

Data Path : Z:\HPCHEM1\BNA F\Data\BF040617\
 Data File : BF094227.D
 Acq On : 6 Apr 2017 14:44
 Operator : SJ/MA
 Sample : I2511-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-3

Quant Time: Apr 06 15:22:08 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

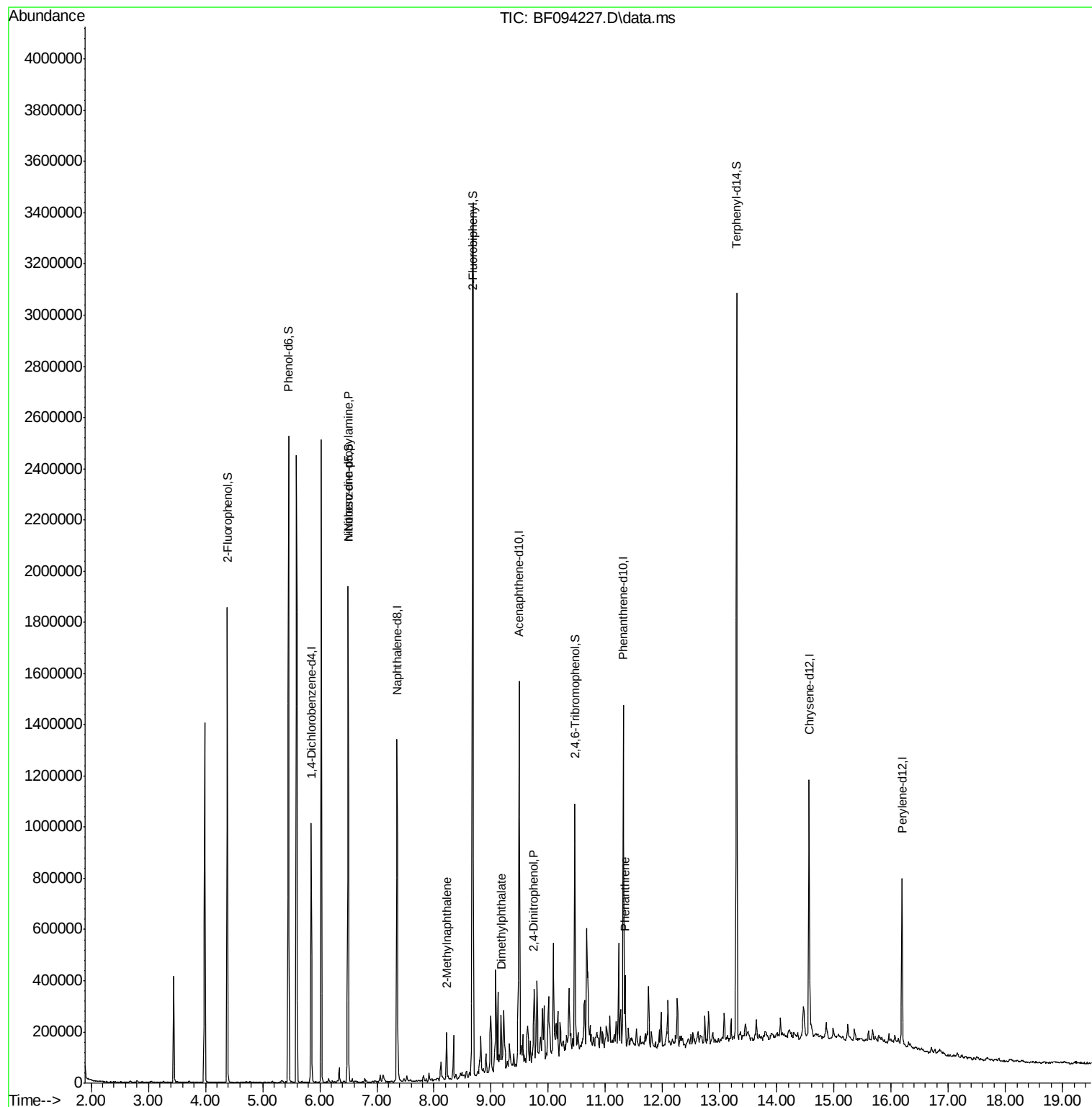
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.851	152	157834	20.00	ng	-0.05
21) Naphthalene-d8	7.351	136	651377	20.00	ng	-0.06
38) Acenaphthene-d10	9.492	164	300069	20.00	ng	-0.06
63) Phenanthrene-d10	11.316	188	529534	20.00	ng	-0.06
75) Chrysene-d12	14.562	240	393160	20.00	ng	-0.06
86) Perylene-d12	16.192	264	273067	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.381	112	530588	56.78	ng	-0.05
7) Phenol-d6	5.457	99	1025292	88.69	ng	-0.05
23) Nitrobenzene-d5	6.498	82	704424	61.72	ng	-0.06
41) 2,4,6-Tribromophenol	10.463	330	106581	44.95	ng	-0.06
44) 2-Fluorobiphenyl	8.680	172	1310124	66.59	ng	-0.05
78) Terphenyl-d14	13.298	244	1084081	61.81	ng	-0.05
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	6.498	70	93126	12.53	ng	# 78
37) 2-Methylnaphthalene	8.222	142	56759	2.72	ng	97
49) Dimethylphthalate	9.174	163	100067	4.69	ng	100
53) 2,4-Dinitrophenol	9.745	184	112	4.70	ng	# 1
70) Phenanthrene	11.339	178	86950	2.95	ng	98

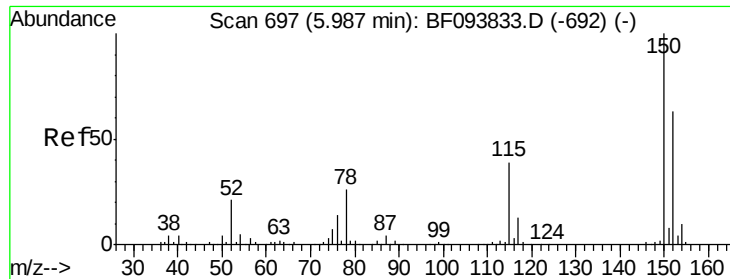
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.851 min Scan# 67

