

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108217.D
 Acq On : 17 Aug 2018 1:25
 Operator : JU/SJ
 Sample : J4502-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LGS-CONCRETE

Quant Time: Aug 17 05:21:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

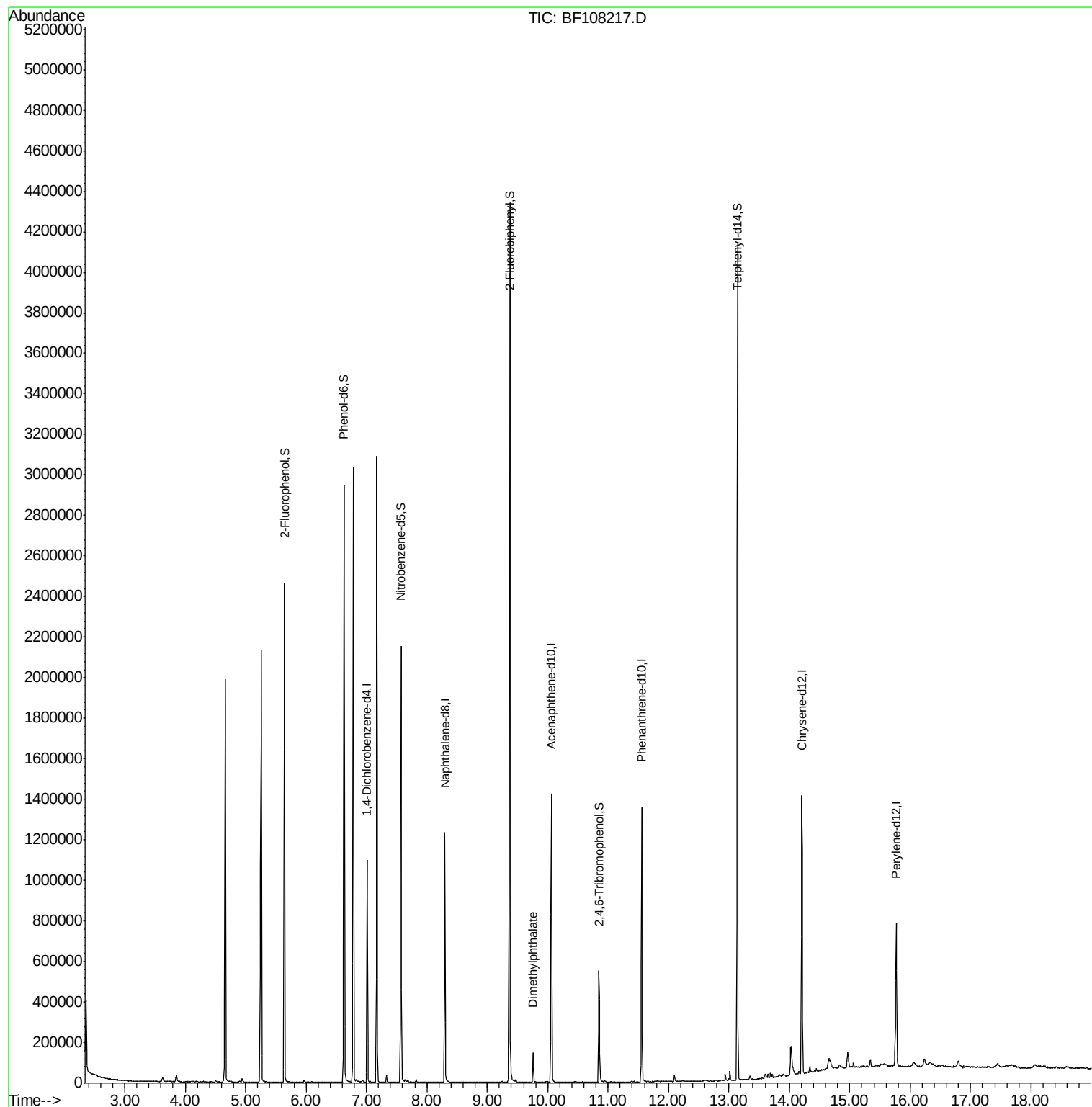
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	153222	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	569373	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	271483	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	488433	20.00	ng	0.00
75) Chrysene-d12	14.21	240	463757	20.00	ng	-0.01
86) Perylene-d12	15.77	264	356143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	559039	66.06	ng	0.01
7) Phenol-d6	6.63	99	964414	85.75	ng	0.00
23) Nitrobenzene-d5	7.58	82	699413	68.55	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	70494	26.03	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	1314869	77.76	ng	0.00
78) Terphenyl-d14	13.14	244	1366580	74.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	59415	3.142	ng	Qvalue 99

