# 700

Delta R.T. -0.16 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

Tot Ion:107 Resp: 333752

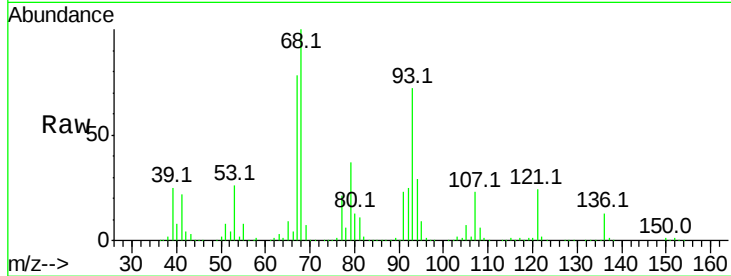
Ion Ratio Lower Upper

107 100

108 26.8 93.4 140.0#

77 91.0 35.8 53.6#

79 161.5 34.8 52.2#



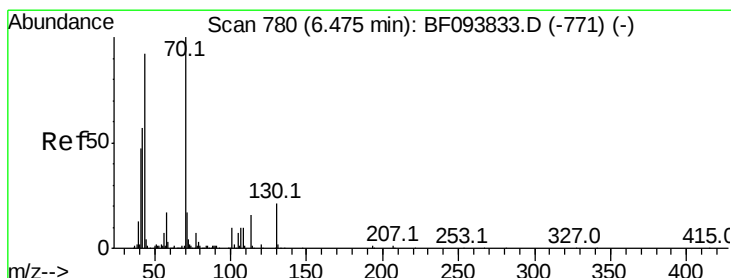
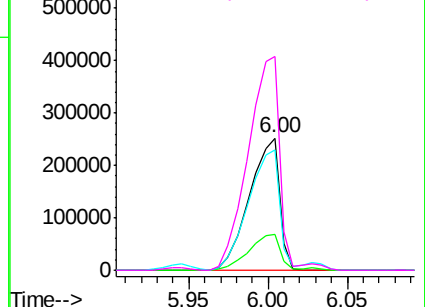
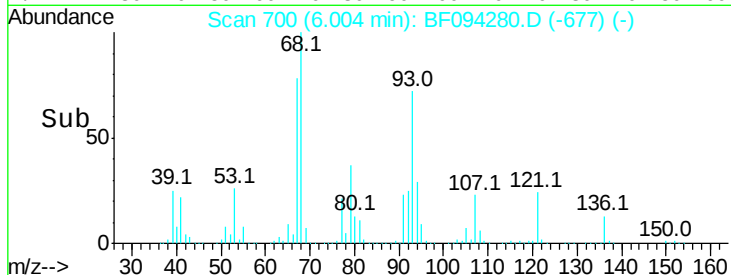
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.29 ng

RT: 6.50 min Scan# 784

Delta R.T. 0.15 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Tgt Ion: 70 Resp: 118498

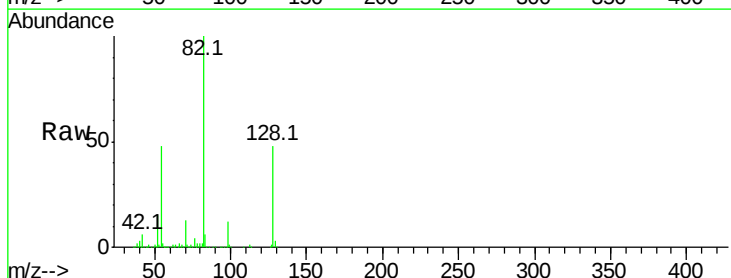
Ion Ratio Lower Upper

70 100

42 45.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#



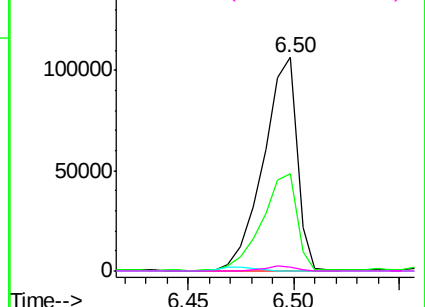
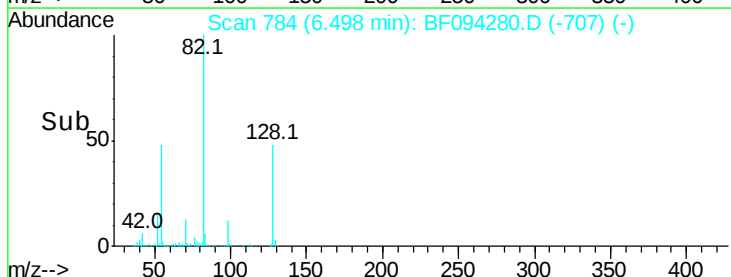
Abundance

