

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094215.D
 Acq On : 6 Apr 2017 4:08
 Operator : SJ/MA
 Sample : I2536-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB7-BASE

Quant Time: Apr 06 05:11:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

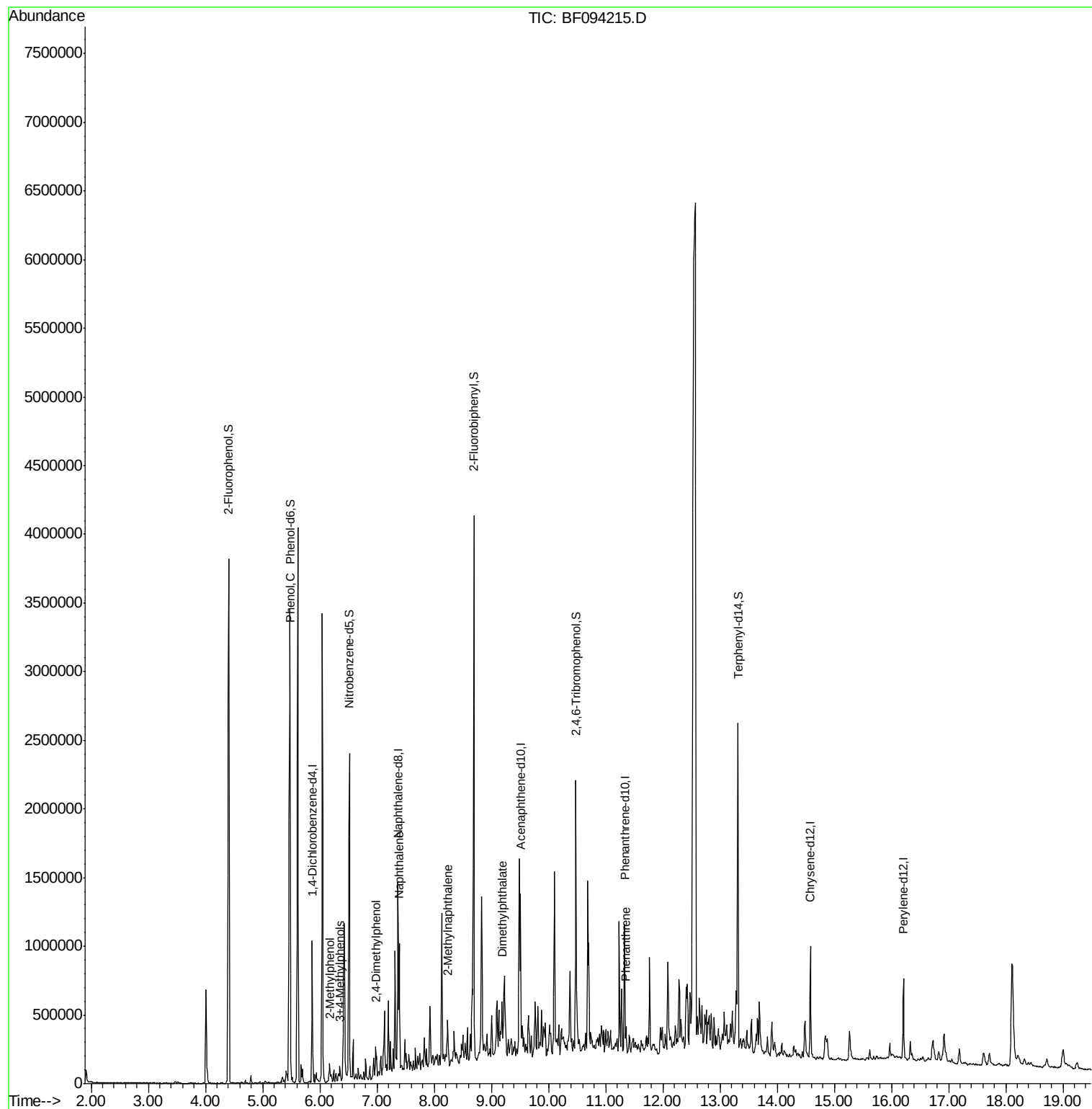
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	162395	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	618776	20.00	ng	-0.04
38) Acenaphthene-d10	9.51	164	253884	20.00	ng	-0.04
63) Phenanthrene-d10	11.33	188	384049	20.00	ng	-0.04
75) Chrysene-d12	14.59	240	326665	20.00	ng	-0.04
86) Perylene-d12	16.21	264	231540	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1296053	134.80	ng	-0.03
7) Phenol-d6	5.47	99	1649343	138.67	ng	-0.04
23) Nitrobenzene-d5	6.52	82	980905	90.47	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	262330	130.76	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1454574	87.39	ng	-0.04
78) Terphenyl-d14	13.32	244	894717	61.39	ng	-0.04
Target Compounds						Qvalue
10) Phenol	5.49	94	128970	9.53	ng	90
17) 2-Methylphenol	6.17	107	21936	2.42	ng	97
20) 3+4-Methylphenols	6.35	107	31621	2.88	ng	# 62
27) 2,4-Dimethylphenol	6.97	122	62968	7.17	ng	93
31) Naphthalene	7.39	128	206266	6.93	ng	100
37) 2-Methylnaphthalene	8.23	142	82035	4.14	ng	99
49) Dimethylphthalate	9.19	163	161392	8.94	ng	98
70) Phenanthrene	11.36	178	72084	3.37	ng	99

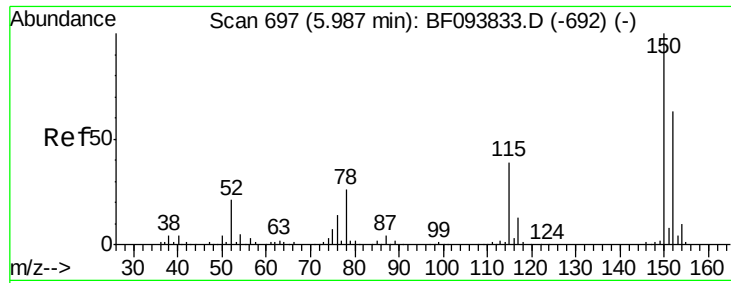
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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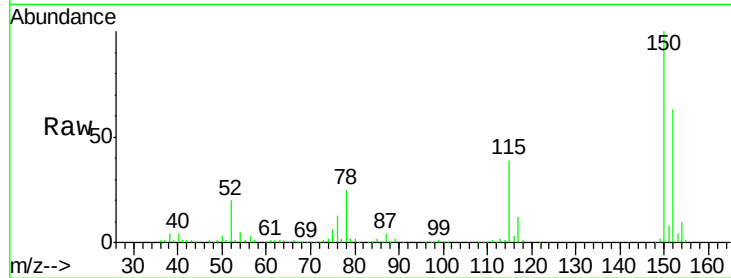


