

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
 Data File : BF115624.D
 Acq On : 17 Jul 2019 15:45
 Operator : HP/JU
 Sample : K3838-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Quant Time: Jul 18 05:01:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

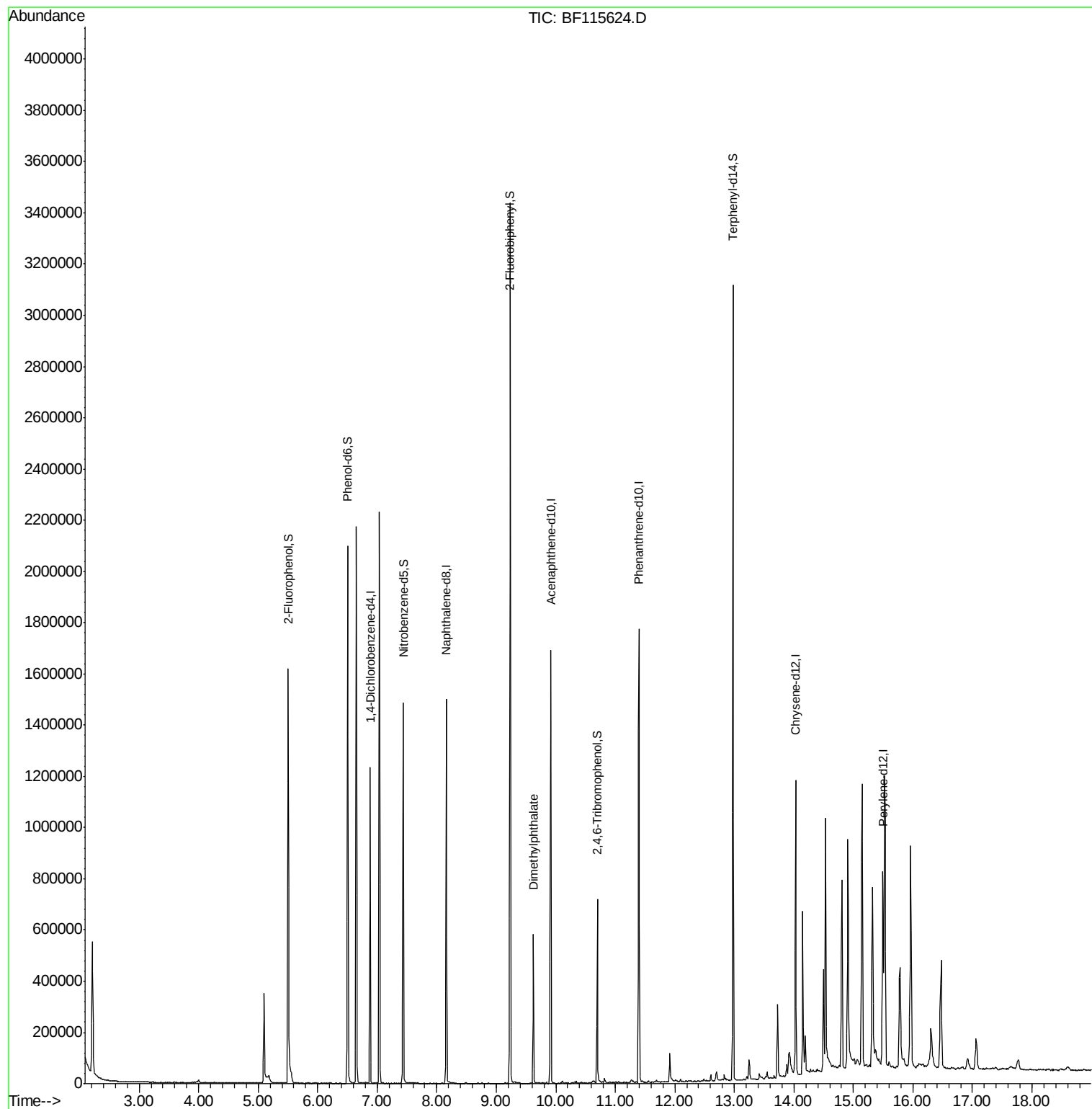
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	168241	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	681476	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	339212	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	616353	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	376585	20.00	ng	-0.02
87) Perylene-d12	15.50	264	348781	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	503619	48.96	ng	0.00
7) Phenol-d6	6.50	99	795022	60.92	ng	-0.01
23) Nitrobenzene-d5	7.44	82	549709	46.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	96339	24.33	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1066035	55.01	ng	-0.02
79) Terphenyl-d14	12.98	244	1053445	51.62	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	222236	8.708	ng	Qvalue 98

