

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109756.D
 Acq On : 10 Oct 2018 21:41
 Operator : JU/SJ
 Sample : J4799-02 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Manual Integrations
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 10/11/2018 2:02:54 PM

Quant Time: Oct 11 07:01:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	66967	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	320747	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	145807	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	250538	20.00	ng	0.00
75) Chrysene-d12	13.83	240	197426	20.00	ng	0.00
86) Perylene-d12	15.24	264	190484	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	7.28	82	6803m	1.17	ng	0.01
41) 2,4,6-Tribromophenol	10.52	330	1648	1.04	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	16052	1.52	ng	0.00
78) Terphenyl-d14	12.79	244	10805	1.06	ng	0.00

Target Compounds Qvalue

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

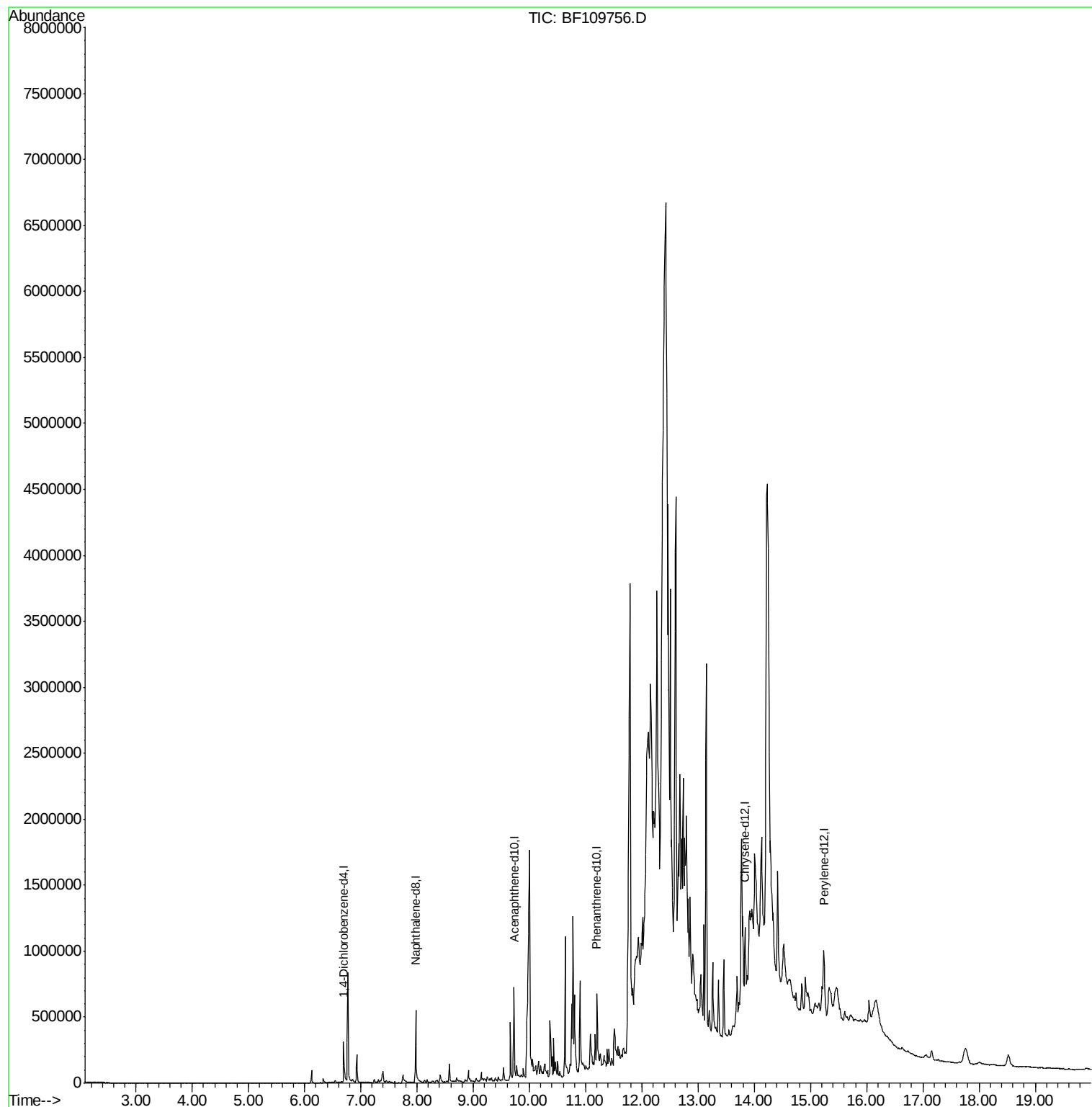
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
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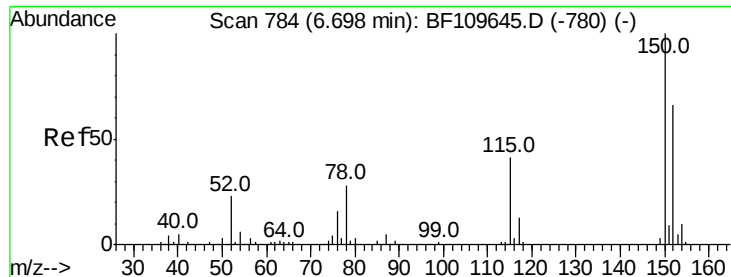
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#1