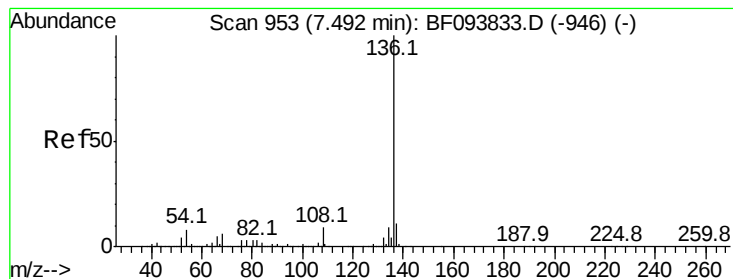
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:136 Resp: 641015

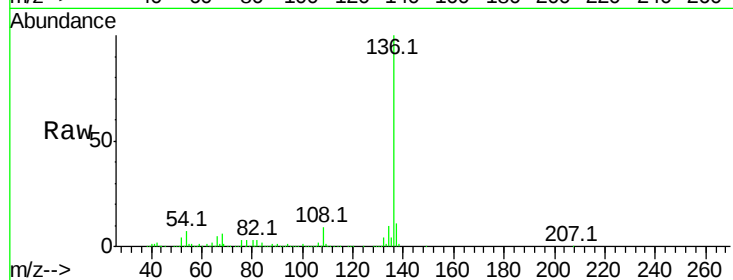
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 5.6 4.1 6.1

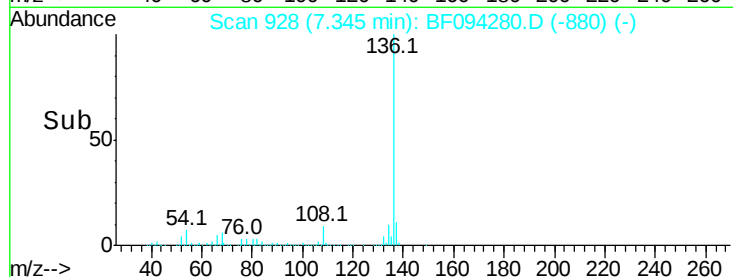


Abundance Ion 136.00 (135.70 to 136.70): E

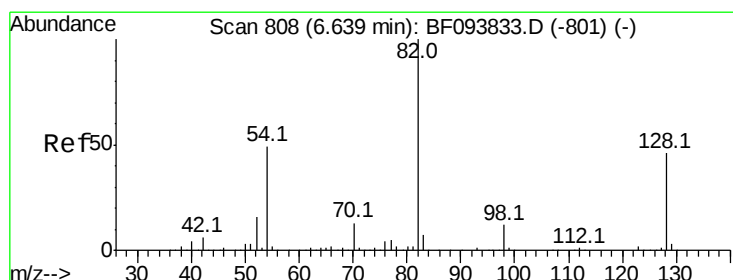
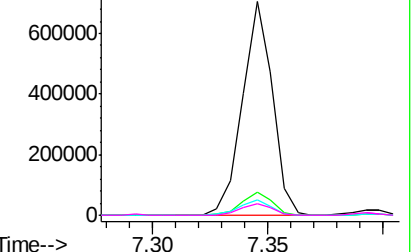
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 79.37 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

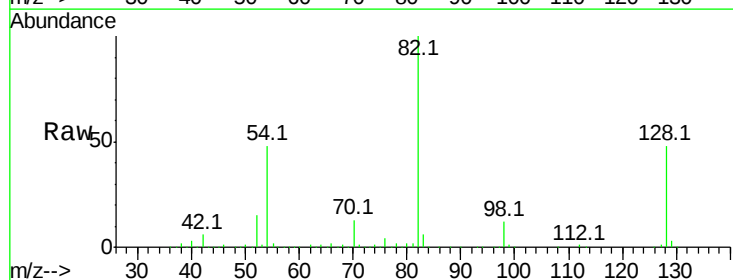
Tgt Ion: 82 Resp: 891553

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

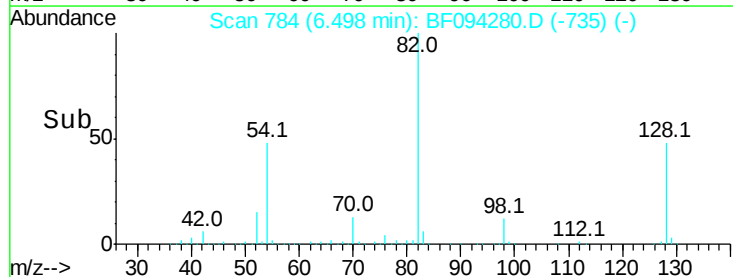
54 48.4 42.2 63.2



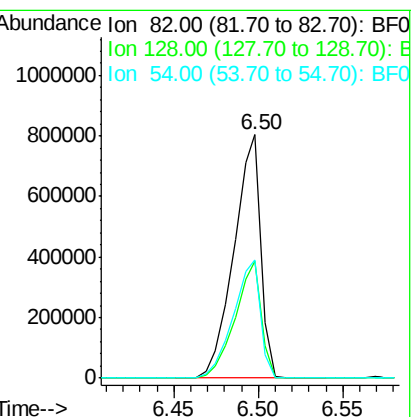
Abundance Ion 82.00 (81.70 to 82.70): BF0

