

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095635.D
 Acq On : 2 Jun 2017 15:48
 Operator : SJ/MA
 Sample : I3415-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-12

Quant Time: Jun 05 08:20:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

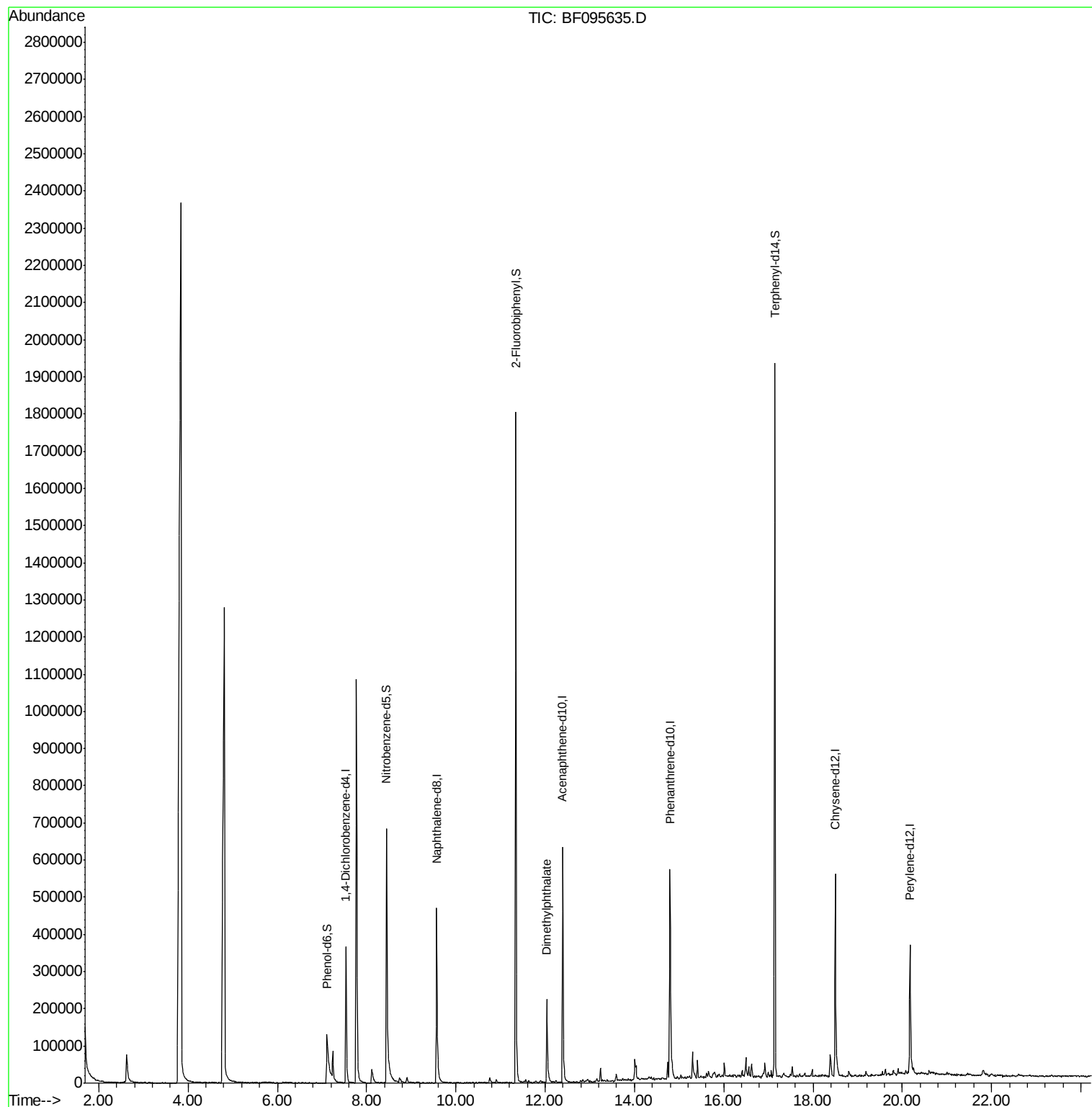
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	93090	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	383372	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	180993	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	353450	20.00	ng	0.00
75) Chrysene-d12	18.50	240	277211	20.00	ng	0.00
86) Perylene-d12	20.17	264	198660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	7.12	99	173525	25.90	ng	0.02
23) Nitrobenzene-d5	8.45	82	422449	69.49	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.35	172	861271	68.49	ng	0.00
78) Terphenyl-d14	17.14	244	728914	57.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.04	163	171627	11.55	ng	Qvalue 98

