

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108257.D
 Acq On : 17 Aug 2018 21:42
 Operator : JU/SJ
 Sample : J4506-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Aug 18 00:54:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

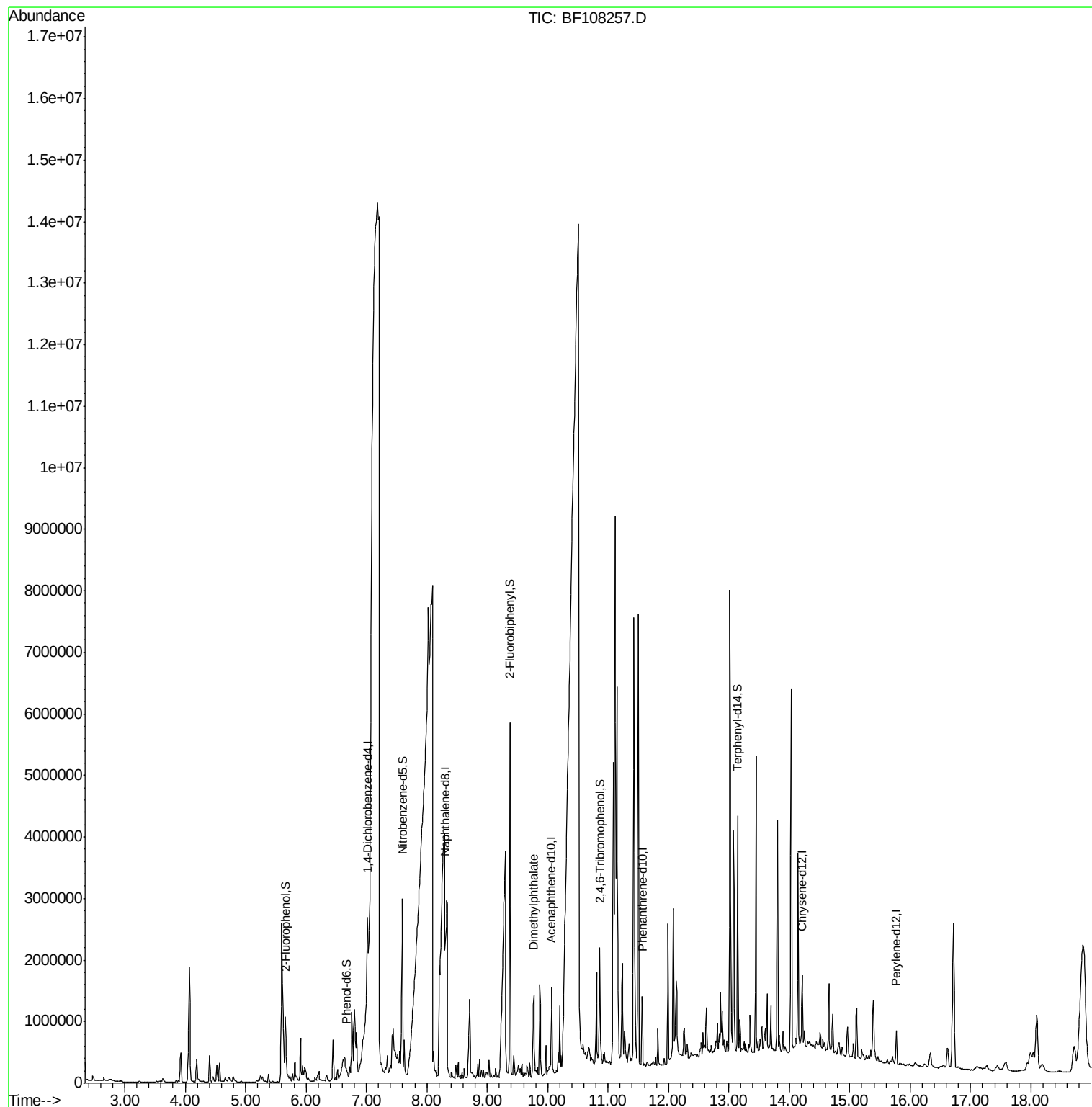
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	137169	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	488930	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	245991	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	401925	20.00	ng	0.00
75) Chrysene-d12	14.21	240	381514	20.00	ng	0.00
86) Perylene-d12	15.77	264	280197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	346944	45.79	ng	0.03
7) Phenol-d6	6.67	99	40073	3.98	ng	0.04
23) Nitrobenzene-d5	7.60	82	844885	96.43	ng	0.02
41) 2,4,6-Tribromophenol	10.86	330	211805	86.32	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1501063	97.97	ng	0.00
78) Terphenyl-d14	13.15	244	1263887	84.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	62930	3.673	ng	Qvalue # 97