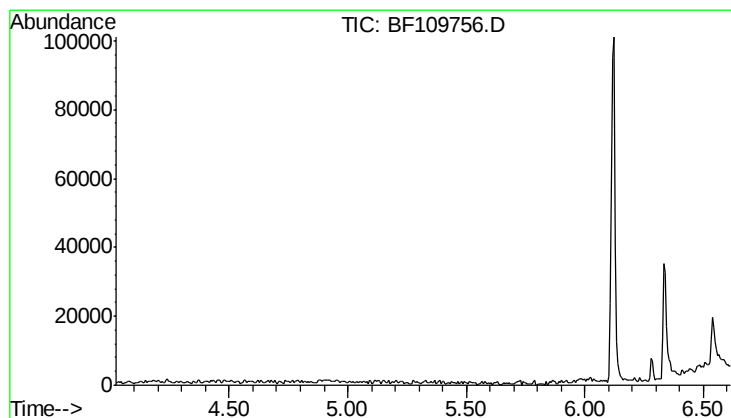
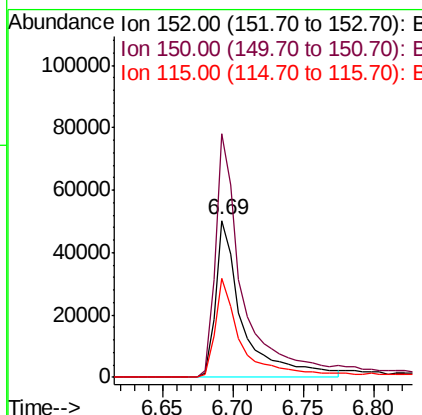
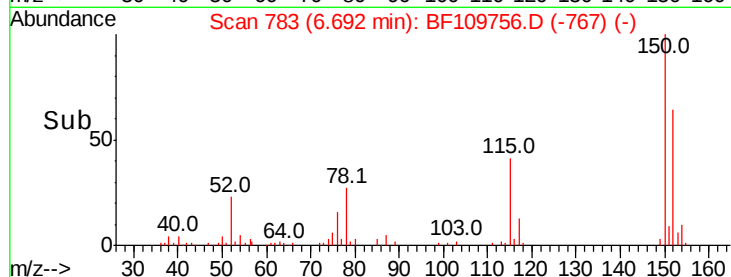
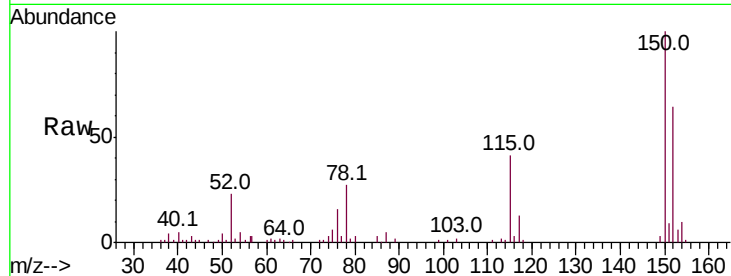
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109756.D
Acq: 10 Oct 2018 21:41