#1

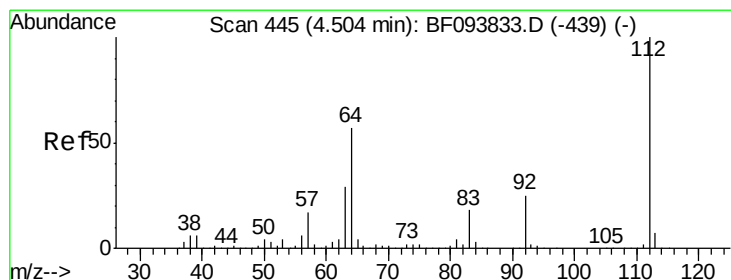
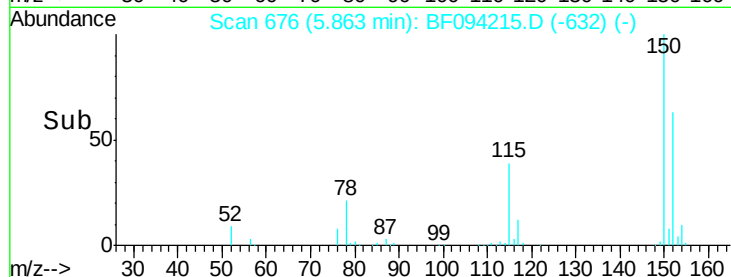
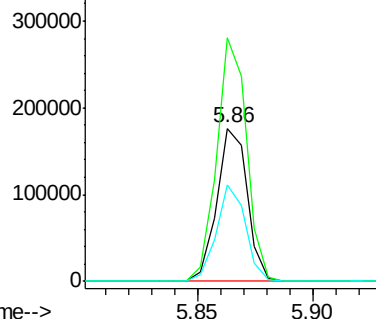
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094215.D
Acq: 6 Apr 2017 4:08

Instrument :
BNA_F
ClientSampleId :
E2-BB7-BASE

Tot Ion:152 Resp: 162395
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 62.9 52.2 78.2



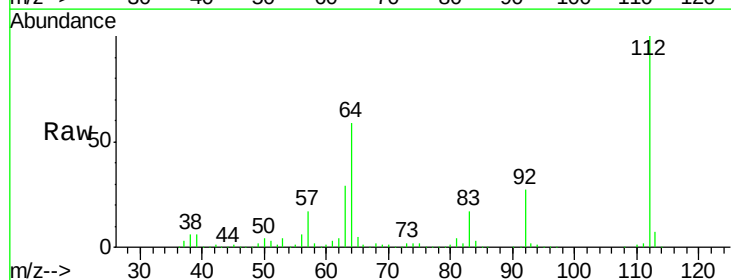
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



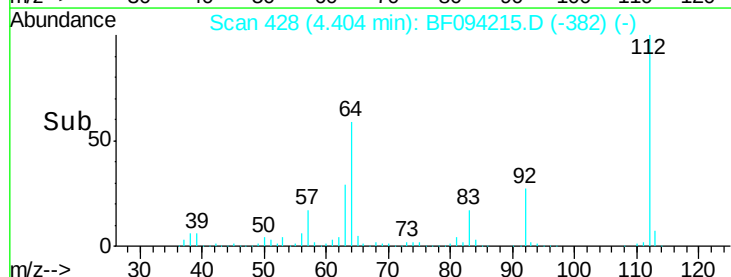
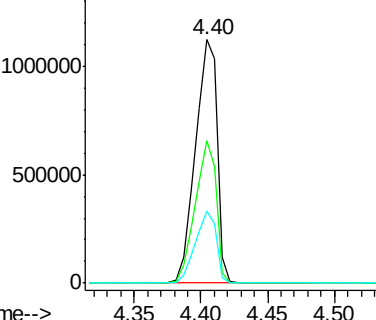
#5

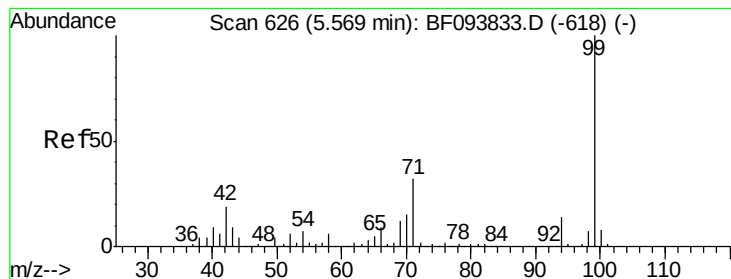
2-Fluorophenol
Concen: 134.80 ng
RT: 4.40 min Scan# 428
Delta R.T. -0.03 min
Lab File: BF094215.D
Acq: 6 Apr 2017 4:08

Tgt Ion:112 Resp: 1296053
Ion Ratio Lower Upper
112 100
64 58.7 46.0 69.0
63 29.4 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: 138.67 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

Instrument :

BNA_F

ClientSampleId :

E2-BB7-BASE

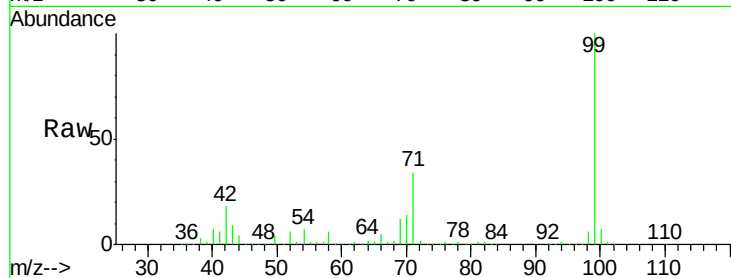
Tot Ion: 99 Resp: 1649343

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

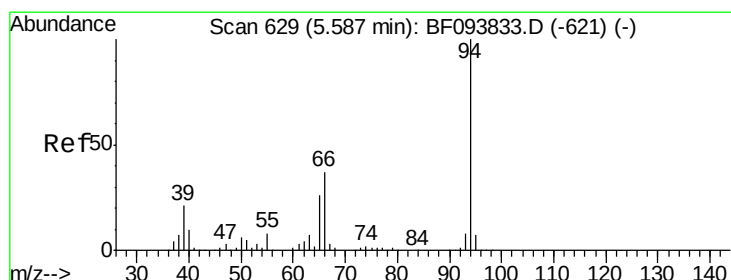
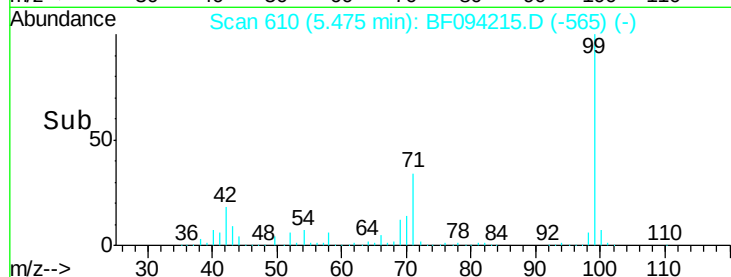
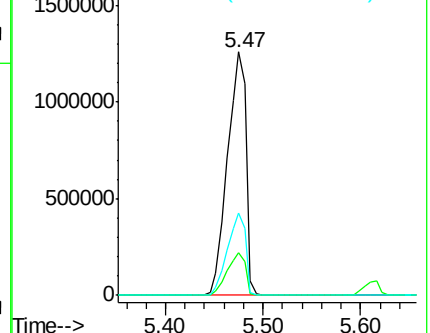
71 33.7 24.5 36.7



