

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 04:44:55 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

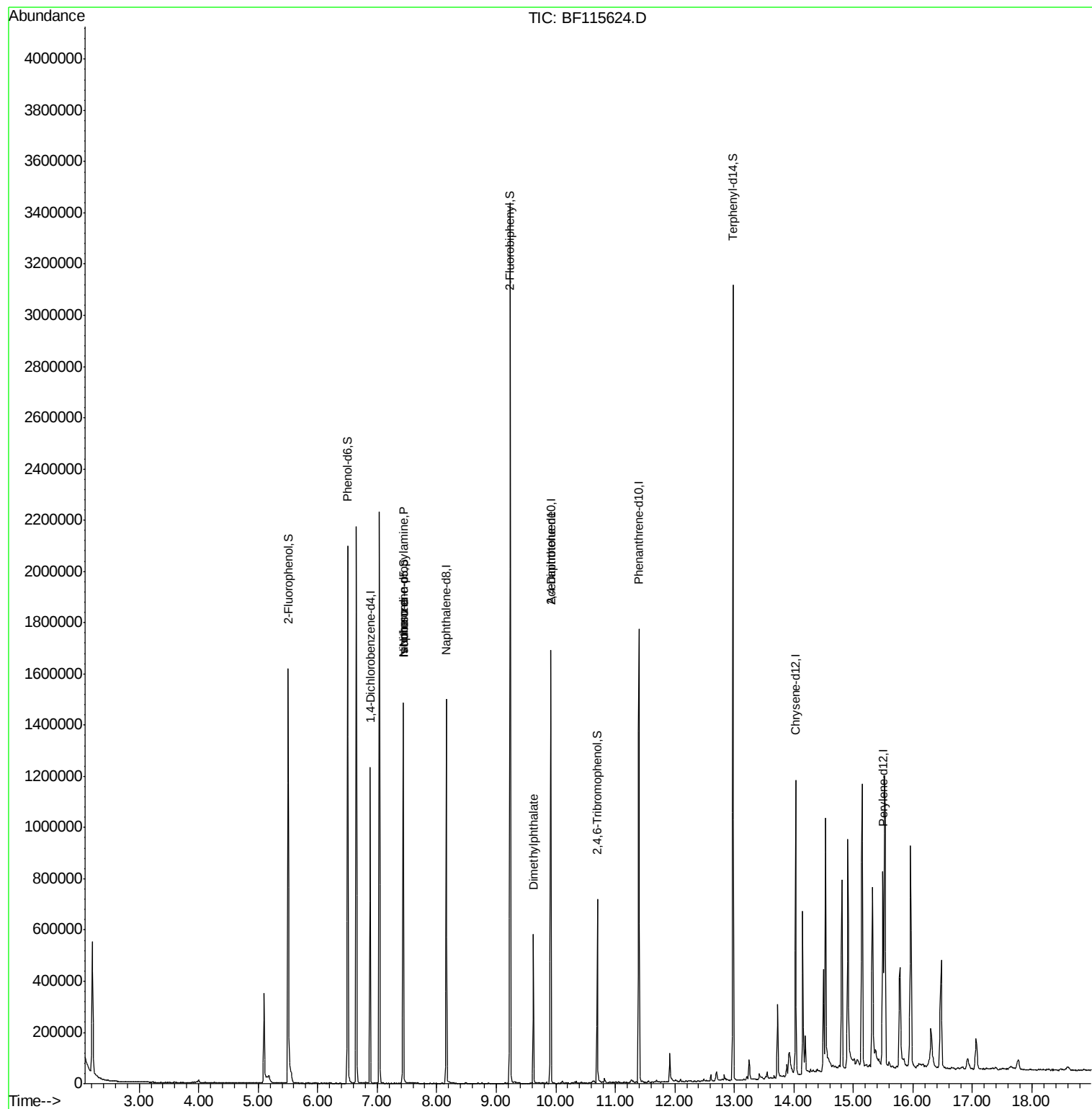
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	168241	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	681476	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	339212	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	616353	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	376585	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						
19) n-Nitroso-di-n-propylamine	7.44	70	70185	8.246	ng	# 78
25) Isophorone	7.44	82	538438	22.959	ng	# 64
50) Dimethylphthalate	9.62	163	222236	8.708	ng	98
57) 2,4-Dinitrotoluene	9.92	165	43666	5.811	ng	# 24

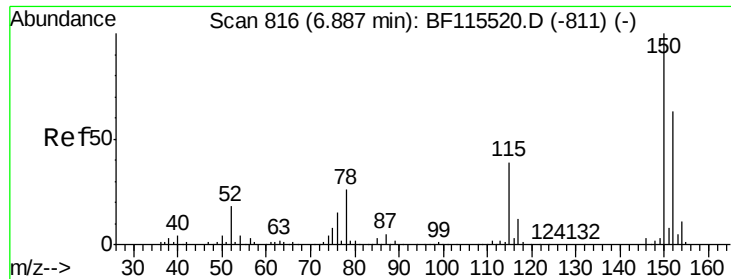
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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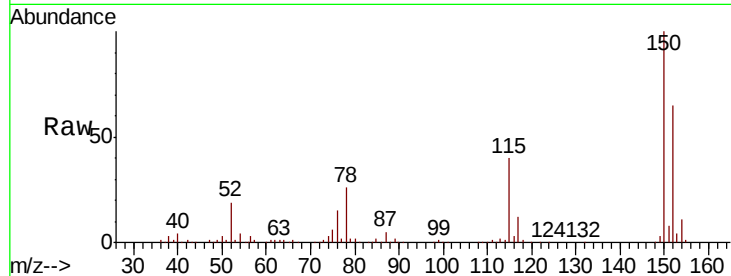


