

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 17 23:46:31 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

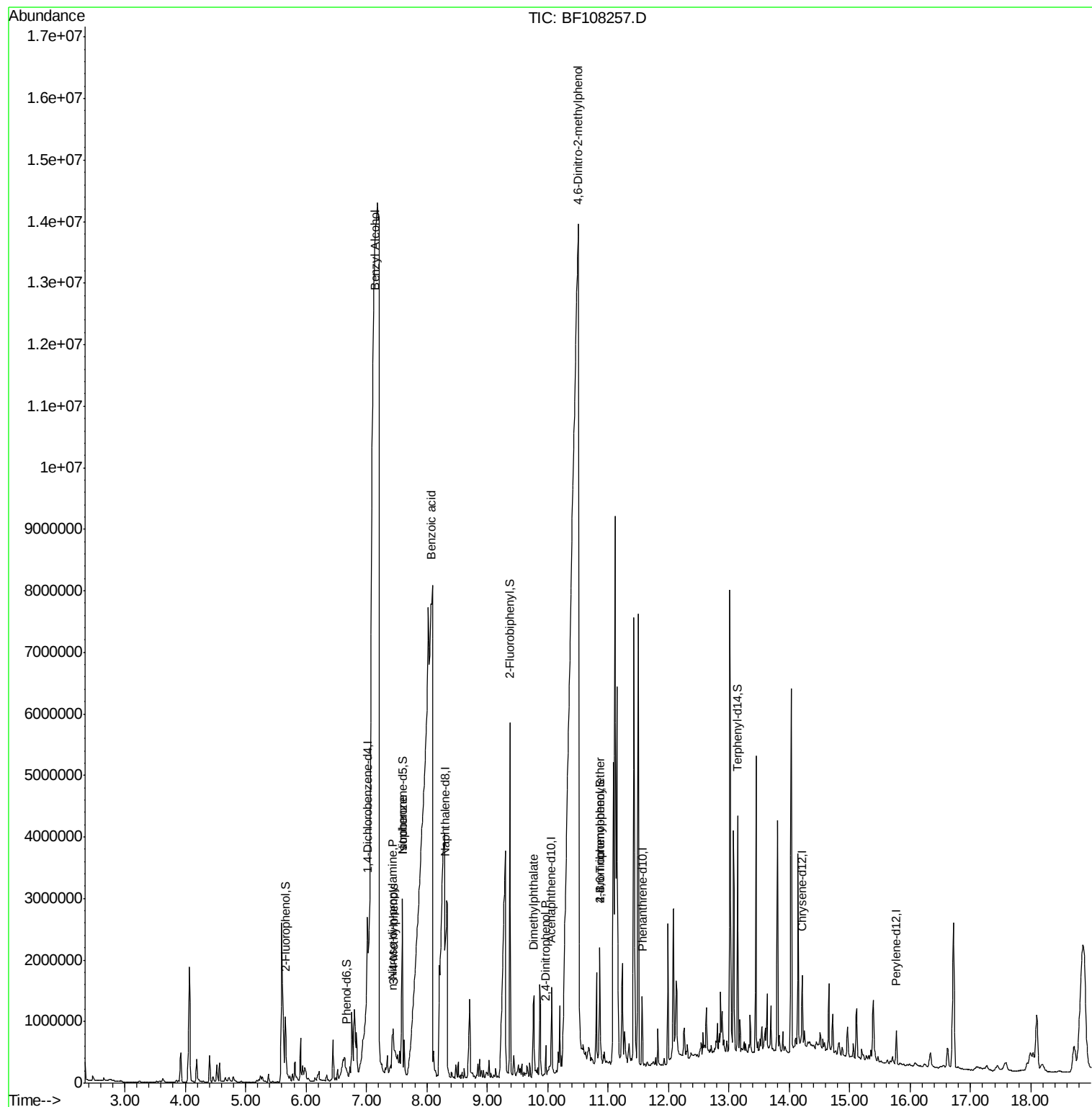
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.14	79	50720	5.984	ng	# 36
19) n-Nitroso-di-n-propylamine	7.43	70	92664	13.610	ng	# 46
20) 3+4-Methylphenols	7.44	107	48533	5.175	ng	90
25) Isophorone	7.60	82	841454	50.385	ng	# 64
32) Benzoic acid	8.07	122	60073	18.202	ng	# 34
49) Dimethylphthalate	9.77	163	62930	3.673	ng	# 97
53) 2,4-Dinitrophenol	9.98	184	1301	7.905	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.49	198	361	5.571	ng	# 1
66) 4-Bromophenyl-phenylether	10.86	248	14062	3.219	ng	# 1

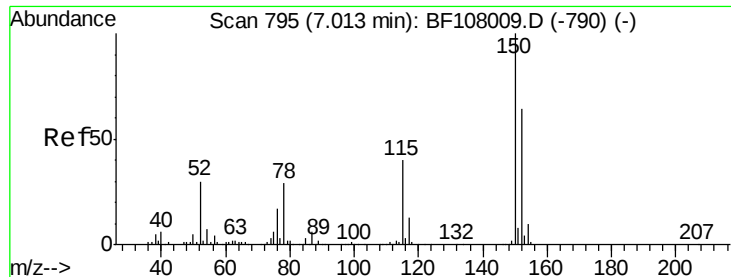
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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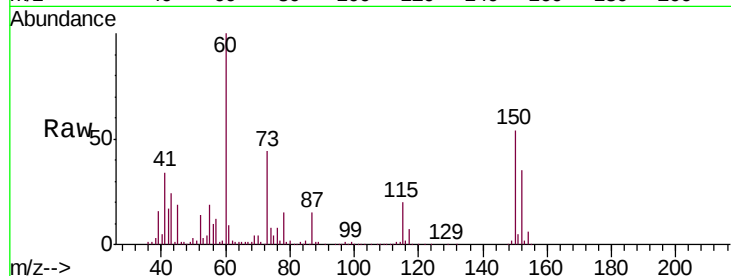


#1

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	57.2	50.1	75.1

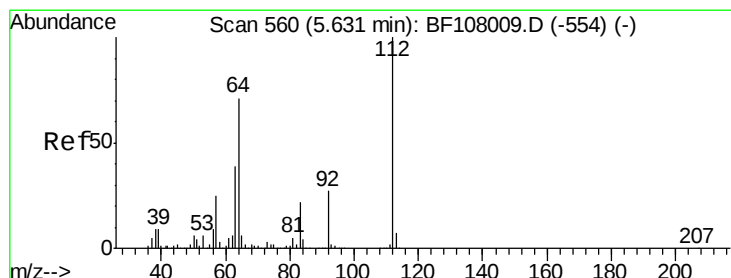
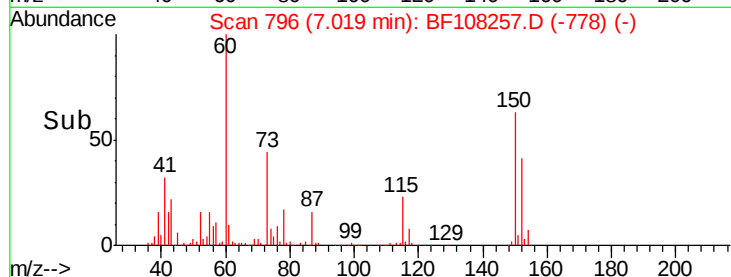
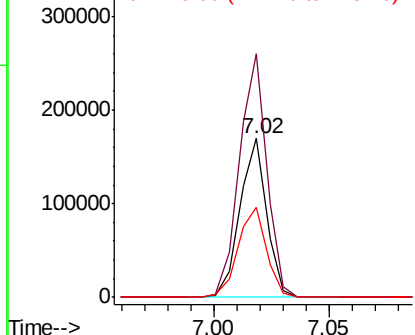