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



#10

Phenol

Concen: 9.53 ng

RT: 5.49 min Scan# 612

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

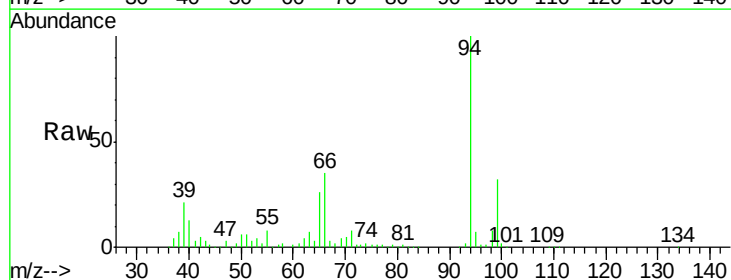
Tgt Ion: 94 Resp: 128970

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

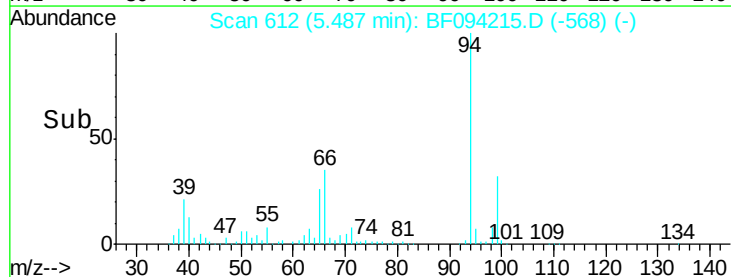
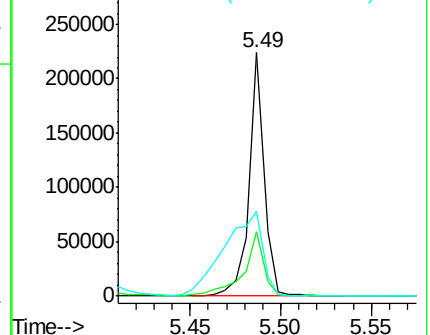
66 35.0 23.1 63.1

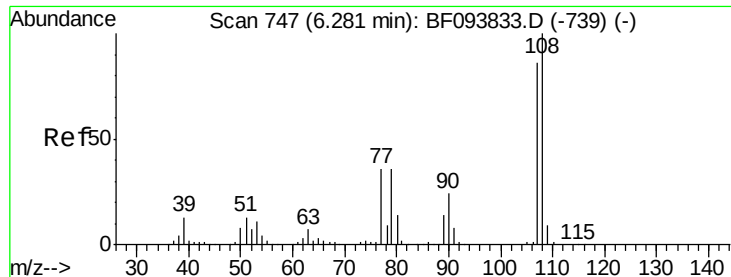


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

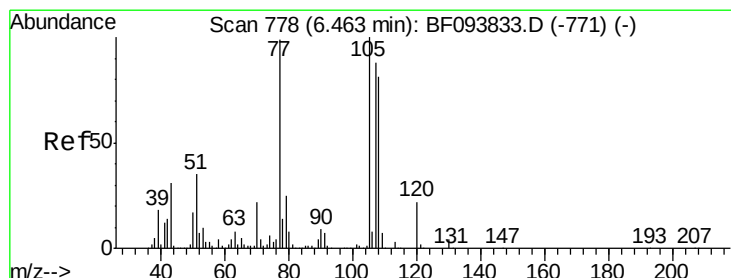
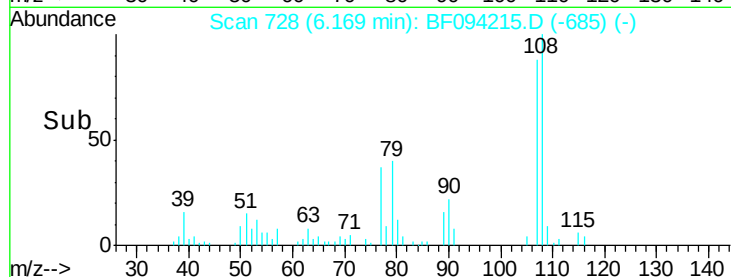
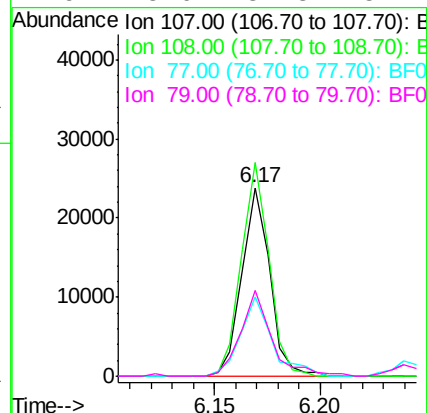
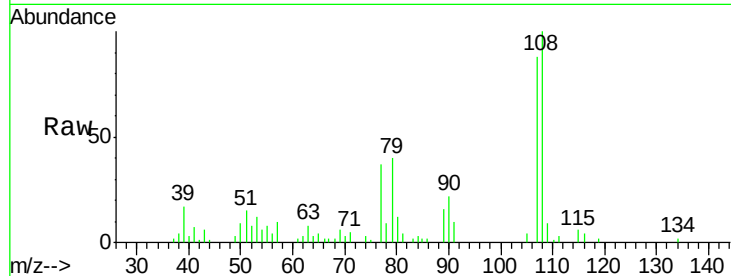




#17
2-Methylphenol
Concen: 2.42 ng
RT: 6.17 min Scan# 728
Delta R.T. -0.05 min
Lab File: BF094215.D
Acq: 6 Apr 2017 4:08

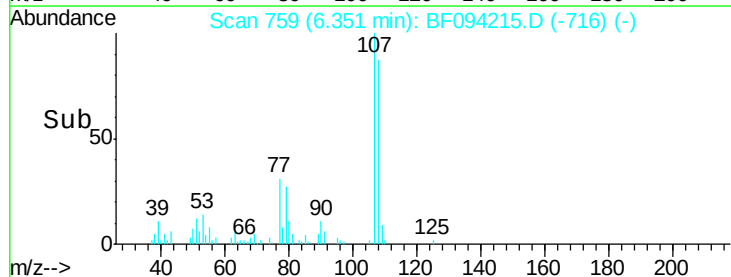
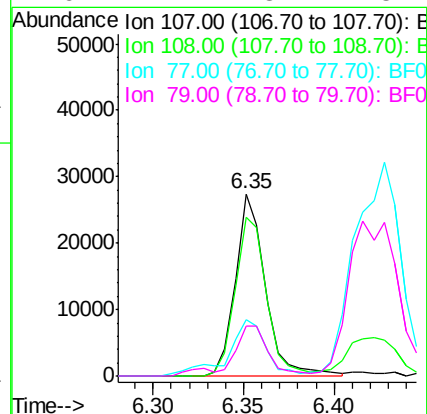
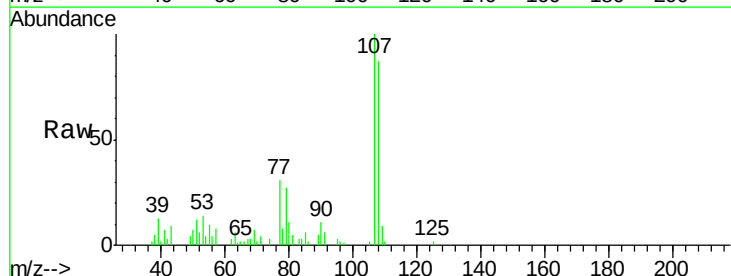
Instrument :
BNA_F
ClientSampleId :
E2-BB7-BASE