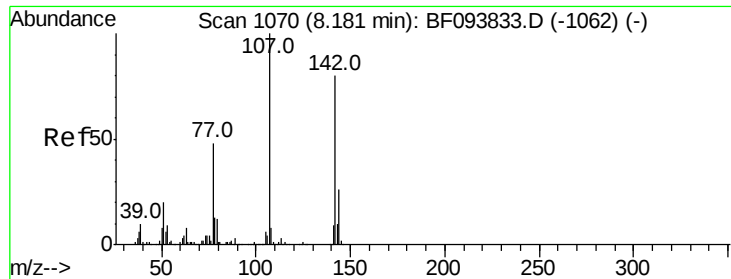
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

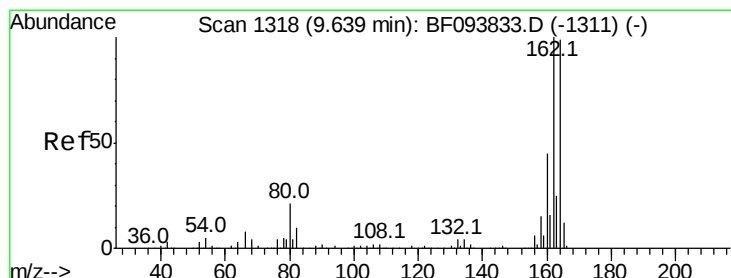
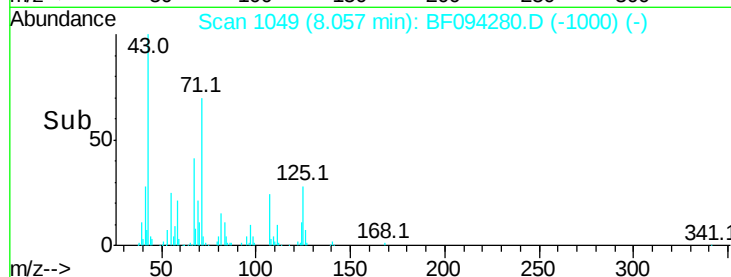
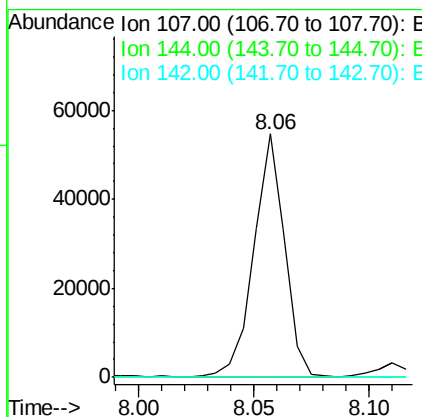
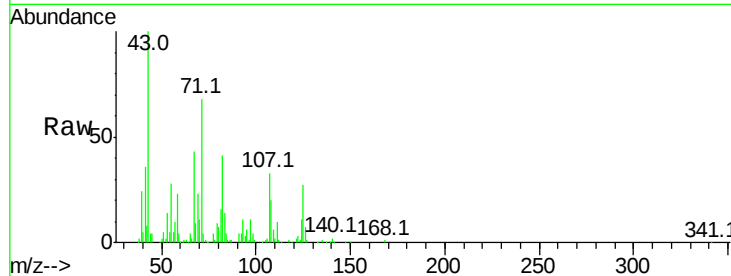




#36
 4-Chloro-3-methylphenol
 Concen: 5.75 ng
 RT: 8.06 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF094280.D
 Acq: 7 Apr 2017 18:39

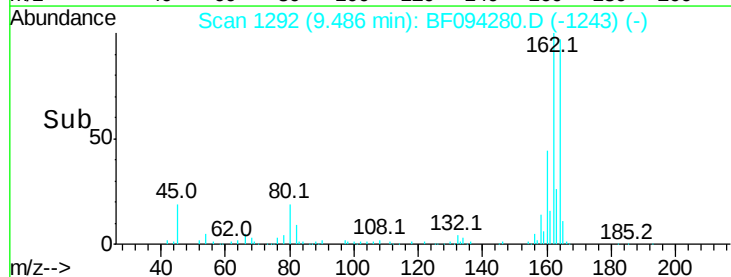
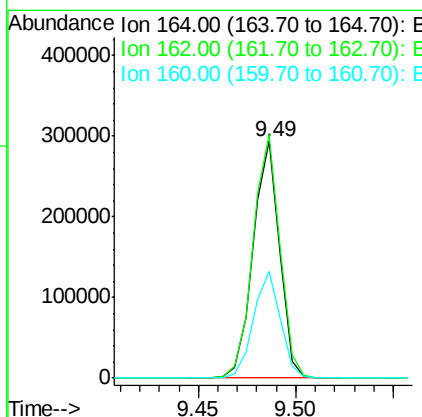
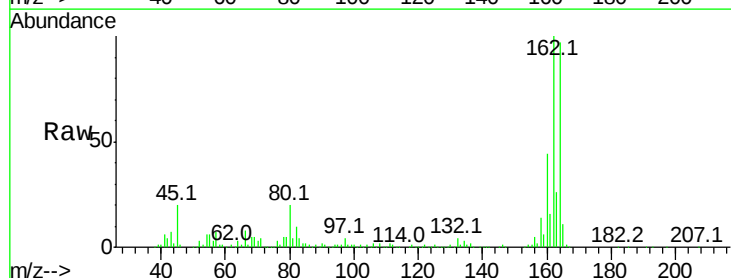
Instrument :
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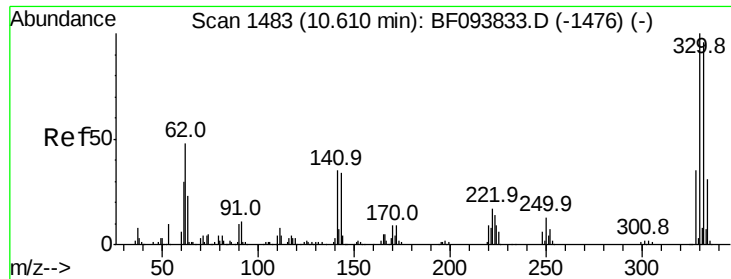
Tot Ion:107 Resp: 51105
 Ion Ratio Lower Upper
 107 100
 144 0.0 24.2 36.4#
 142 0.0 73.4 110.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF094280.D
 Acq: 7 Apr 2017 18:39

