

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 01:31:55 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

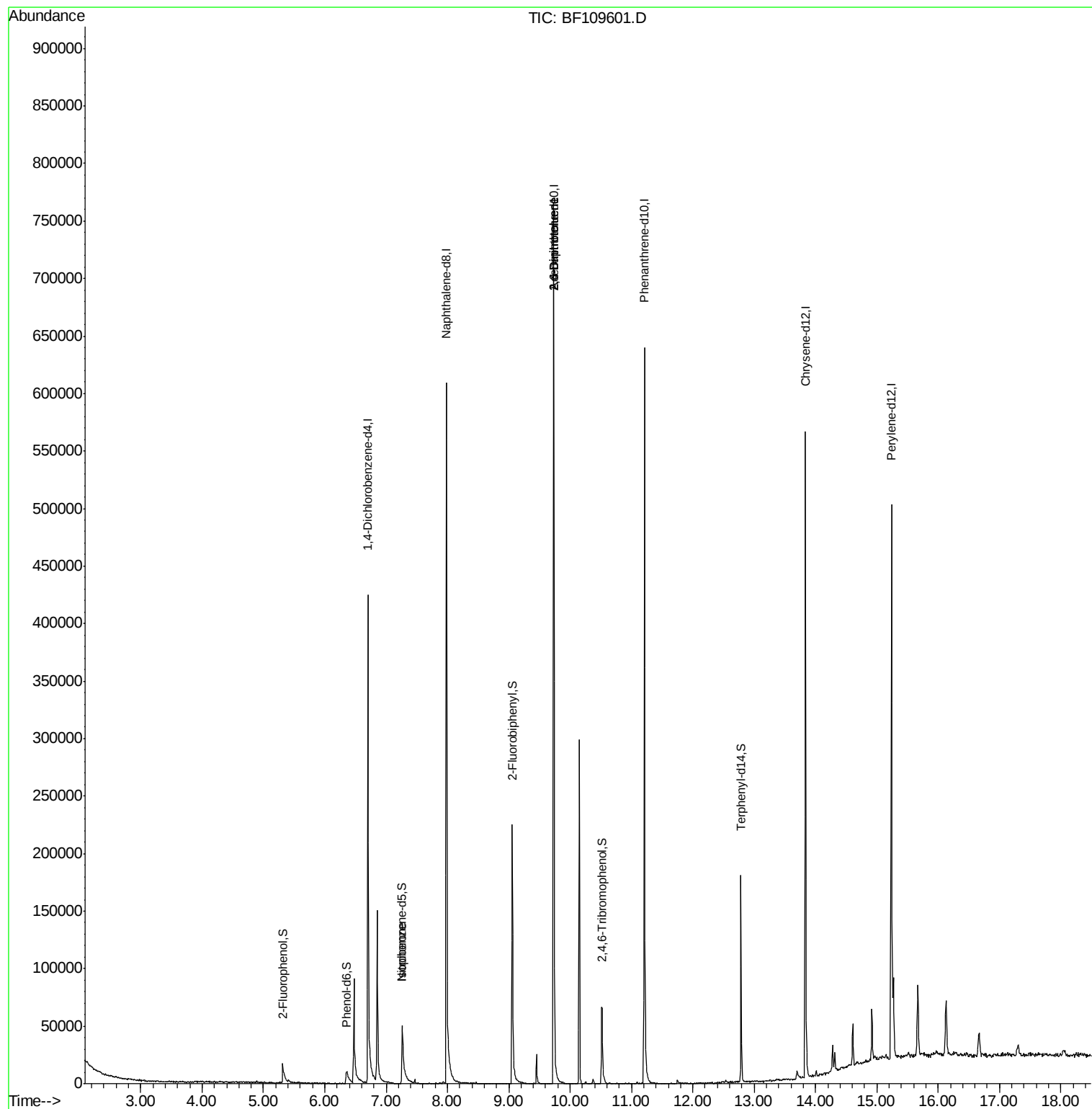
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	86340	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	361311	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	162872	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	264062	20.00	ng	0.00
75) Chrysene-d12	13.83	240	215831	20.00	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						
25) Isophorone	7.26	82	46203	4.192	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	20050	8.546	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	20050	6.754	ng	# 23

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

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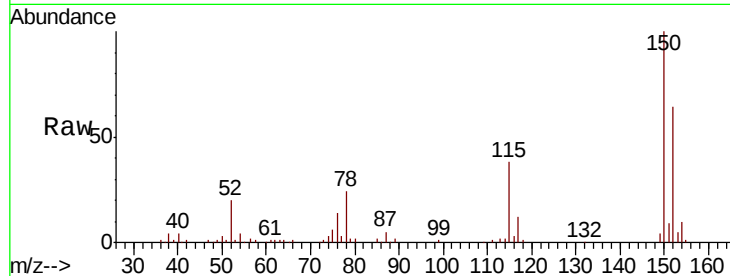