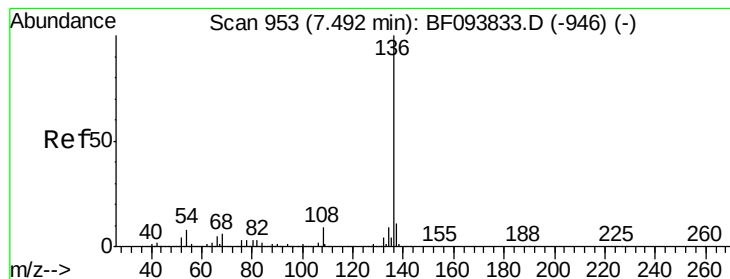
Tot Ion:	107	Resp:	21936
Ion	Ratio	Lower	Upper
107	100		
108	113.2	93.4	140.0
77	42.3	35.8	53.6
79	45.6	34.8	52.2



#20
3+4-Methylphenols
Concen: 2.88 ng
RT: 6.35 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF094215.D
Acq: 6 Apr 2017 4:08

Tgt Ion:	107	Resp:	31621
Ion	Ratio	Lower	Upper
107	100		
108	87.1	71.0	111.0
77	31.0	90.5	130.5#
79	27.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

Instrument :

BNA_F

ClientSampleId :

E2-BB7-BASE

Tot Ion:136 Resp: 618776

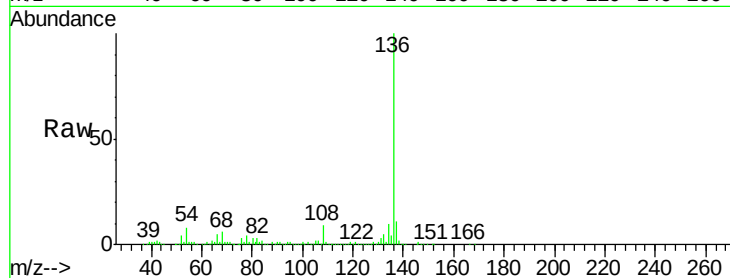
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.5 4.9 7.3#

68 5.9 4.1 6.1

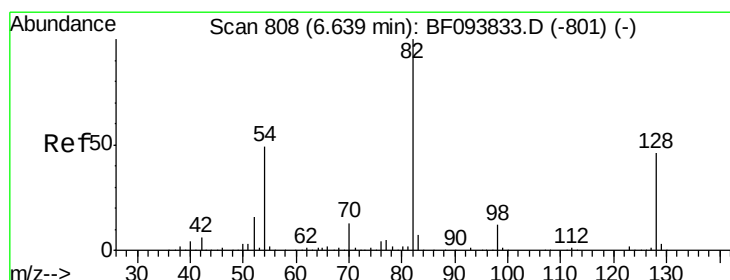
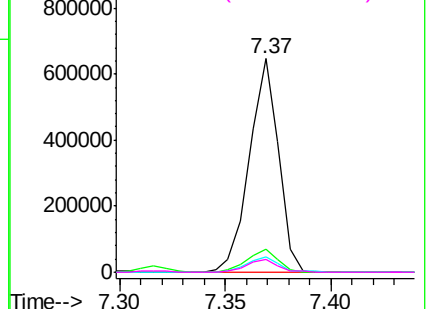
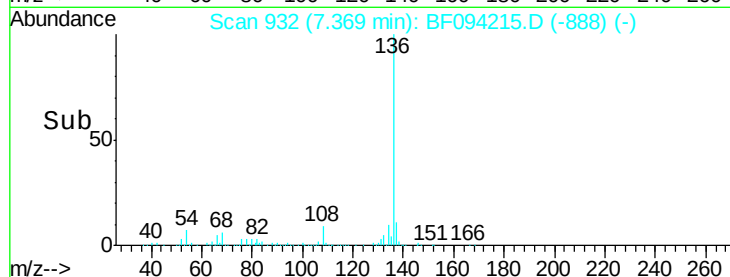


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 90.47 ng

RT: 6.52 min Scan# 787

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

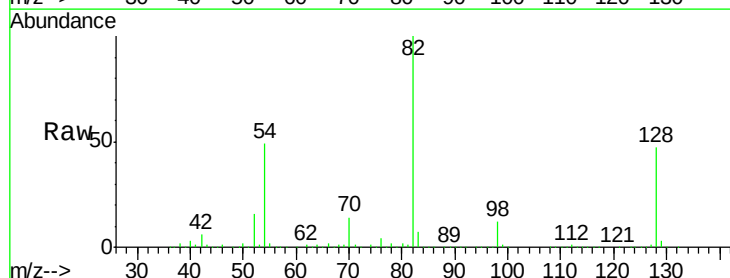
Tgt Ion: 82 Resp: 980905

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

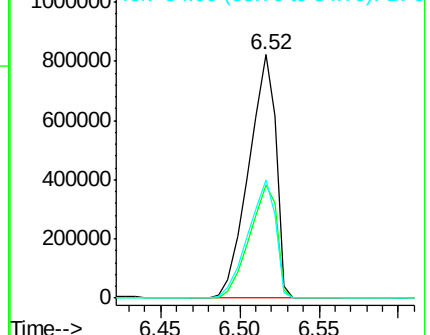
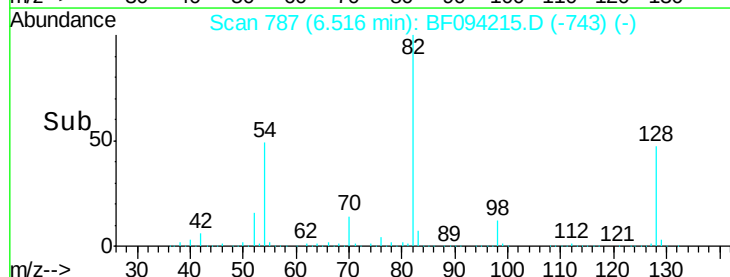
54 48.8 42.2 63.2

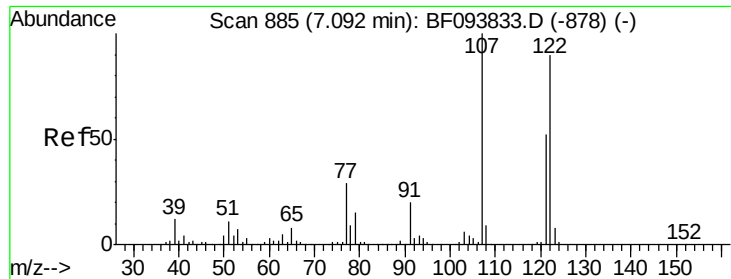


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 7.17 ng

RT: 6.97 min Scan# 865

Delta R.T. -0.05 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

Instrument :

BNA_F

ClientSampleId :

