

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097818.D
 Acq On : 18 Aug 2017 6:56
 Operator : SJ/JU
 Sample : I4794-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMENT-BLOCK

Quant Time: Aug 18 07:43:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

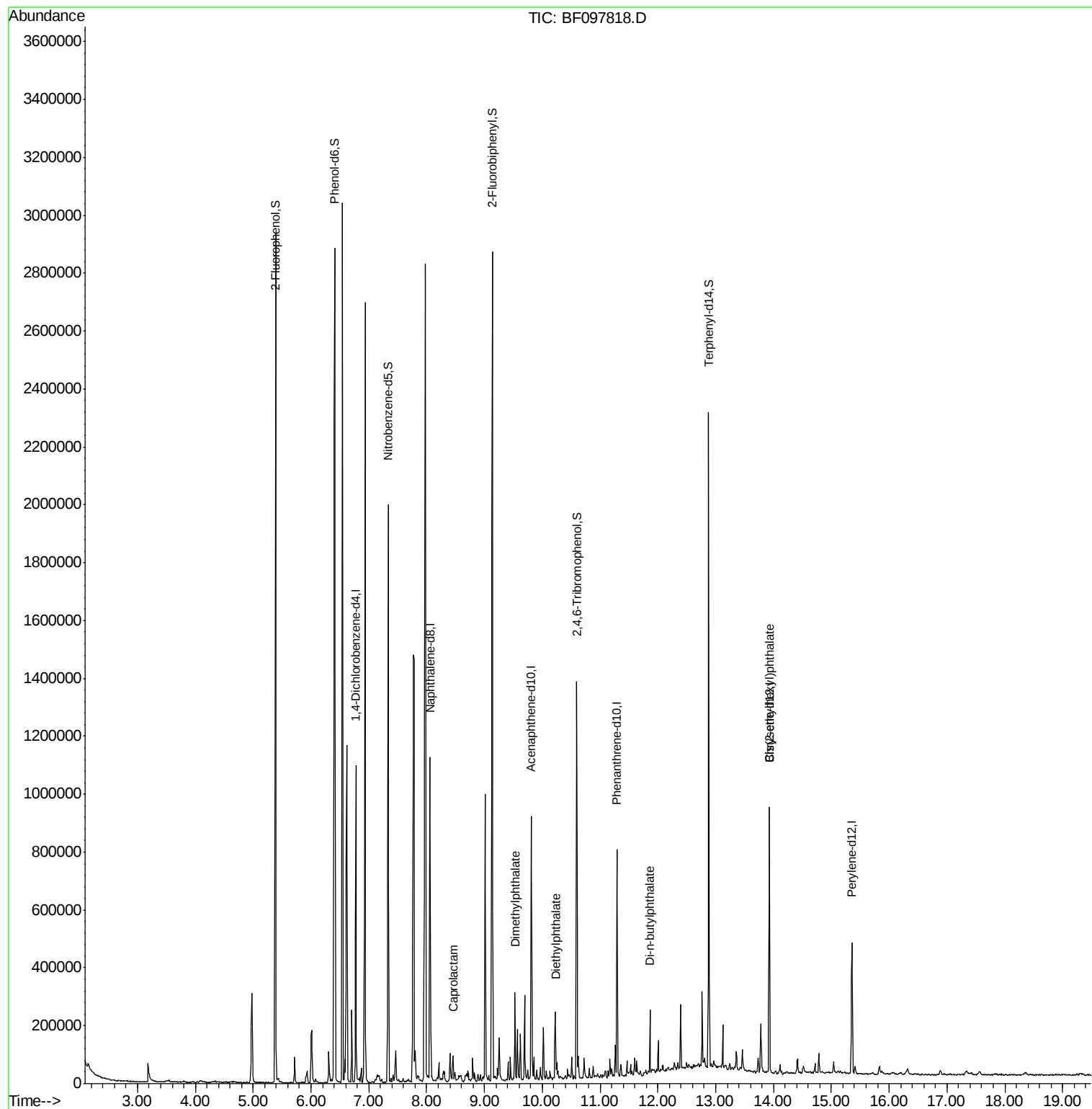
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	126823	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	458903	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	159805	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	263323	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	268937	20.00	ng	-0.01
86) Perylene-d12	15.36	264	190237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	832205	99.81	ng	0.00
7) Phenol-d6	6.41	99	1108217	97.82	ng	0.00
23) Nitrobenzene-d5	7.34	82	674058	79.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	133948	96.60	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	898955	82.65	ng	0.00
78) Terphenyl-d14	12.88	244	664724	51.54	ng	-0.01
Target Compounds						
35) Caprolactam	8.46	113	8139	3.937	ng	99
49) Dimethylphthalate	9.53	163	96112	8.228	ng	99
59) Diethylphthalate	10.23	149	24588	2.013	ng	96
73) Di-n-butylphthalate	11.86	149	91453	5.877	ng	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	29878	3.197	ng	100

