

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108314.D
 Acq On : 21 Aug 2018 2:11
 Operator : JU/SJ
 Sample : J4506-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Quant Time: Aug 21 05:38:32 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

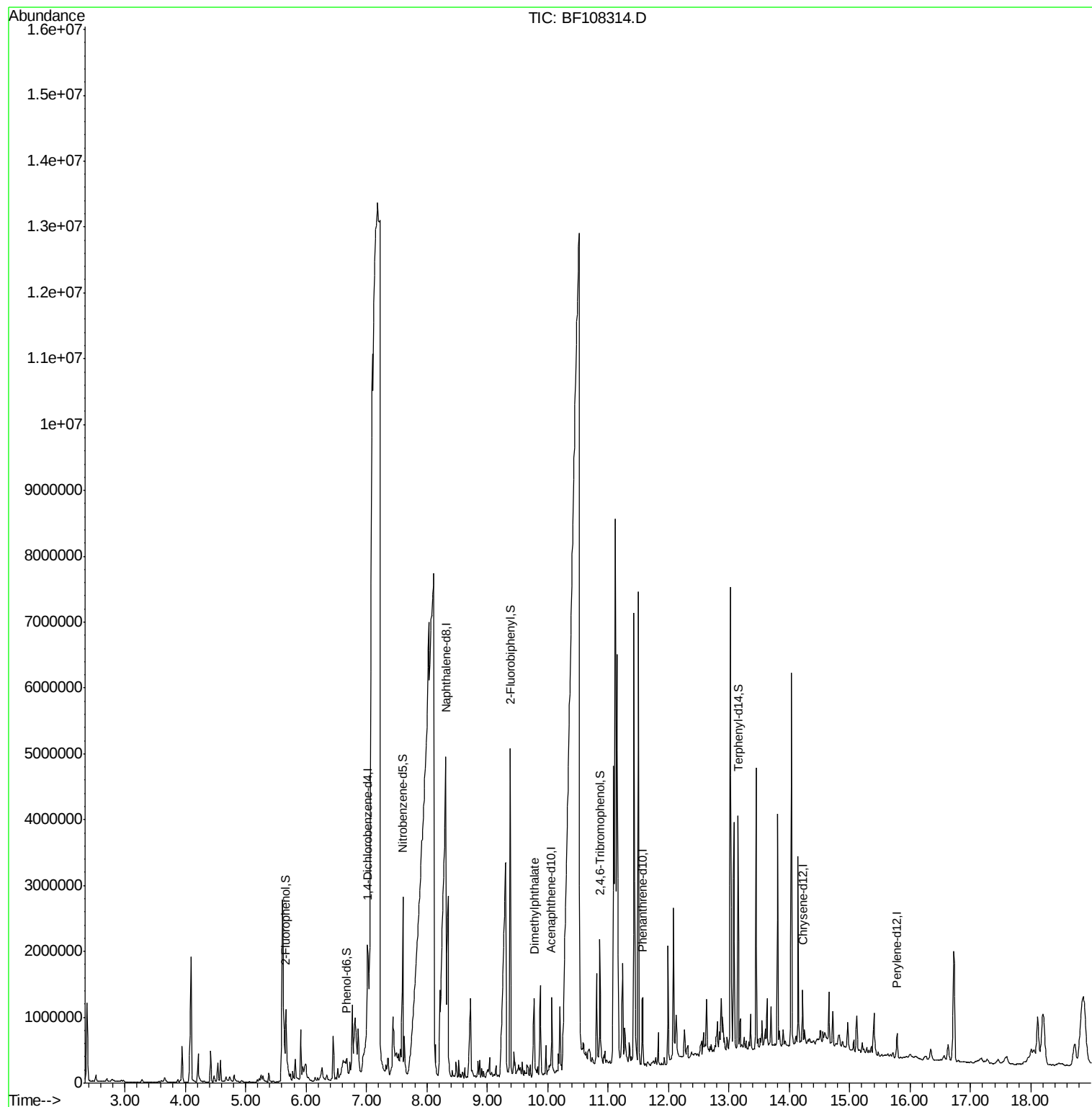
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	150644	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	453688	20.00	ng	0.01
38) Acenaphthene-d10	10.07	164	220772	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	388109	20.00	ng	0.01
75) Chrysene-d12	14.22	240	273654	20.00	ng	0.00
86) Perylene-d12	15.78	264	211089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	380767	45.76	ng	0.04
7) Phenol-d6	6.67	99	45240	4.09	ng	0.04
23) Nitrobenzene-d5	7.60	82	843676	103.77	ng	0.02
41) 2,4,6-Tribromophenol	10.87	330	203835	92.56	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1438471	104.61	ng	0.00
78) Terphenyl-d14	13.15	244	1190472	110.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.77	163	59974	3.900	ng	98