#1

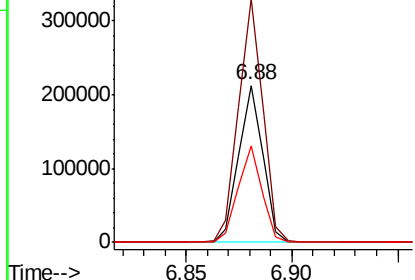
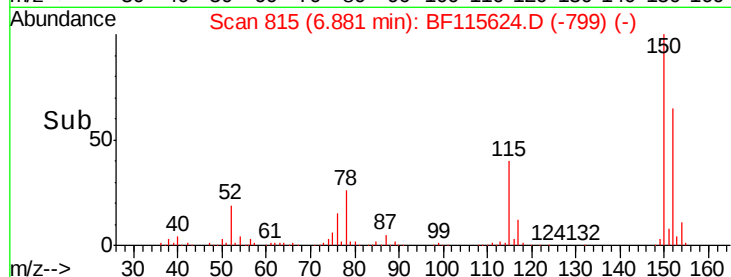
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115624.D
Acq: 17 Jul 2019 15:45

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

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



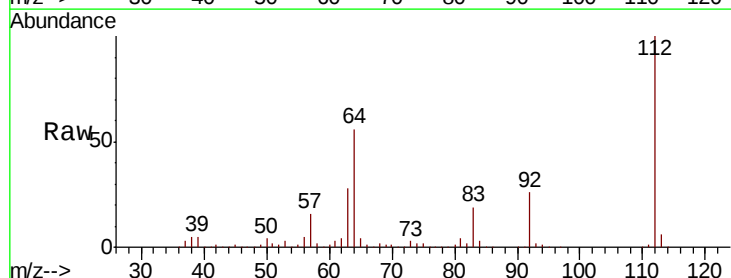
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



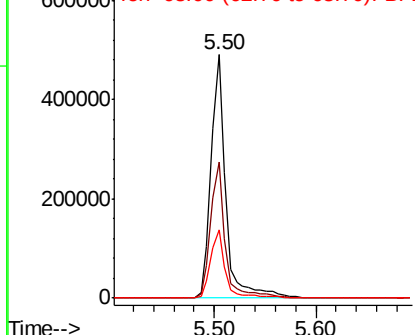
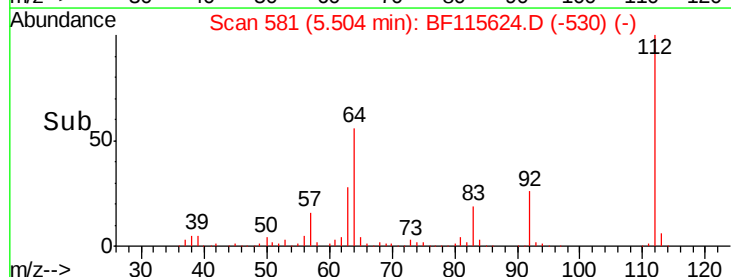
#5

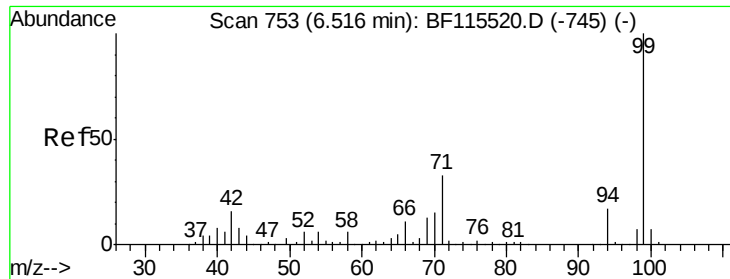
2-Fluorophenol
Concen: 48.964 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF115624.D
Acq: 17 Jul 2019 15:45

