

Data Path : \\74.0.250.170\TERASTORAGE\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 04:09:15 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

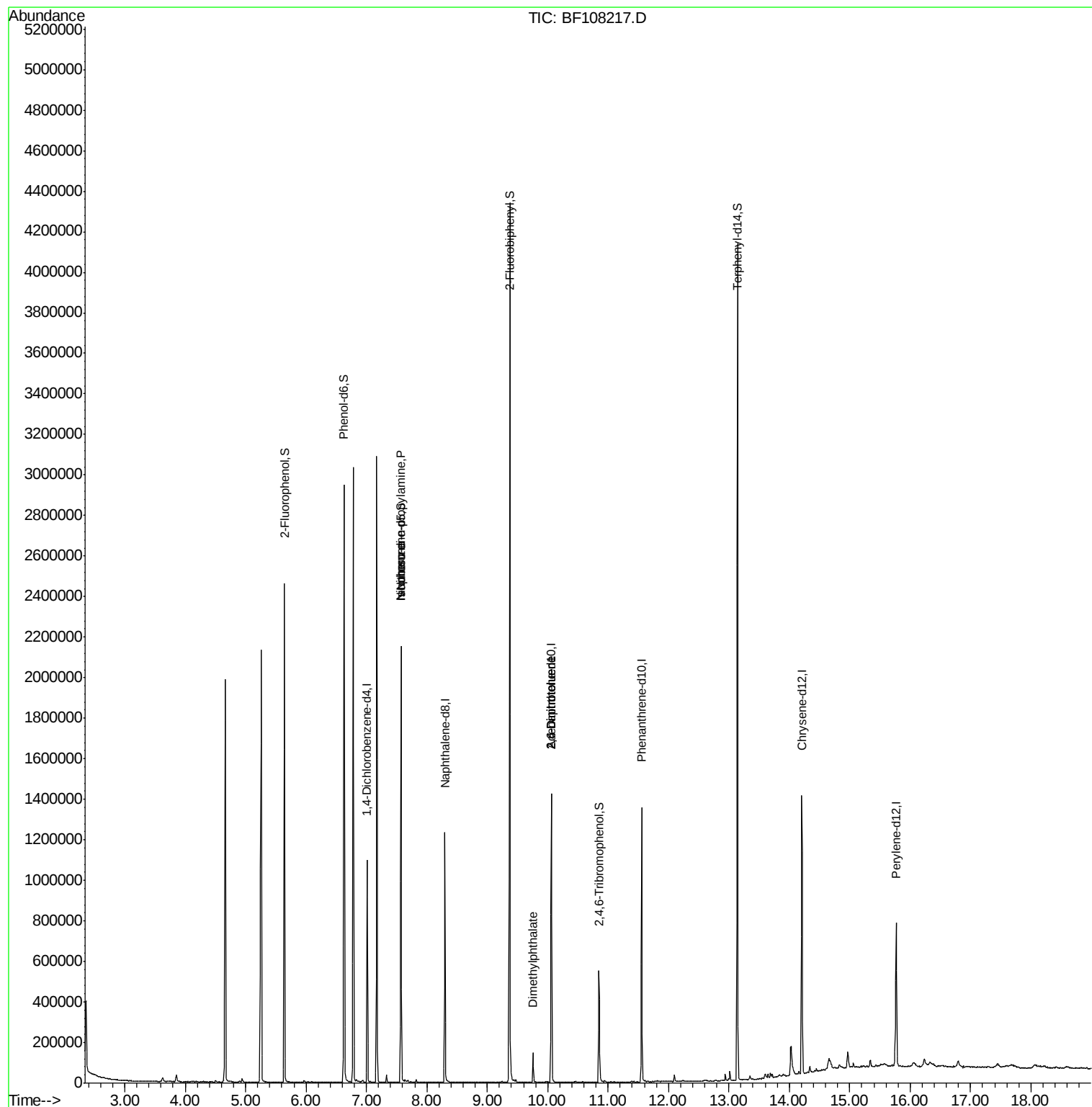
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	153222	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	569373	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	271483	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	488433	20.00	ng	0.00
75) Chrysene-d12	14.21	240	463757	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						
19) n-Nitroso-di-n-propylamine	7.58	70	94995	12.491	ng	# 83
25) Isophorone	7.58	82	699405	35.962	ng	# 64
49) Dimethylphthalate	9.76	163	59415	3.142	ng	# 99
50) 2,6-Dinitrotoluene	10.06	165	33581	8.487	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	33581	6.594	ng	# 23

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

Data Path : \\74.0.250.170\TERASTORAGE\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 04:09:15 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