Delta R.T. -0.053 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-3

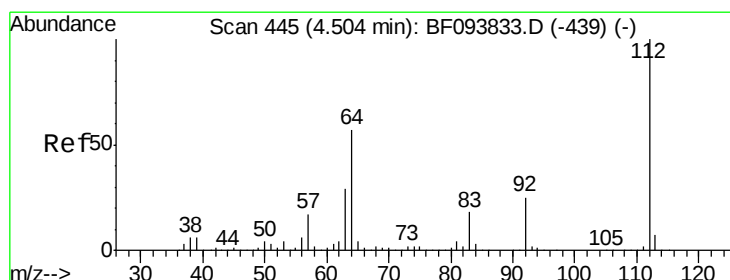
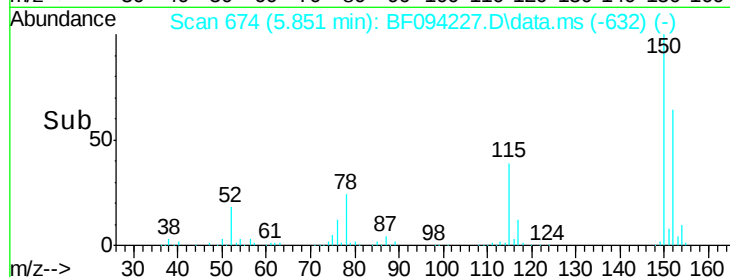
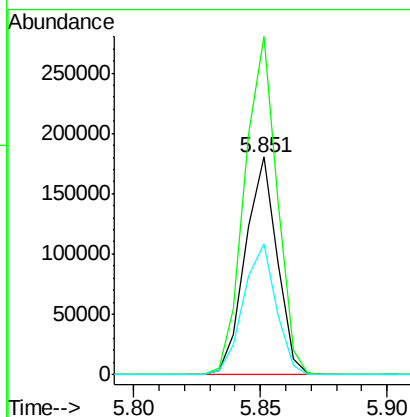
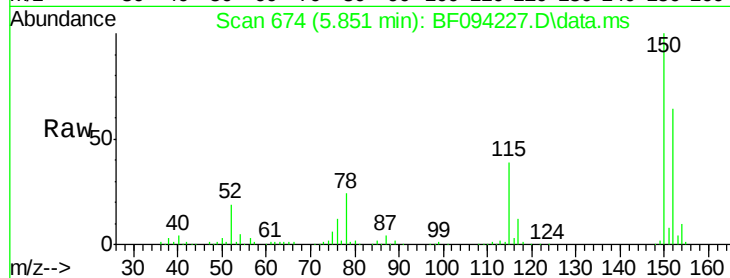
Tot Ion:152 Resp: 157834

Ion Ratio Lower Upper

152 100

150 155.3 126.2 189.2

115 59.8 52.2 78.2



#5

2-Fluorophenol

Concen: 56.78 ng

RT: 4.381 min Scan# 424

Delta R.T. -0.053 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

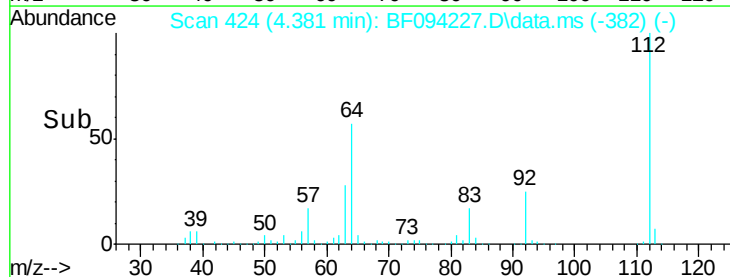
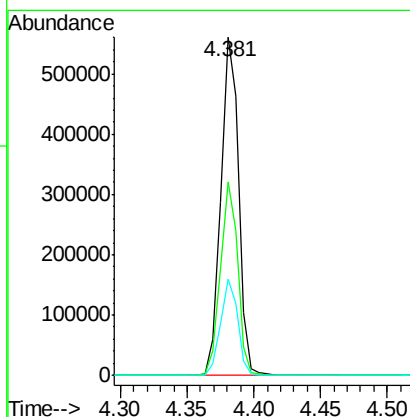
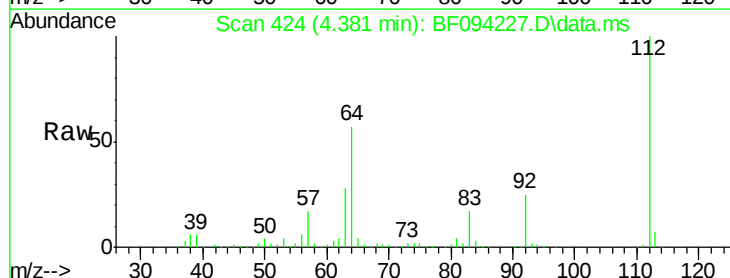
Tgt Ion:112 Resp: 530588

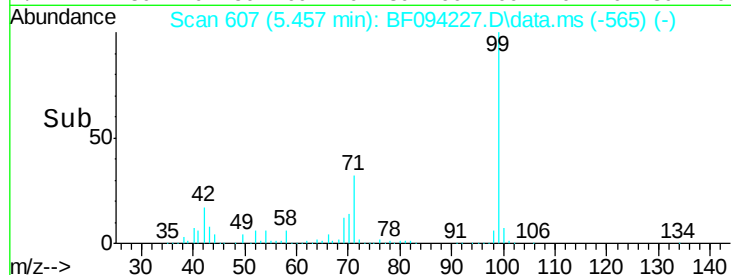
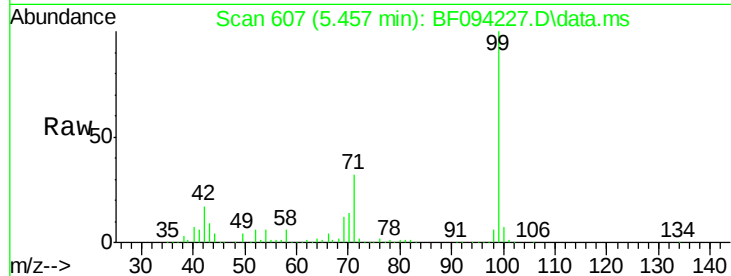
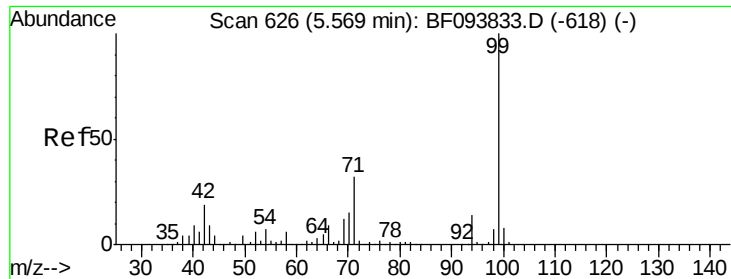
Ion Ratio Lower Upper