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

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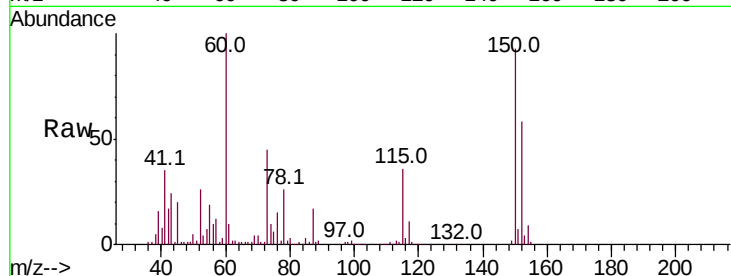


#1

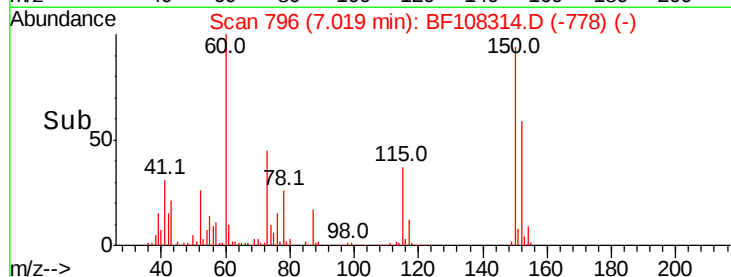
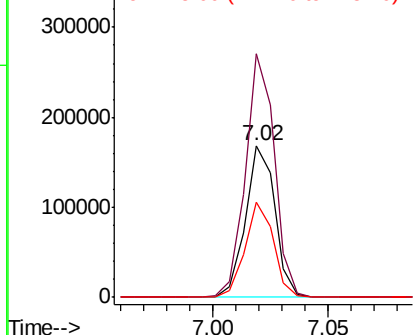
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108314.D
Acq: 21 Aug 2018 2:11

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tot Ion:152 Resp: 150644
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 62.8 50.1 75.1



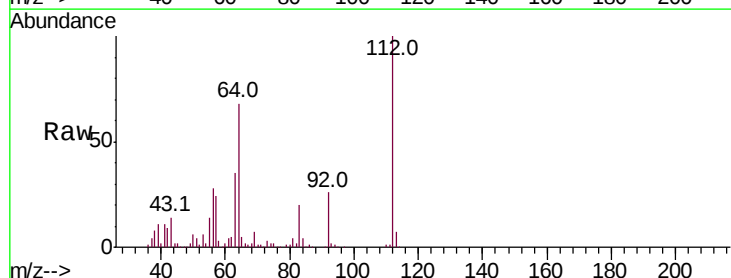
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



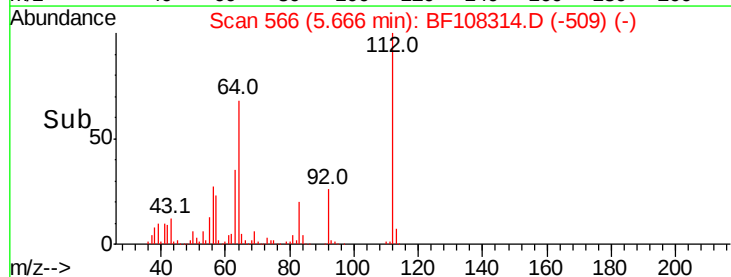
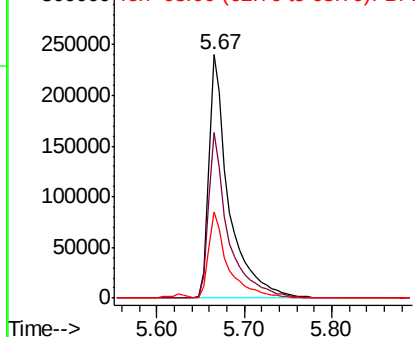
#5