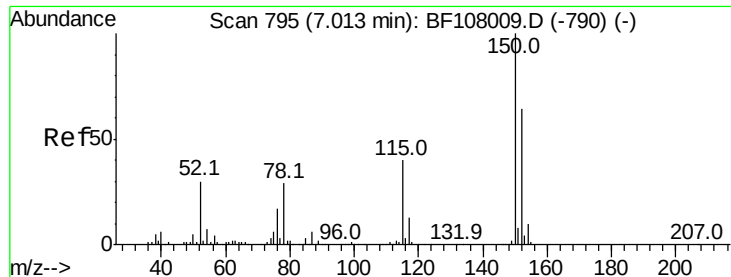
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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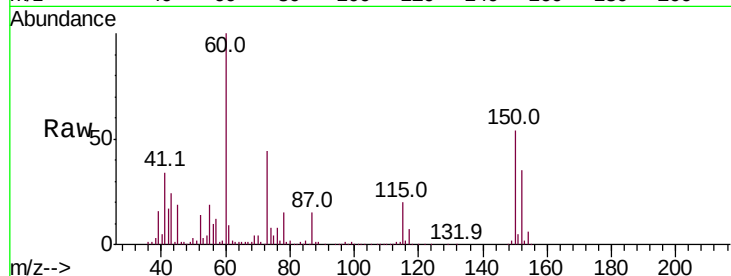


#1

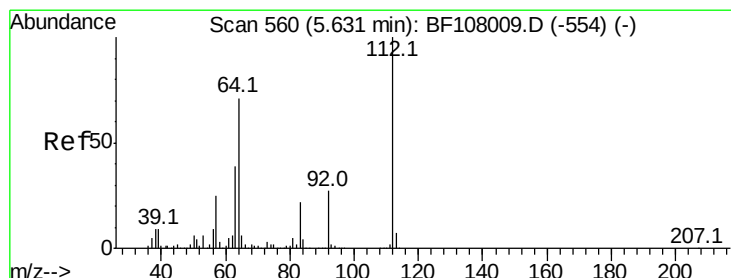
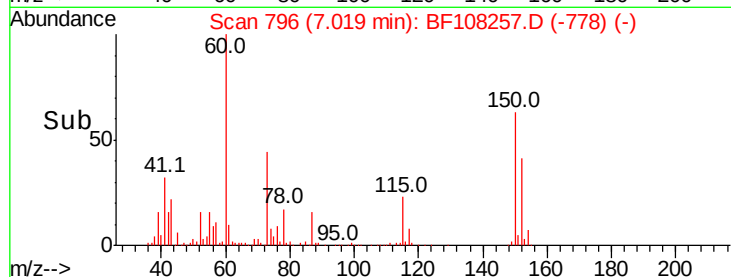
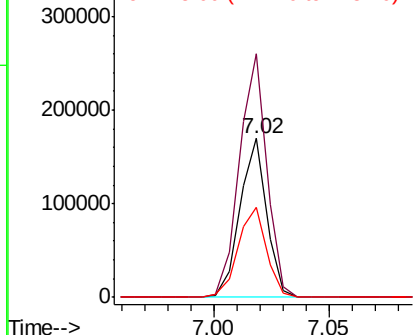
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tot Ion:152 Resp: 137169
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 57.2 50.1 75.1



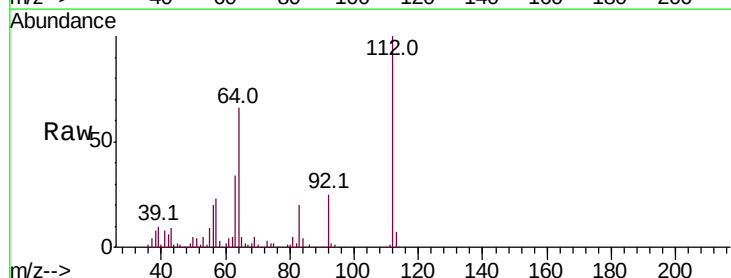
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



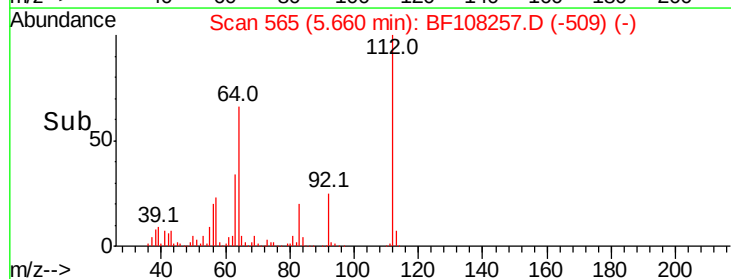
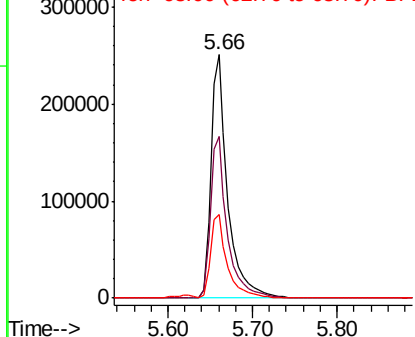
#5