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

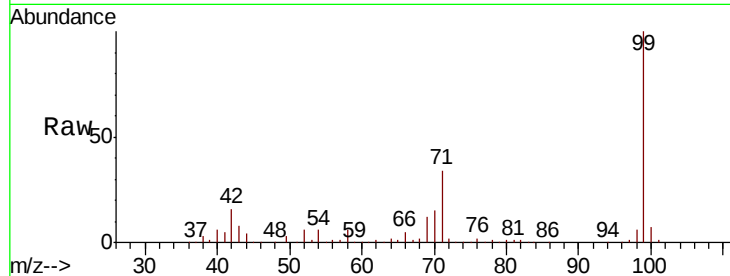
Tgt Ion: 99 Resp: 795022

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

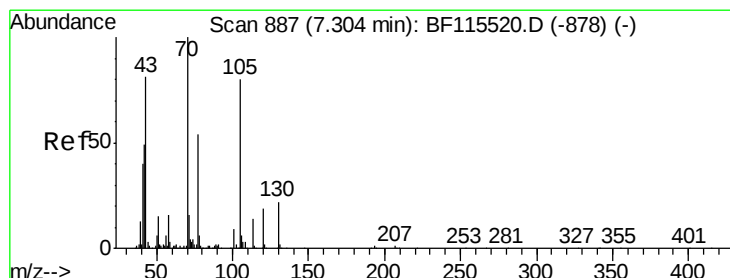
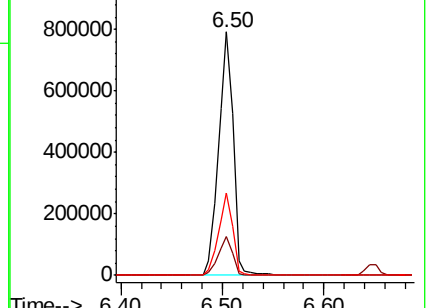
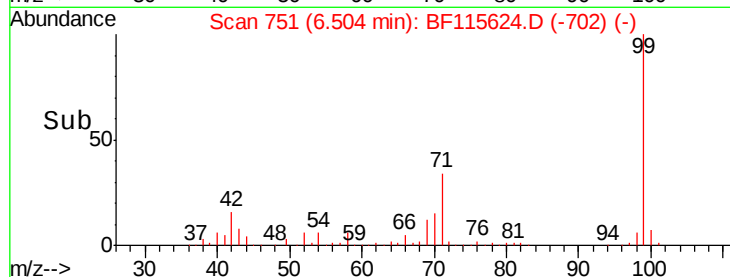
71 33.6 28.5 42.7



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: 8.246 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

Tgt Ion: 70 Resp: 70185

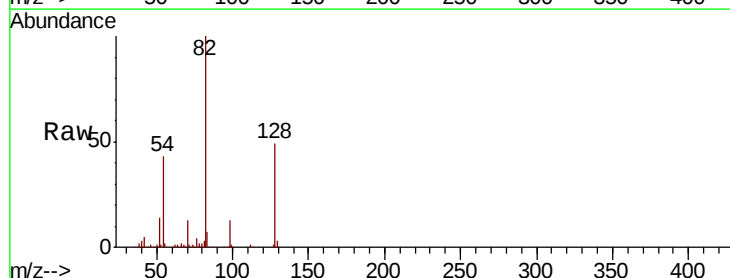
Ion Ratio Lower Upper

70 100

42 41.8 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

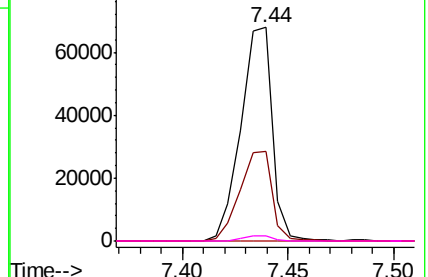
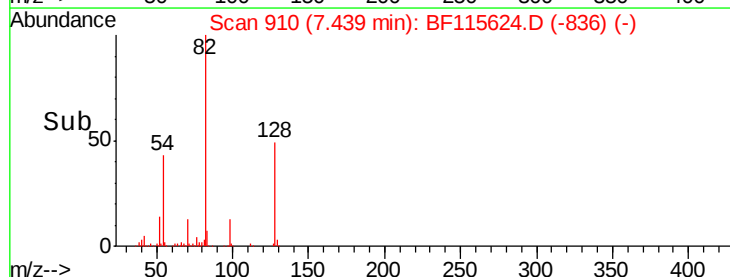


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

Tgt Ion: 136 Resp: 681476

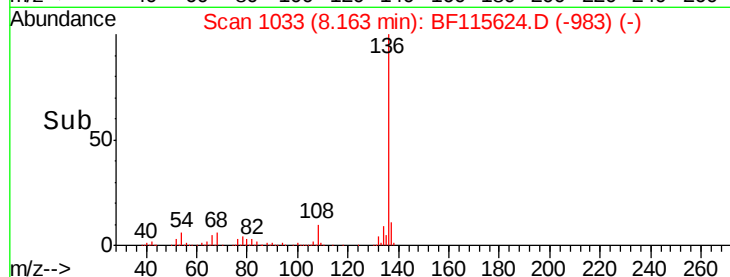
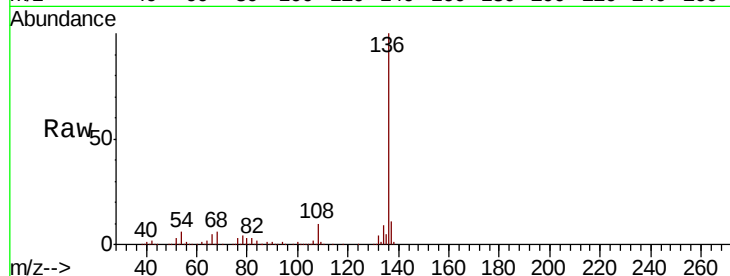
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.4 5.6 8.4

68 5.9 5.0 7.6

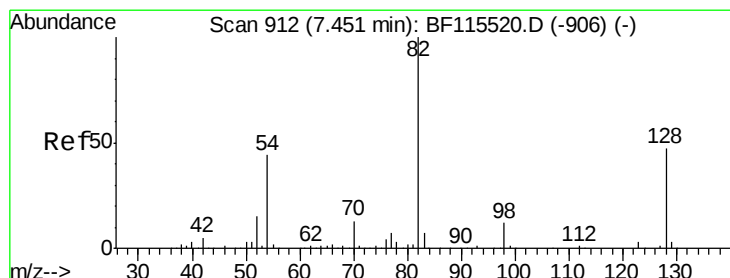
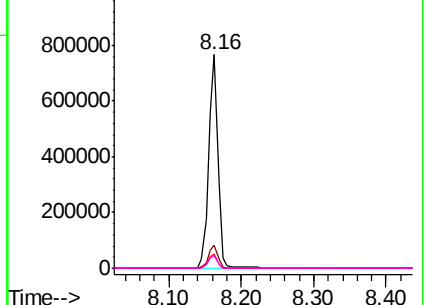