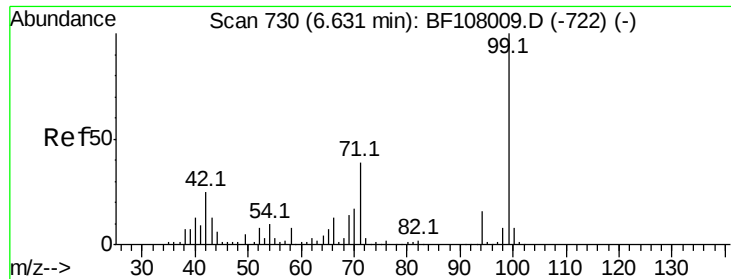
2-Fluorophenol
Concen: 45.761 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.04 min
Lab File: BF108314.D
Acq: 21 Aug 2018 2:11

Tgt Ion:112 Resp: 380767
Ion Ratio Lower Upper
112 100
64 68.0 47.9 71.9
63 35.5 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: 4.091 ng

RT: 6.67 min Scan# 737

Delta R.T. 0.04 min

Lab File: BF108314.D

Acq: 21 Aug 2018 2:11

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

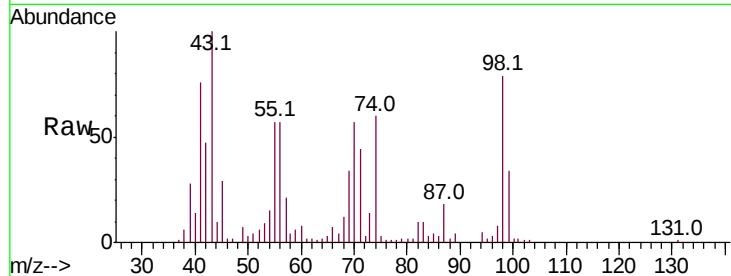
Tot Ion: 99 Resp: 45240

Ion Ratio Lower Upper

99 100

42 141.1 14.5 21.7#

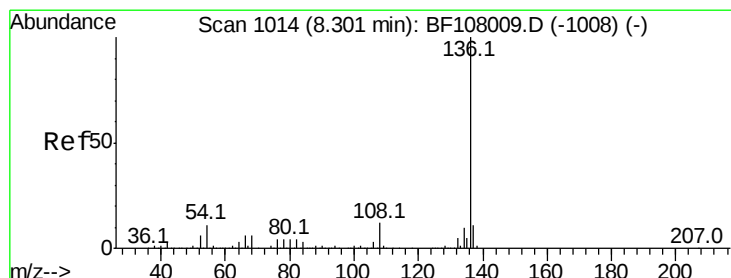
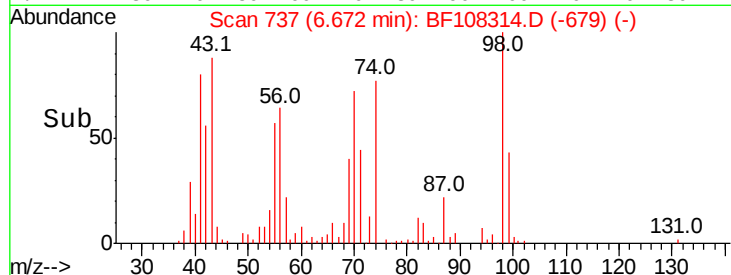
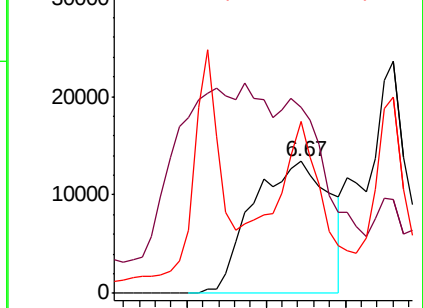
71 130.3 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF108314.D

Acq: 21 Aug 2018 2:11

Tgt Ion: 136 Resp: 453688

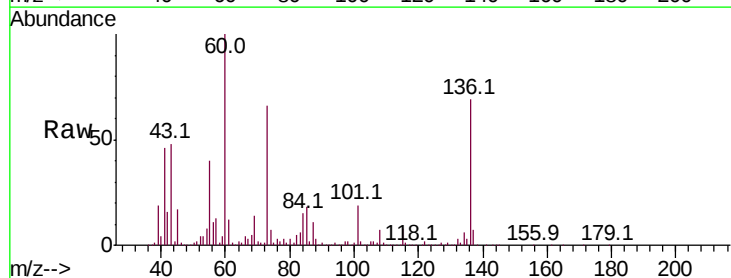
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 11.0 6.6 9.8#