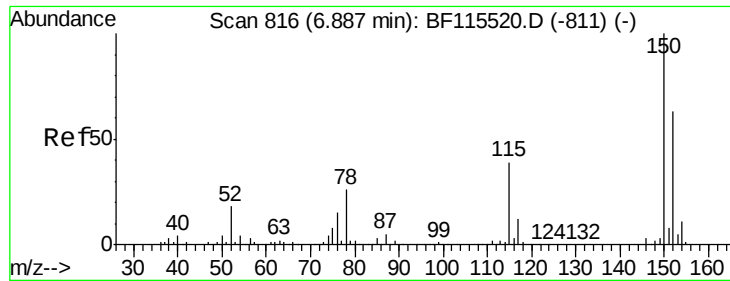
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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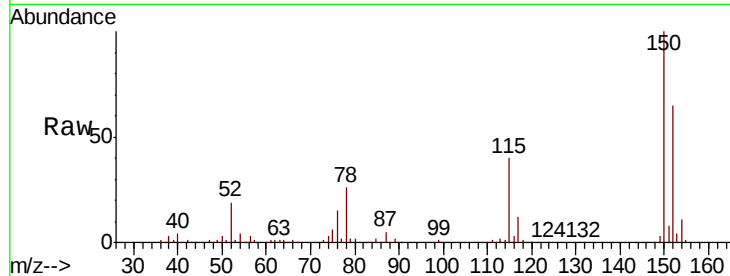


#1

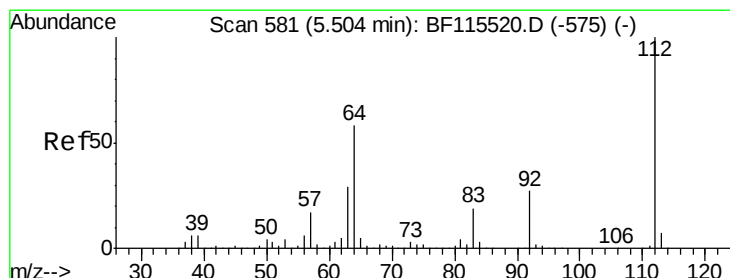
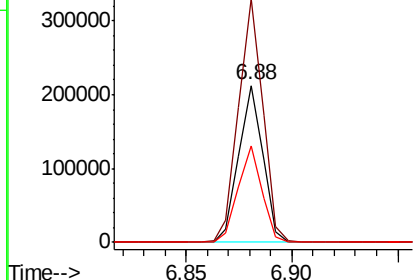
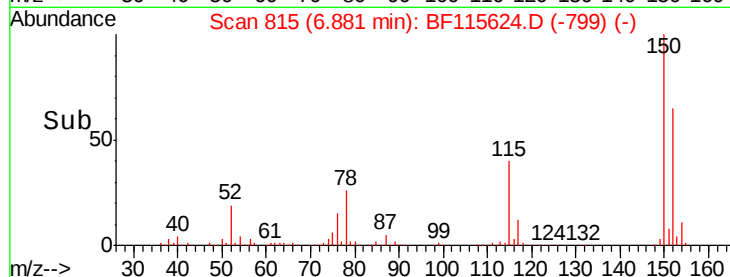
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115624.D
Acq: 17 Jul 2019 15:45

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tot Ion:152 Resp: 168241
Ion Ratio Lower Upper
152 100
150 155.0 129.7 194.5
115 61.6 48.2 72.4



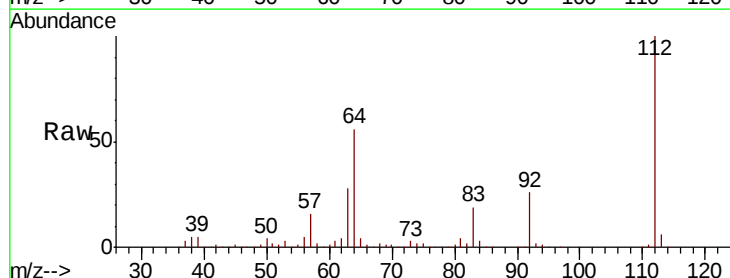
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



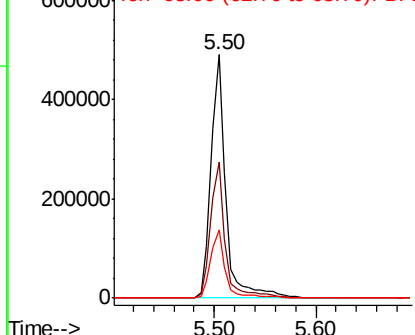
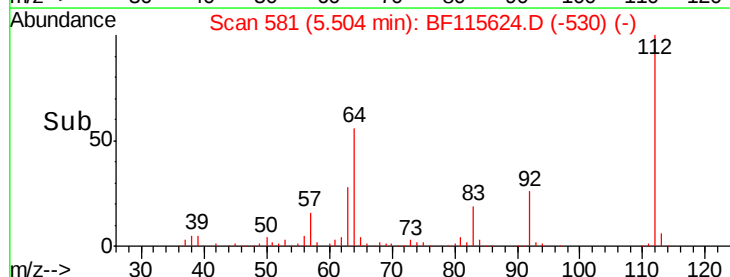
#5