E2-BB7-BASE

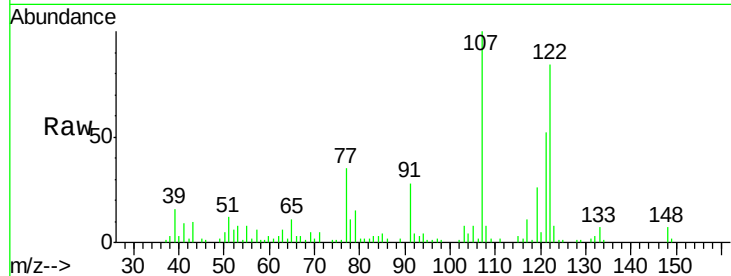
Tot Ion:122 Resp: 62968

Ion Ratio Lower Upper

122 100

107 118.9 89.2 133.8

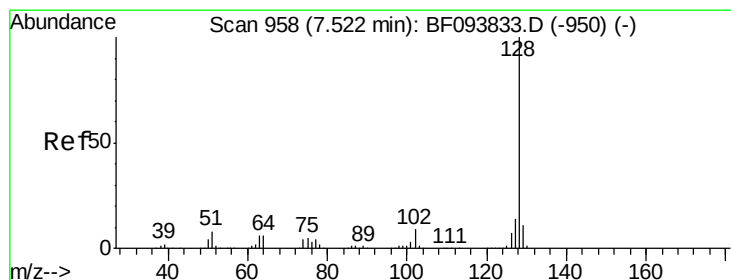
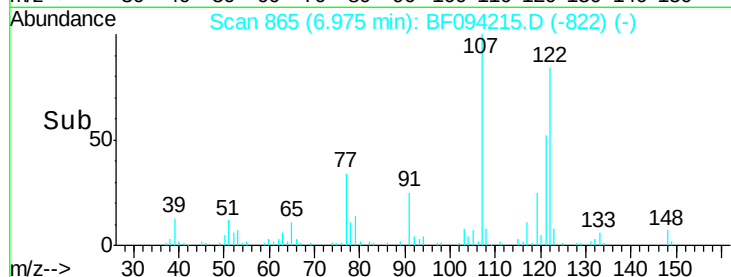
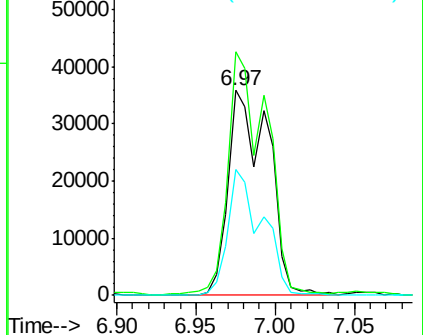
121 61.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 6.93 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

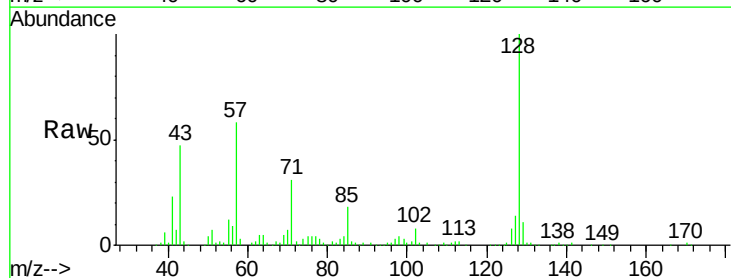
Tgt Ion:128 Resp: 206266

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

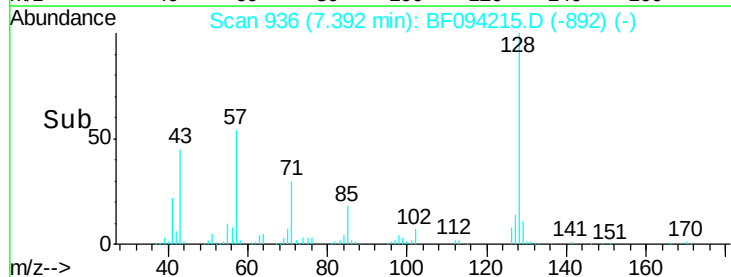
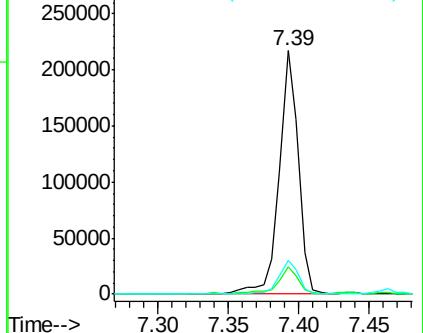
127 13.7 10.8 16.2

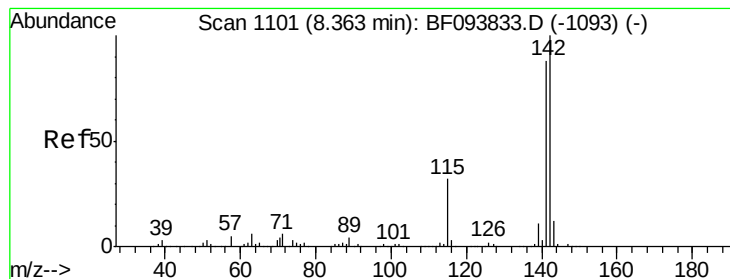


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 4.14 ng

RT: 8.23 min Scan# 1079

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

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ClientSampleId :

E2-BB7-BASE

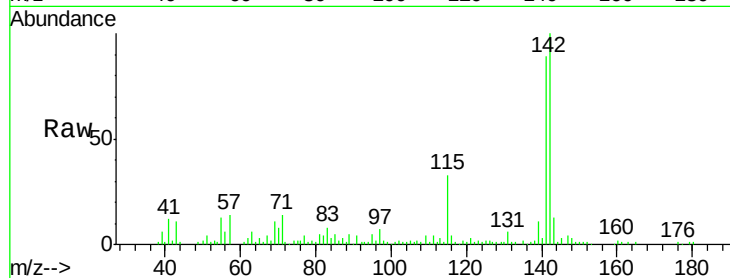
Tot Ion:142 Resp: 82035

Ion Ratio Lower Upper

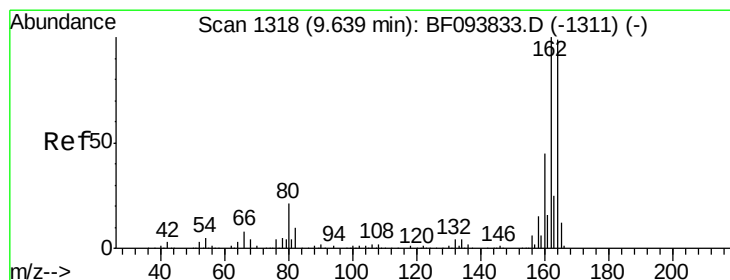
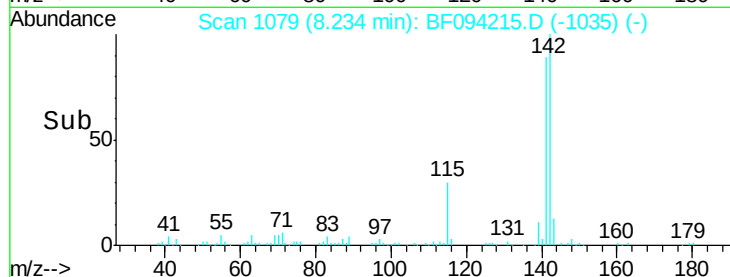
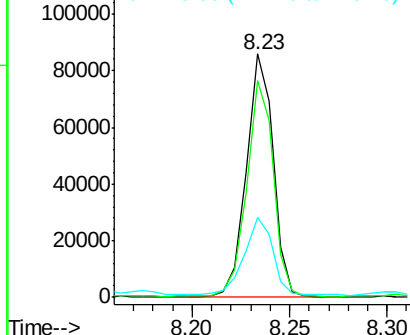
142 100