#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

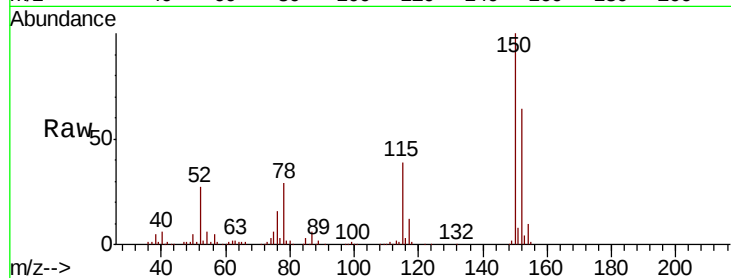
Tgt Ion:152 Resp: 153222

Ion Ratio Lower Upper

152 100

150 157.4 124.6 186.8

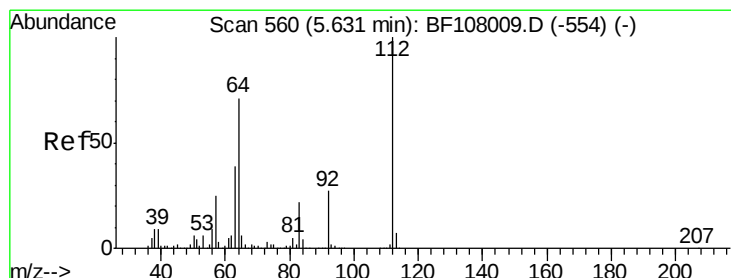
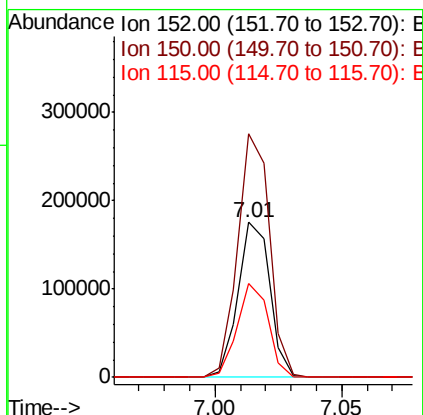
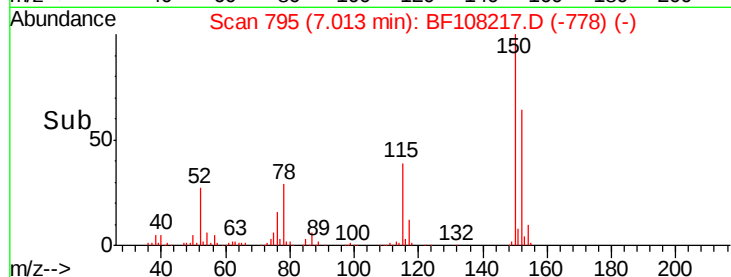
115 61.1 50.1 75.1



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

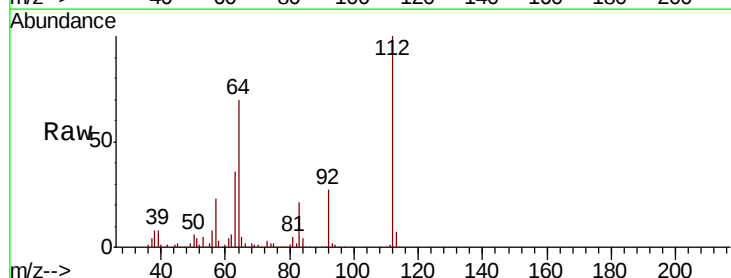
Tgt Ion:112 Resp: 559039

Ion Ratio Lower Upper

112 100

64 70.1 47.9 71.9

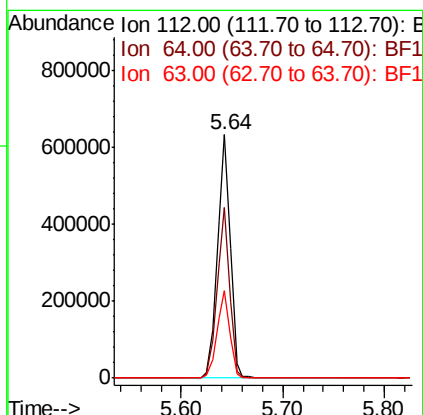
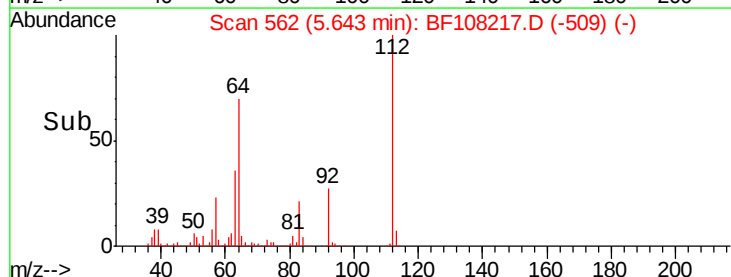
63 35.7 23.7 35.5#



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

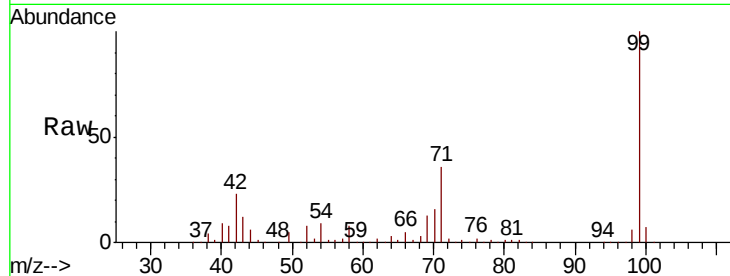
Tgt Ion: 99 Resp: 964414

Ion Ratio Lower Upper

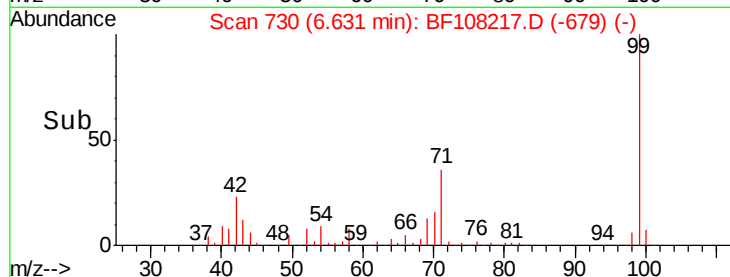
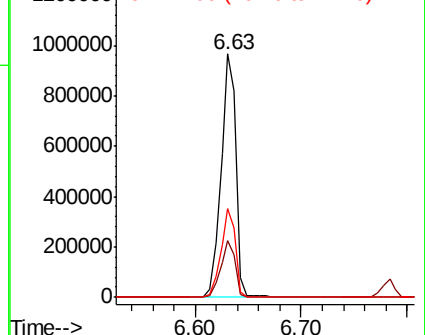
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 12.491 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108217.D