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

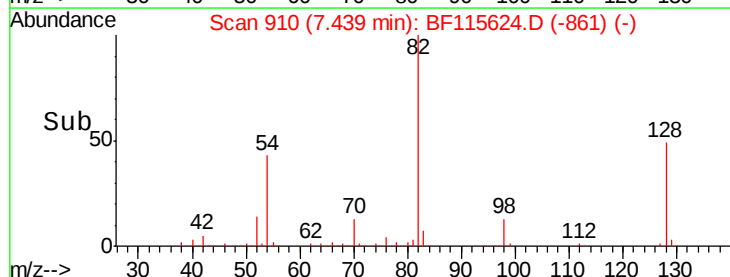
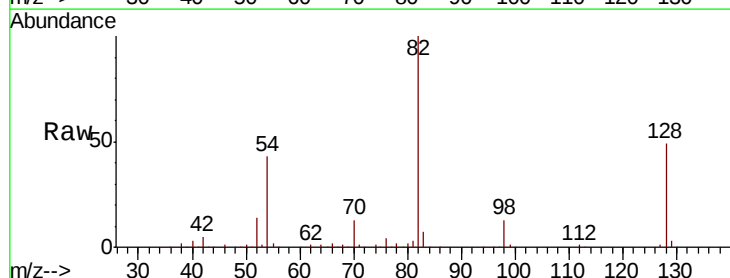
Tgt Ion: 82 Resp: 549709

Ion Ratio Lower Upper

82 100

128 48.6 38.6 57.8

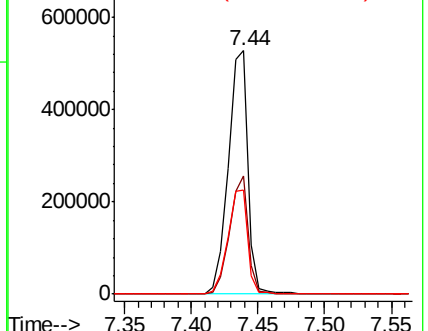
54 42.7 35.6 53.4

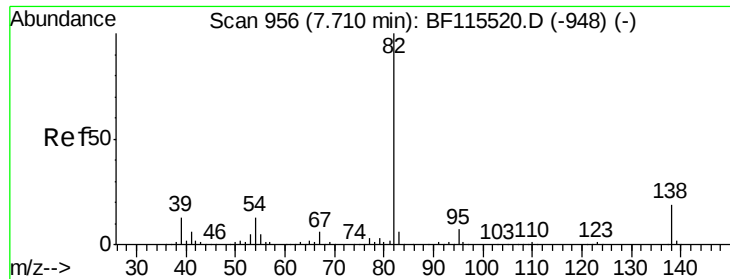


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 22.959 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

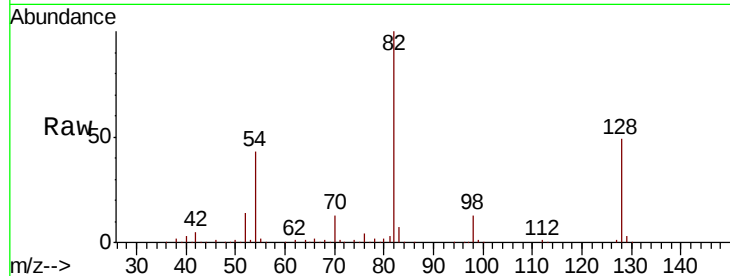
Tgt Ion: 82 Resp: 538438

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

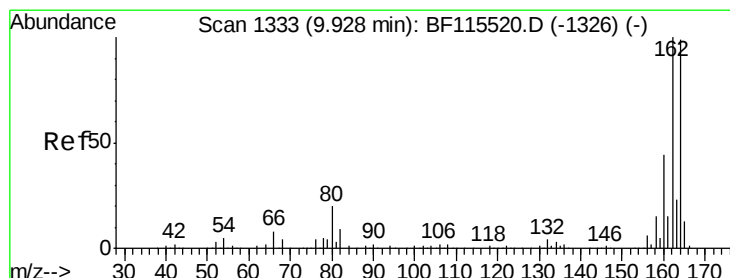
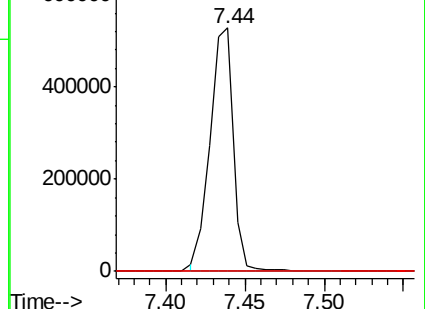
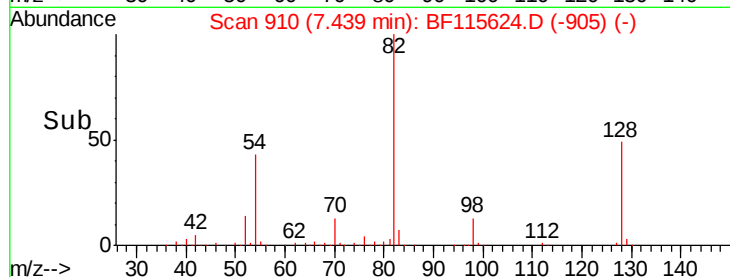
138 0.0 14.9 22.3#



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): 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