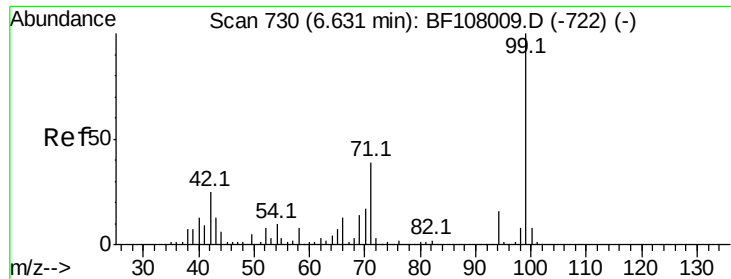
2-Fluorophenol
Concen: 45.792 ng
RT: 5.66 min Scan# 565
Delta R.T. 0.03 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion:112 Resp: 346944
Ion Ratio Lower Upper
112 100
64 66.5 47.9 71.9
63 34.3 23.7 35.5



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: 3.980 ng

RT: 6.67 min Scan# 736

Delta R.T. 0.04 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

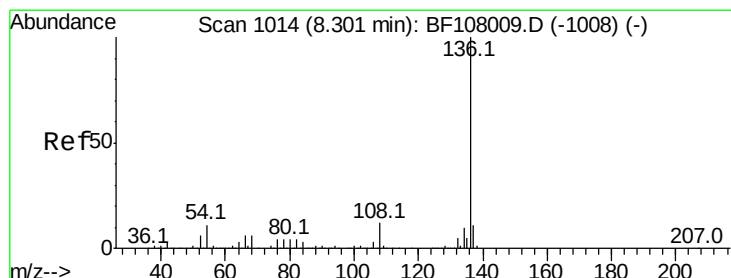
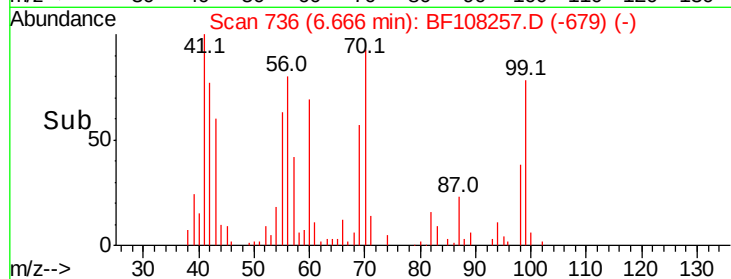
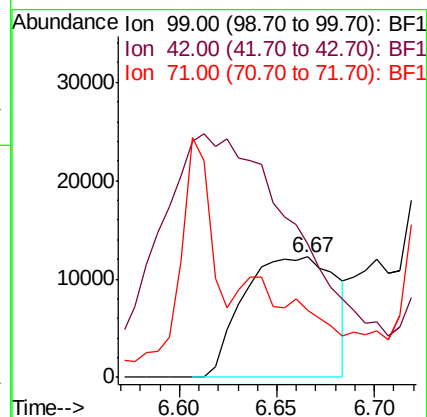
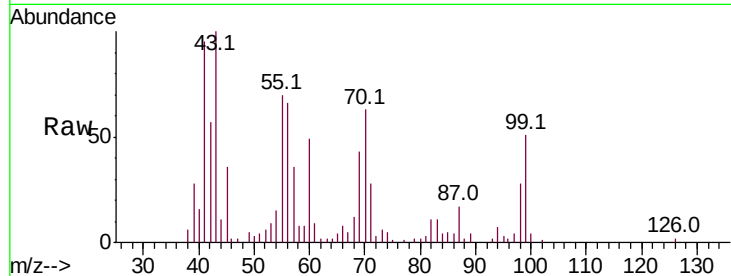
Tot Ion: 99 Resp: 40073