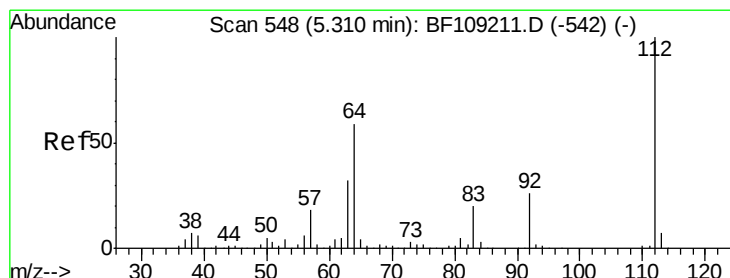
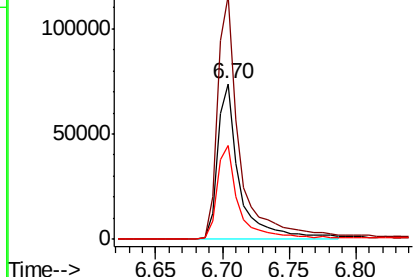
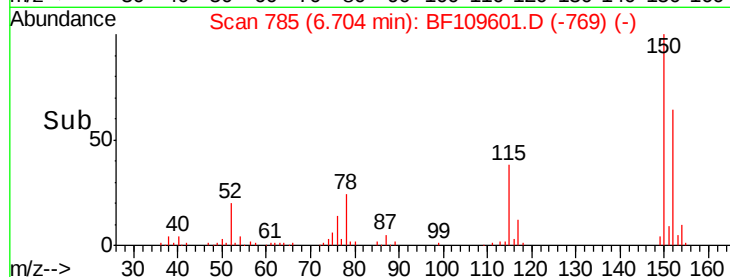
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109601.D
 Acq: 4 Oct 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

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

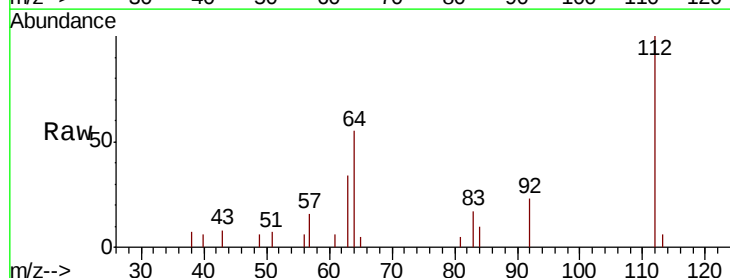


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

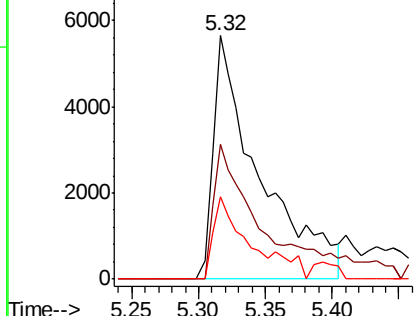
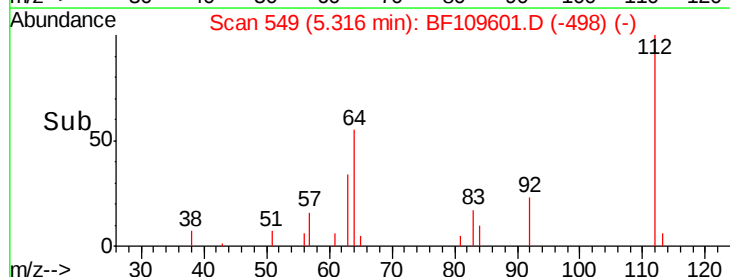


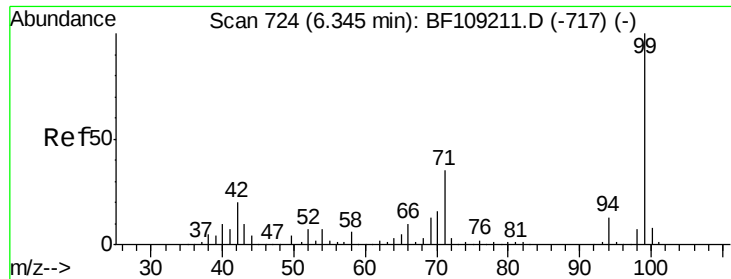
#5
 2-Fluorophenol
 Concen: 2.610 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109601.D
 Acq: 4 Oct 2018 21:36