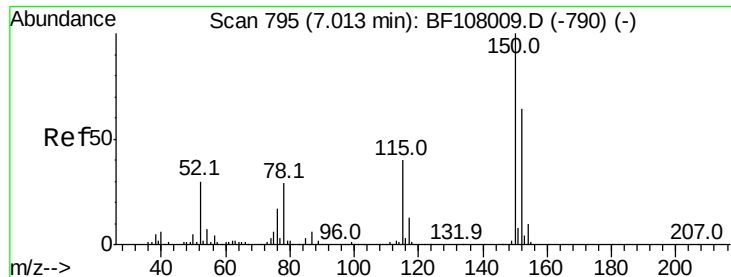
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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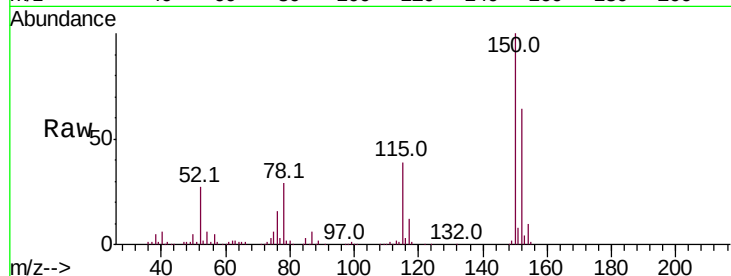


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108217.D
Acq: 17 Aug 2018 1:25

Instrument :
BNA_F
ClientSampleId :
LGS-CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	61.1	50.1	75.1

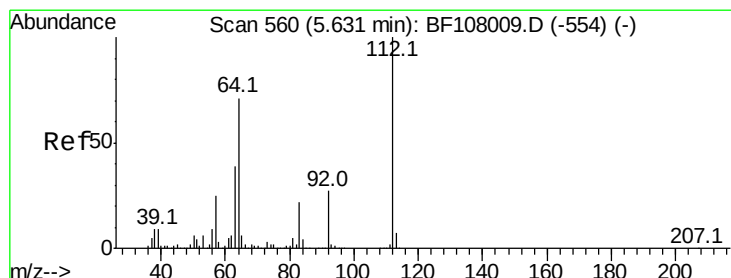
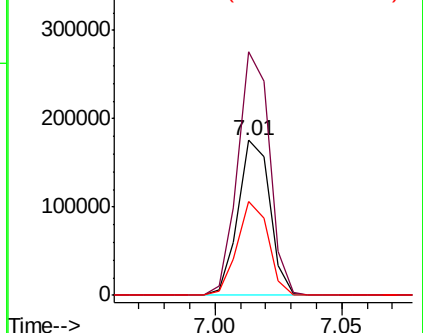
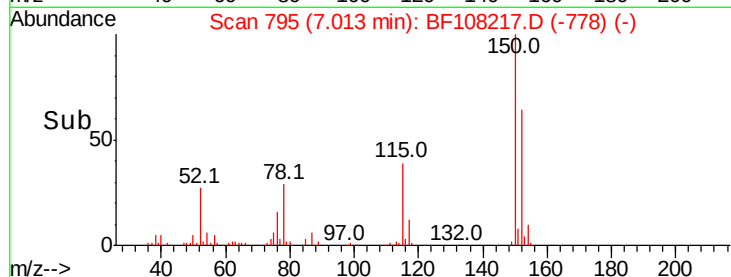


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

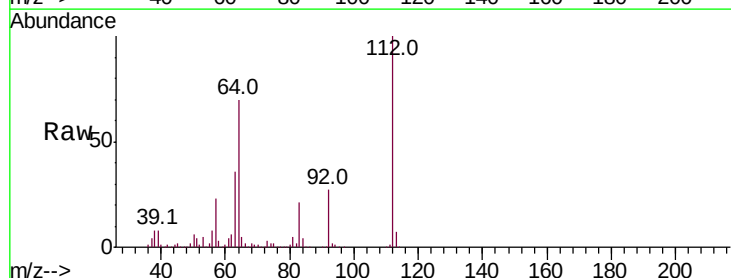
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 66.055 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108217.D
Acq: 17 Aug 2018 1:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	35.7	23.7	35.5

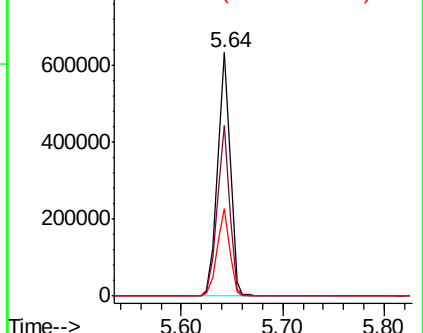
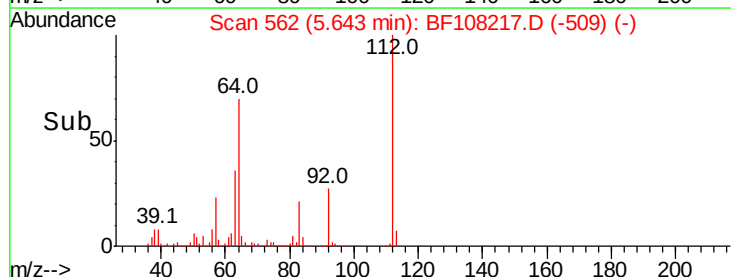