141 89.1 71.3 106.9

115 32.9 27.1 40.7



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: 9.51 min Scan# 1296

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

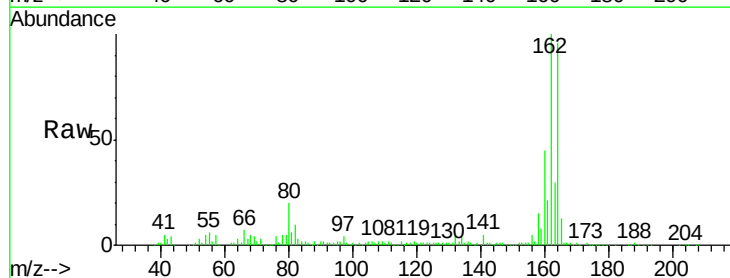
Tgt Ion:164 Resp: 253884

Ion Ratio Lower Upper

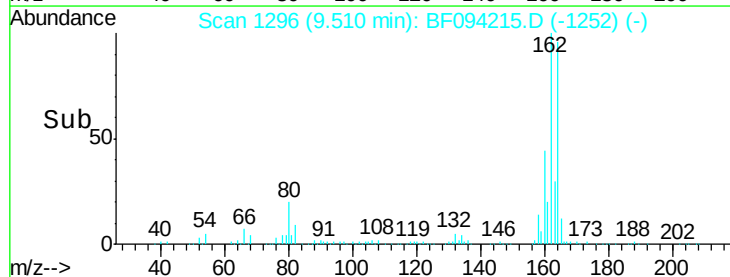
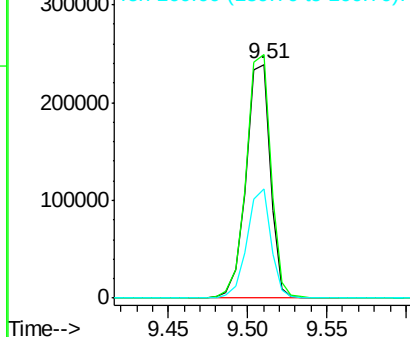
164 100

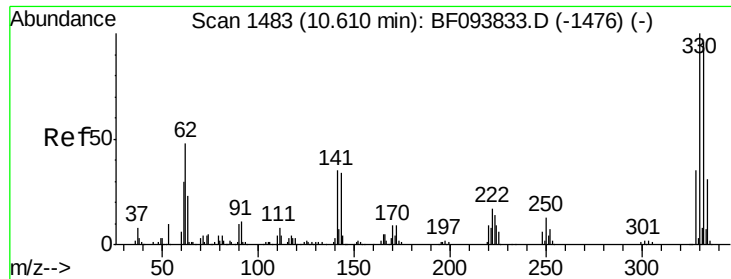
162 104.3 82.6 123.8

160 46.5 36.2 54.2



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: 130.76 ng

RT: 10.49 min Scan# 1462

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

Instrument :

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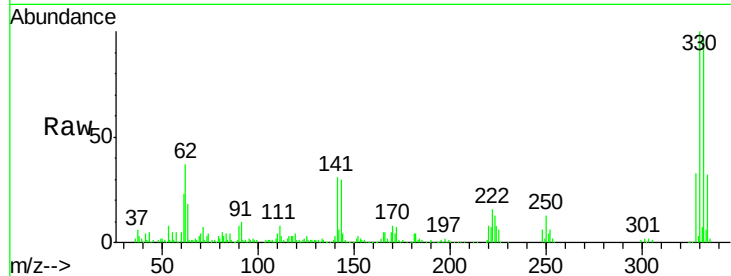
Tot Ion:330 Resp: 262330

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

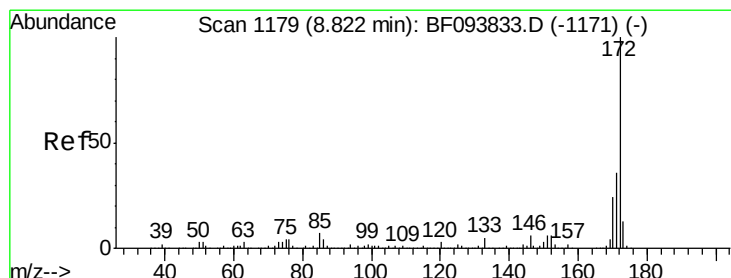
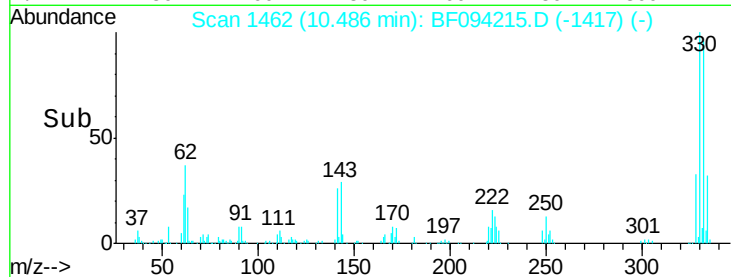
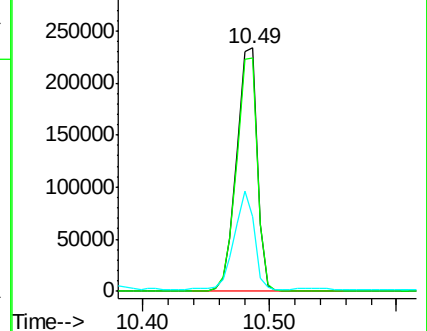
141 39.0 31.4 47.2



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: 87.39 ng

RT: 8.69 min Scan# 1157

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

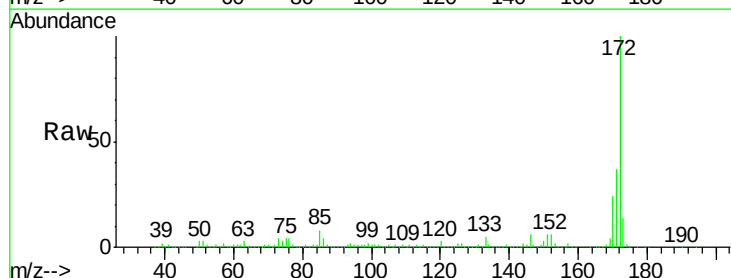
Tgt Ion:172 Resp: 1454574

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

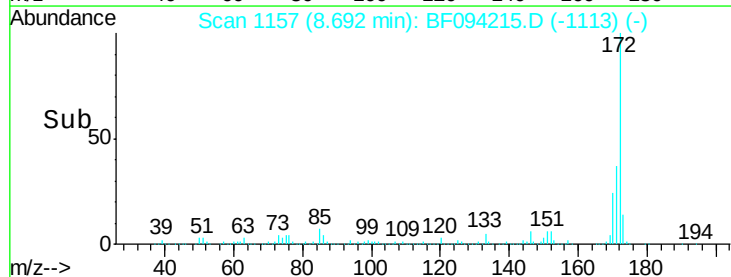
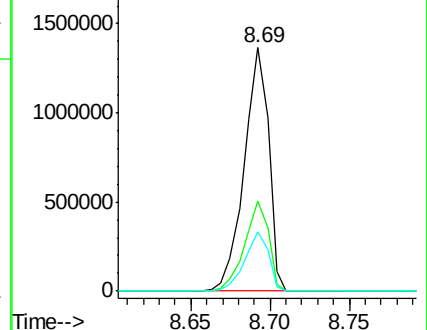
170 24.3 19.8 29.8

