

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109222.D
 Acq On : 22 Sep 2018 15:41
 Operator : JU/SJ
 Sample : J4982-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Sep 24 07:13:47 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

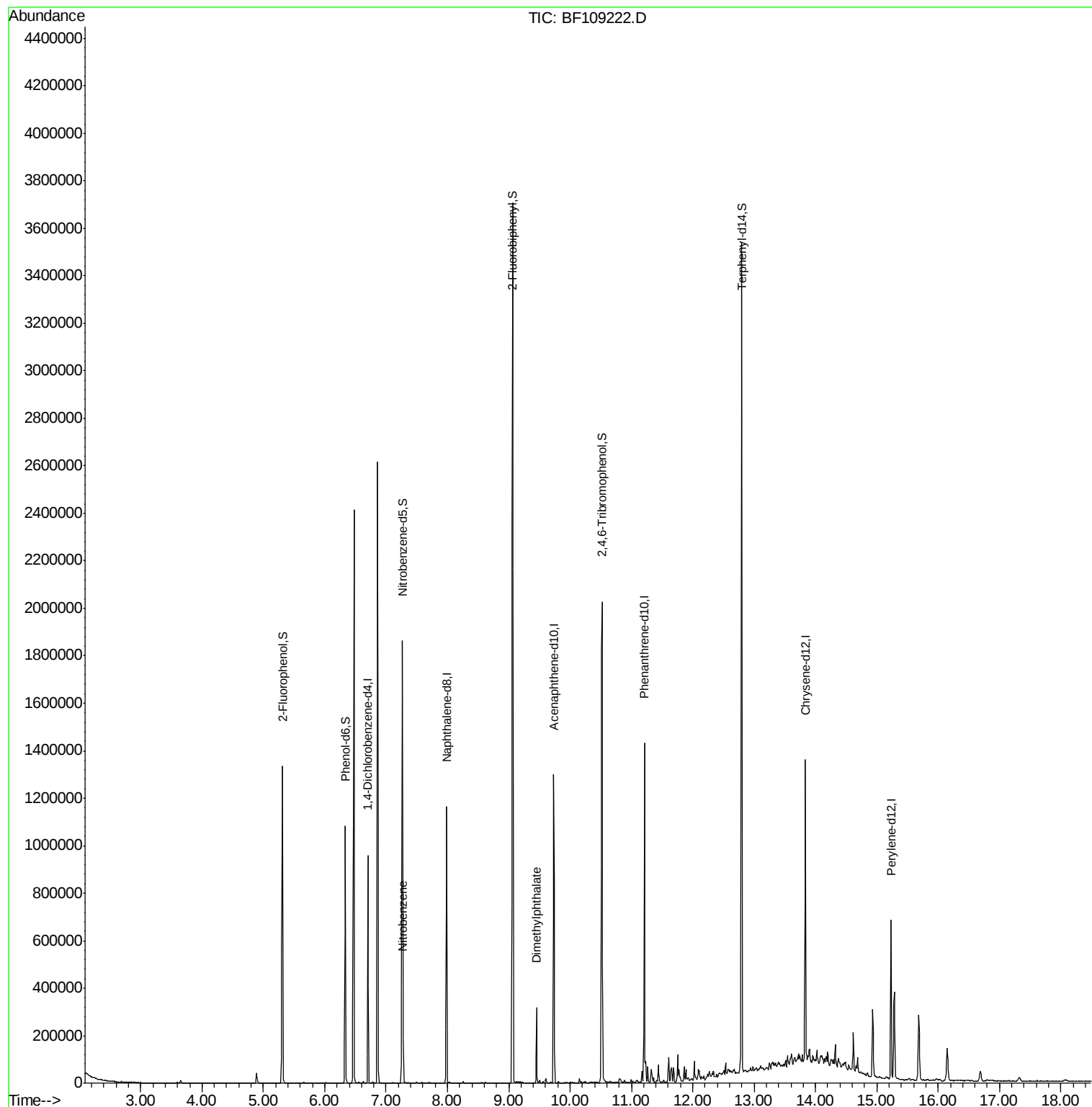
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	123842	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	478379	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	233579	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	469529	20.00	ng	0.00
75) Chrysene-d12	13.83	240	385311	20.00	ng	-0.01
86) Perylene-d12	15.23	264	293105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	368509	49.01	ng	0.00
7) Phenol-d6	6.33	99	296317	30.88	ng	-0.02
23) Nitrobenzene-d5	7.27	82	638070	78.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	252067	109.47	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1124391	72.60	ng	-0.01
78) Terphenyl-d14	12.80	244	1247440	79.45	ng	0.00
Target Compounds						
24) Nitrobenzene	7.28	77	39833	4.623	ng	94
49) Dimethylphthalate	9.45	163	108226	6.370	ng	100