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

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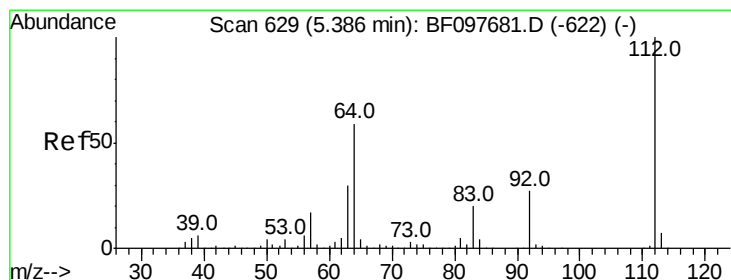
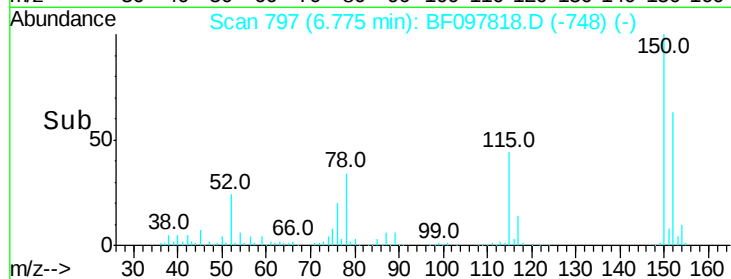
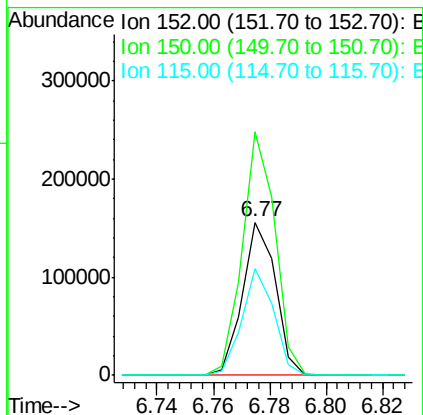
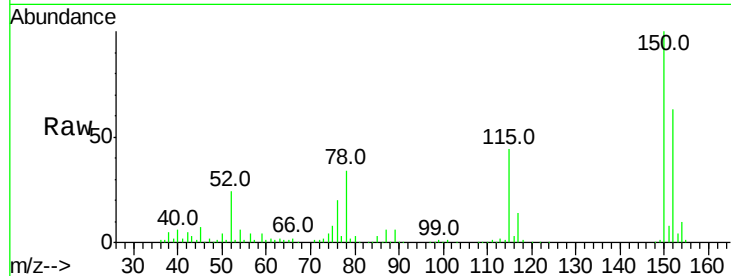


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097818.D
Acq: 18 Aug 2017 6:56

Instrument :
BNA_F
ClientSampleId :
CEMENT-BLOCK

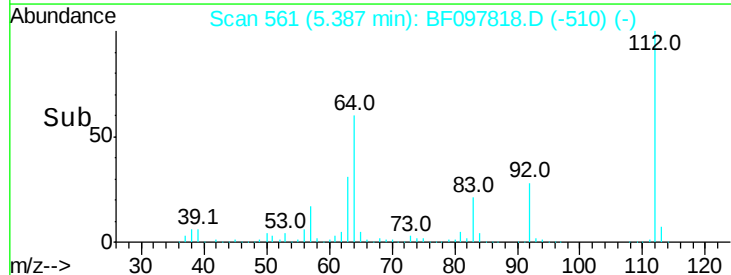
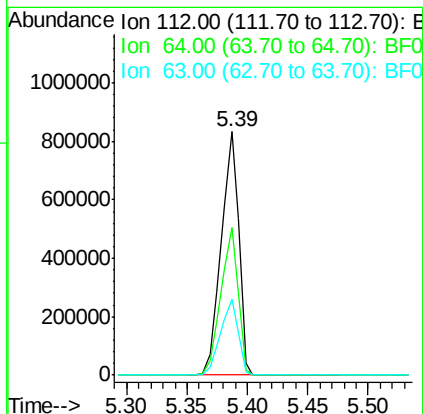
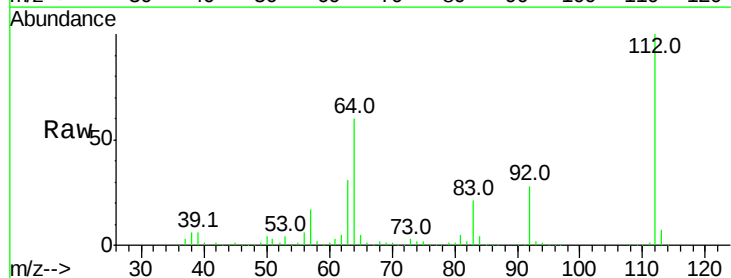
Tot Ion:152 Resp: 126823
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 70.3 52.2 78.2

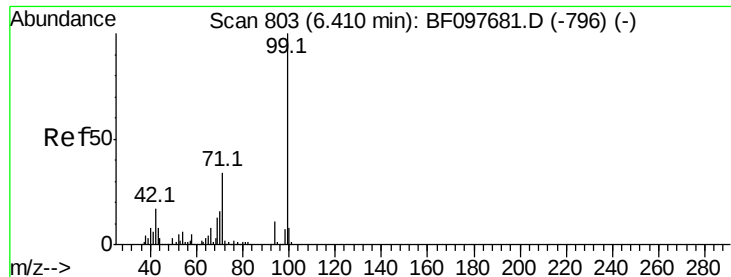


#5

2-Fluorophenol
Concen: 99.812 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097818.D
Acq: 18 Aug 2017 6:56

Tgt Ion:112 Resp: 832205
Ion Ratio Lower Upper
112 100
64 60.4 46.0 69.0
63 31.4 23.4 35.0





#7

Phenol-d6

Concen: 97.825 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097818.D

Acq: 18 Aug 2017 6:56

Instrument :

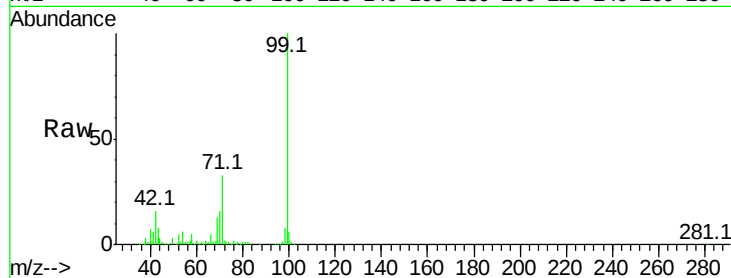
BNA_F

ClientSampleId :