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.7	184.1
115	63.4	49.1	73.7

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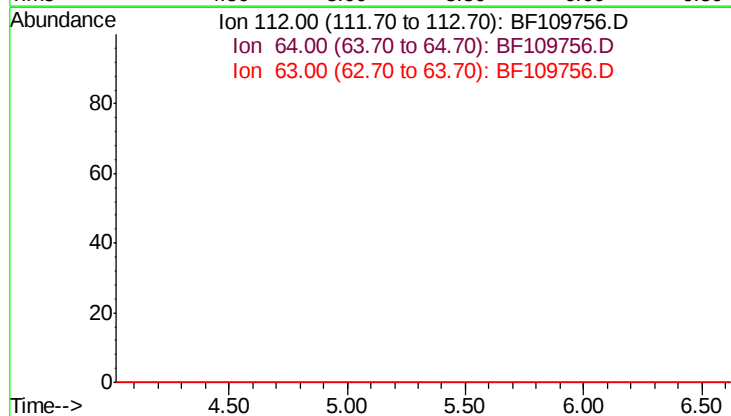


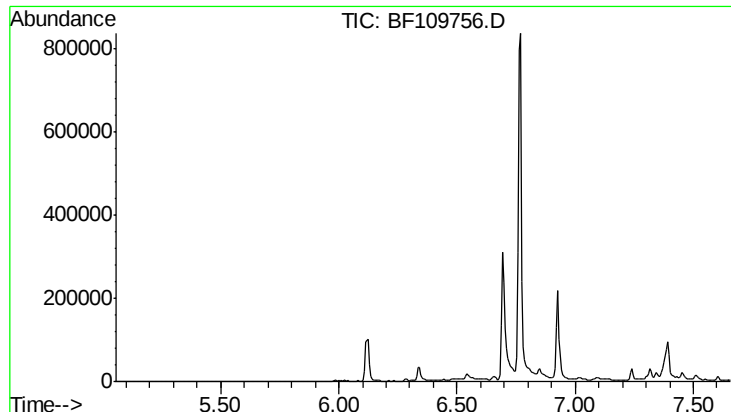
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.32 min

Lab File: BF109756.D
Acq: 10 Oct 2018 21:41

Tgt Ion	Exp Ratio
112	100
64	55.1
63	29.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.36 min

Lab File: BF109756.D

Acq: 10 Oct 2018 21:41

Tot Ion: 99

Sig Exp Ratio

99 100

42 19.7

71 35.0

Instrument :

BNA_F

ClientSampleId :

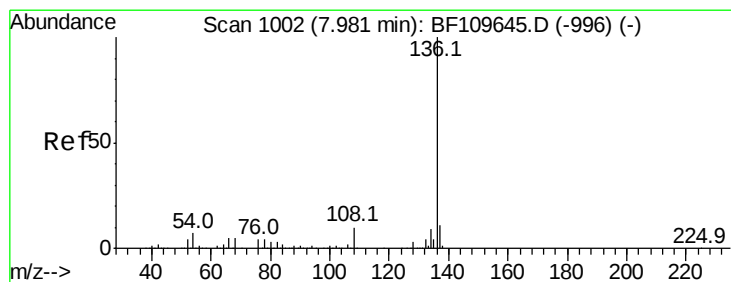
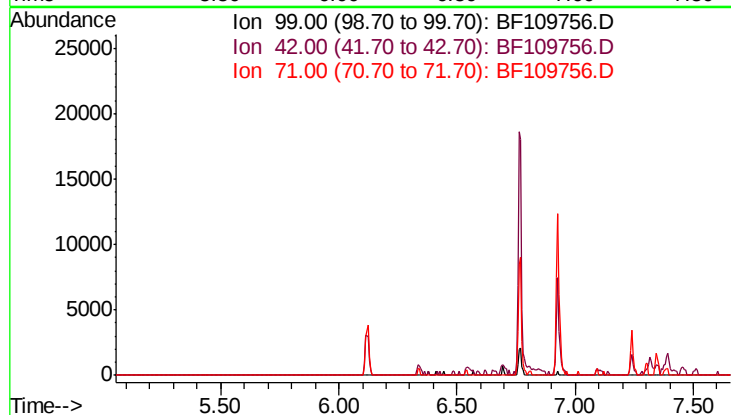
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109756.D