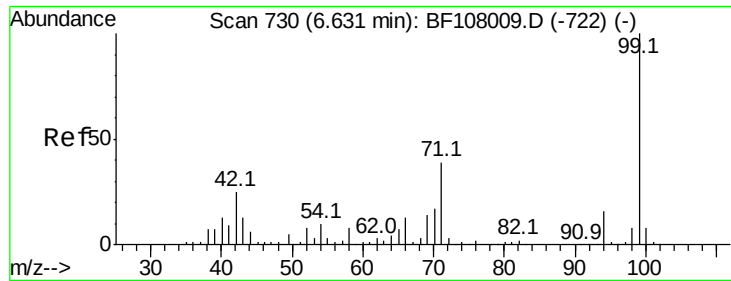
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 85.753 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108217.D

Acq: 17 Aug 2018 1:25

Instrument :

BNA_F

ClientSampleId :

LGS-CONCRETE

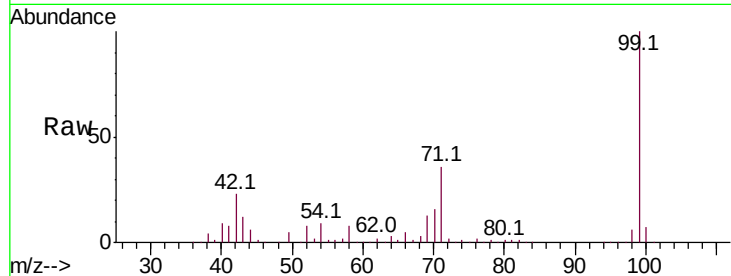
Tot Ion: 99 Resp: 964414

Ion Ratio Lower Upper

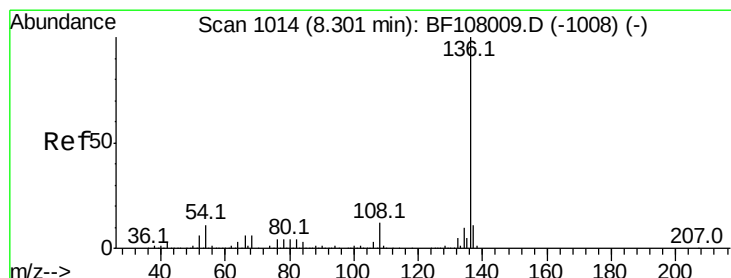
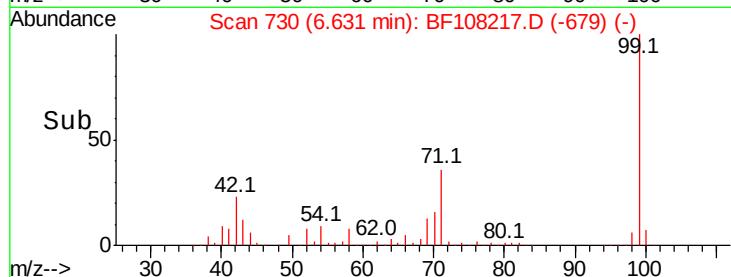
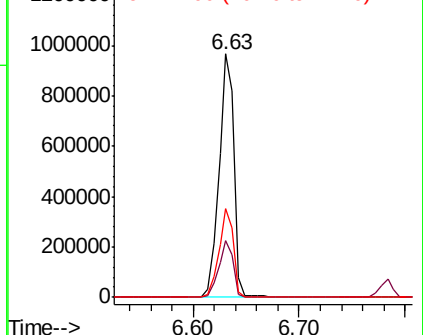
99 100

