

Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Time: Sep 07 03:48:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

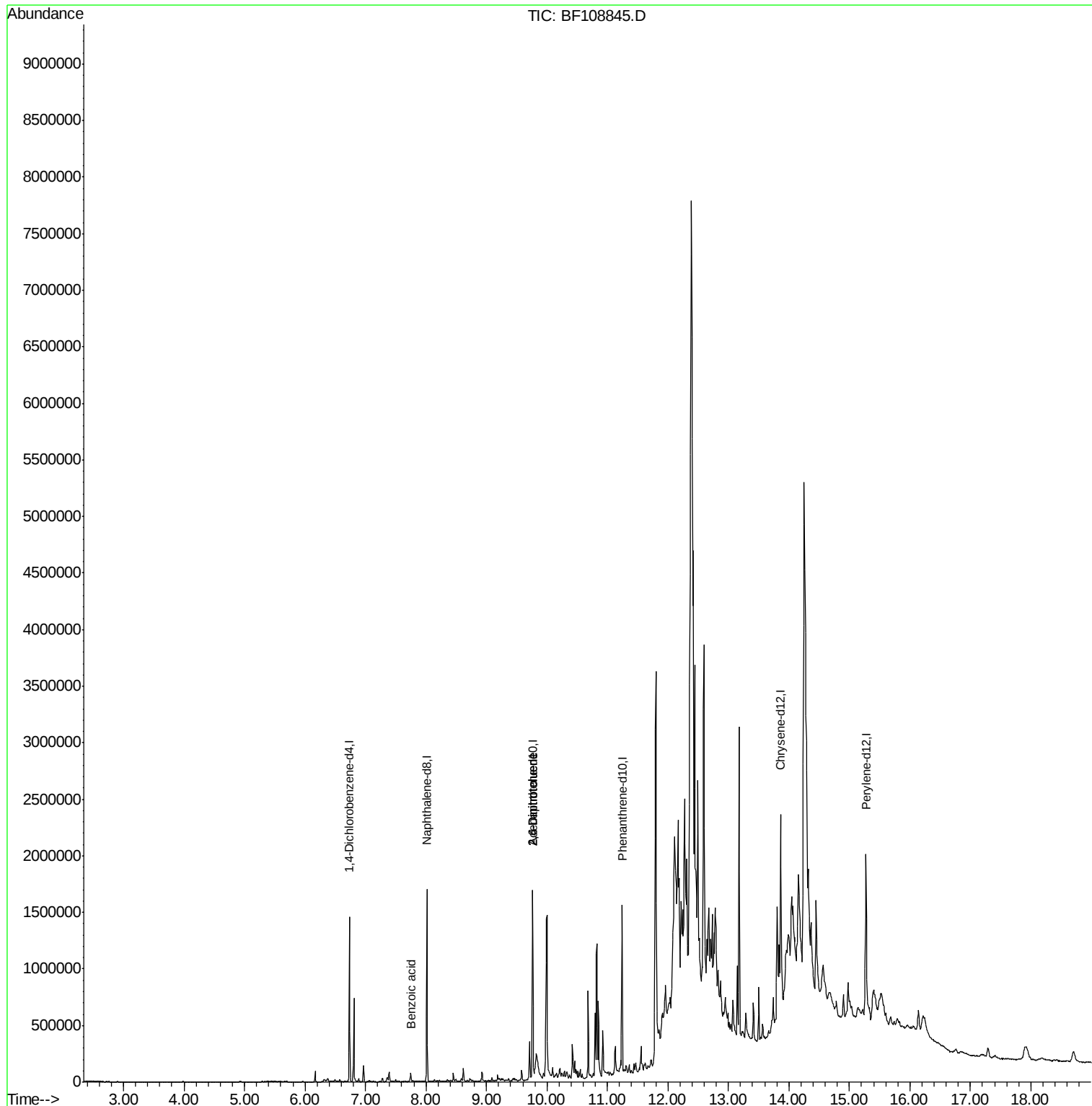
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	199481	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	731290	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	300445	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	501619	20.00	ng	0.00
75) Chrysene-d12	13.87	240	539088	20.00	ng	0.00
86) Perylene-d12	15.28	264	582600	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	2428	0.20	ng	0.00
7) Phenol-d6	6.35	99	2191	0.14	ng	-0.01
23) Nitrobenzene-d5	7.28	82	5066	0.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	1286	0.45	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	10104	0.57	ng	0.00
78) Terphenyl-d14	12.82	244	8310	0.36	ng	0.00
Target Compounds						
32) Benzoic acid	7.74	122	214	4.051	ng	# 1
50) 2,6-Dinitrotoluene	9.77	165	38952	9.728	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	38952	7.607	ng	# 24

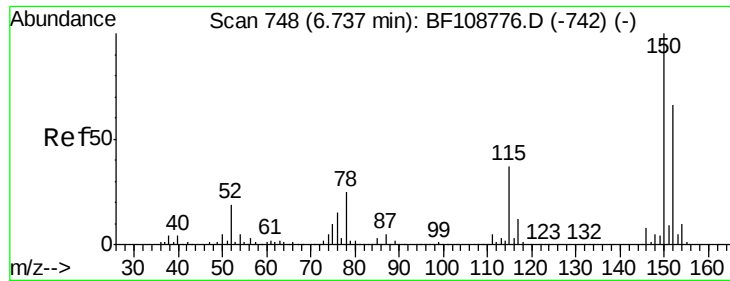
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Time: Sep 07 03:48:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