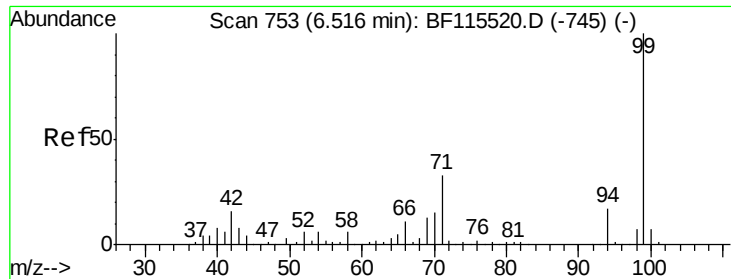
2-Fluorophenol
Concen: 48.964 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF115624.D
Acq: 17 Jul 2019 15:45

Tgt Ion:112 Resp: 503619
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 28.1 24.1 36.1



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: 60.916 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

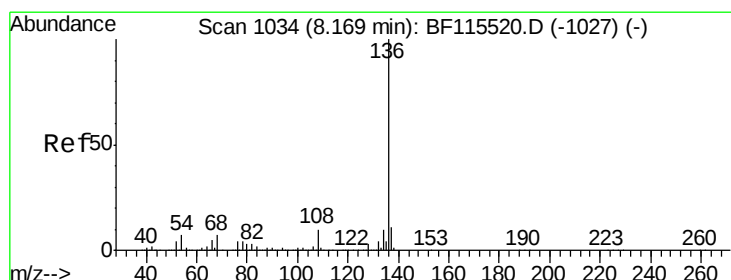
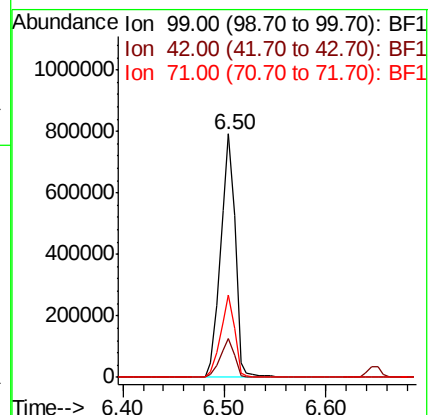
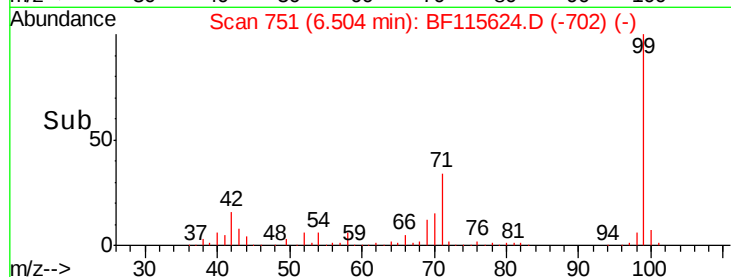
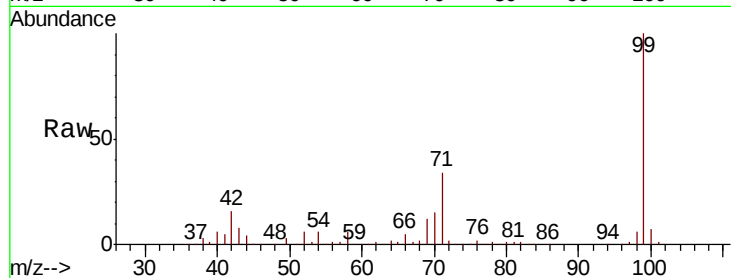
Tot Ion: 99 Resp: 795022

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

71 33.6 28.5 42.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

Tgt Ion: 136 Resp: 681476

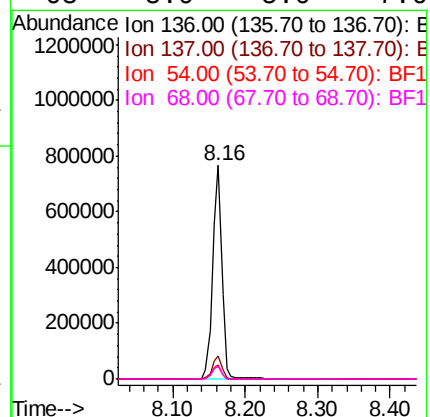
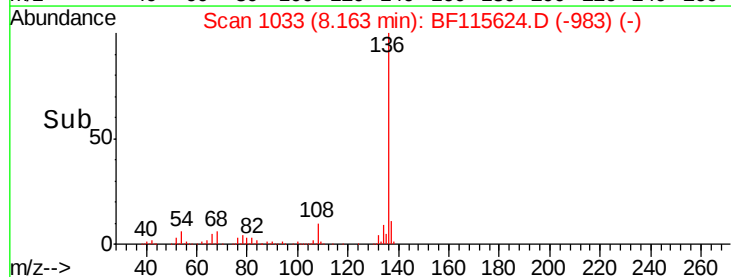
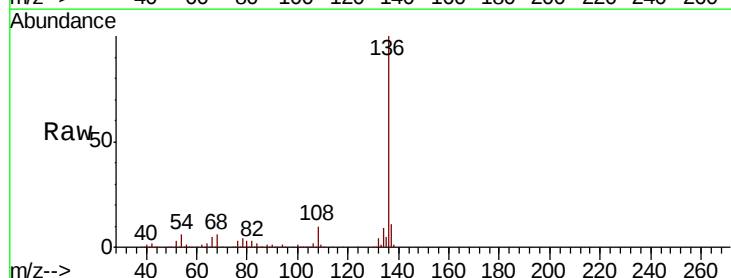
Ion Ratio Lower Upper

