

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080320\
 Data File : BF121180.D
 Acq On : 3 Aug 2020 17:14
 Operator : JU/CG
 Sample : L3522-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-31-20-CONCRETE

Quant Time: Aug 03 17:36:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

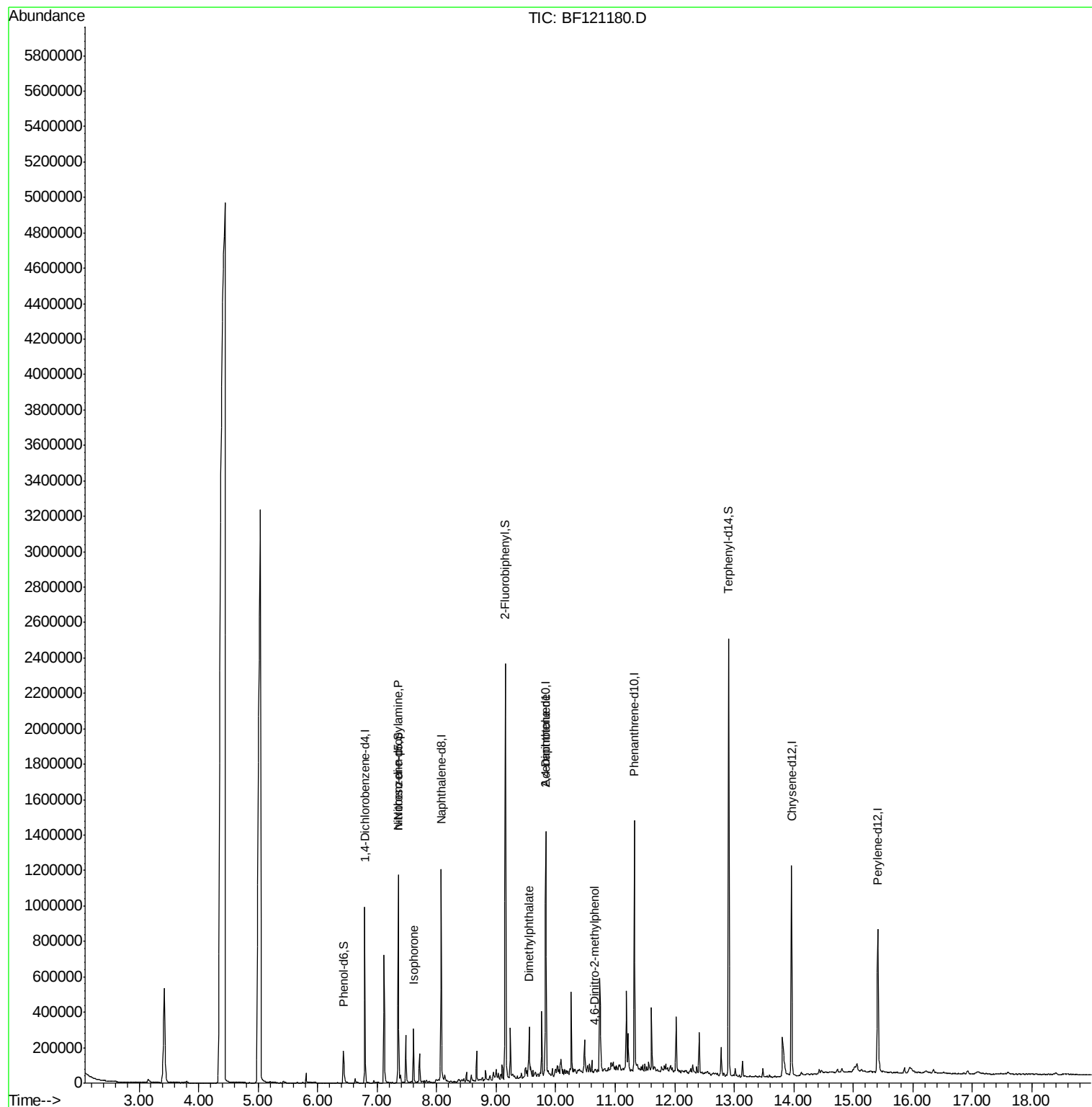
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141800	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	545270	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	285542	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	552658	20.00	ng	0.00
76) Chrysene-d12	13.96	240	424104	20.00	ng	0.00
86) Perylene-d12	15.41	264	388435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	5074	0.59	ng	0.00
7) Phenol-d6	6.43	99	83275	7.45	ng	-0.01
23) Nitrobenzene-d5	7.36	82	393063	41.71	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.15	172	784696	41.03	ng	-0.01
79) Terphenyl-d14	12.91	244	866681	44.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	51730	8.142	ng	# 78
25) Isophorone	7.61	82	116446	6.192	ng	96
50) Dimethylphthalate	9.55	163	95438	4.633	ng	98
57) 2,4-Dinitrotoluene	9.83	165	38314	6.592	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.66	198	447	3.971	ng	# 1

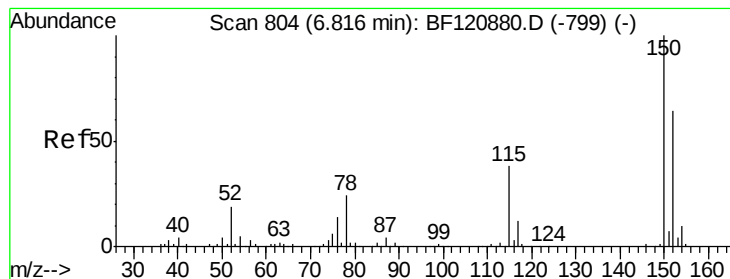
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080320\
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QLast Update : Wed Jul 29 14:55:43 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121180.D

Acq: 3 Aug 2020 17:14

Instrument :

BNA_F

ClientSampleId :