Acq: 17 Aug 2018 1:25

Tgt Ion: 70 Resp: 94995

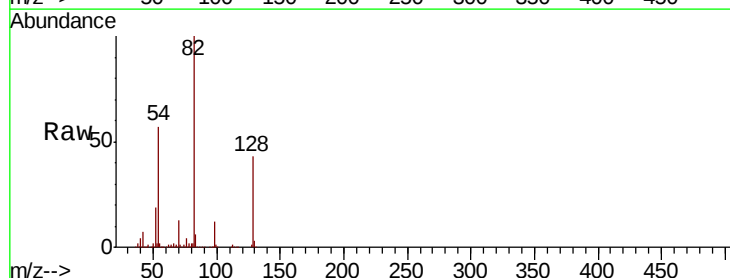
Ion Ratio Lower Upper

70 100

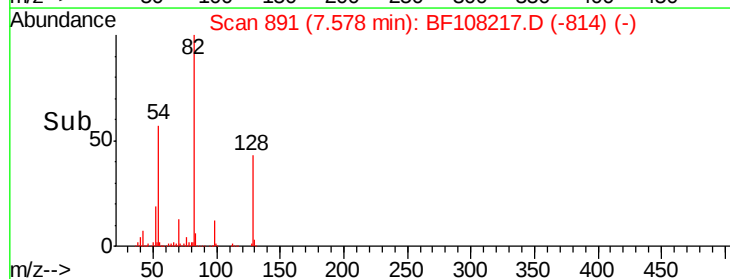
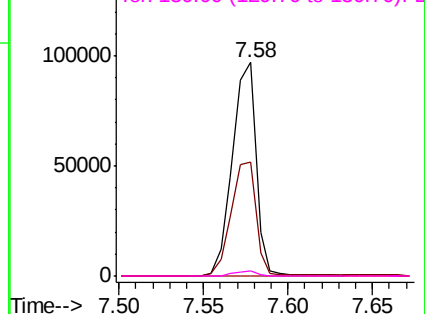
42 53.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

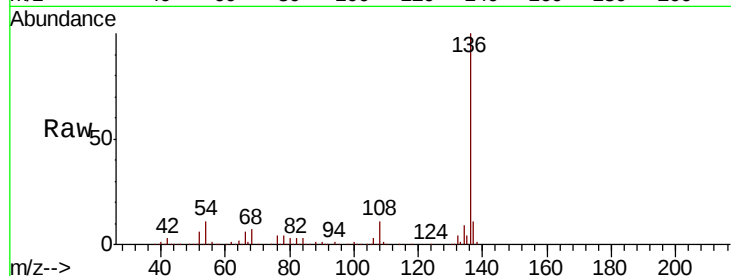




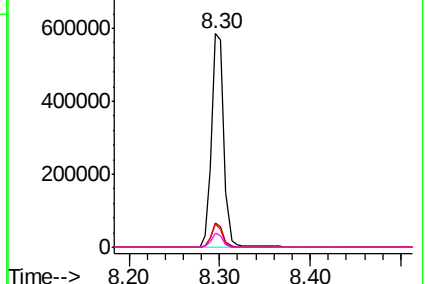
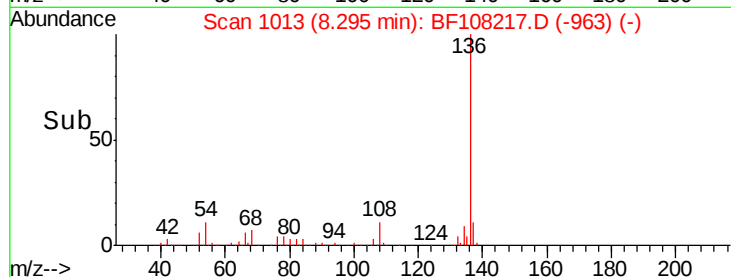
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108217.D
Acq: 17 Aug 2018 1:25

