

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121063.D
 Acq On : 28 Jul 2020 11:48
 Operator : JU/CG
 Sample : L3378-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-WATER

Quant Time: Jul 28 12:23:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

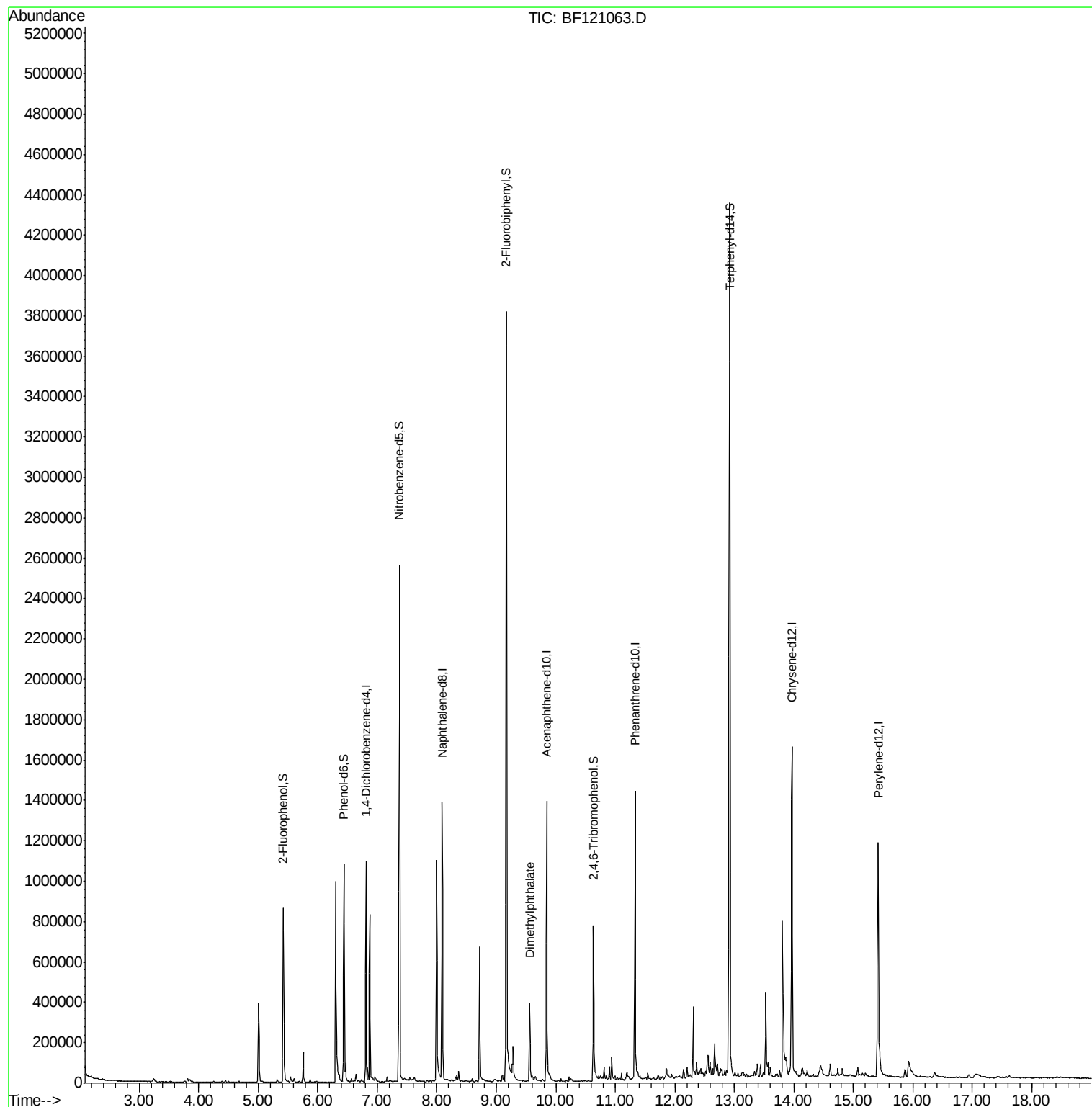
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	152497	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	580518	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	314331	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	637758	20.00	ng	0.00
76) Chrysene-d12	13.97	240	610117	20.00	ng	0.00
86) Perylene-d12	15.42	264	634078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	305603	32.85	ng	0.00
7) Phenol-d6	6.44	99	368985	30.71	ng	0.00
23) Nitrobenzene-d5	7.37	82	934247	93.12	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	116999	34.00	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1633636	77.60	ng	0.00
79) Terphenyl-d14	12.92	244	1981455	70.60	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	180519	7.960	ng	Qvalue 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121063.D