Tgt Ion:164 Resp: 273913
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 45.1 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 22.56 ng

RT: 10.46 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

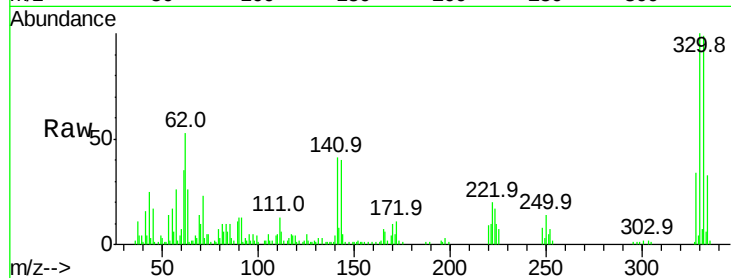
Tot Ion:330 Resp: 48826

Ion Ratio Lower Upper

330 100

332 98.2 76.6 115.0

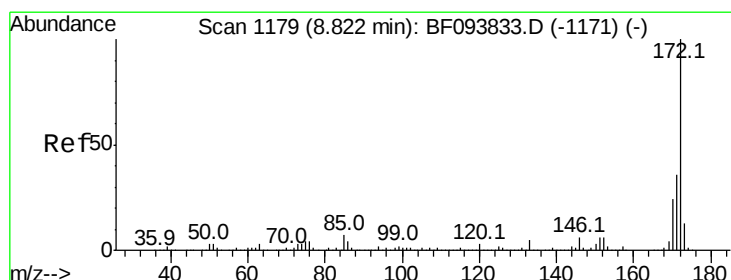
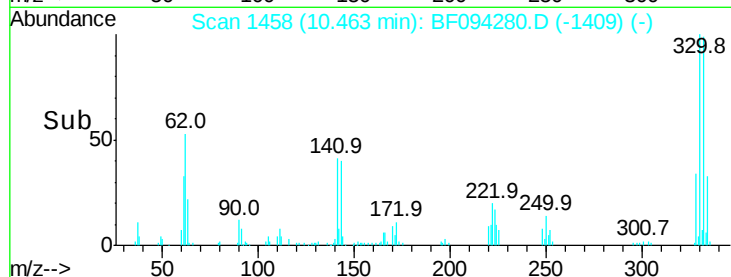
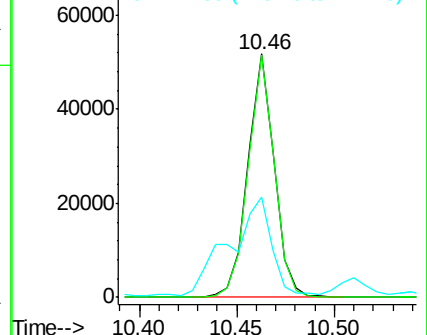
141 65.3 31.4 47.2#



