

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 17:38:15 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

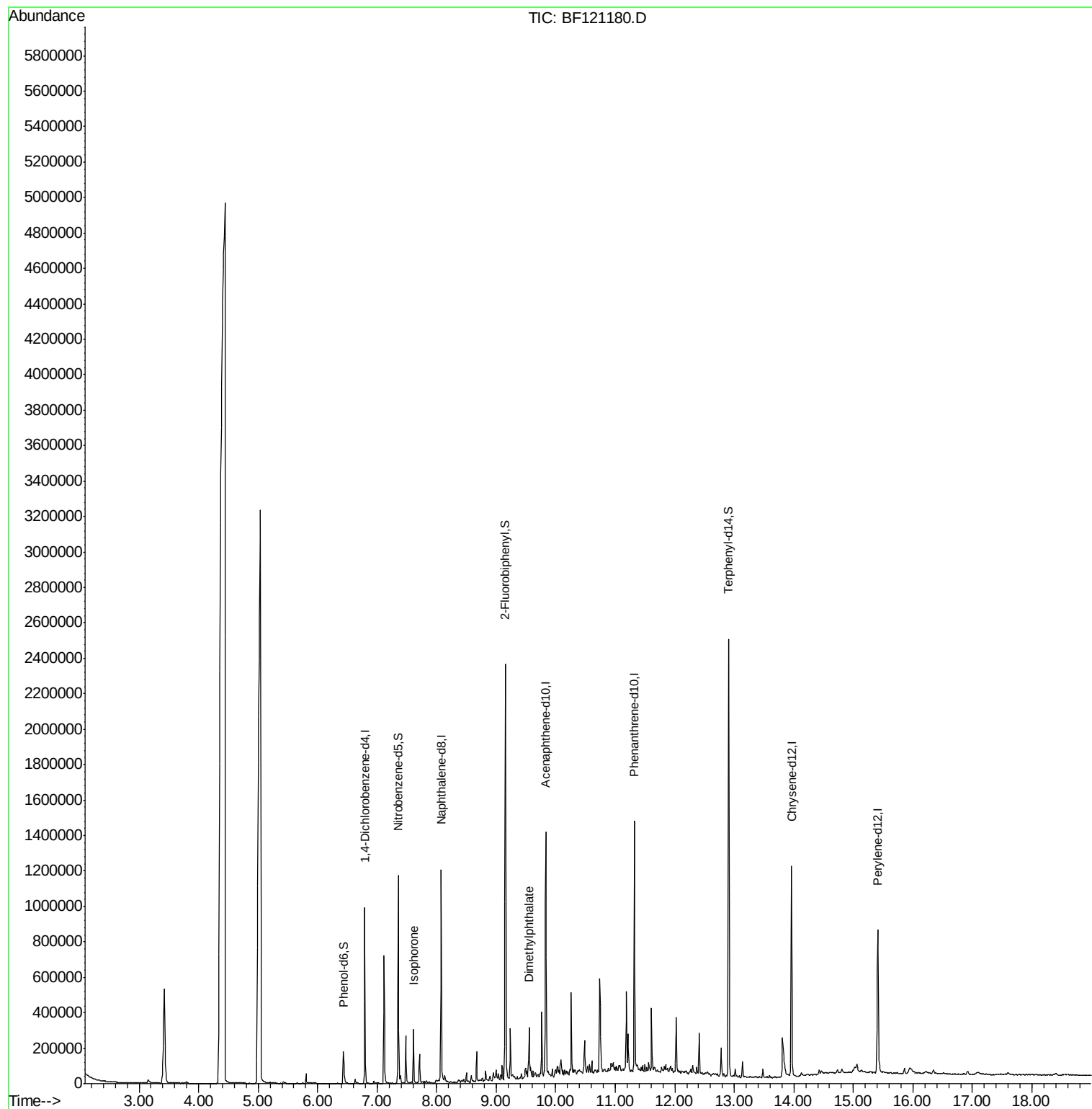
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141800	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	545270	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	285542	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	552658	20.00	ng	0.00
76) Chrysene-d12	13.96	240	424104	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						
25) Isophorone	7.61	82	116446	6.192	ng	96
50) Dimethylphthalate	9.55	163	95438	4.633	ng	98

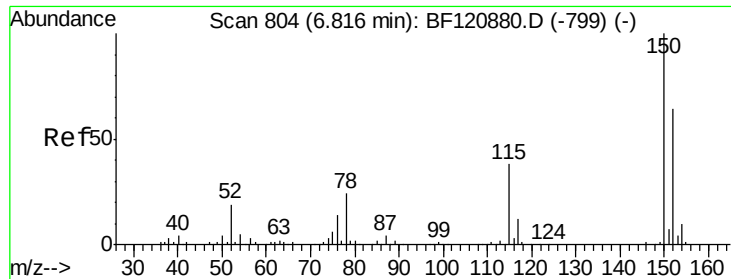
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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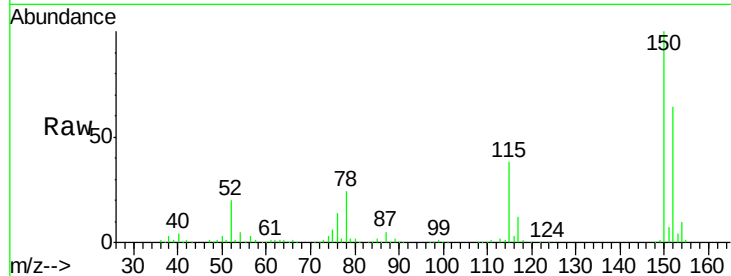