Acq: 10 Oct 2018 21:41

Tgt Ion:136 Resp: 320747

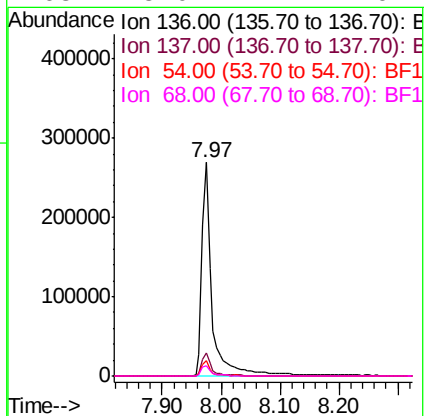
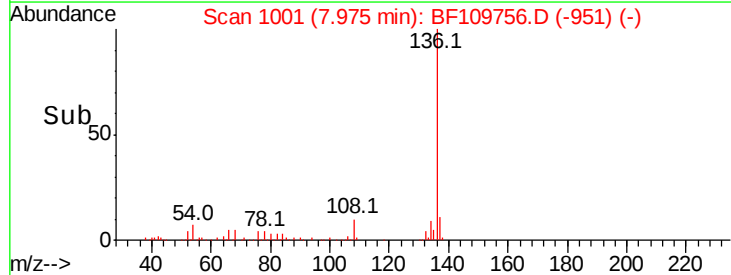
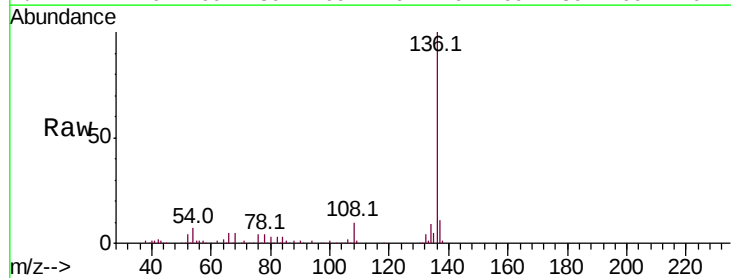
Ion Ratio Lower Upper

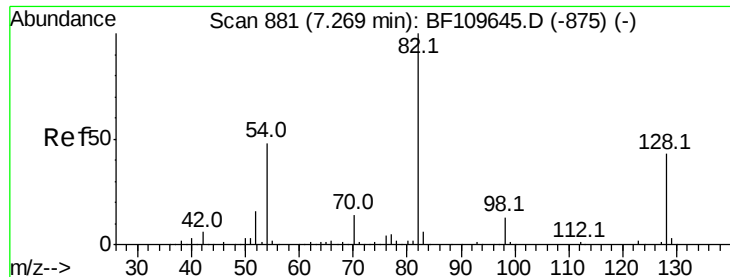
136 100

137 10.6 8.8 13.2

54 6.9 5.4 8.2

68 5.0 4.2 6.2





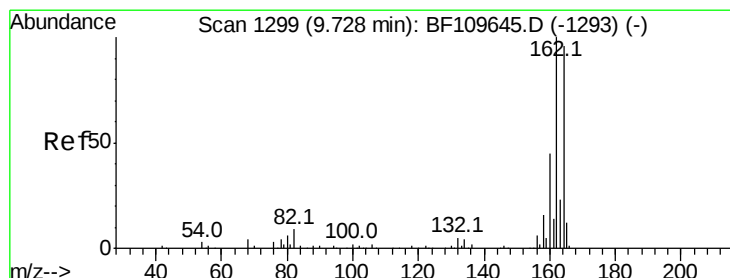
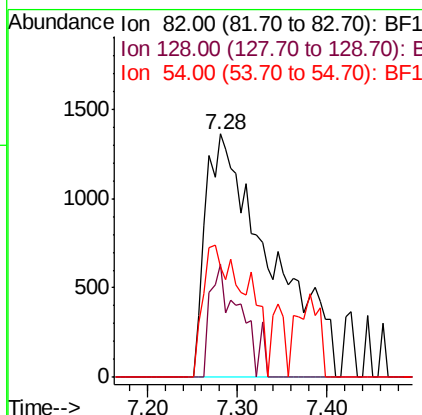
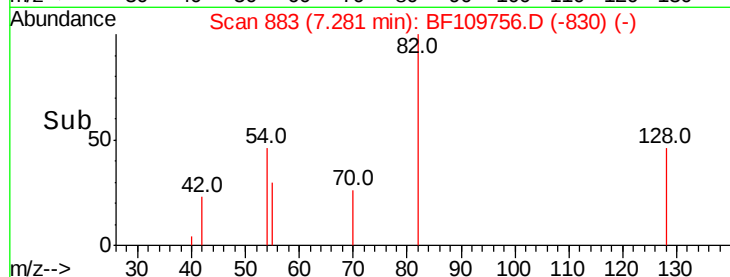
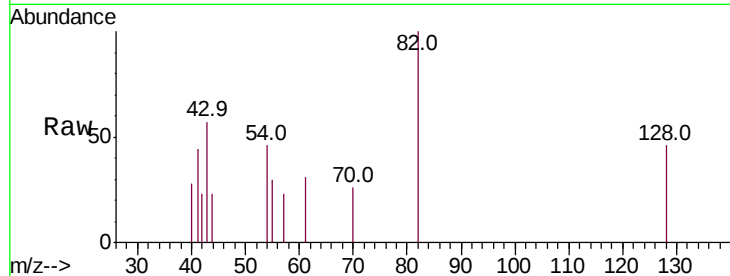
#23
 Nitrobenzene-d5
 Concen: 1.169 ng/ml
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.2	51.2
54	45.5	38.6	58.0