7-31-20-CONCRETE

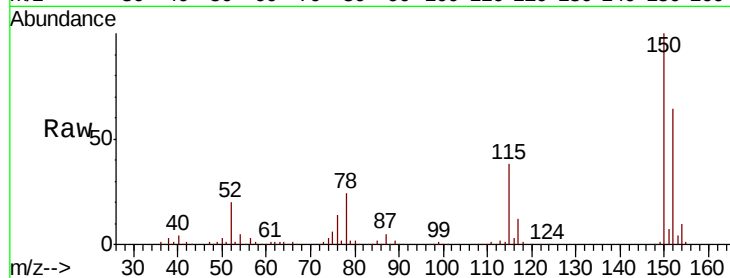
Tot Ion:152 Resp: 141800

Ion Ratio Lower Upper

152 100

150 156.3 125.6 188.4

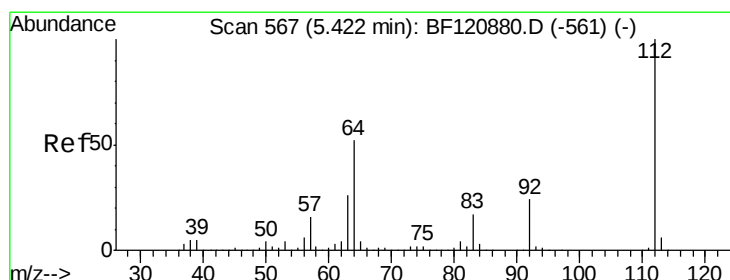
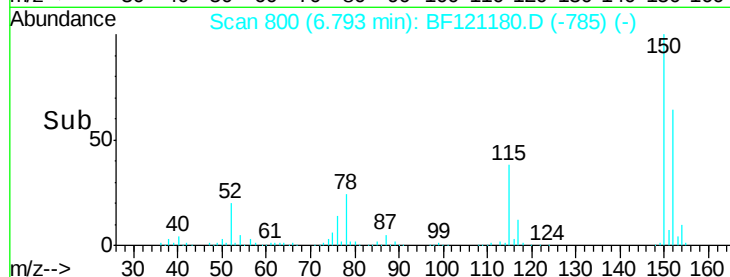
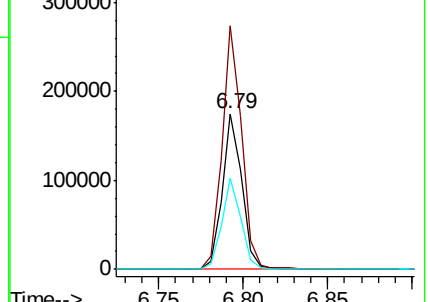
115 59.0 46.2 69.2



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: 0.587 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121180.D

Acq: 3 Aug 2020 17:14

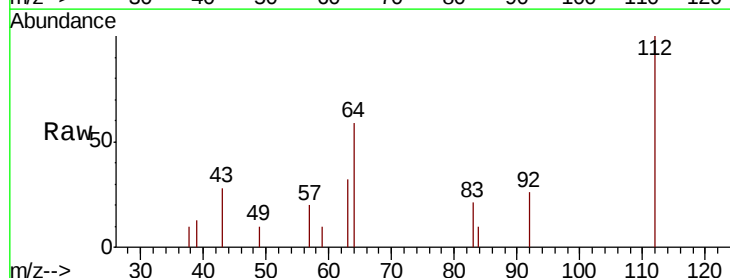
Tgt Ion:112 Resp: 5074

Ion Ratio Lower Upper

112 100

64 58.7 43.9 65.9

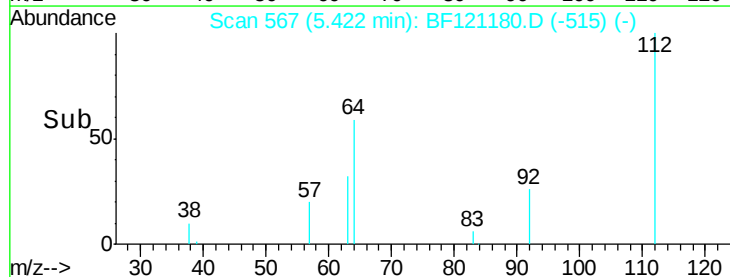
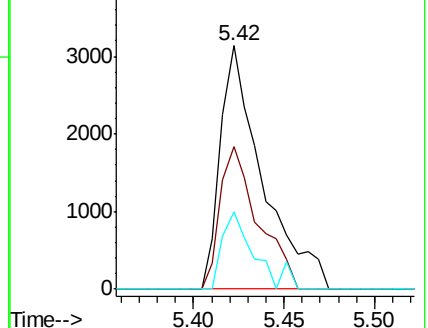
63 31.6 22.7 34.1

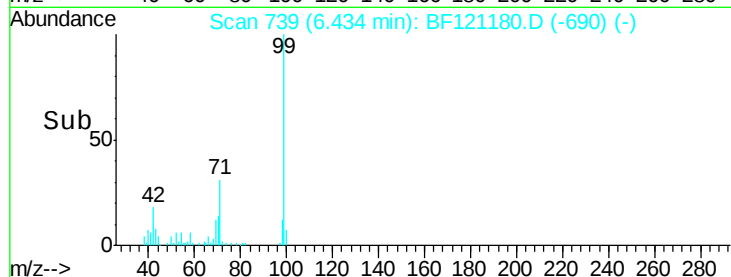
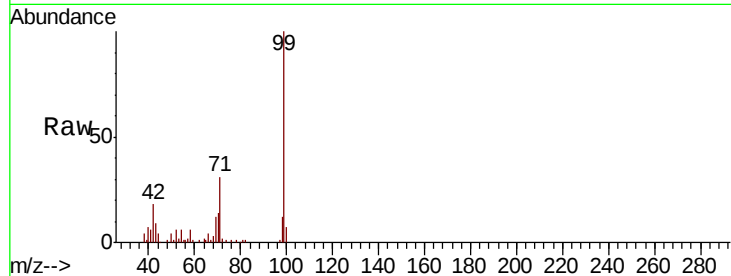
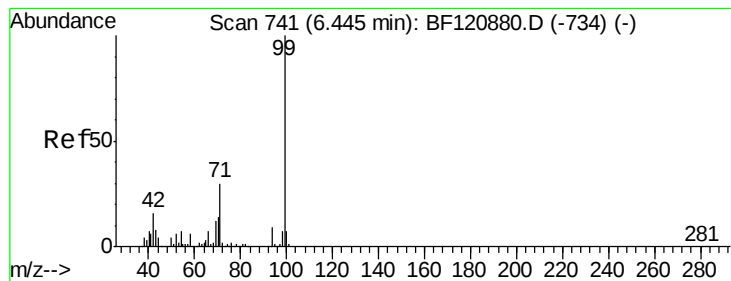