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

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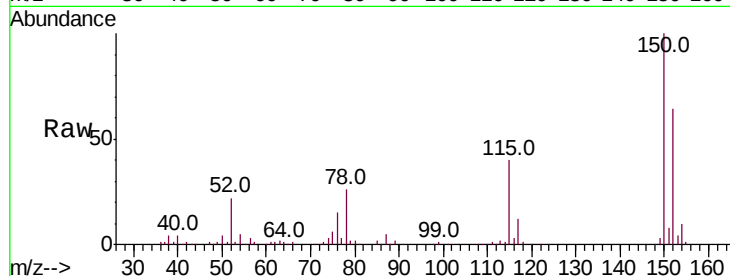


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109222.D
 Acq: 22 Sep 2018 15:41

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	62.3	50.1	75.1

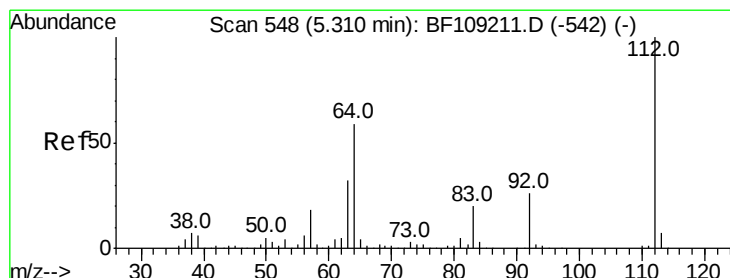
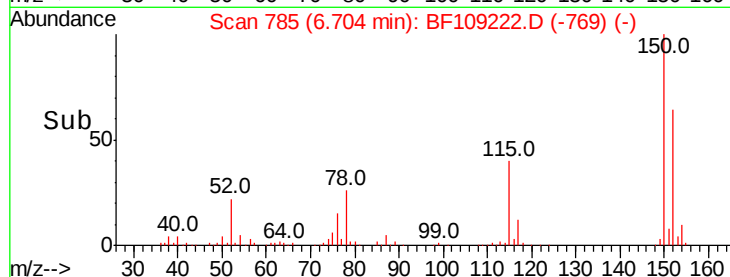
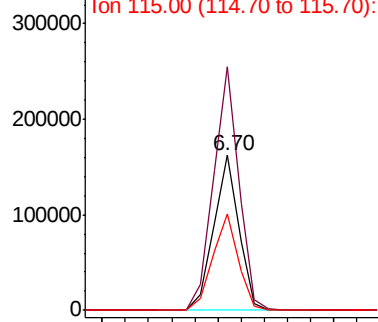


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

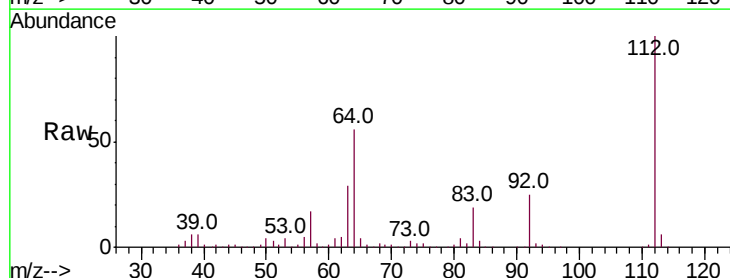
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 49.011 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109222.D
 Acq: 22 Sep 2018 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	29.3	23.7	35.5

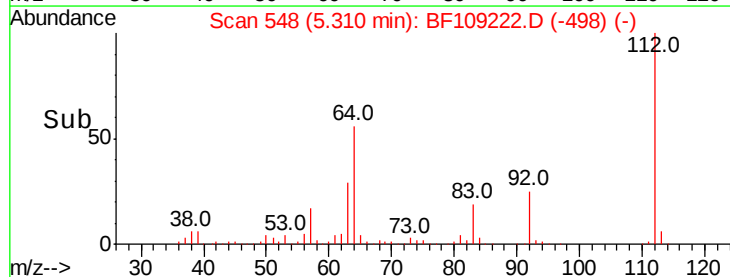
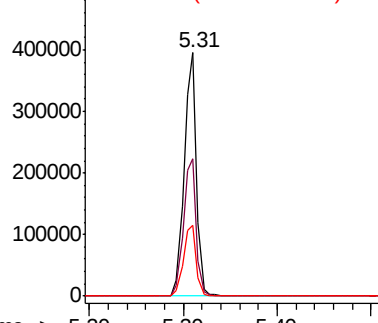