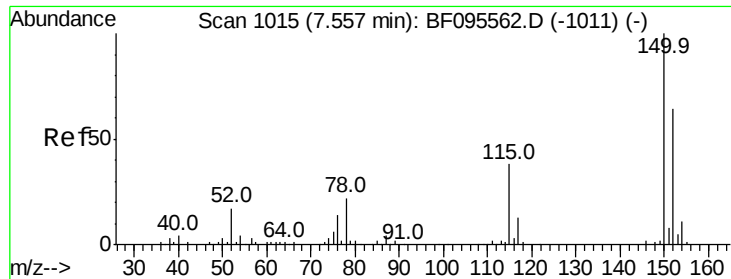
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

Instrument :

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E2-CONCRETE-BATCH-12

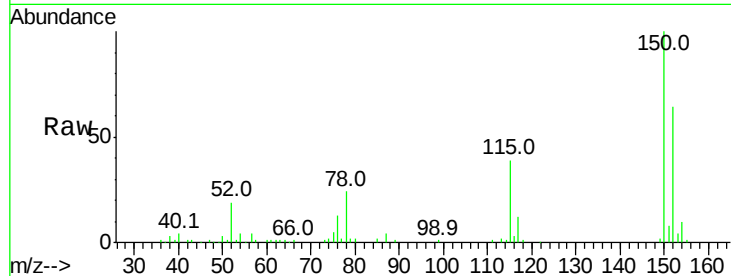
Tot Ion:152 Resp: 93090

Ion Ratio Lower Upper

152 100

150 156.9 126.2 189.2

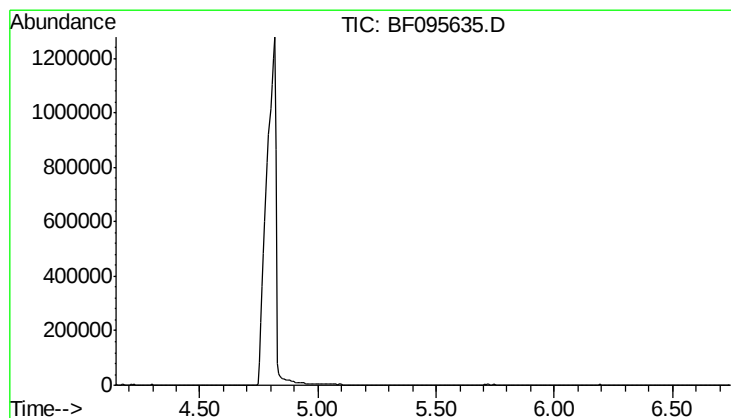
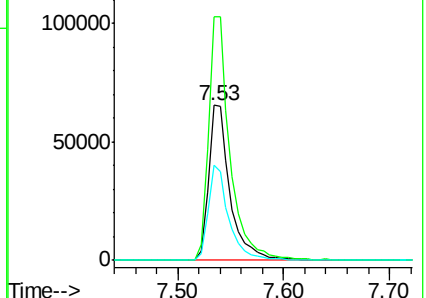
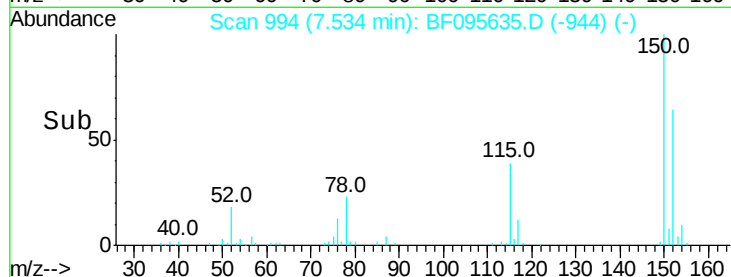
115 61.2 52.2 78.2