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

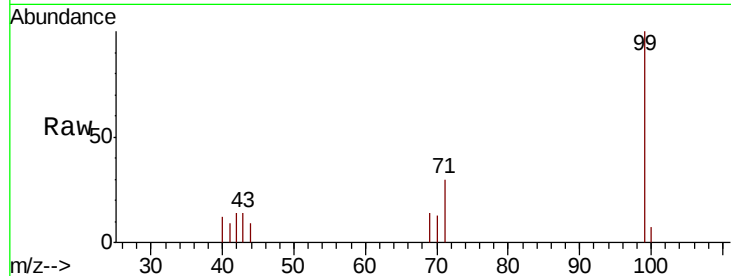
Tgt Ion: 99 Resp: 15162

Ion Ratio Lower Upper

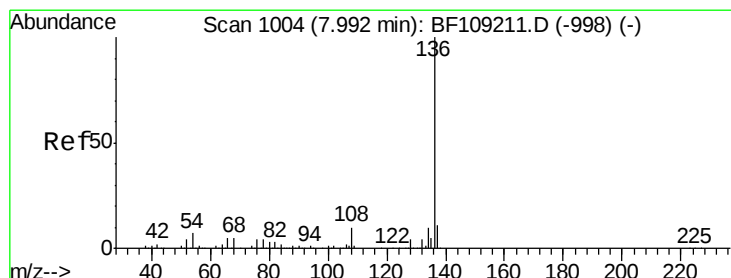
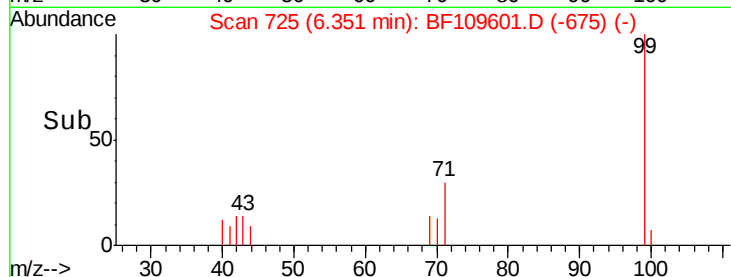
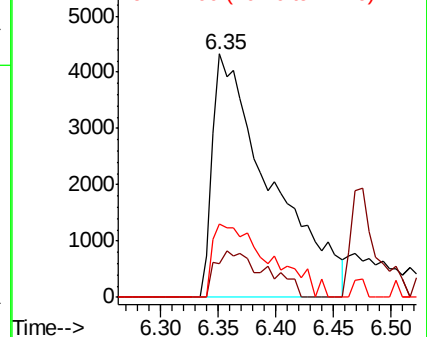
99 100

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

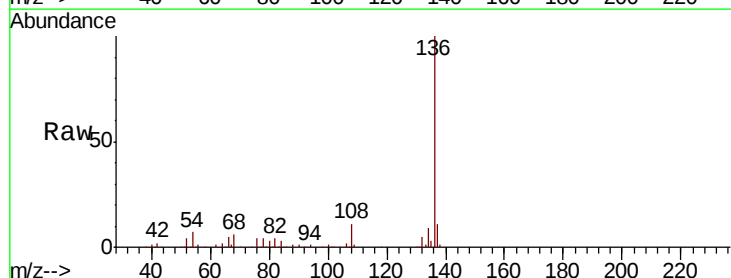
Ion Ratio Lower Upper

136 100

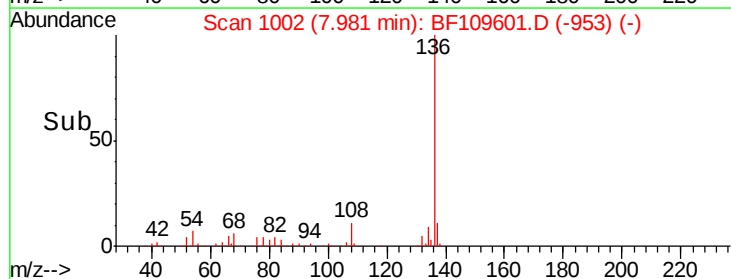
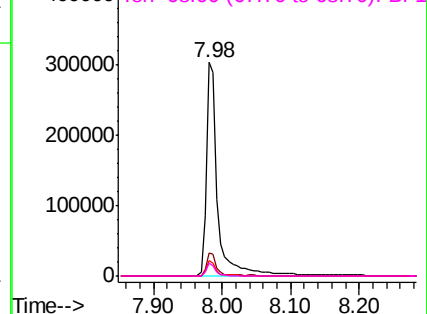
137 11.1 8.9 13.3