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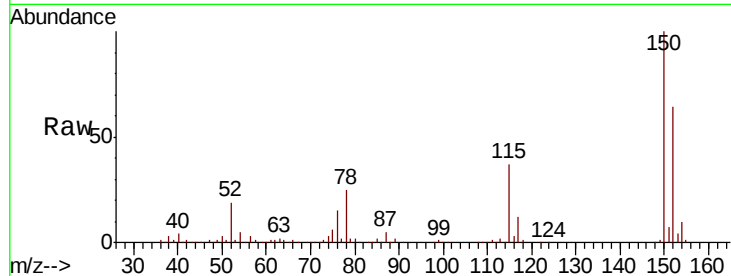
Tot Ion:152 Resp: 152497

Ion Ratio Lower Upper

152 100

150 156.2 125.0 187.6

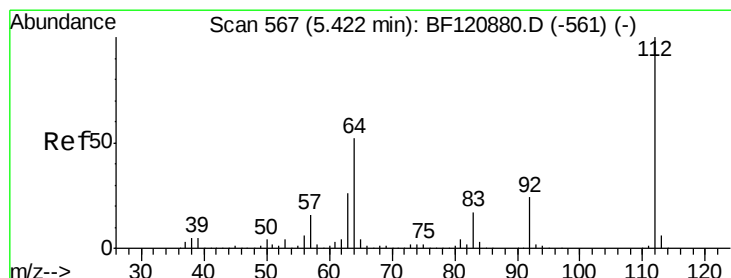
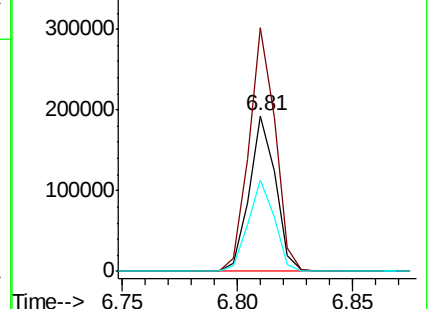
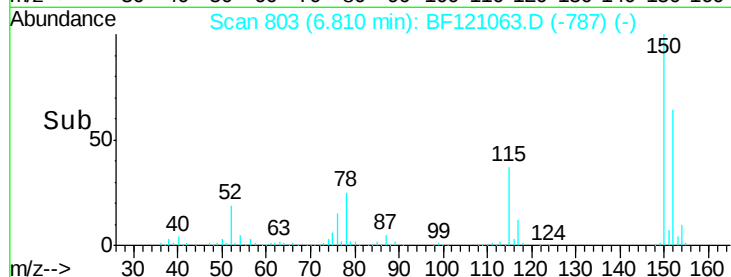
115 58.5 47.0 70.4



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: 32.853 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF121063.D

Acq: 28 Jul 2020 11:48

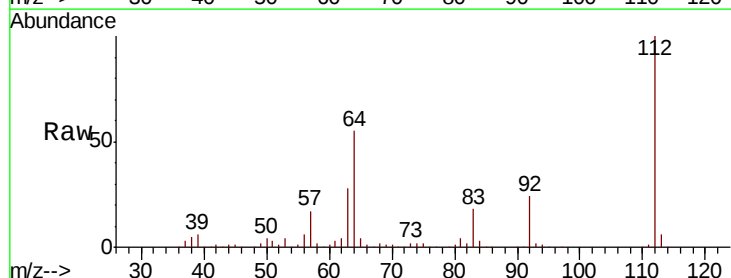
Tgt Ion:112 Resp: 305603

Ion Ratio Lower Upper

112 100

64 54.9 41.3 61.9

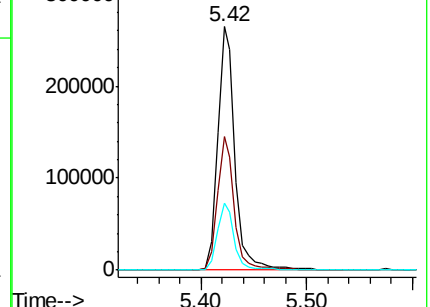
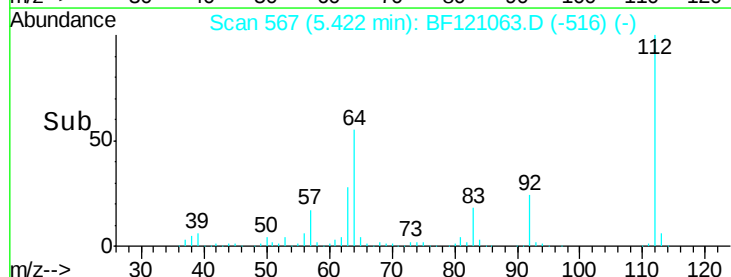
63 27.6 21.1 31.7