Abundance

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: 30.884 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF109222.D

Acq: 22 Sep 2018 15:41

Instrument :

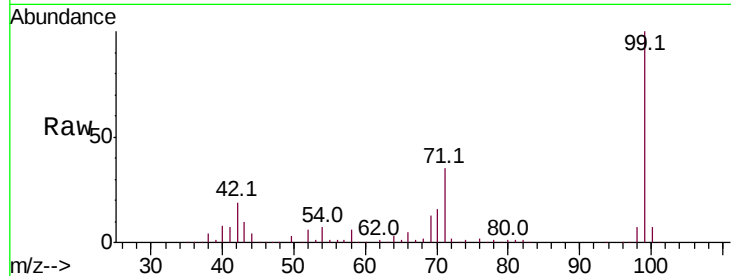
BNA_F

ClientSampleId :

OILY-WATER

Tot Ion: 99 Resp: 296317

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	34.8	25.4	38.0

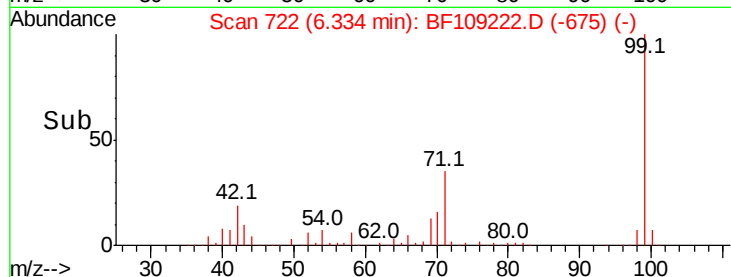
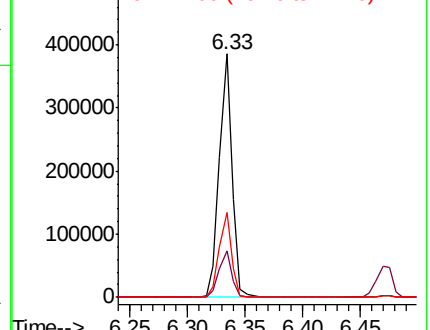


Abundance

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: 7.99 min Scan# 1003

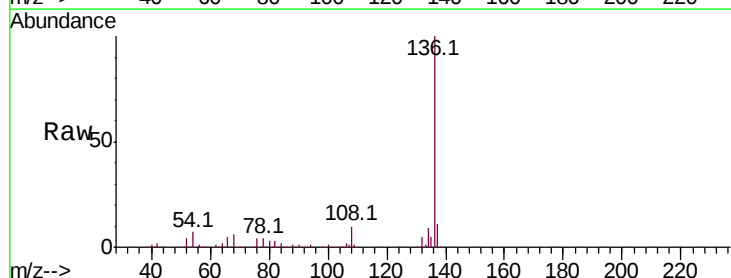
Delta R.T. -0.01 min

Lab File: BF109222.D

Acq: 22 Sep 2018 15:41

Tgt Ion: 136 Resp: 478379

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	6.6	9.8
68	5.6	5.0	7.4



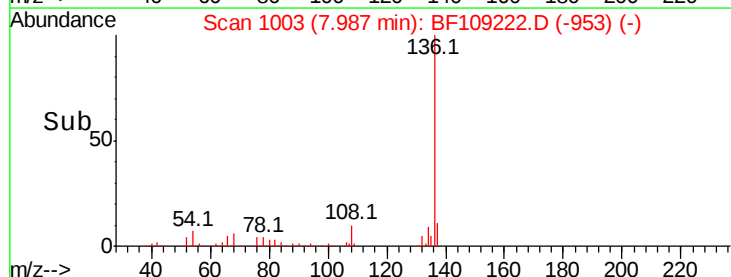
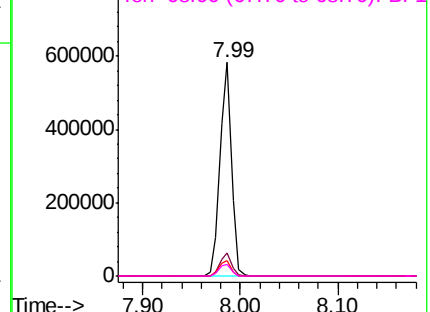
Abundance