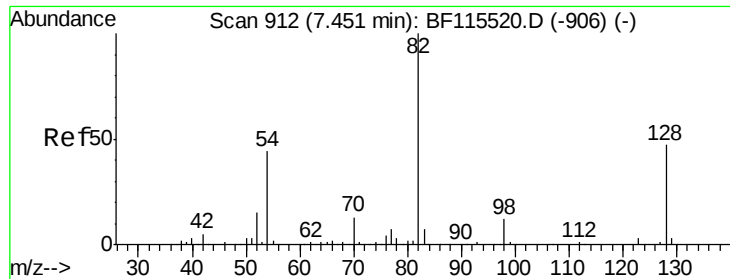
136 100

137 11.0 9.0 13.4

54 6.4 5.6 8.4

68 5.9 5.0 7.6

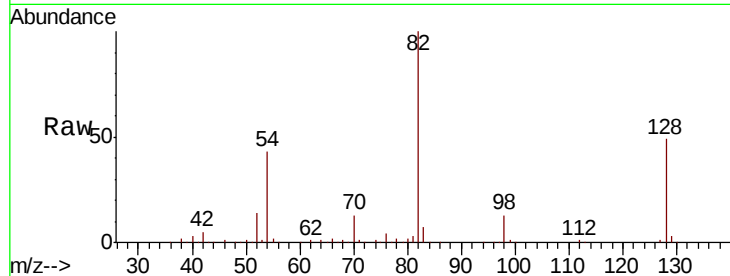




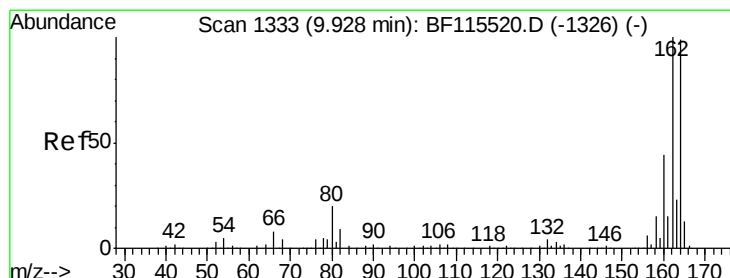
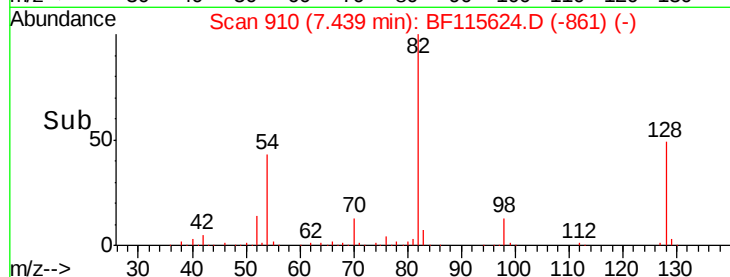
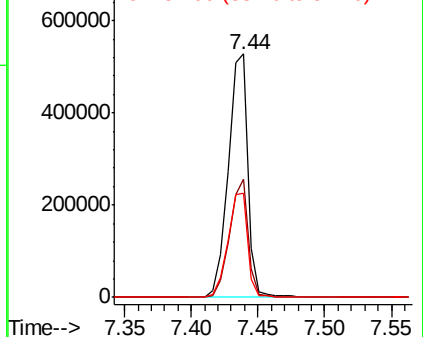
#23
Nitrobenzene-d5
Concen: 46.904 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115624.D
Acq: 17 Jul 2019 15:45

Instrument :
BNA_F
ClientSampleId :
WARINANCO-CITY-SEWER-INSTAL

Tot Ion: 82 Resp: 549709
Ion Ratio Lower Upper
82 100
128 48.6 38.6 57.8
54 42.7 35.6 53.4