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

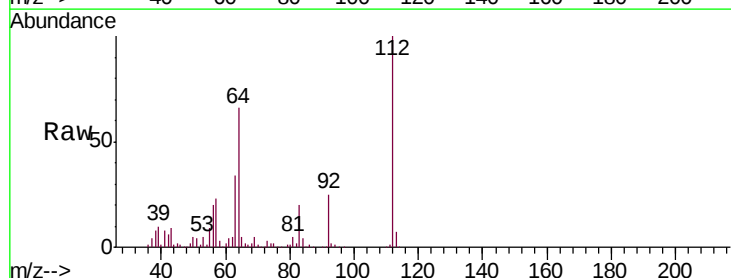
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	34.3	23.7	35.5

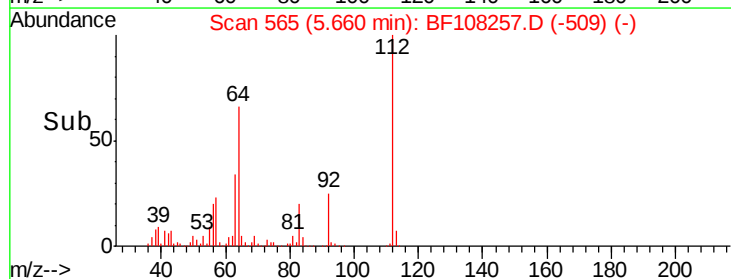
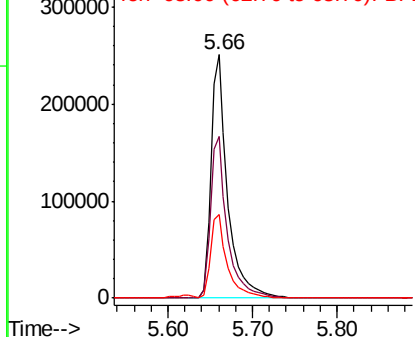


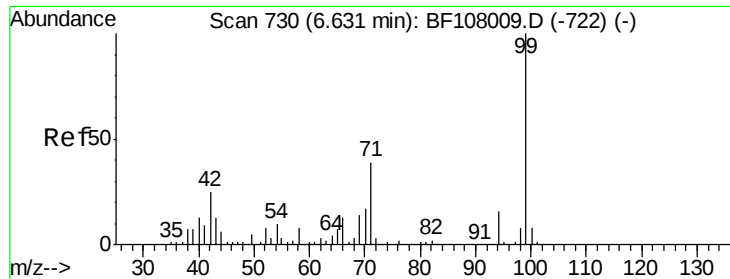
Abundance

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

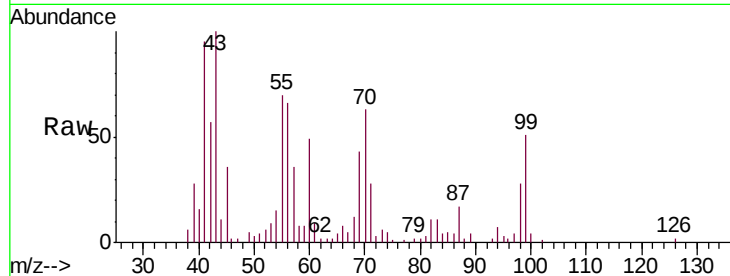
Tgt Ion: 99 Resp: 40073

Ion Ratio Lower Upper

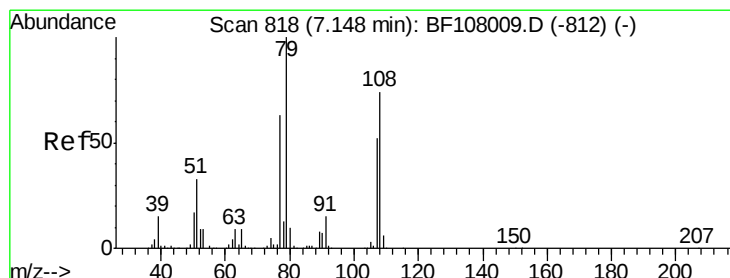
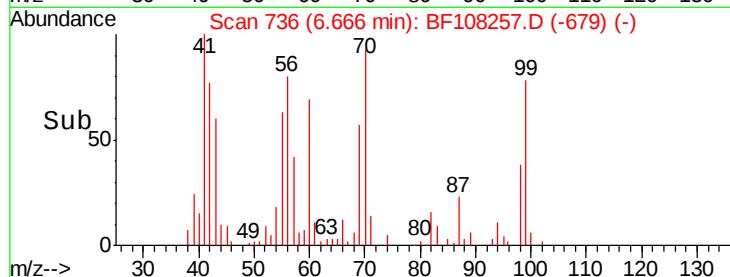
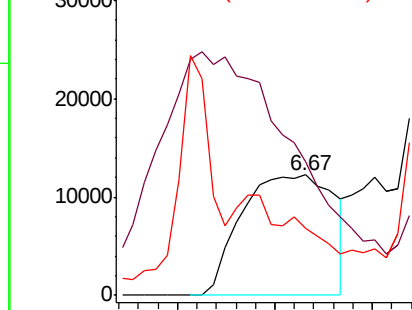
99 100

42 110.9 14.5 21.7#

71 55.3 25.4 38.0#



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



#15

Benzyl Alcohol

Concen: 5.984 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

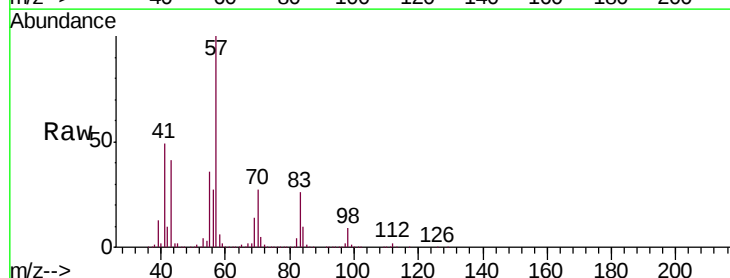
Tgt Ion: 79 Resp: 50720

Ion Ratio Lower Upper

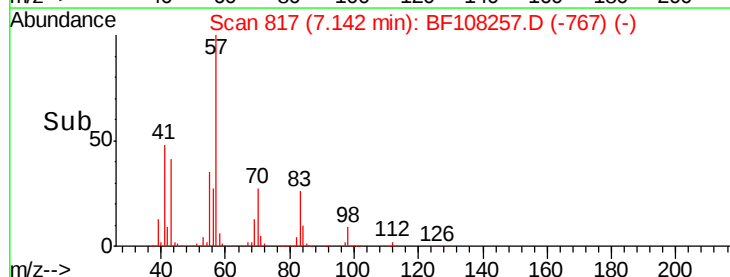
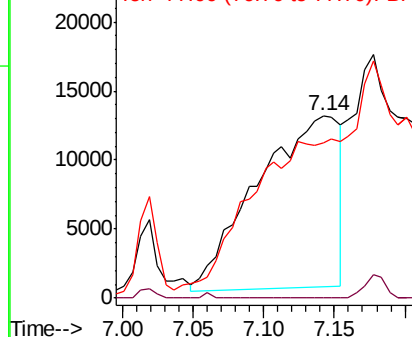
79 100

