

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109601.D
 Acq On : 4 Oct 2018 21:36
 Operator : JU/SJ
 Sample : J5244-04 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Oct 05 02:08:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	86340	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	361311	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	162872	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	264062	20.00	ng	0.00
75) Chrysene-d12	13.83	240	215831	20.00	ng	-0.01
86) Perylene-d12	15.24	264	225516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	13683	2.61	ng	0.00
7) Phenol-d6	6.35	99	15162	2.27	ng	0.00
23) Nitrobenzene-d5	7.26	82	46203	7.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	13572	8.45	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	95553	8.85	ng	-0.02
78) Terphenyl-d14	12.79	244	67802	7.71	ng	-0.02

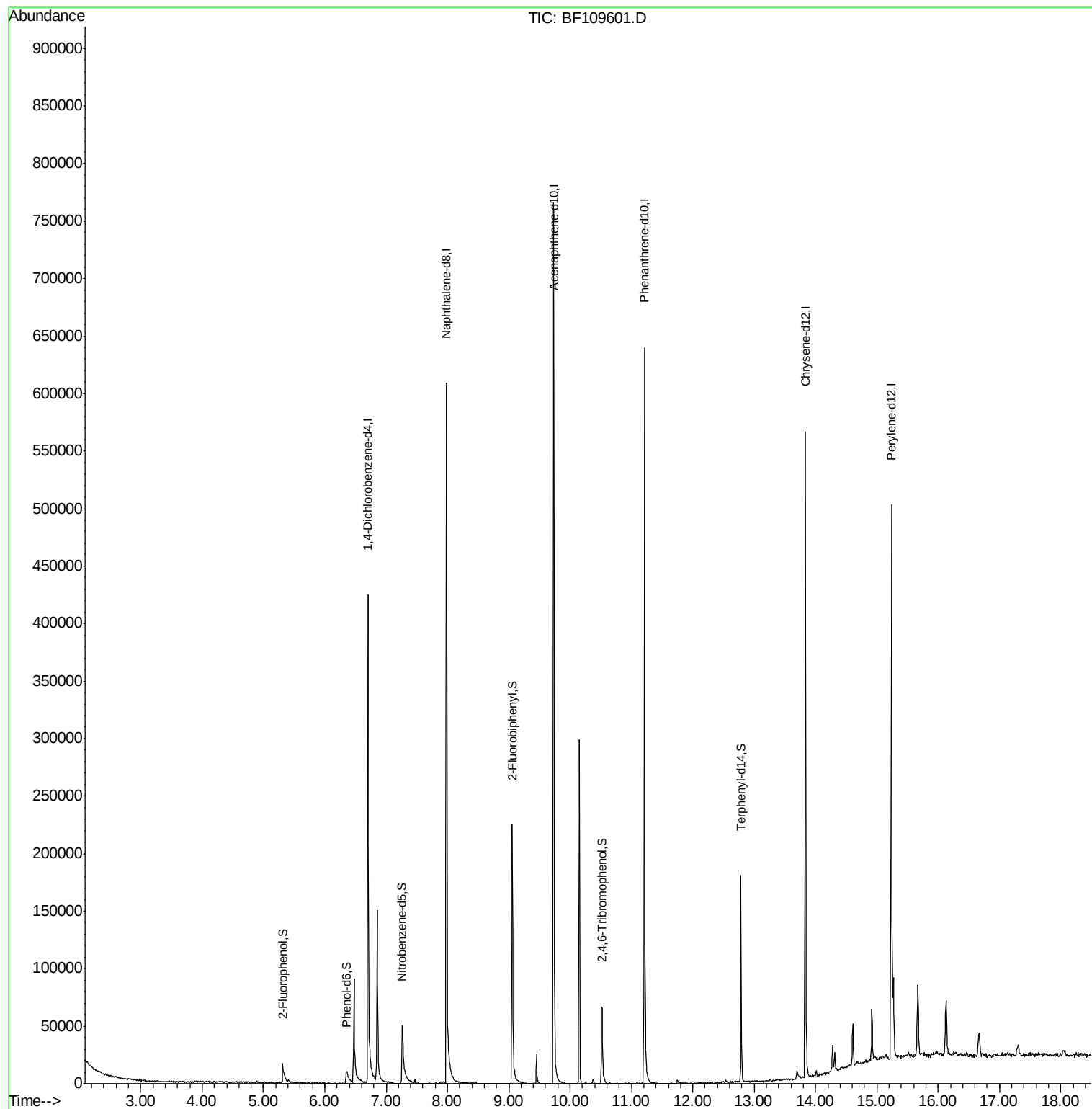
Target Compounds Qvalue

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

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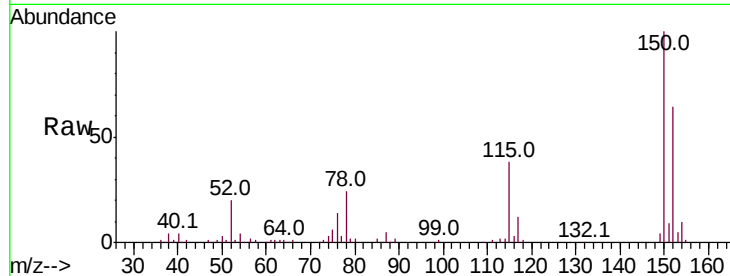


#1

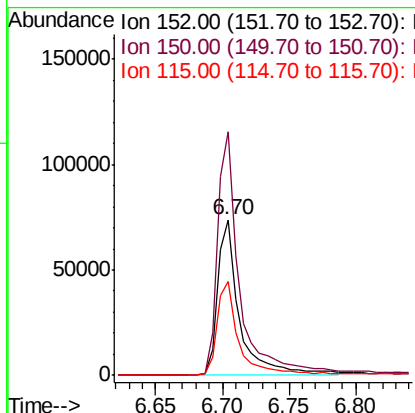
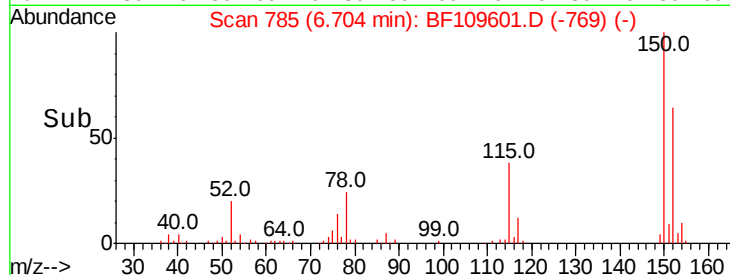
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109601.D
Acq: 4 Oct 2018 21:36

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:152 Resp: 86340
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.0 50.1 75.1



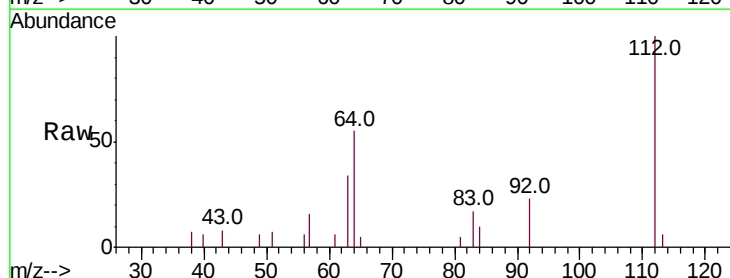
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



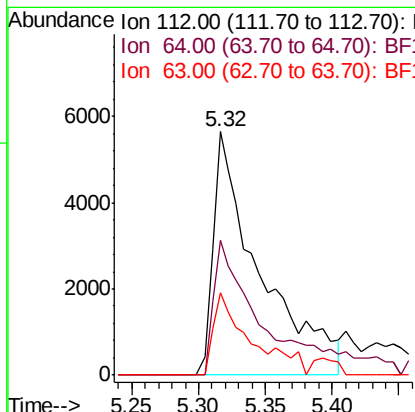
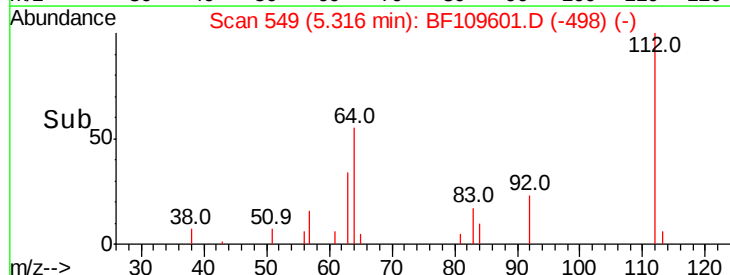
#5

