

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 15:43:15 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

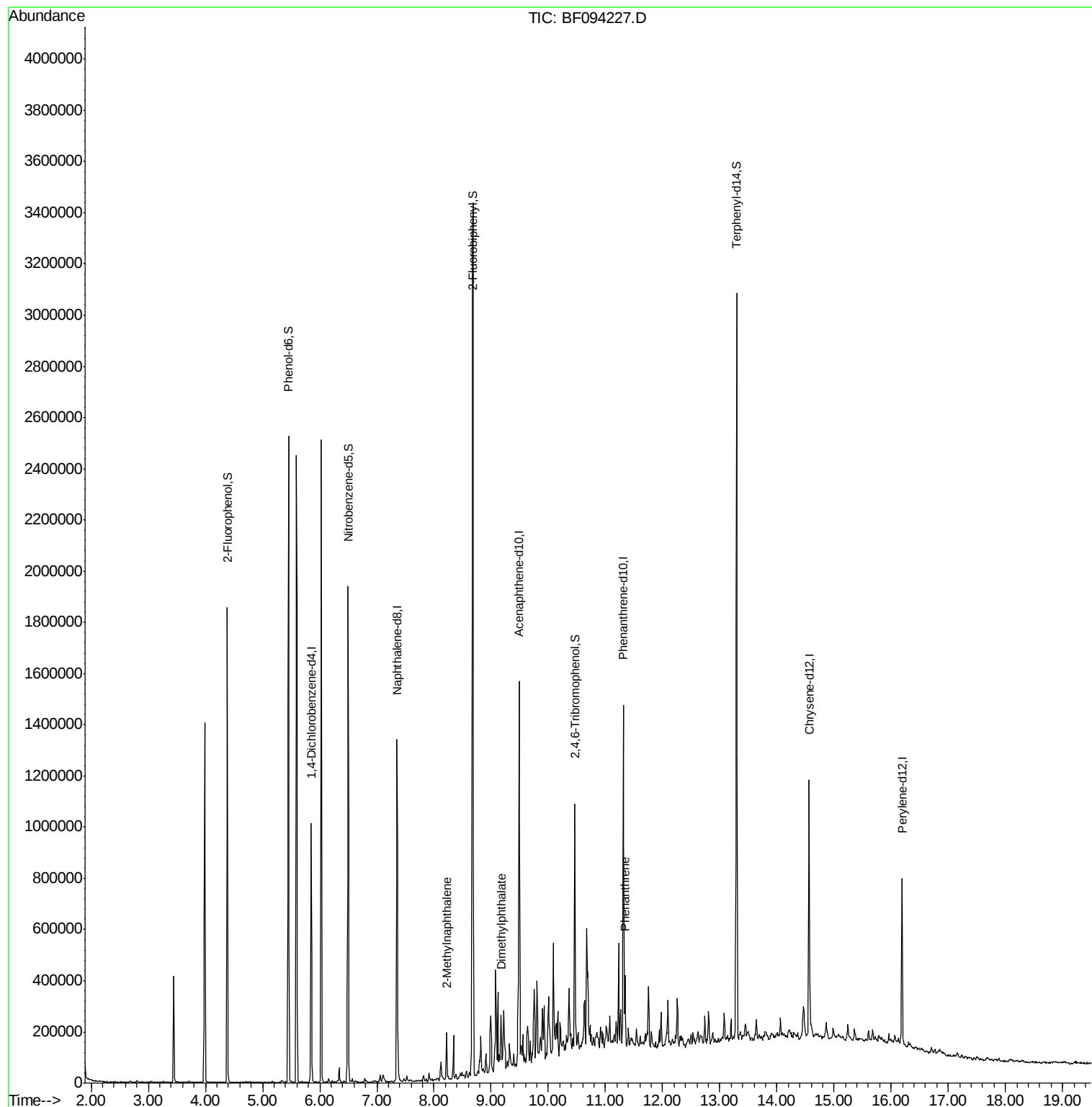
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	157834	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	651377	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	300069	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	529534	20.00	ng	0.00
75) Chrysene-d12	14.56	240	393160	20.00	ng	-0.01
86) Perylene-d12	16.19	264	273067	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	530588	56.78	ng	0.00
7) Phenol-d6	5.46	99	1025292	88.69	ng	0.00
23) Nitrobenzene-d5	6.50	82	704424	61.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	106581	44.95	ng	-0.01
44) 2-Fluorobiphenyl	8.68	172	1310124	66.59	ng	0.00
78) Terphenyl-d14	13.30	244	1084081	61.81	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.22	142	56759	2.72	ng	97
49) Dimethylphthalate	9.17	163	100067	4.69	ng	100
70) Phenanthrene	11.34	178	86950	2.95	ng	98

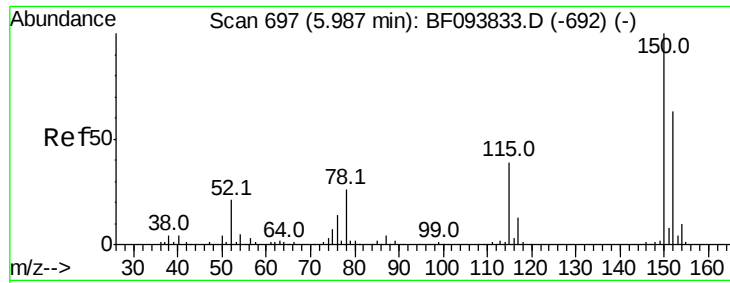
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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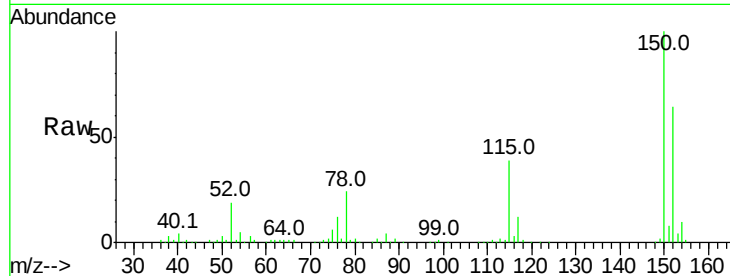