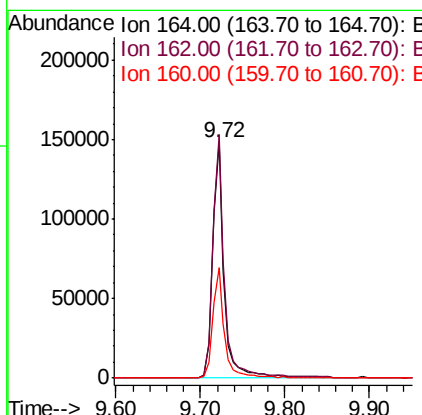
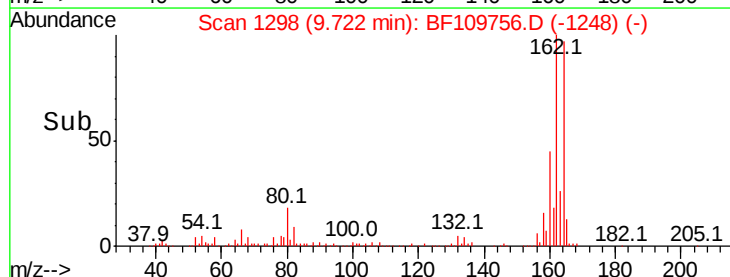
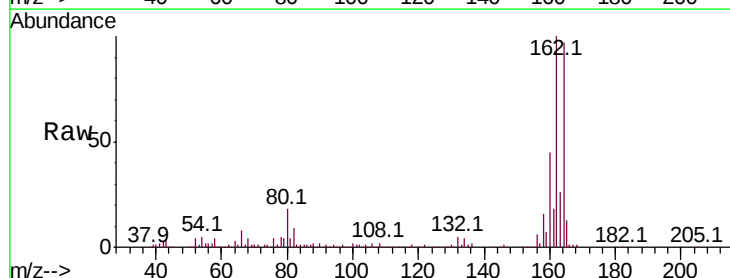
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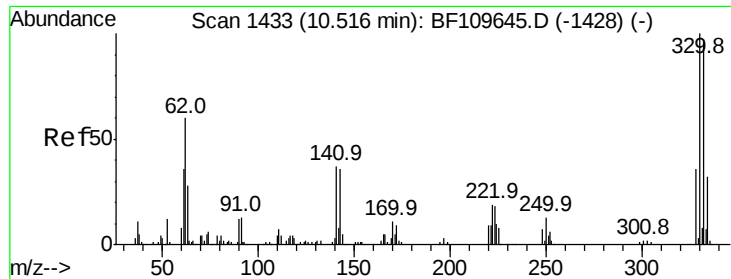
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	46.9	37.0	55.6





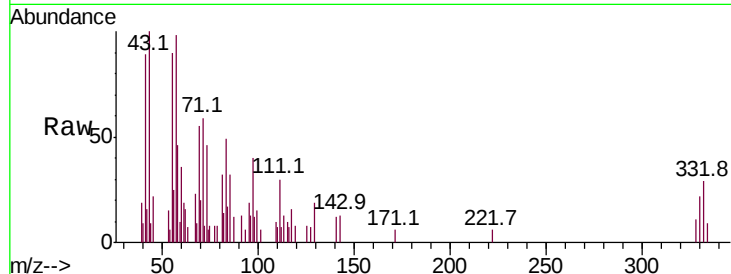
#41
 2,4,6-Tribromophenol
 Concen: 1.037 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.1	115.7
141	111.3	27.0	40.4#