Instrument :
BNA_F
ClientSampleId :
LGS-CONCRETE

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

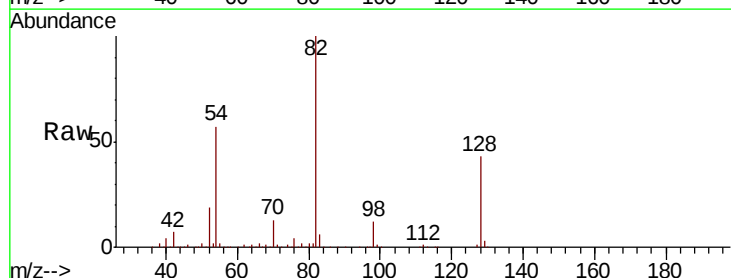


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

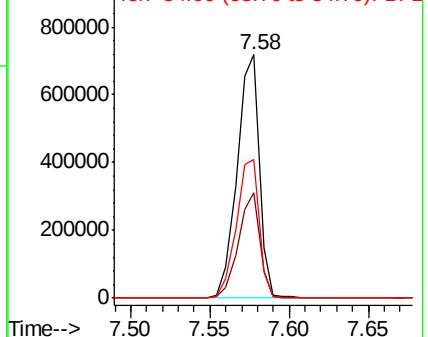
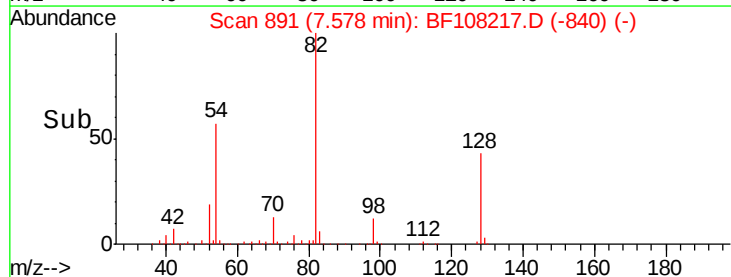


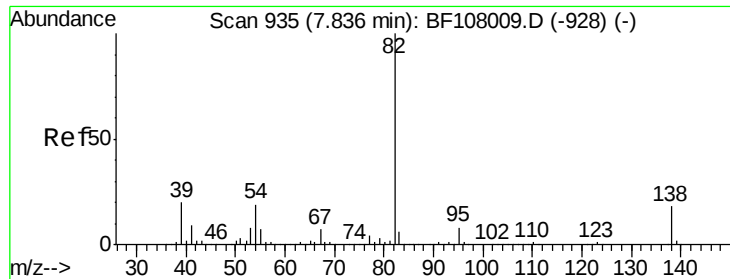
#23
Nitrobenzene-d5
Concen: 68.546 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108217.D
Acq: 17 Aug 2018 1:25

Tgt 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





#25

Isophorone

Concen: 35.962 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108217.D

Acq: 17 Aug 2018 1:25

Instrument :

BNA_F

ClientSampleId :

LGS-CONCRETE

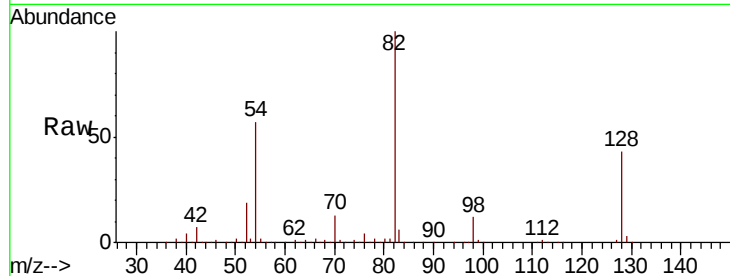
Tgt Ion: 82 Resp: 699405

Ion Ratio Lower Upper

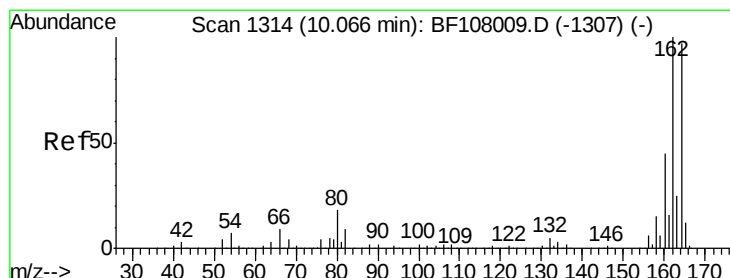
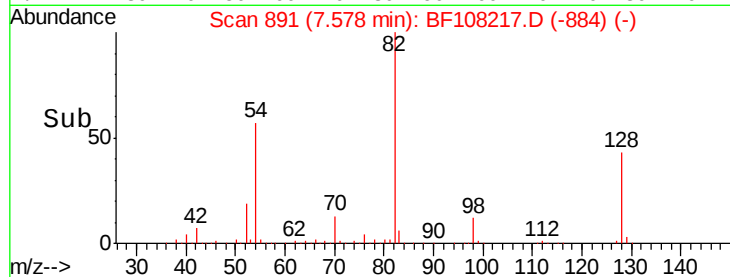
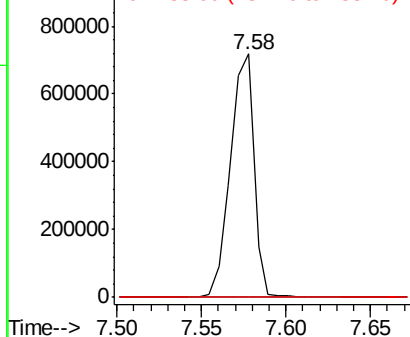
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#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