68 6.7 5.0 7.4

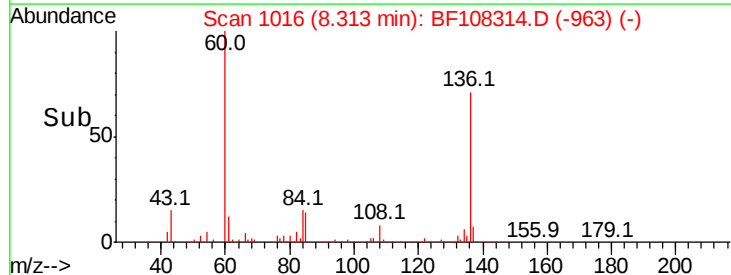
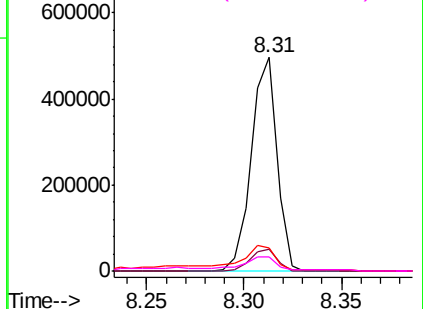


Abundance Ion 136.00 (135.70 to 136.70): E

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

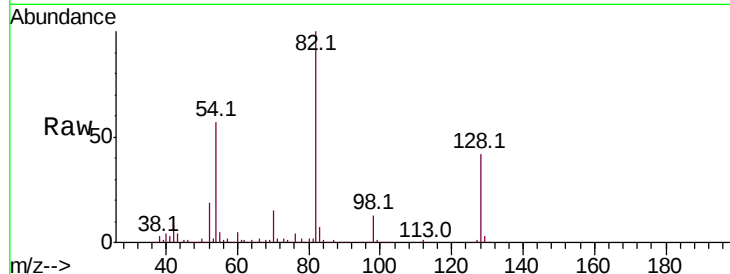




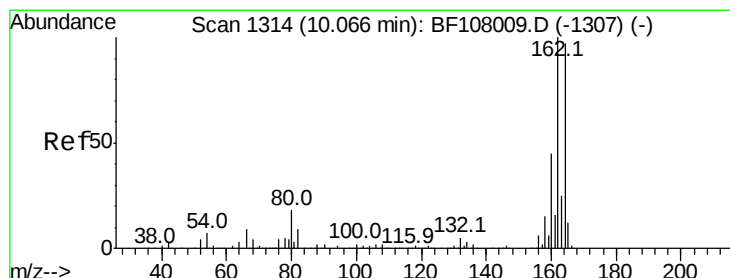
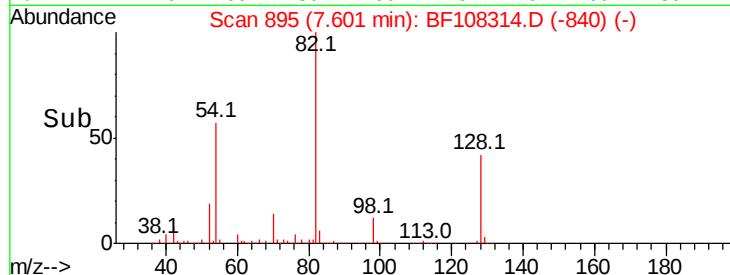
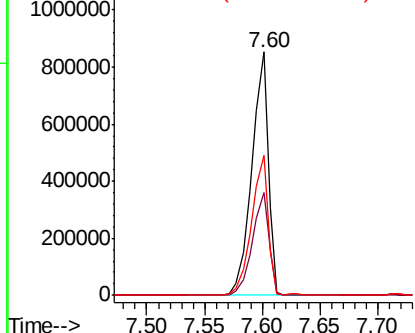
#23
 Nitrobenzene-d5
 Concen: 103.768 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.02 min
 Lab File: BF108314.D
 Acq: 21 Aug 2018 2:11

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion: 82 Resp: 843676
 Ion Ratio Lower Upper
 82 100
 128 42.1 36.1 54.1
 54 57.5 41.4 62.2