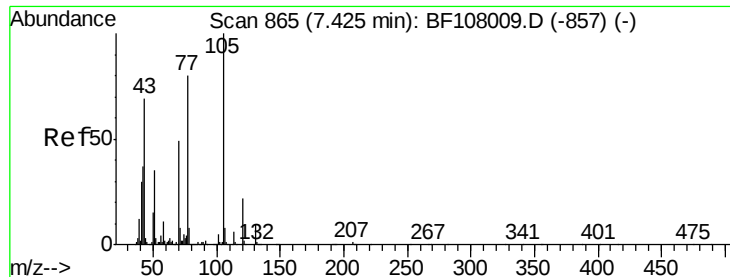
108 0.0 65.1 97.7#

77 85.0 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

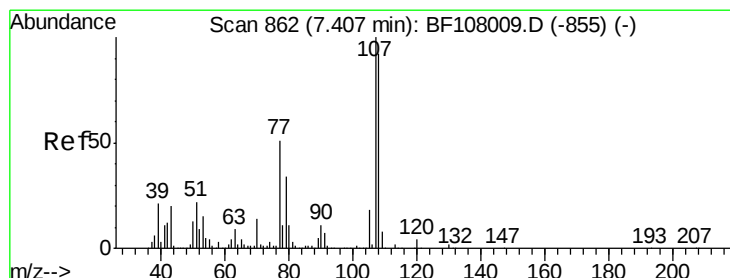
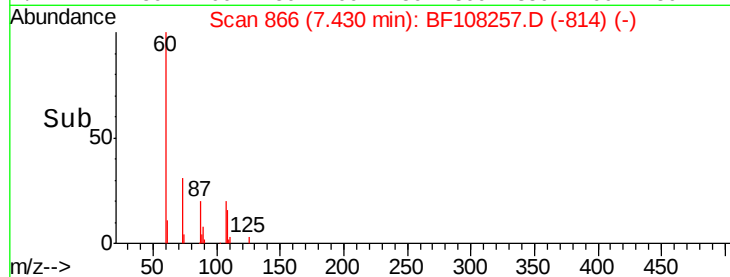
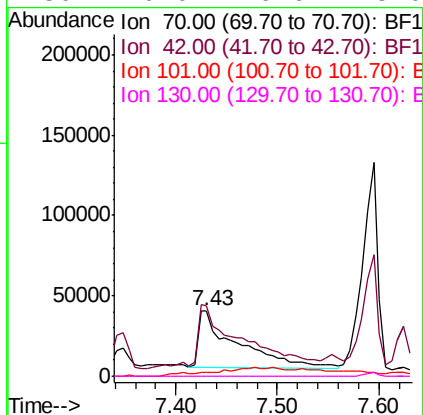
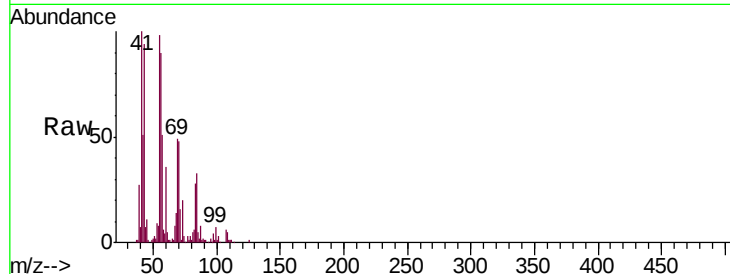




#19
n-Nitroso-di-n-propylamine
Concen: 13.610 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

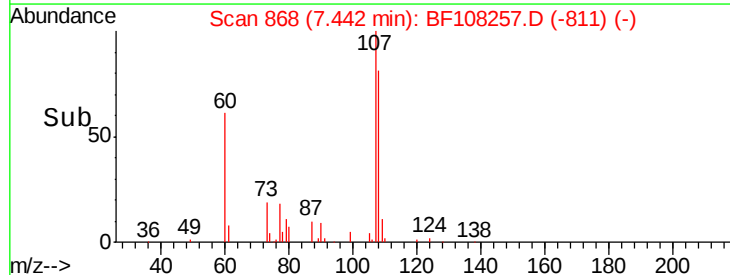
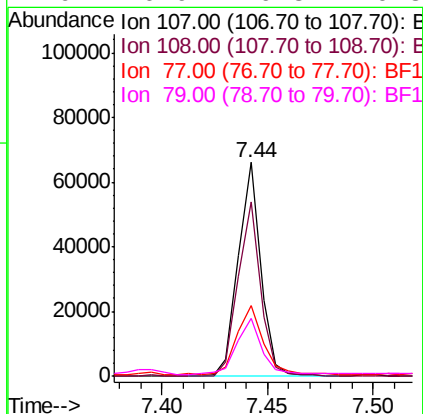
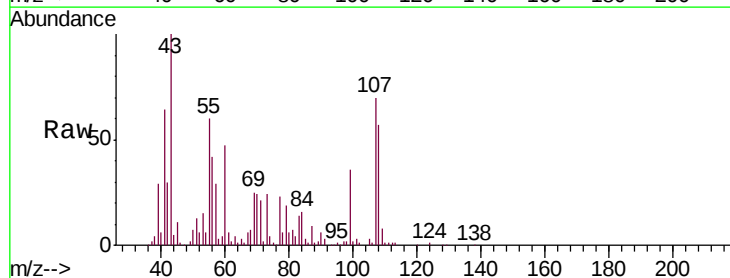
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

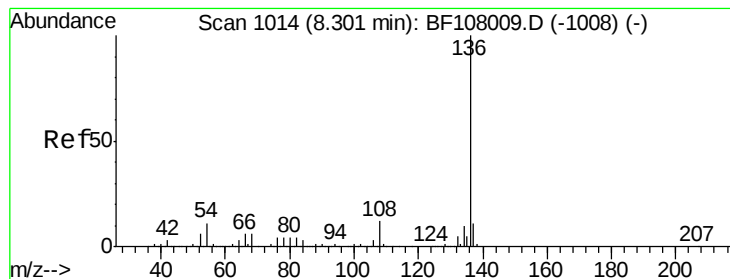
Tgt Ion: 70 Resp: 92664
Ion Ratio Lower Upper
70 100
42 107.6 47.5 71.3#
101 5.6 7.4 11.2#
130 0.0 16.6 25.0#



#20
3+4-Methylphenols
Concen: 5.175 ng
RT: 7.44 min Scan# 868
Delta R.T. 0.04 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion: 107 Resp: 48533
Ion Ratio Lower Upper
107 100
108 81.4 68.2 108.2
77 33.1 26.7 66.7
79 26.9 6.3 46.3