112 100

64 57.2 46.0 69.0

63 28.5 23.4 35.0





#7

Phenol-d6

Concen: 88.69 ng

RT: 5.457 min Scan# 607

Delta R.T. -0.053 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-3

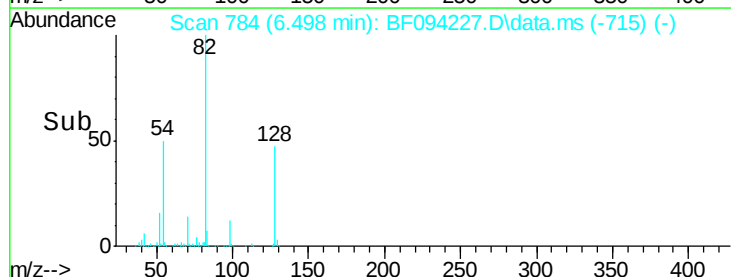
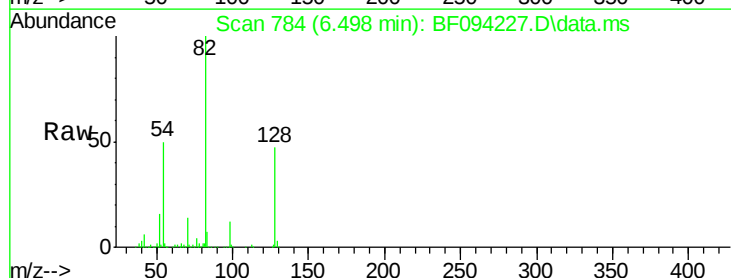
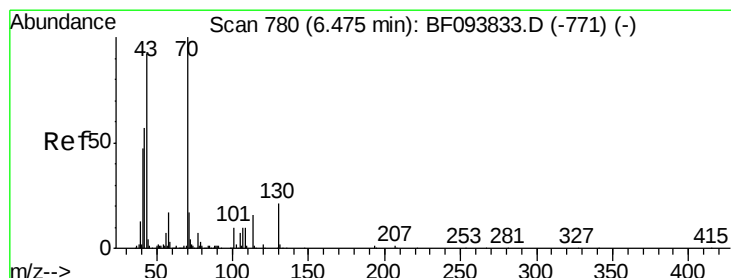
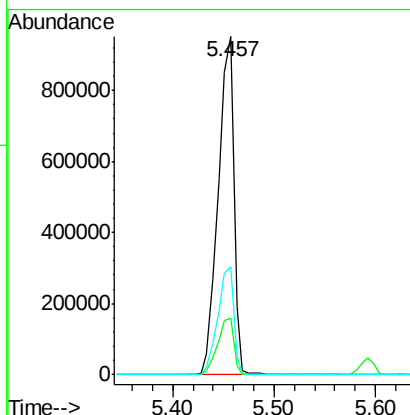
Tot Ion: 99 Resp: 1025292

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 32.0 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.53 ng

RT: 6.498 min Scan# 784

Delta R.T. 0.106 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

Tgt Ion: 70 Resp: 93126

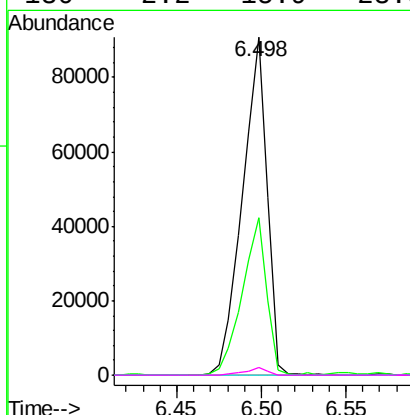
Ion Ratio Lower Upper

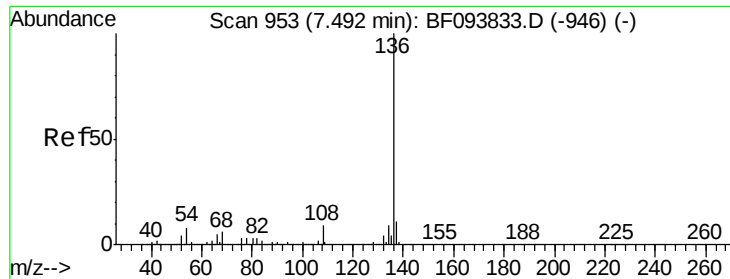
70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.351 min Scan# 92

Delta R.T. -0.059 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-3

Tot Ion:136 Resp: 651377

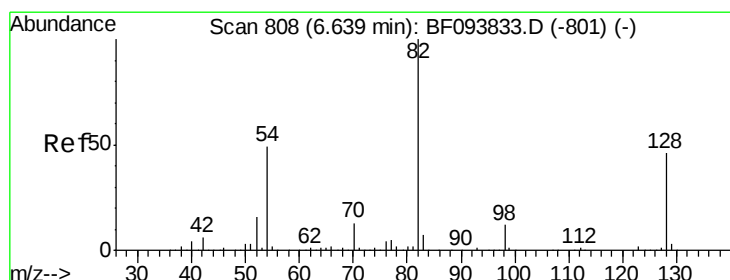
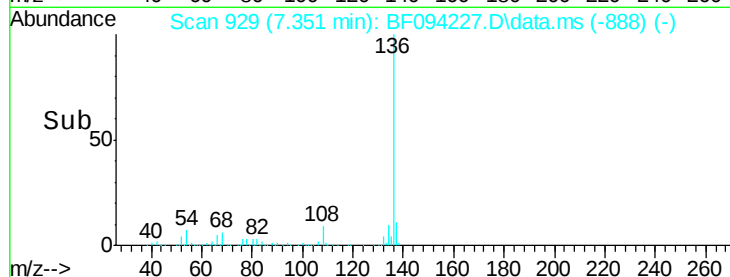
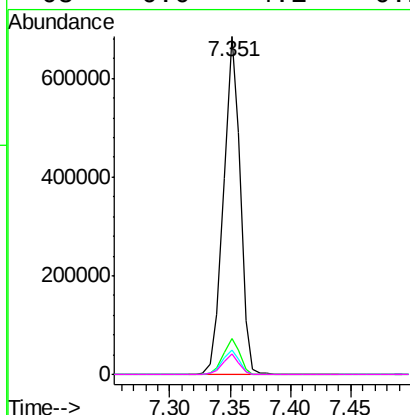
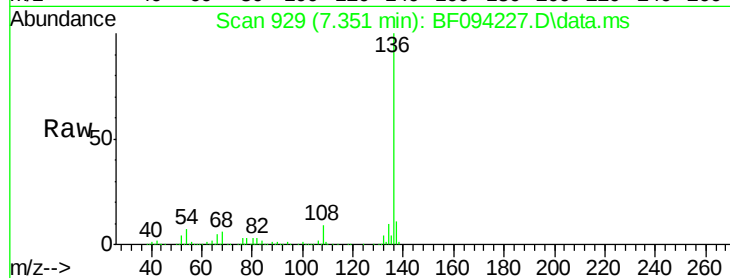
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 6.0 4.1 6.1