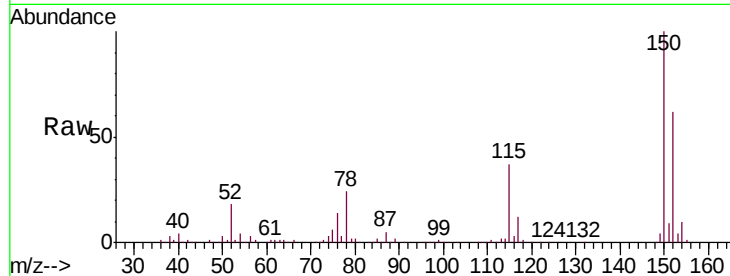


#1

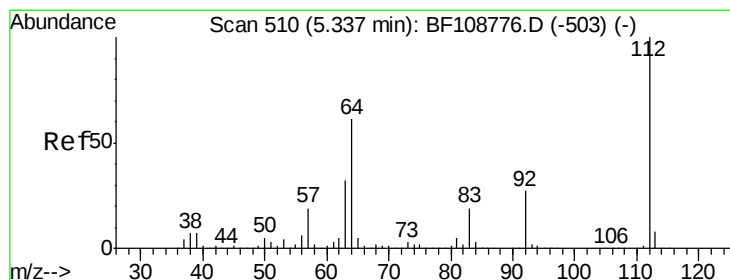
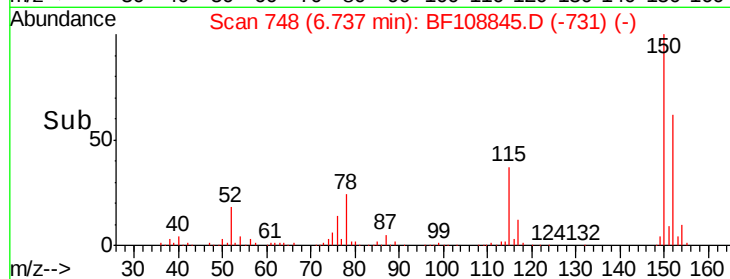
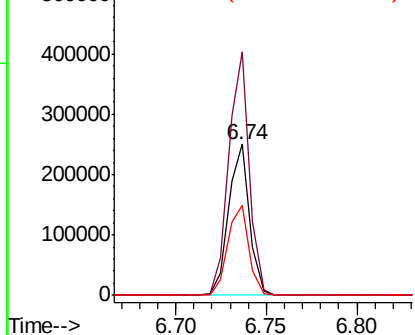
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:152 Resp: 199481
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 59.2 50.1 75.1



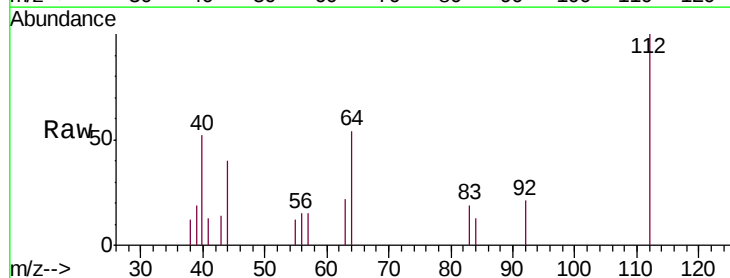
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



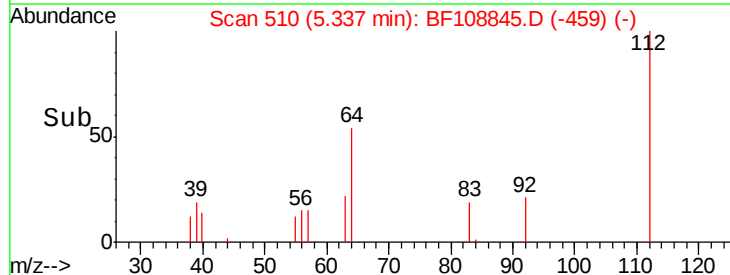
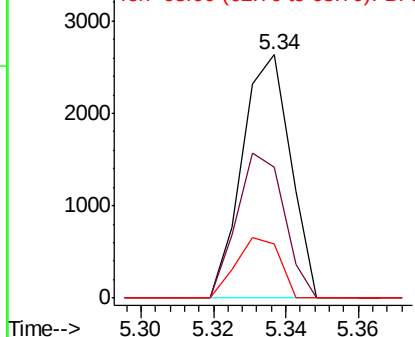
#5

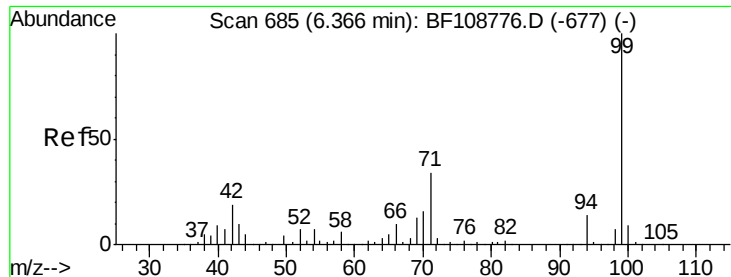
2-Fluorophenol
Concen: 0.202 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Tgt Ion:112 Resp: 2428
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 22.5 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: 0.141 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF108845.D