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 7.453 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121180.D

Acq: 3 Aug 2020 17:14

Instrument :

BNA_F

ClientSampleId :

7-31-20-CONCRETE

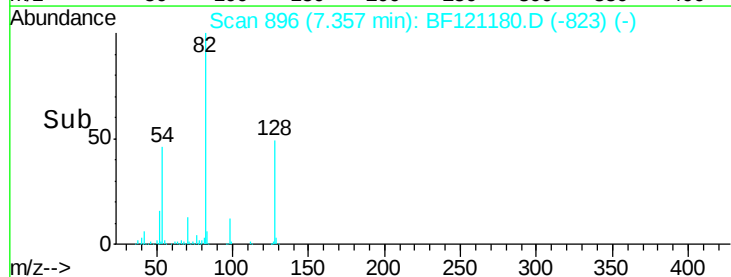
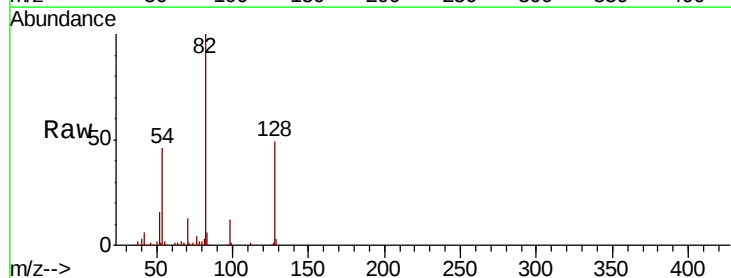
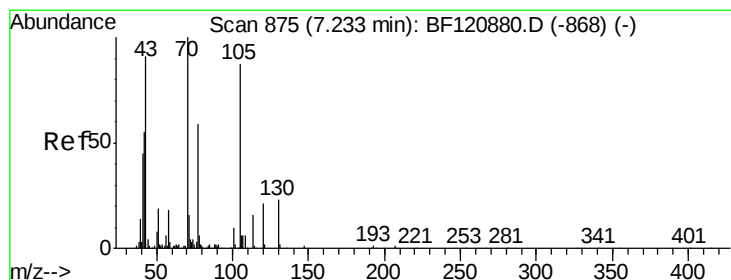
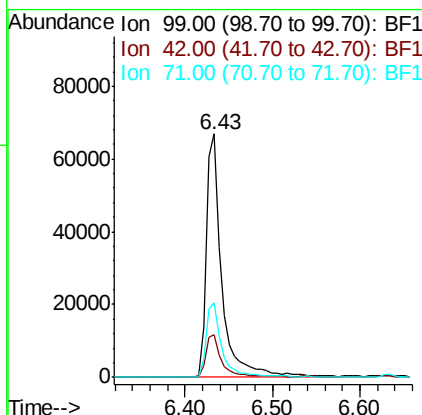
Tot Ion: 99 Resp: 83275

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 30.8 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 8.142 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121180.D

Acq: 3 Aug 2020 17:14

Tgt Ion: 70 Resp: 51730

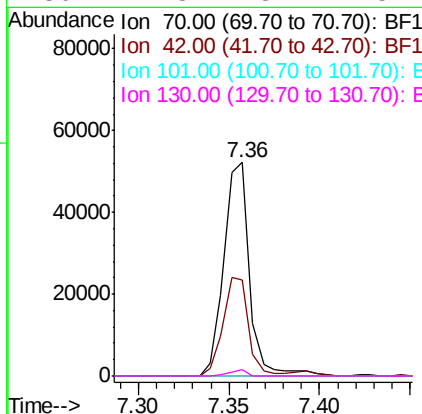
Ion Ratio Lower Upper

70 100

42 45.1 43.3 64.9

101 0.0 8.4 12.6#

130 2.8 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121180.D

Acq: 3 Aug 2020 17:14

Instrument :

BNA_F

ClientSampleId :

7-31-20-CONCRETE

Tot Ion:136 Resp: 545270

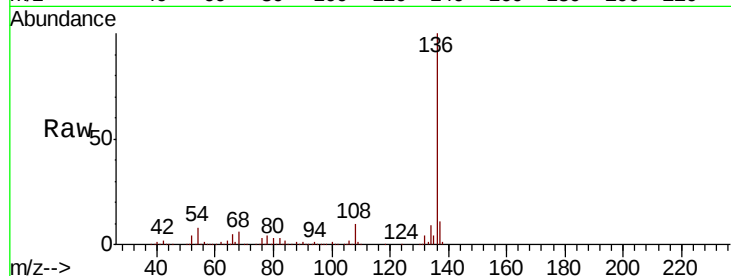
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.6 6.1 9.1

68 6.0 5.0 7.6

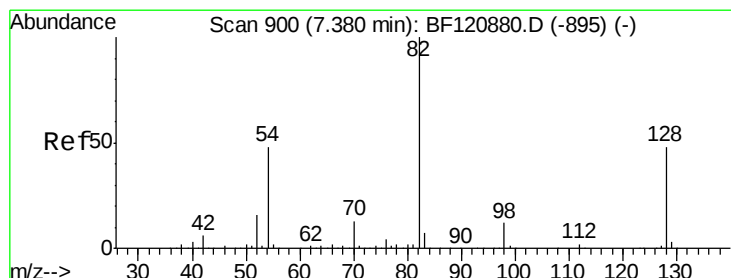
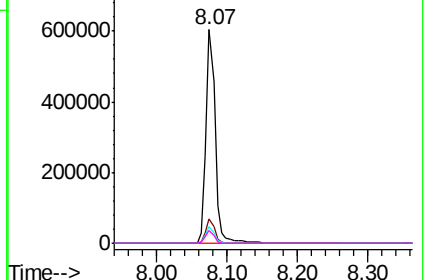
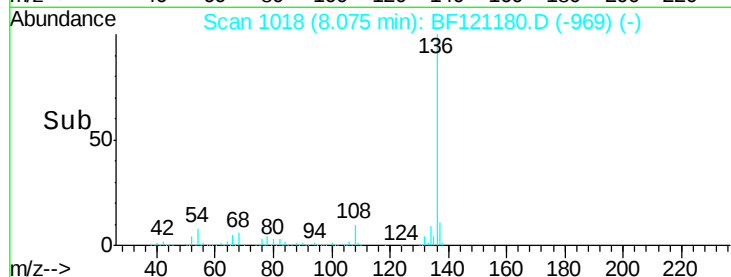