42 23.3 14.5 21.7#

71 36.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108217.D

Acq: 17 Aug 2018 1:25

Tgt Ion: 136 Resp: 569373

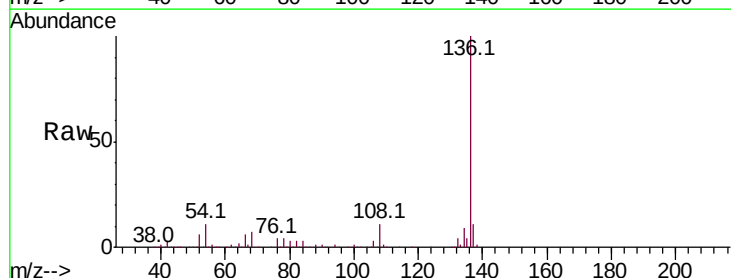
Ion Ratio Lower Upper

136 100

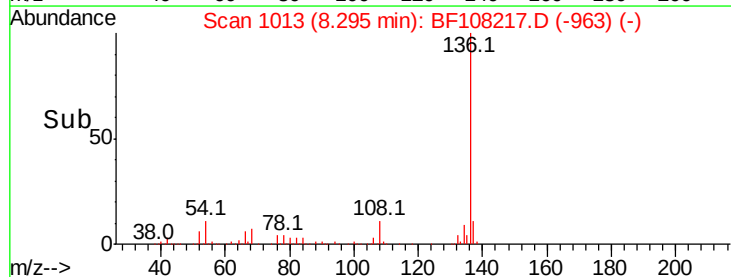
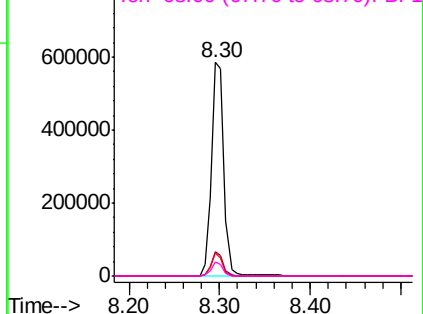
137 11.2 8.9 13.3

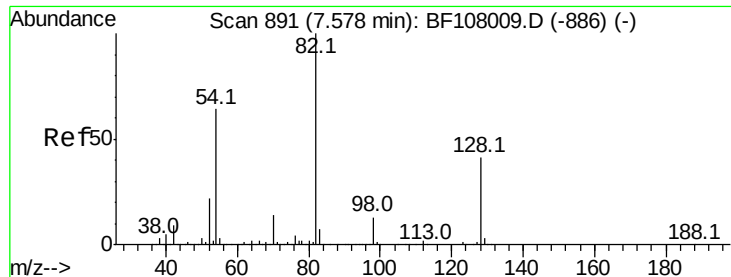
54 10.6 6.6 9.8#

68 6.7 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 68.546 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108217.D

Acq: 17 Aug 2018 1:25

Instrument :

BNA_F

ClientSampleId :

LGS-CONCRETE

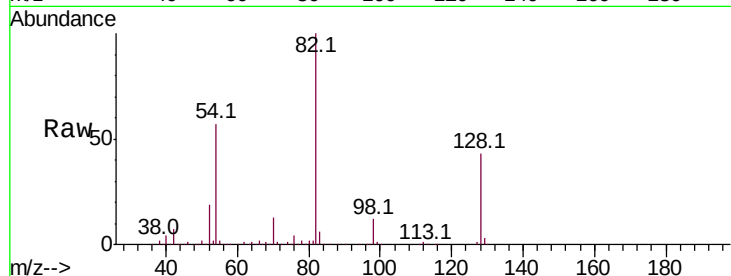
Tot Ion: 82 Resp: 699413

Ion Ratio Lower Upper

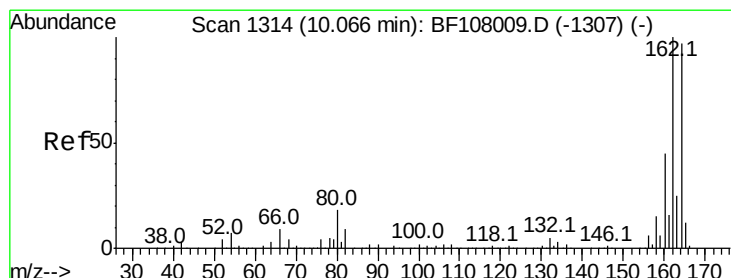
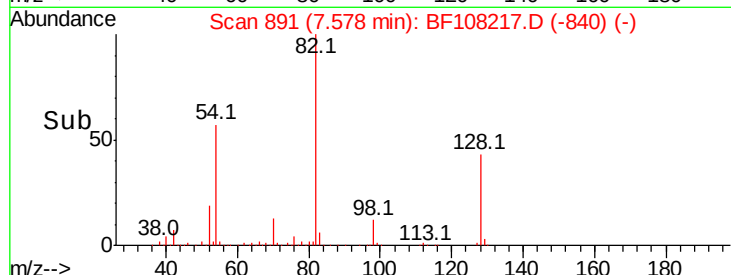
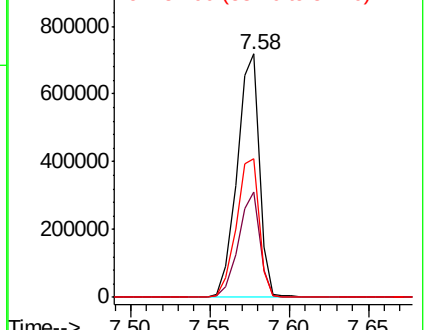
82 100