Acq: 7 Sep 2018 1:14

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

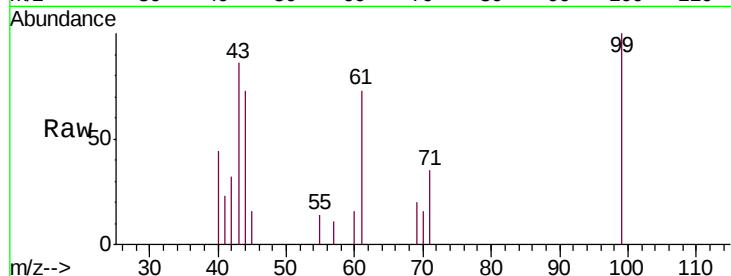
Tgt Ion: 99 Resp: 2191

Ion Ratio Lower Upper

99 100

42 32.3 14.5 21.7#

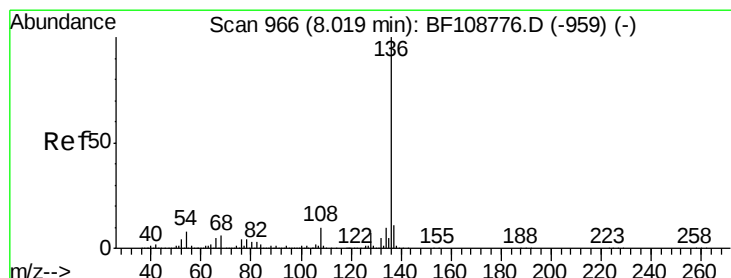
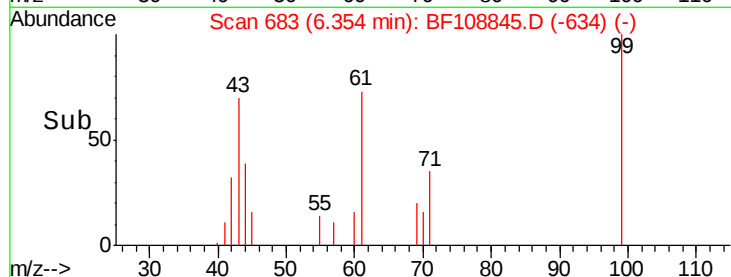
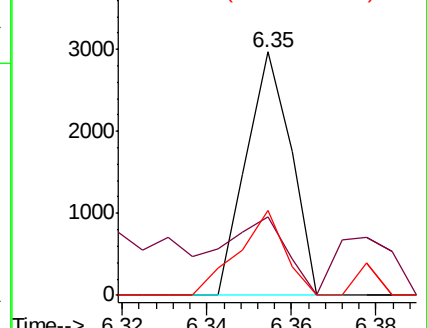
71 35.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108845.D

Acq: 7 Sep 2018 1:14

Tgt Ion: 136 Resp: 731290

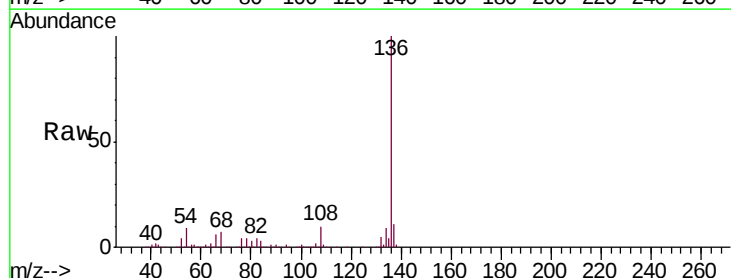
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.6 6.6 9.8

68 7.4 5.0 7.4

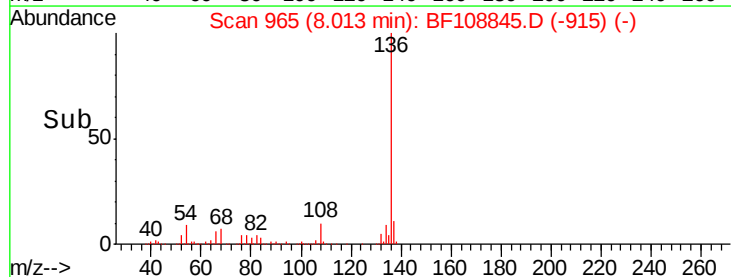
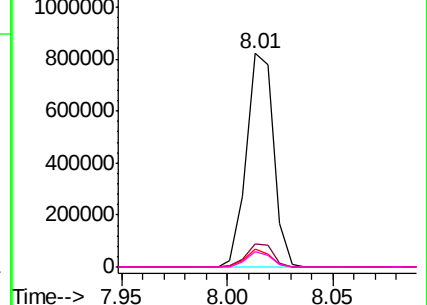


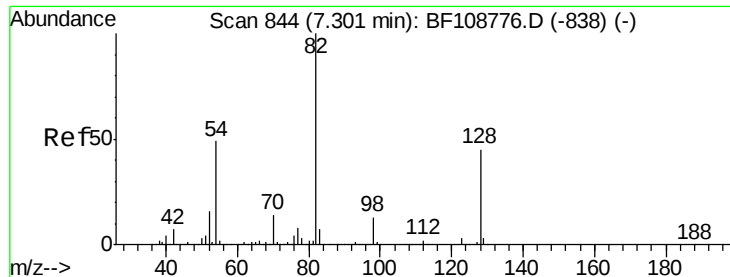
Abundance Ion 136.00 (135.70 to 136.70): E