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.711 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121180.D

Acq: 3 Aug 2020 17:14

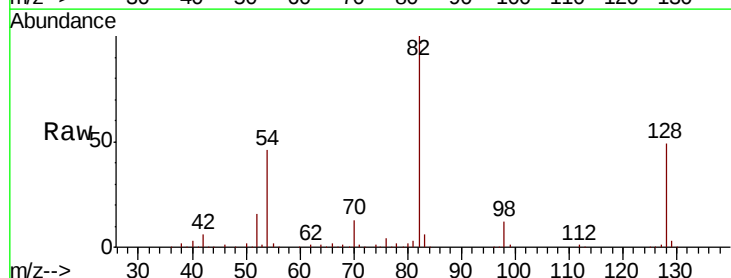
Tgt Ion: 82 Resp: 393063

Ion Ratio Lower Upper

82 100

128 48.9 39.2 58.8

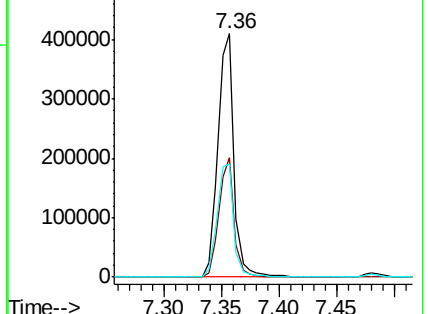
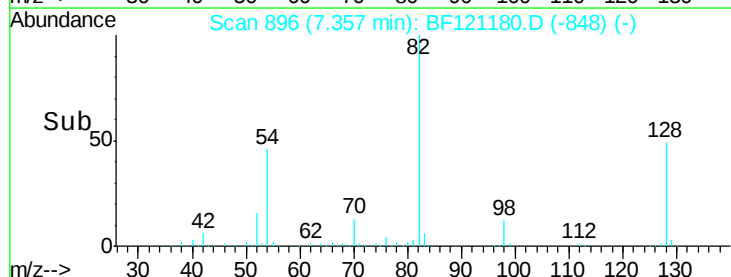
54 46.2 37.8 56.8

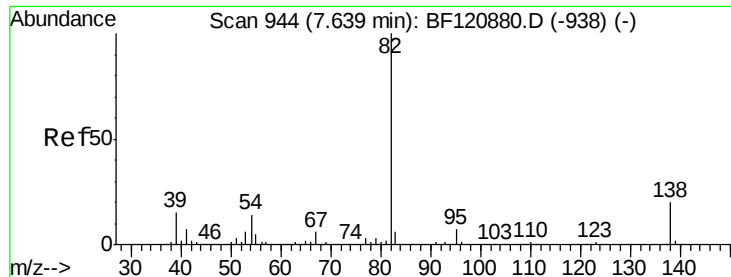


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

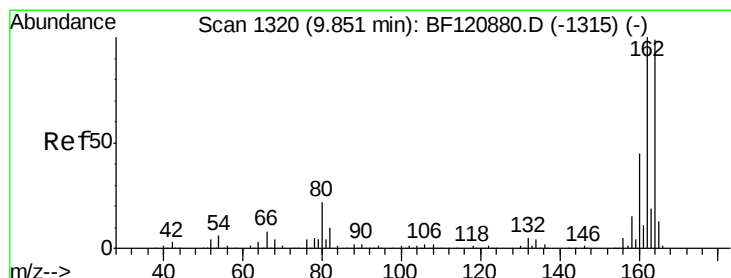
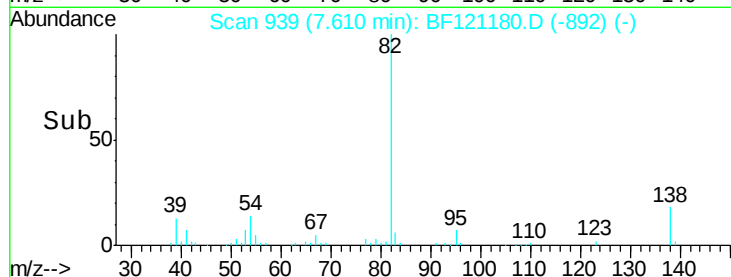
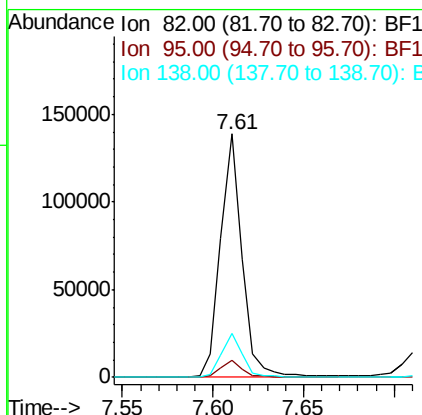
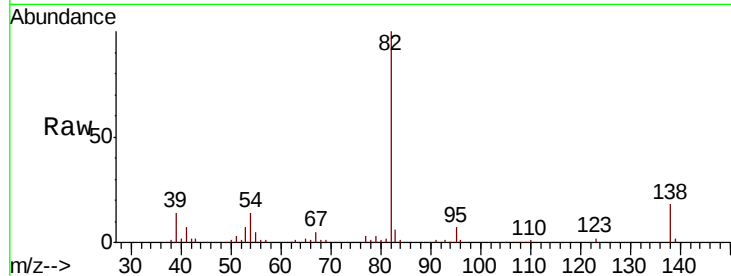