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: 87.27 ng

RT: 8.67 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

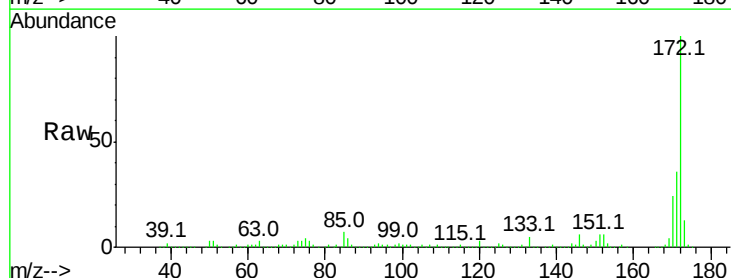
Tgt Ion:172 Resp: 1567199

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

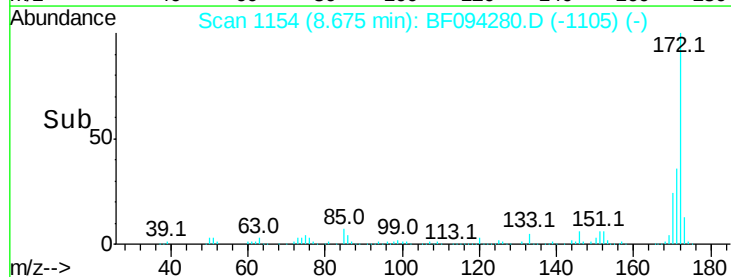
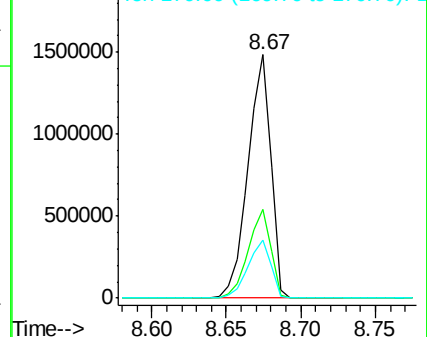
170 24.1 19.8 29.8

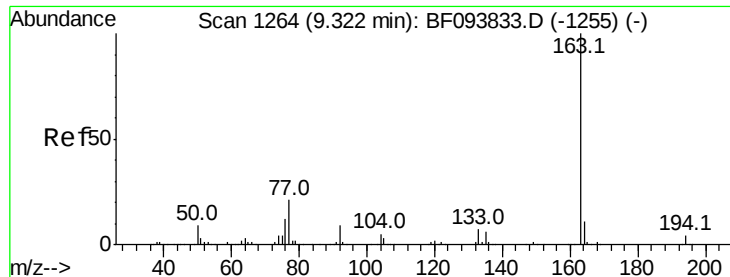


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

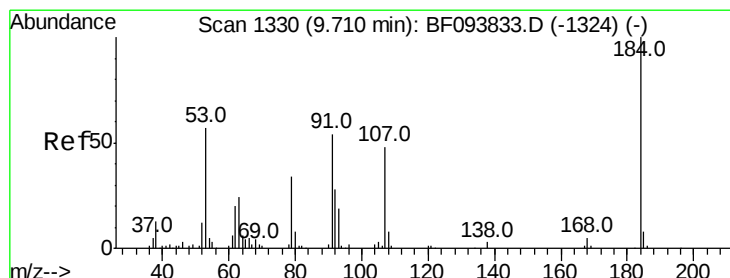
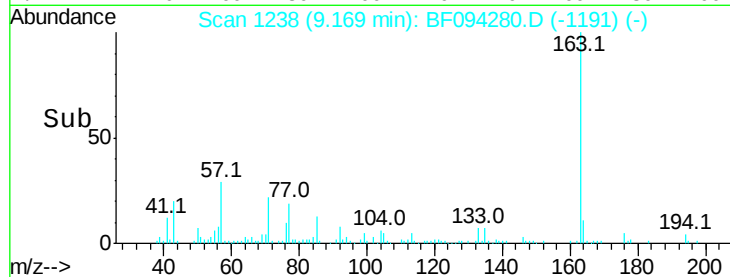
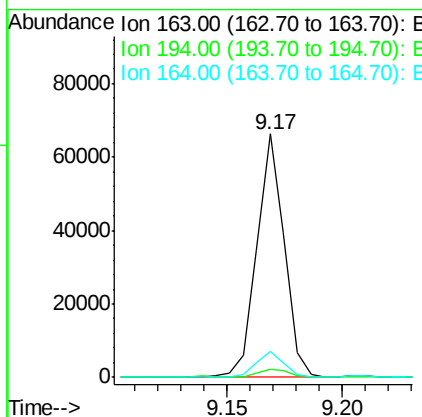
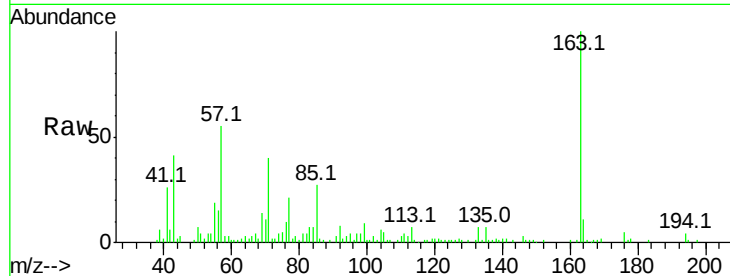




#49
Dimethylphthalate
Concen: 2.82 ng
RT: 9.17 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BF094280.D
Acq: 7 Apr 2017 18:39