CEMENT-BLOCK

Tot Ion: 99 Resp: 1108217

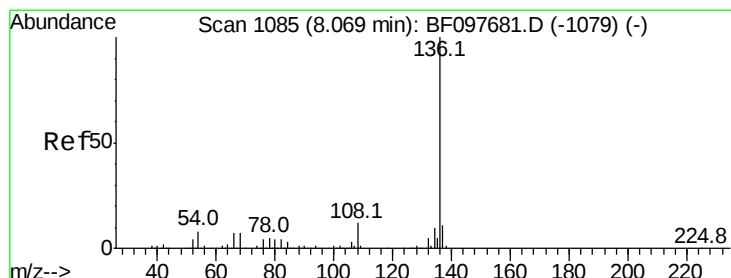
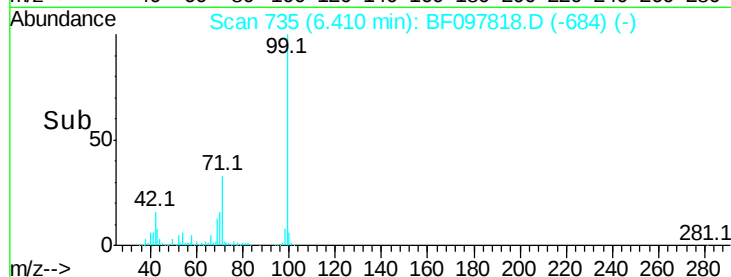
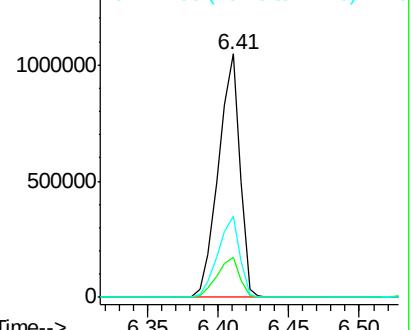
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	33.2	24.5	36.7



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: 20.000 ng

RT: 8.06 min Scan# 1015

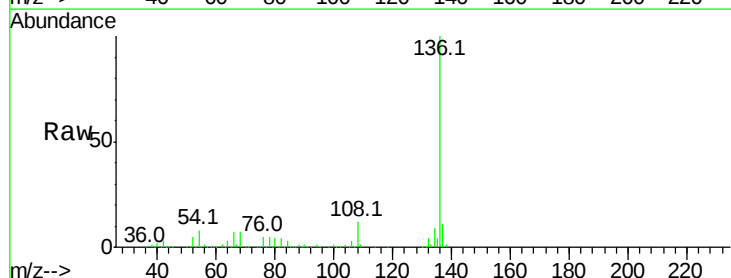
Delta R.T. -0.01 min

Lab File: BF097818.D

Acq: 18 Aug 2017 6:56

Tgt Ion: 136 Resp: 458903

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.2	4.9	7.3#
68	7.4	4.1	6.1#

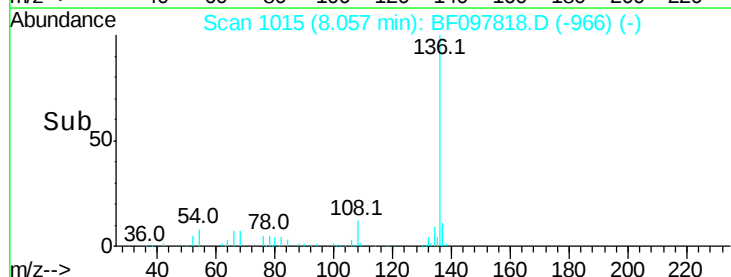
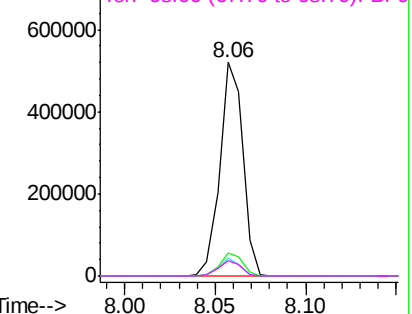


Abundance Ion 136.00 (135.70 to 136.70): E

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

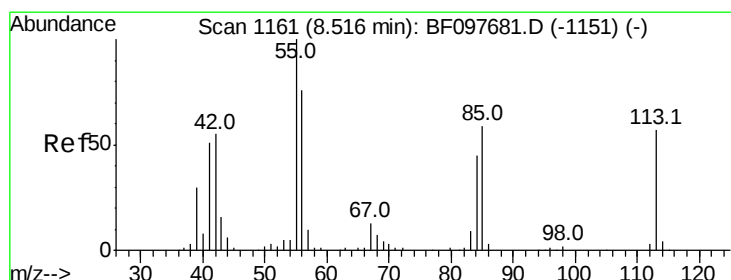
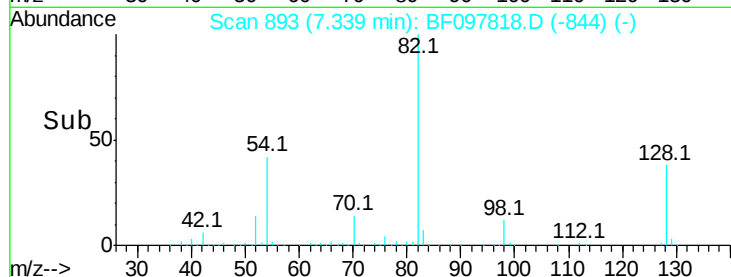
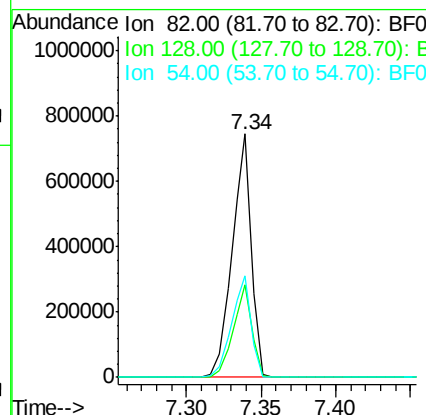
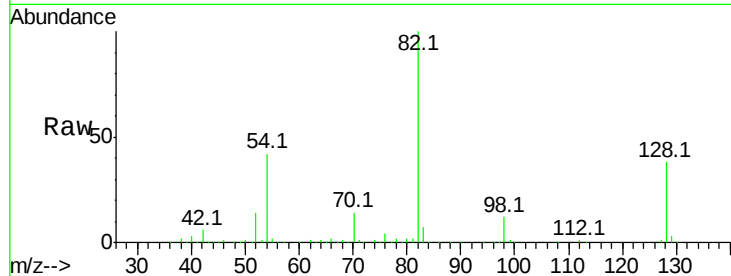




#23
 Nitrobenzene-d5
 Concen: 79.794 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097818.D
 Acq: 18 Aug 2017 6:56