#25
Isophorone
Concen: 6.192 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.02 min
Lab File: BF121180.D
Acq: 3 Aug 2020 17:14

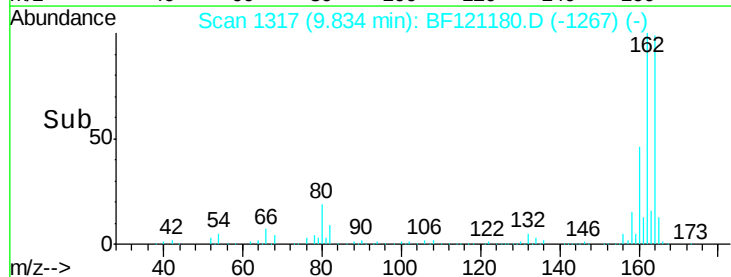
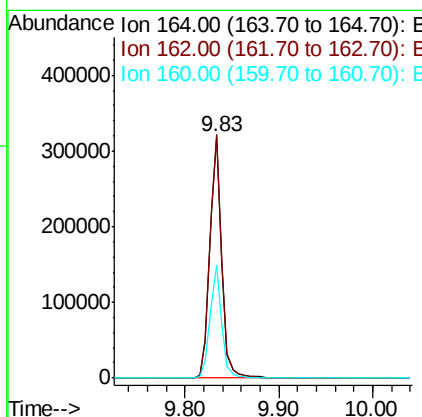
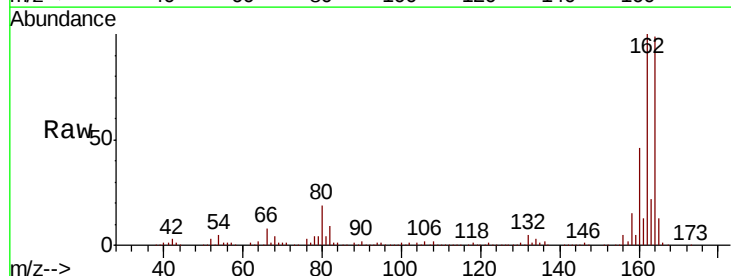
Instrument :
BNA_F
ClientSampleId :
7-31-20-CONCRETE

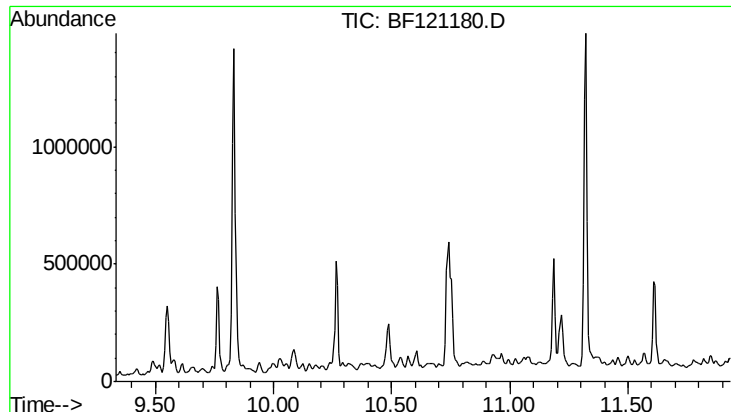
Tot Ion: 82 Resp: 116446
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.1 16.2 24.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121180.D
Acq: 3 Aug 2020 17:14

Tgt Ion:164 Resp: 285542
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 46.6 37.2 55.8

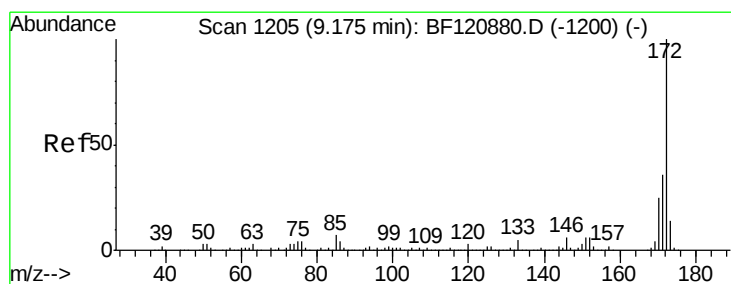
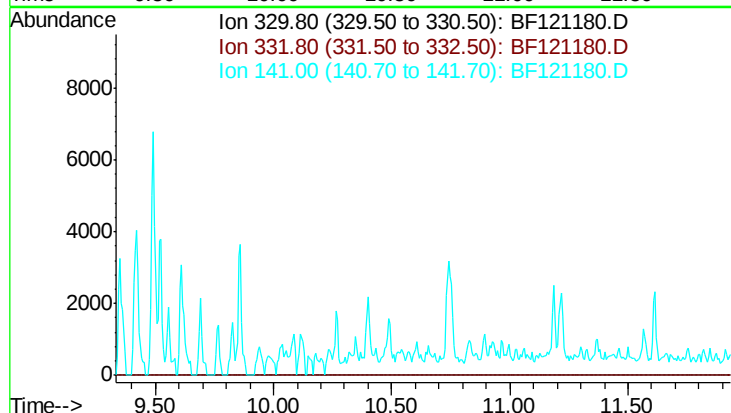




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF121180.D
 Acq: 3 Aug 2020 17:14