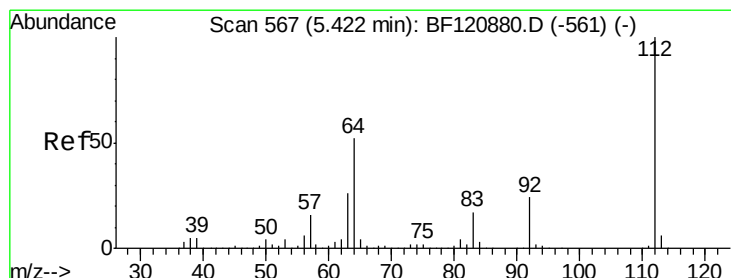
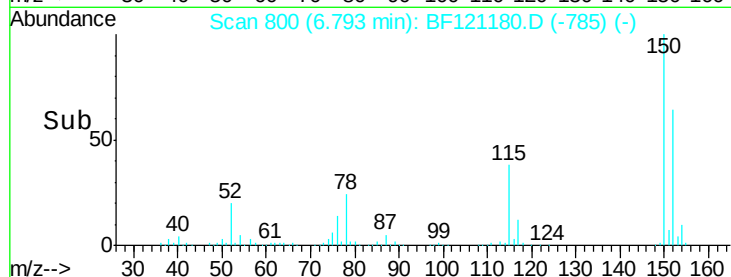
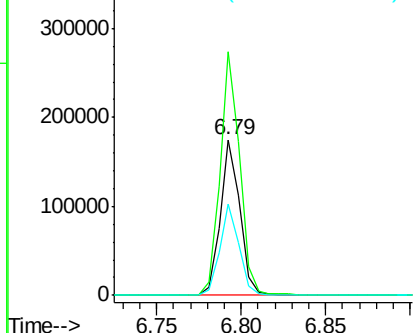
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121180.D
 Acq: 3 Aug 2020 17:14

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

Tgt Ion:152 Resp: 141800
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.6 188.4
 115 59.0 46.2 69.2

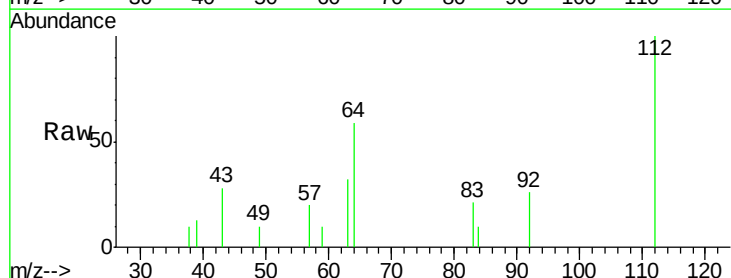


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

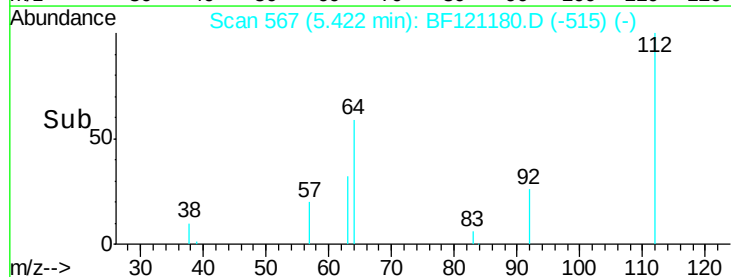
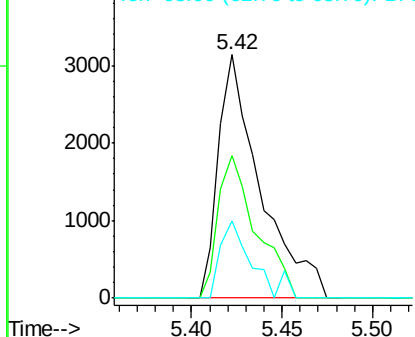