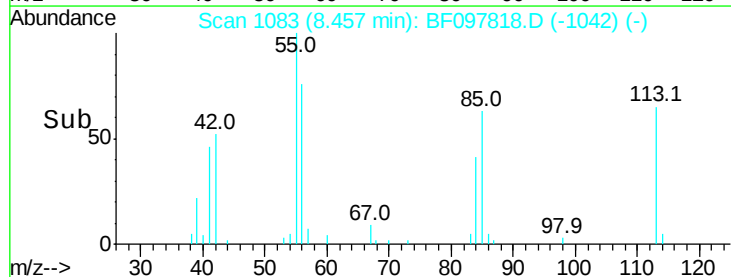
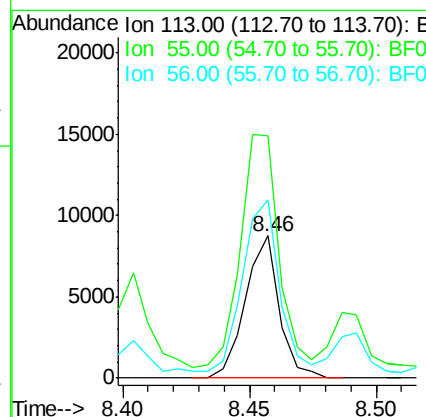
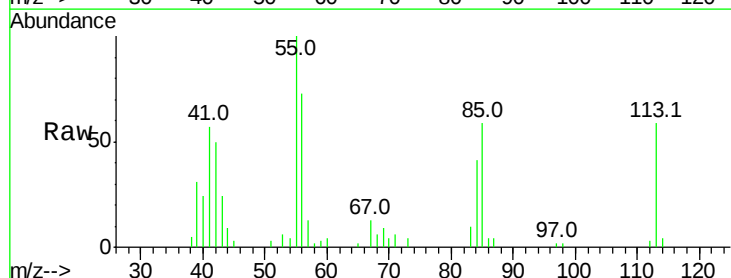
Instrument :
 BNA_F
 ClientSampleId :
 CEMENT-BLOCK

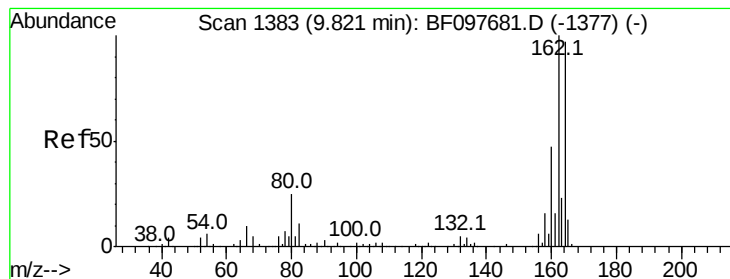
Tot Ion: 82 Resp: 674058
 Ion Ratio Lower Upper
 82 100
 128 37.9 34.0 51.0
 54 41.8 42.2 63.2#



#35
 Caprolactam
 Concen: 3.937 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.06 min
 Lab File: BF097818.D
 Acq: 18 Aug 2017 6:56

Tgt Ion: 113 Resp: 8139
 Ion Ratio Lower Upper
 113 100
 55 170.6 150.2 190.2
 56 125.0 107.8 147.8





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097818.D

Acq: 18 Aug 2017 6:56

Instrument :

BNA_F

ClientSampleId :

CEMENT-BLOCK

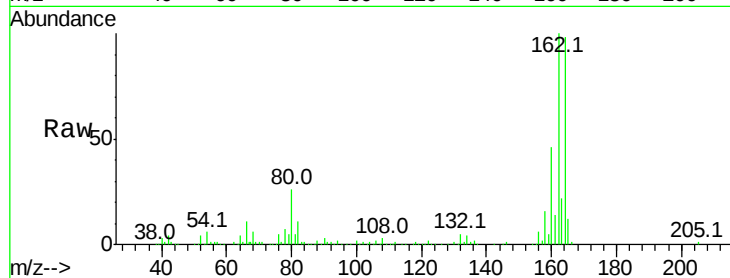
Tot Ion:164 Resp: 159805

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

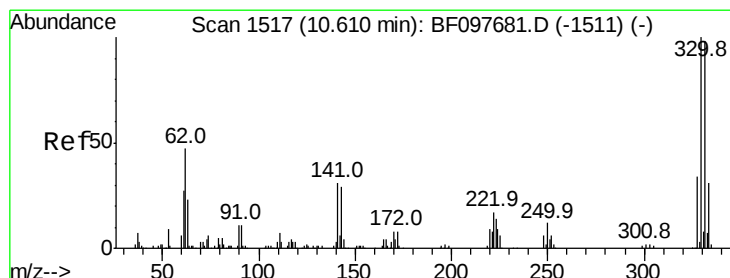
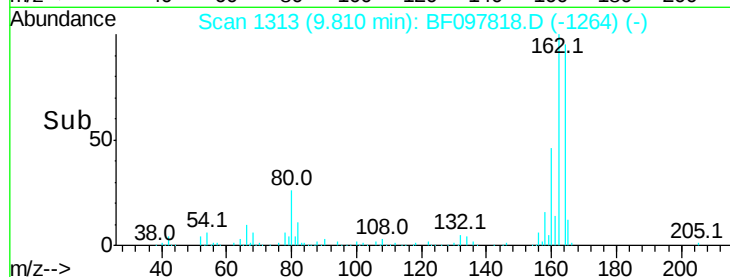
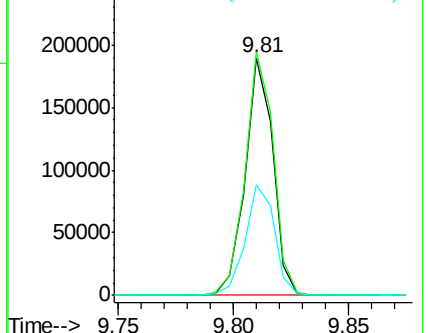
160 46.8 36.2 54.2



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: 96.604 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF097818.D