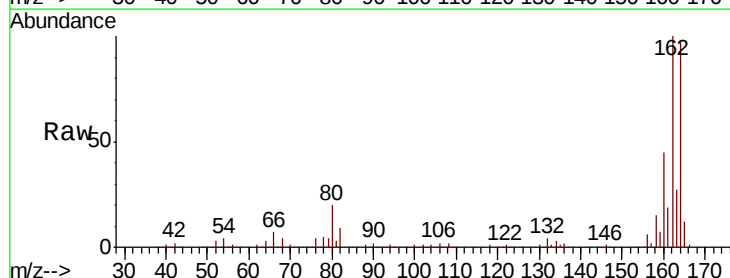
Tgt Ion: 164 Resp: 339212

Ion Ratio Lower Upper

164 100

162 103.1 82.9 124.3

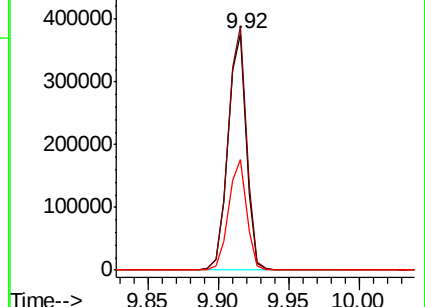
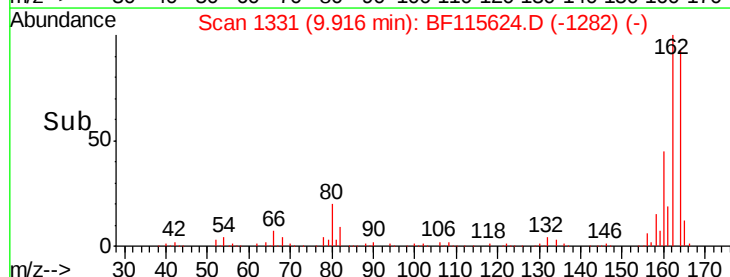
160 46.7 36.8 55.2

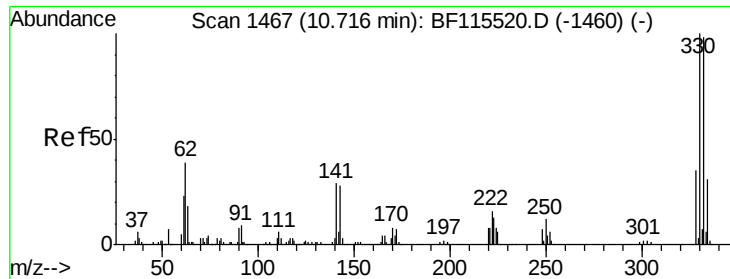


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

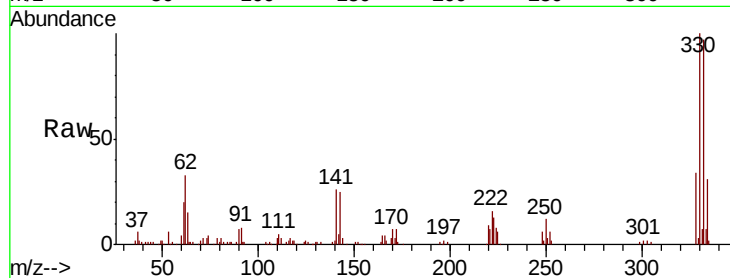




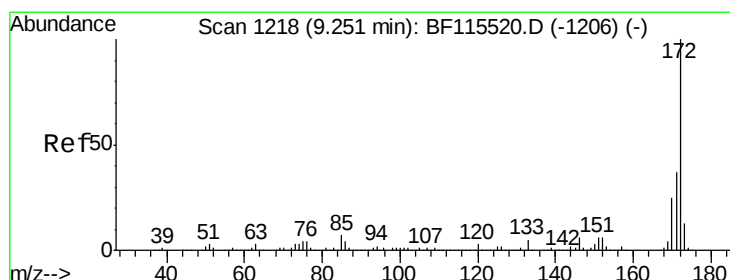
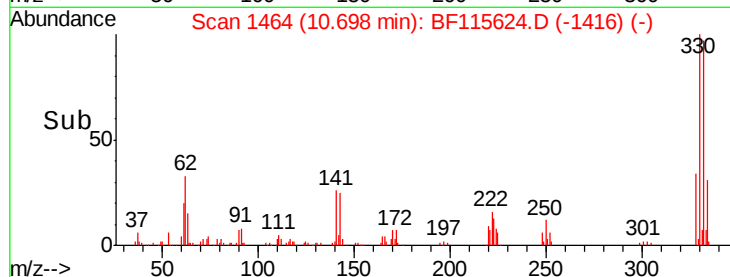
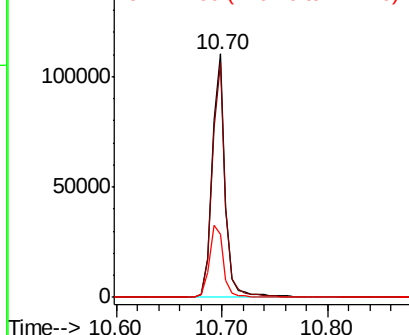
#42
 2,4,6-Tribromophenol
 Concen: 24.332 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115624.D
 Acq: 17 Jul 2019 15:45

Instrument :
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 WARINANCO-CITY-SEWER-INSTAL

Tgt Ion:330 Resp: 96339
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 31.5 22.4 33.6