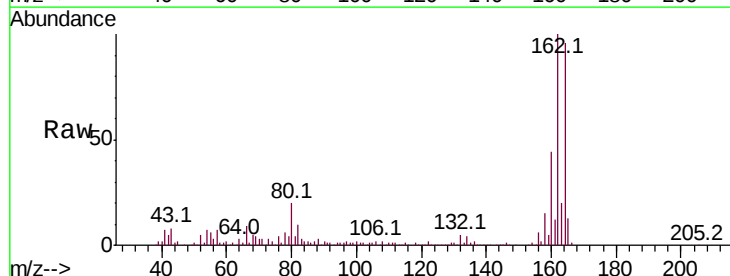


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

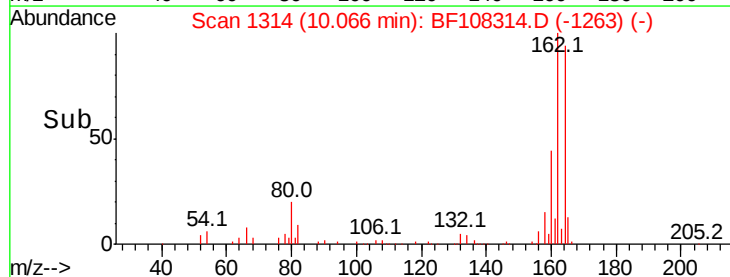
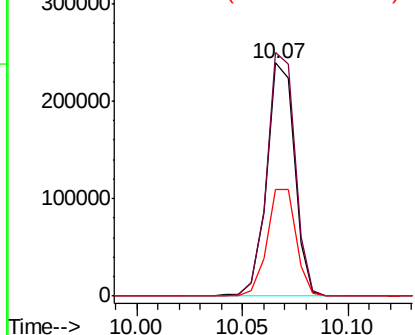


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108314.D
 Acq: 21 Aug 2018 2:11

Tgt Ion: 164 Resp: 220772
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

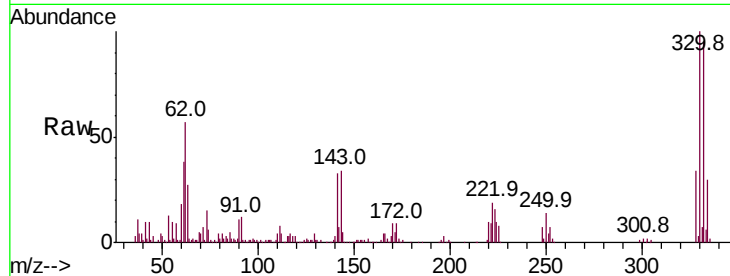




#41
 2,4,6-Tribromophenol
 Concen: 92.562 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108314.D
 Acq: 21 Aug 2018 2:11

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.0	29.9	44.9

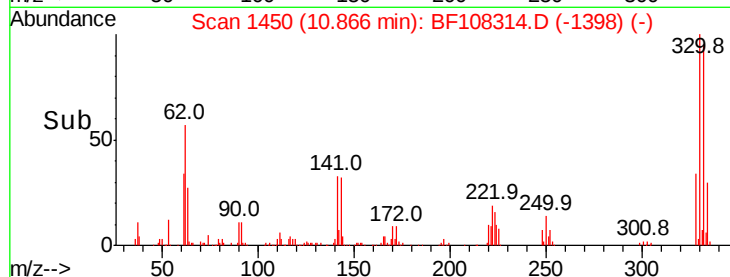
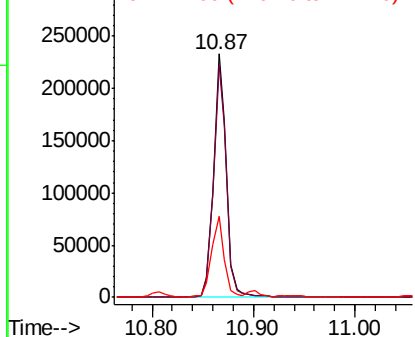


Abundance

Ion 329.80 (329.50 to 330.50): E

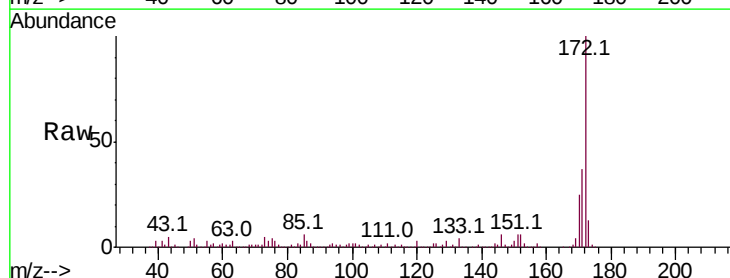
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.607 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108314.D
 Acq: 21 Aug 2018 2:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.1	19.6	29.4