Ion Ratio Lower Upper

99 100

42 110.9 14.5 21.7#

71 55.3 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

Tgt Ion: 136 Resp: 488930

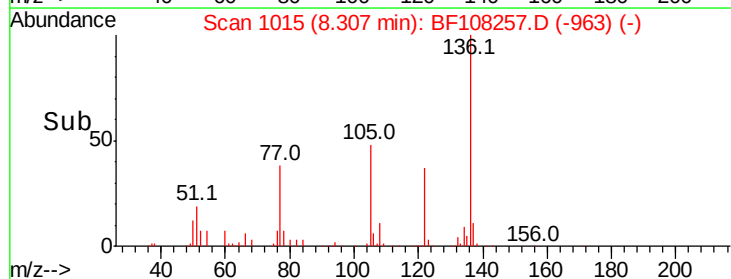
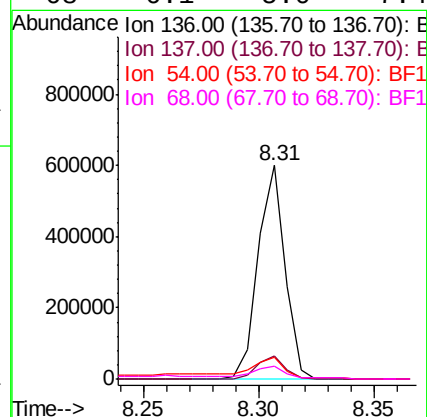
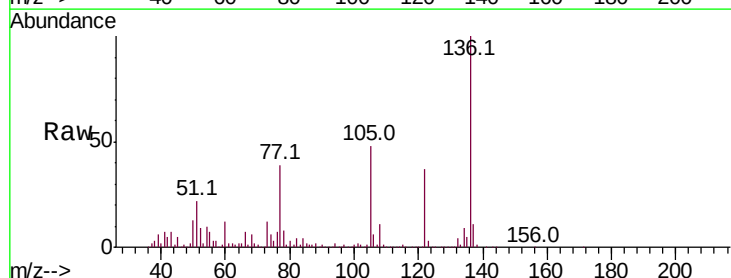
Ion Ratio Lower Upper

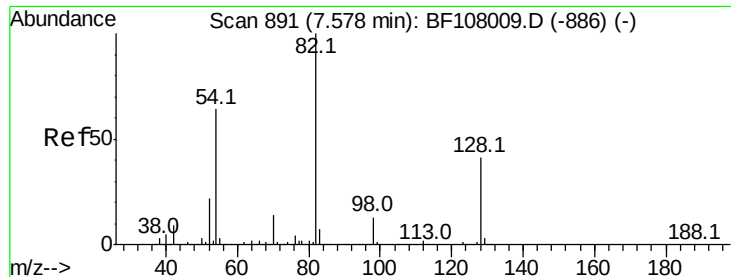
136 100

137 10.7 8.9 13.3

54 10.0 6.6 9.8#

68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 96.426 ng

RT: 7.60 min Scan# 894

Delta R.T. 0.02 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

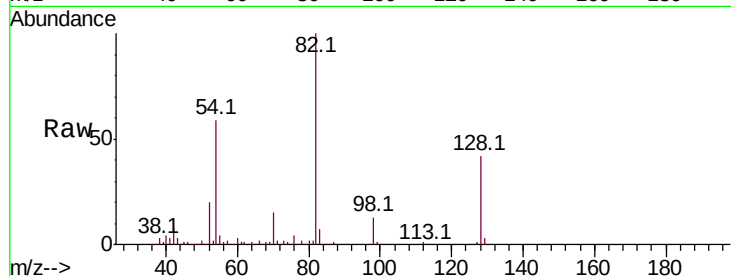
Tot Ion: 82 Resp: 844885

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

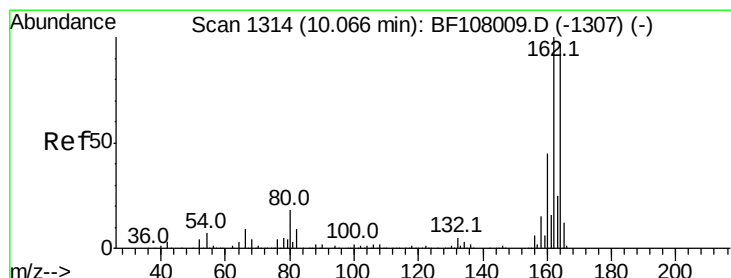
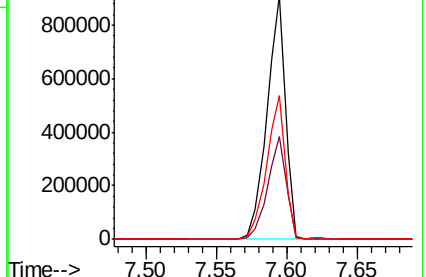
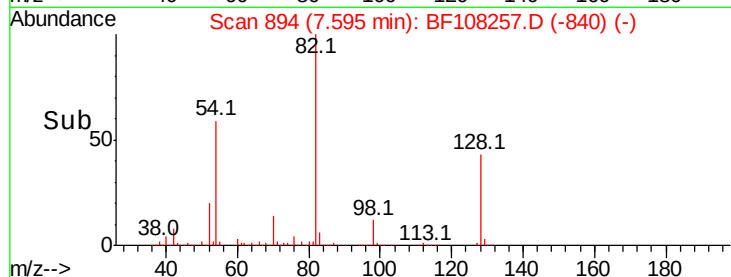
54 59.3 41.4 62.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