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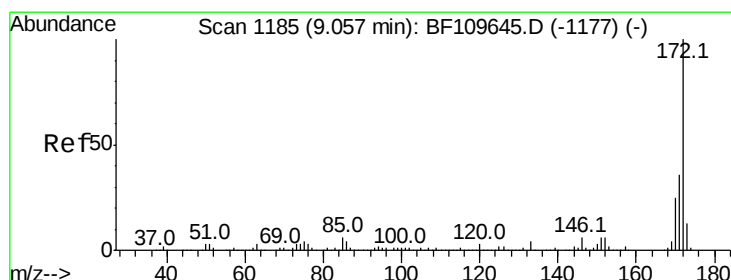
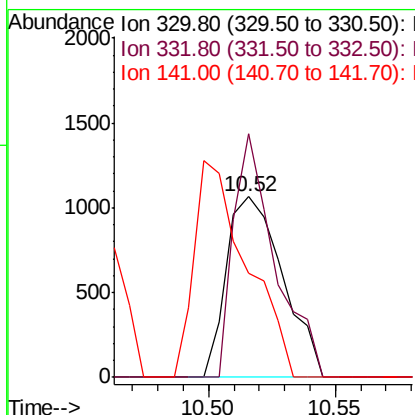
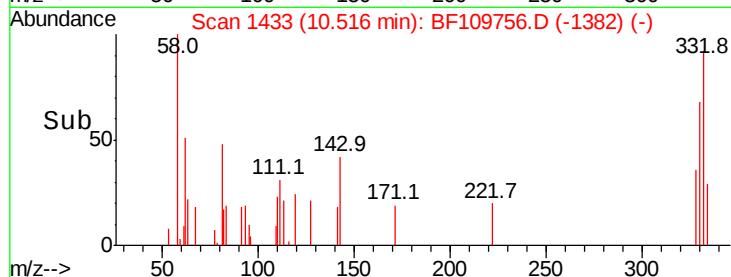


Abundance

Ion 329.80 (329.50 to 330.50): E

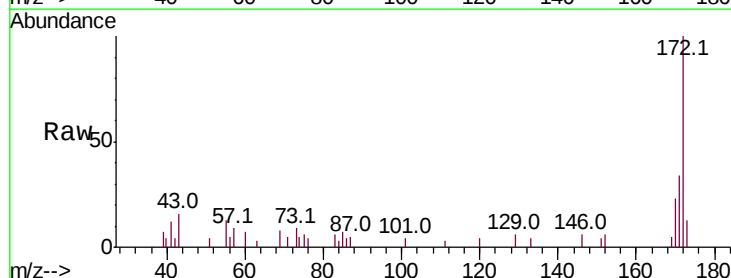
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 1.516 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.6	43.0
170	23.3	19.7	29.5

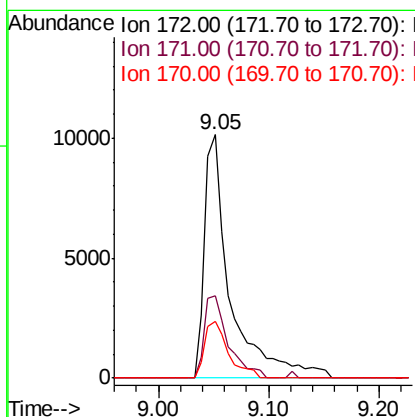
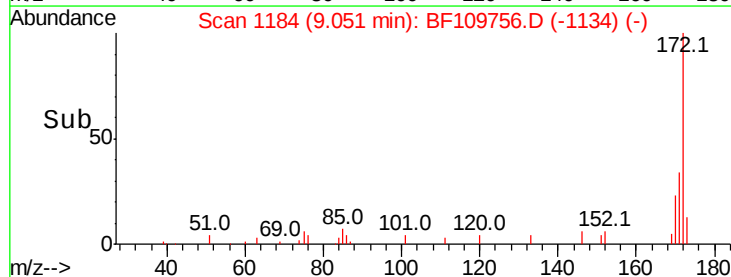


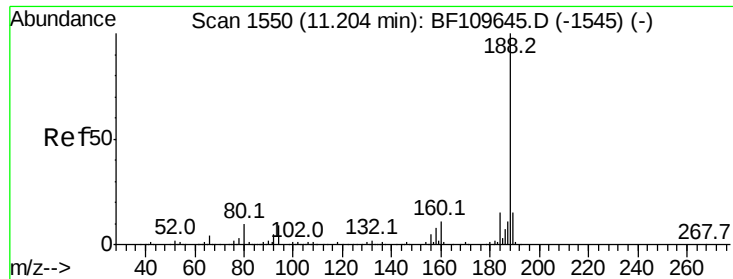
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109756.D