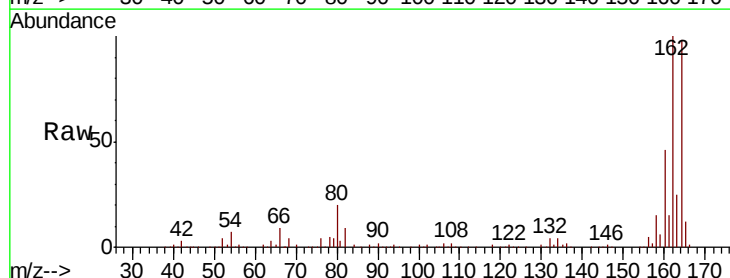
Tgt Ion: 164 Resp: 271483

Ion Ratio Lower Upper

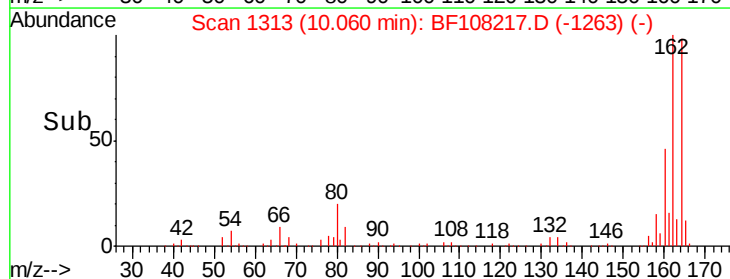
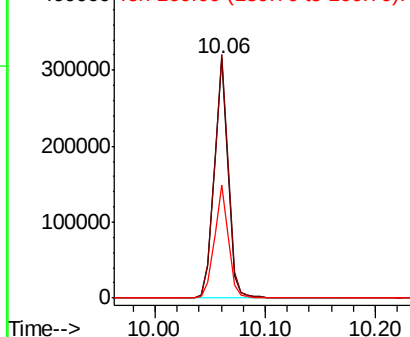
164 100

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

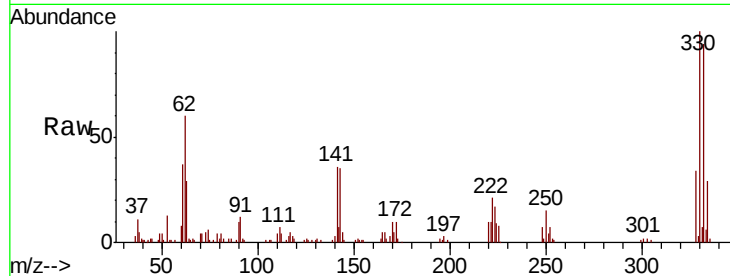




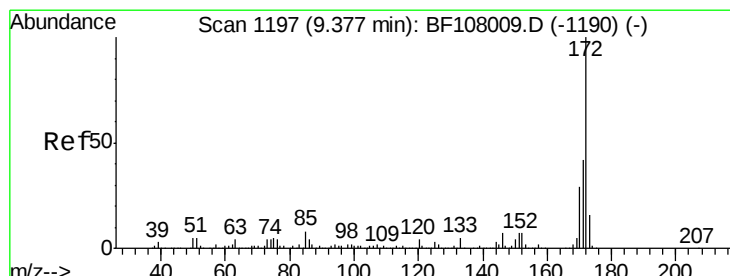
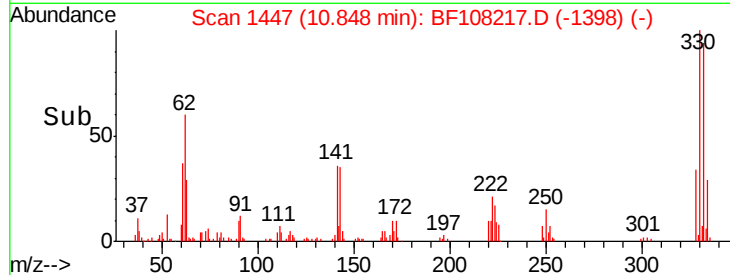
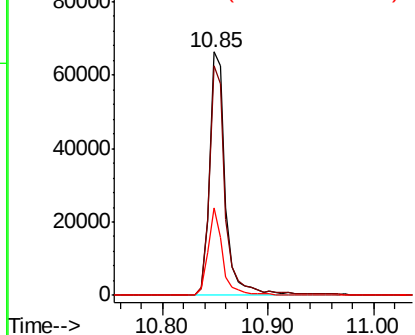
#41
 2,4,6-Tribromophenol
 Concen: 26.032 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108217.D
 Acq: 17 Aug 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 LGS-CONCRETE

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

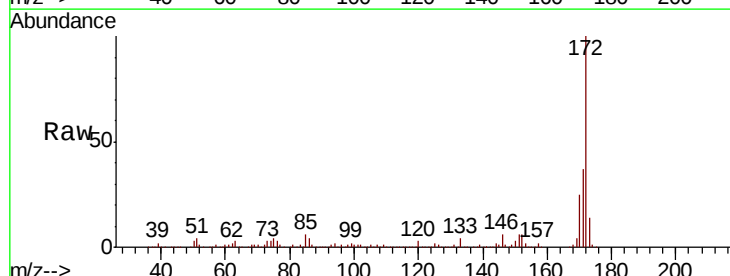


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

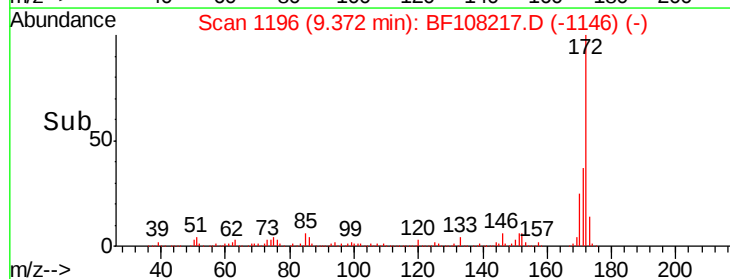
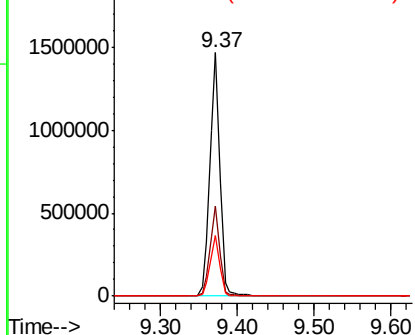