2-Fluorophenol
Concen: 2.610 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109601.D
Acq: 4 Oct 2018 21:36

Tgt Ion:112 Resp: 13683
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 33.7 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: 2.267 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109601.D

Acq: 4 Oct 2018 21:36

Instrument :

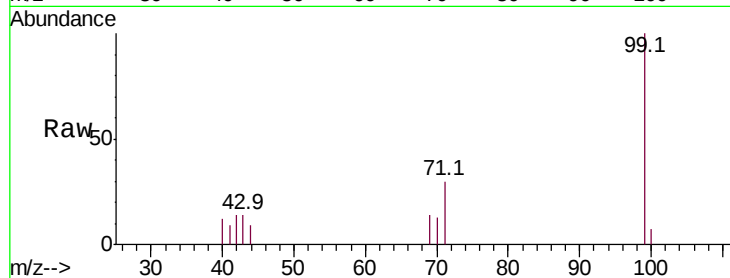
BNA_F

ClientSampleId :

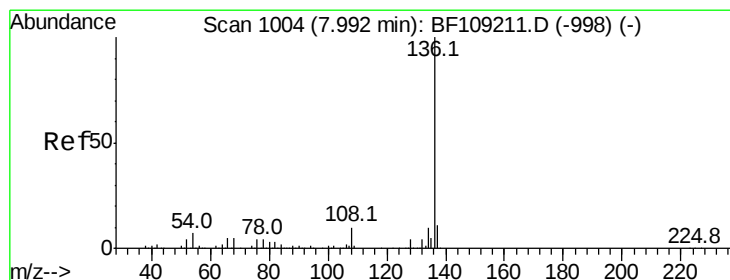
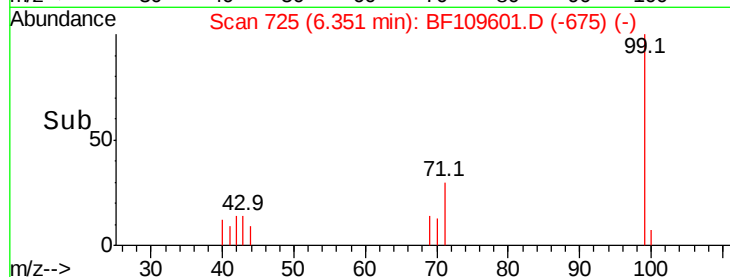
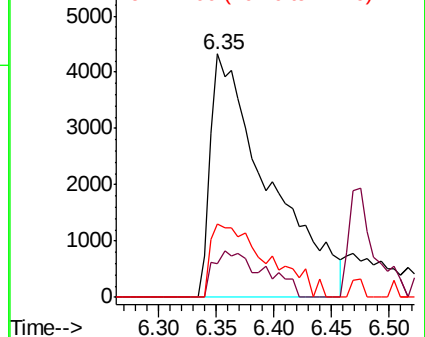
OILY-WATER

Tot Ion: 99 Resp: 15162

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.5	21.7#
71	29.9	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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