#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

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

Tgt Ion: 136 Resp: 488930

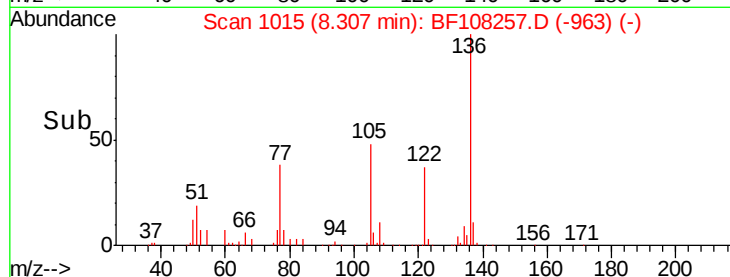
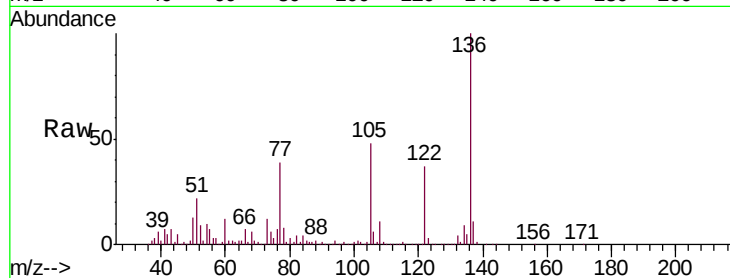
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 10.0 6.6 9.8#

68 6.1 5.0 7.4

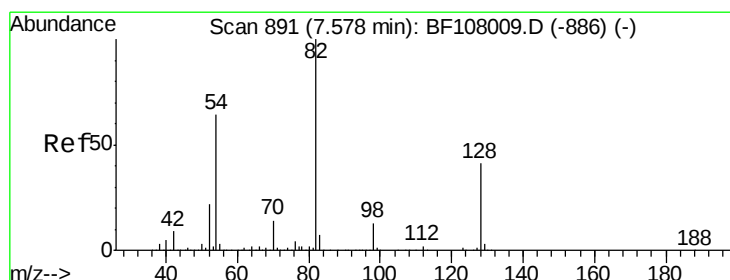
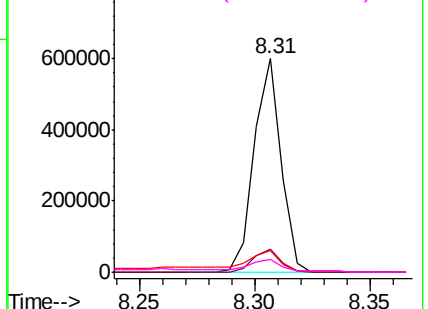


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

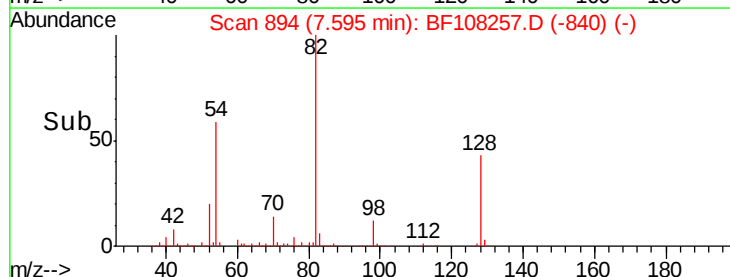
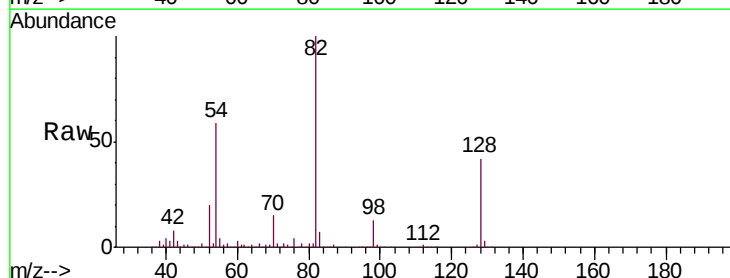
Tgt Ion: 82 Resp: 844885

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

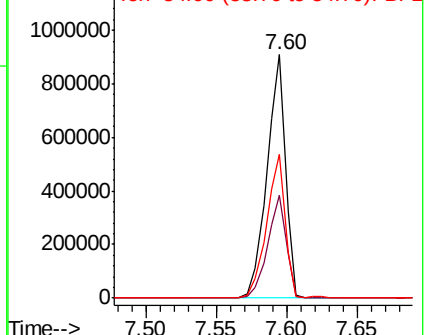
54 59.3 41.4 62.2

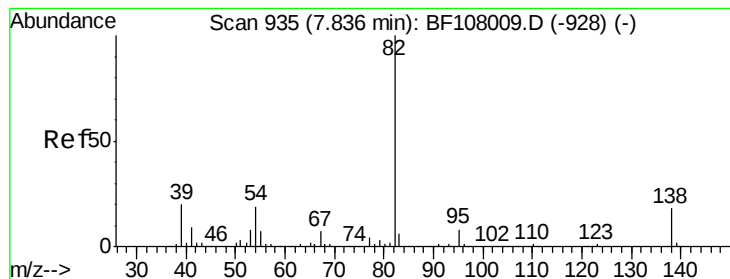


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.385 ng

RT: 7.60 min Scan# 894

Delta R.T. -0.24 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

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EFF-WASTE-WATER

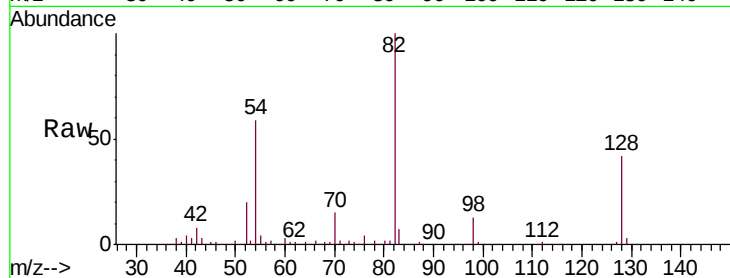
Tgt Ion: 82 Resp: 841454

Ion Ratio Lower Upper

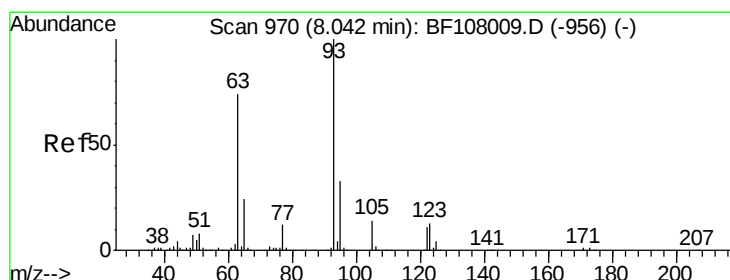
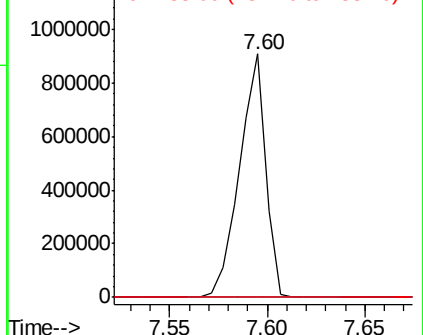
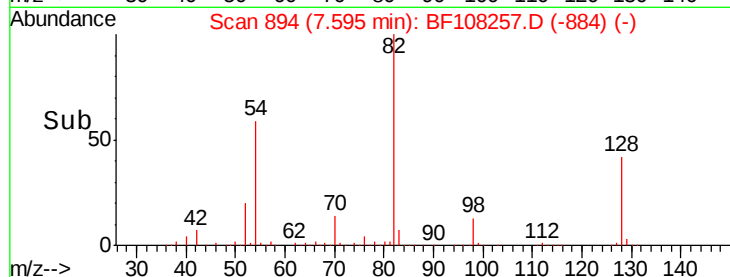
82 100