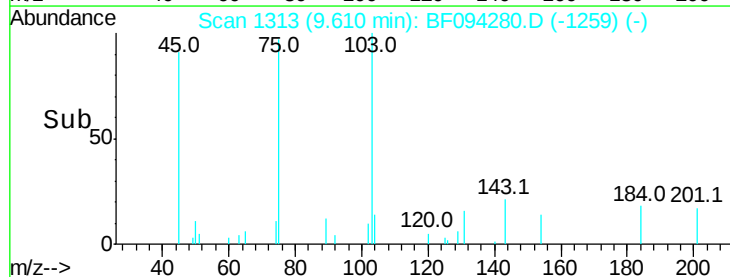
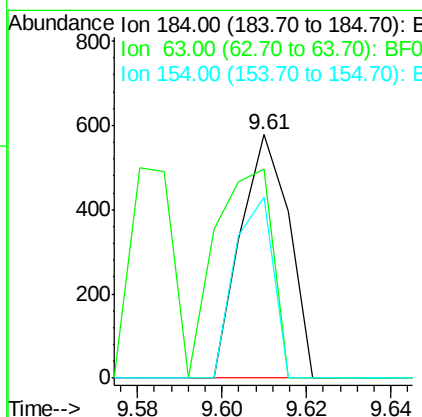
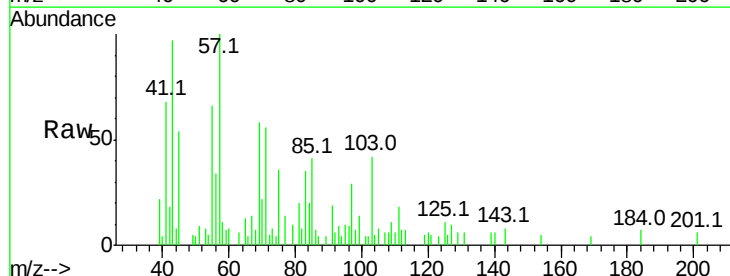
Instrument :
BNA_F
ClientSampleId :
CLEARWELL

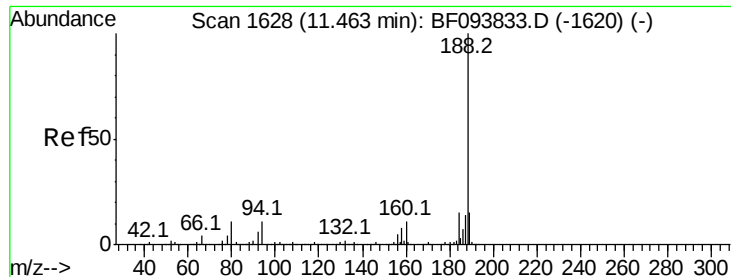
Tot Ion:163 Resp: 54886
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.7 8.4 12.6



#53
2,4-Dinitrophenol
Concen: 4.84 ng
RT: 9.61 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF094280.D
Acq: 7 Apr 2017 18:39

Tgt Ion:184 Resp: 460
Ion Ratio Lower Upper
184 100
63 85.8 62.7 94.1
154 74.4 81.1 121.7#

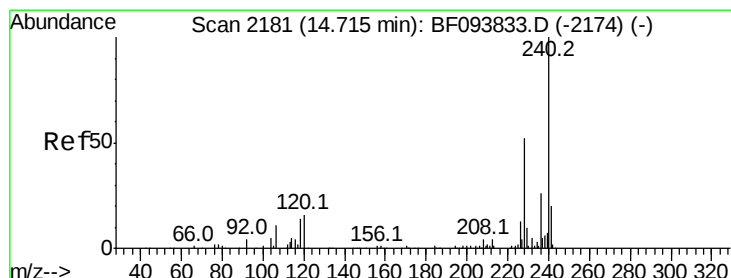
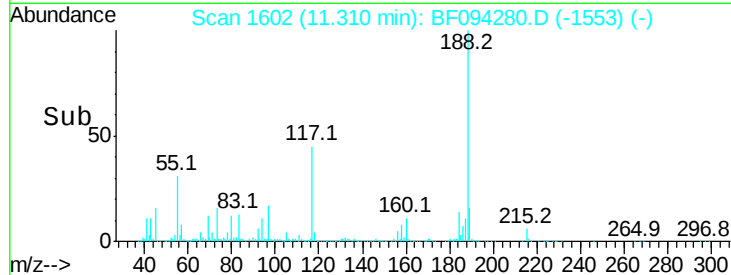
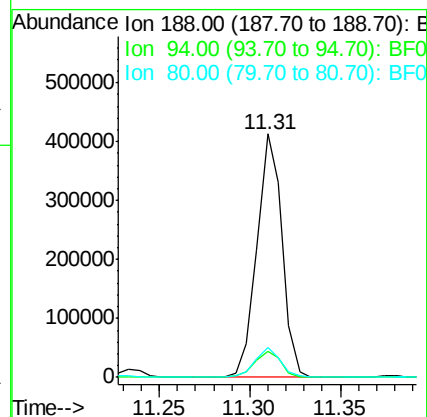
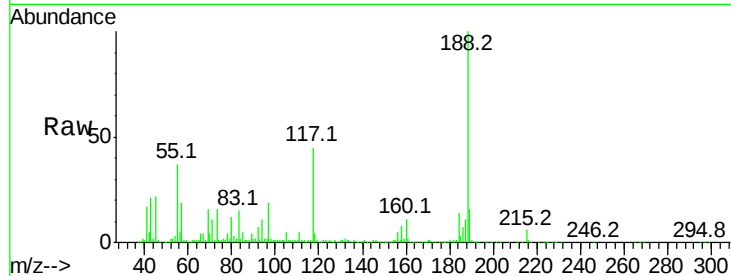