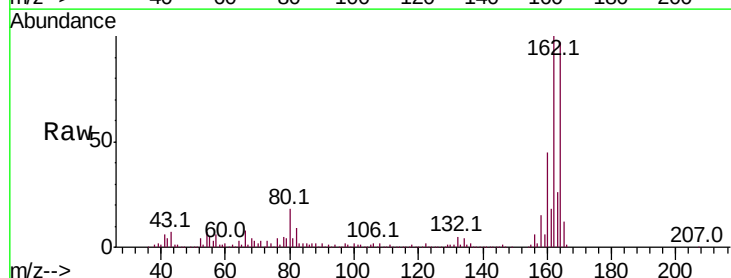
Tgt Ion: 164 Resp: 245991

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

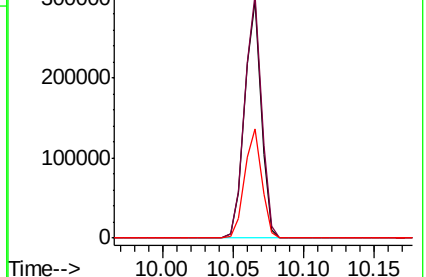
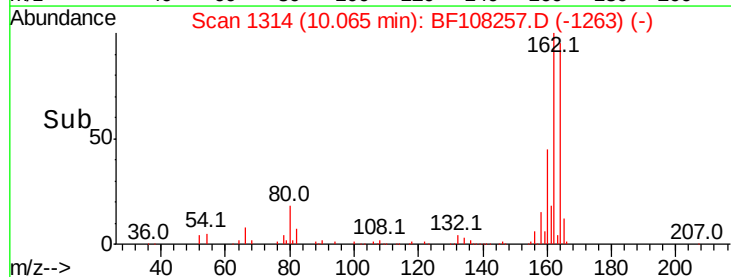
160 46.1 38.3 57.5

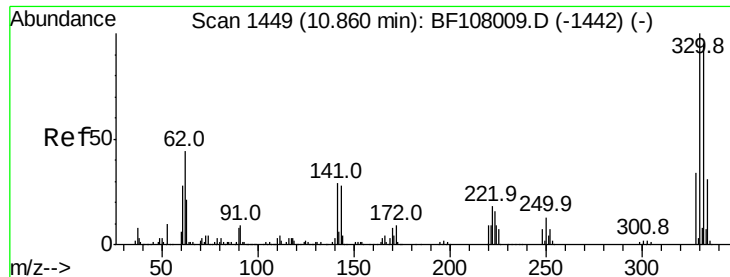


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

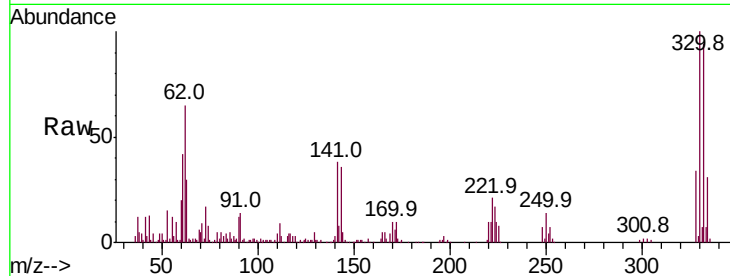




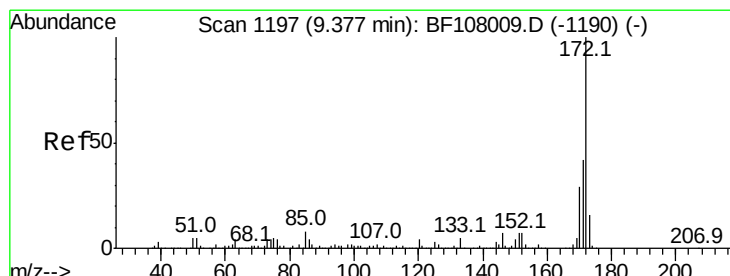
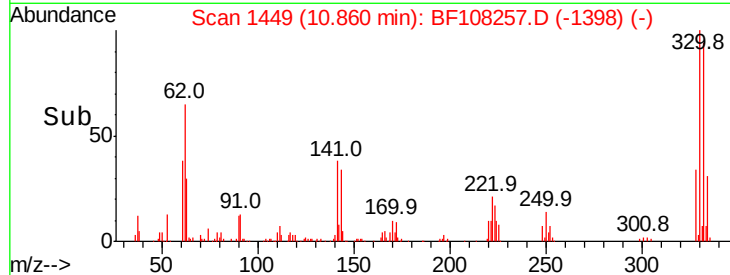
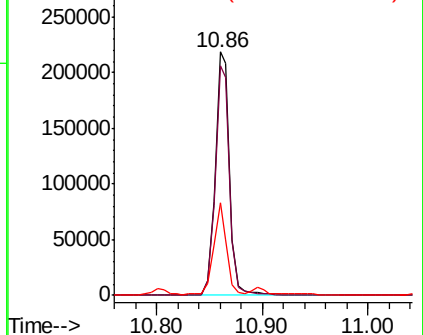
#41
 2,4,6-Tribromophenol
 Concen: 86.321 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108257.D
 Acq: 17 Aug 2018 21:42