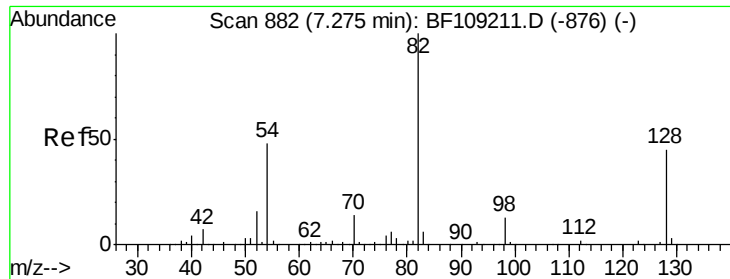
54 7.3 6.6 9.8

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

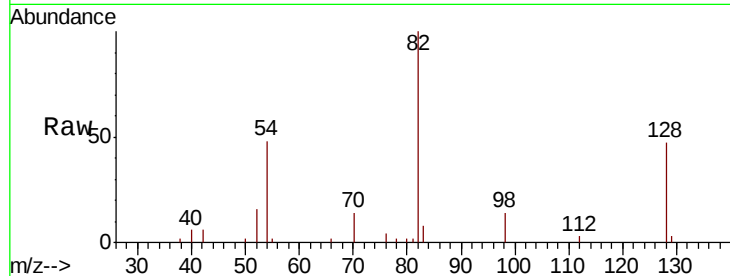




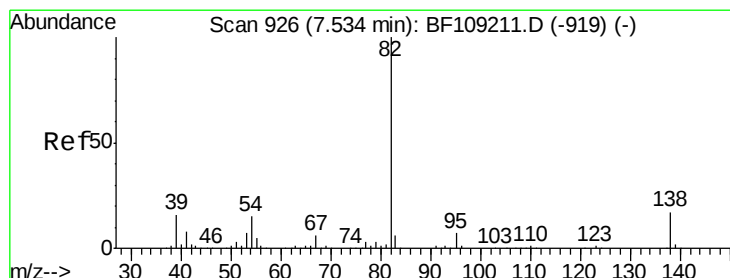
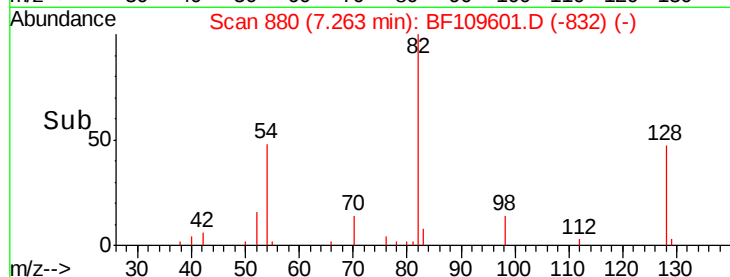
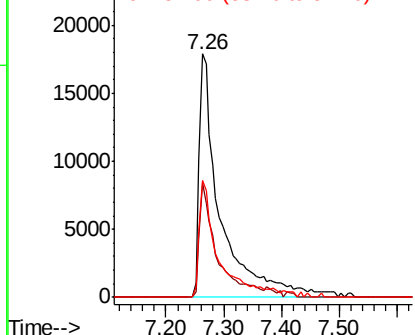
#23
 Nitrobenzene-d5
 Concen: 7.549 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109601.D
 Acq: 4 Oct 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

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

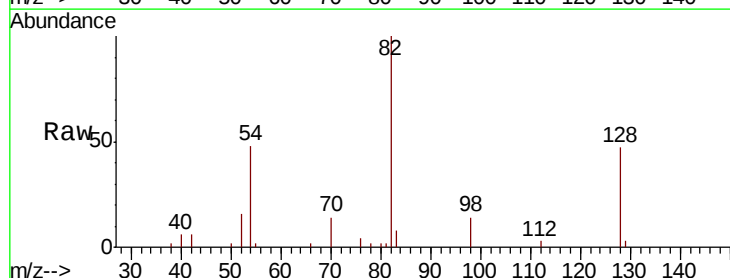


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

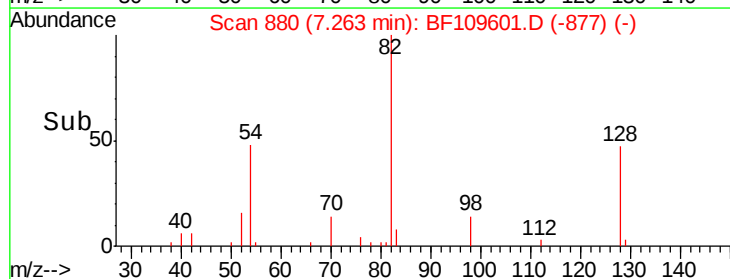
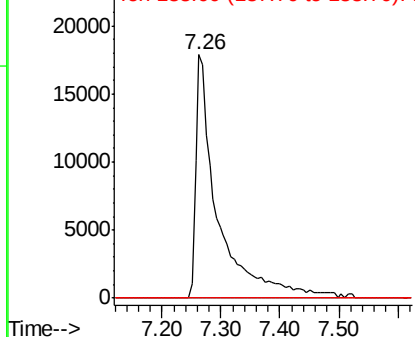


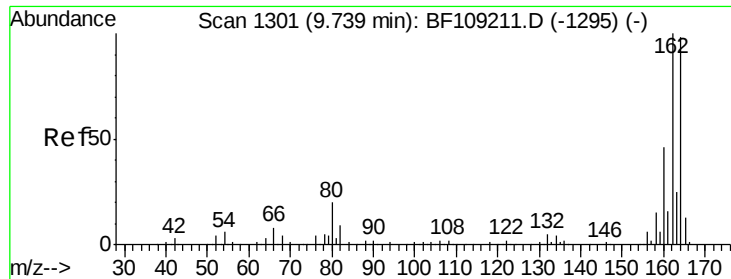
#25
 Isophorone
 Concen: 4.192 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109601.D
 Acq: 4 Oct 2018 21:36

Tgt Ion: 82 Resp: 46203
 Ion Ratio Lower Upper
 82 100
 95 0.0 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

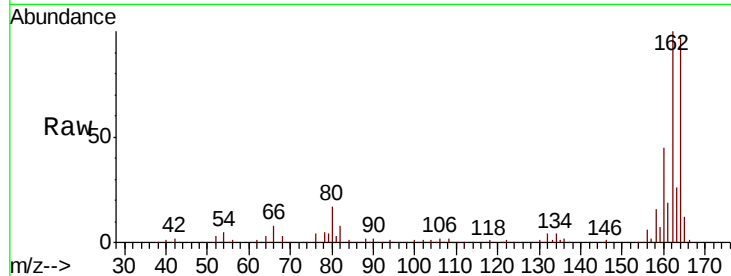




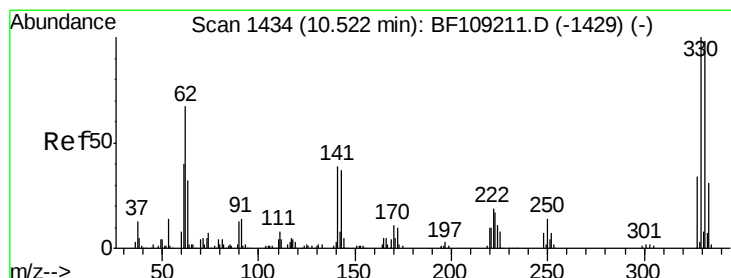
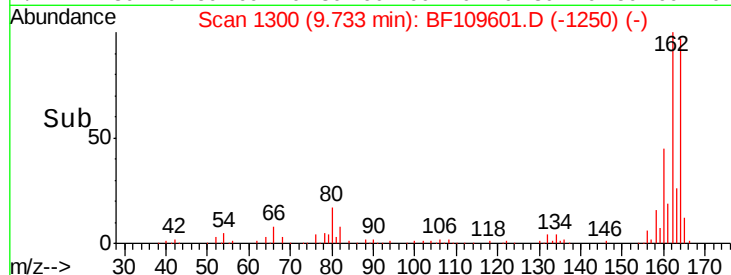
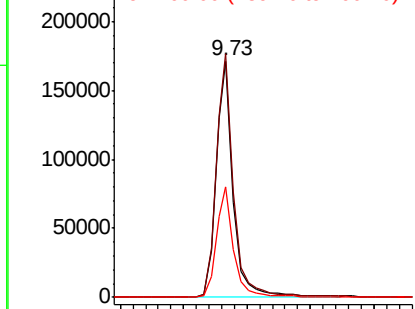
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109601.D
 Acq: 4 Oct 2018 21:36