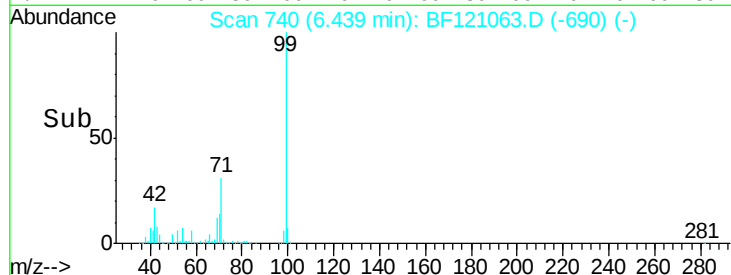
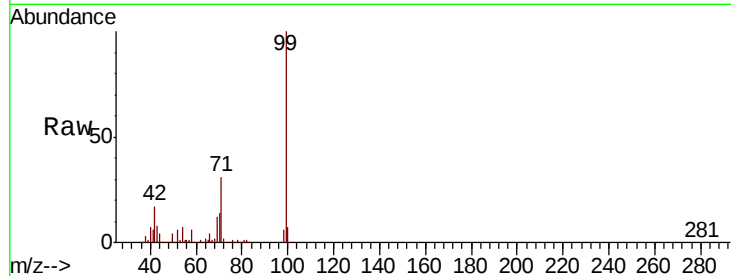


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 30.707 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121063.D

Acq: 28 Jul 2020 11:48

Instrument :

BNA_F

ClientSampleId :

DRUM-WATER

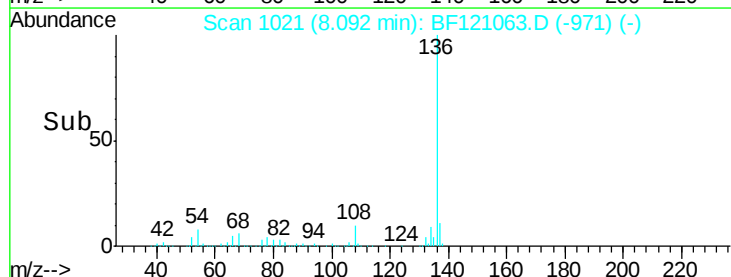
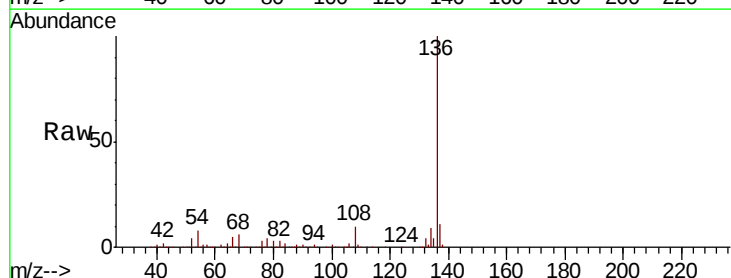
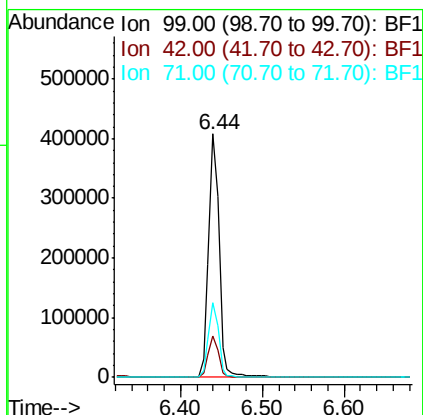
Tot Ion: 99 Resp: 368985