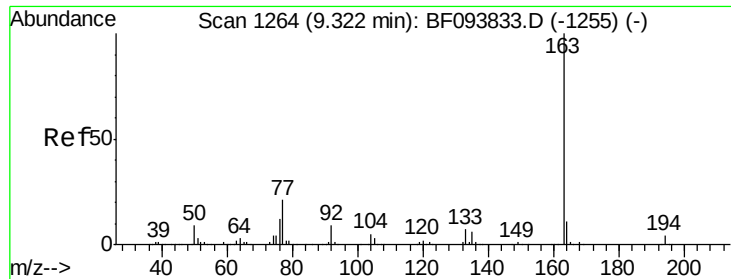


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.94 ng

RT: 9.19 min Scan# 1241

Delta R.T. -0.06 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

Instrument :

BNA_F

ClientSampleId :

E2-BB7-BASE

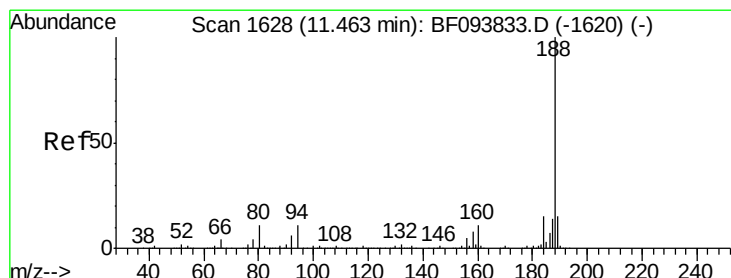
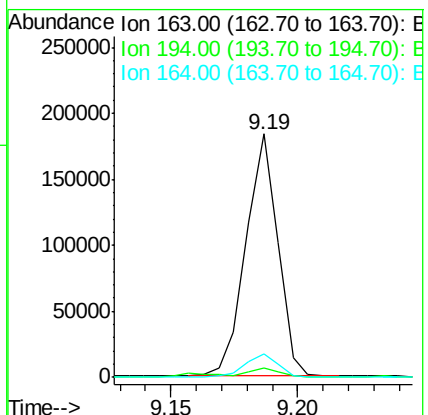
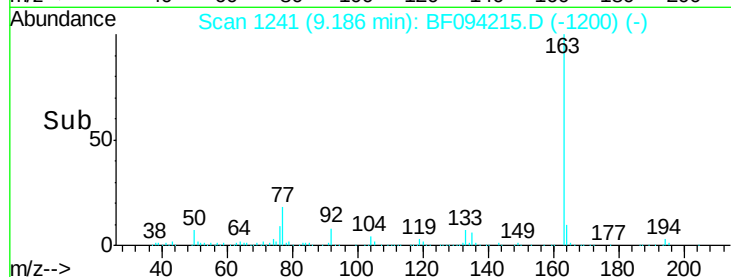
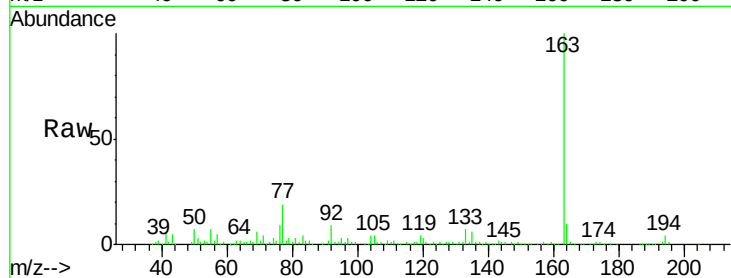
Tot Ion:163 Resp: 161392

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

164 9.9 8.4 12.6



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 1606

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

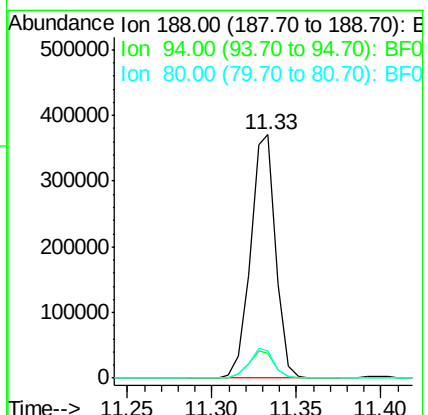
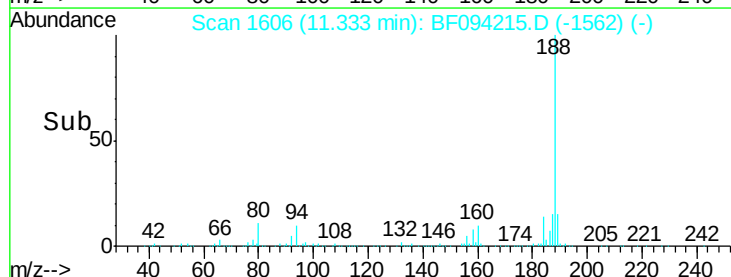
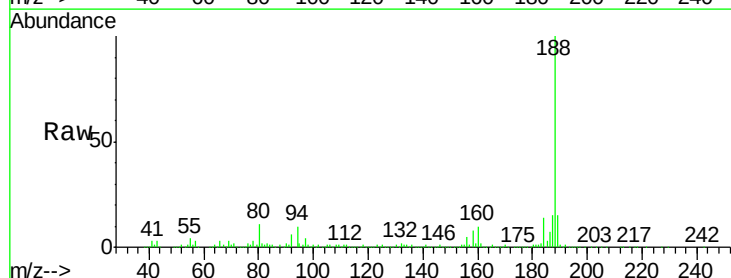
Tgt Ion:188 Resp: 384049

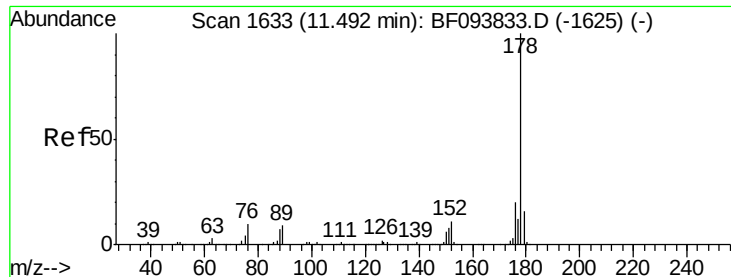
Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

80 11.0 10.2 15.2





#70

Phenanthrene

Concen: 3.37 ng

RT: 11.36 min Scan# 1610

Delta R.T. -0.05 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

Instrument :

BNA_F

ClientSampleId :