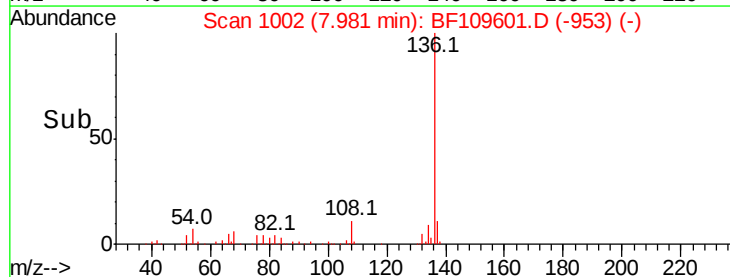
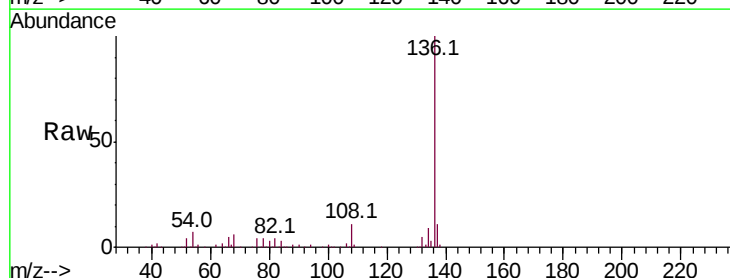
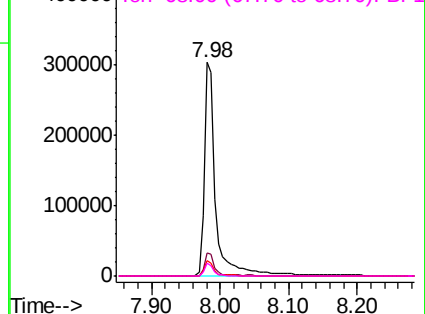
Lab File: BF109601.D

Acq: 4 Oct 2018 21:36

Tgt Ion: 136 Resp: 361311

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.6	9.8
68	6.0	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

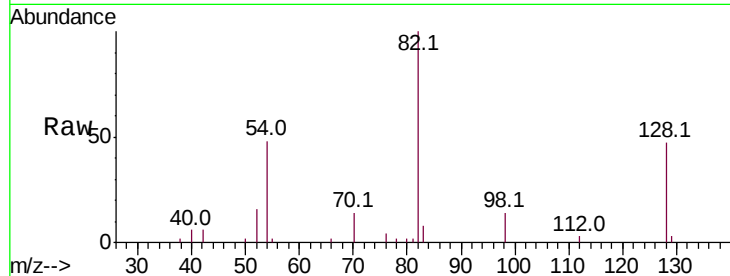




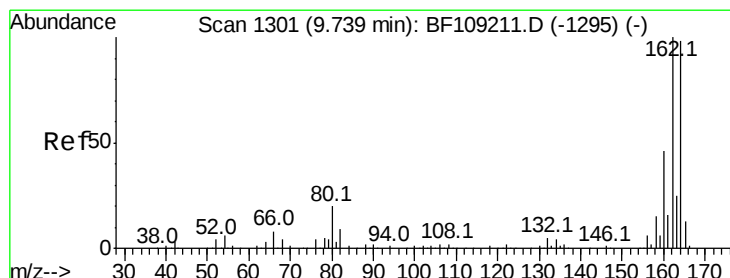
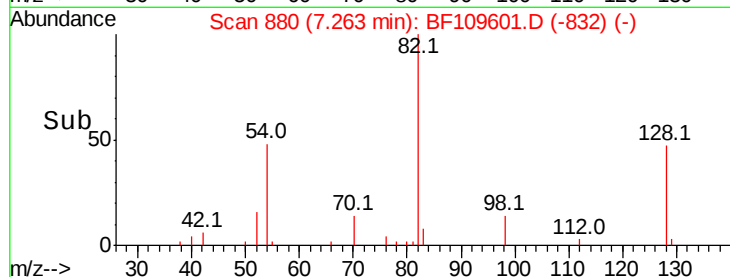
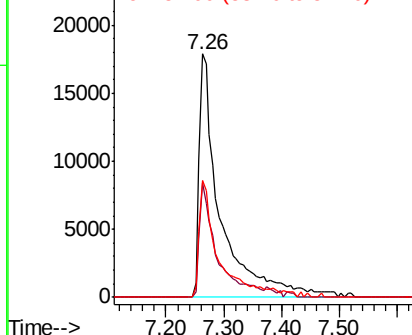
#23
Nitrobenzene-d5
Concen: 7.549 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109601.D
Acq: 4 Oct 2018 21:36

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion: 82 Resp: 46203
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 48.2 41.4 62.2