Ion Ratio Lower Upper

99 100

42 17.2 13.1 19.7

71 30.6 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121063.D

Acq: 28 Jul 2020 11:48

Tgt Ion: 136 Resp: 580518

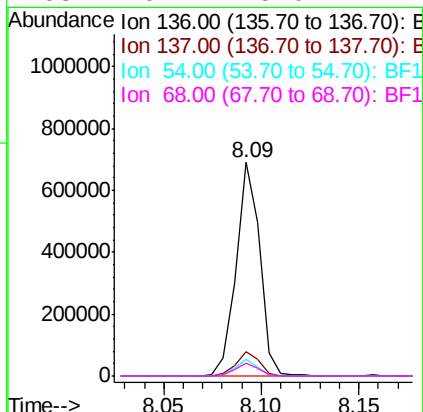
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.7 6.3 9.5

68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 93.121 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121063.D

Acq: 28 Jul 2020 11:48

Instrument :

BNA_F

ClientSampleId :

DRUM-WATER

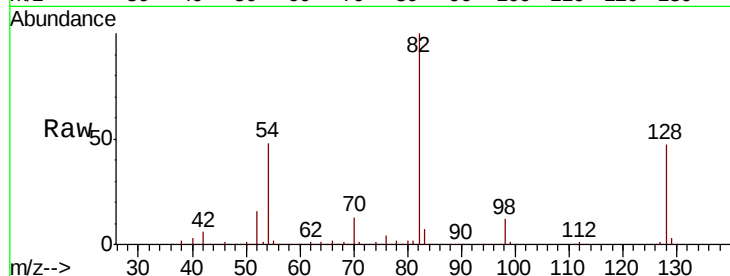
Tot Ion: 82 Resp: 934247

Ion Ratio Lower Upper

82 100

128 47.1 38.2 57.4

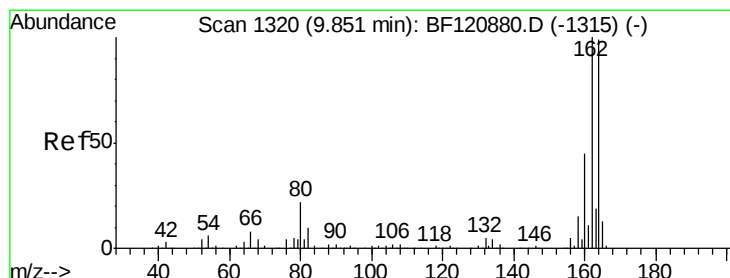
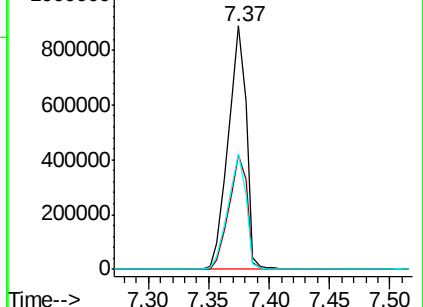
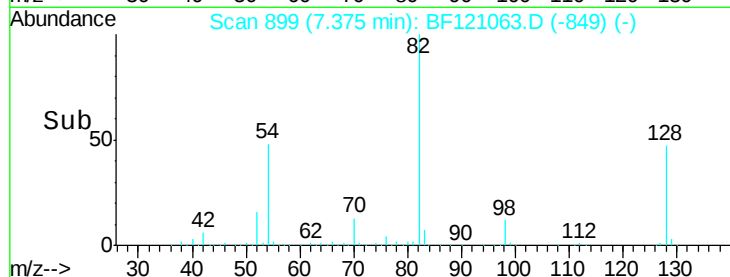
54 47.6 38.7 58.1