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	33.6	29.9	44.9

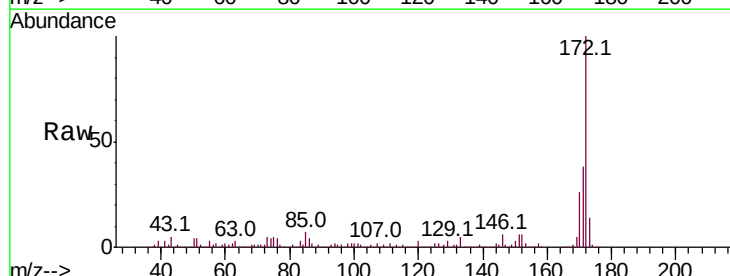


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

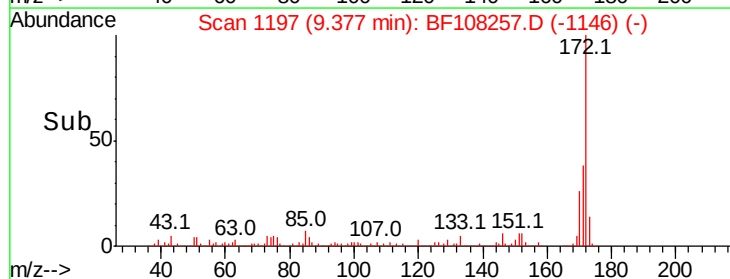
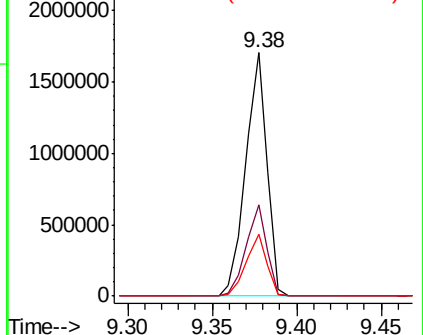


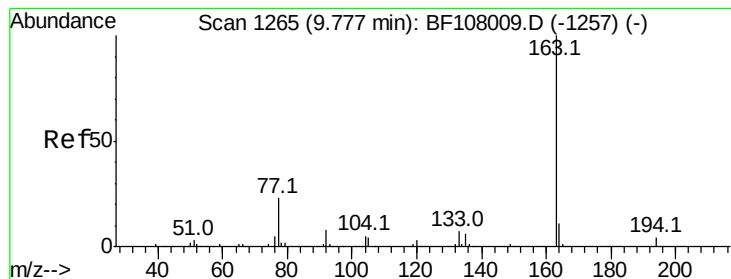
#44
 2-Fluorobiphenyl
 Concen: 97.967 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108257.D
 Acq: 17 Aug 2018 21:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.5	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





#49

Dimethylphthalate

Concen: 3.673 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

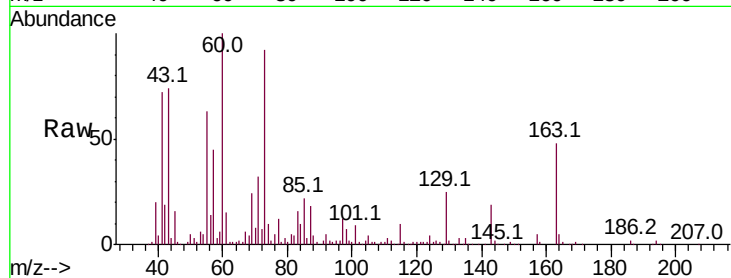
Tot Ion:163 Resp: 62930

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

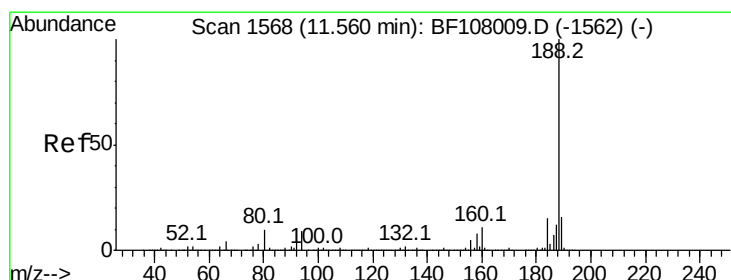
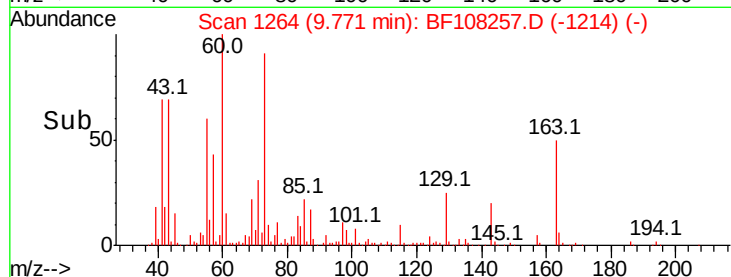
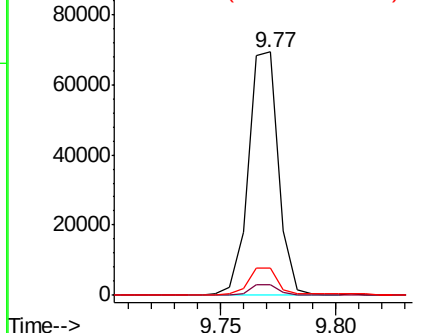
164 11.4 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.57 min Scan# 1569