95 0.1 5.2 7.8#

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



#32

Benzoic acid

Concen: 18.202 ng

RT: 8.07 min Scan# 975

Delta R.T. 0.03 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

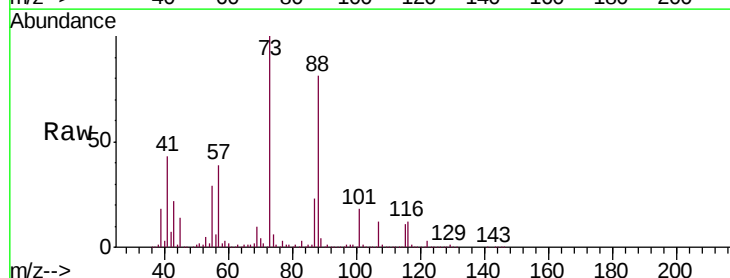
Tgt Ion: 122 Resp: 60073

Ion Ratio Lower Upper

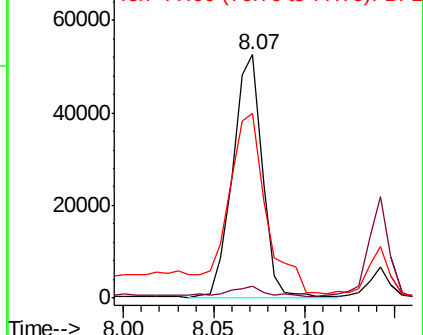
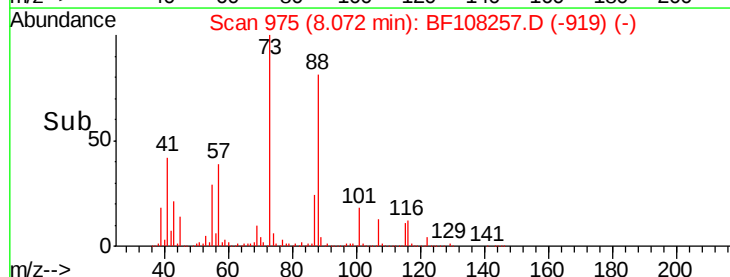
122 100

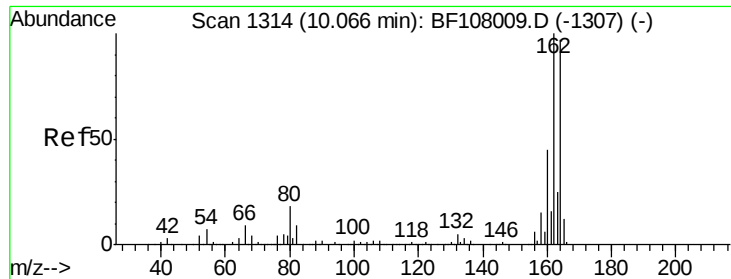
105 4.7 101.1 141.1#

77 75.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): 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

Instrument :

BNA_F

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EFF-WASTE-WATER

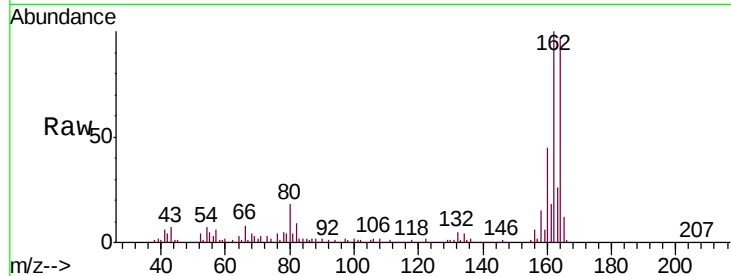
Tgt Ion:164 Resp: 245991

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

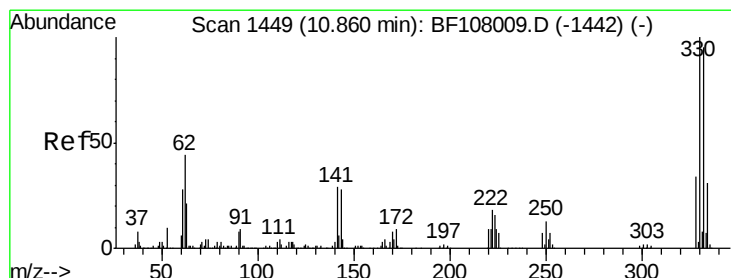
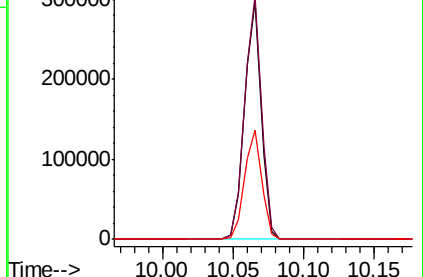
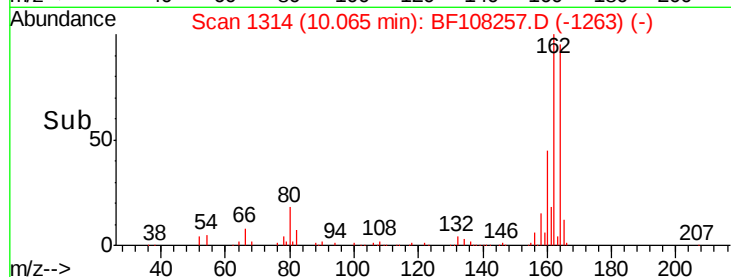
160 46.1 38.3 57.5



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

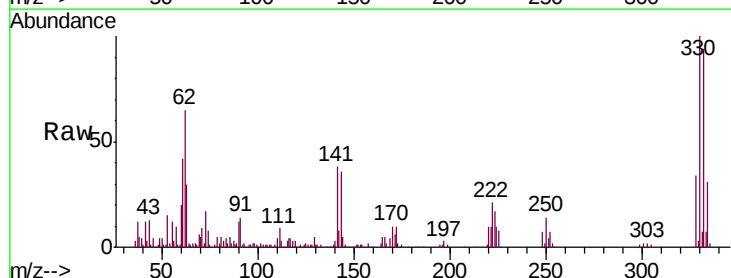
Tgt Ion:330 Resp: 211805

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

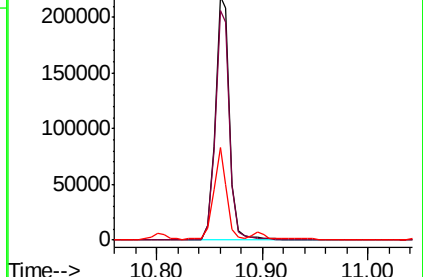
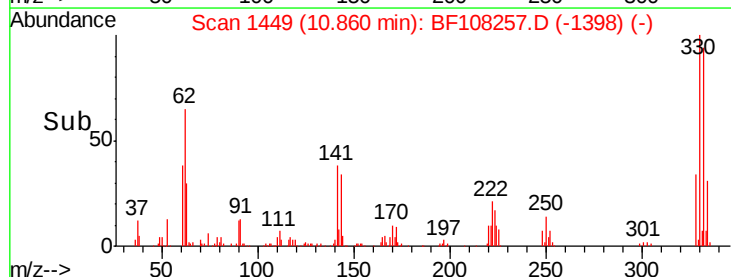
141 33.6 29.9 44.9