#23

Nitrobenzene-d5

Concen: 61.72 ng

RT: 6.498 min Scan# 784

Delta R.T. -0.059 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

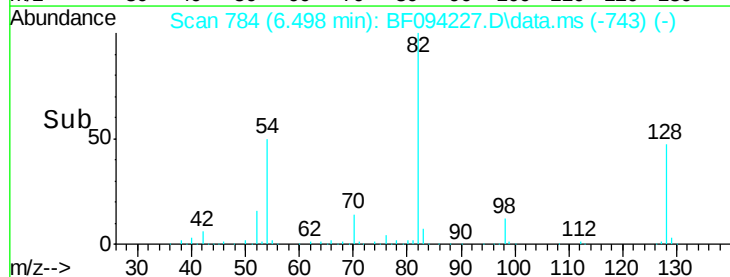
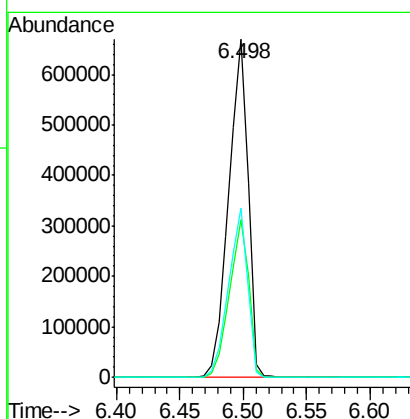
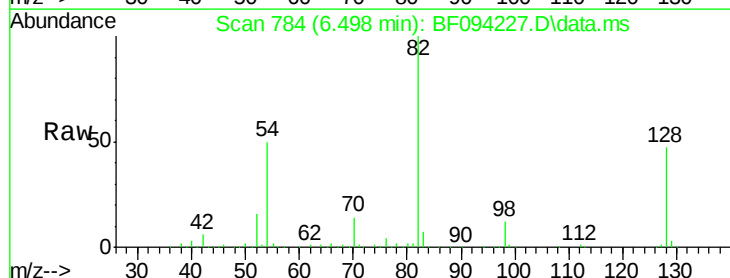
Tgt Ion: 82 Resp: 704424

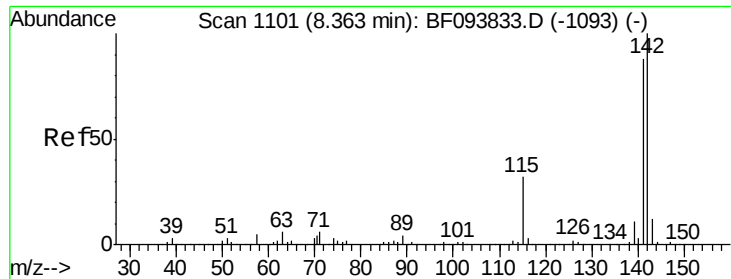
Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

54 49.9 42.2 63.2

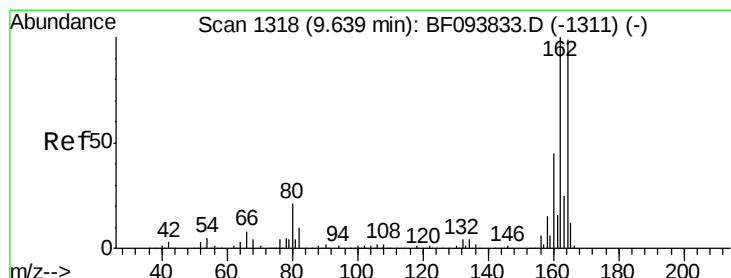
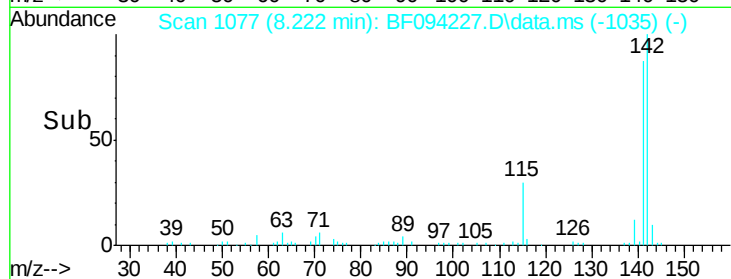
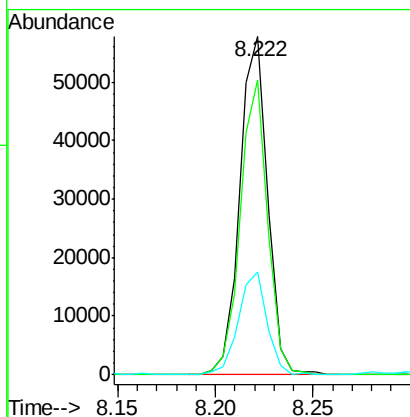
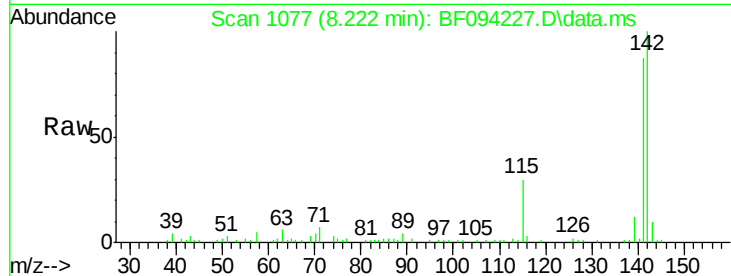




#37
 2-Methylnaphthalene
 Concen: 2.72 ng
 RT: 8.222 min Scan# 10
 Delta R.T. -0.053 min
 Lab File: BF094227.D
 Acq: 6 Apr 2017 14:44