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

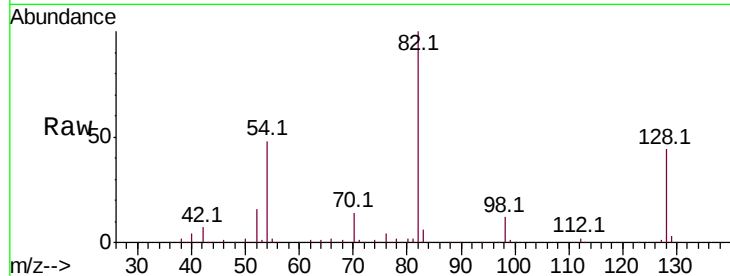




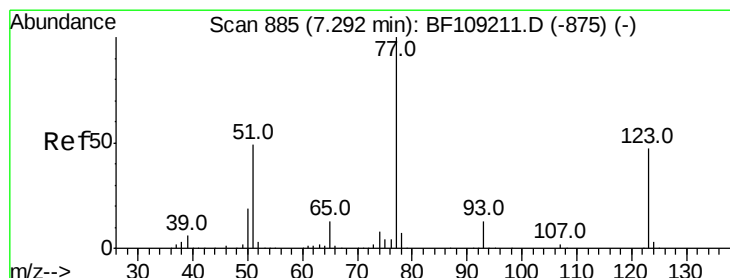
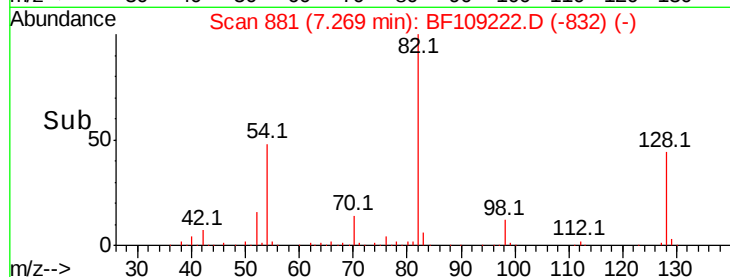
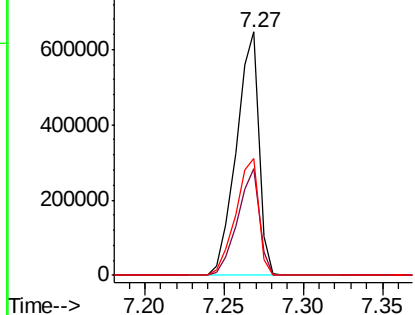
#23
 Nitrobenzene-d5
 Concen: 78.737 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109222.D
 Acq: 22 Sep 2018 15:41

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion	82	Resp	638070
Ion Ratio	Lower	Upper	
82	100		
128	43.7	36.1	54.1
54	48.1	41.4	62.2

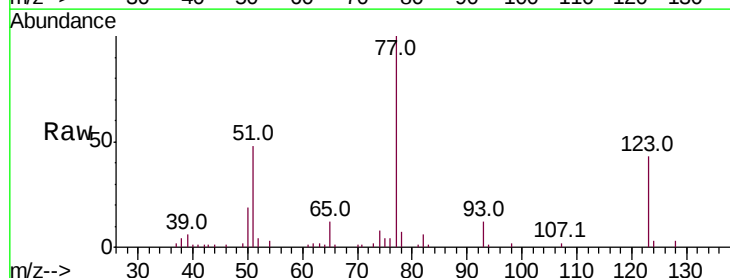


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

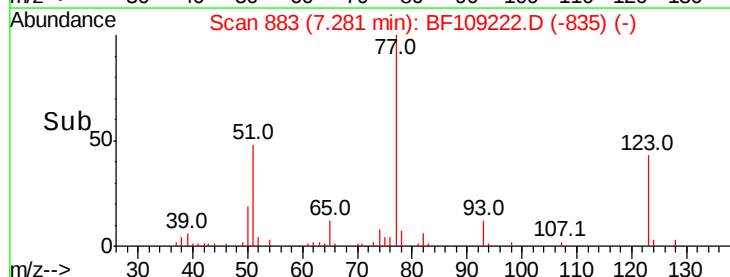
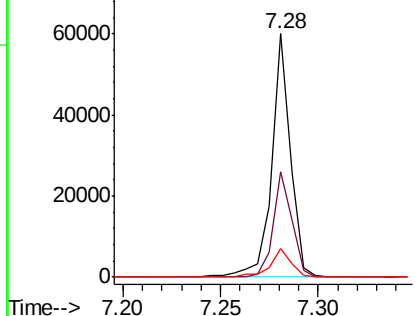