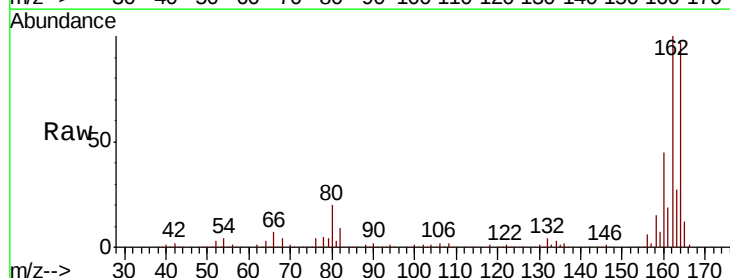


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

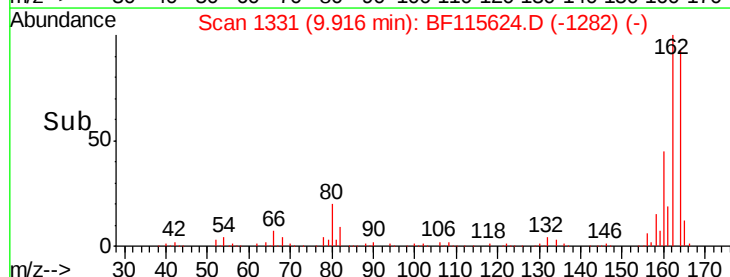
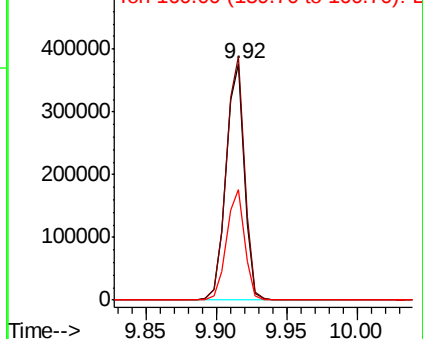


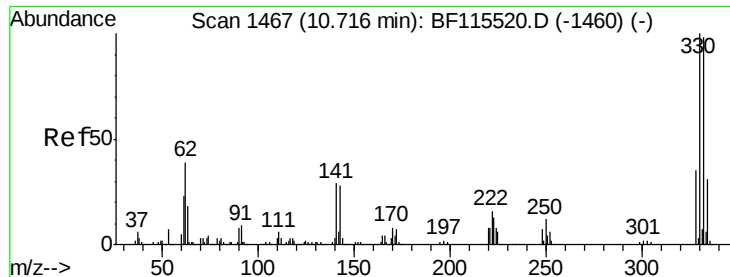
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115624.D
Acq: 17 Jul 2019 15:45

Tgt Ion:164 Resp: 339212
Ion Ratio Lower Upper
164 100
162 103.1 82.9 124.3
160 46.7 36.8 55.2



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: 24.332 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

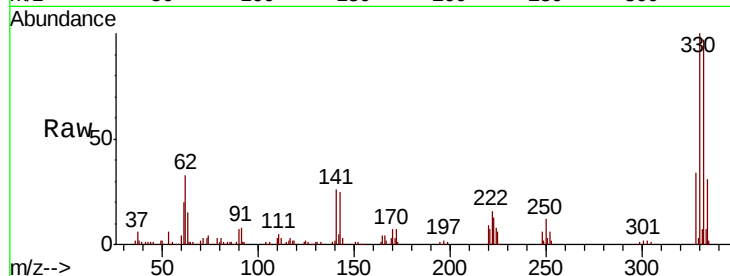
Tot Ion:330 Resp: 96339

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

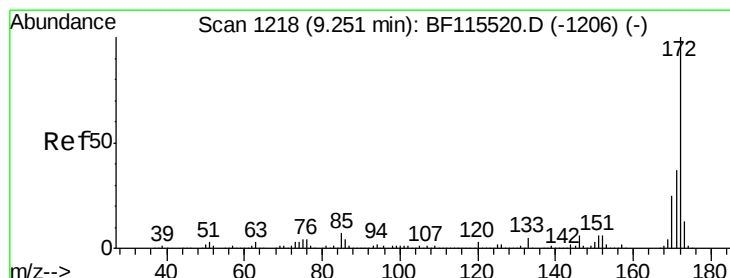
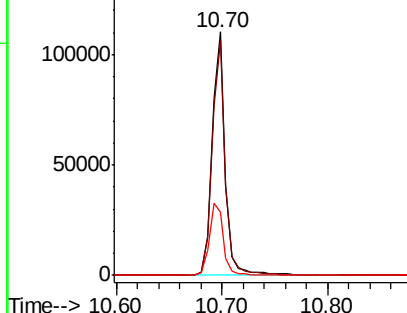
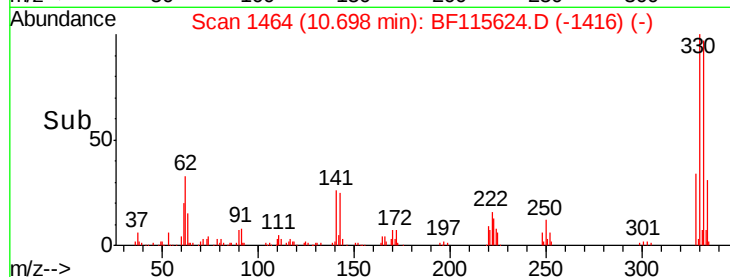
141 31.5 22.4 33.6



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: 55.006 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