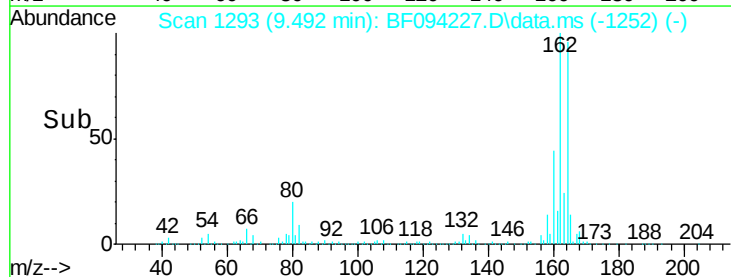
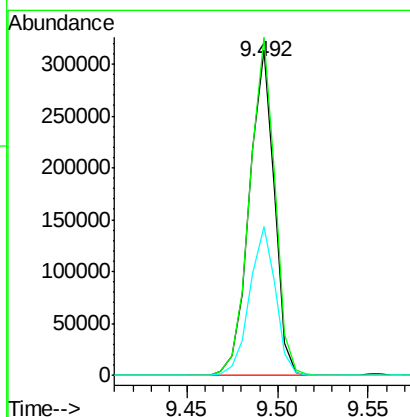
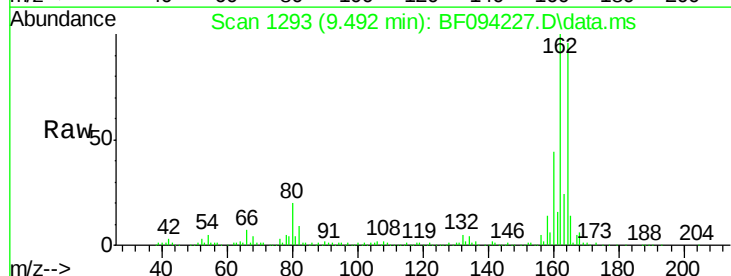
Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-3

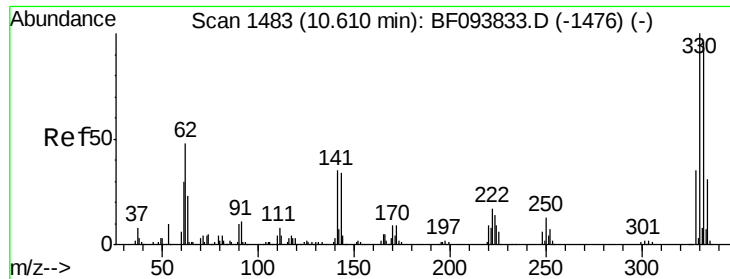
Tot Ion:142 Resp: 56759
 Ion Ratio Lower Upper
 142 100
 141 87.2 71.3 106.9
 115 30.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.492 min Scan# 1293
 Delta R.T. -0.059 min
 Lab File: BF094227.D
 Acq: 6 Apr 2017 14:44

Tgt Ion:164 Resp: 300069
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 45.8 36.2 54.2

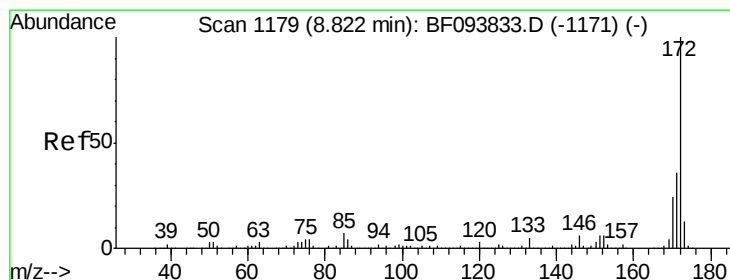
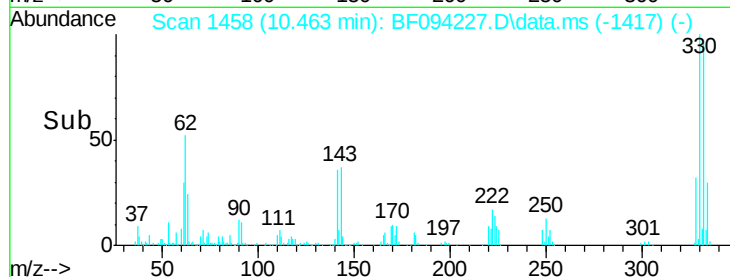
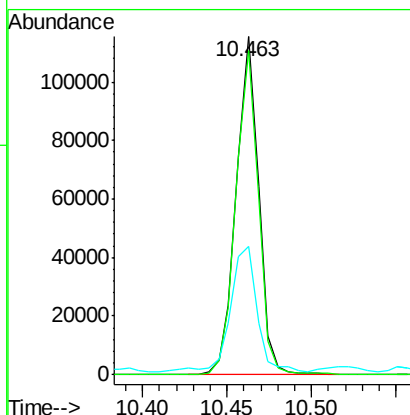
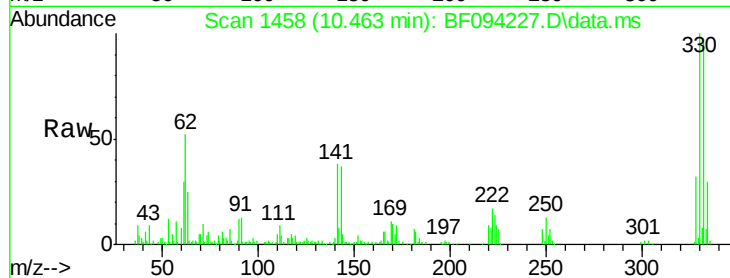




#41
 2,4,6-Tribromophenol
 Concen: 44.95 ng
 RT: 10.463 min Scan# 1483
 Delta R.T. -0.059 min
 Lab File: BF094227.D
 Acq: 6 Apr 2017 14:44

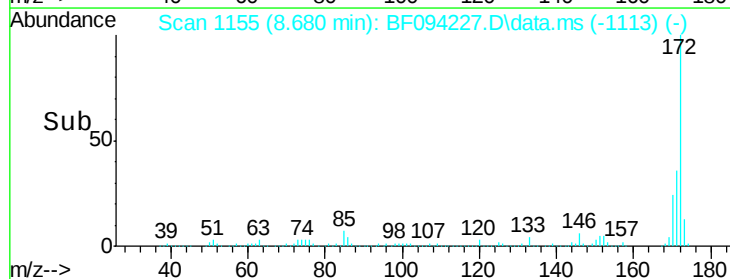
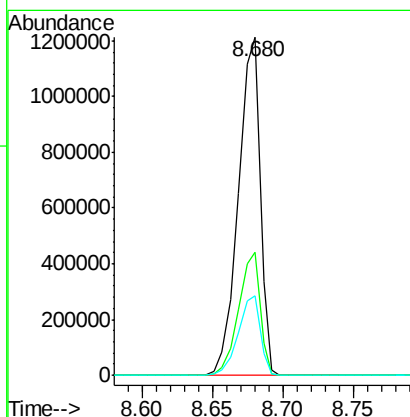
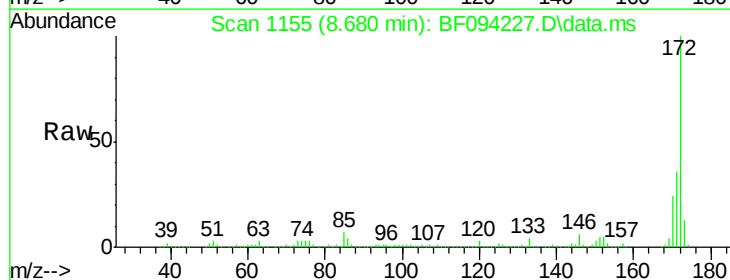
Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-3