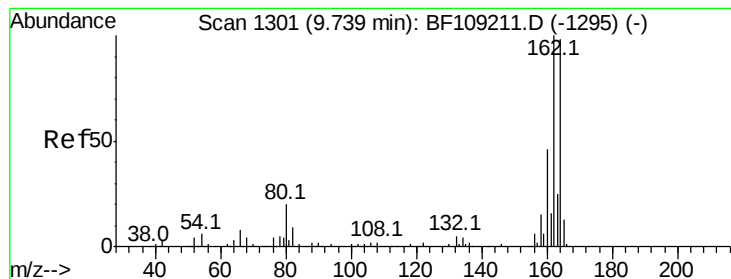
#24
 Nitrobenzene
 Concen: 4.623 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF109222.D
 Acq: 22 Sep 2018 15:41

Tgt Ion	77	Resp	39833
Ion Ratio	Lower	Upper	
77	100		
123	43.1	37.9	56.9
65	11.6	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109222.D

Acq: 22 Sep 2018 15:41

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

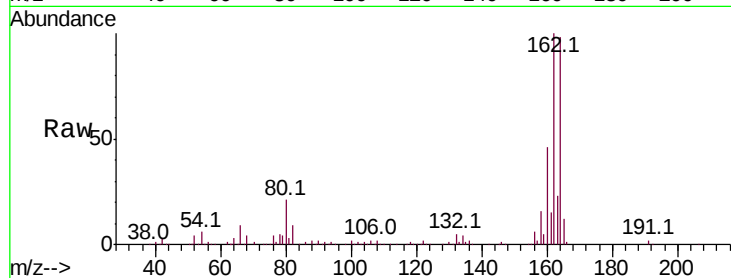
Tot Ion:164 Resp: 233579

Ion Ratio Lower Upper

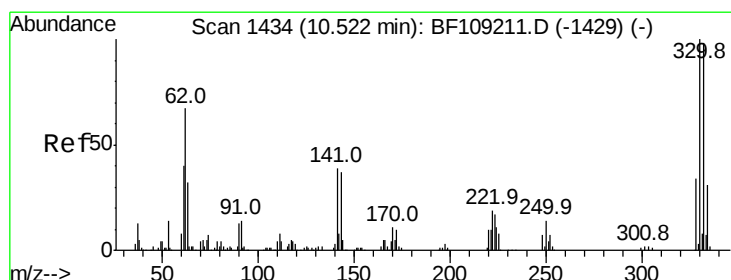
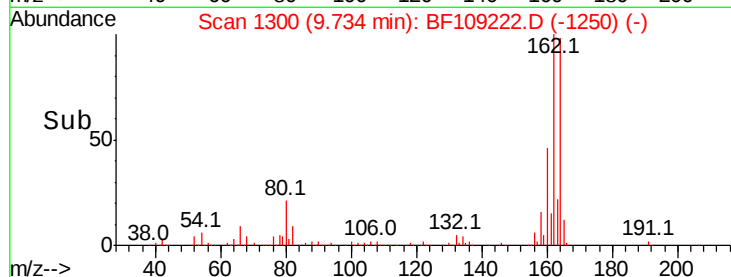
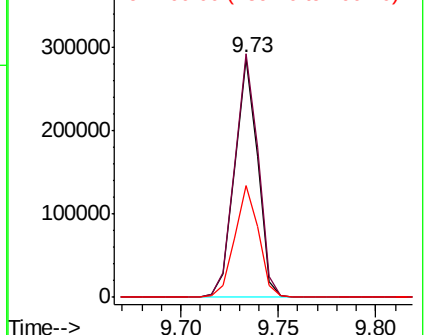
164 100

162 101.8 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: 109.470 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109222.D