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: 0.00 ng

Expected RT: 5.45 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

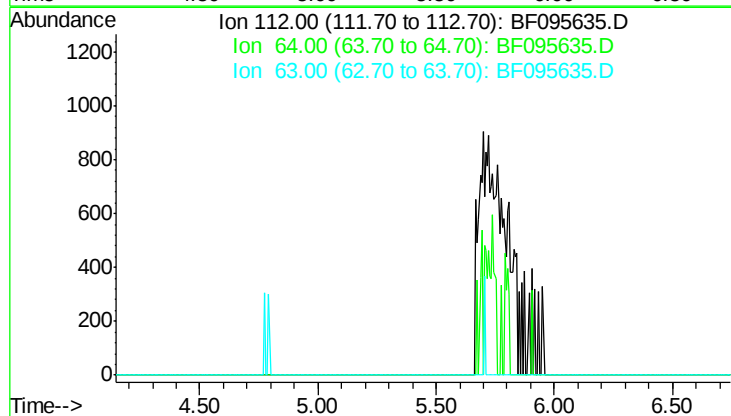
Tgt Ion: 112

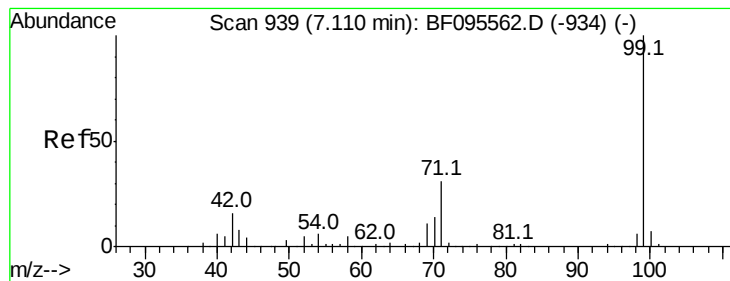
Sig Exp Ratio

112 100

64 57.5

63 29.2





#7

Phenol-d6

Concen: 25.90 ng

RT: 7.12 min Scan# 923

Delta R.T. 0.02 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-12

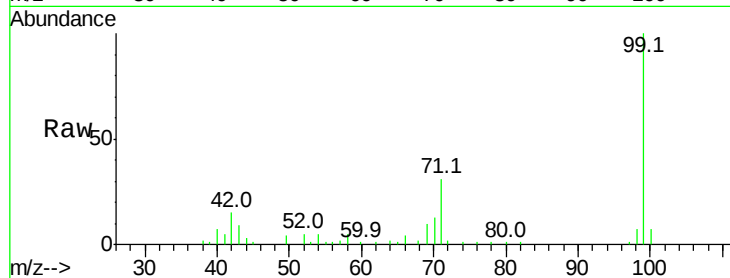
Tot Ion: 99 Resp: 173525

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

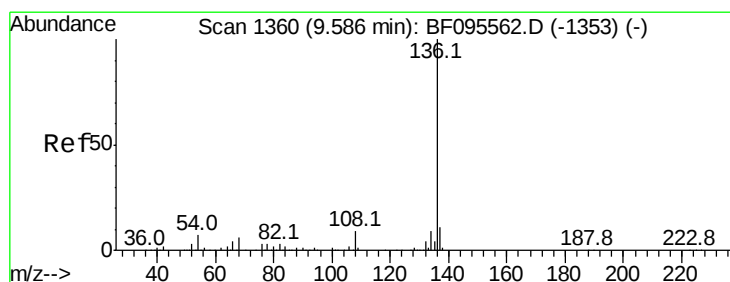
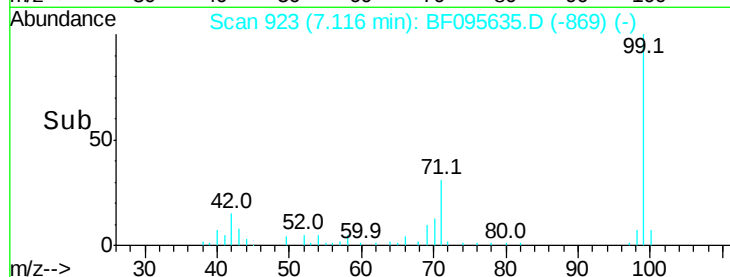
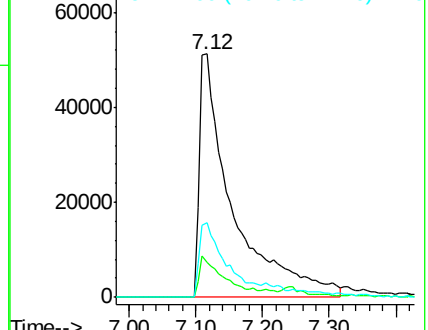
71 30.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

Tgt Ion:136 Resp: 383372

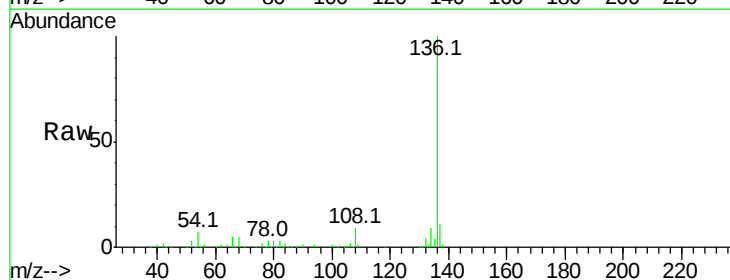
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3