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF094280.D
 Acq: 7 Apr 2017 18:39

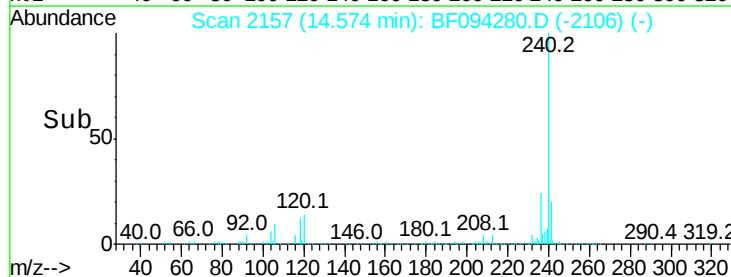
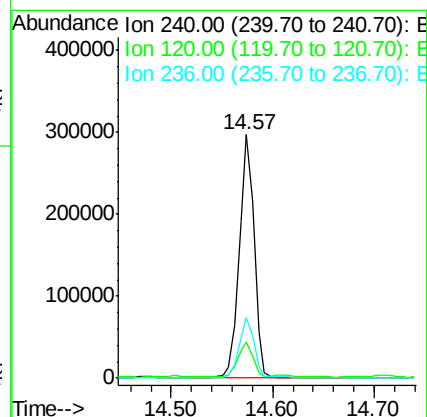
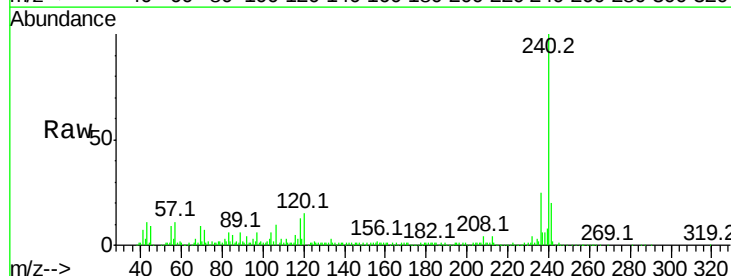
Instrument :
 BNA_F
 ClientSampleId :
 CLEARWELL

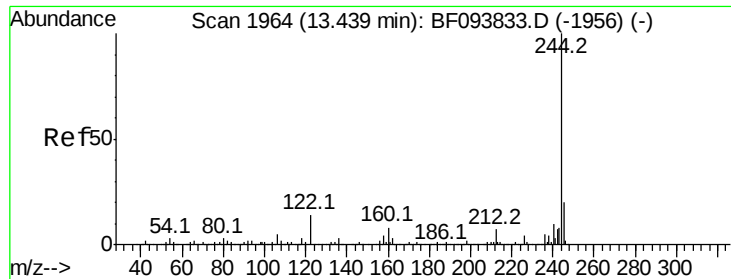
Tot Ion:188 Resp: 397478
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 12.1 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.57 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BF094280.D
 Acq: 7 Apr 2017 18:39

Tgt Ion:240 Resp: 304957
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 24.8 20.5 30.7





#78

Terphenyl-d14

Concen: 62.28 ng

RT: 13.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

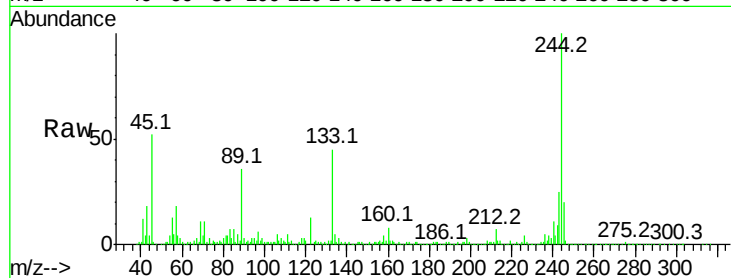
Tot Ion:244 Resp: 847374

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

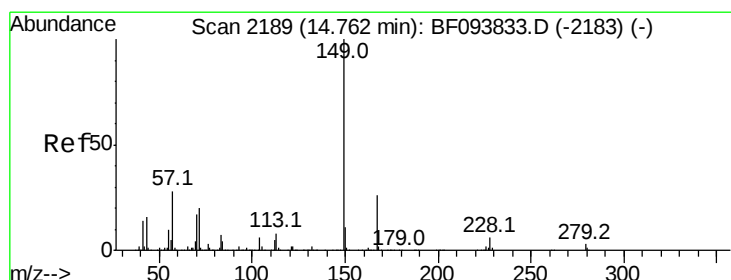
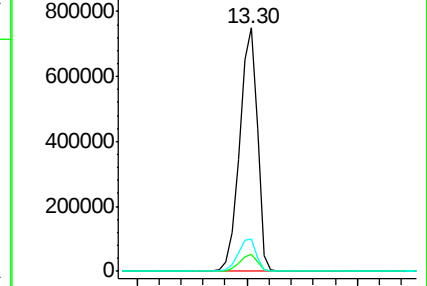
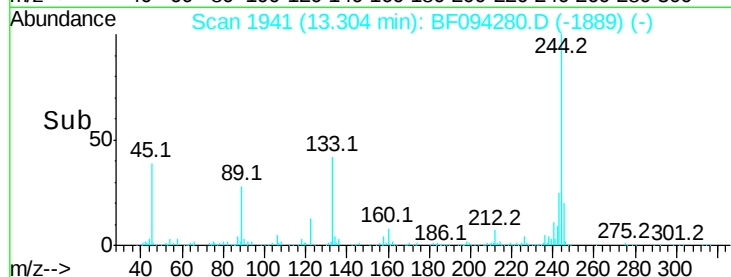
122 13.5 10.3 15.5