#1

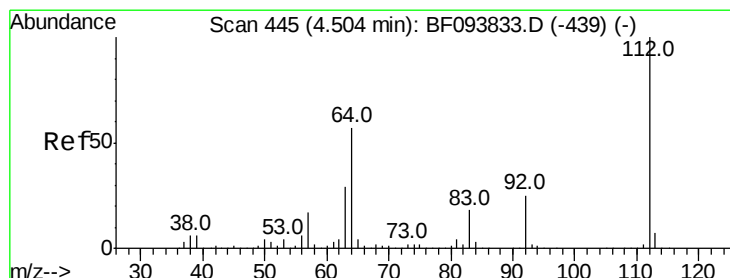
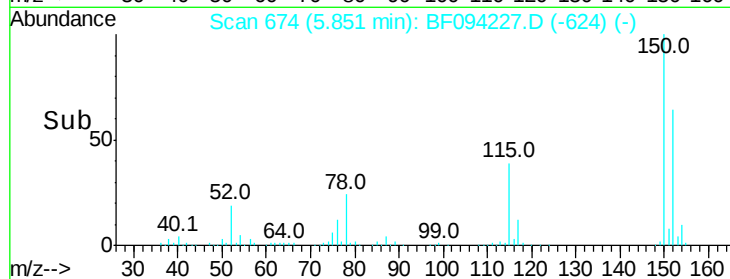
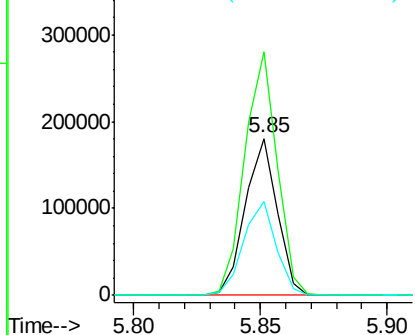
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094227.D
Acq: 6 Apr 2017 14:44

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



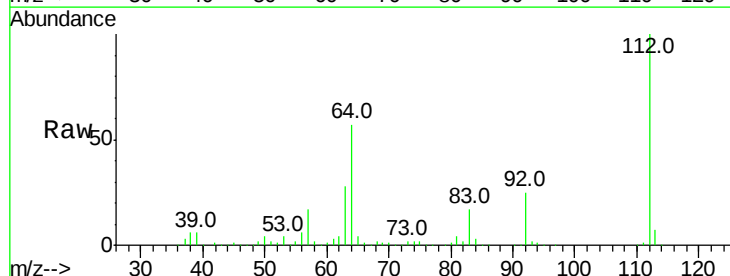
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



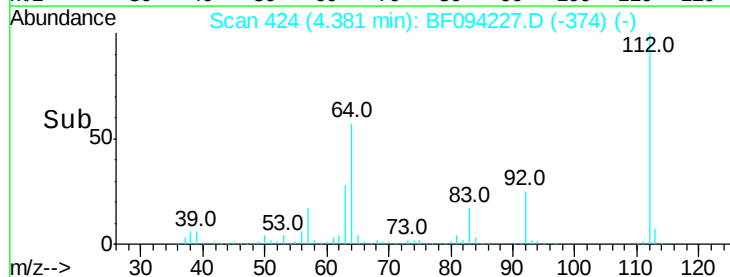
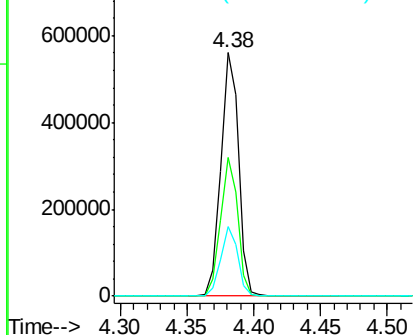
#5

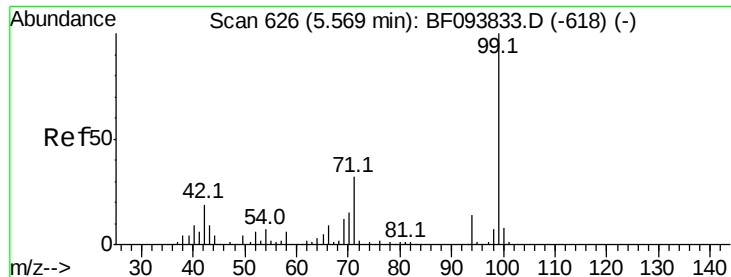
2-Fluorophenol
Concen: 56.78 ng
RT: 4.38 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF094227.D
Acq: 6 Apr 2017 14:44

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



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: 88.69 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-3