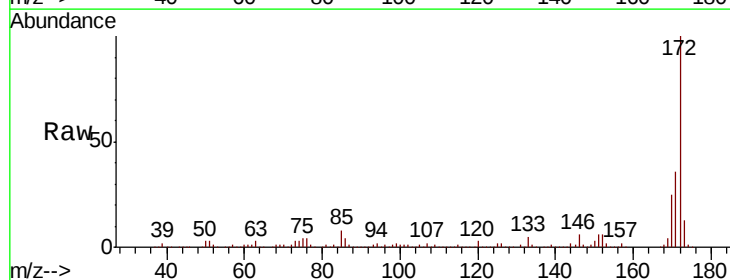


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

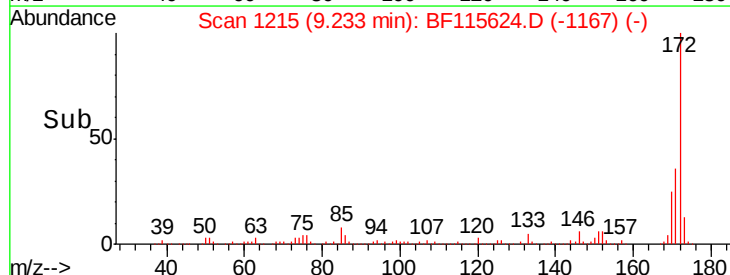
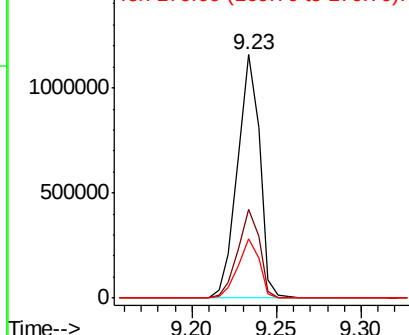


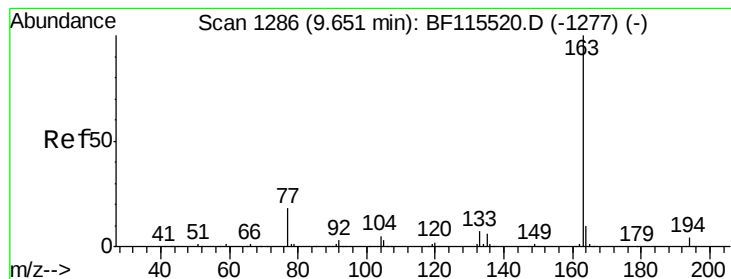
#45
 2-Fluorobiphenyl
 Concen: 55.006 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115624.D
 Acq: 17 Jul 2019 15:45

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

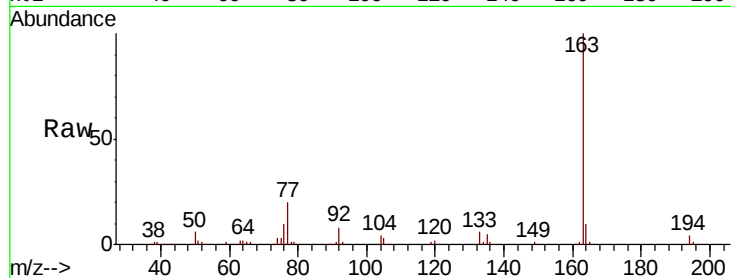
Tgt Ion:163 Resp: 222236

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

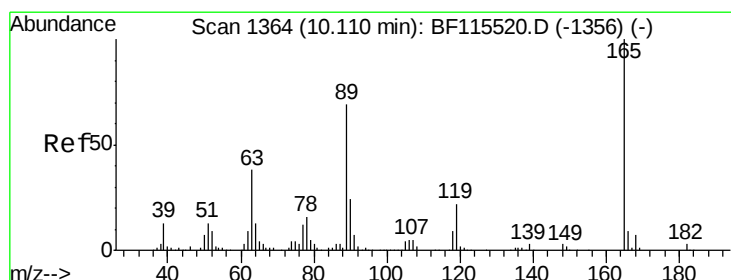
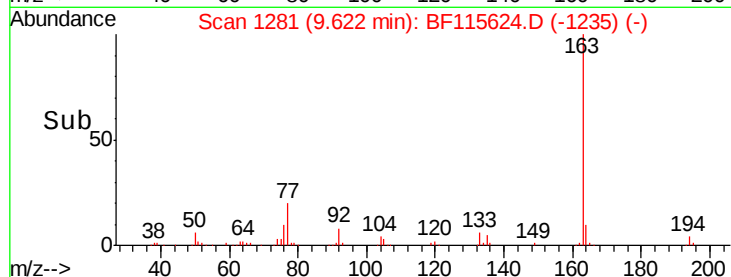
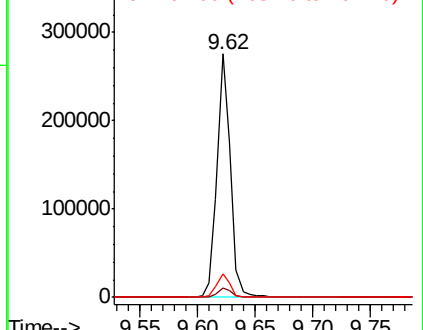
164 9.7 8.7 13.1