68 5.4 4.1 6.1

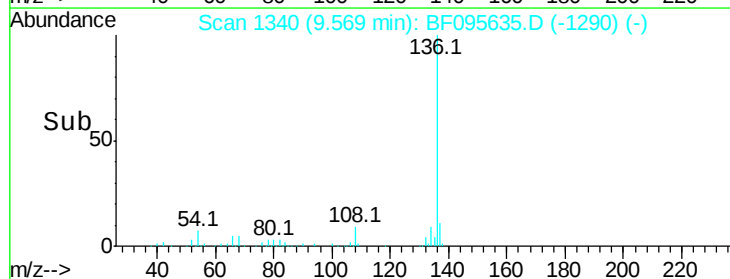
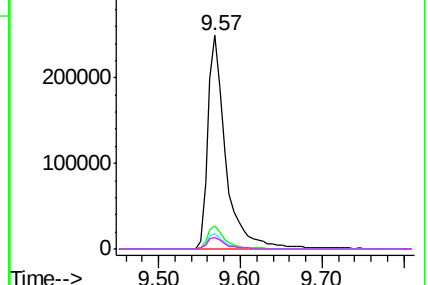


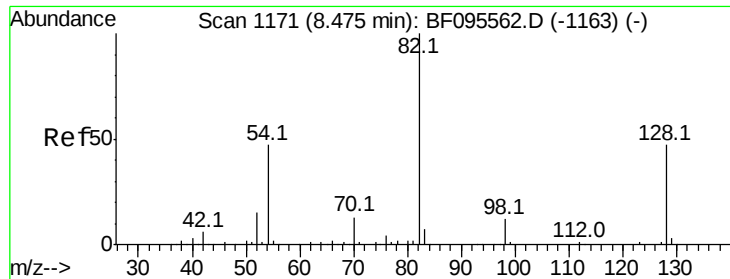
Abundance Ion 136.00 (135.70 to 136.70): E

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

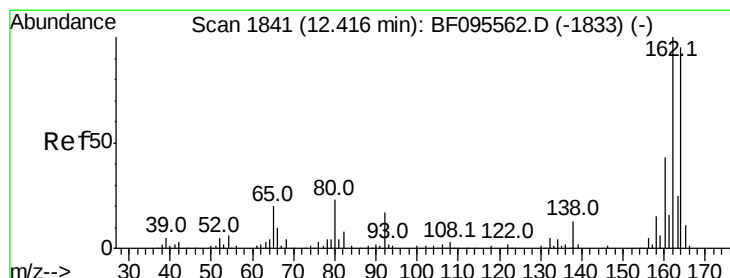
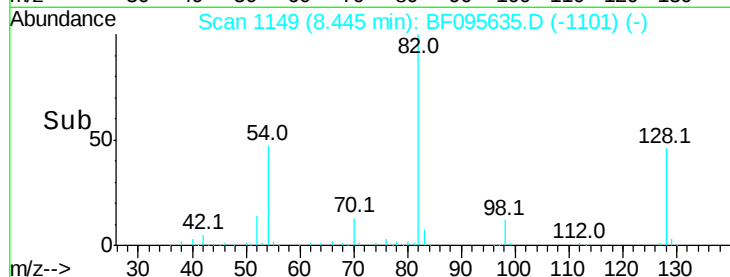
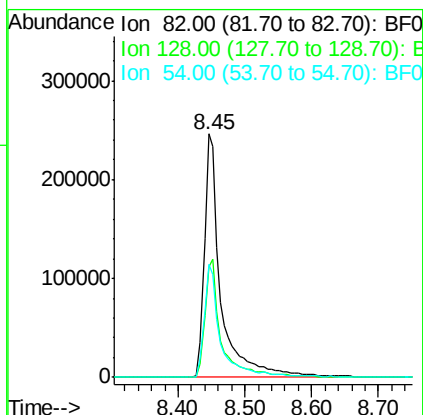
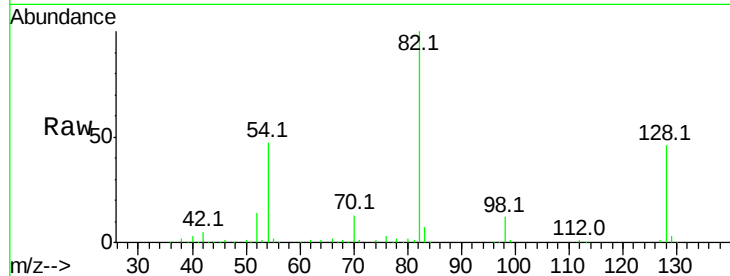




#23
Nitrobenzene-d5
Concen: 69.49 ng
RT: 8.45 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF095635.D
Acq: 2 Jun 2017 15:48