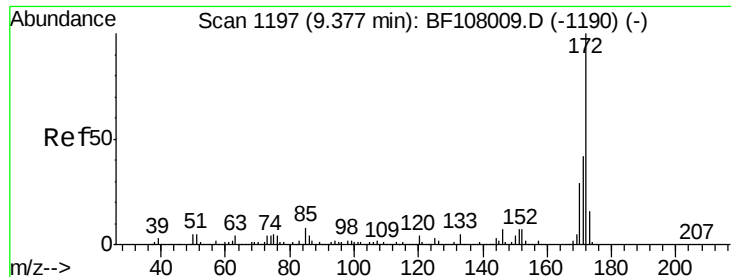


Abundance Ion 329.80 (329.50 to 330.50): E

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

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EFF-WASTE-WATER

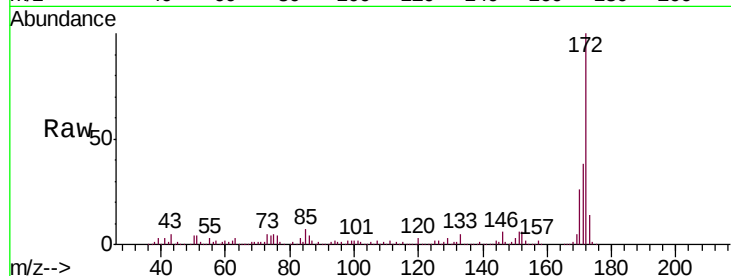
Tgt Ion:172 Resp: 1501063

Ion Ratio Lower Upper

172 100

171 37.7 29.7 44.5

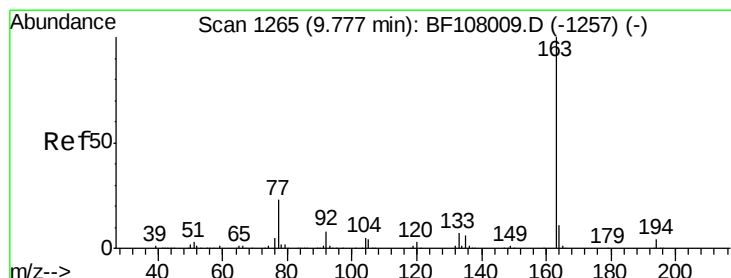
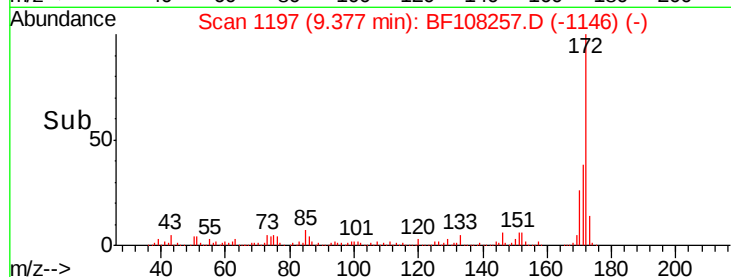
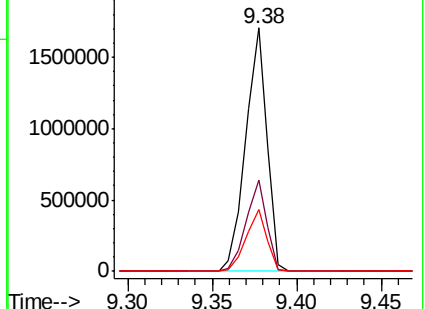
170 25.5 19.6 29.4



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

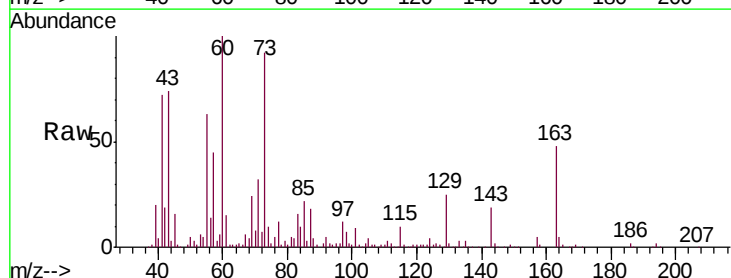
Tgt Ion:163 Resp: 62930

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

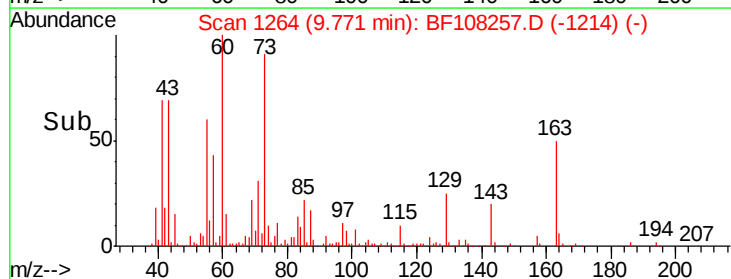
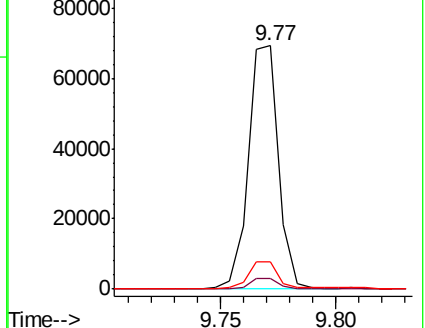
164 11.4 8.2 12.2