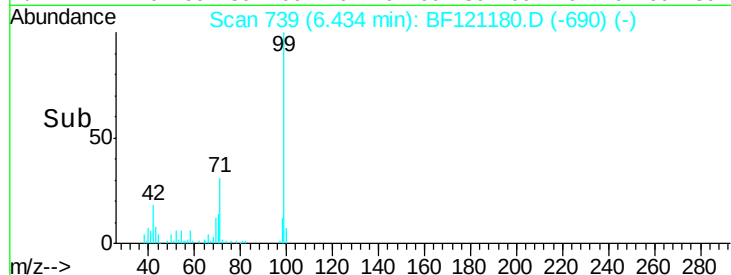
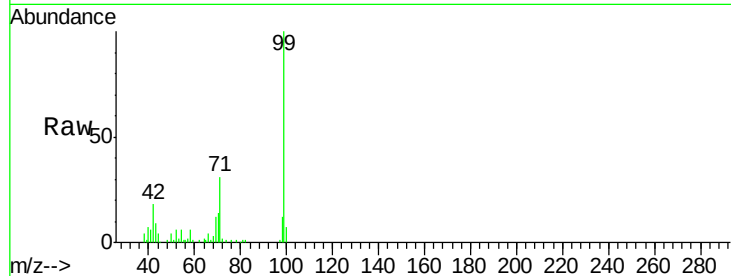
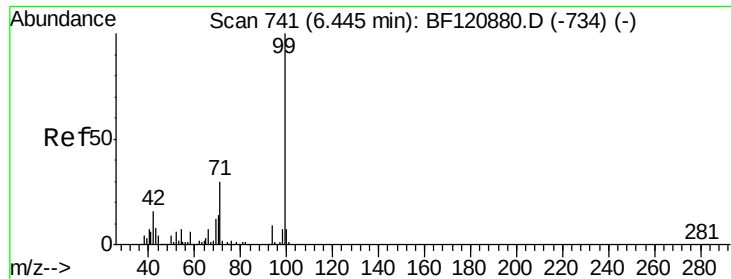
#5
 2-Fluorophenol
 Concen: 0.587 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF121180.D
 Acq: 3 Aug 2020 17:14

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

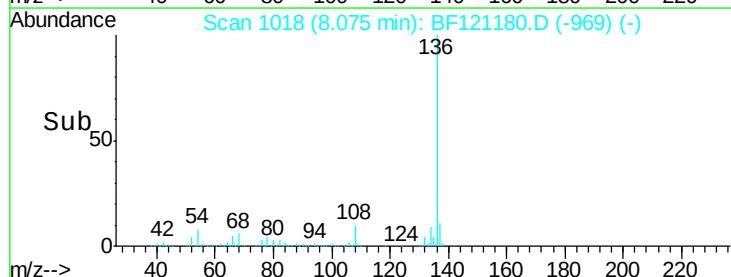
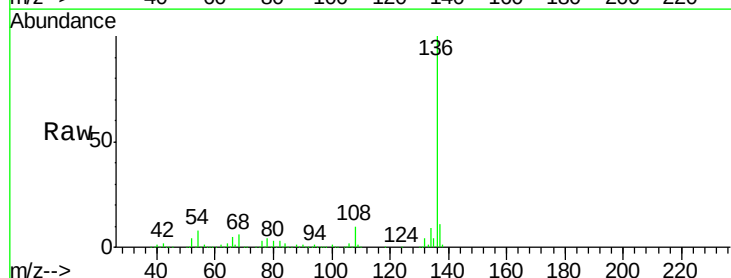
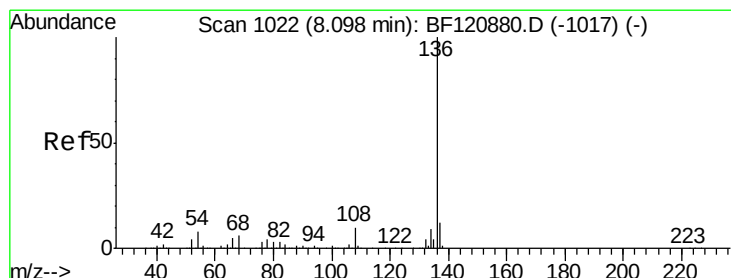
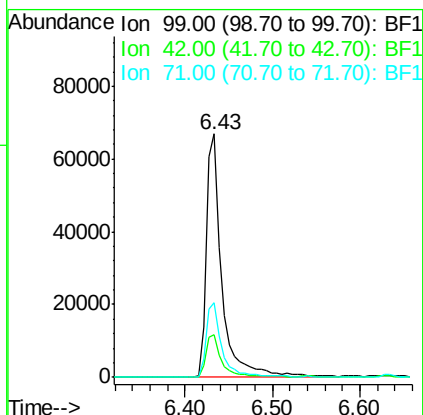
Tgt Ion: 99 Resp: 83275