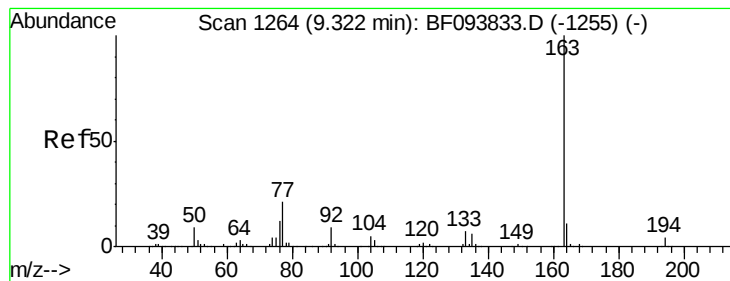
Tot Ion:330 Resp: 106581
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 43.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 66.59 ng
 RT: 8.680 min Scan# 1155
 Delta R.T. -0.053 min
 Lab File: BF094227.D
 Acq: 6 Apr 2017 14:44

Tgt Ion:172 Resp: 1310124
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.6 19.8 29.8





#49

Dimethylphthalate

Concen: 4.69 ng

RT: 9.174 min Scan# 1264

Delta R.T. -0.071 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-3

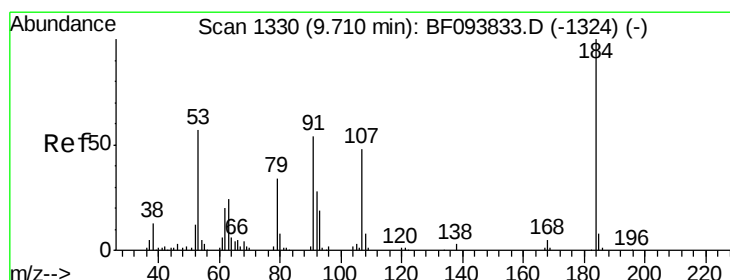
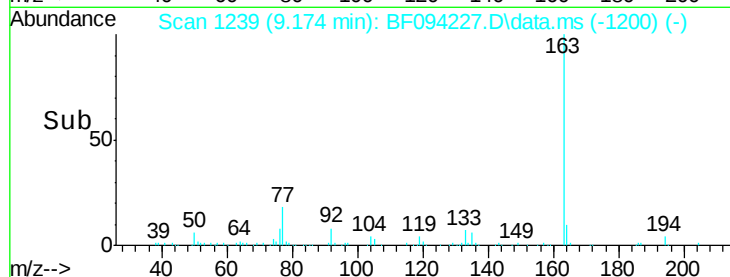
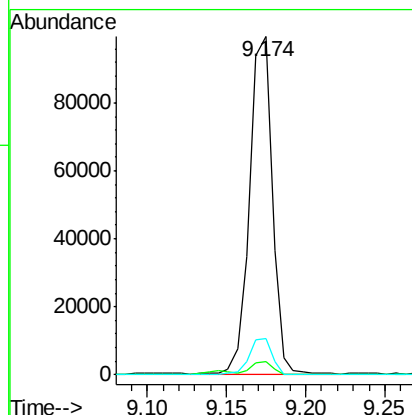
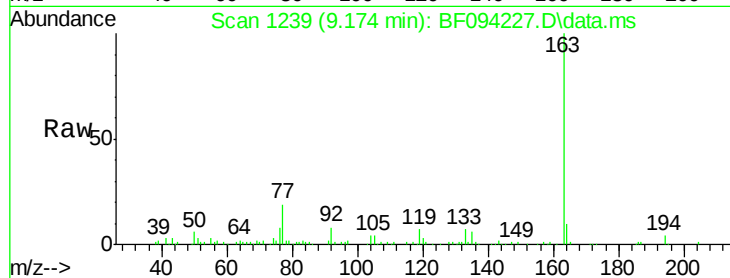
Tot Ion:163 Resp: 100067

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

164 10.5 8.4 12.6



#53

2,4-Dinitrophenol

Concen: 4.70 ng

RT: 9.745 min Scan# 1336

Delta R.T. 0.106 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

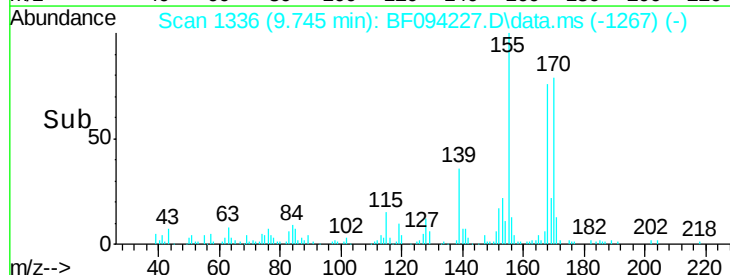
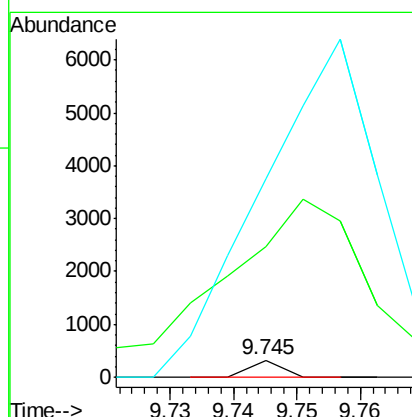
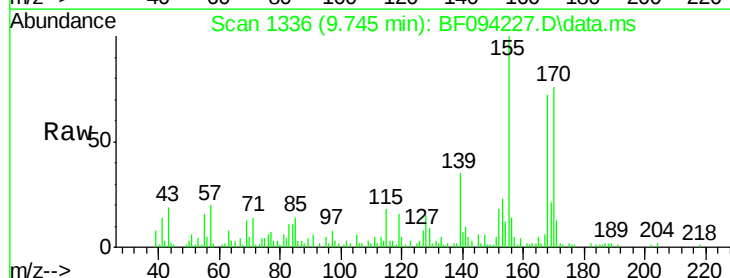
Tgt Ion:184 Resp: 112