Acq: 10 Oct 2018 21:41

Instrument :

BNA_F

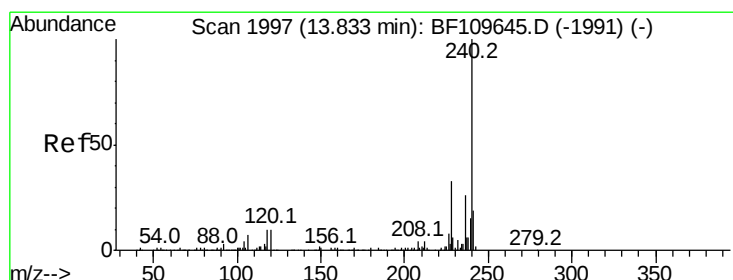
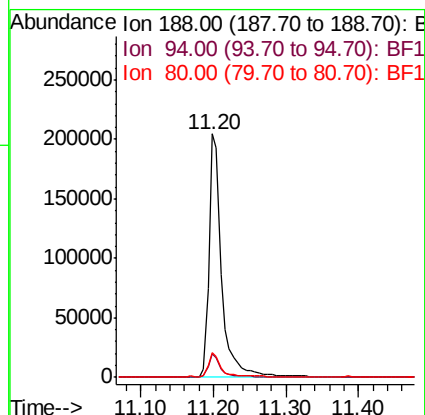
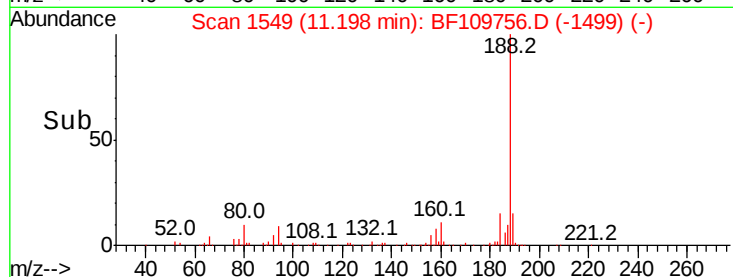
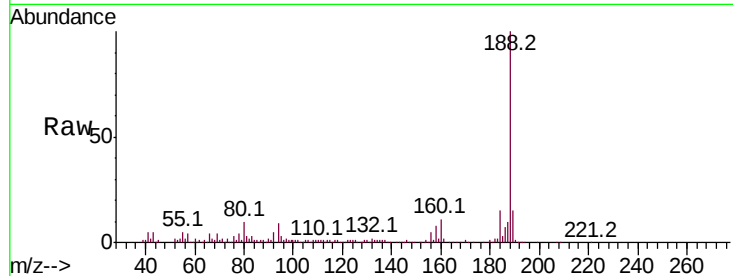
ClientSampleId :

EFF-WASTE-WATER

Tot Ion:	188	Resp:	250538
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.2	10.8
80	10.1	7.9	11.9

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#75

Chrysene-d12

Concen: 20.000 ng

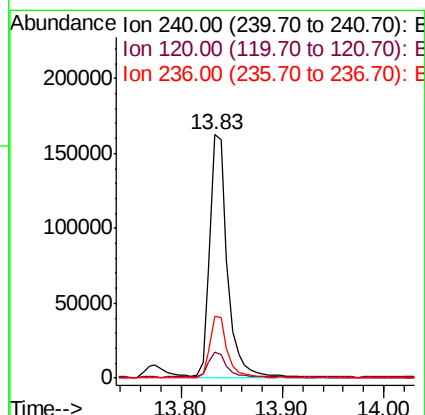
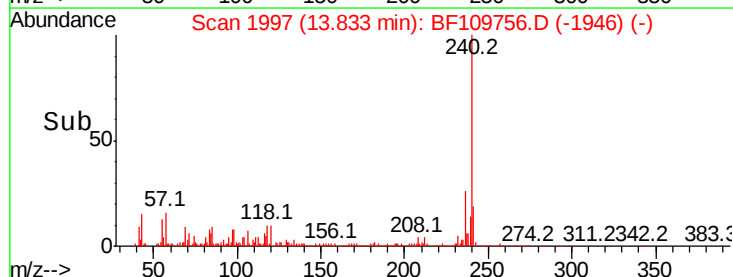
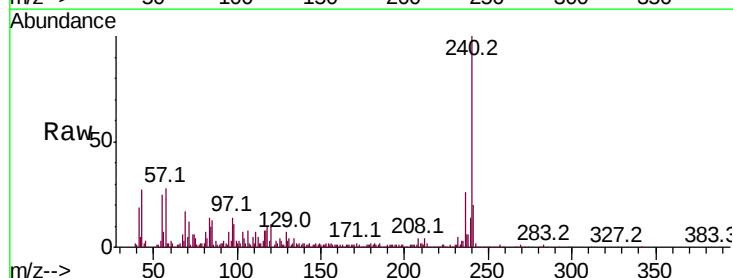
RT: 13.83 min Scan# 1997