Acq: 18 Aug 2017 6:56

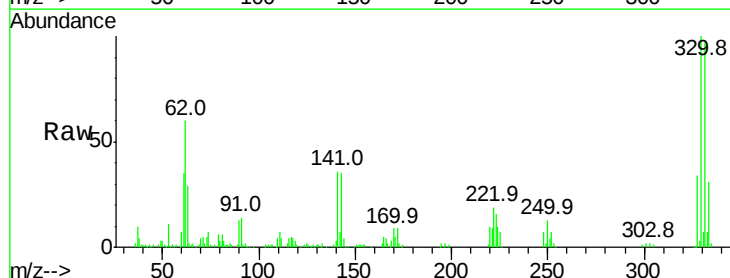
Tgt Ion:330 Resp: 133948

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

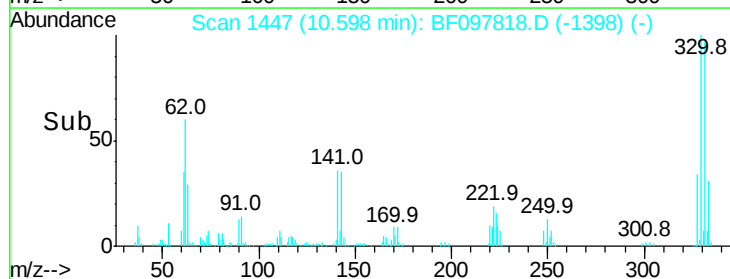
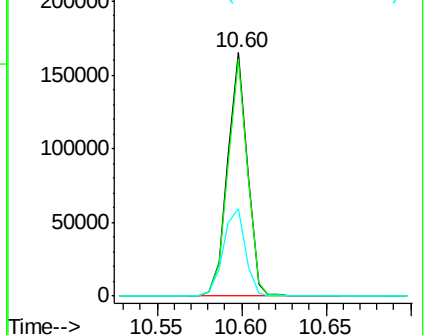
141 40.6 31.4 47.2



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

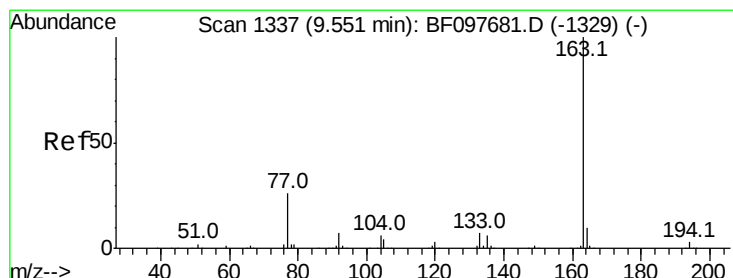
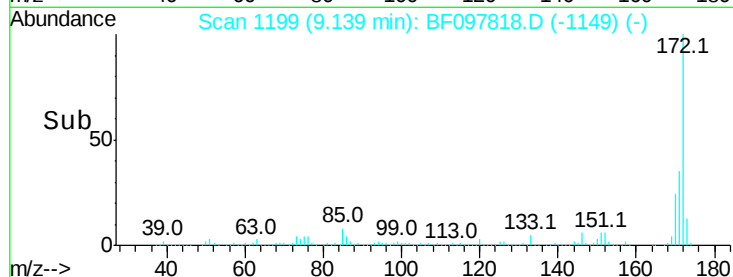
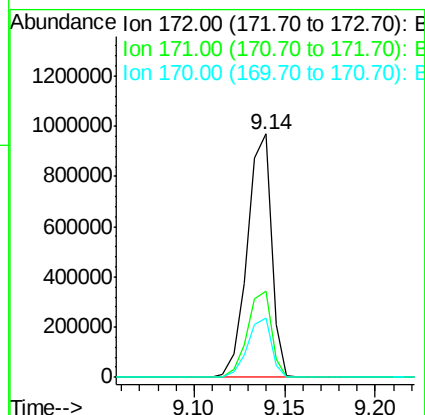
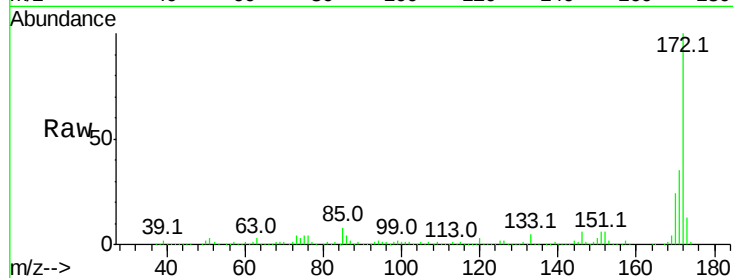




#44
 2-Fluorobiphenyl
 Concen: 82.648 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097818.D
 Acq: 18 Aug 2017 6:56

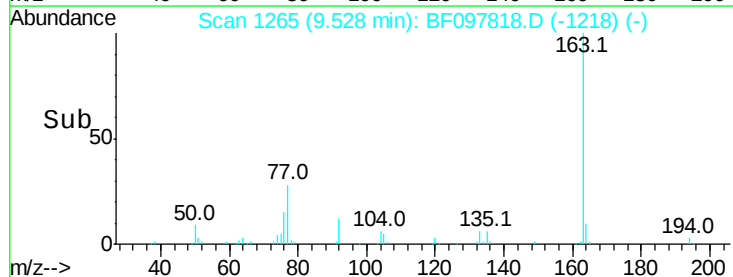
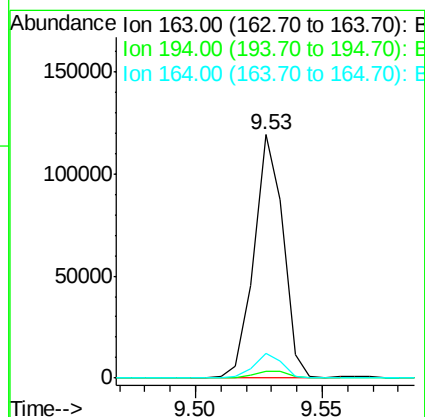
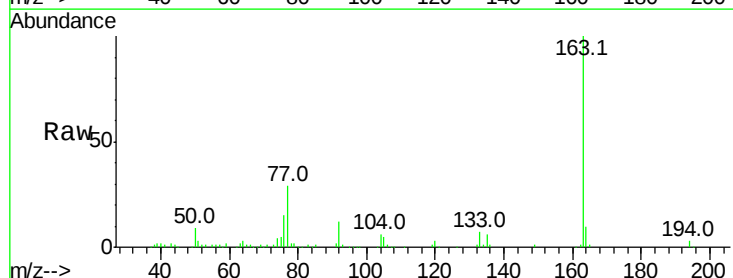
Instrument :
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 ClientSampleId :
 CEMENT-BLOCK