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 30.8 25.0 37.4



#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

Tgt Ion: 136 Resp: 545270

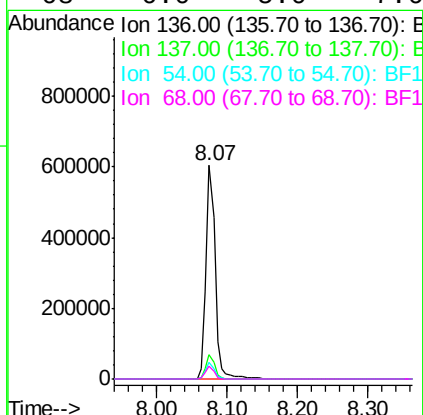
Ion Ratio Lower Upper

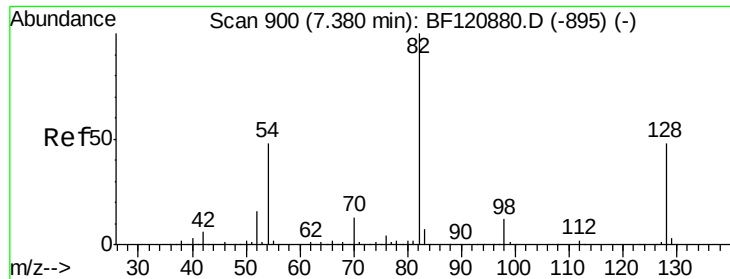
136 100

137 11.2 9.0 13.4

54 7.6 6.1 9.1

68 6.0 5.0 7.6

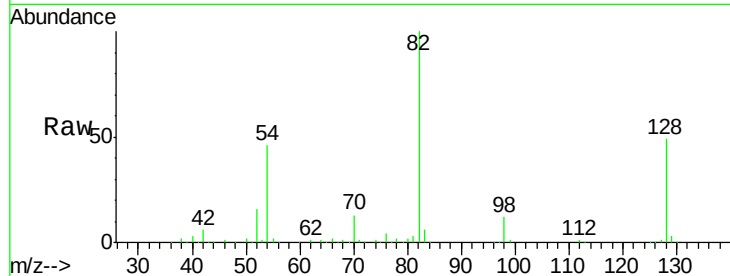




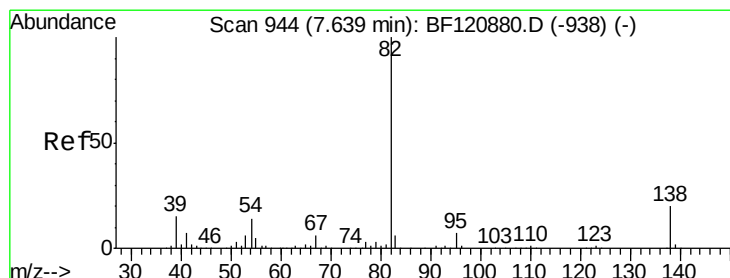
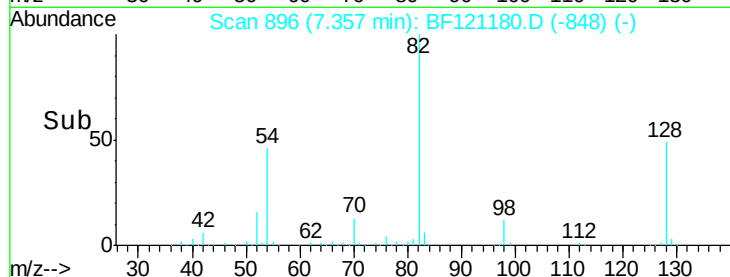
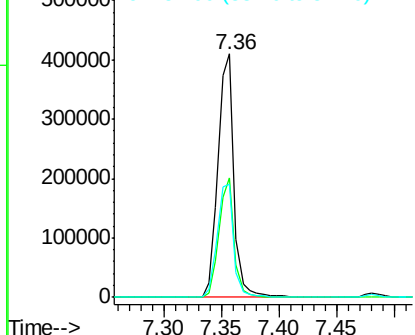
#23
 Nitrobenzene-d5
 Concen: 41.711 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121180.D
 Acq: 3 Aug 2020 17:14

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

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

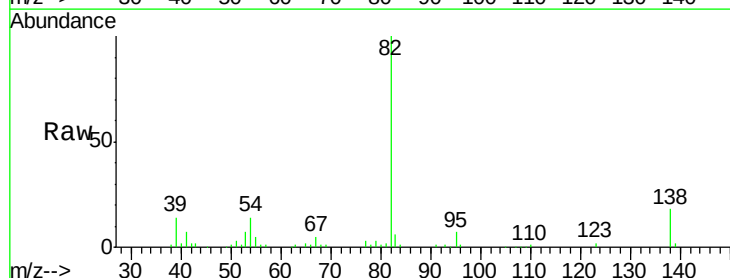


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

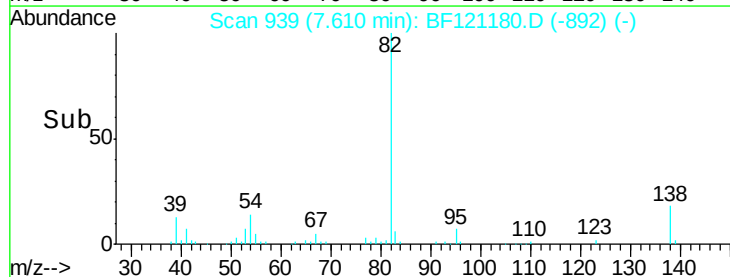
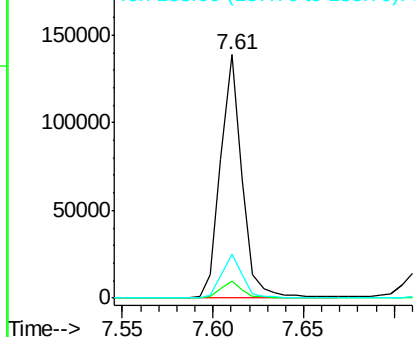