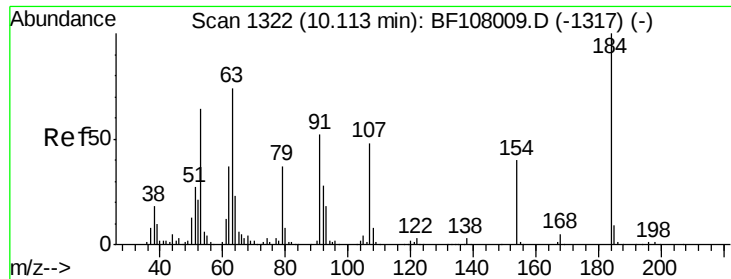


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

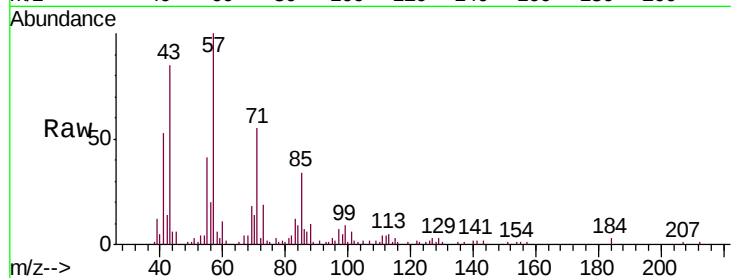




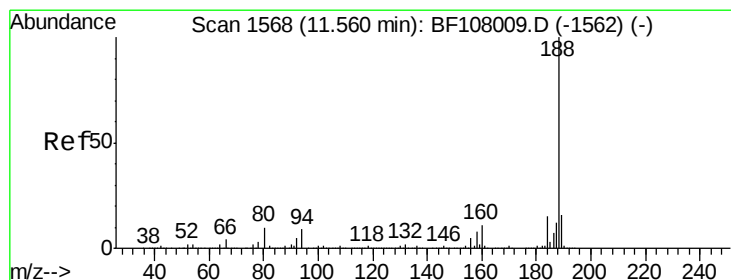
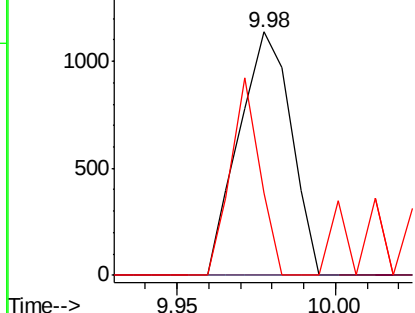
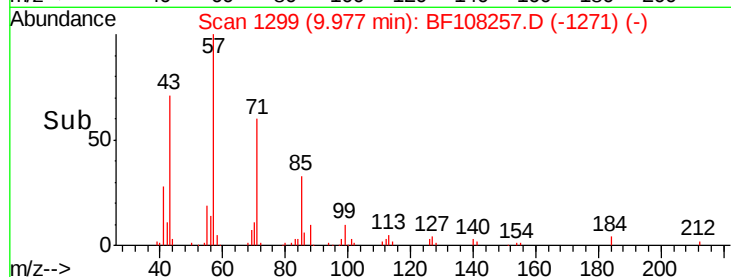
#53
2,4-Dinitrophenol
Concen: 7.905 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.13 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:184 Resp: 1301
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 33.8 184.0 276.0#

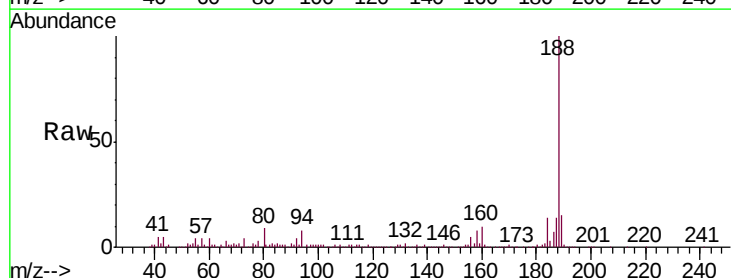


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

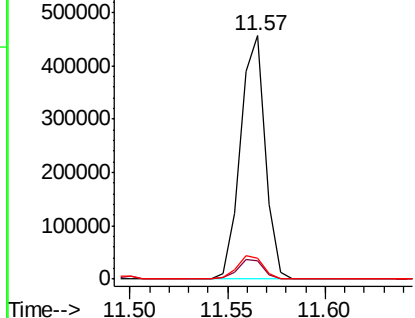
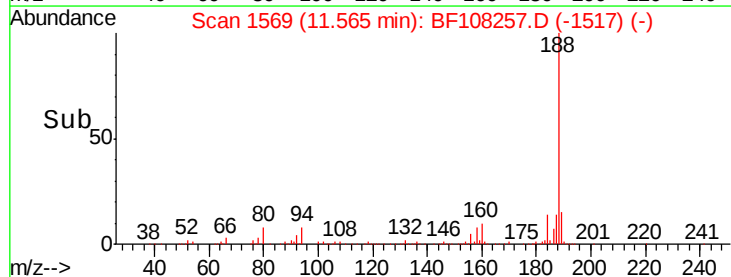


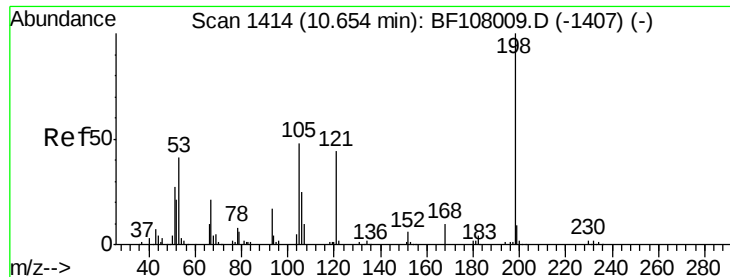
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.571 ng

RT: 10.49 min Scan# 1387

Delta R.T. -0.16 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

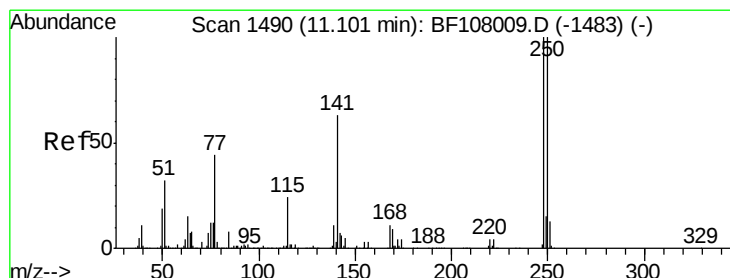
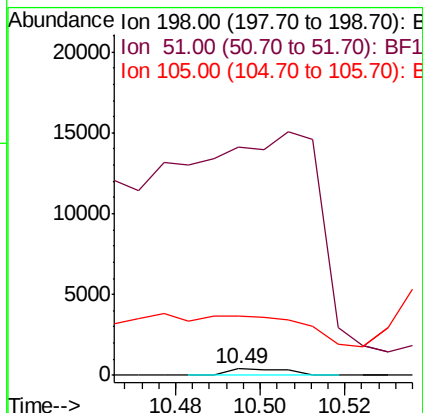
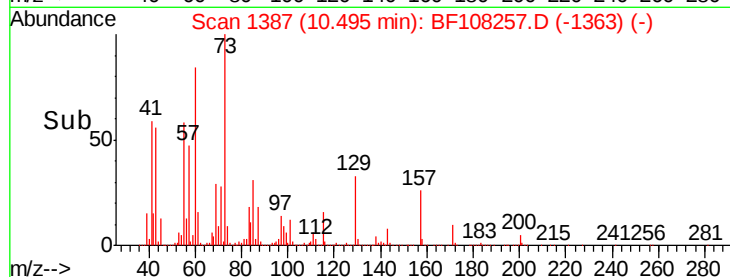
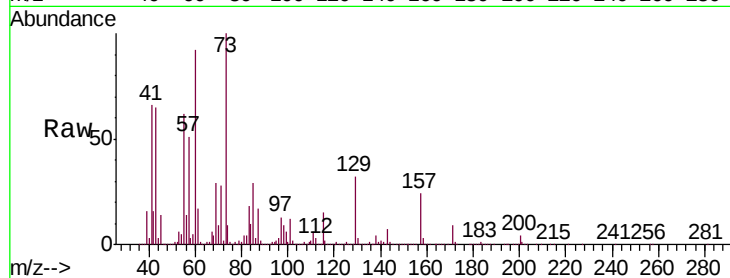
Tgt Ion:198 Resp: 361