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

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

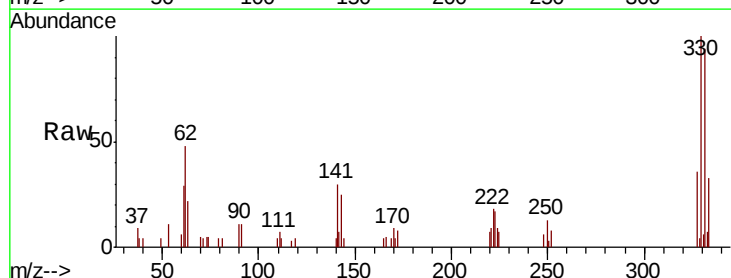


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

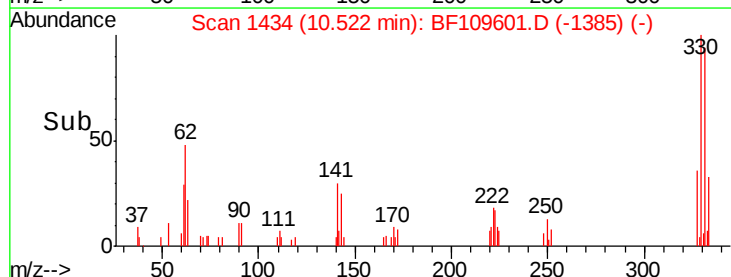
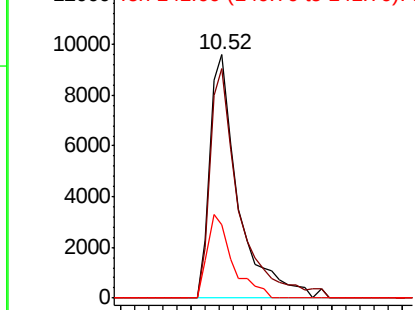


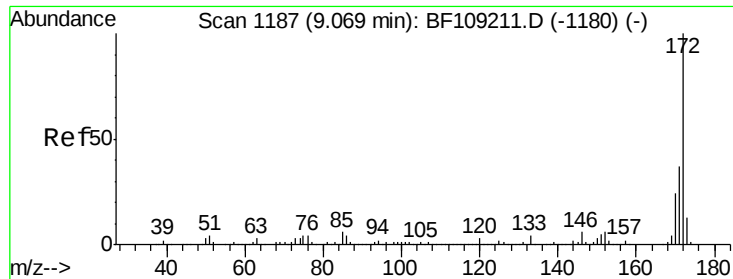
#41
 2,4,6-Tribromophenol
 Concen: 8.453 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109601.D
 Acq: 4 Oct 2018 21:36

Tgt 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

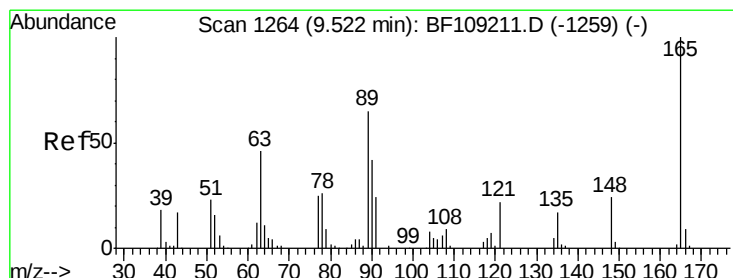
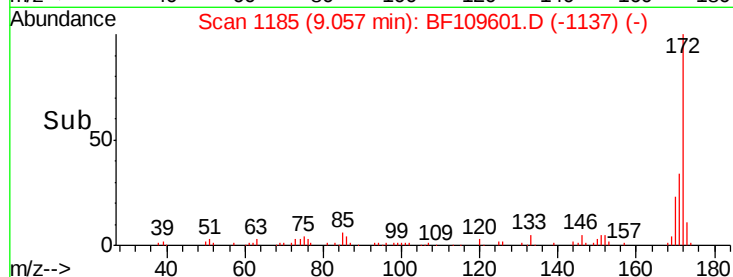
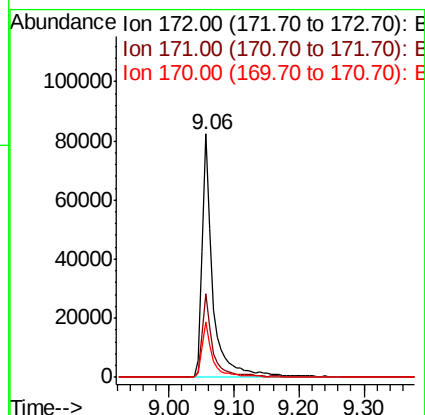
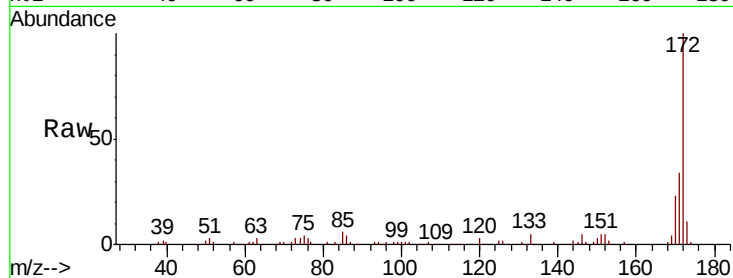