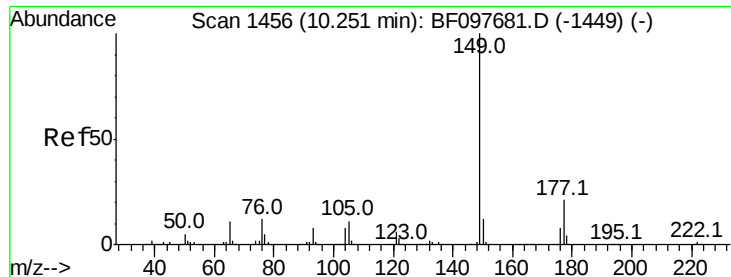
Tot Ion:172 Resp: 898955
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 24.2 19.8 29.8



#49
 Dimethylphthalate
 Concen: 8.228 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF097818.D
 Acq: 18 Aug 2017 6:56

Tgt Ion:163 Resp: 96112
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 10.1 8.4 12.6

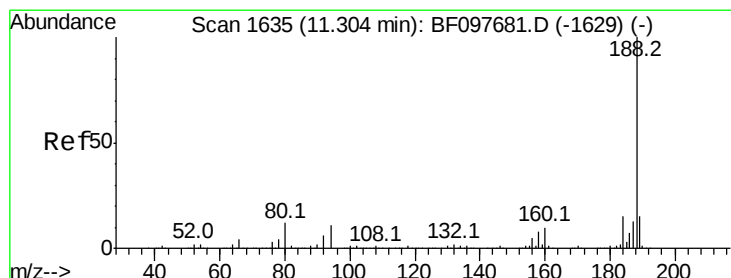
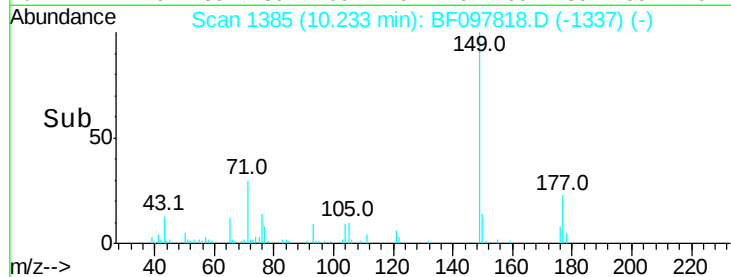
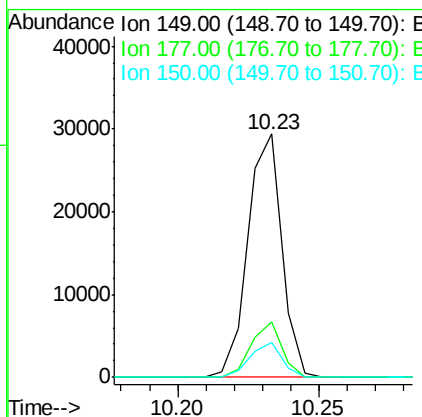
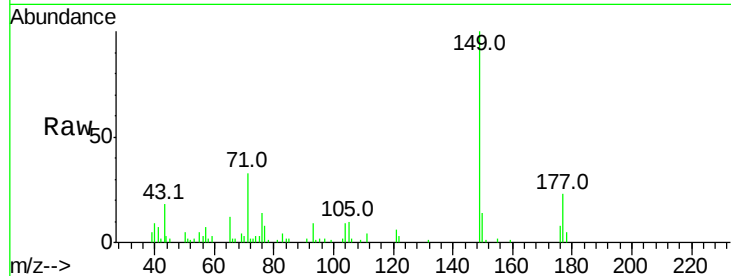




#59
Diethylphthalate
Concen: 2.013 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF097818.D
Acq: 18 Aug 2017 6:56

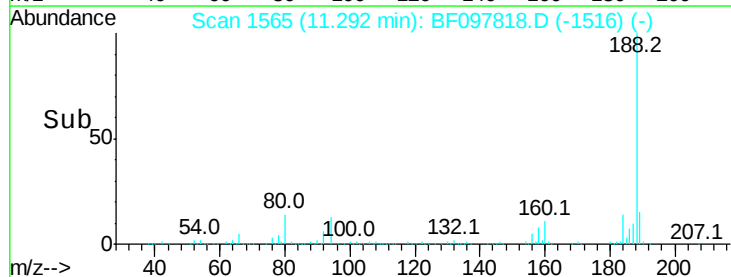
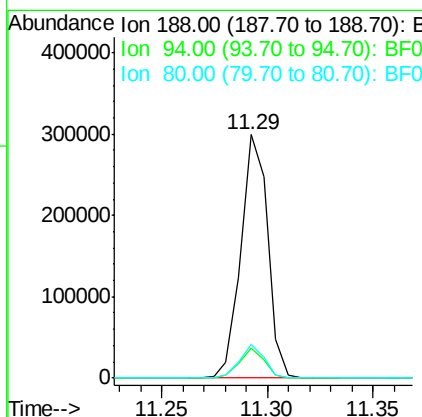
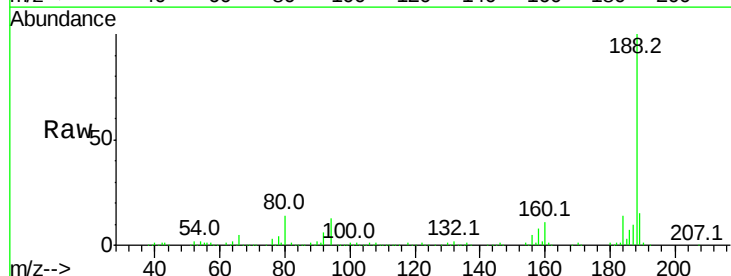
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ClientSampleId :
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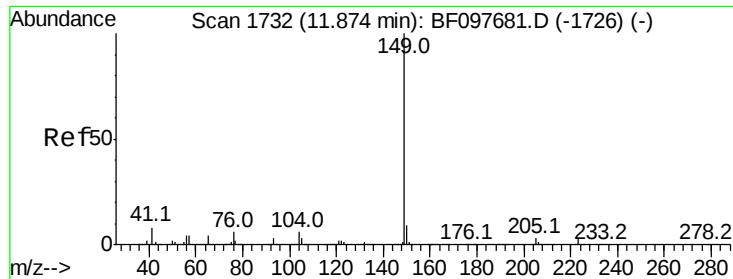
Tot Ion:149 Resp: 24588
Ion Ratio Lower Upper
149 100
177 22.9 16.7 25.1
150 14.5 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097818.D
Acq: 18 Aug 2017 6:56