Delta R.T. 0.01 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

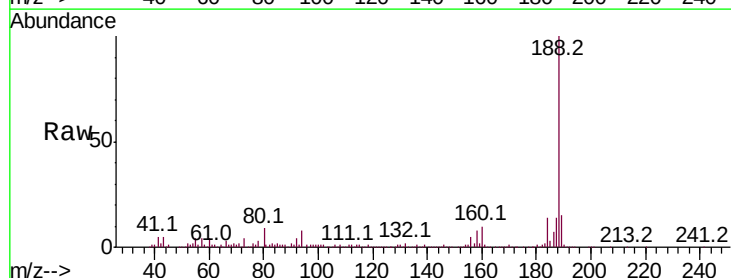
Tgt Ion:188 Resp: 401925

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

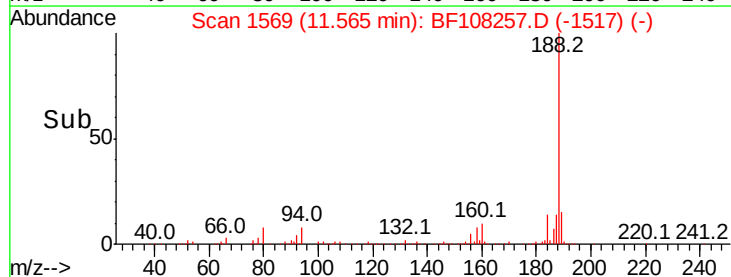
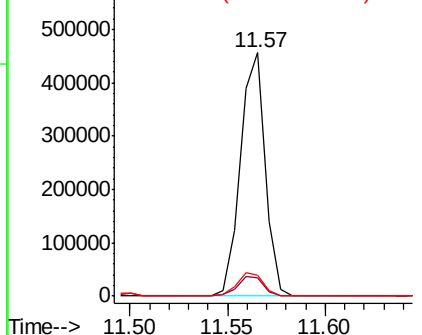
80 8.7 9.2 13.8#

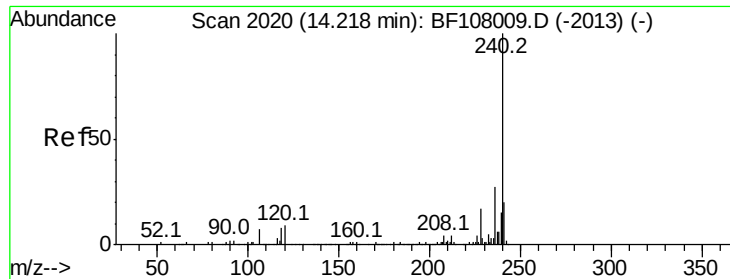


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

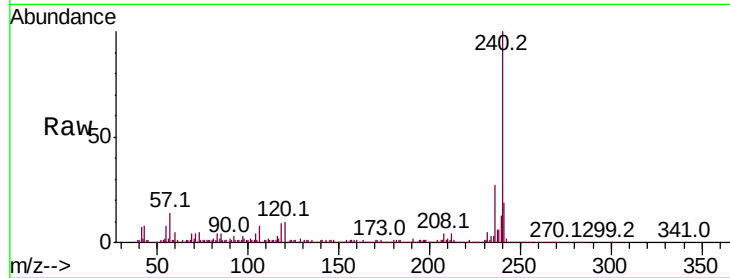
Tot Ion:240 Resp: 381514

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

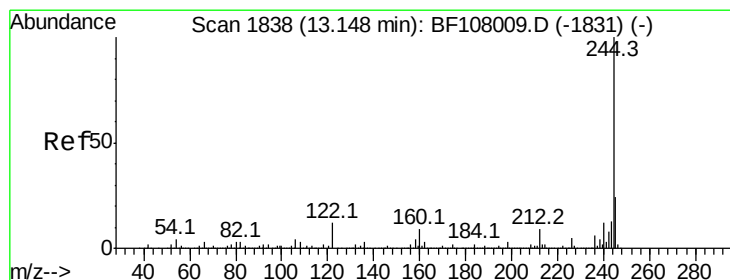
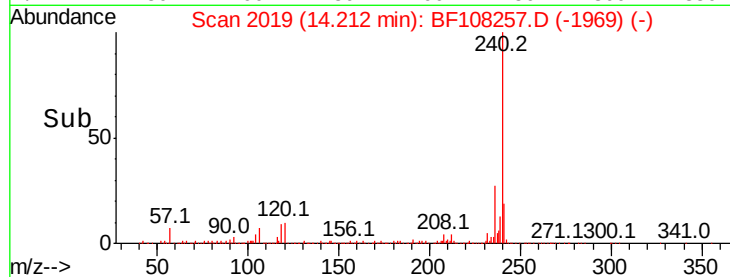
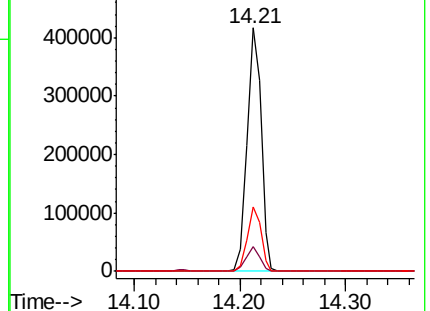
236 26.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 84.231 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