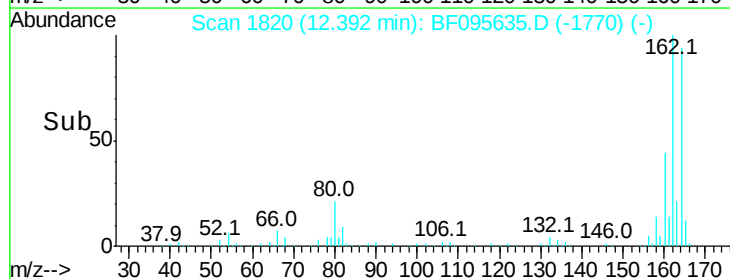
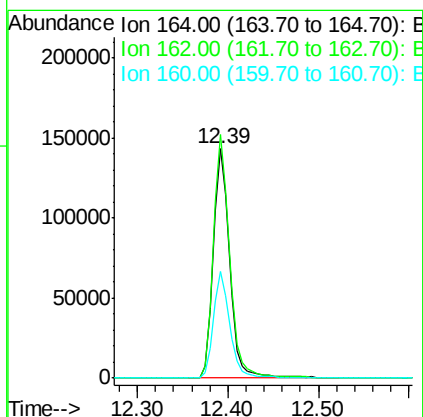
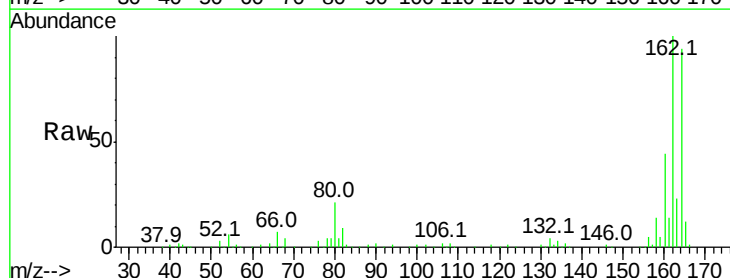
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-12

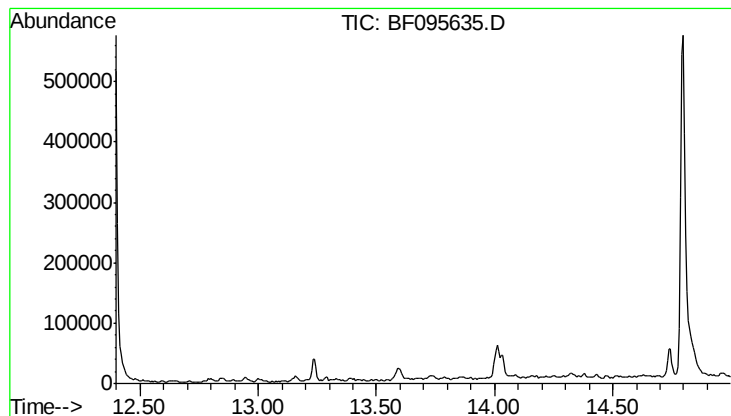
Tot Ion: 82 Resp: 422449
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 46.6 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095635.D
Acq: 2 Jun 2017 15:48

Tgt Ion:164 Resp: 180993
Ion Ratio Lower Upper
164 100
162 106.2 82.6 123.8
160 46.3 36.2 54.2

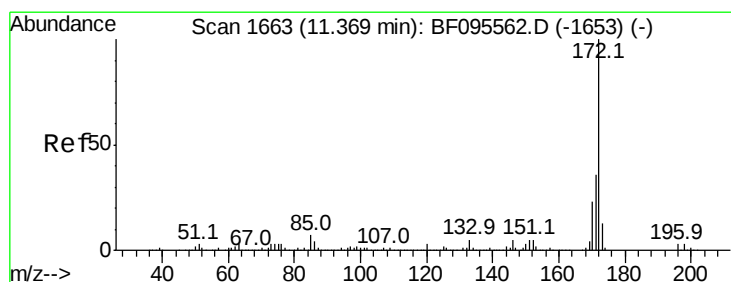
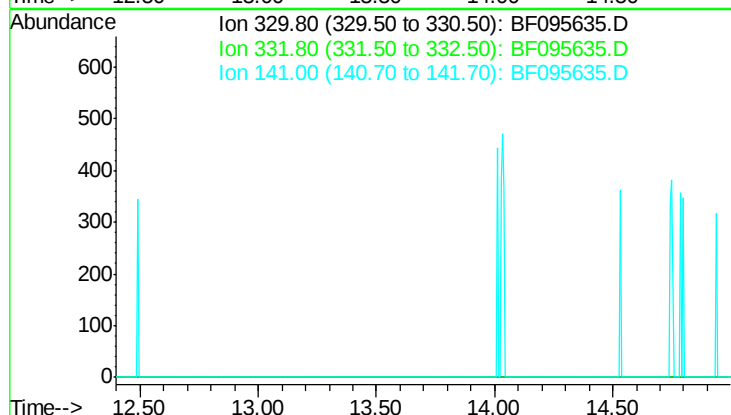