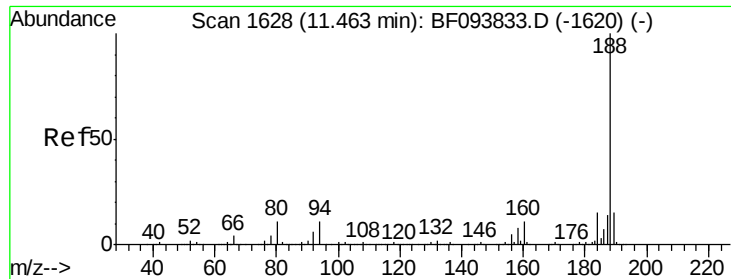
Ion Ratio Lower Upper

184 100

63 775.8 62.7 94.1#

154 1179.6 81.1 121.7#

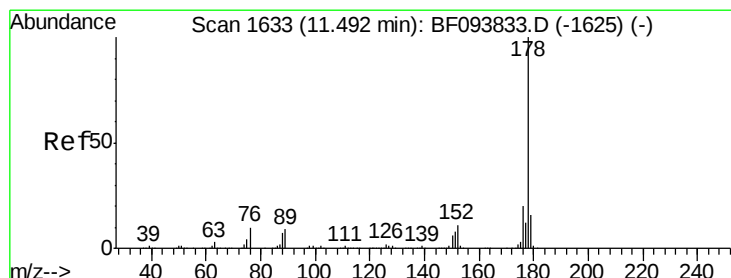
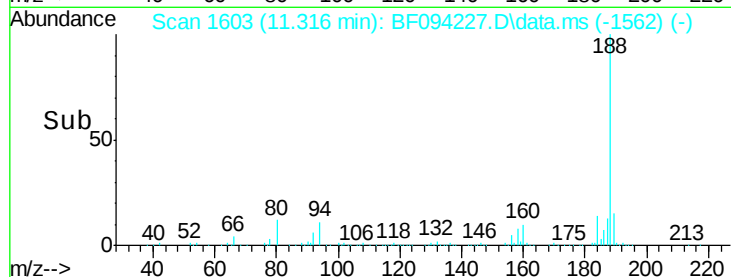
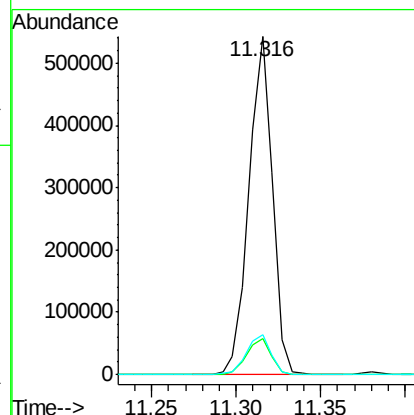
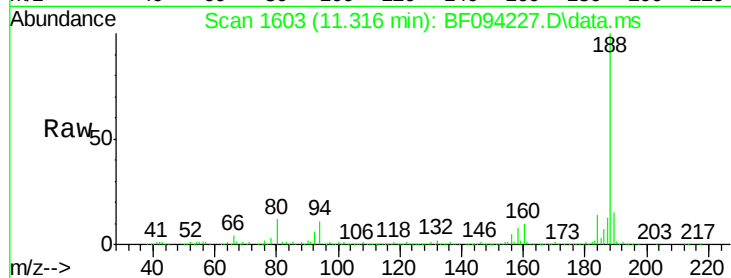




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.316 min Scan# 1603
Delta R.T. -0.059 min
Lab File: BF094227.D
Acq: 6 Apr 2017 14:44

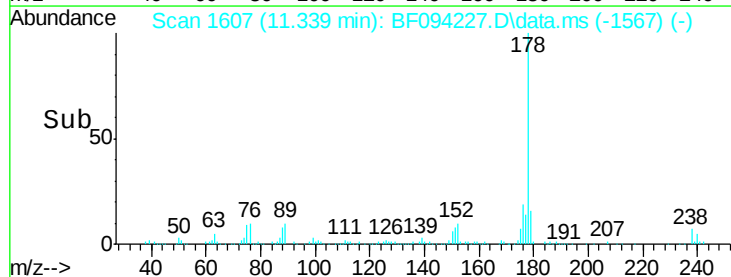
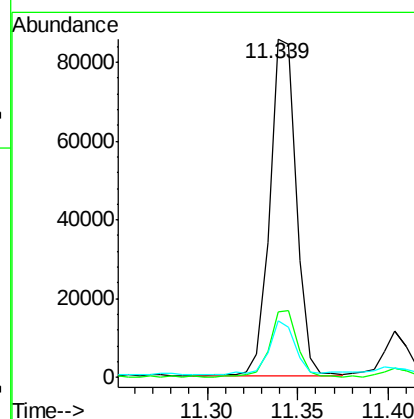
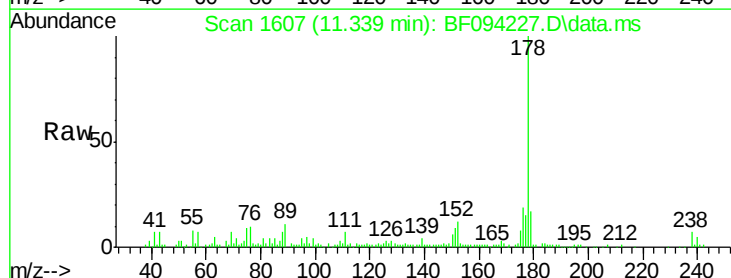
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-3

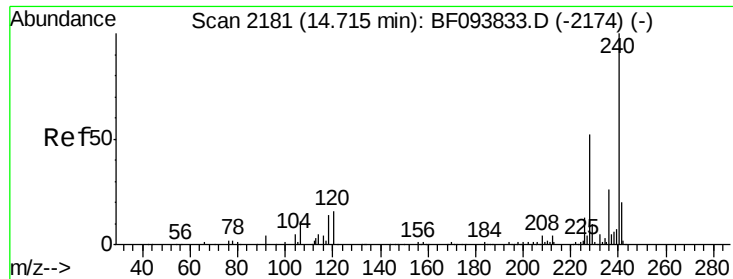
Tot Ion:188 Resp: 529534
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.8 10.2 15.2



#70
Phenanthrene
Concen: 2.95 ng
RT: 11.339 min Scan# 1607
Delta R.T. -0.065 min
Lab File: BF094227.D
Acq: 6 Apr 2017 14:44

Tgt Ion:178 Resp: 86950
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 16.7 12.6 19.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.562 min Scan# 21