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121063.D

Acq: 28 Jul 2020 11:48

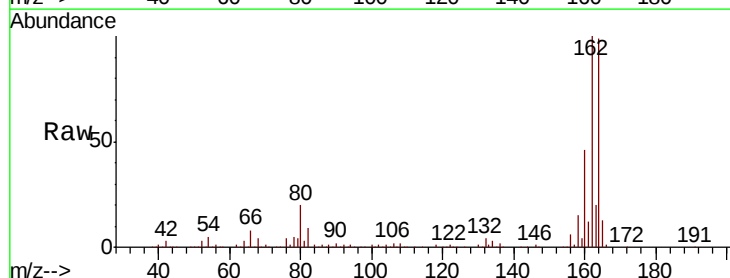
Tgt Ion:164 Resp: 314331

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

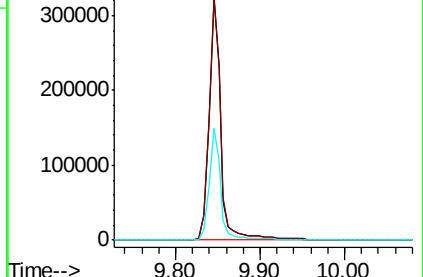
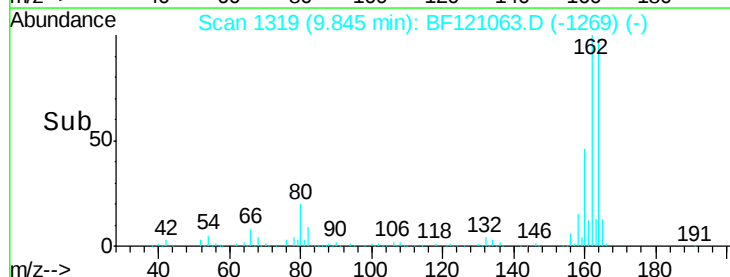
160 46.4 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 34.005 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF121063.D

Acq: 28 Jul 2020 11:48

Instrument :

BNA_F

ClientSampleId :

DRUM-WATER

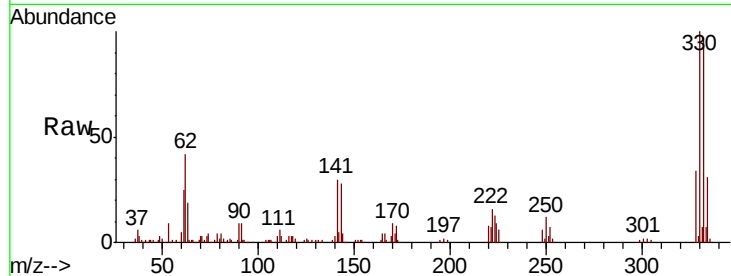
Tot Ion:330 Resp: 116999

Ion Ratio Lower Upper

330 100

332 96.8 75.5 113.3

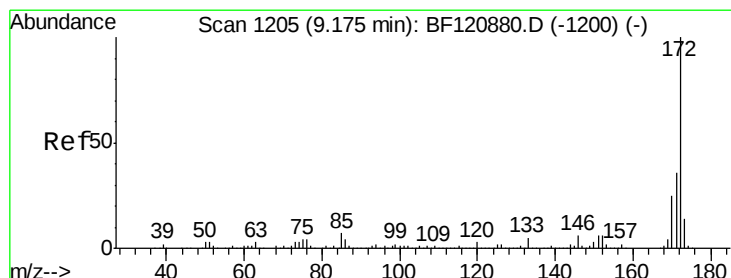
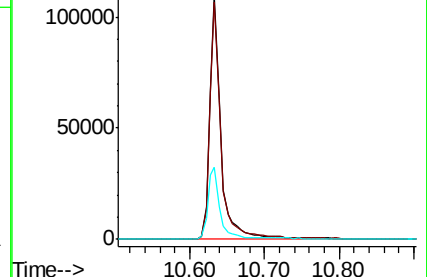
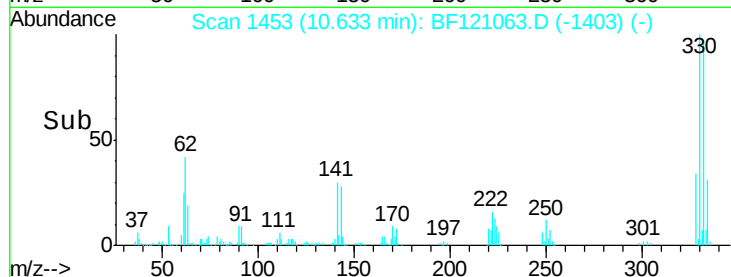
141 32.4 25.7 38.5