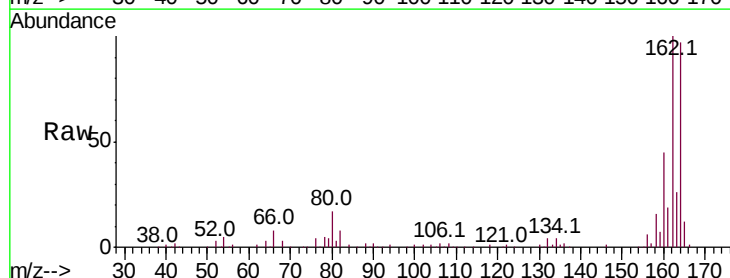


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

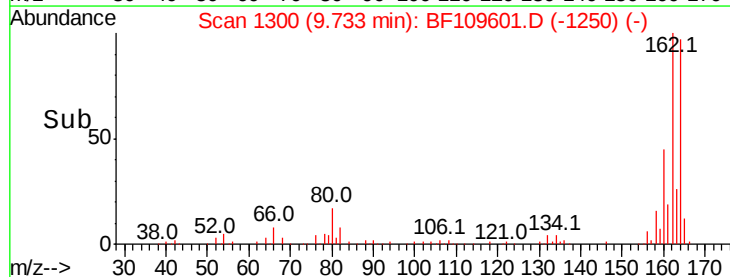
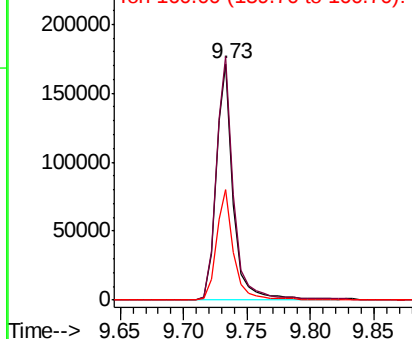


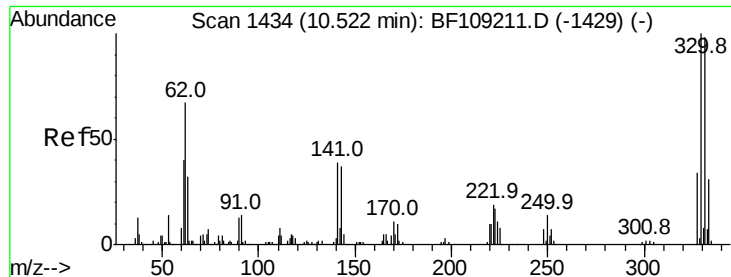
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109601.D
Acq: 4 Oct 2018 21:36

Tgt Ion:164 Resp: 162872
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 46.6 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

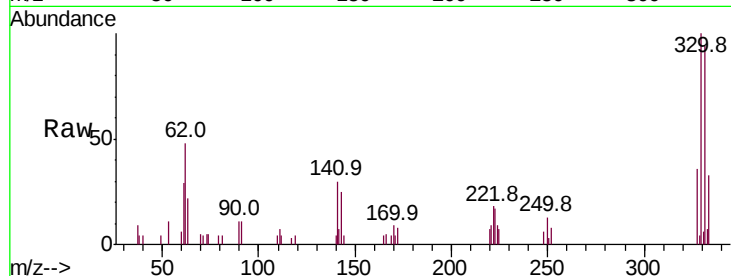




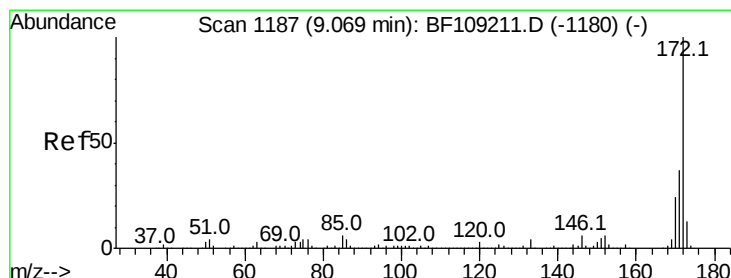
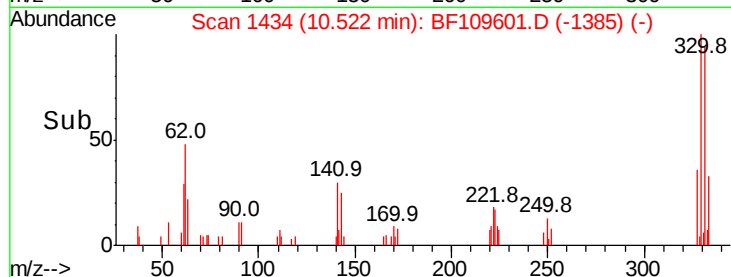
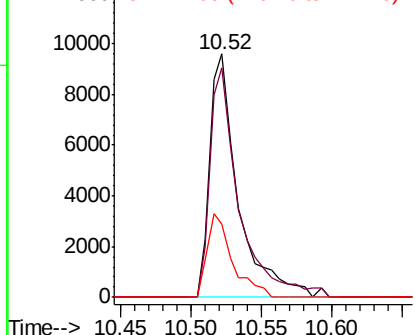
#41
 2,4,6-Tribromophenol
 Concen: 8.453 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109601.D
 Acq: 4 Oct 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion:330 Resp: 13572
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 30.2 29.9 44.9