#44
 2-Fluorobiphenyl
 Concen: 8.848 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109601.D
 Acq: 4 Oct 2018 21:36

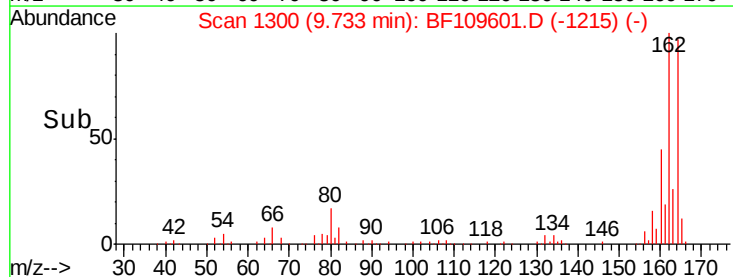
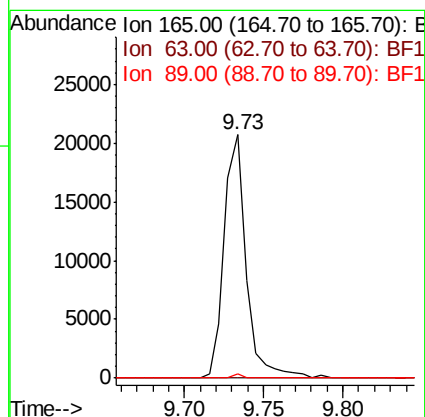
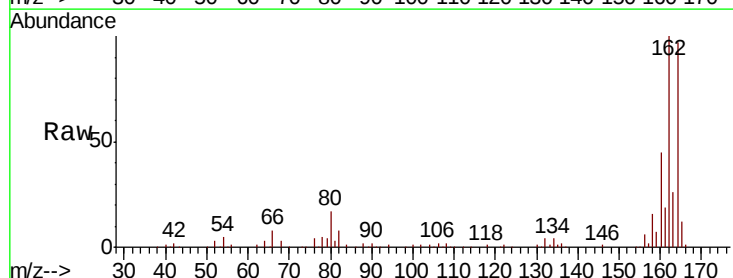
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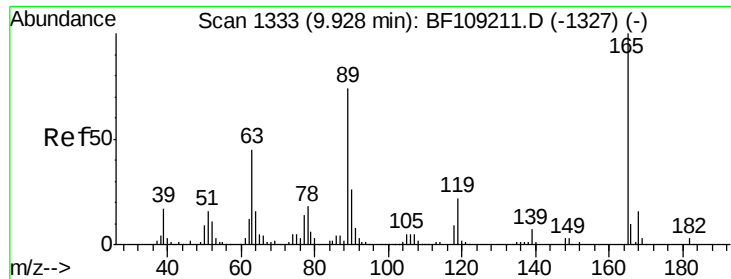
Tgt Ion:172 Resp: 95553
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 22.9 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.546 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109601.D
 Acq: 4 Oct 2018 21:36

Tgt Ion:165 Resp: 20050
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.7 44.0 66.0#

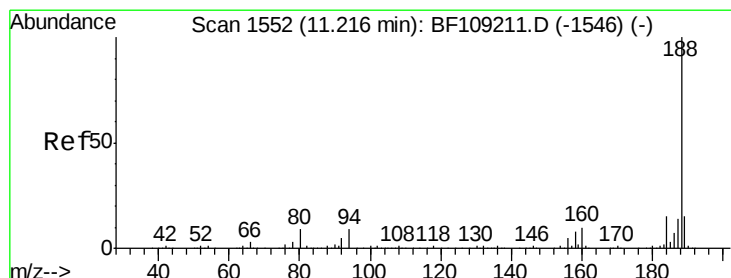
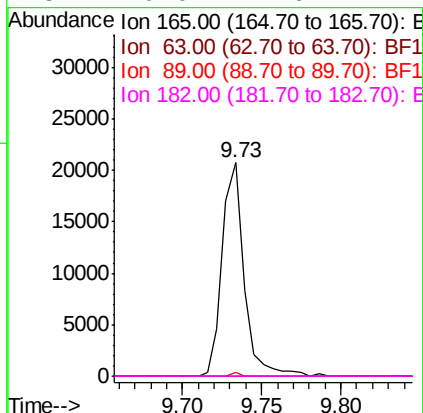
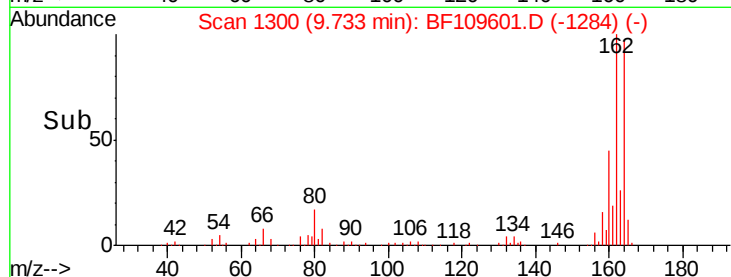
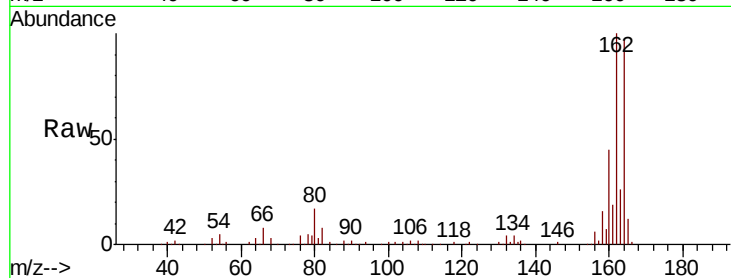