E2-BB7-BASE

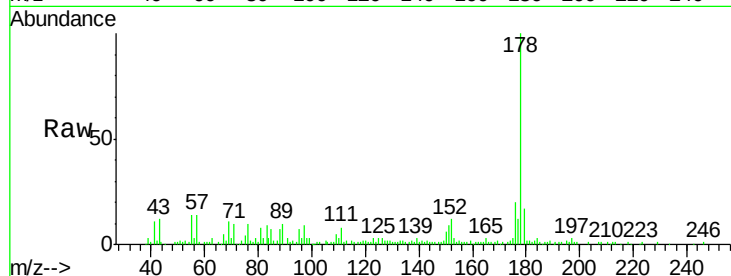
Tot Ion:178 Resp: 72084

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

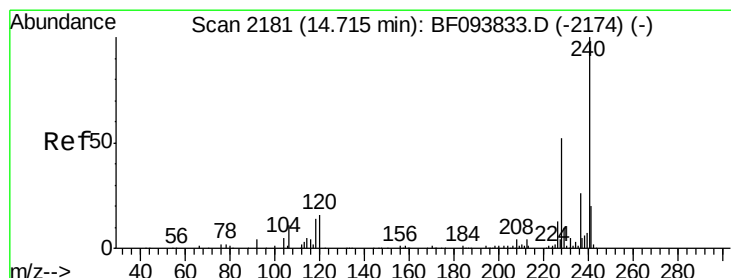
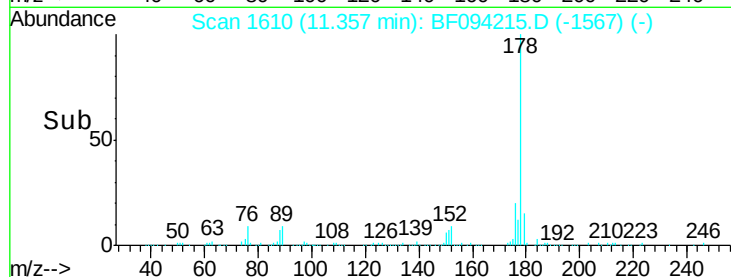
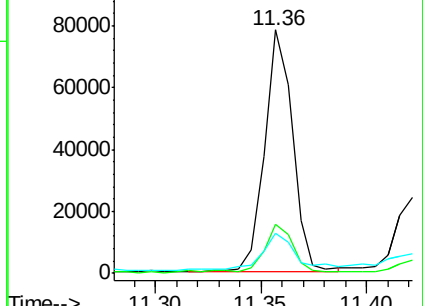
179 16.5 12.6 19.0



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: 14.59 min Scan# 2159

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

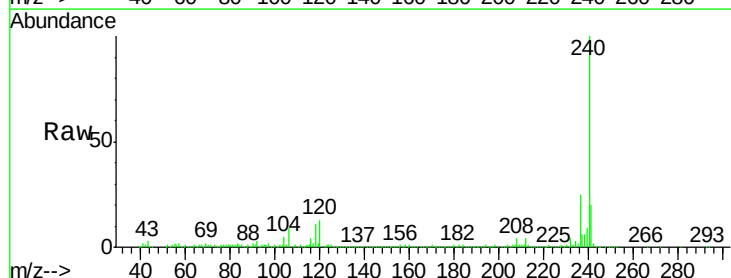
Tgt Ion:240 Resp: 326665

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

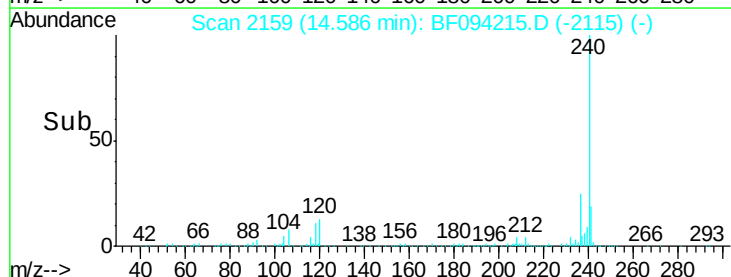
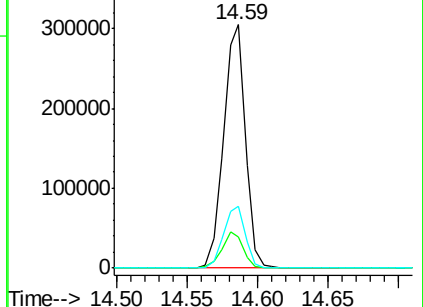
236 25.2 20.5 30.7

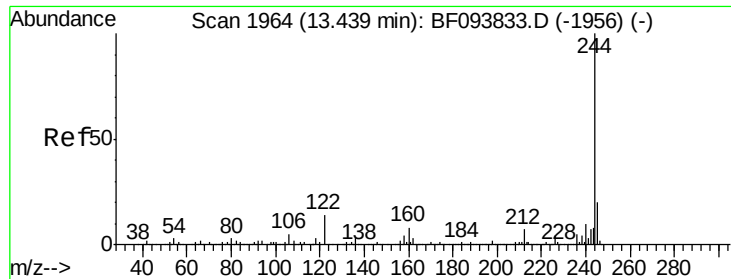


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.39 ng

RT: 13.32 min Scan# 1943

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

Instrument :

BNA_F

ClientSampled :

E2-BB7-BASE

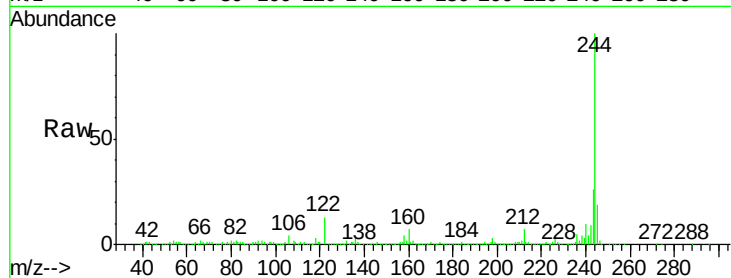
Tot Ion:244 Resp: 894717

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

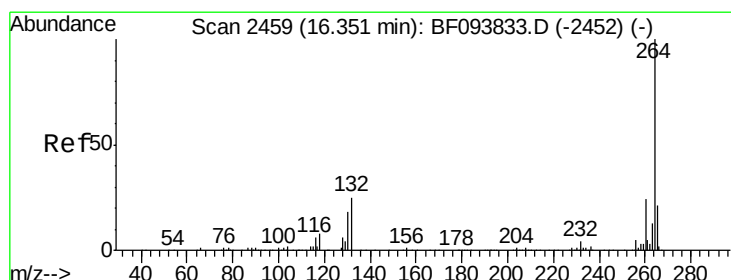
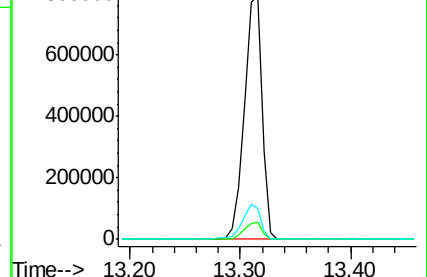
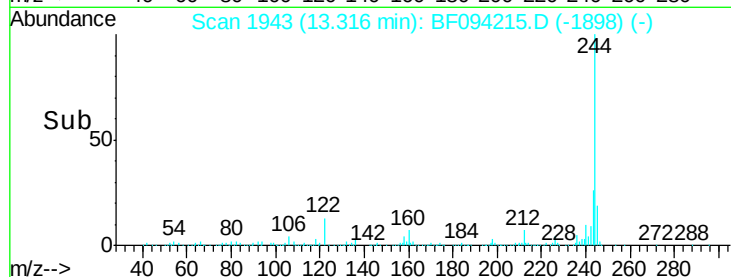
122 13.0 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.21 min Scan# 2435

Delta R.T. -0.04 min

Lab File: BF094215.D

Acq: 6 Apr 2017 4:08

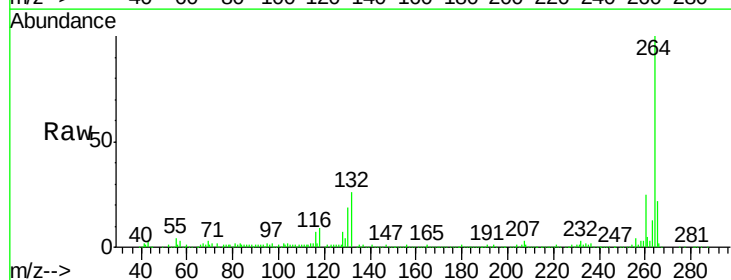
Tgt Ion:264 Resp: 231540

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.8 17.2 25.8



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