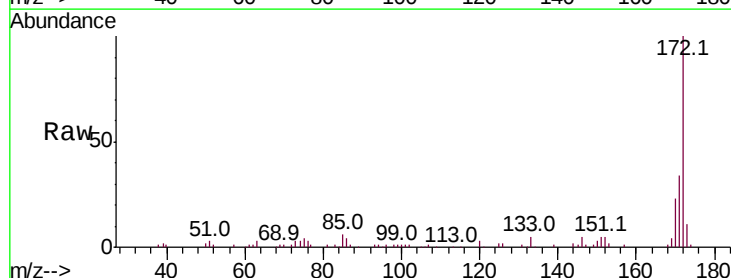


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

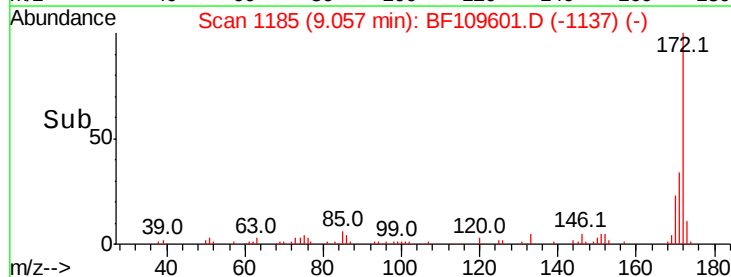
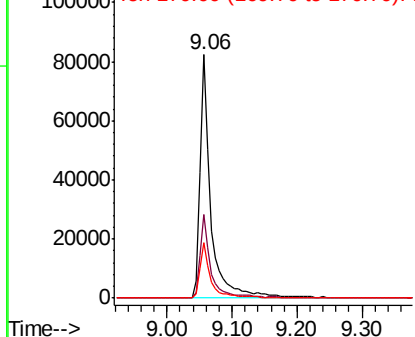


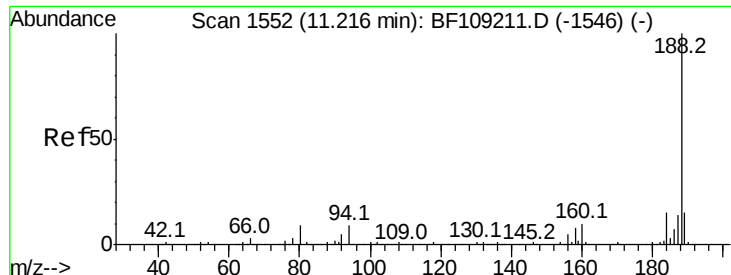
#44
 2-Fluorobiphenyl
 Concen: 8.848 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109601.D
 Acq: 4 Oct 2018 21:36

Tgt Ion:172 Resp: 95553
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 22.9 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