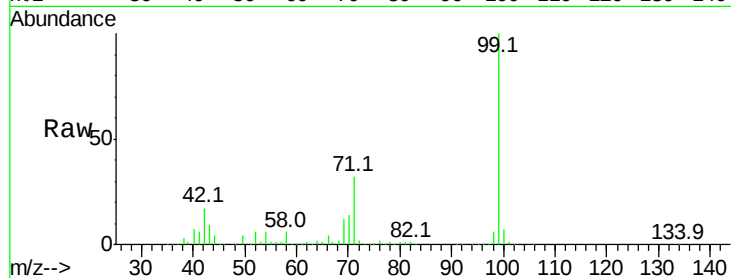
Tot Ion: 99 Resp: 1025292

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

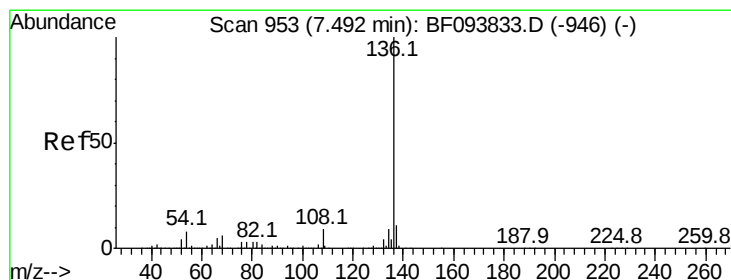
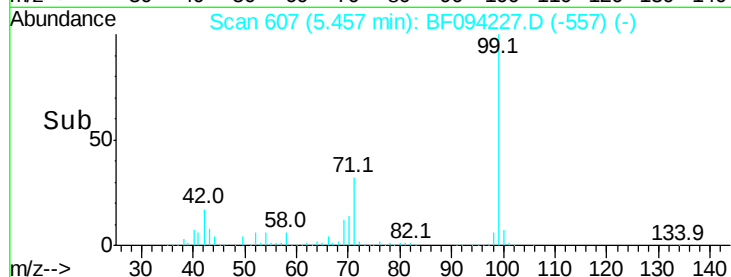
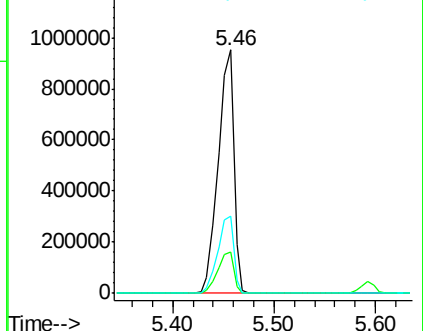
71 32.0 24.5 36.7



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: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

Tgt Ion:136 Resp: 651377

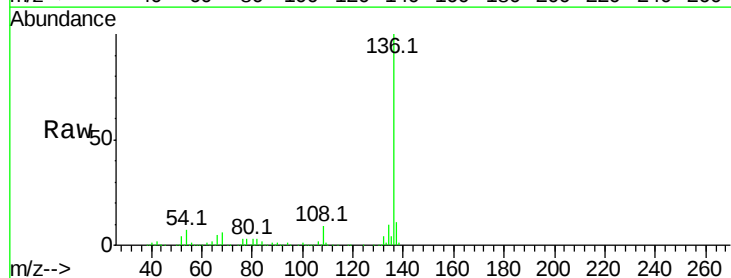
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 6.0 4.1 6.1

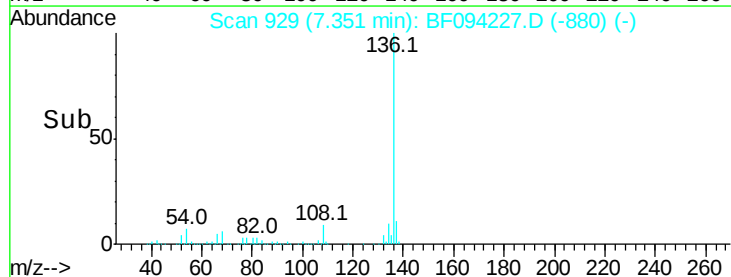
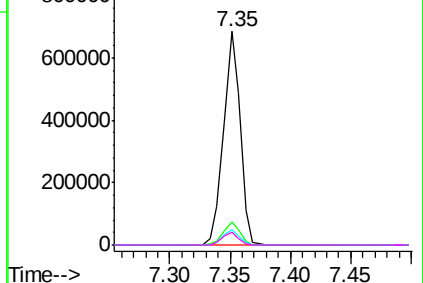


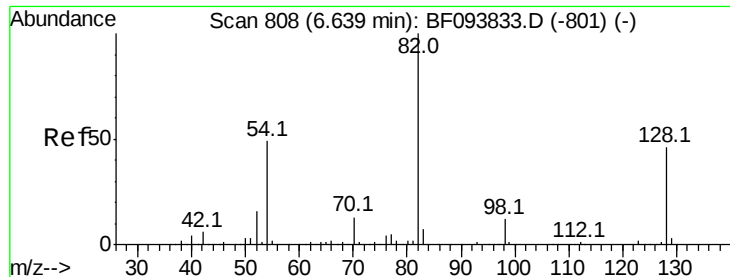
Abundance Ion 136.00 (135.70 to 136.70): E