Acq: 22 Sep 2018 15:41

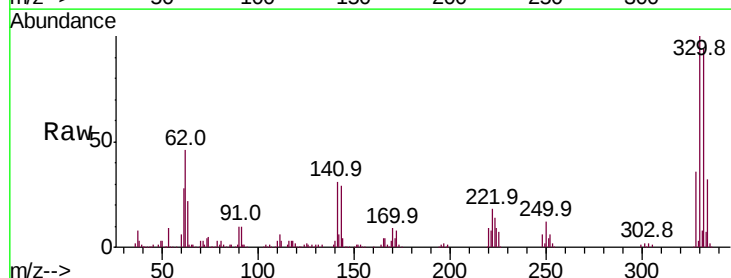
Tgt Ion:330 Resp: 252067

Ion Ratio Lower Upper

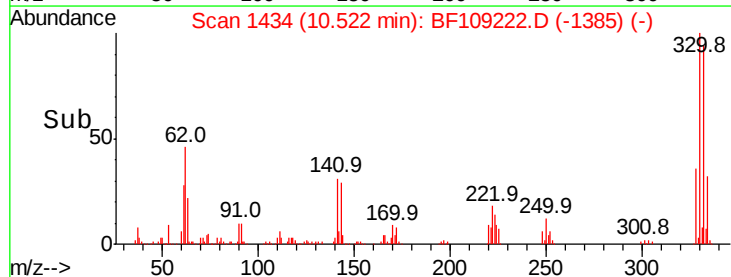
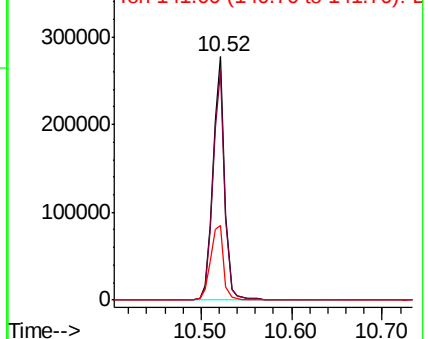
330 100

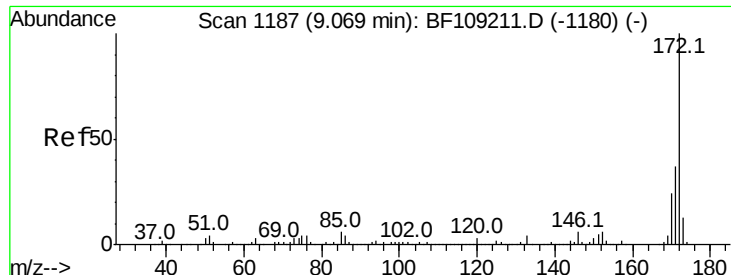
332 94.8 77.0 115.6

141 34.4 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

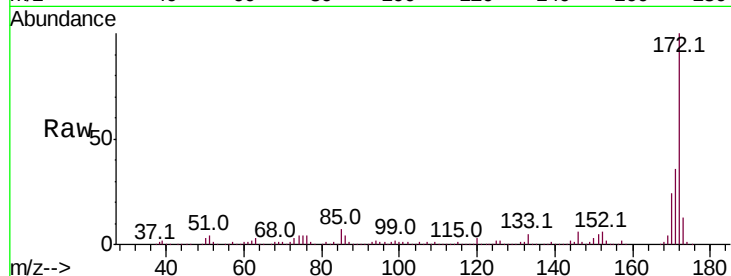




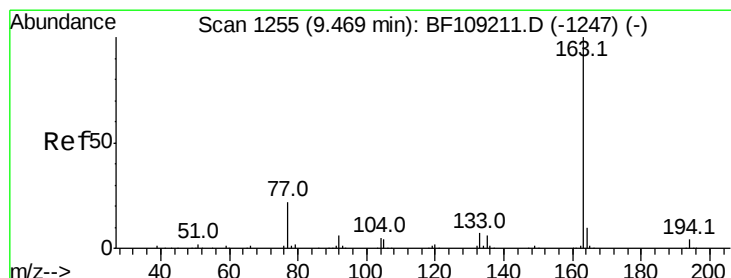
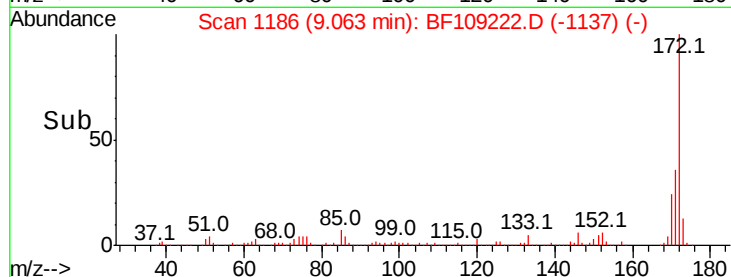
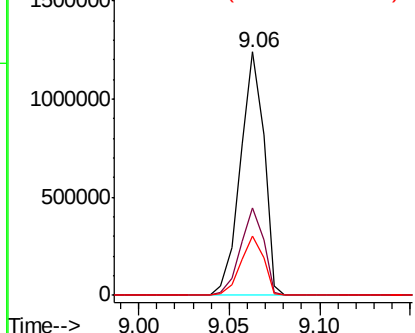
#44
2-Fluorobiphenyl
Concen: 72.601 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109222.D
Acq: 22 Sep 2018 15:41

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:172 Resp: 1124391
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.2 19.6 29.4