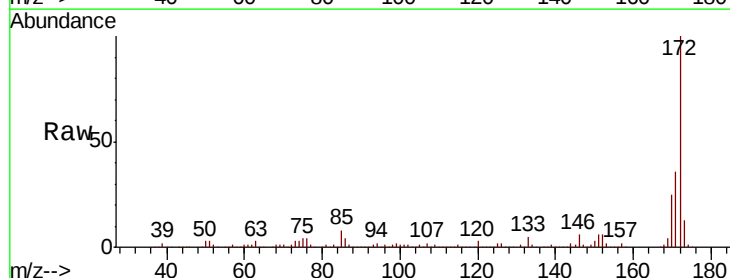
Tgt Ion:172 Resp: 1066035

Ion Ratio Lower Upper

172 100

171 36.3 30.6 46.0

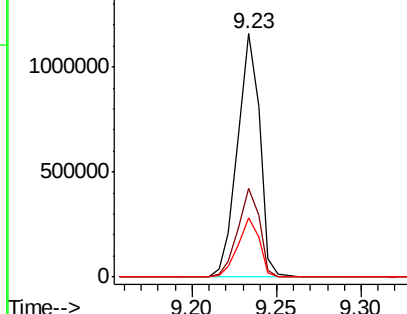
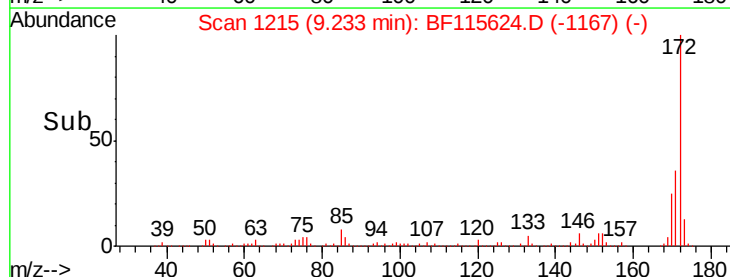
170 24.5 20.5 30.7

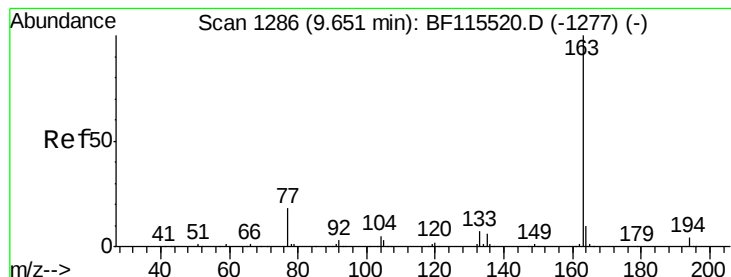


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.708 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

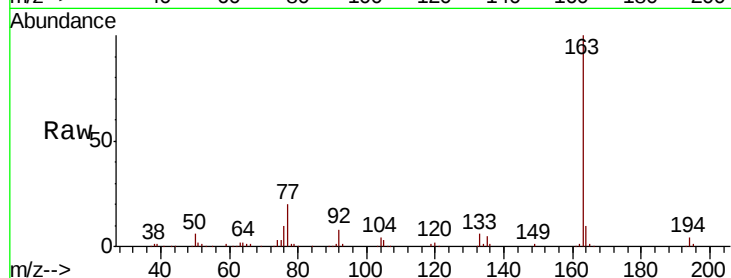
Tot Ion:163 Resp: 222236

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

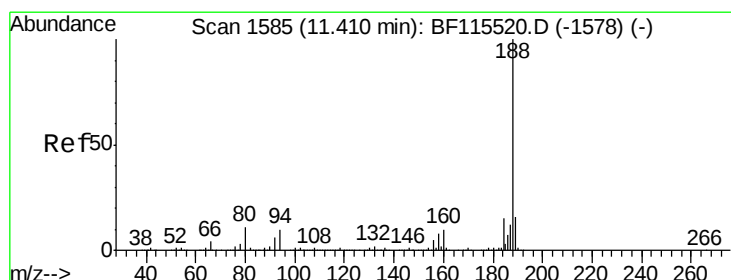
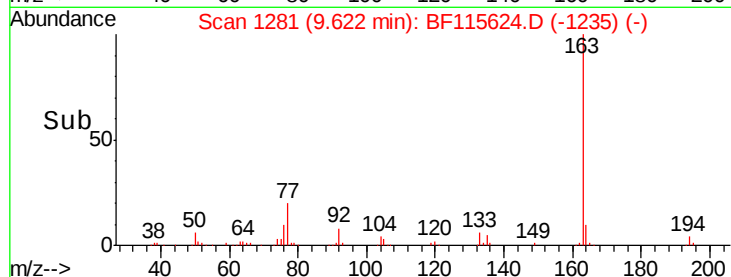
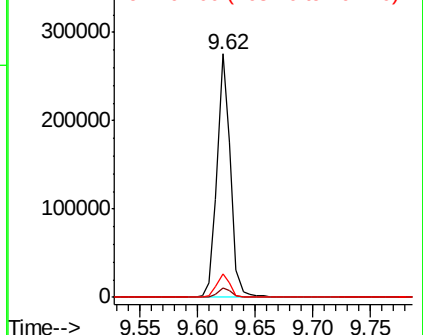
164 9.7 8.7 13.1