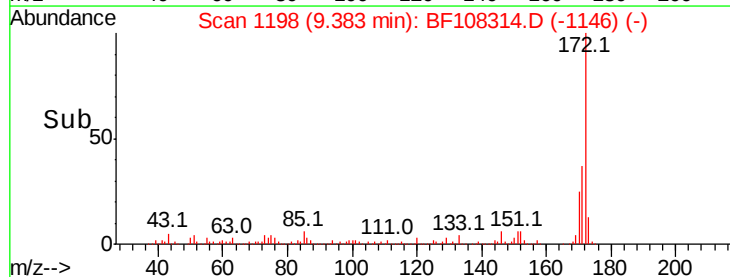
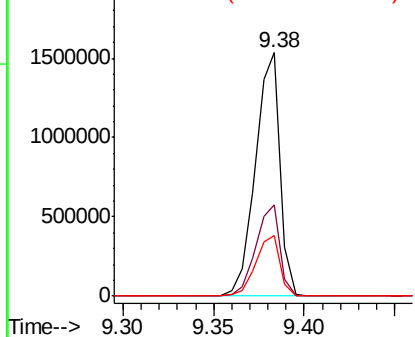


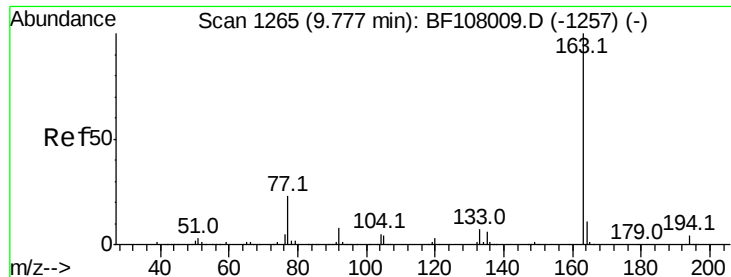
Abundance

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

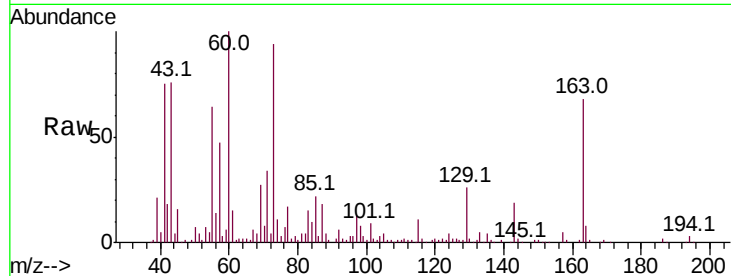




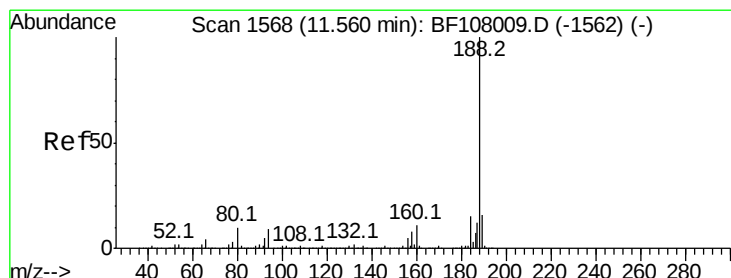
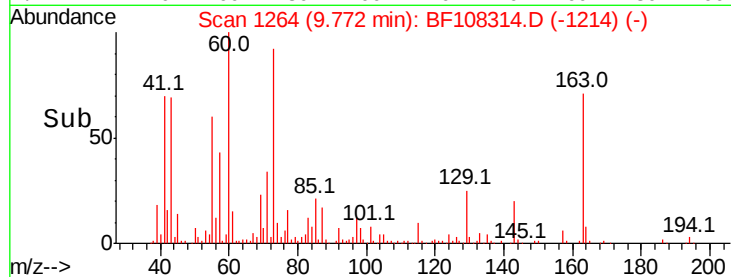
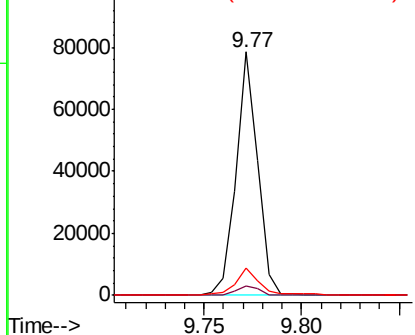
#49
Dimethylphthalate
Concen: 3.900 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108314.D
Acq: 21 Aug 2018 2:11