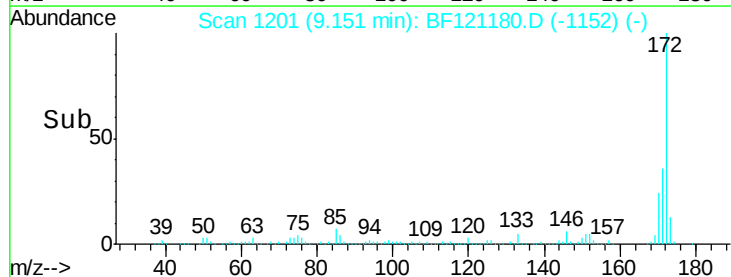
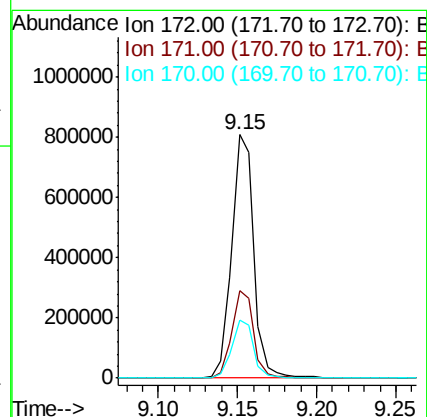
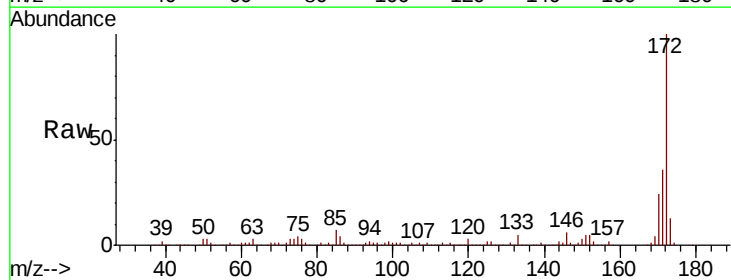
Instrument :
 BNA_F
 ClientSampleId :
 7-31-20-CONCRETE

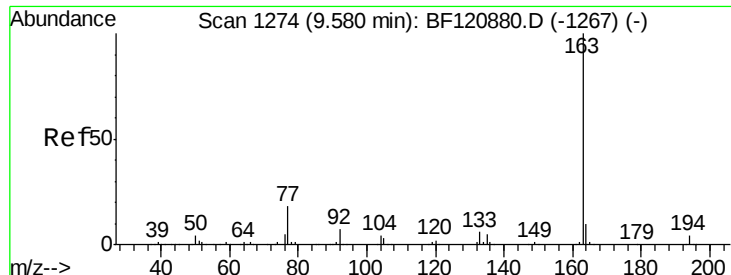
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.1
 141 30.1



#45
 2-Fluorobiphenyl
 Concen: 41.030 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121180.D
 Acq: 3 Aug 2020 17:14

Tgt Ion: 172 Resp: 784696
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 23.9 19.6 29.4

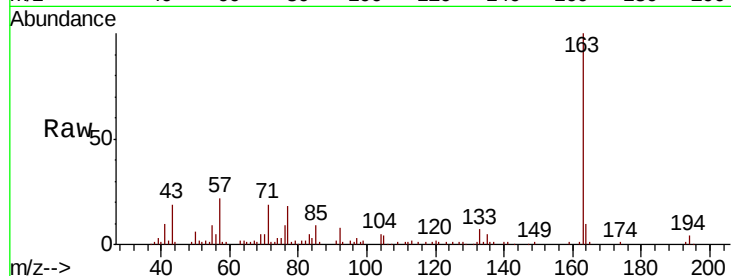




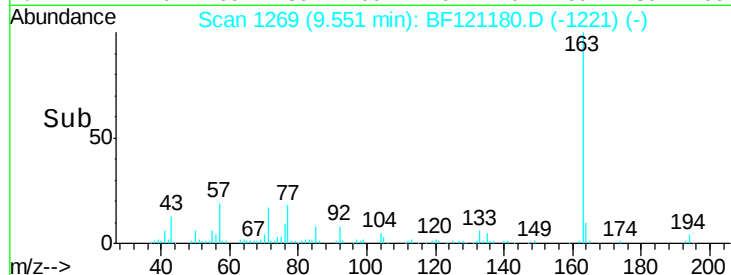
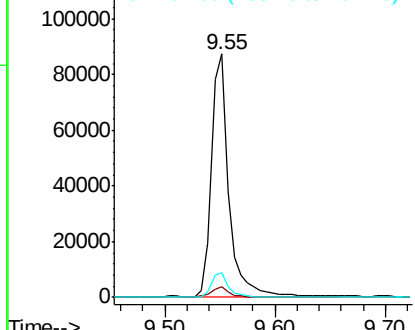
#50
Dimethylphthalate
Concen: 4.633 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121180.D
Acq: 3 Aug 2020 17:14

Instrument :
BNA_F
ClientSampleId :
7-31-20-CONCRETE

Tot Ion:163 Resp: 95438
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 9.9 8.4 12.6

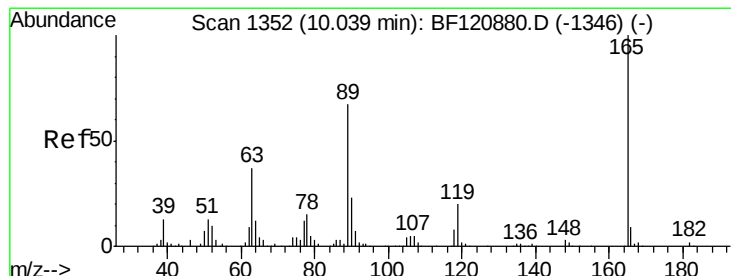


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

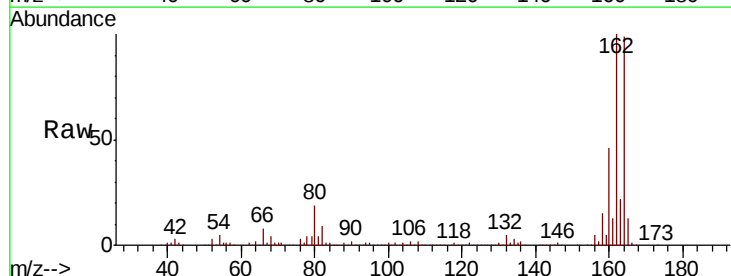
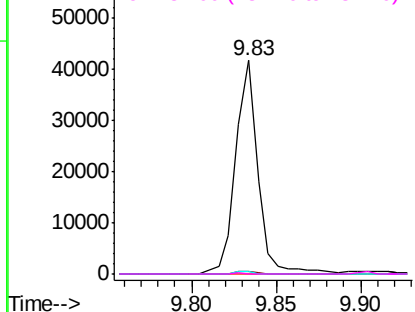