128 43.1 36.1 54.1

54 56.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108217.D

Acq: 17 Aug 2018 1:25

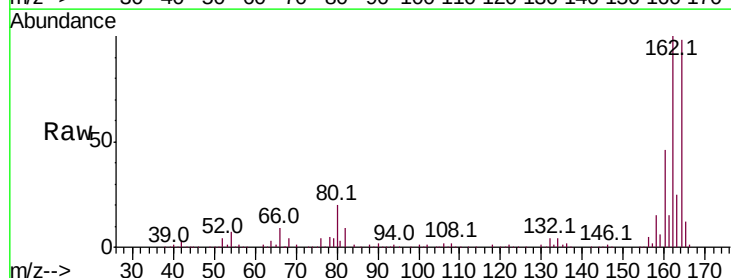
Tgt Ion:164 Resp: 271483

Ion Ratio Lower Upper

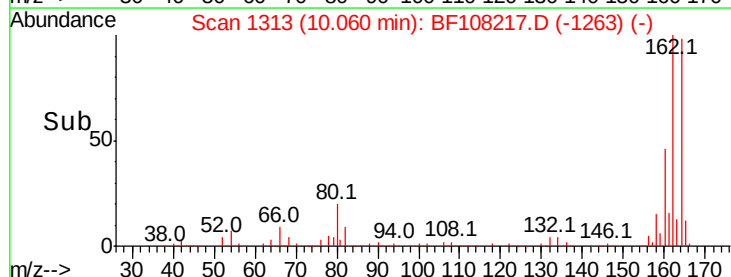
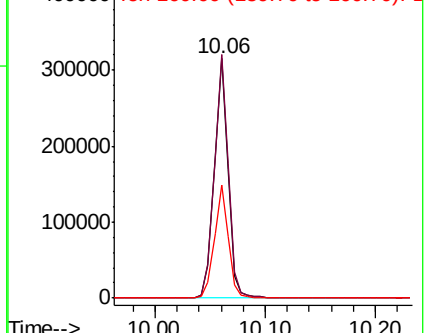
164 100

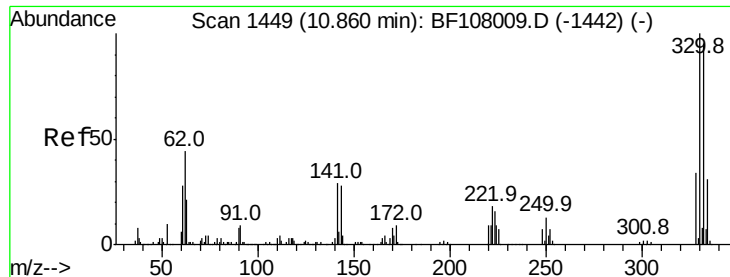
162 101.6 86.1 129.1

160 47.1 38.3 57.5



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

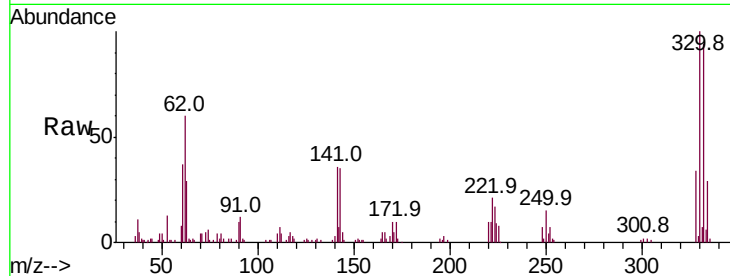




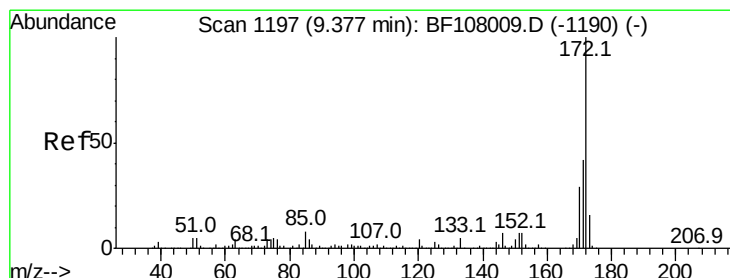
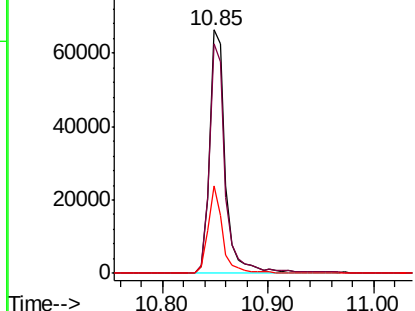
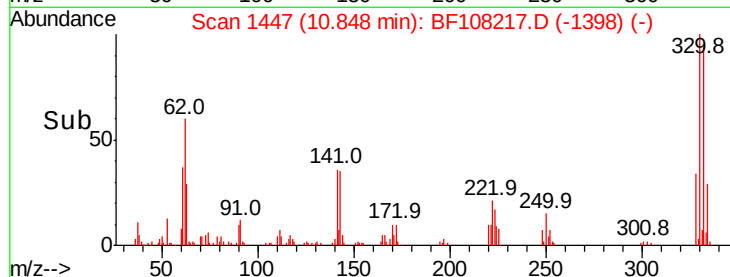
#41
 2,4,6-Tribromophenol
 Concen: 26.032 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108217.D
 Acq: 17 Aug 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 LGS-CONCRETE