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



#45

2-Fluorobiphenyl

Concen: 77.596 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121063.D

Acq: 28 Jul 2020 11:48

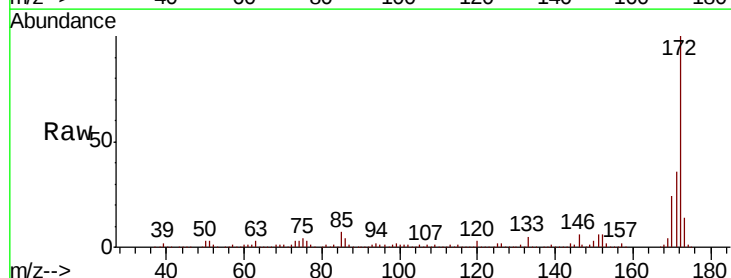
Tgt Ion:172 Resp: 1633636

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

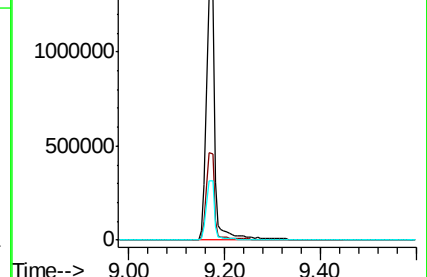
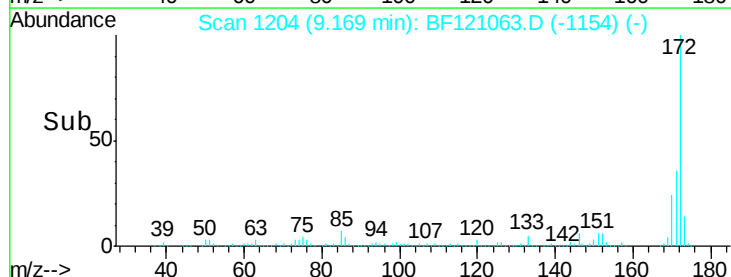
170 24.3 19.6 29.4

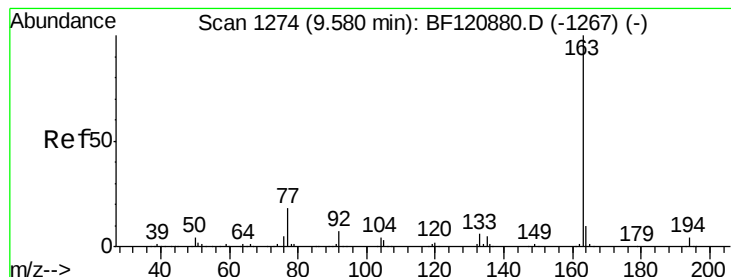


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.960 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121063.D

Acq: 28 Jul 2020 11:48

Instrument :

BNA_F

ClientSampleId :

DRUM-WATER

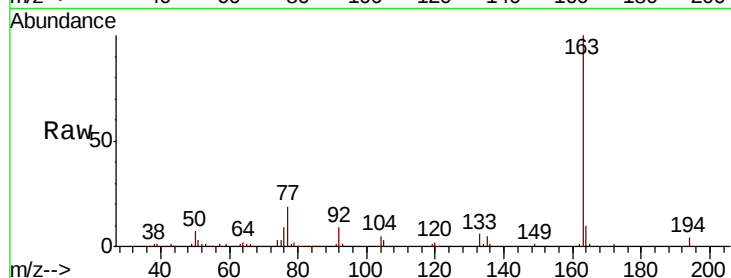
Tot Ion:163 Resp: 180519

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

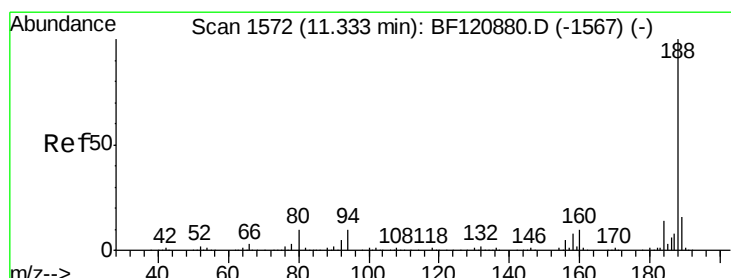
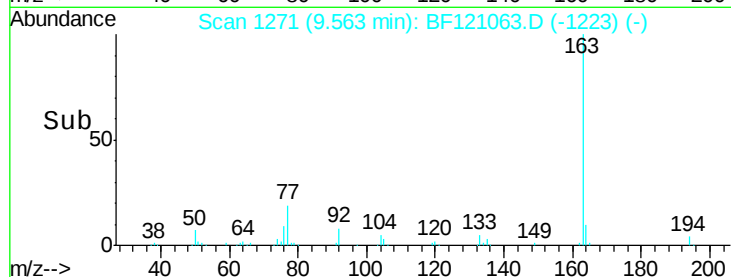
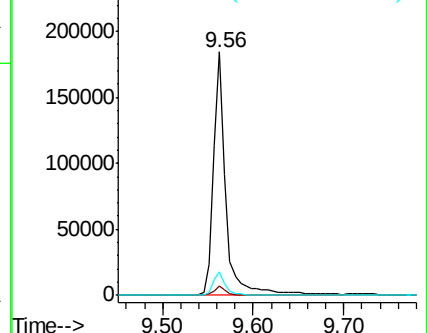
164 9.9 7.9 11.9