Delta R.T. -0.065 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-3

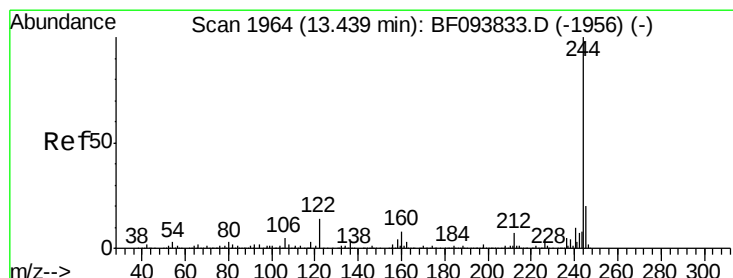
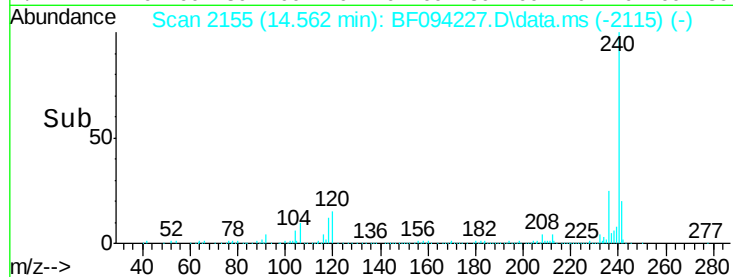
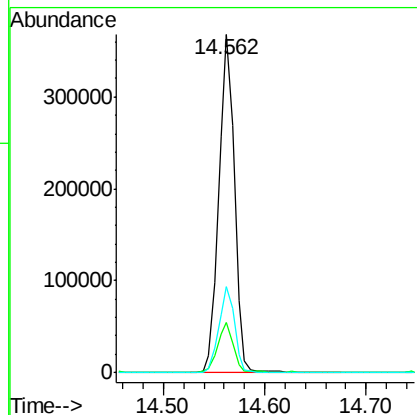
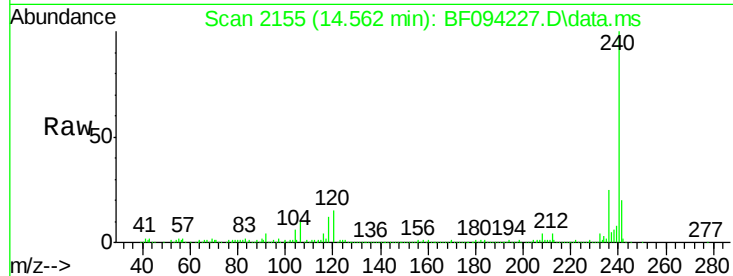
Tot Ion:240 Resp: 393160

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

236 25.5 20.5 30.7



#78

Terphenyl-d14

Concen: 61.81 ng

RT: 13.298 min Scan# 1940

Delta R.T. -0.053 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

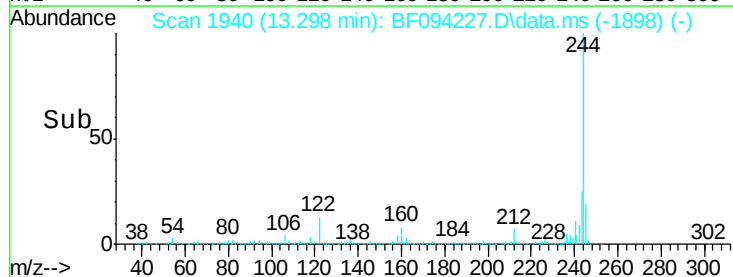
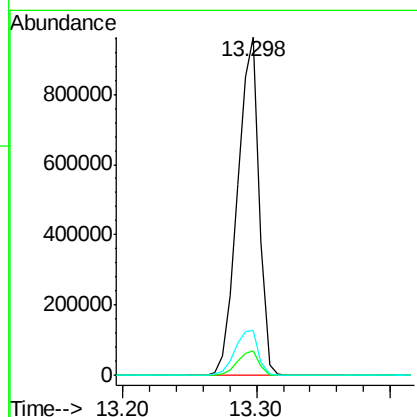
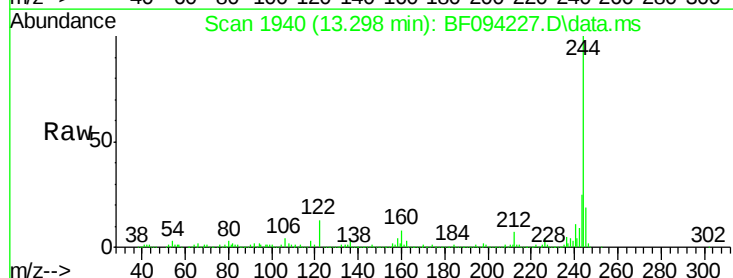
Tgt Ion:244 Resp: 1084081

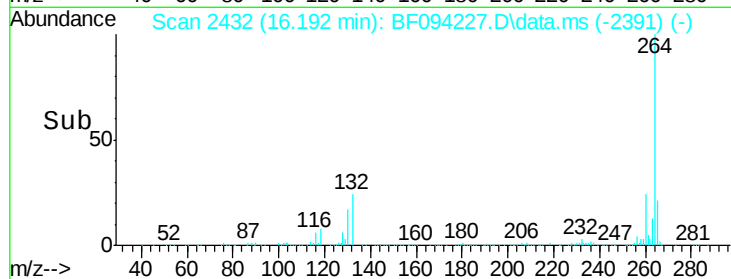
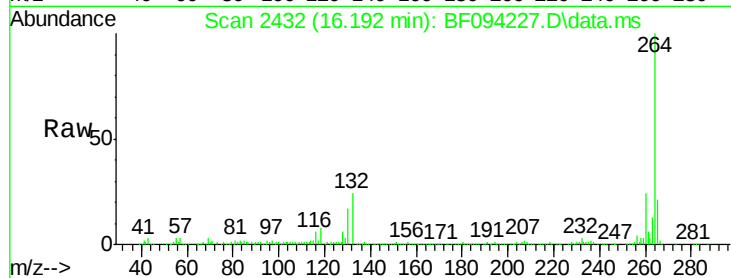
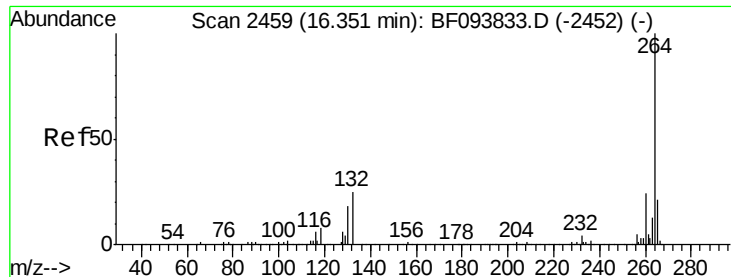
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 13.4 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.192 min Scan# 24
Delta R.T. -0.059 min
Lab File: BF094227.D
Acq: 6 Apr 2017 14:44

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.0	17.2	25.8