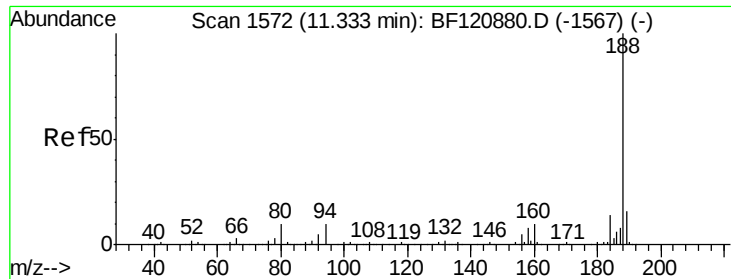
#57
2,4-Dinitrotoluene
Concen: 6.592 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121180.D
Acq: 3 Aug 2020 17:14

Tgt Ion:165 Resp: 38314
Ion Ratio Lower Upper
165 100
63 1.0 29.8 44.8#
89 1.3 50.3 75.5#
182 0.0 2.1 3.1#



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
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121180.D

Acq: 3 Aug 2020 17:14

Instrument :

BNA_F

ClientSampleId :

7-31-20-CONCRETE

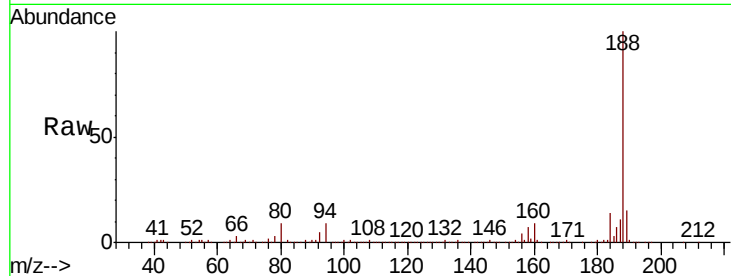
Tot Ion:188 Resp: 552658

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

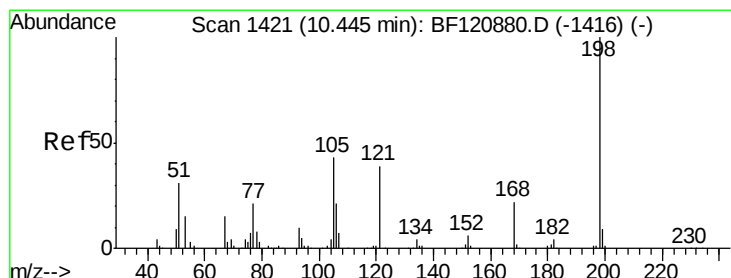
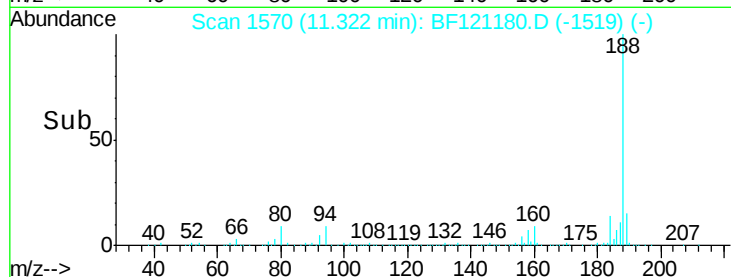
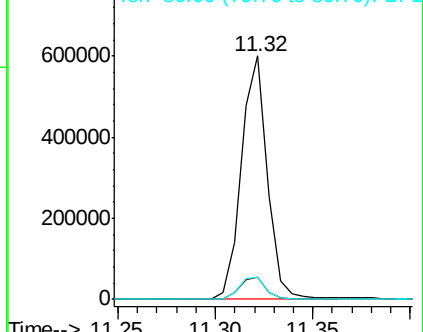
80 9.0 8.3 12.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 3.971 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.22 min

Lab File: BF121180.D

Acq: 3 Aug 2020 17:14

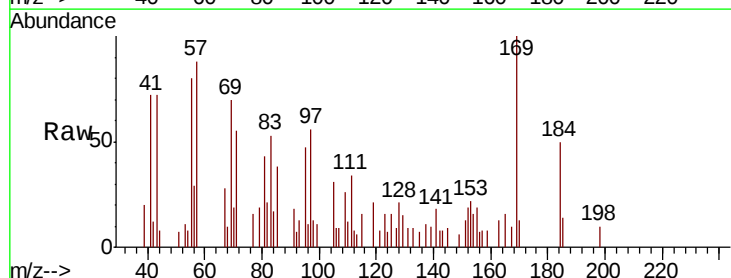
Tgt Ion:198 Resp: 447

Ion Ratio Lower Upper

198 100

51 69.6 23.4 63.4#

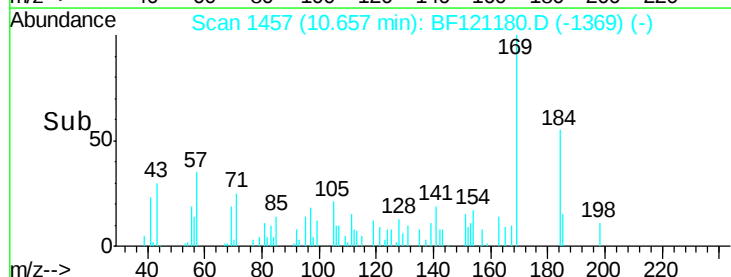
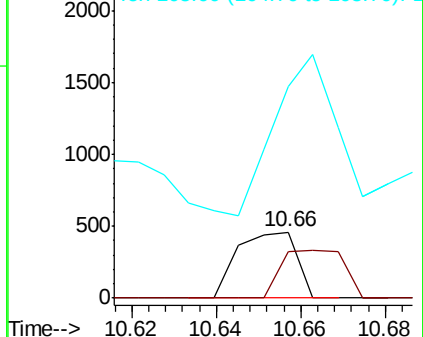
105 318.9 23.7 63.7#