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

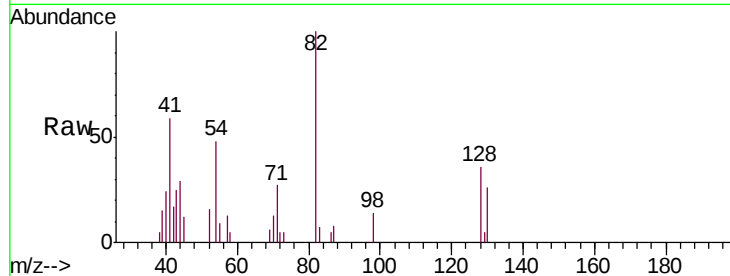




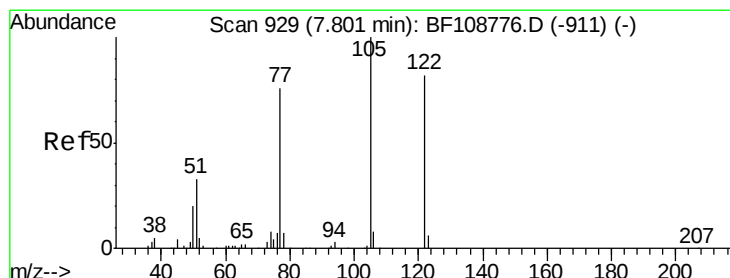
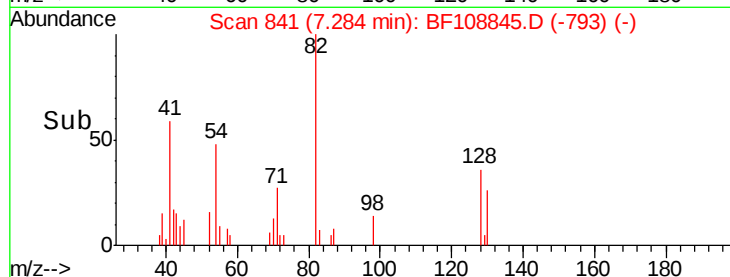
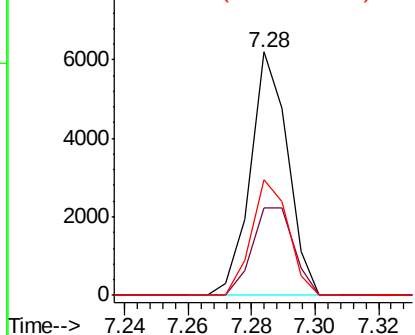
#23
 Nitrobenzene-d5
 Concen: 0.434 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF108845.D
 Acq: 7 Sep 2018 1:14

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Tgt Ion: 82 Resp: 5066
 Ion Ratio Lower Upper
 82 100
 128 36.0 36.1 54.1#
 54 47.6 41.4 62.2

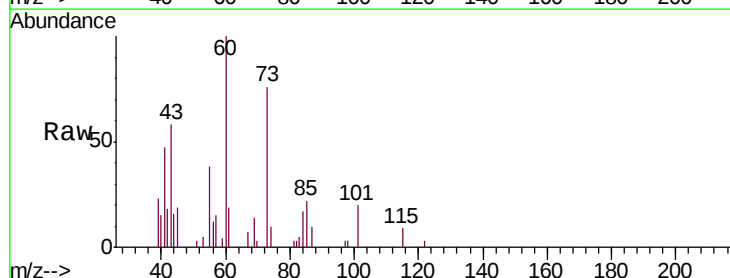


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

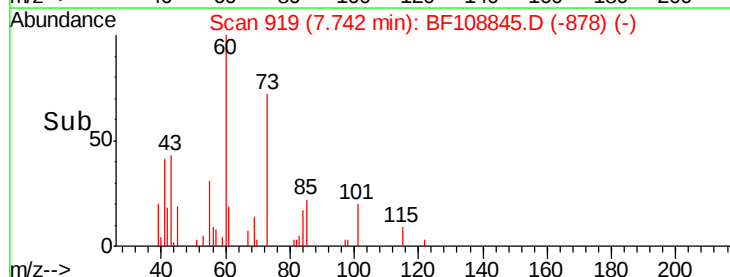
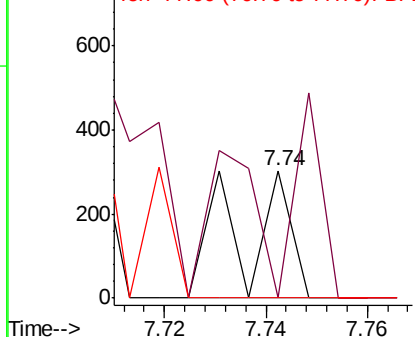


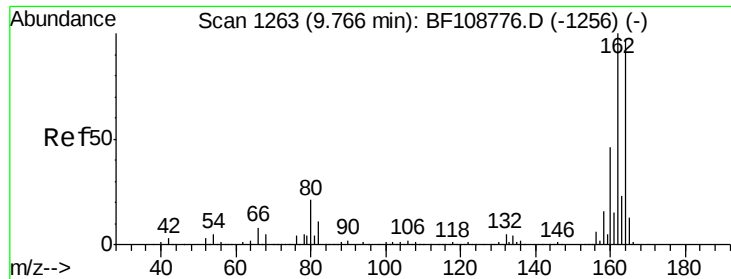
#32
 Benzoic acid
 Concen: 4.051 ng
 RT: 7.74 min Scan# 919
 Delta R.T. -0.06 min
 Lab File: BF108845.D
 Acq: 7 Sep 2018 1:14

Tgt Ion: 122 Resp: 214
 Ion Ratio Lower Upper
 122 100
 105 0.0 101.1 141.1#
 77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1