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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

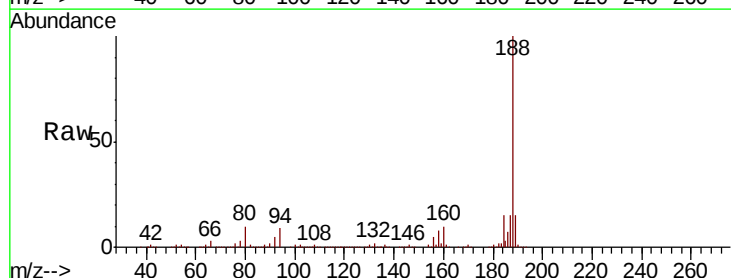
Tgt Ion:188 Resp: 616353

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

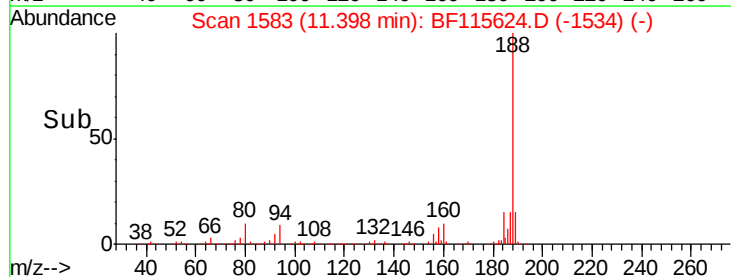
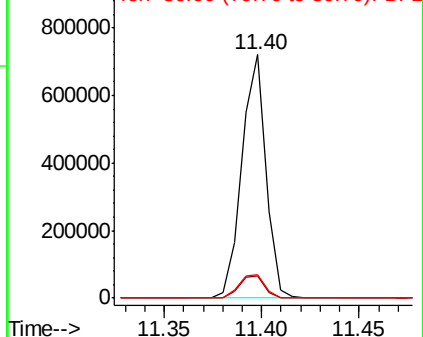
80 9.7 8.6 13.0

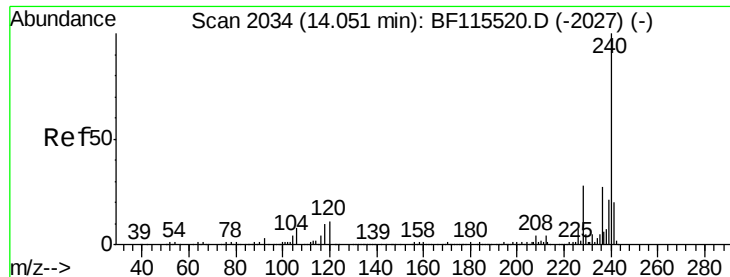


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

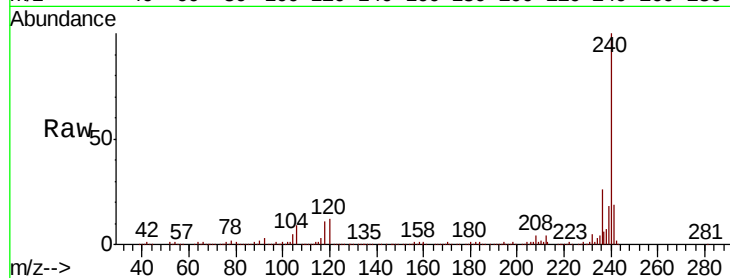
Tot Ion:240 Resp: 376585

Ion Ratio Lower Upper

240 100

120 12.2 8.6 13.0

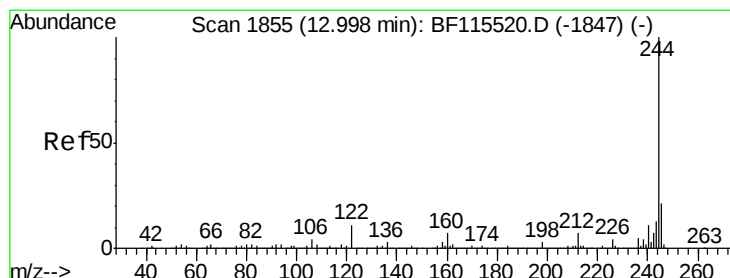
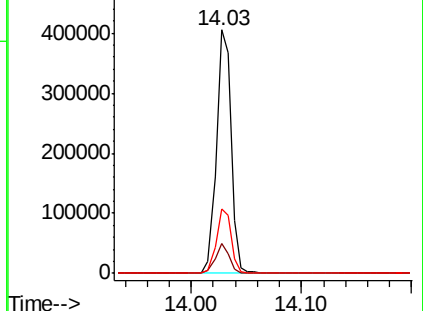
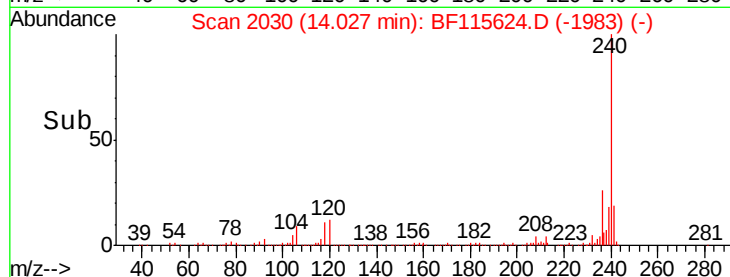
236 26.3 21.3 31.9