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

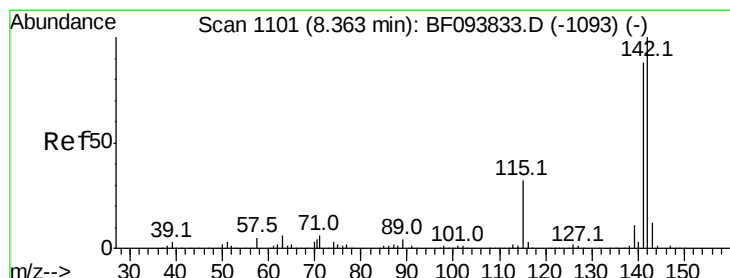
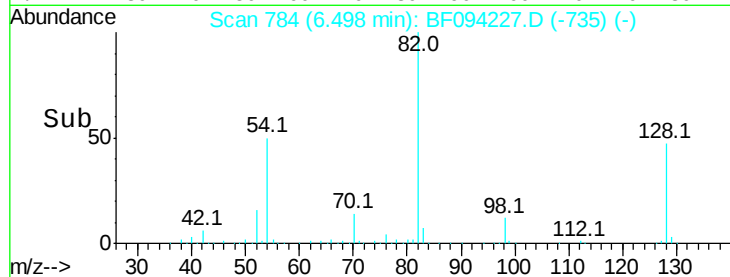
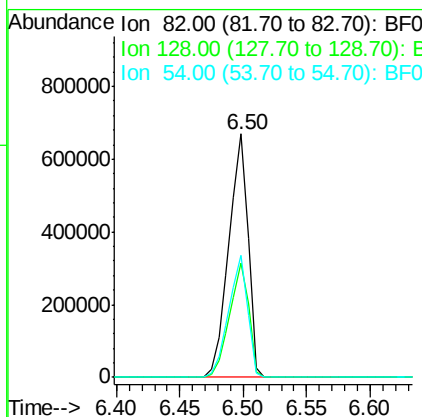
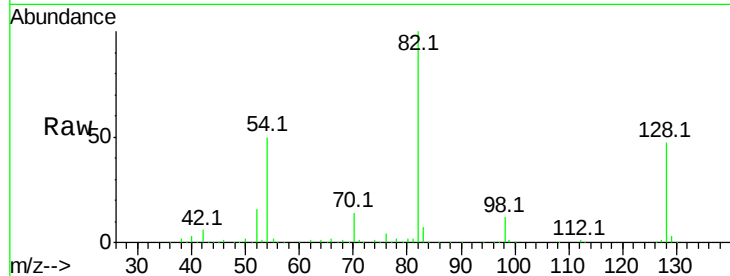




#23
 Nitrobenzene-d5
 Concen: 61.72 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF094227.D
 Acq: 6 Apr 2017 14:44

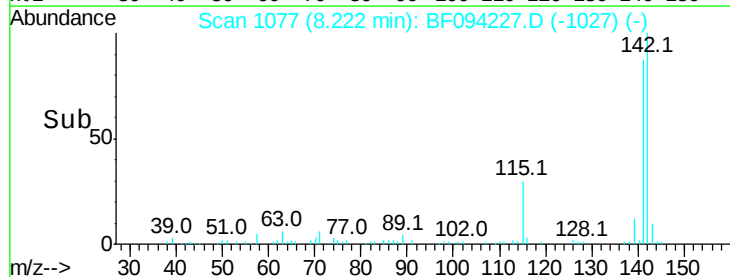
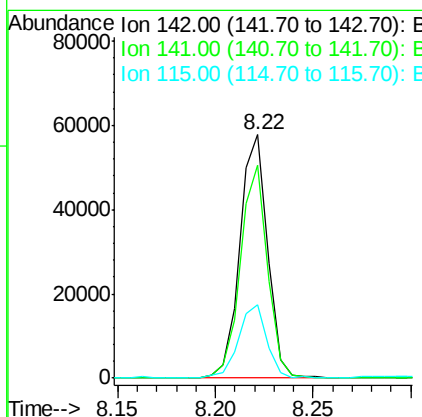
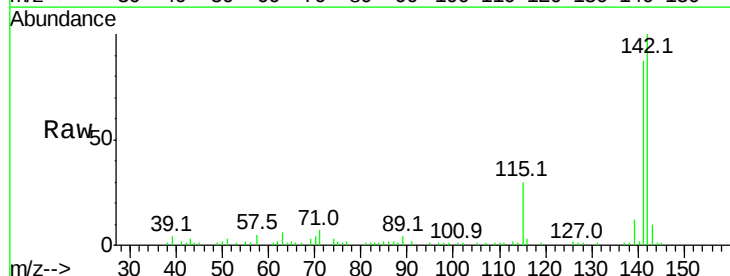
Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-3

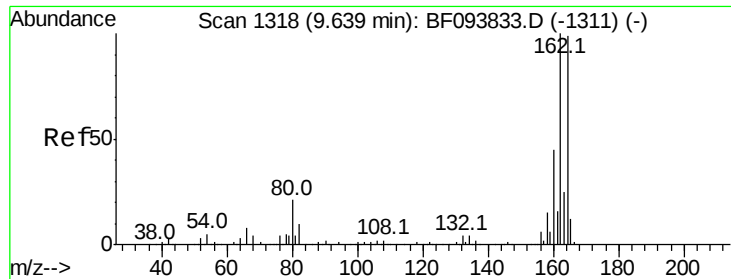
Tot Ion: 82 Resp: 704424
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 49.9 42.2 63.2



#37
 2-Methylnaphthalene
 Concen: 2.72 ng
 RT: 8.22 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF094227.D
 Acq: 6 Apr 2017 14:44