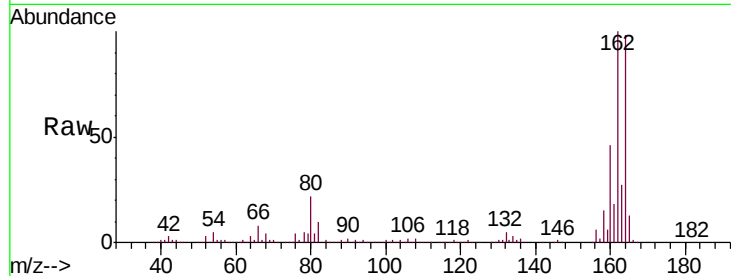




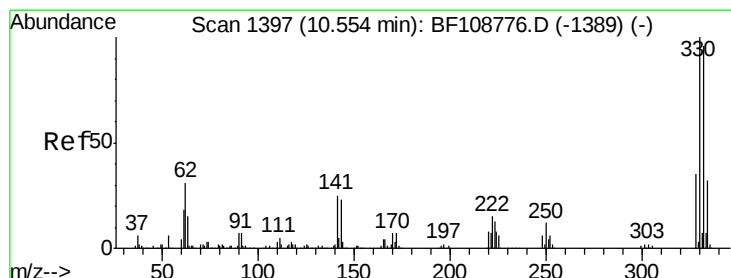
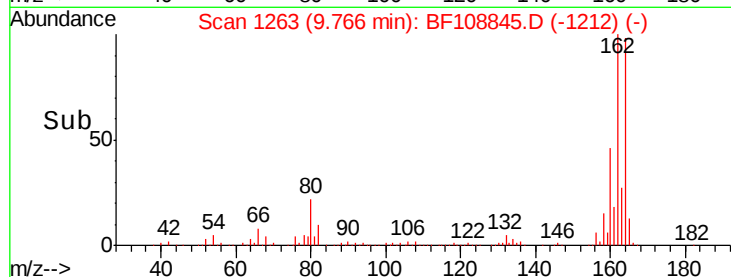
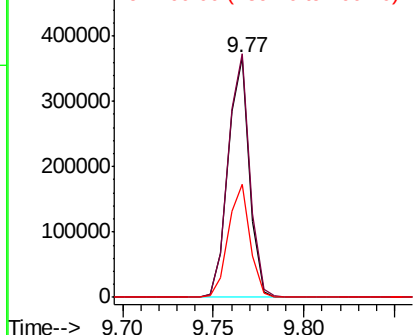
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108845.D
 Acq: 7 Sep 2018 1:14

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Tgt Ion:164 Resp: 300445
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 47.2 38.3 57.5

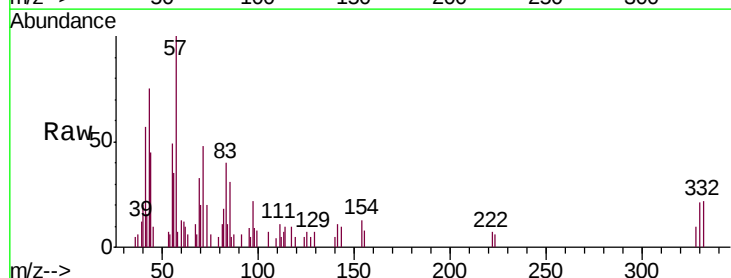


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

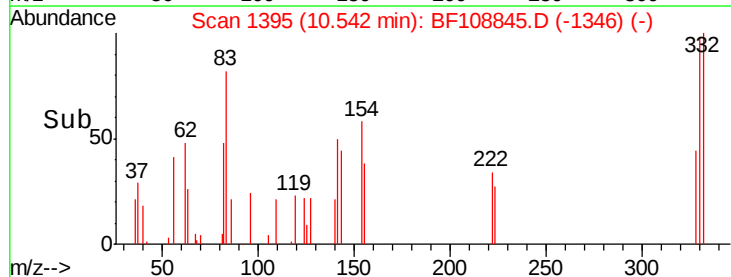
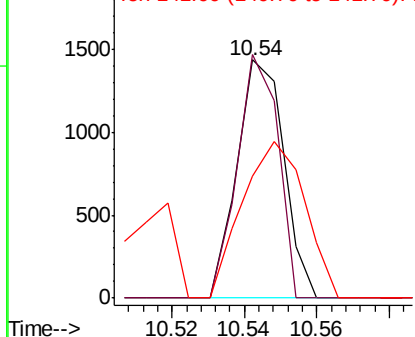


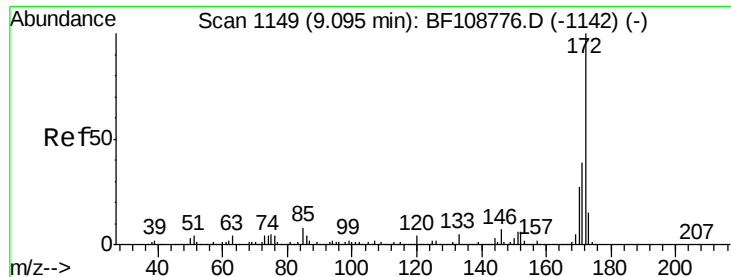
#41
 2,4,6-Tribromophenol
 Concen: 0.448 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF108845.D
 Acq: 7 Sep 2018 1:14

Tgt Ion:330 Resp: 1286
 Ion Ratio Lower Upper
 330 100
 332 88.5 77.0 115.6
 141 88.2 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