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 13.70 min
 Lab File: BF095635.D
 Acq: 2 Jun 2017 15:48

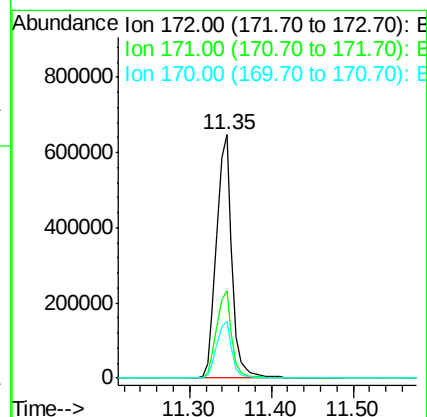
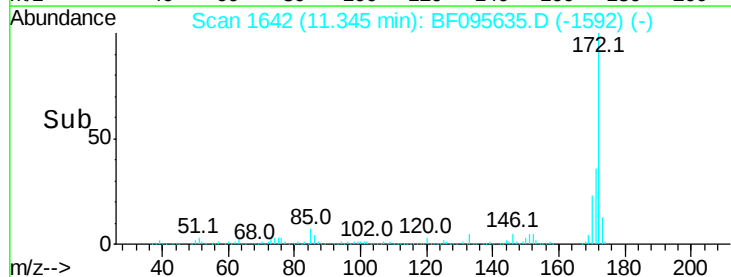
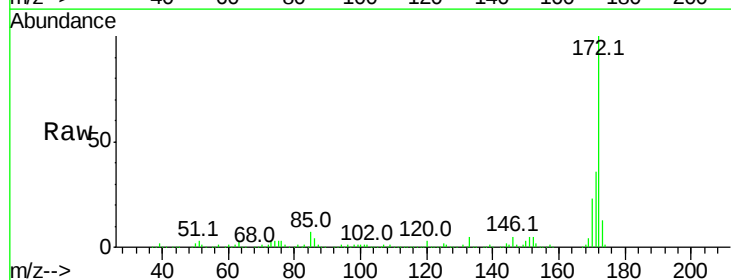
Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-12

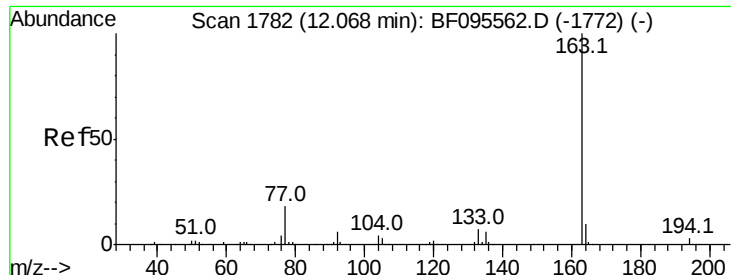
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 68.49 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095635.D
 Acq: 2 Jun 2017 15:48

Tgt Ion: 172 Resp: 861271
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.2 19.8 29.8