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

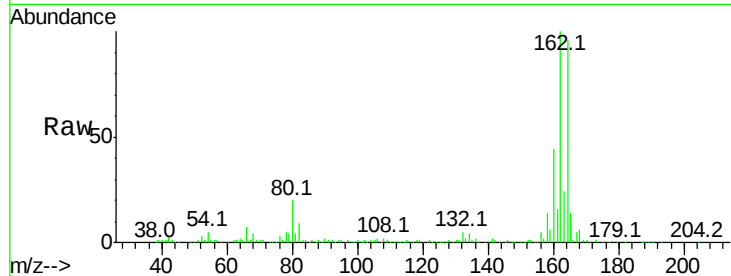




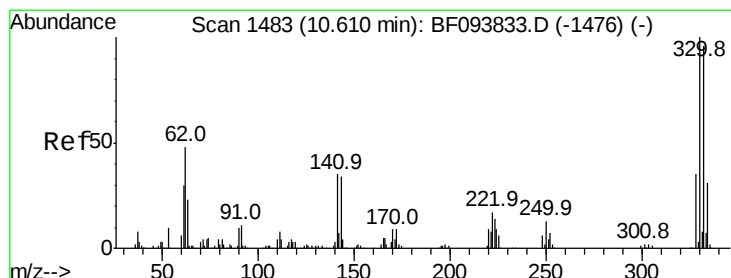
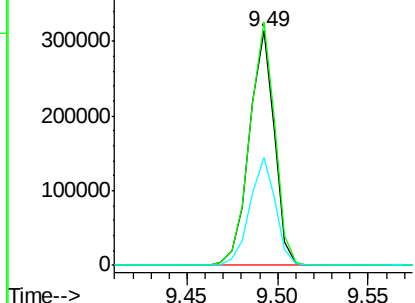
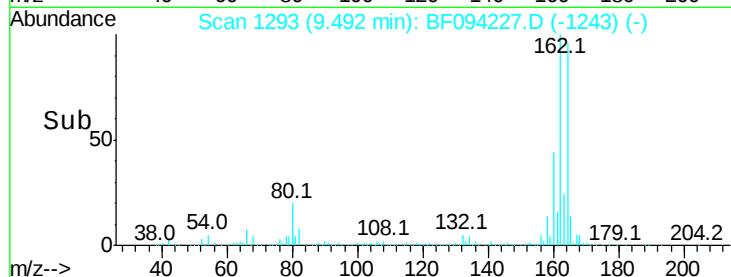
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094227.D
 Acq: 6 Apr 2017 14:44

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

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

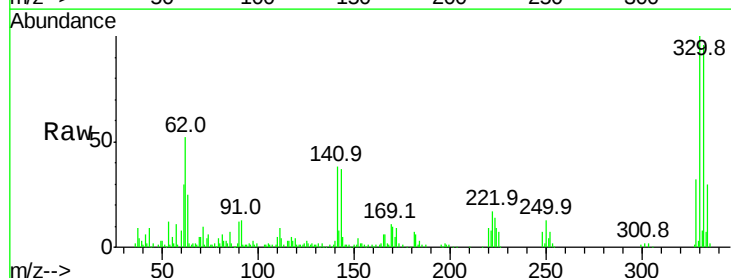


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

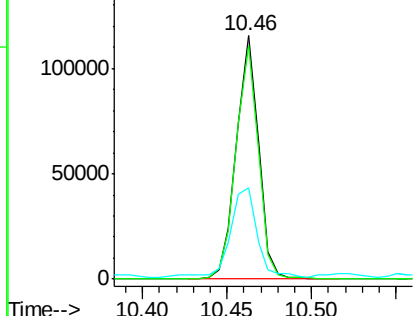
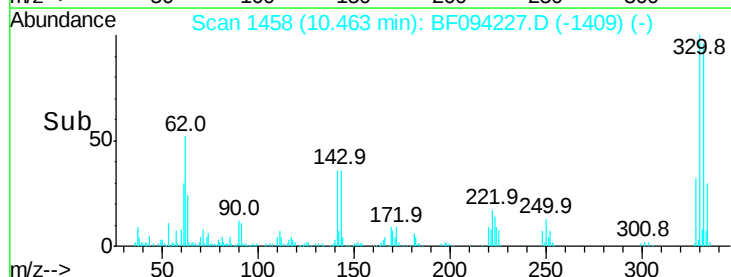


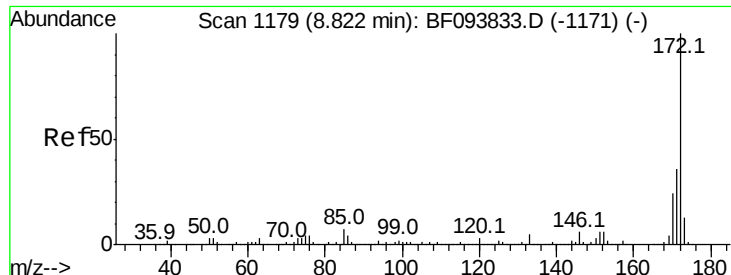
#41
 2,4,6-Tribromophenol
 Concen: 44.95 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094227.D
 Acq: 6 Apr 2017 14:44

Tgt Ion:330 Resp: 106581
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 43.5 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



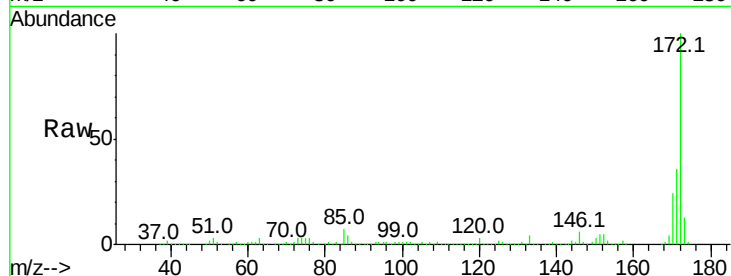


#44
 2-Fluorobiphenyl
 Concen: 66.59 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094227.D
 Acq: 6 Apr 2017 14:44