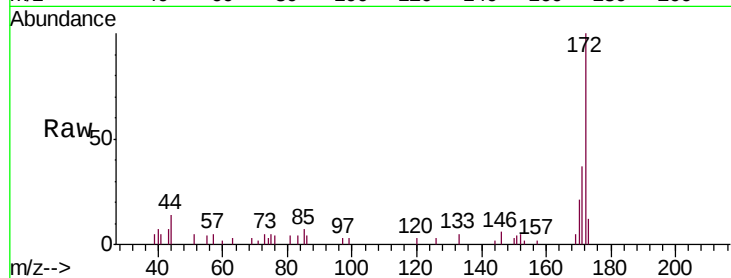




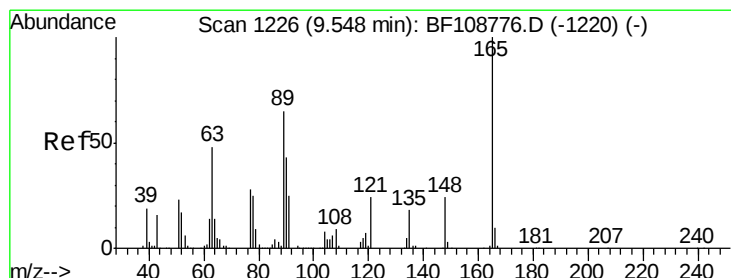
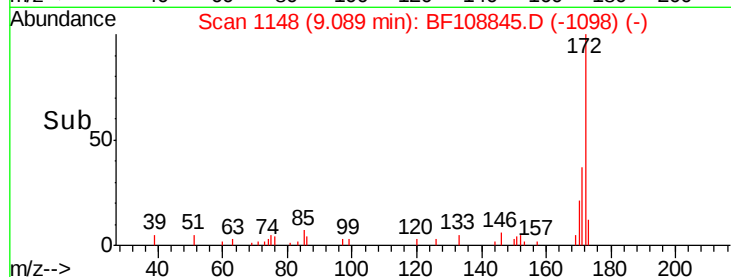
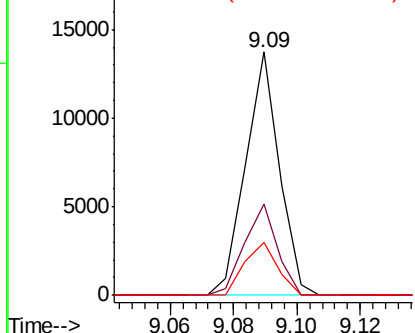
#44
 2-Fluorobiphenyl
 Concen: 0.574 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108845.D
 Acq: 7 Sep 2018 1:14

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Tgt Ion:172 Resp: 10104
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 21.5 19.6 29.4

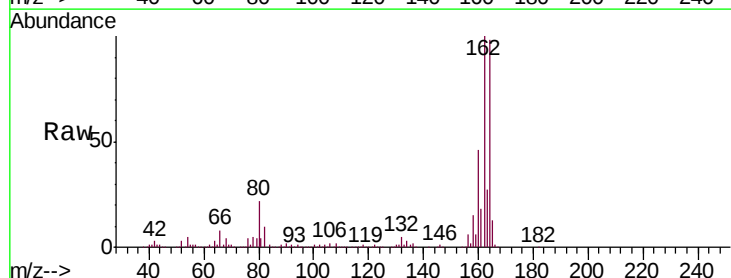


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

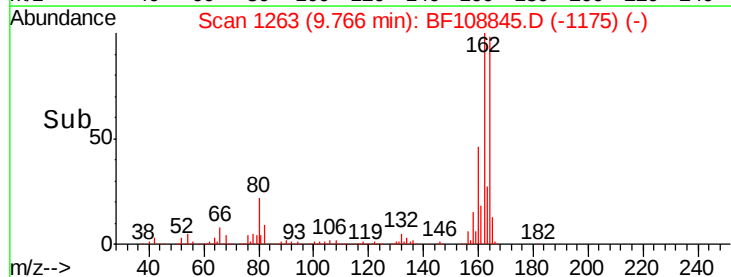
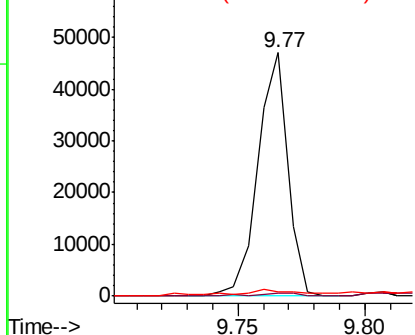


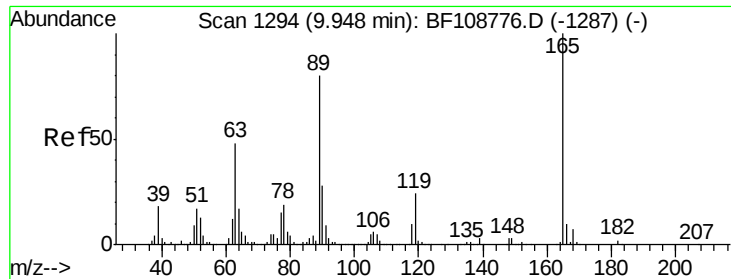
#50
 2,6-Dinitrotoluene
 Concen: 9.728 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.22 min
 Lab File: BF108845.D
 Acq: 7 Sep 2018 1:14

Tgt Ion:165 Resp: 38952
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.9 44.0 66.0#