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: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF121063.D

Acq: 28 Jul 2020 11:48

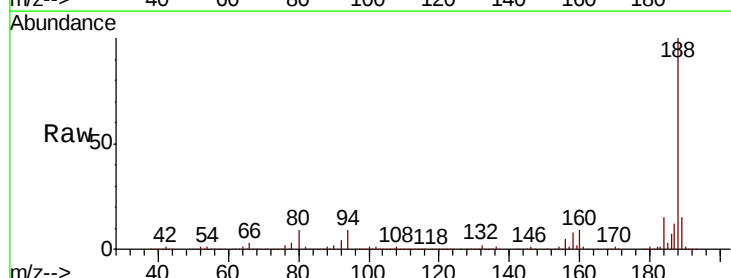
Tgt Ion:188 Resp: 637758

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

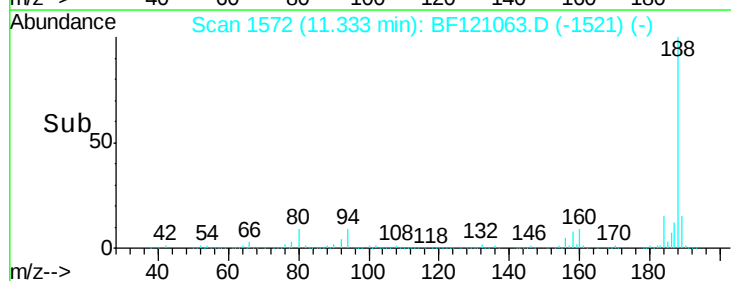
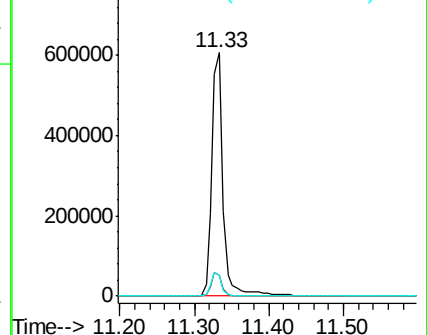
80 8.7 8.3 12.5

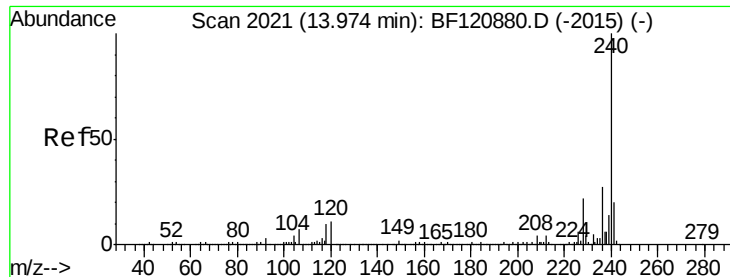


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121063.D

Acq: 28 Jul 2020 11:48

Instrument :

BNA_F

ClientSampleId :