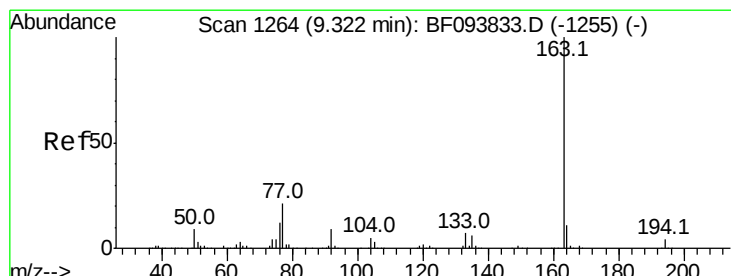
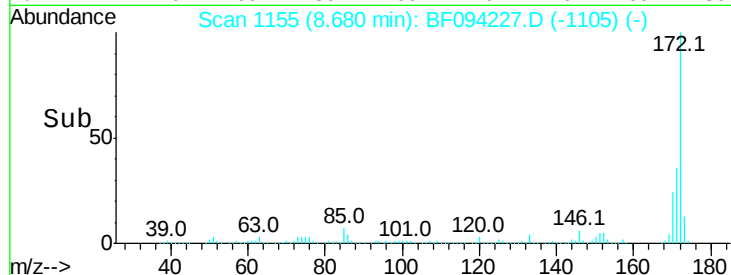
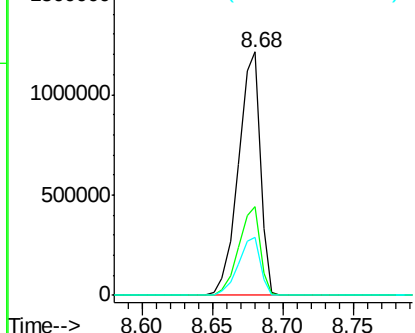
Instrument :
 BNA_F
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 E2-CONCRETE-BATCH-3

Tot Ion:172 Resp: 1310124

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8



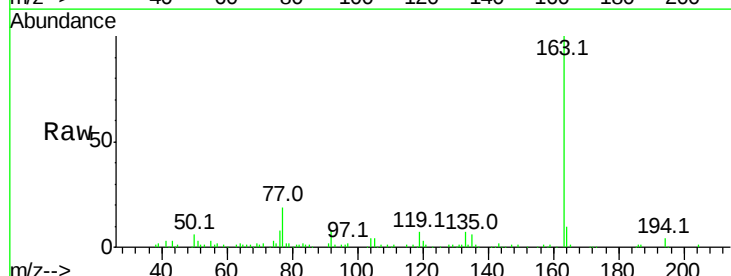
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



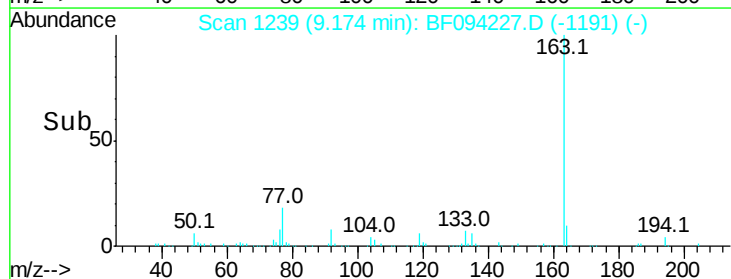
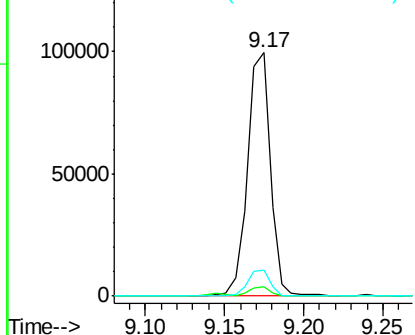
#49
 Dimethylphthalate
 Concen: 4.69 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF094227.D
 Acq: 6 Apr 2017 14:44

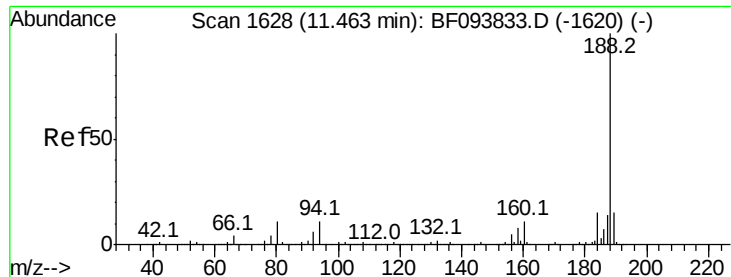
Tgt Ion:163 Resp: 100067

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.5	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: 11.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-3