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

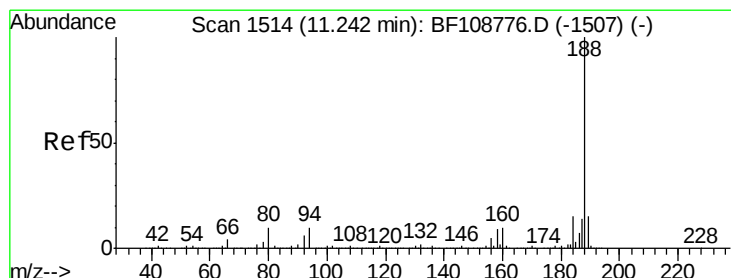
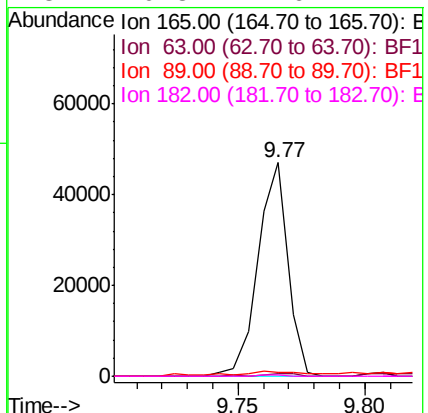
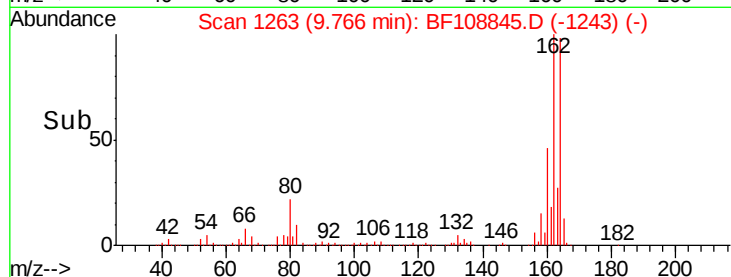
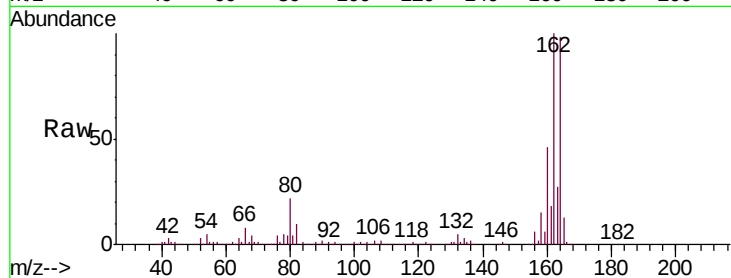




#56
 2,4-Dinitrotoluene
 Concen: 7.607 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108845.D
 Acq: 7 Sep 2018 1:14

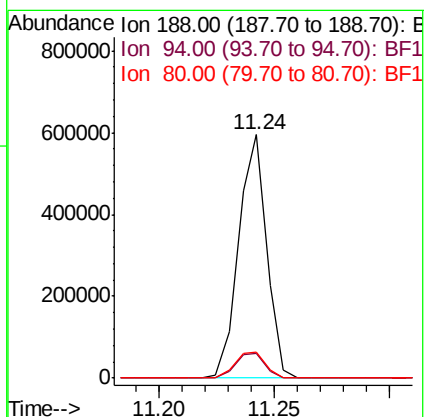
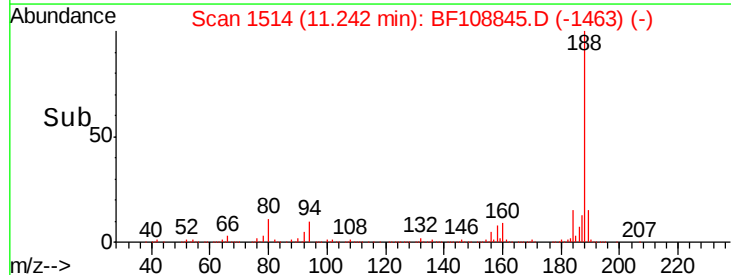
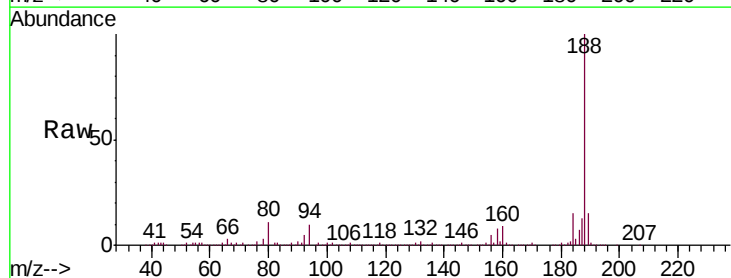
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

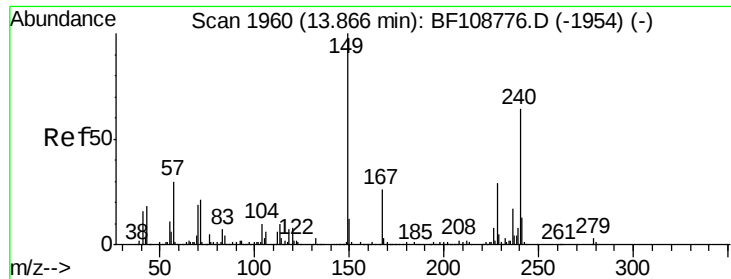
Tgt Ion:	165	Resp:	38952
Ion Ratio	Lower	Upper	
165	100		
63	1.4	36.4	54.6#
89	1.9	57.8	86.6#
182	0.8	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF108845.D
 Acq: 7 Sep 2018 1:14

Tgt Ion:	188	Resp:	501619
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.5	12.7
80	10.8	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BF108845.D