#56
 2,4-Dinitrotoluene
 Concen: 6.754 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109601.D
 Acq: 4 Oct 2018 21:36

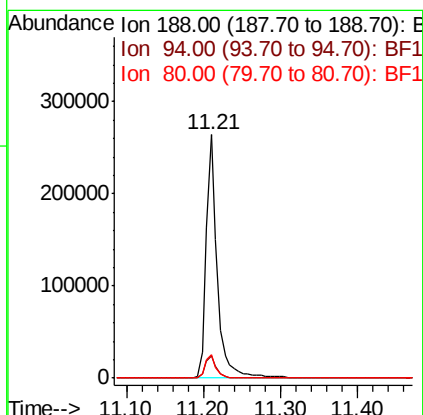
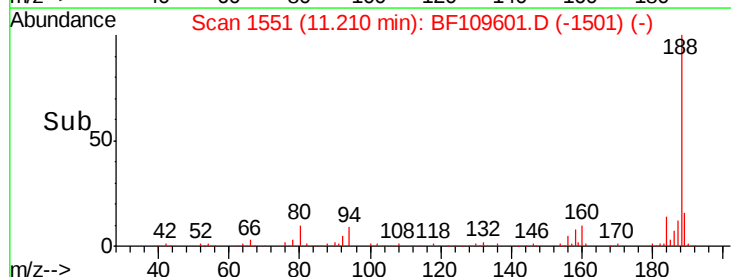
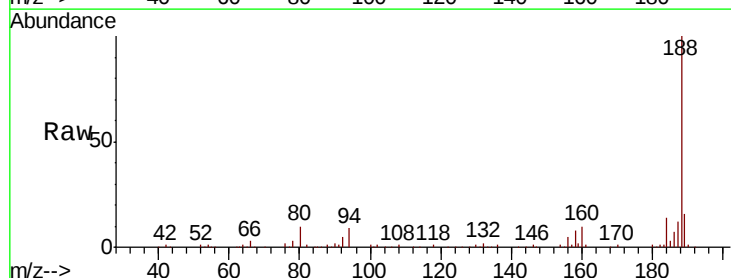
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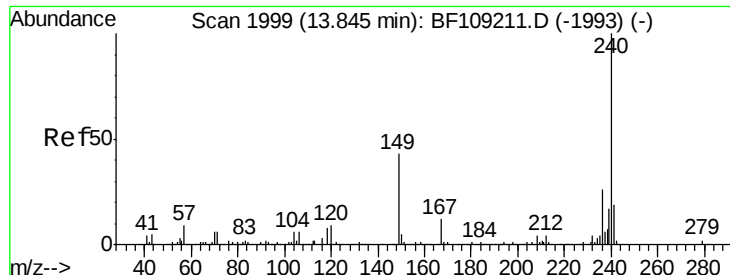
Tgt Ion:	165	Resp:	20050
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#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

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

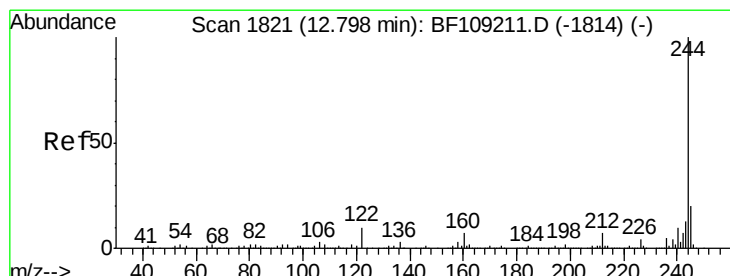
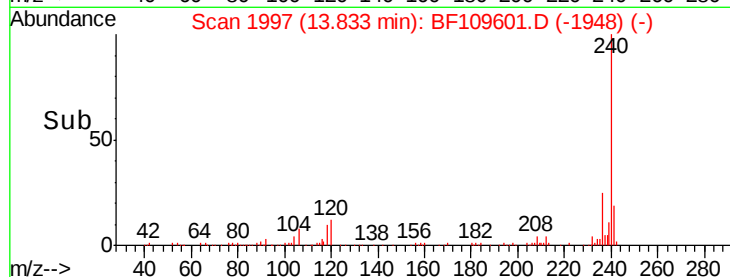
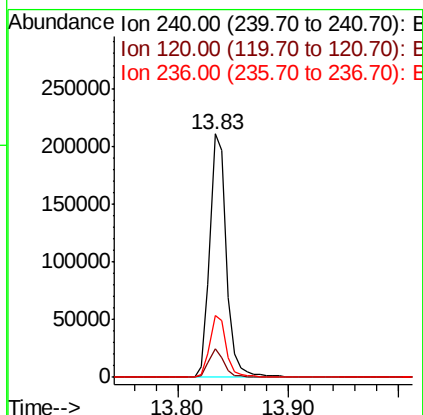
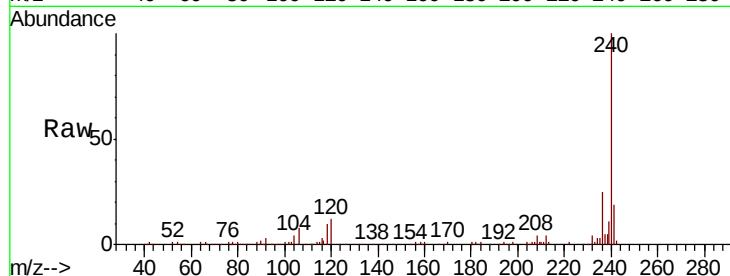