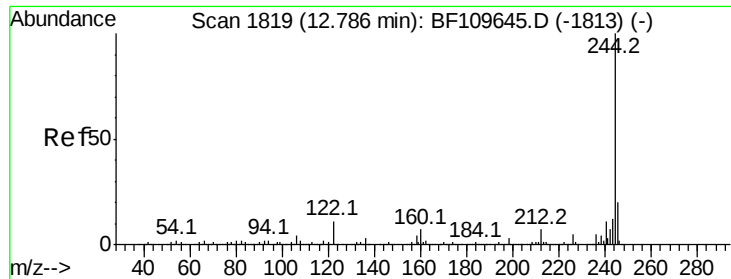
Delta R.T. -0.00 min

Lab File: BF109756.D

Acq: 10 Oct 2018 21:41

Tgt Ion:	240	Resp:	197426
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.3	12.5
236	25.6	21.2	31.8





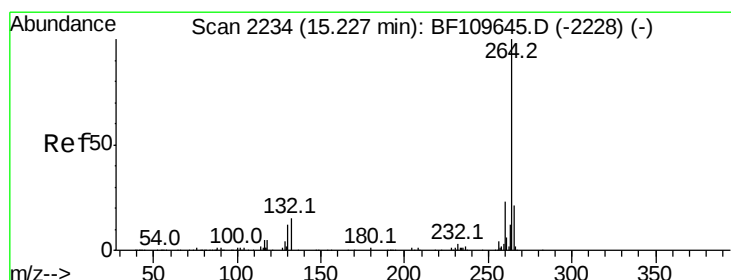
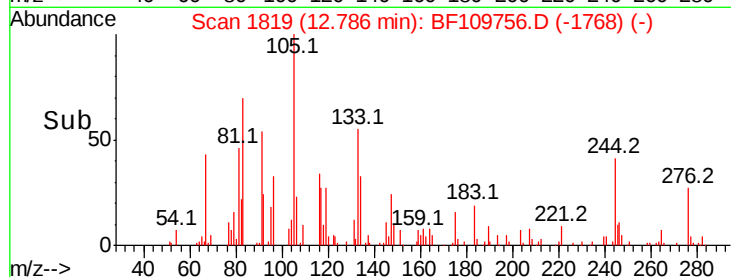
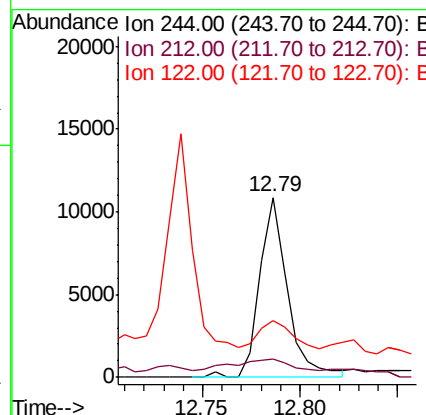
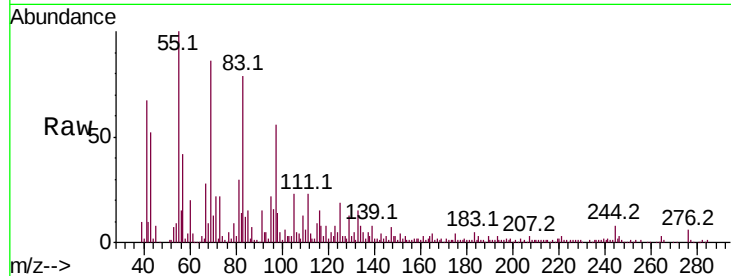
#78
 Terphenyl-d14
 Concen: 1.059 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	31.3	8.7	13.1#

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.01 min
 Lab File: BF109756.D
 Acq: 10 Oct 2018 21:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.2	16.7	25.1