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: 51.616 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

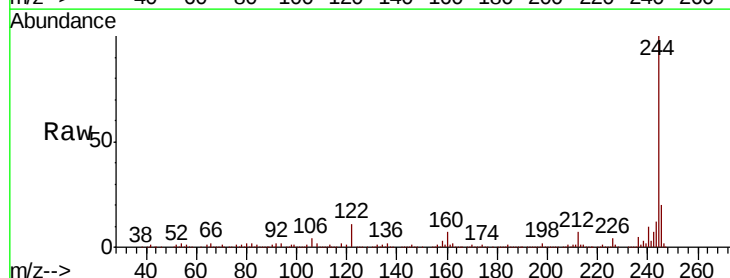
Tgt Ion:244 Resp: 1053445

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

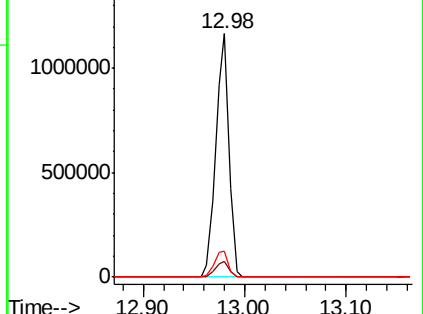
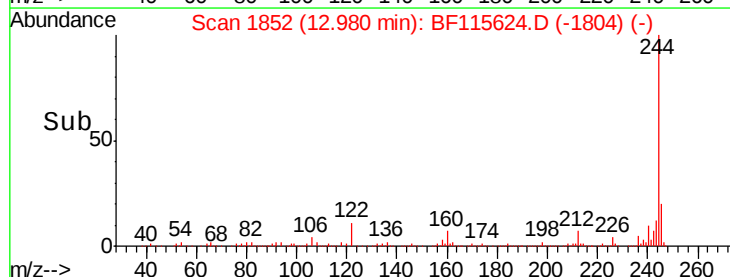
122 10.9 8.6 12.8

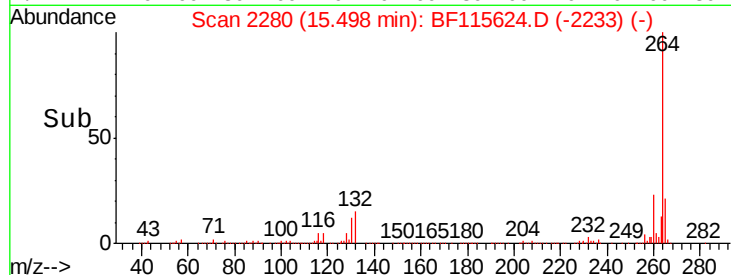
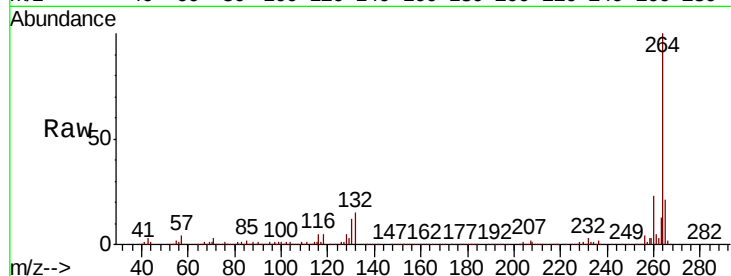
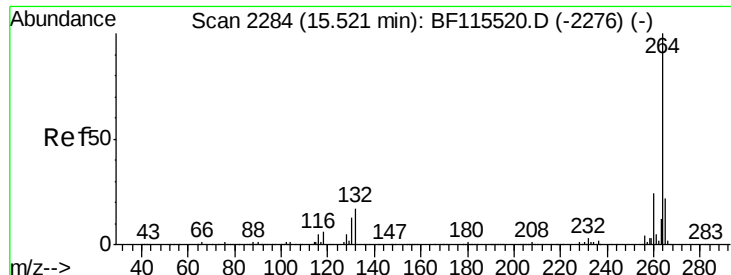


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BF115624.D
 Acq: 17 Jul 2019 15:45

Instrument :
 BNA_F
 ClientSampleId :
 WARINANCO-CITY-SEWER-INSTAL

Tot Ion:264	Resp:	348781
Ion Ratio	Lower	Upper
264	100	
260	23.4	19.8 29.8
265	21.1	17.7 26.5