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tot Ion:163 Resp: 59974
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.1 8.2 12.2

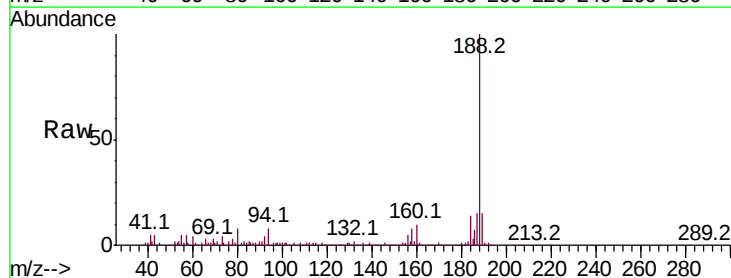


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

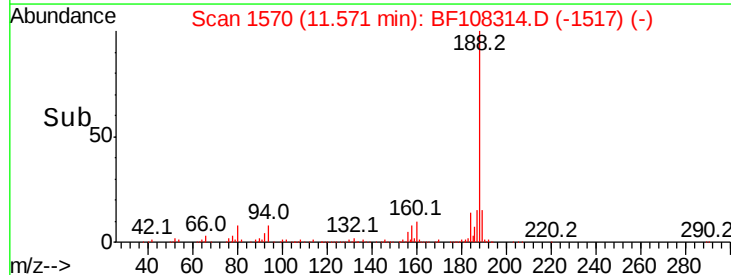
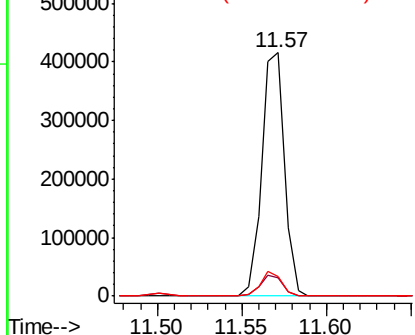


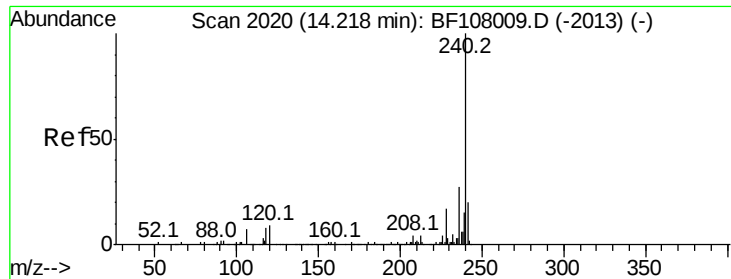
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108314.D
Acq: 21 Aug 2018 2:11

Tgt Ion:188 Resp: 388109
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.1 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: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108314.D

Acq: 21 Aug 2018 2:11

Instrument :

BNA_F

ClientSampleId :