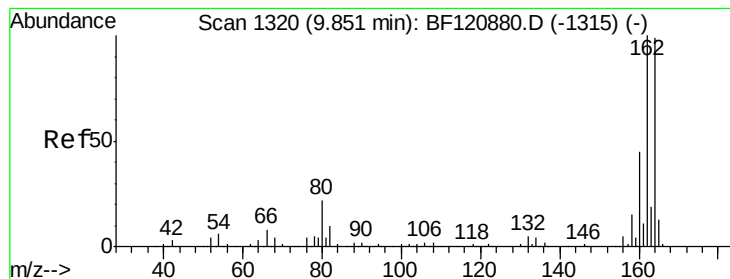
#25
 Isophorone
 Concen: 6.192 ng
 RT: 7.61 min Scan# 939
 Delta R.T. -0.02 min
 Lab File: BF121180.D
 Acq: 3 Aug 2020 17:14

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



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): BF1





#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

Instrument :

BNA_F

ClientSampleId :

7-31-20-CONCRETE

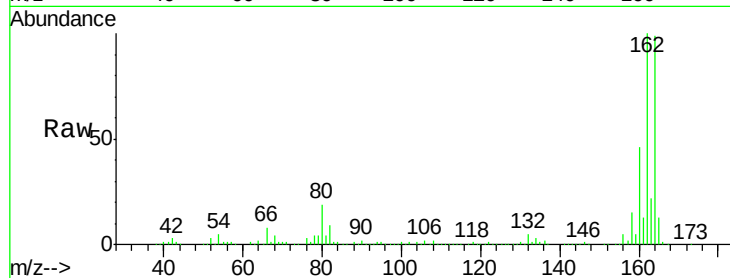
Tgt Ion:164 Resp: 285542

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

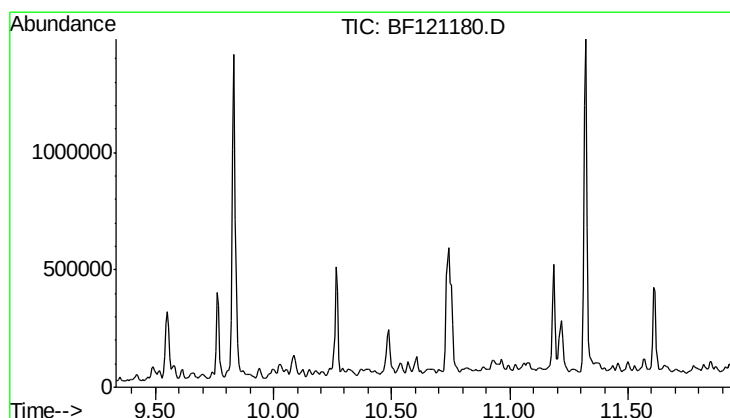
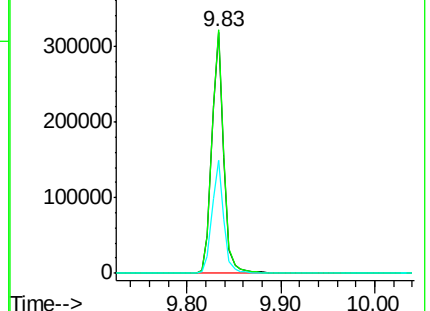
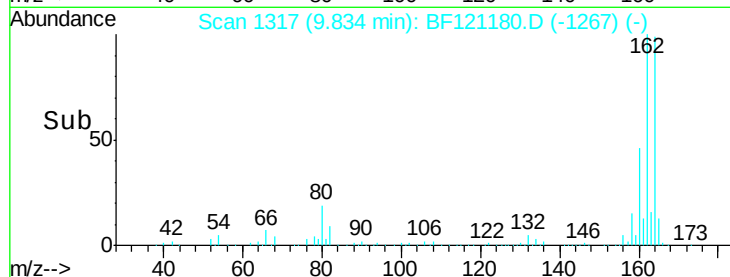
160 46.6 37.2 55.8