Tgt Ion:188 Resp: 263323
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.7 10.2 15.2

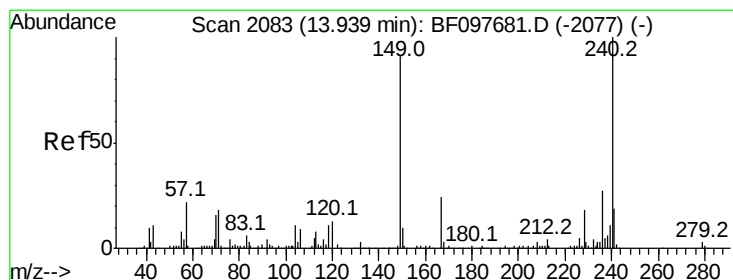
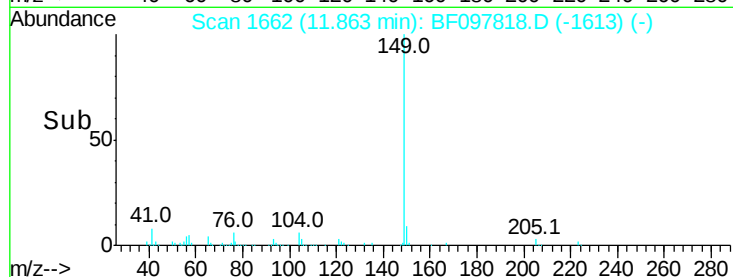
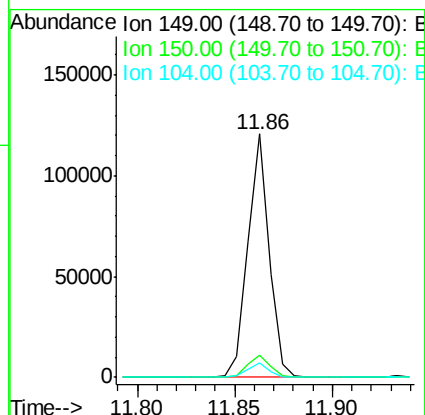
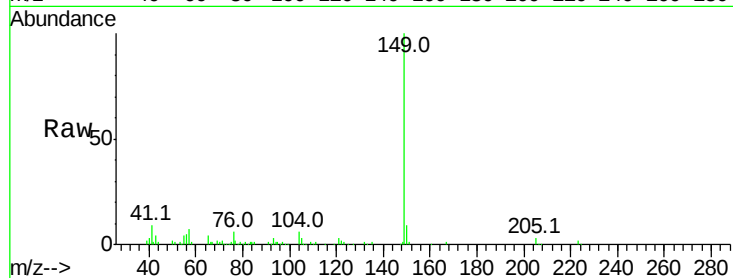




#73
Di-n-butylphthalate
Concen: 5.877 ng
RT: 11.86 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BF097818.D
Acq: 18 Aug 2017 6:56

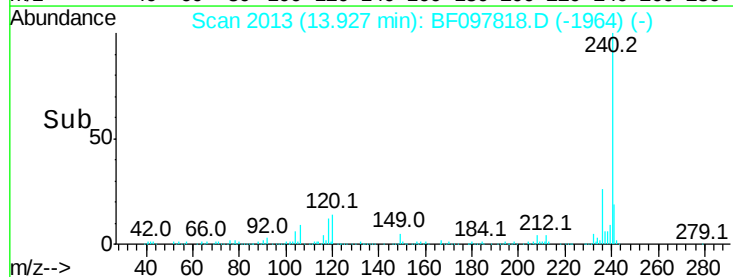
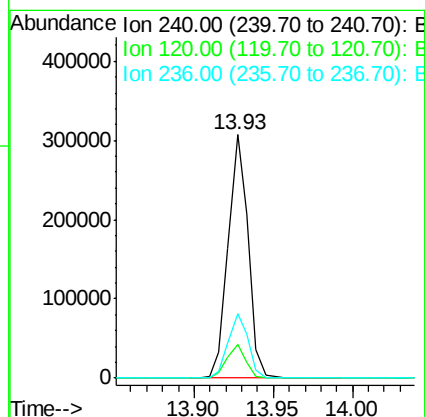
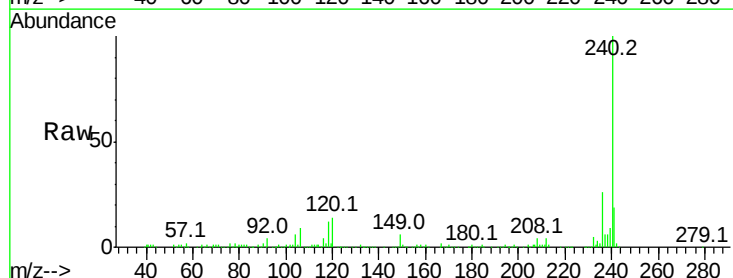
Instrument :
BNA_F
ClientSampleId :
CEMENT-BLOCK

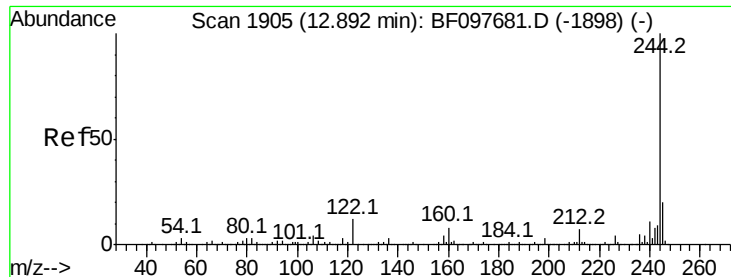
Tot Ion:149 Resp: 91453
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 5.9 4.0 6.0