EFF-WASTE-WATER

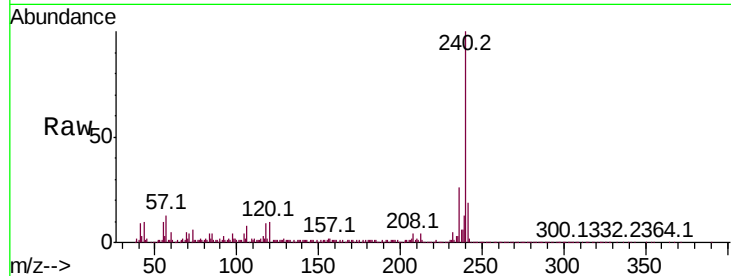
Tot Ion:240 Resp: 273654

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

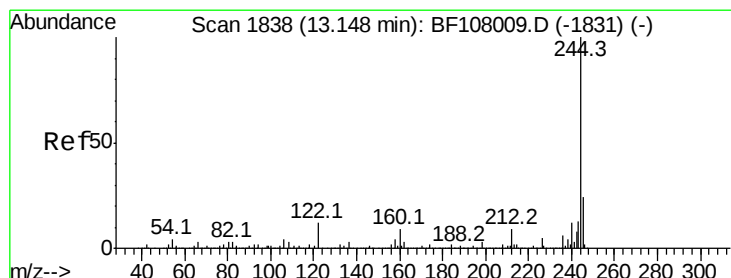
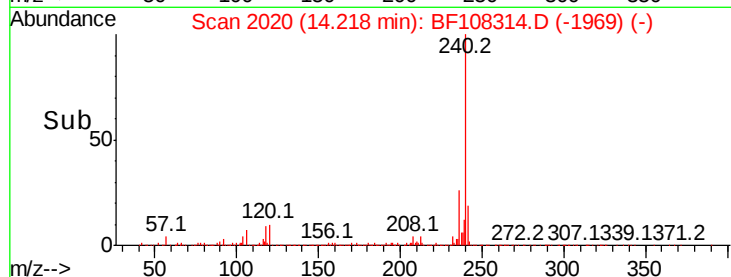
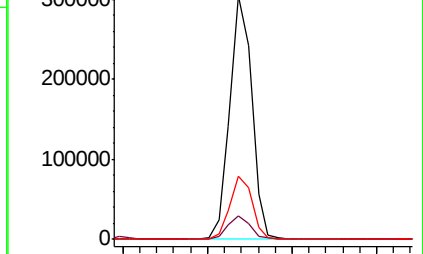
236 25.7 20.7 31.1



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: 110.609 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108314.D

Acq: 21 Aug 2018 2:11

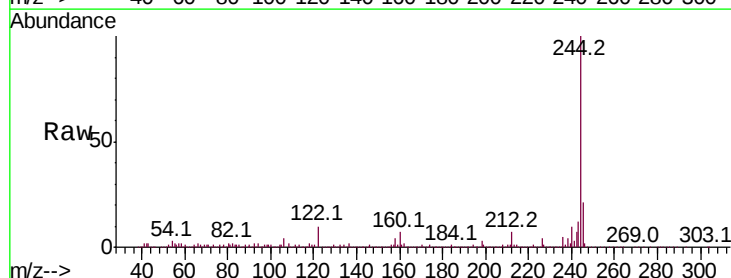
Tgt Ion:244 Resp: 1190472

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

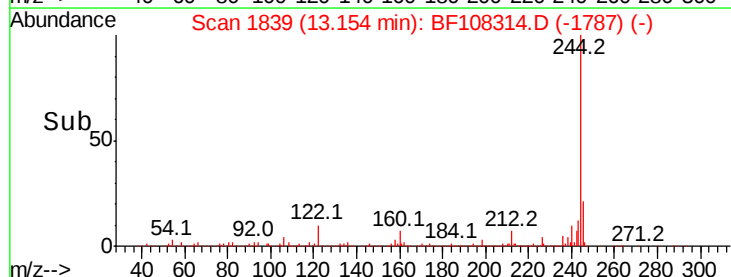
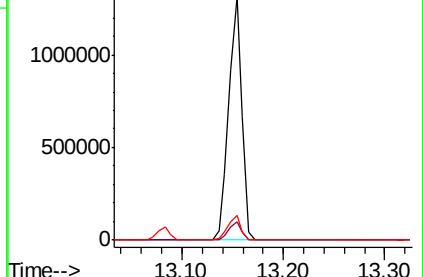
122 9.9 11.0 16.4#

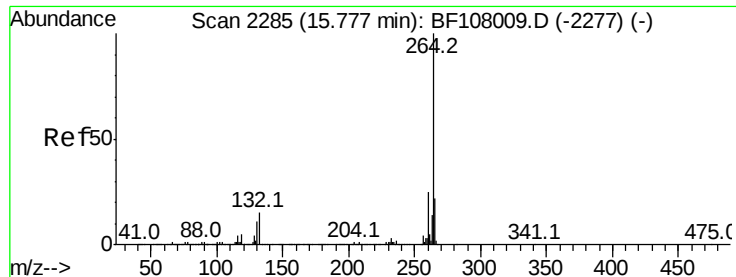


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

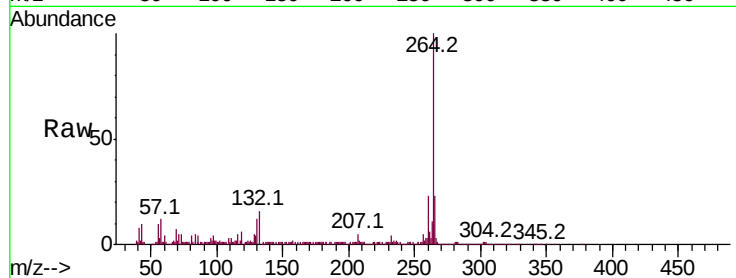




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF108314.D
Acq: 21 Aug 2018 2:11

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.8	17.5	26.3



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