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



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.63 min

Lab File: BF121180.D

Acq: 3 Aug 2020 17:14

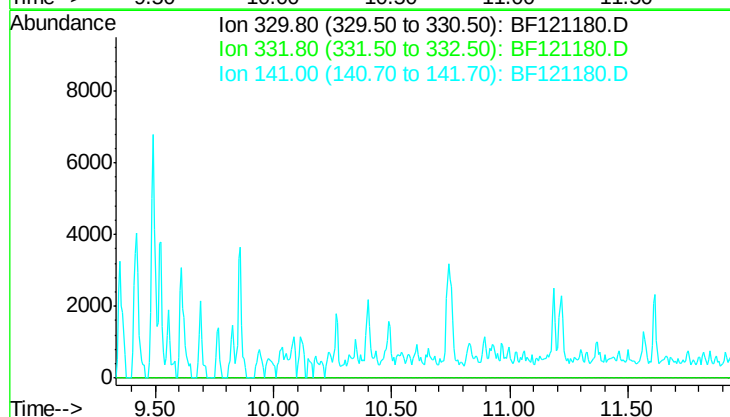
Tgt Ion: 330

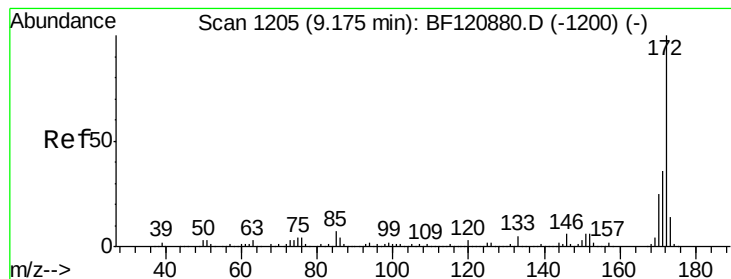
Sig Exp Ratio

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

Instrument :

BNA_F

ClientSampleId :

7-31-20-CONCRETE

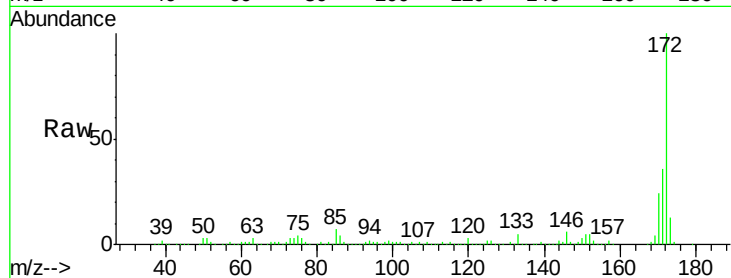
Tgt Ion:172 Resp: 784696

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

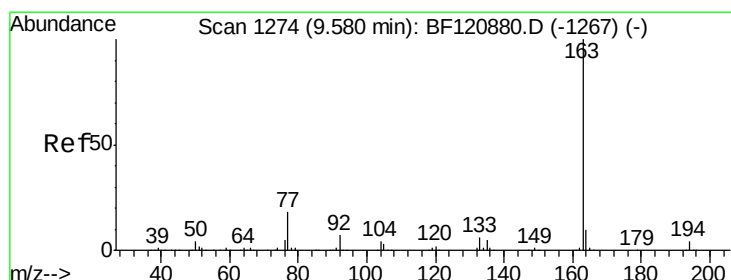
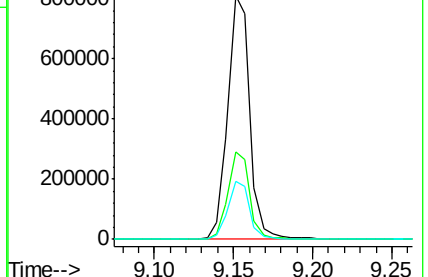
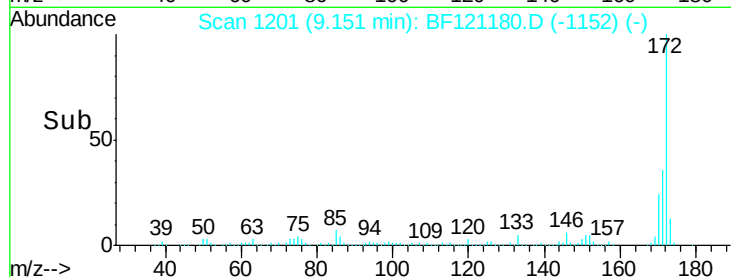
170 23.9 19.6 29.4