Tot Ion:330 Resp: 70494
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 32.4 29.9 44.9

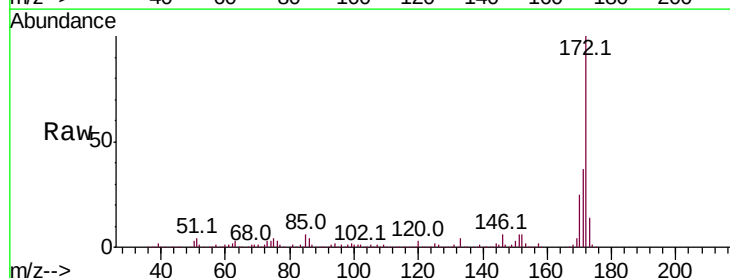


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

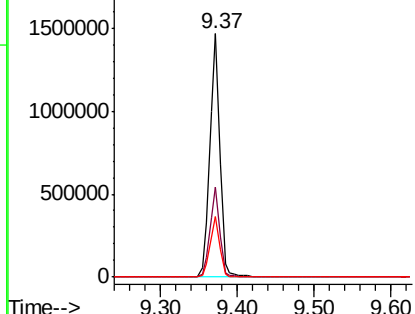
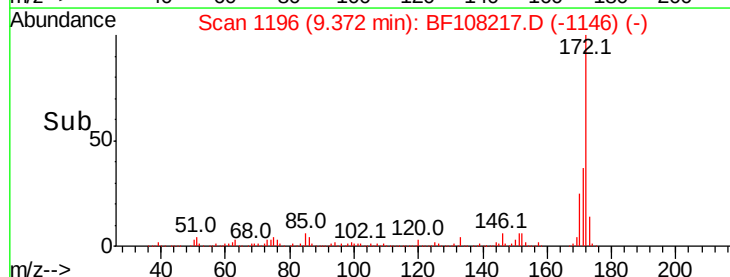


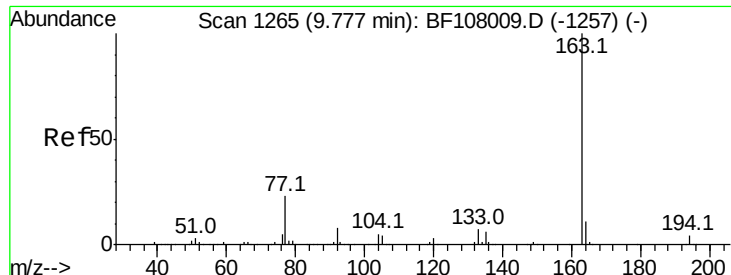
#44
 2-Fluorobiphenyl
 Concen: 77.757 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108217.D
 Acq: 17 Aug 2018 1:25

Tgt Ion:172 Resp: 1314869
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.7 19.6 29.4