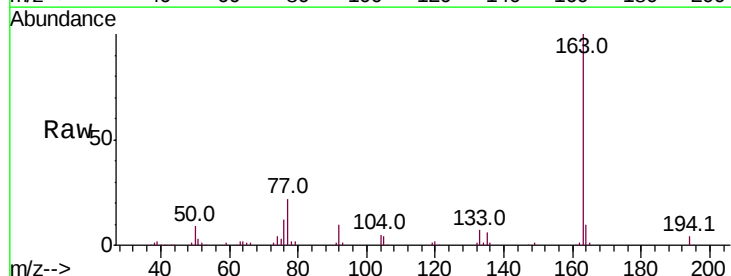


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

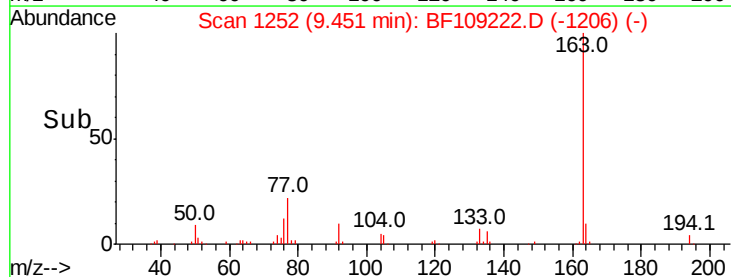
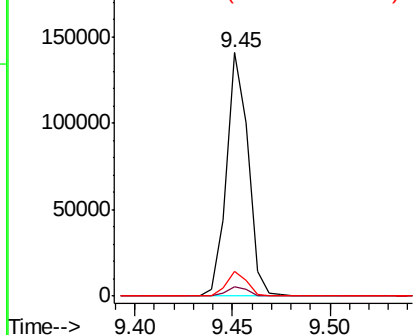


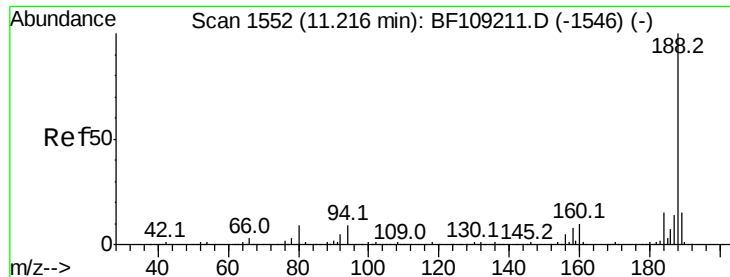
#49
Dimethylphthalate
Concen: 6.370 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109222.D
Acq: 22 Sep 2018 15:41

Tgt Ion:163 Resp: 108226
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 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

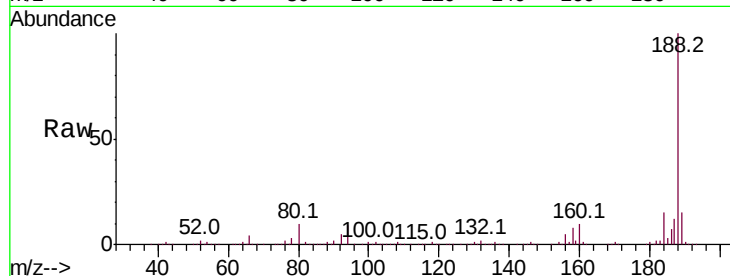




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109222.D
Acq: 22 Sep 2018 15:41

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.3	9.2	13.8

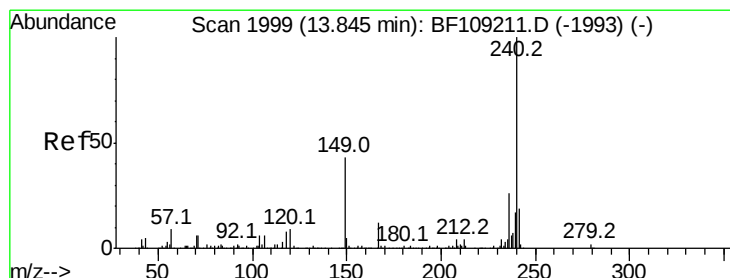
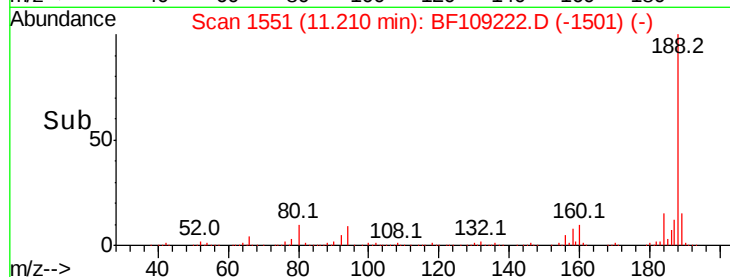
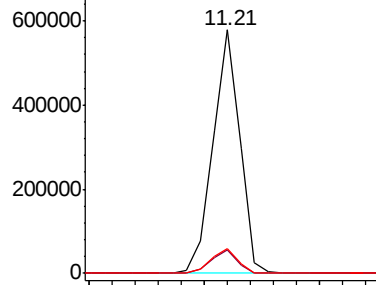