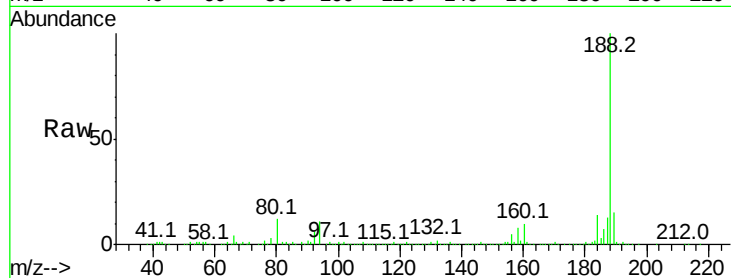
Tot Ion:188 Resp: 529534

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

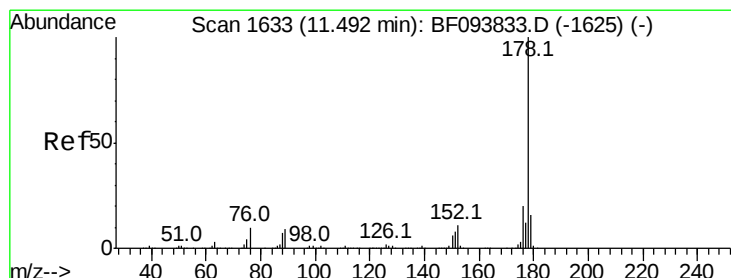
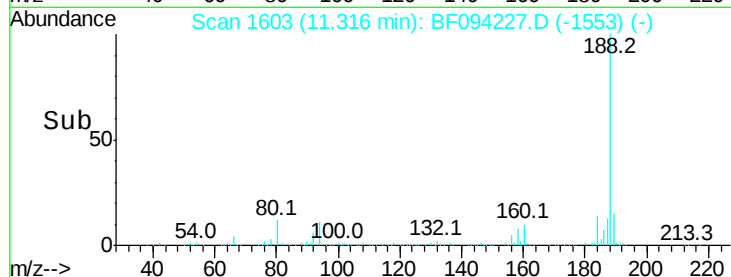
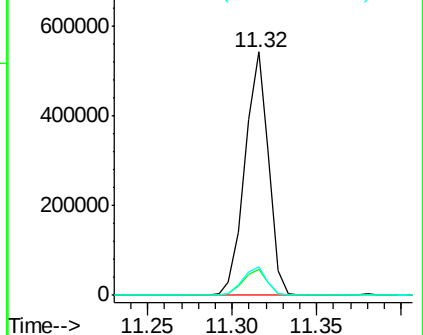
80 11.8 10.2 15.2



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



#70

Phenanthrene

Concen: 2.95 ng

RT: 11.34 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

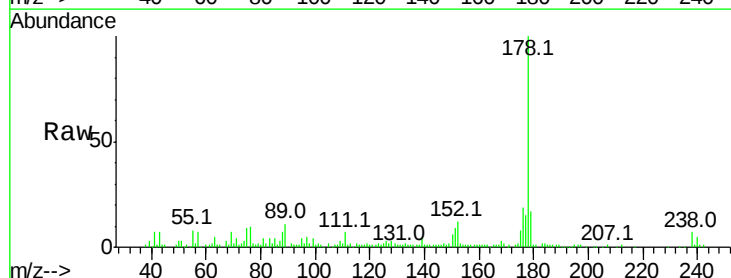
Tgt Ion:178 Resp: 86950

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

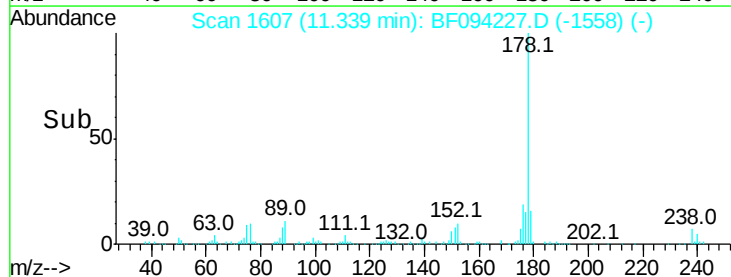
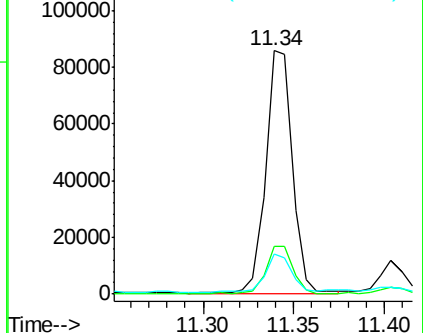
179 16.7 12.6 19.0

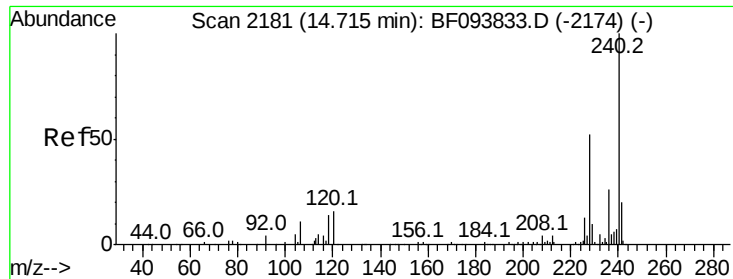


Abundance Ion 178.00 (177.70 to 178.70): E

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: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

Instrument :