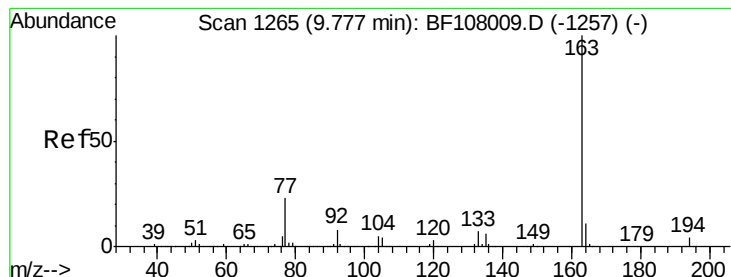
#44
 2-Fluorobiphenyl
 Concen: 77.757 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108217.D
 Acq: 17 Aug 2018 1:25

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

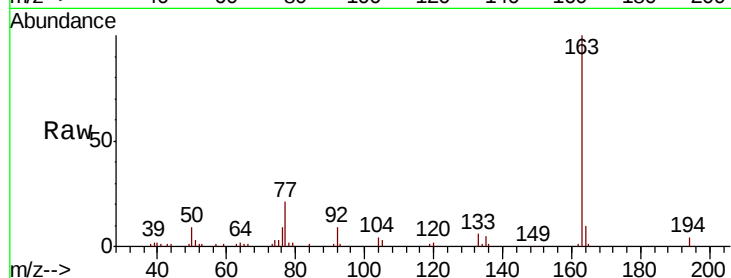
Tgt Ion:163 Resp: 59415

Ion Ratio Lower Upper

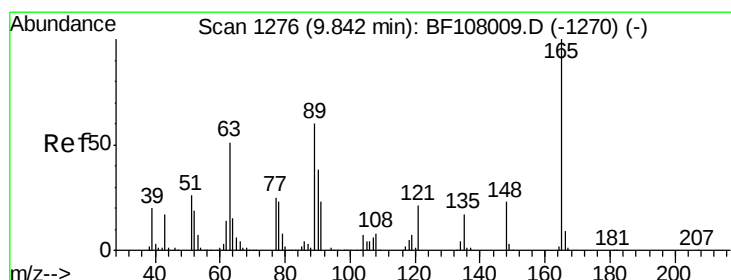
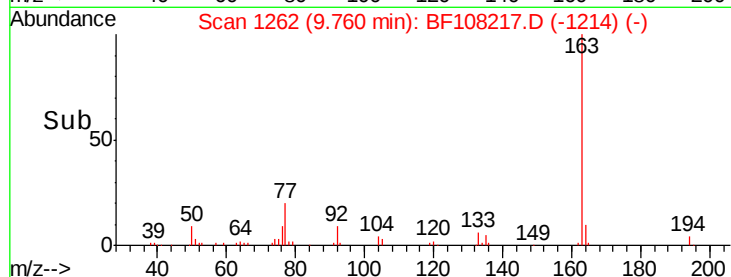
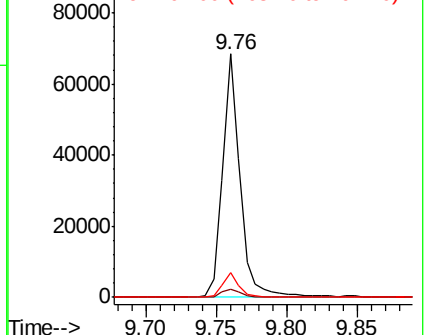
163 100

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



#50

2,6-Dinitrotoluene

Concen: 8.487 ng

RT: 10.06 min Scan# 1313

Delta R.T. 0.22 min

Lab File: BF108217.D

Acq: 17 Aug 2018 1:25

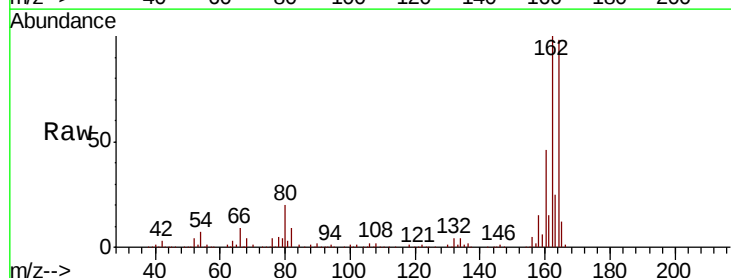
Tgt Ion:165 Resp: 33581

Ion Ratio Lower Upper

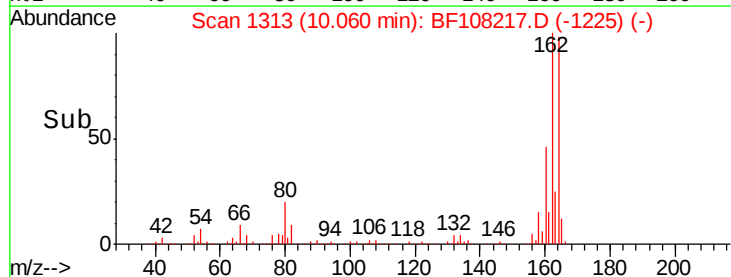
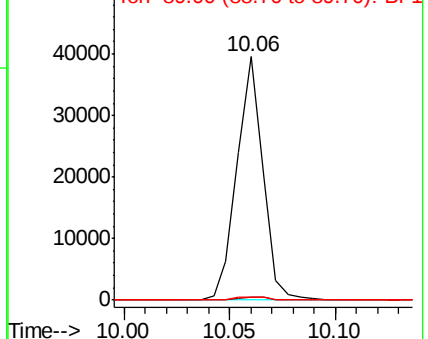
165 100