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



#57

2,4-Dinitrotoluene

Concen: 5.811 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

Tgt Ion:165 Resp: 43666

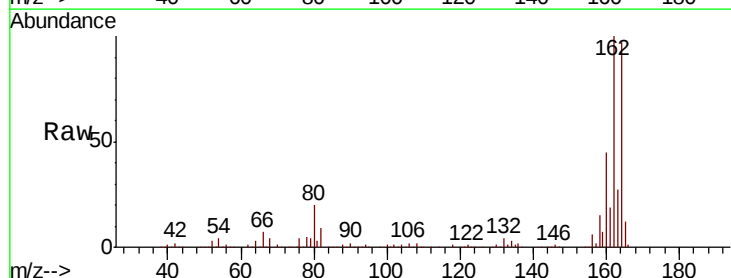
Ion Ratio Lower Upper

165 100

63 1.1 34.9 52.3#

89 1.7 57.5 86.3#

182 0.0 2.2 3.4#

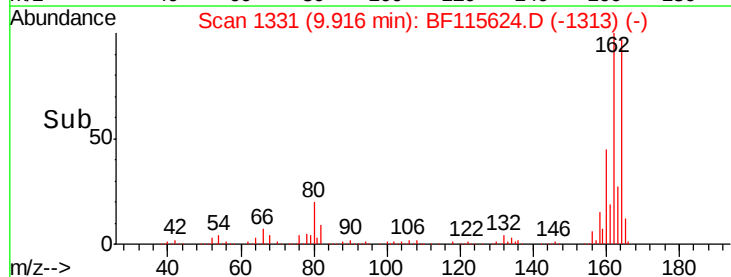
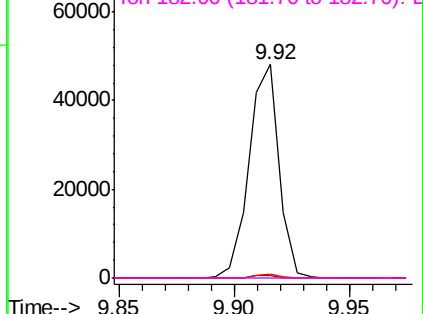


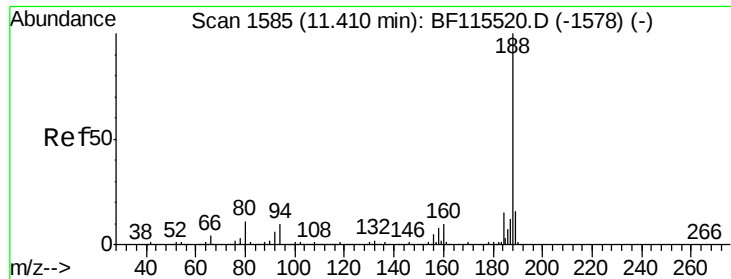
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115624.D

Acq: 17 Jul 2019 15:45

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

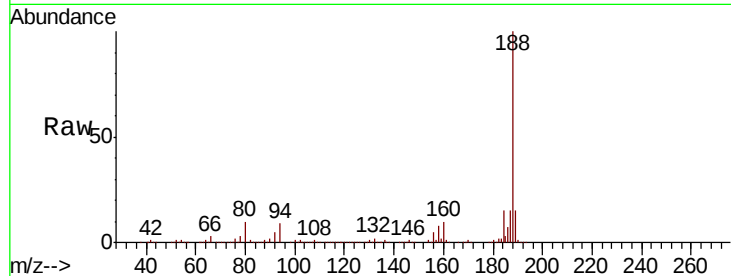
Tgt Ion:188 Resp: 616353

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.6

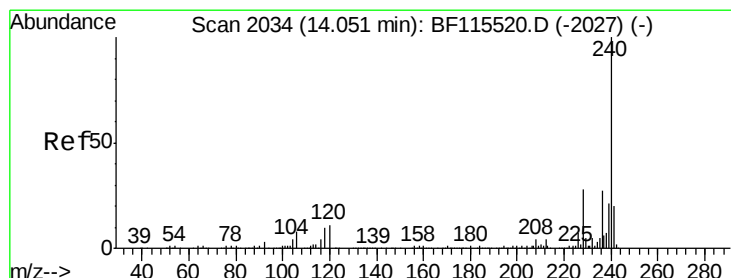
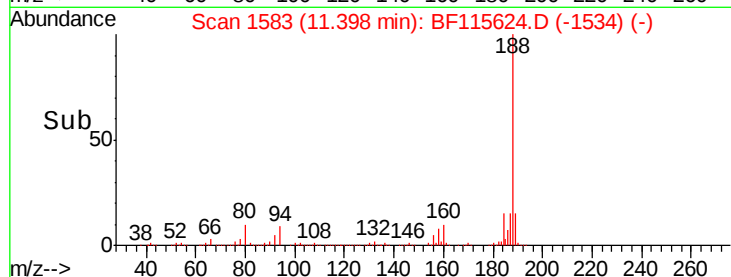
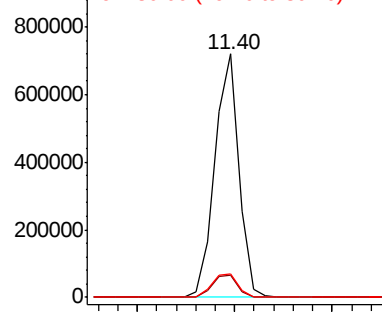
80 9.7 8.6 13.0