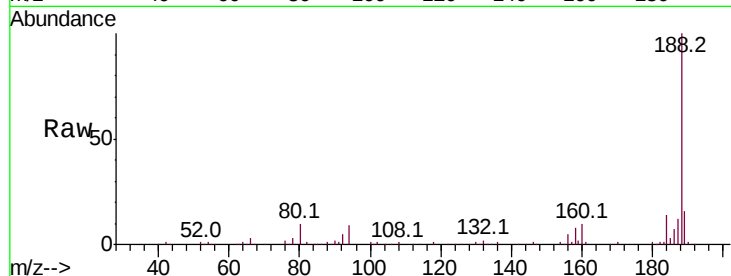




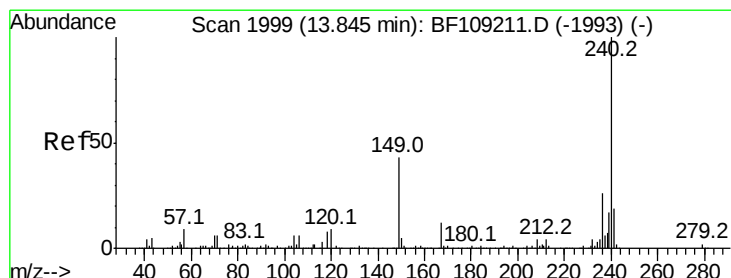
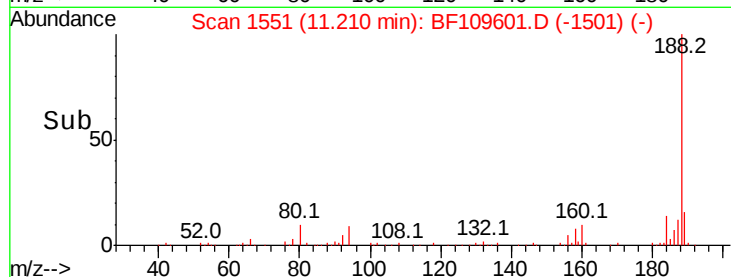
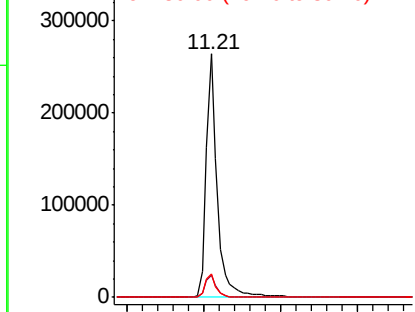
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109601.D
Acq: 4 Oct 2018 21:36

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:188 Resp: 264062
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.6 9.2 13.8

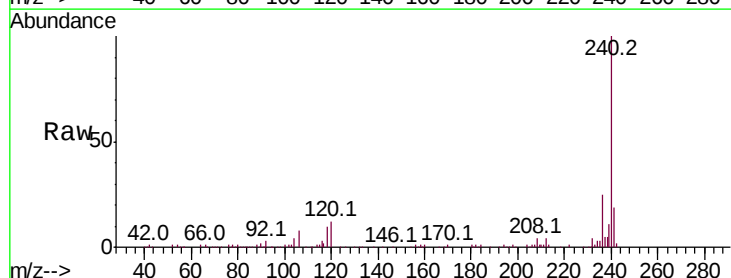


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

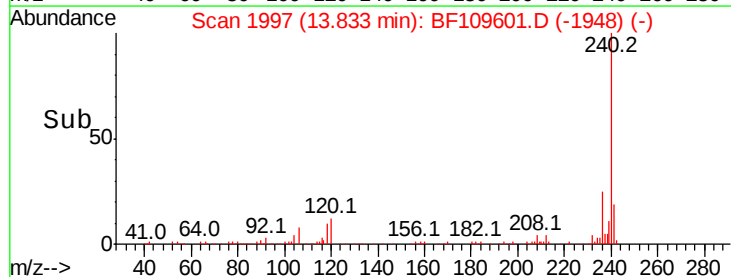
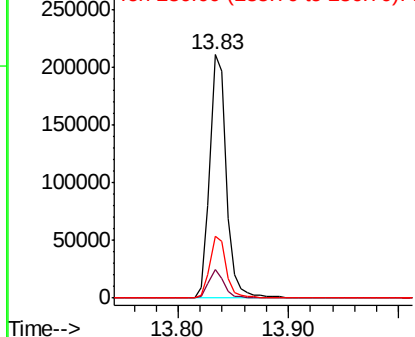