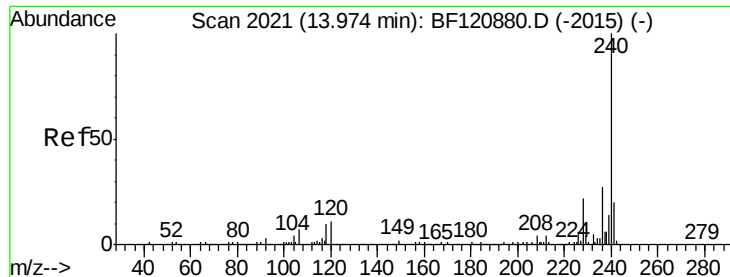


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF121180.D

Acq: 3 Aug 2020 17:14

Instrument :

BNA_F

ClientSampleId :

7-31-20-CONCRETE

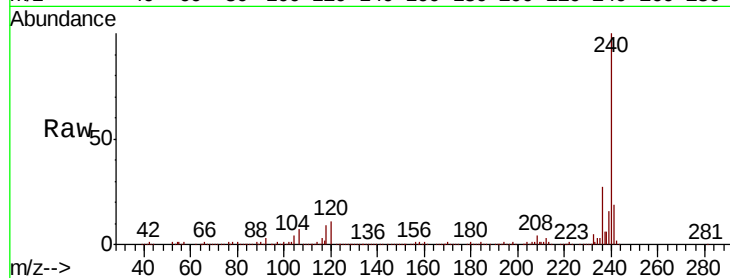
Tot Ion:240 Resp: 424104

Ion Ratio Lower Upper

240 100

120 10.6 9.3 13.9

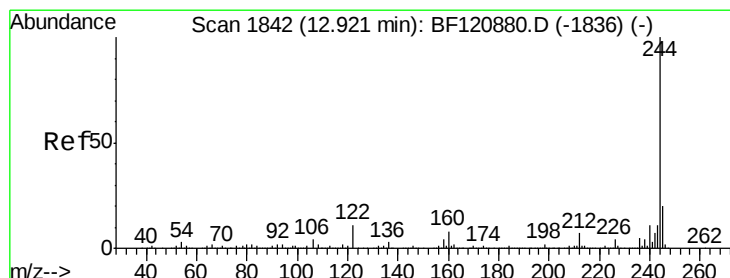
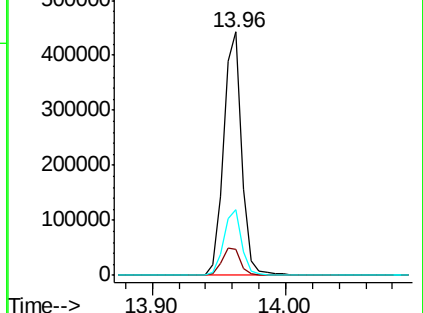
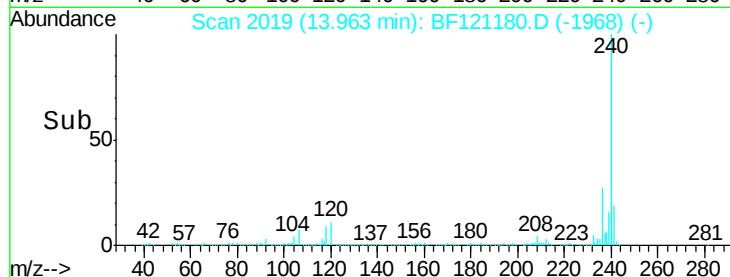
236 27.2 21.1 31.7



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



#79

Terphenyl-d14

Concen: 44.423 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF121180.D

Acq: 3 Aug 2020 17:14

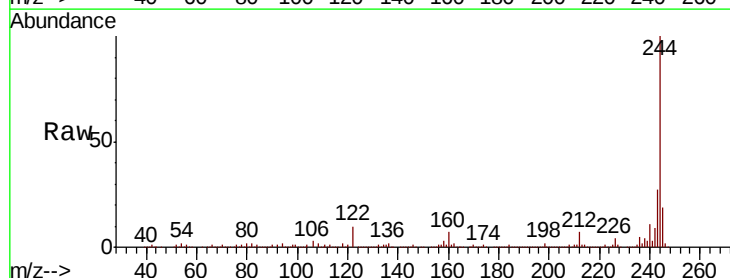
Tgt Ion:244 Resp: 866681

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

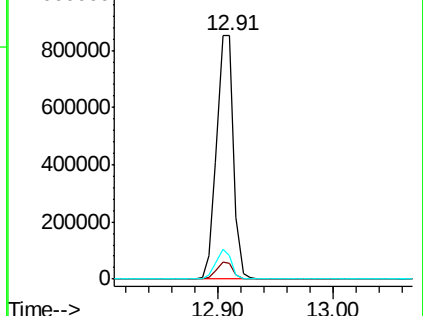
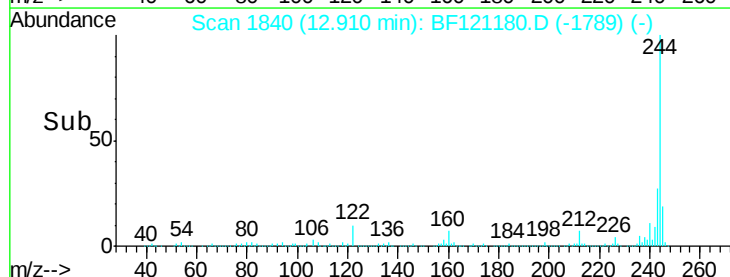
122 9.9 8.3 12.5

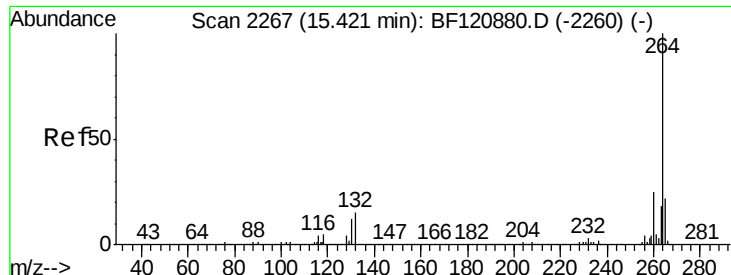


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121180.D
Acq: 3 Aug 2020 17:14

Instrument :
BNA_F
ClientSampleId :
7-31-20-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.4	17.8	26.8