DRUM-WATER

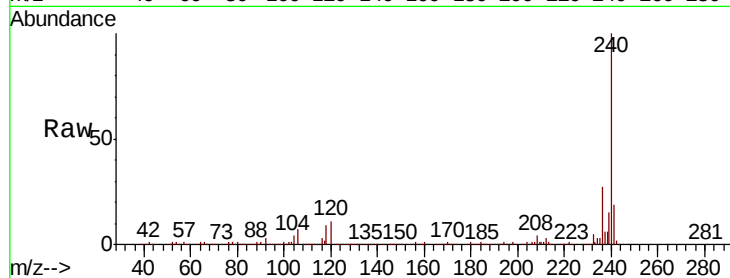
Tot Ion:240 Resp: 610117

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

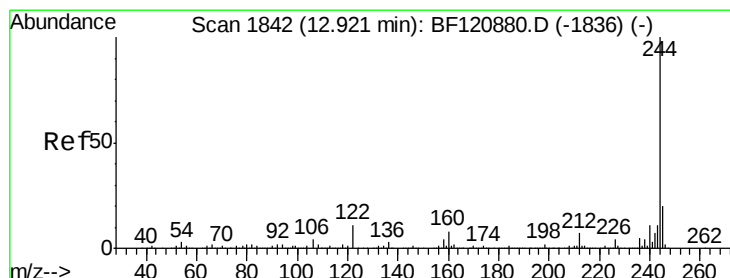
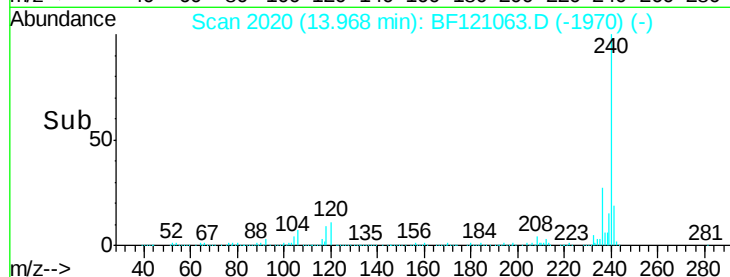
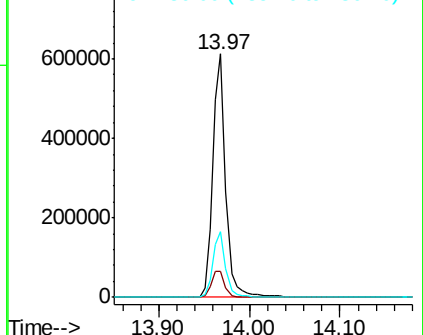
236 26.8 21.7 32.5



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: 70.597 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF121063.D

Acq: 28 Jul 2020 11:48

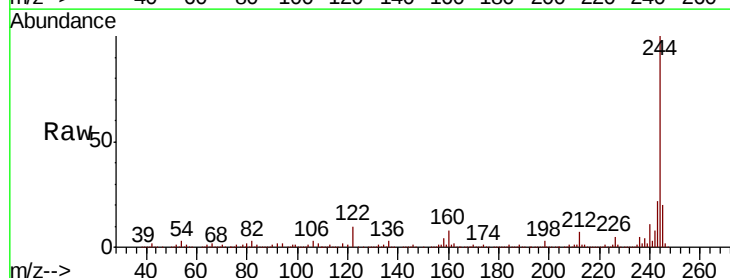
Tgt Ion:244 Resp: 1981455

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

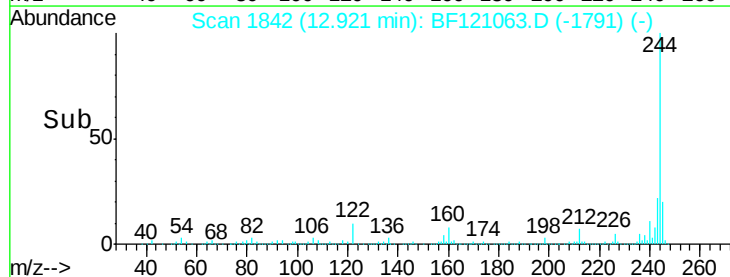
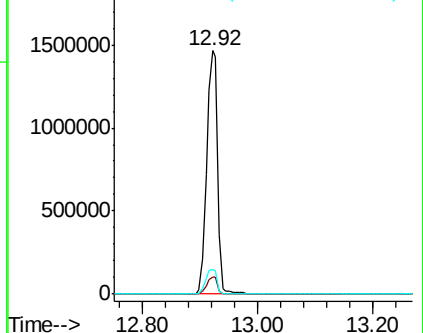
122 10.1 8.9 13.3

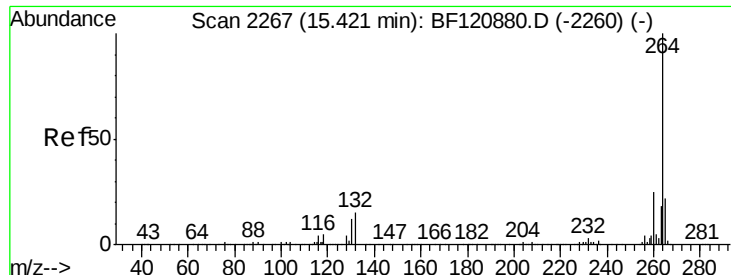


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121063.D
 Acq: 28 Jul 2020 11:48

Instrument :
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 ClientSampleId :
 DRUM-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.0	30.0
265	21.5	17.4	26.2