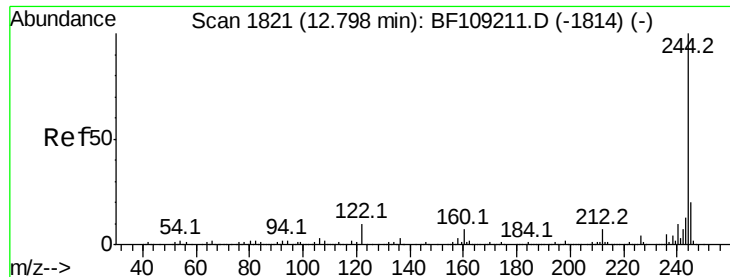
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109601.D
Acq: 4 Oct 2018 21:36

Tgt Ion:240 Resp: 215831
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.2 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: 7.710 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109601.D

Acq: 4 Oct 2018 21:36

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

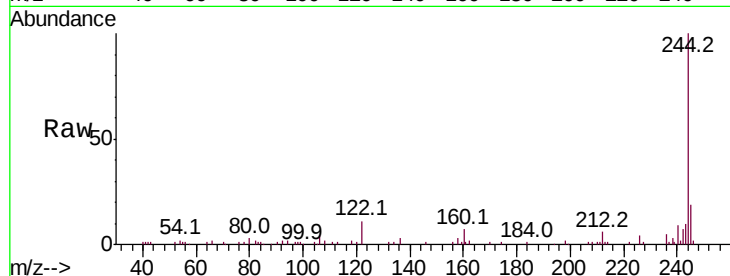
Tot Ion:244 Resp: 67802

Ion Ratio Lower Upper

244 100

212 5.8 5.4 8.0

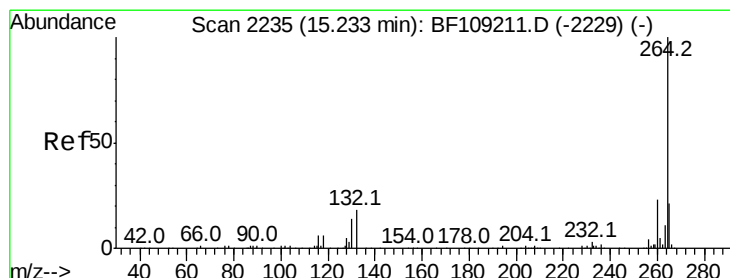
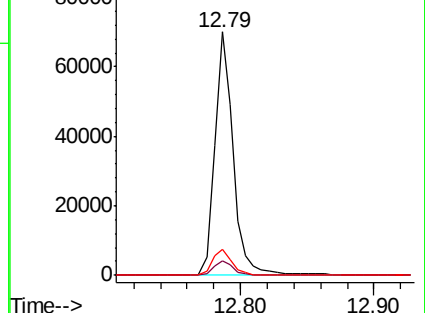
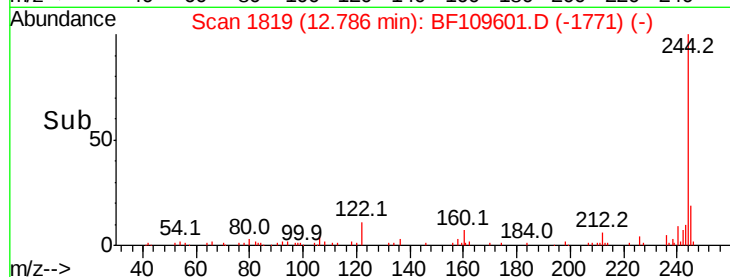
122 10.8 11.0 16.4#



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: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109601.D

Acq: 4 Oct 2018 21:36

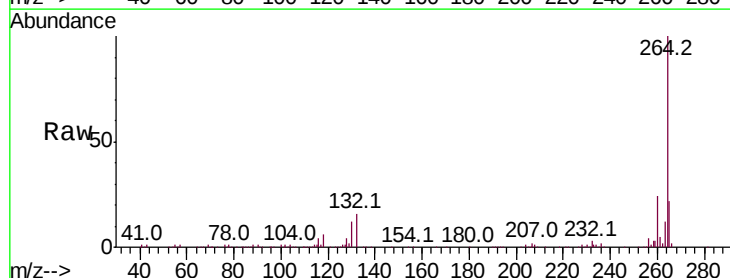
Tgt Ion:264 Resp: 225516

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 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