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E2-CONCRETE-BATCH-3

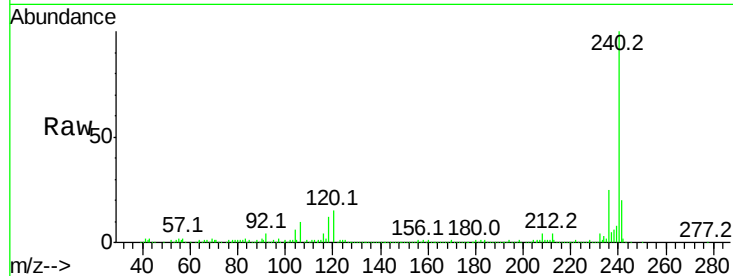
Tot Ion:240 Resp: 393160

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

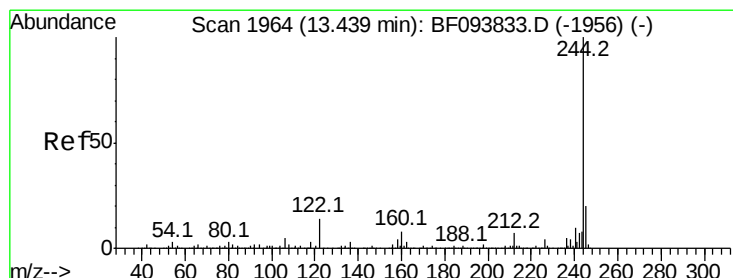
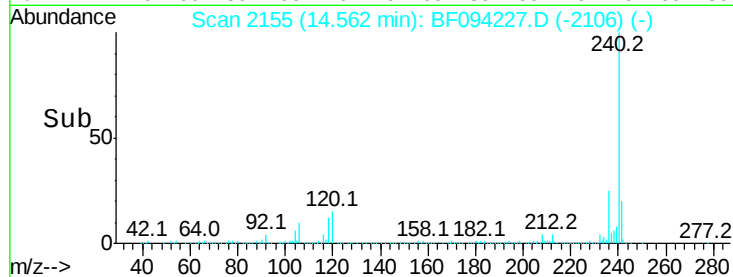
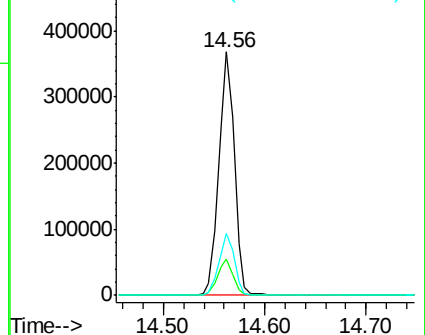
236 25.5 20.5 30.7



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: 61.81 ng

RT: 13.30 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BF094227.D

Acq: 6 Apr 2017 14:44

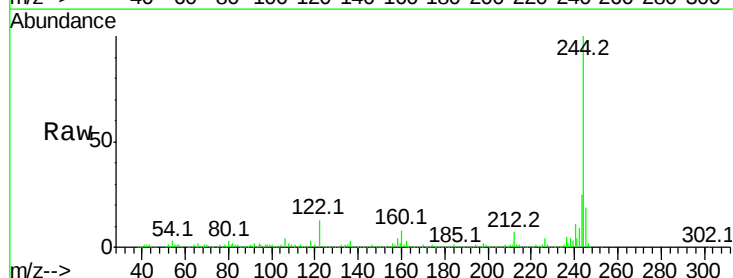
Tgt Ion:244 Resp: 1084081

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

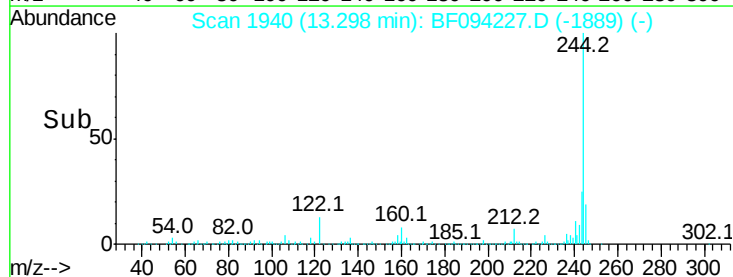
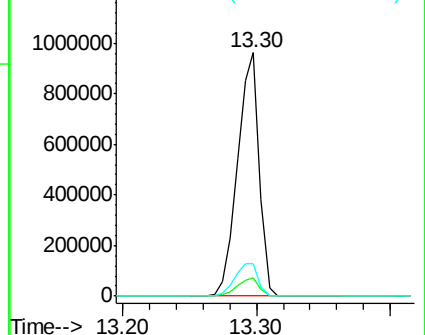
122 13.4 10.3 15.5

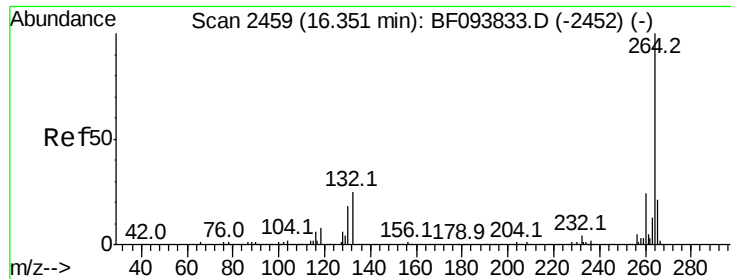


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

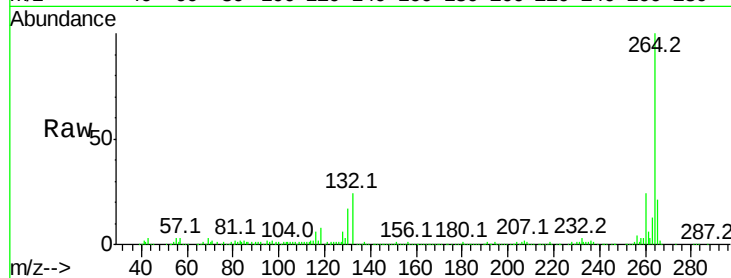




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BF094227.D
Acq: 6 Apr 2017 14:44

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

Tot Ion:264 Resp: 273067
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.0 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