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097818.D
Acq: 18 Aug 2017 6:56

Tgt Ion:240 Resp: 268937
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 26.4 20.5 30.7





#78

Terphenyl-d14

Concen: 51.543 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097818.D

Acq: 18 Aug 2017 6:56

Instrument :

BNA_F

ClientSampleId :

CEMENT-BLOCK

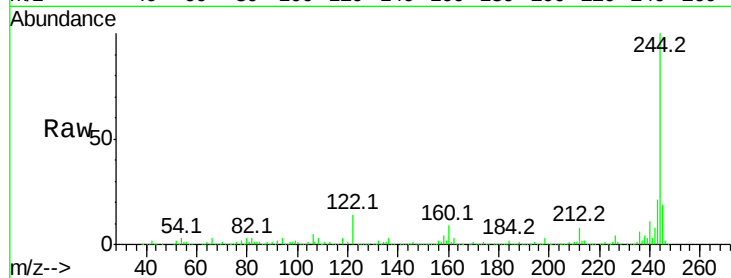
Tot Ion:244 Resp: 664724

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

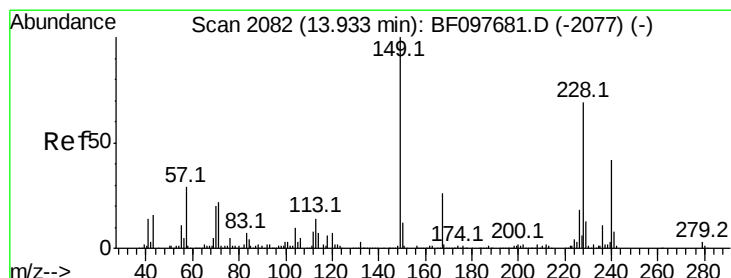
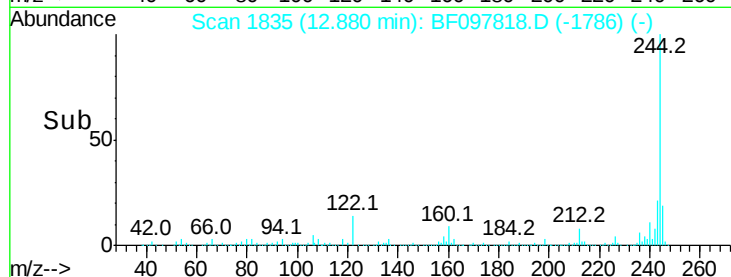
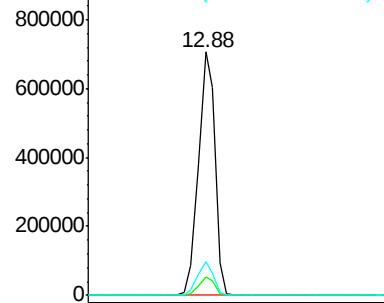
122 14.1 10.3 15.5



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: 3.197 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF097818.D

Acq: 18 Aug 2017 6:56

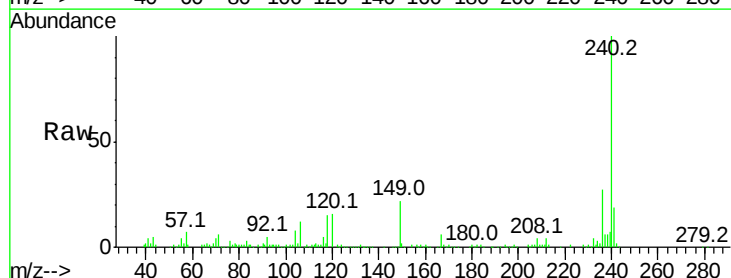
Tgt Ion:149 Resp: 29878

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

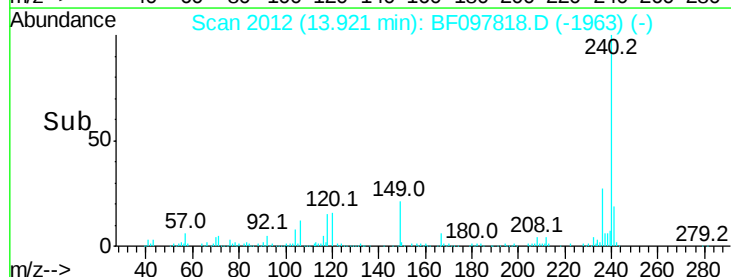
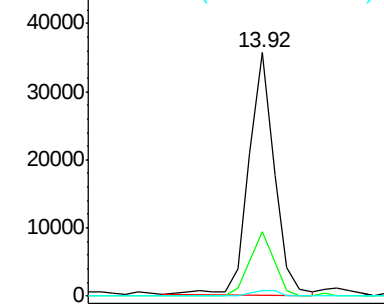
279 2.2 1.9 2.9

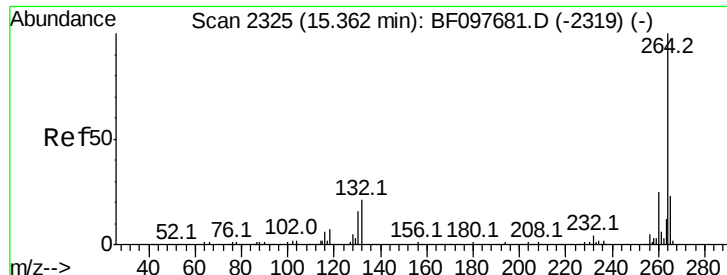


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

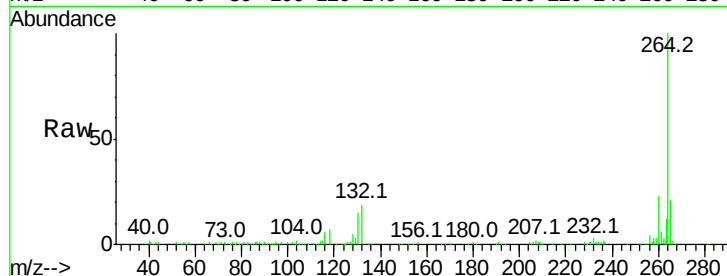




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097818.D
Acq: 18 Aug 2017 6:56

Instrument :
BNA_F
ClientSampleId :
CEMENT-BLOCK

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.4	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