63 1.3 44.7 67.1#

89 1.4 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

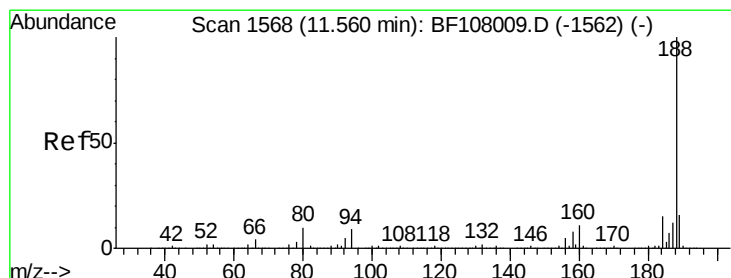
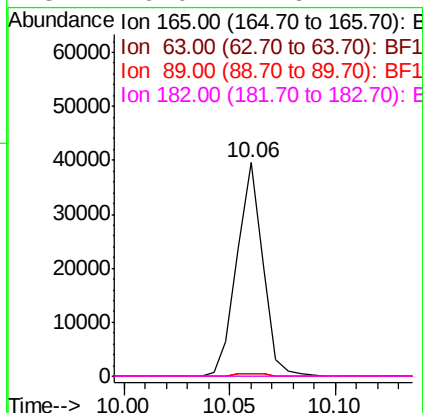
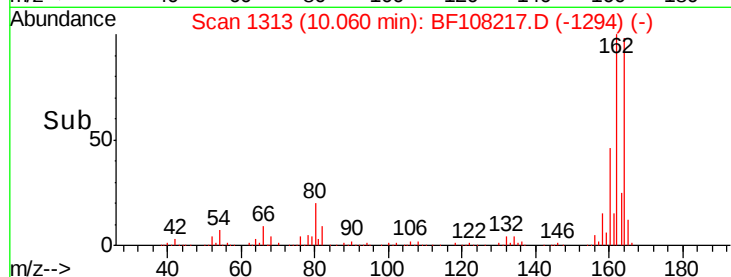
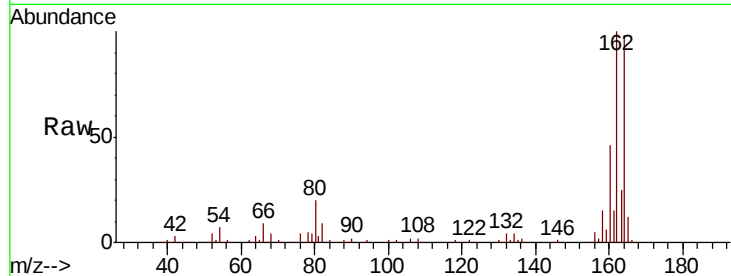




#56
 2,4-Dinitrotoluene
 Concen: 6.594 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108217.D
 Acq: 17 Aug 2018 1:25

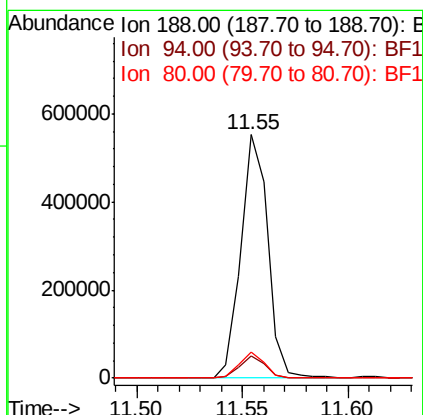
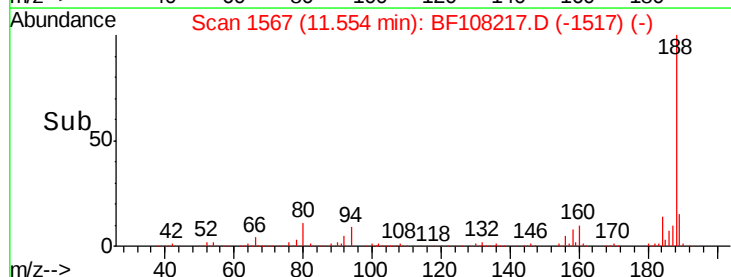
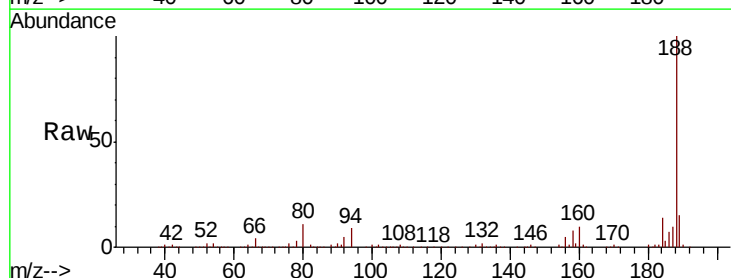
Instrument :
 BNA_F
 ClientSampleId :
 LGS-CONCRETE

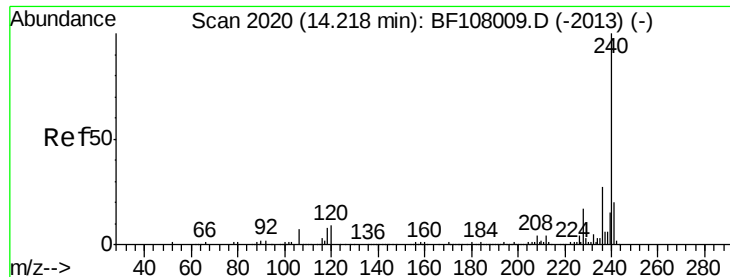
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#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