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



#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

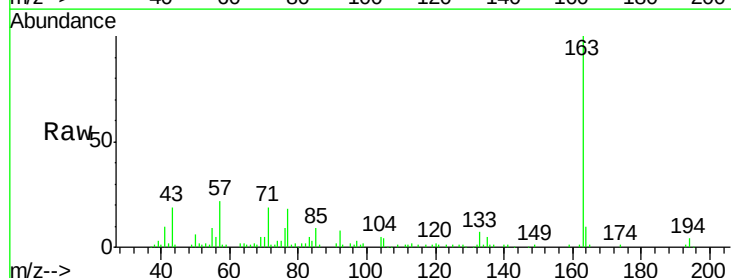
Tgt Ion:163 Resp: 95438

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

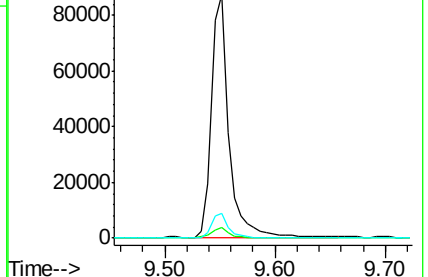
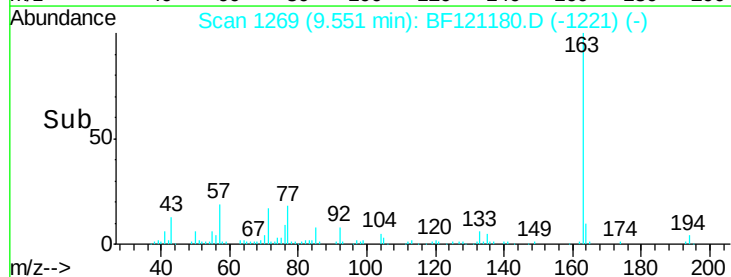
164 9.9 8.4 12.6

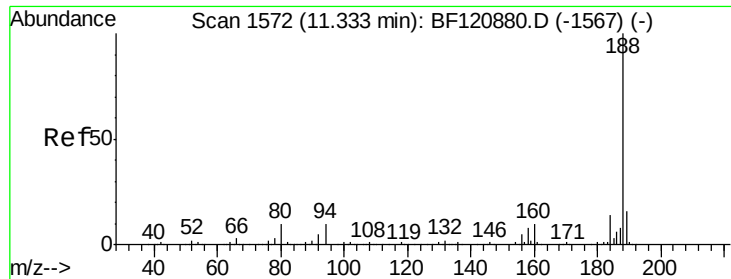


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

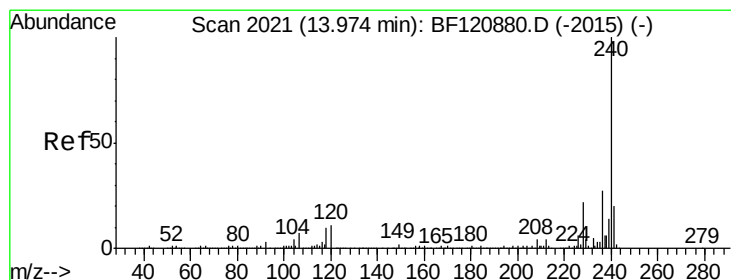
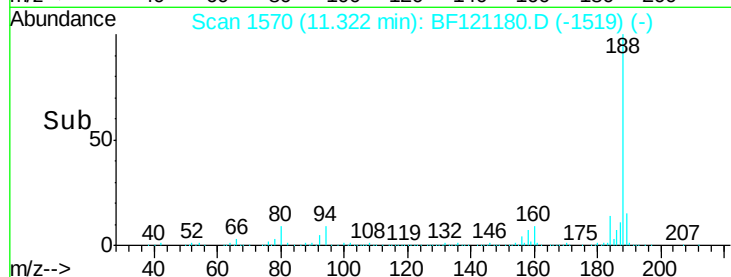
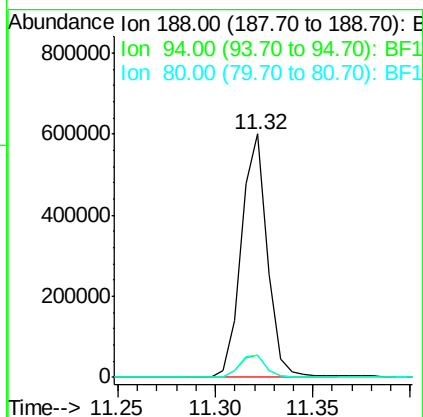
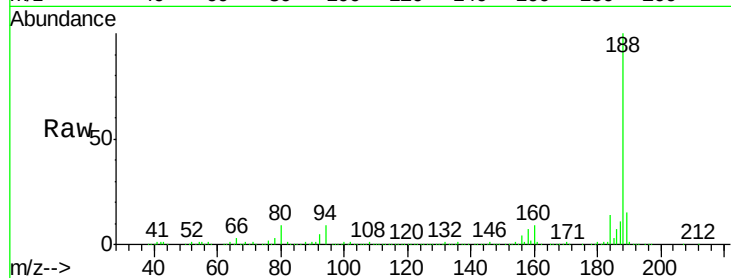




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121180.D
Acq: 3 Aug 2020 17:14