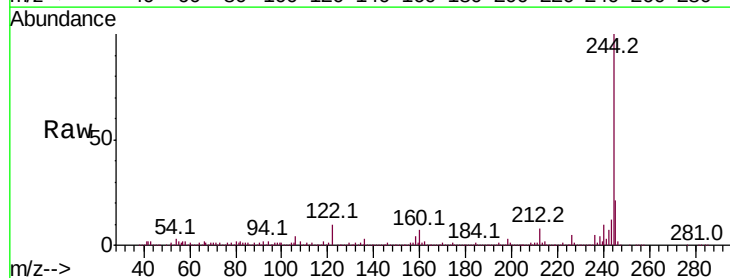
Tgt Ion:244 Resp: 1263887

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

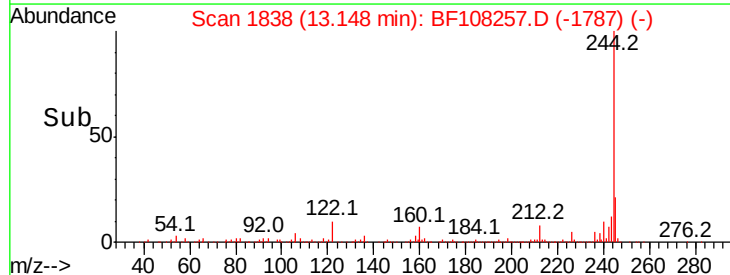
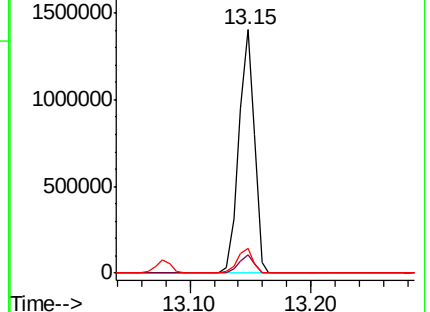
122 10.0 11.0 16.4#

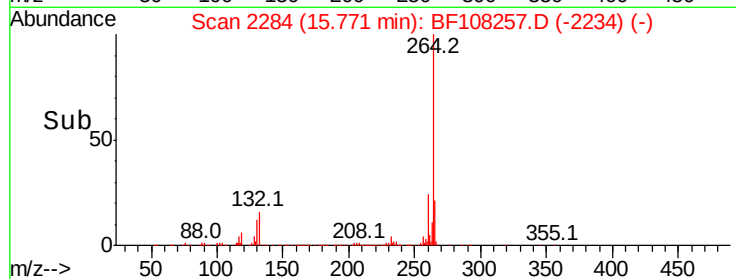
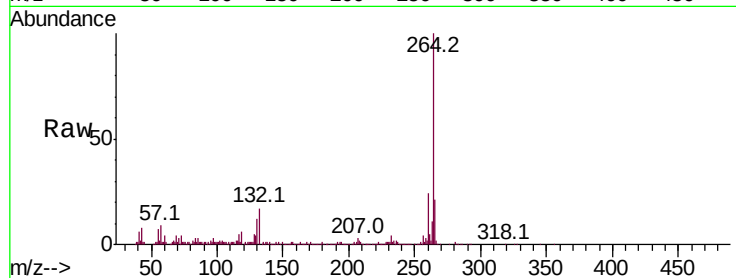
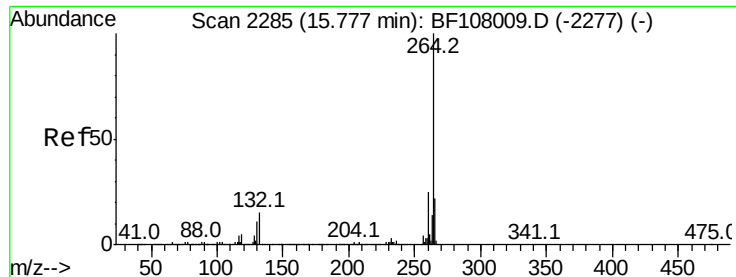


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

Tot Ion:264 Resp: 280197

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.9 17.5 26.3