#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

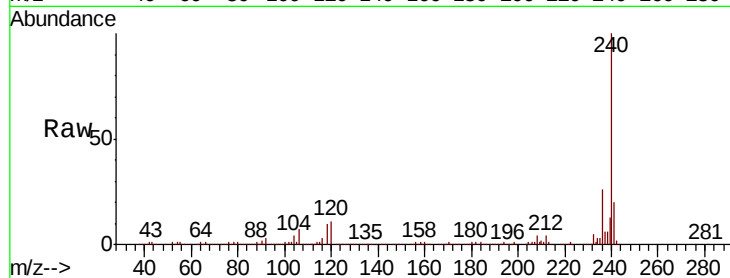
Tgt Ion:240 Resp: 463757

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

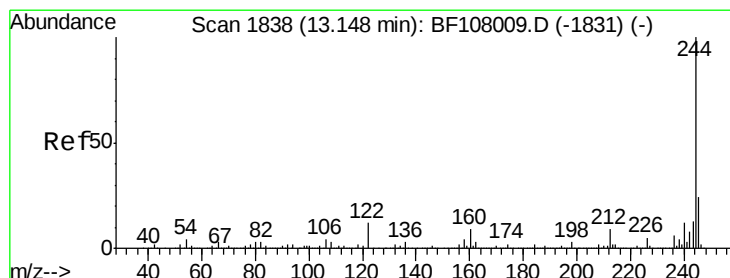
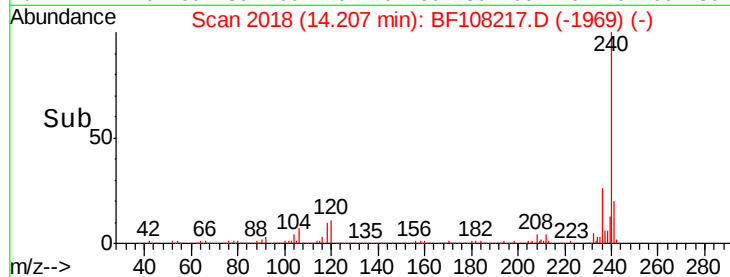
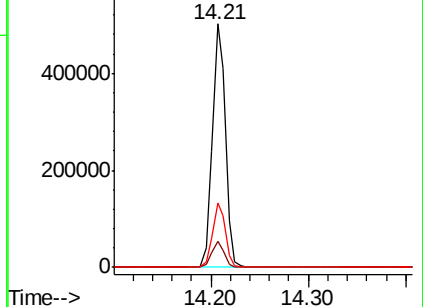
236 26.3 20.7 31.1



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

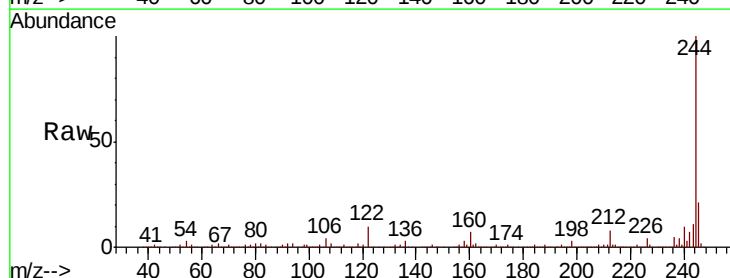
Tgt Ion:244 Resp: 1366580

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

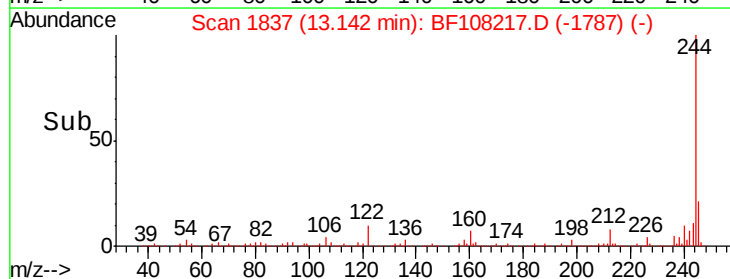
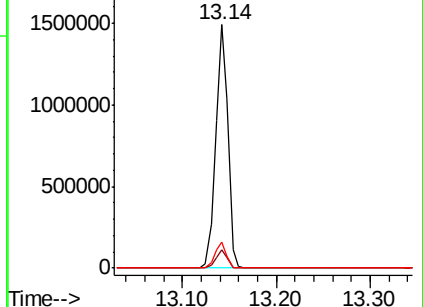
122 10.5 11.0 16.4#

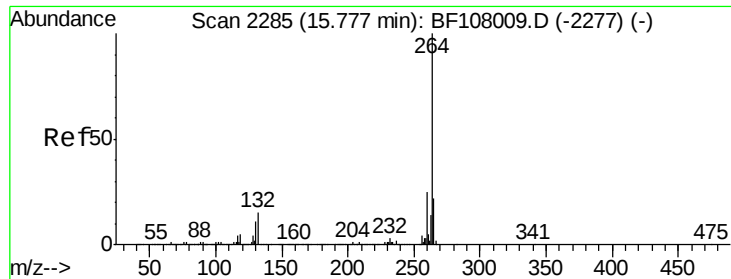


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

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