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: 4.28 ng

RT: 14.63 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

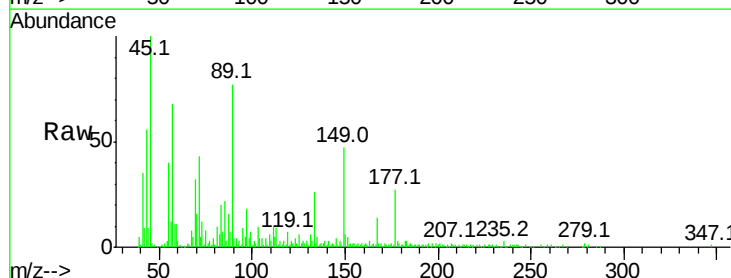
Tgt Ion:149 Resp: 55042

Ion Ratio Lower Upper

149 100

167 29.3 21.0 31.4

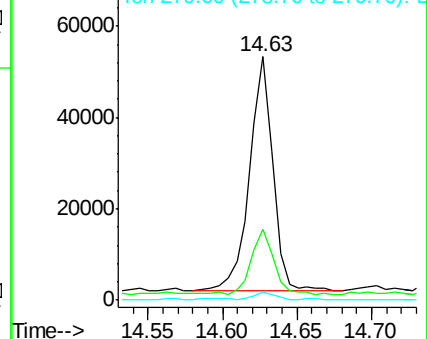
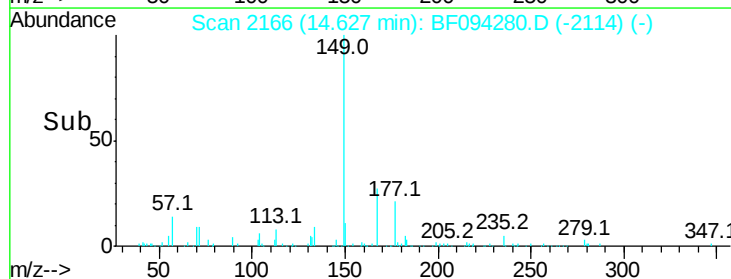
279 3.2 1.9 2.9#

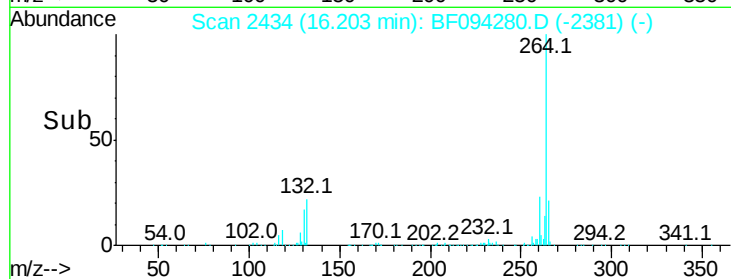
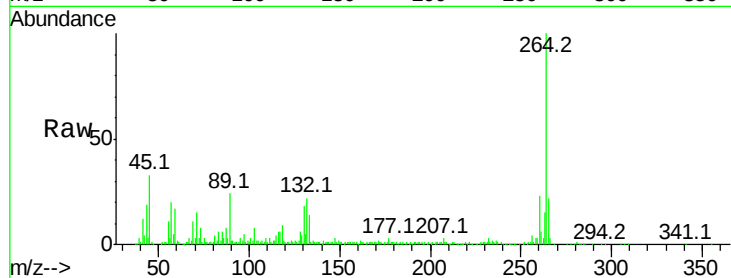
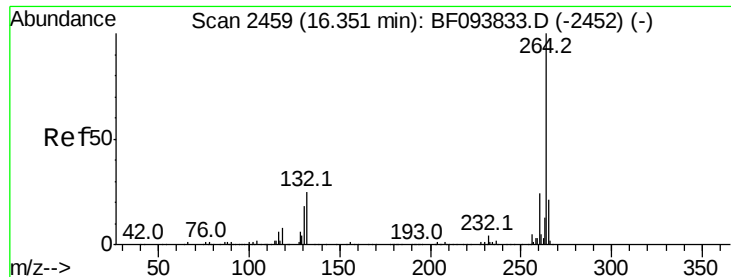


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.20 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BF094280.D

Acq: 7 Apr 2017 18:39

Instrument :

BNA_F

ClientSampleId :

CLEARWELL

Tot Ion:264 Resp: 260983

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 21.7 17.2 25.8