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

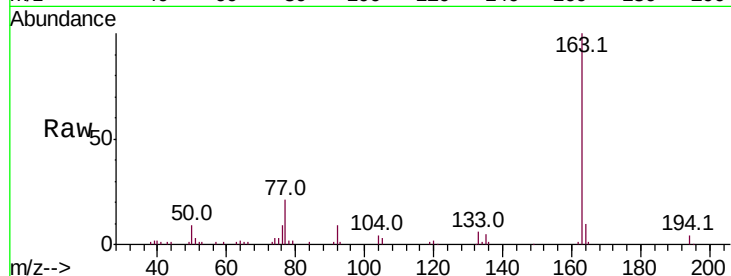




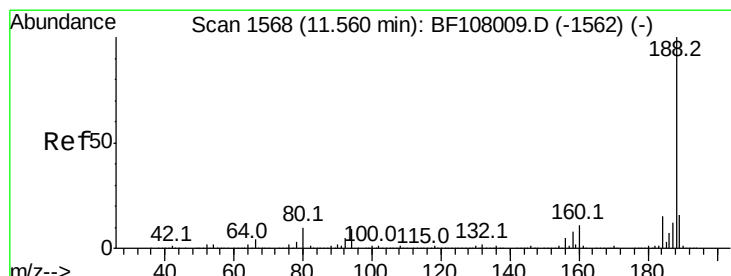
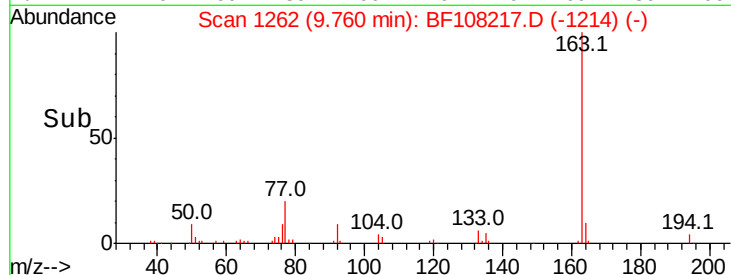
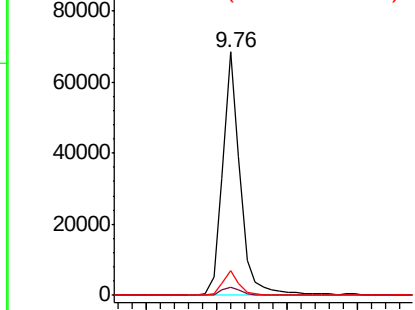
#49
 Dimethylphthalate
 Concen: 3.142 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108217.D
 Acq: 17 Aug 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 LGS-CONCRETE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2

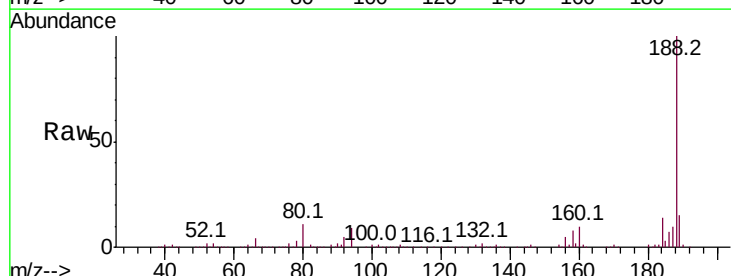


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

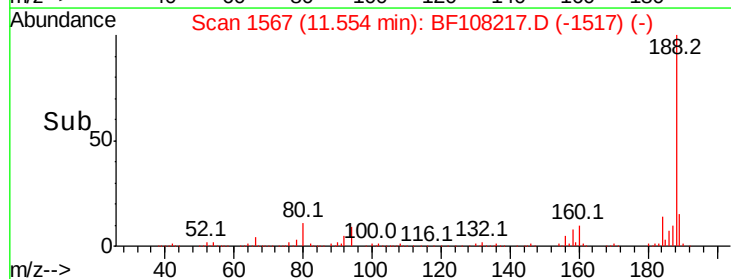
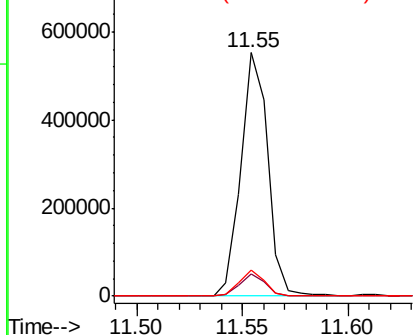


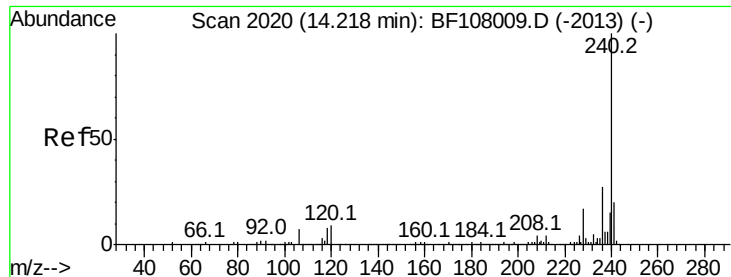
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108217.D
 Acq: 17 Aug 2018 1:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.7	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108217.D

Acq: 17 Aug 2018 1:25

Instrument :

BNA_F

ClientSampleId :