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109601.D
Acq: 4 Oct 2018 21:36

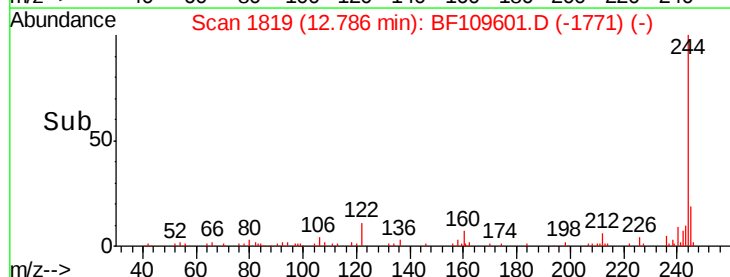
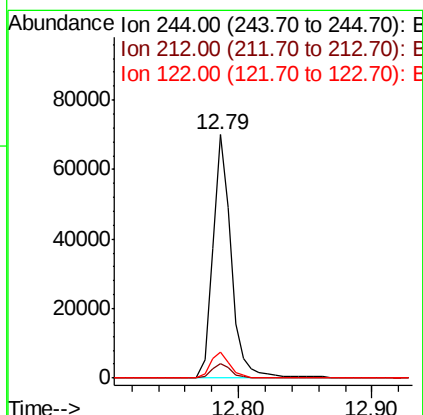
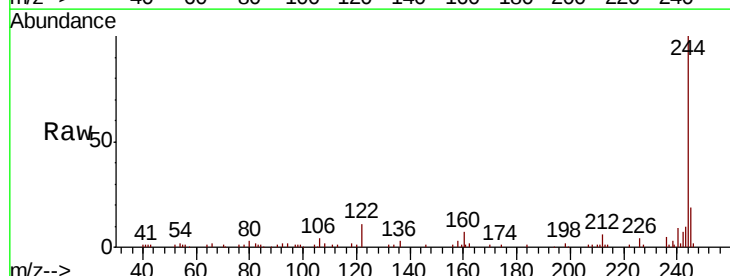
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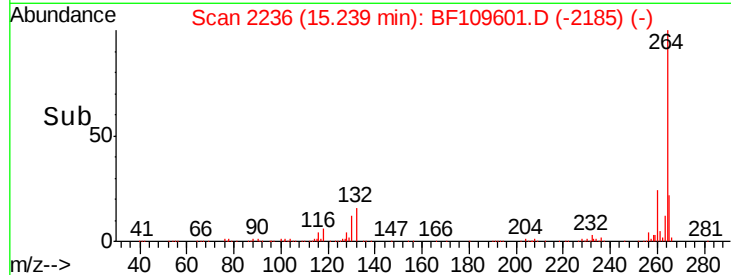
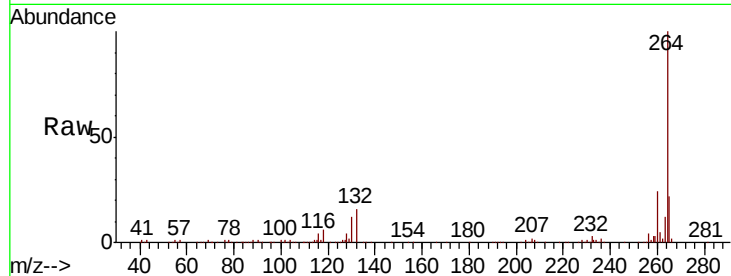
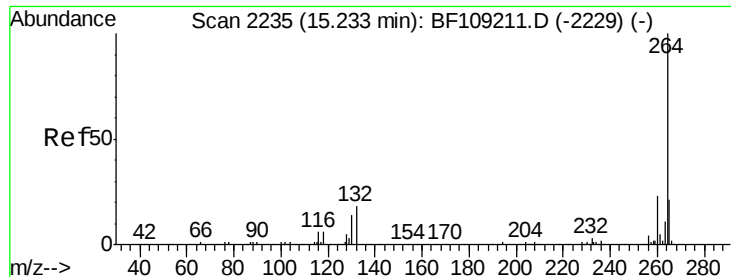
Tgt Ion:240 Resp: 215831
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.2 20.7 31.1



#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

Tgt Ion:244 Resp: 67802
Ion Ratio Lower Upper
244 100
212 5.8 5.4 8.0
122 10.8 11.0 16.4#





#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

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

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