#49

Dimethylphthalate

Concen: 11.55 ng

RT: 12.04 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-12

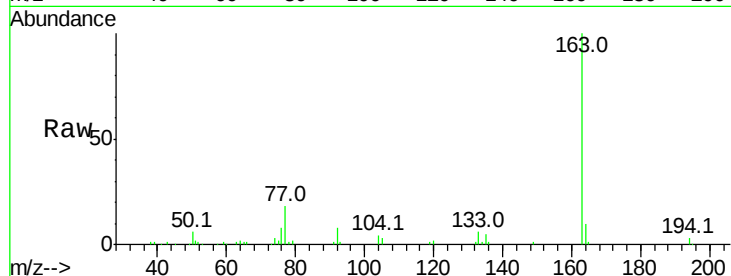
Tot Ion:163 Resp: 171627

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

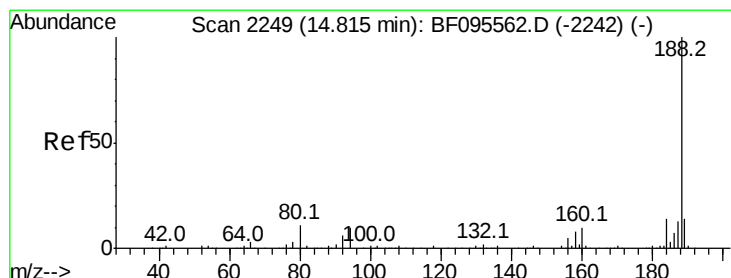
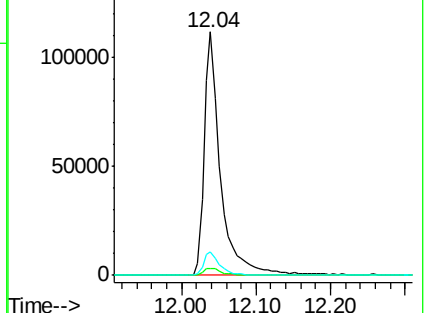
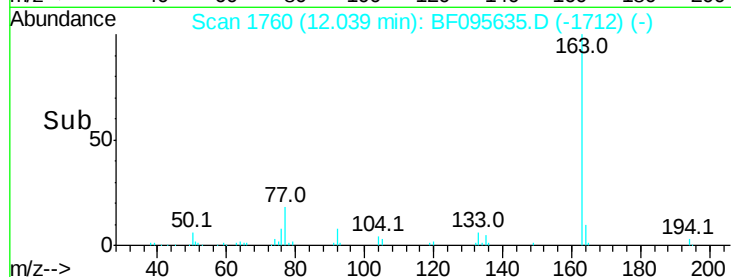
164 9.8 8.4 12.6



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: 14.80 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

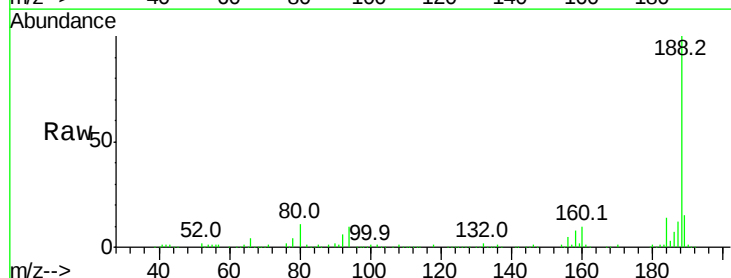
Tgt Ion:188 Resp: 353450

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

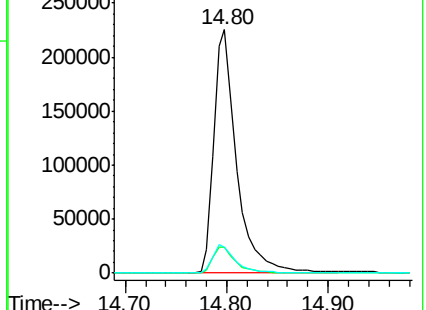
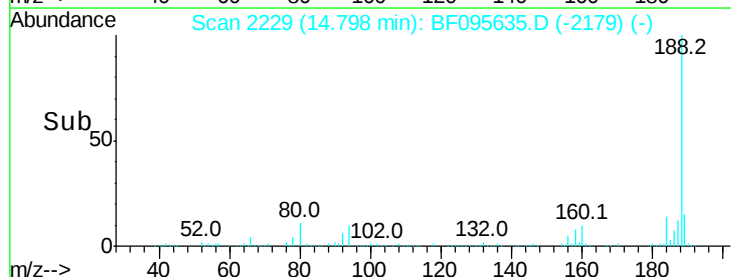
80 10.8 10.2 15.2

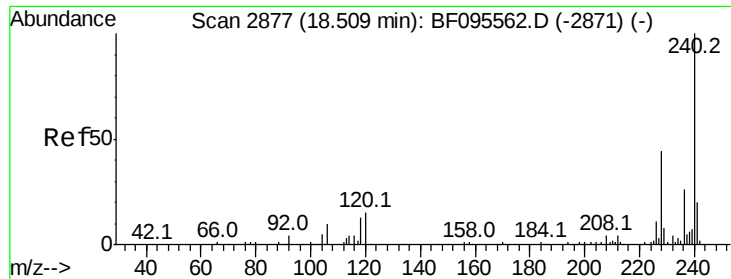


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.50 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-12