Acq: 7 Sep 2018 1:14

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

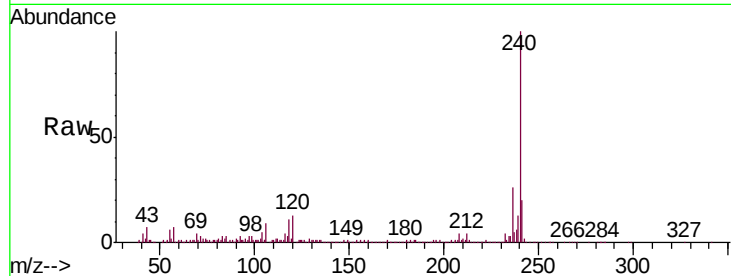
Tgt Ion:240 Resp: 539088

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

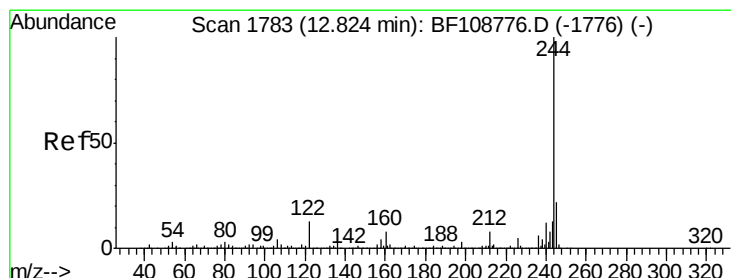
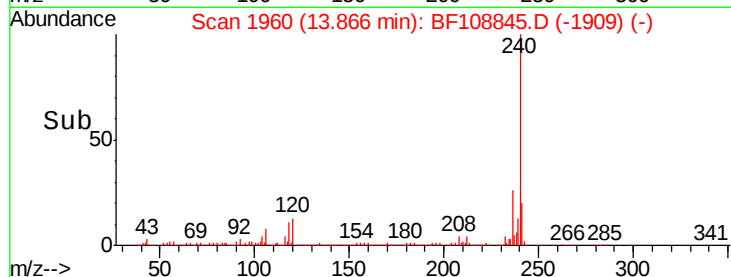
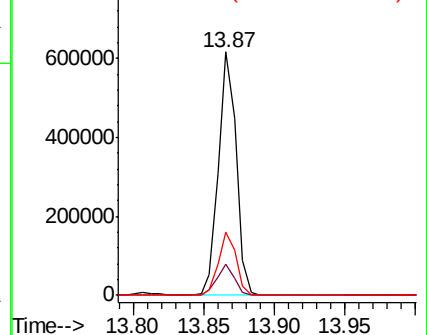
236 26.1 20.7 31.1



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: 0.359 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108845.D

Acq: 7 Sep 2018 1:14

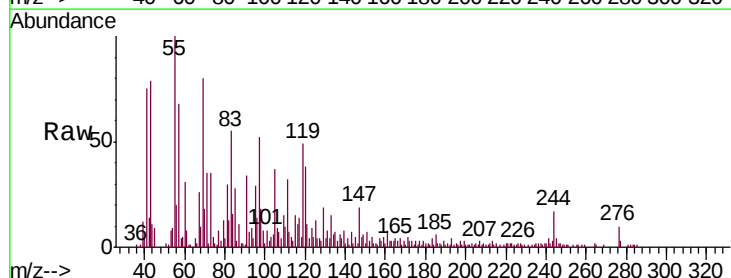
Tgt Ion:244 Resp: 8310

Ion Ratio Lower Upper

244 100

212 12.8 5.4 8.0#

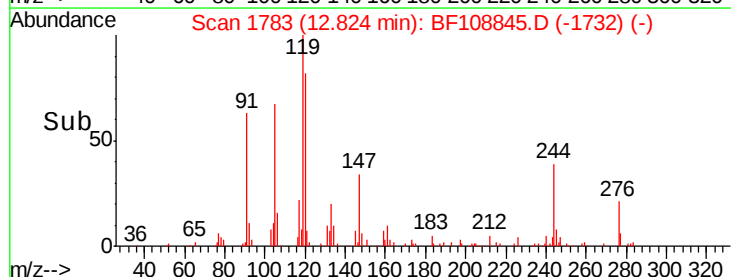
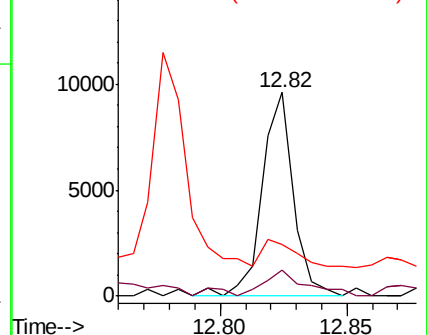
122 25.4 11.0 16.4#

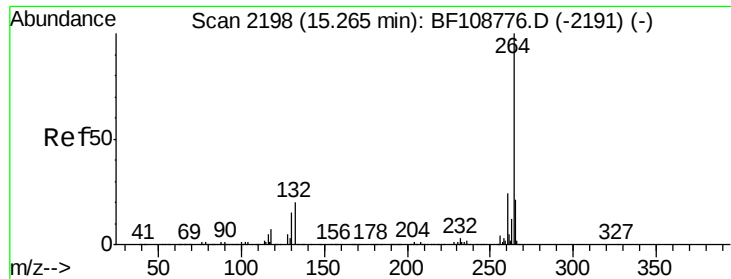


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108845.D
Acq: 7 Sep 2018 1:14

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3