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

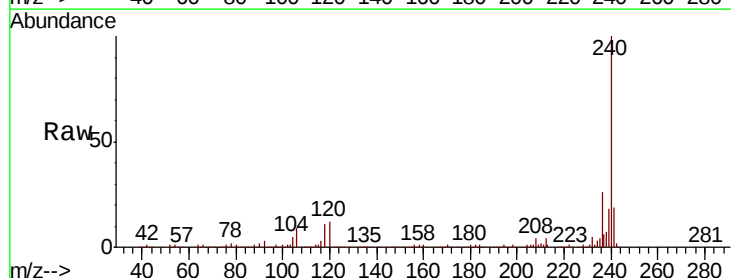
Tgt Ion:240 Resp: 376585

Ion Ratio Lower Upper

240 100

120 12.2 8.6 13.0

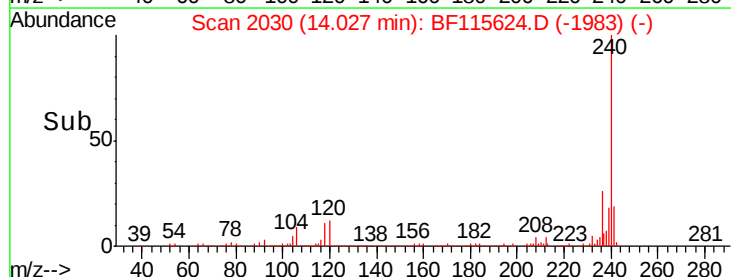
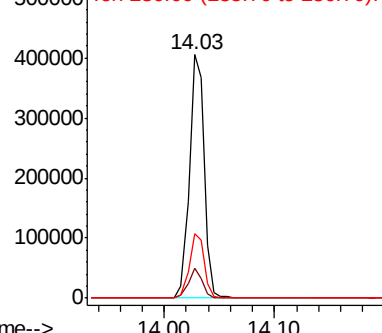
236 26.3 21.3 31.9

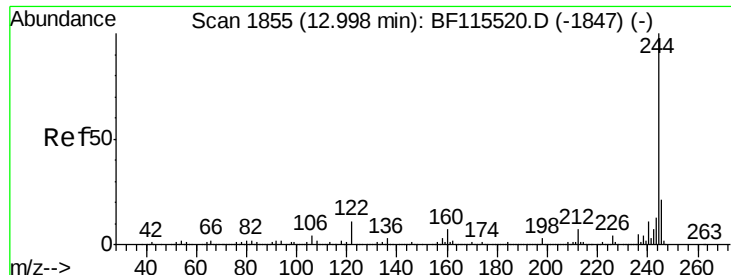


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_F

ClientSampleId :

WARINANCO-CITY-SEWER-INSTAL

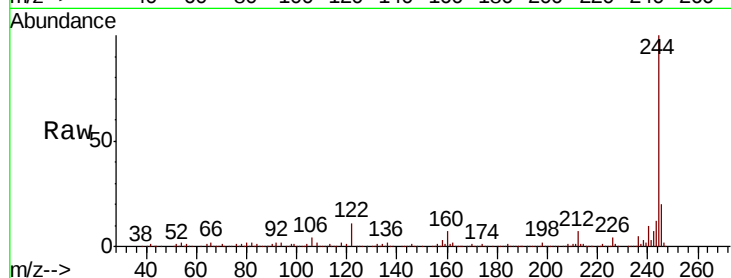
Tgt Ion:244 Resp: 1053445

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

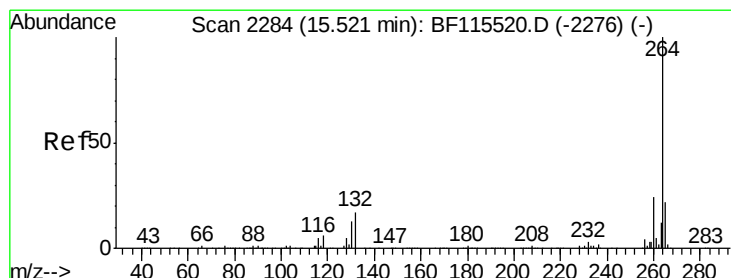
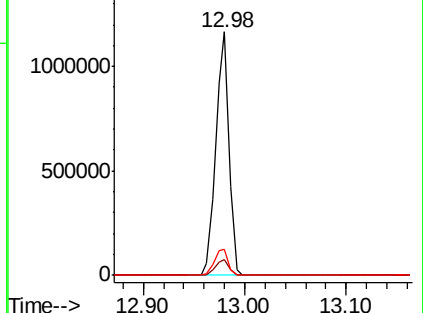
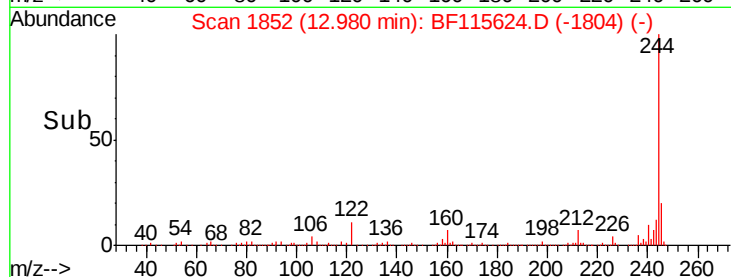
122 10.9 8.6 12.8



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

Perylene-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

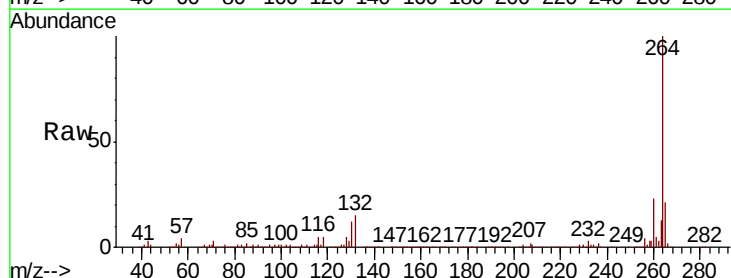
Tgt Ion:264 Resp: 348781

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.8

265 21.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