LGS-CONCRETE

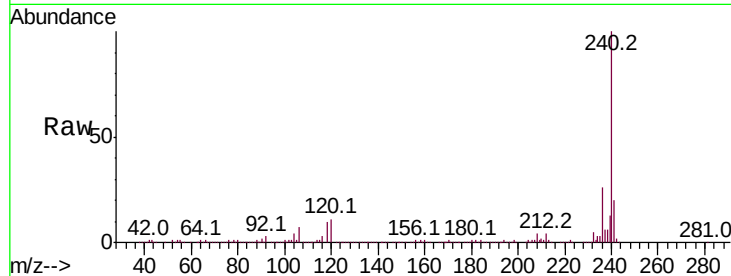
Tot Ion:240 Resp: 463757

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

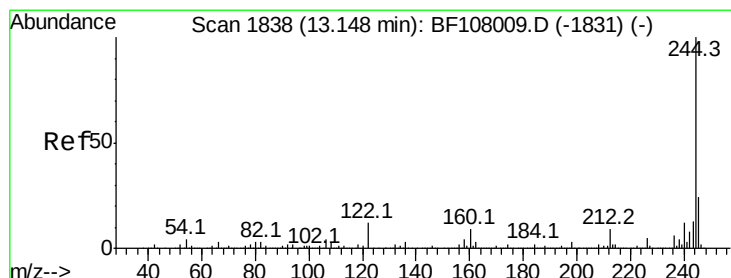
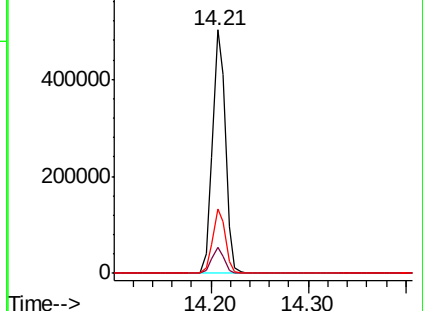
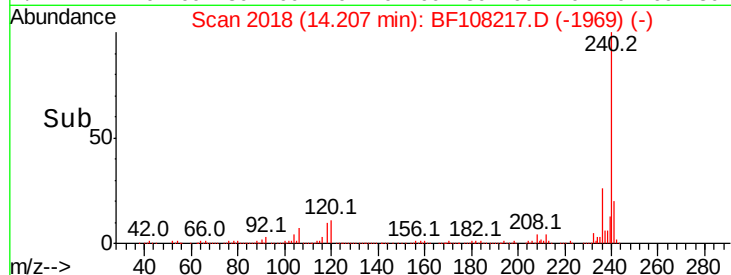
236 26.3 20.7 31.1



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: 74.923 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108217.D

Acq: 17 Aug 2018 1:25

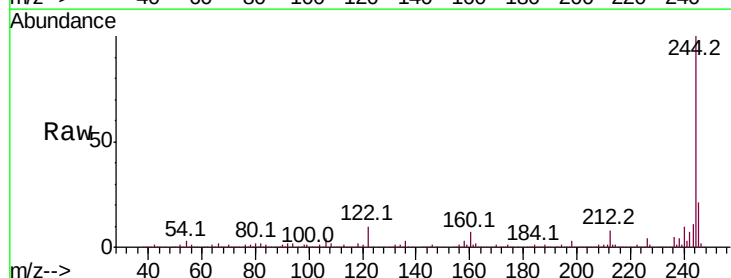
Tgt Ion:244 Resp: 1366580

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

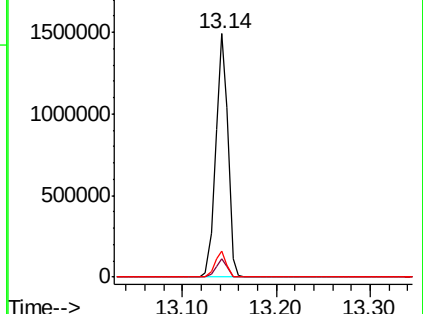
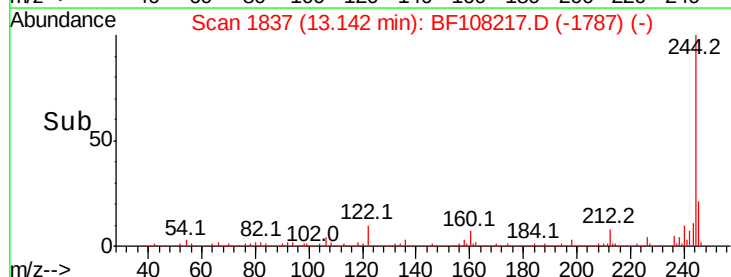
122 10.5 11.0 16.4#

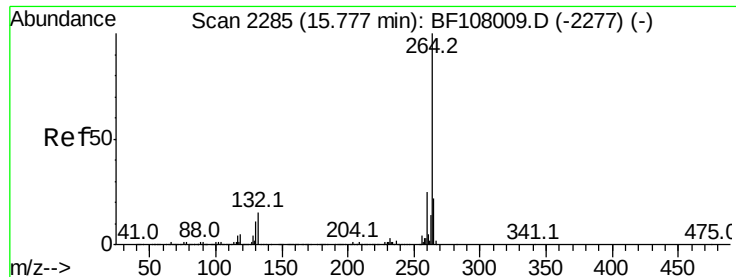


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108217.D
Acq: 17 Aug 2018 1:25

Instrument :
BNA_F
ClientSampleId :
LGS-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3