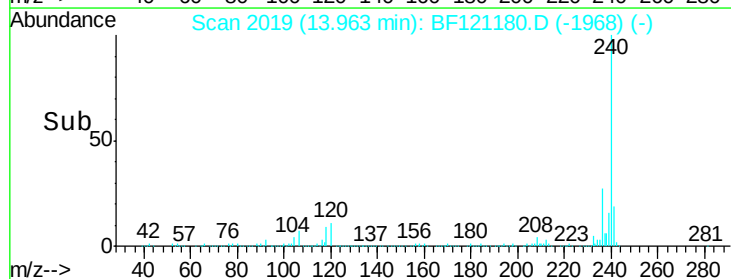
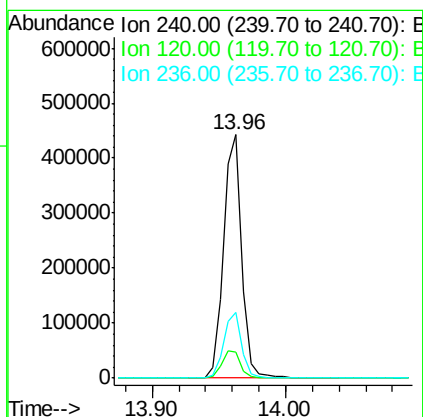
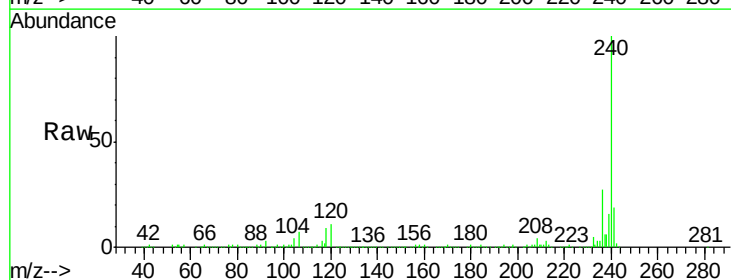
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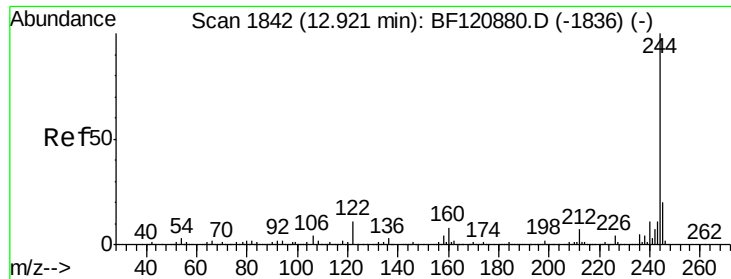
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.0	8.3	12.5



#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

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.3	13.9
236	27.2	21.1	31.7

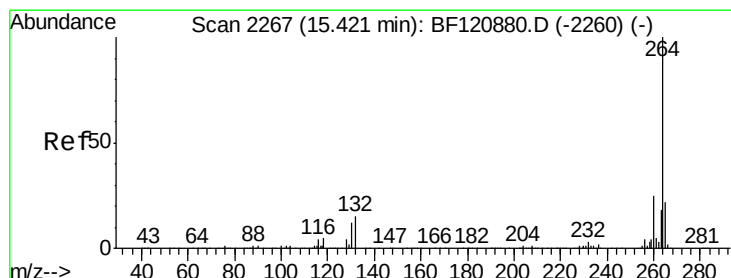
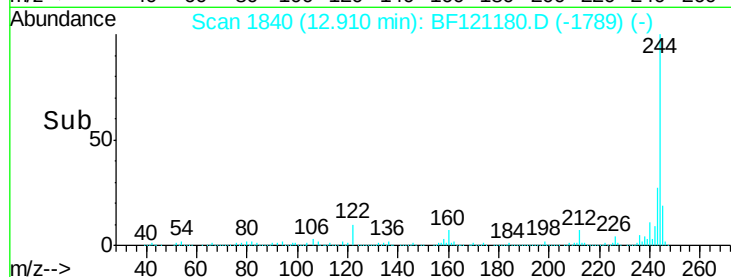
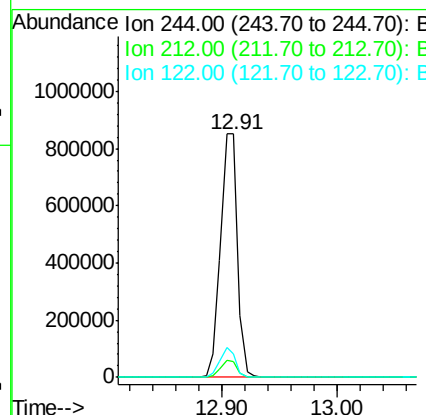
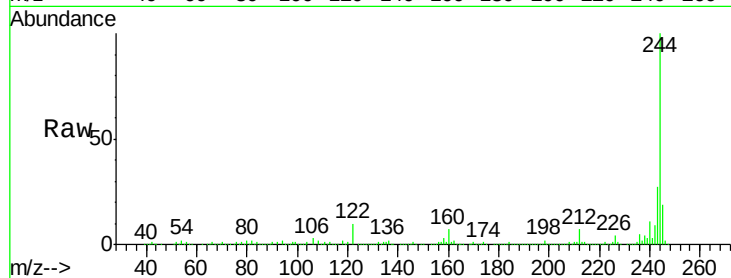




#79
 Terphenyl-d14
 Concen: 44.423 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121180.D
 Acq: 3 Aug 2020 17:14

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

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



#86
 Perylene-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

Tgt Ion:264 Resp: 388435
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 21.4 17.8 26.8