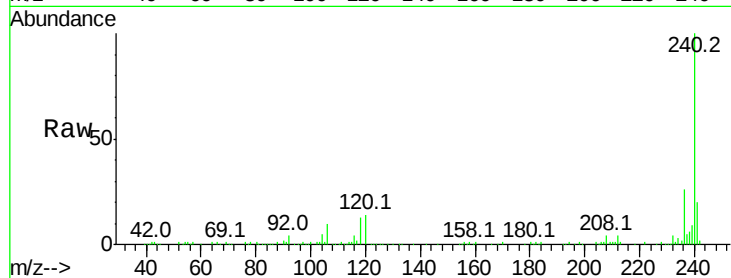
Tot Ion:240 Resp: 277211

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

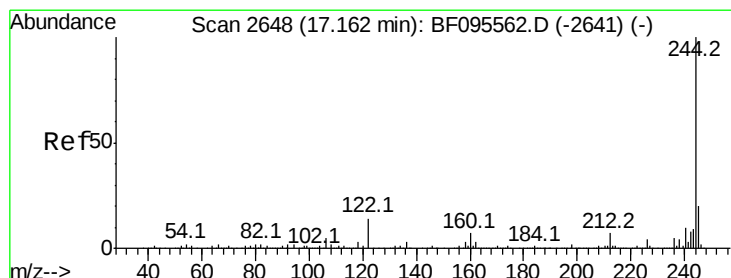
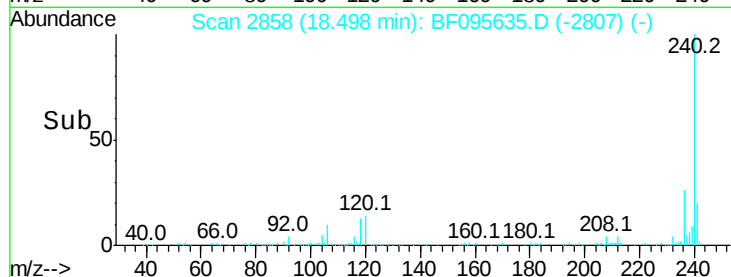
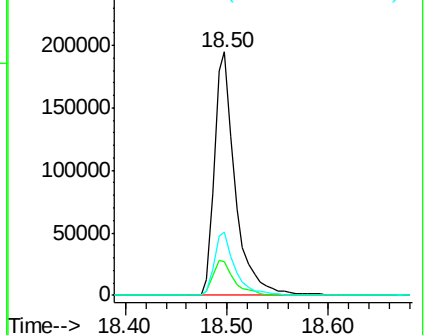
236 26.2 20.5 30.7



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: 57.92 ng

RT: 17.14 min Scan# 2628

Delta R.T. -0.01 min

Lab File: BF095635.D

Acq: 2 Jun 2017 15:48

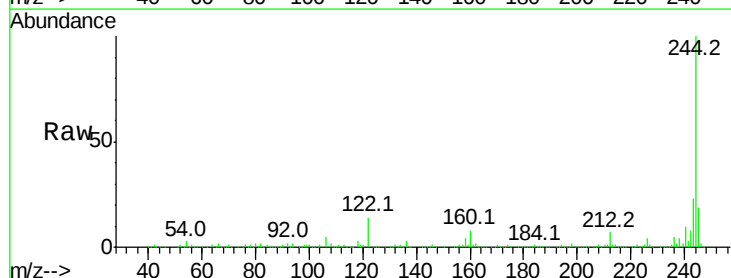
Tgt Ion:244 Resp: 728914

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

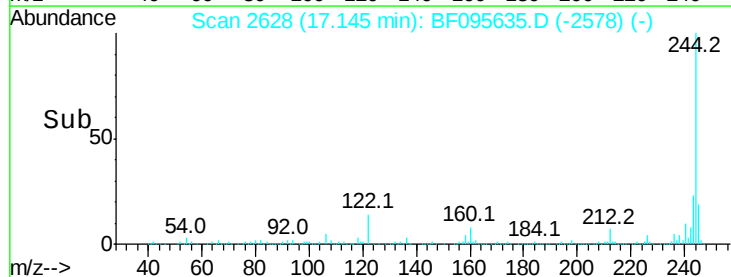
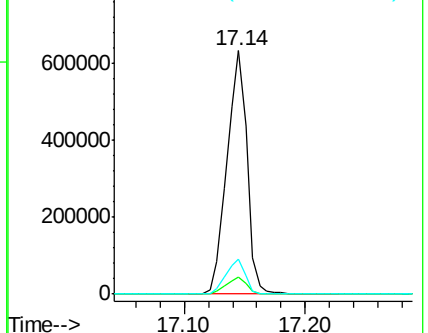
122 14.4 10.3 15.5

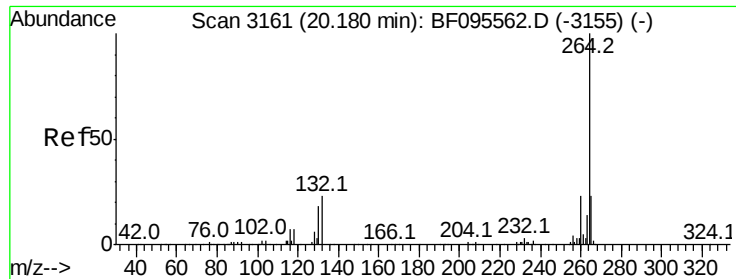


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BF095635.D
Acq: 2 Jun 2017 15:48

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-12

Tot Ion:264 Resp: 198660
Ion Ratio Lower Upper
264 100
260 22.4 19.5 29.3
265 21.6 17.2 25.8