Ion Ratio Lower Upper

198 100

51 3701.3 37.7 77.7#

105 964.9 36.3 76.3#



#66

4-Bromophenyl-phenylether

Concen: 3.219 ng

RT: 10.86 min Scan# 1449

Delta R.T. -0.24 min

Lab File: BF108257.D

Acq: 17 Aug 2018 21:42

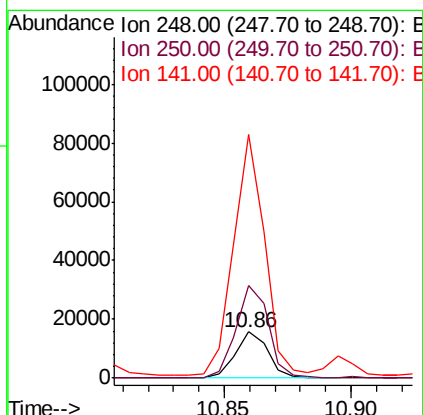
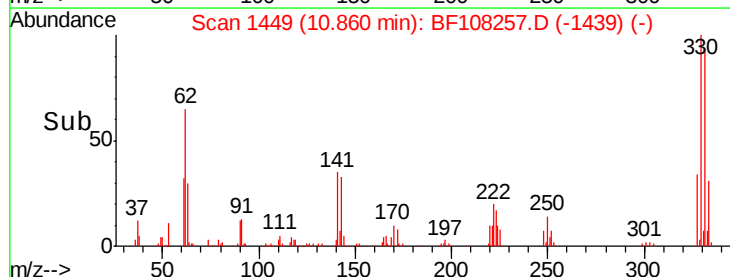
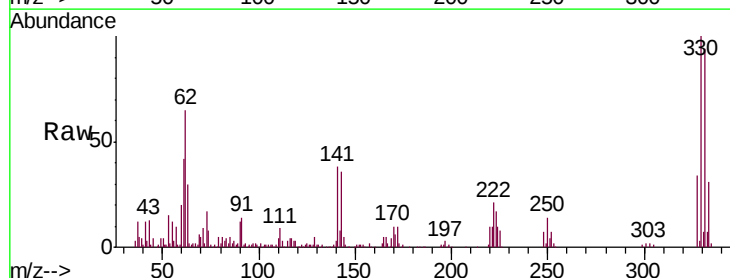
Tgt Ion:248 Resp: 14062

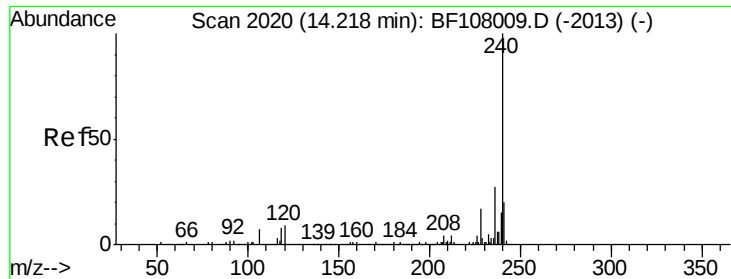
Ion Ratio Lower Upper

248 100

250 199.9 76.9 115.3#

141 528.3 74.4 111.6#





#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

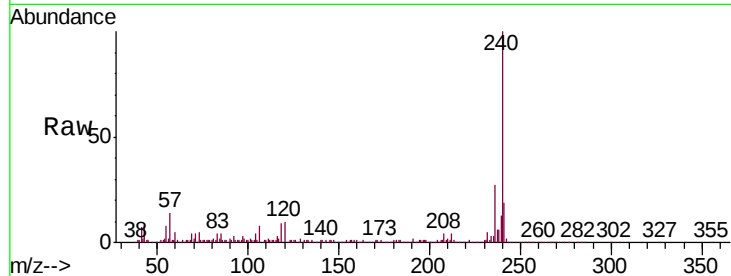
Tgt Ion:240 Resp: 381514

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

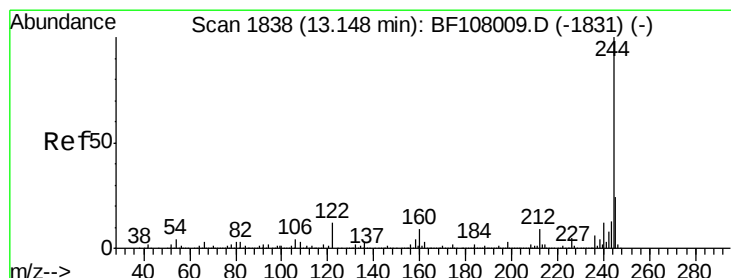
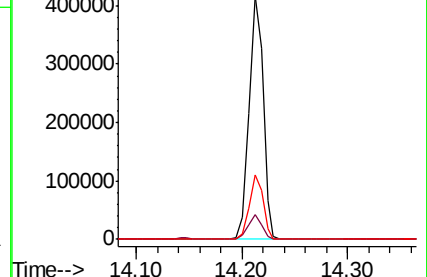
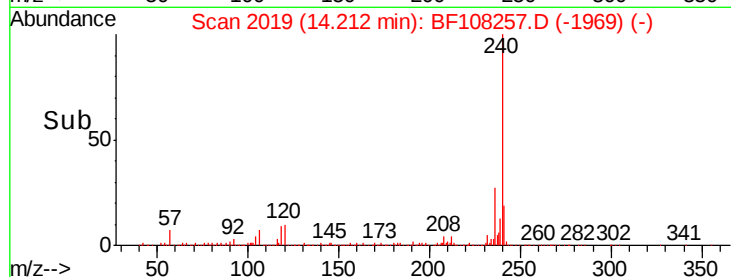
236 26.6 20.7 31.1



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

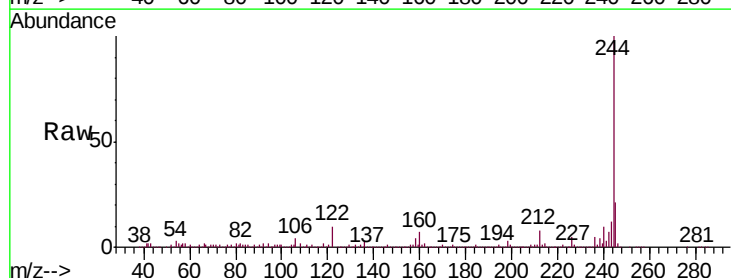
Tgt Ion:244 Resp: 1263887

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

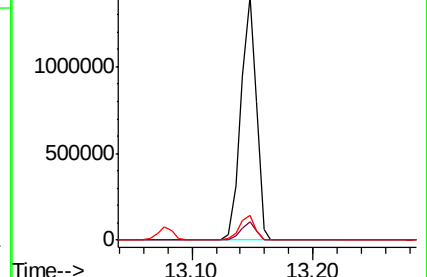
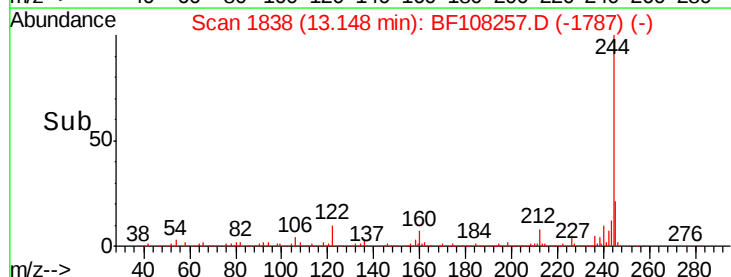
122 10.0 11.0 16.4#

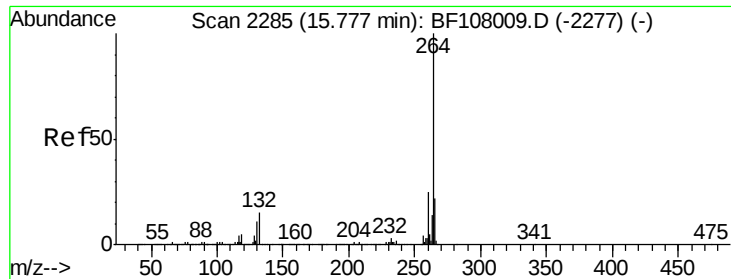


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3