Abundance

Ion 188.00 (187.70 to 188.70): E

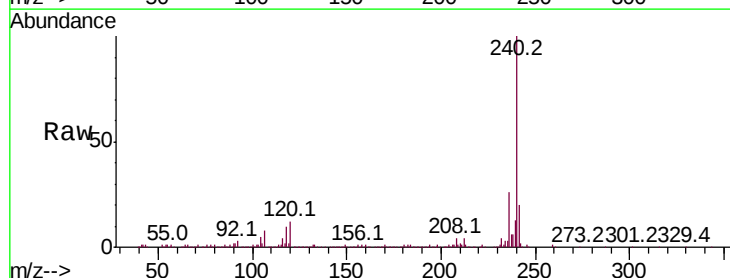
Ion 94.00 (93.70 to 94.70): BF1

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: BF109222.D
Acq: 22 Sep 2018 15:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.9	20.7	31.1

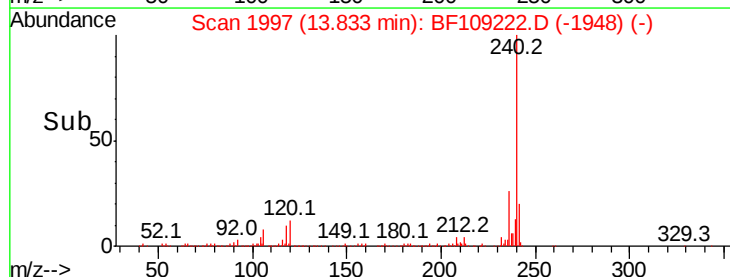
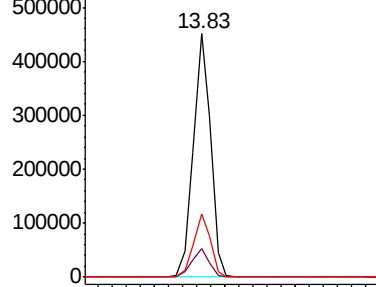


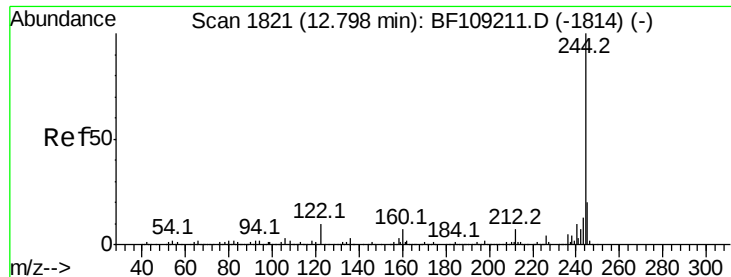
Abundance

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: 79.453 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109222.D

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Instrument :

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OILY-WATER

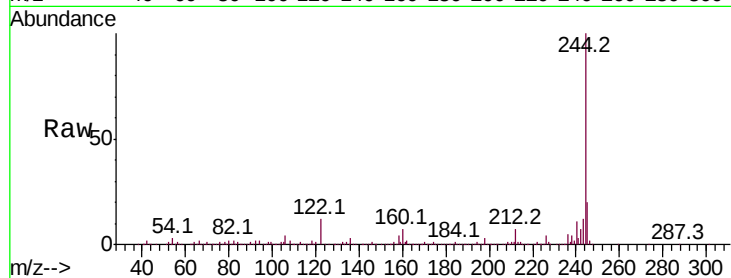
Tot Ion:244 Resp: 1247440

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

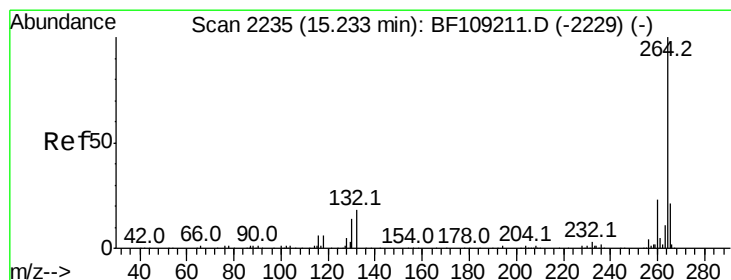
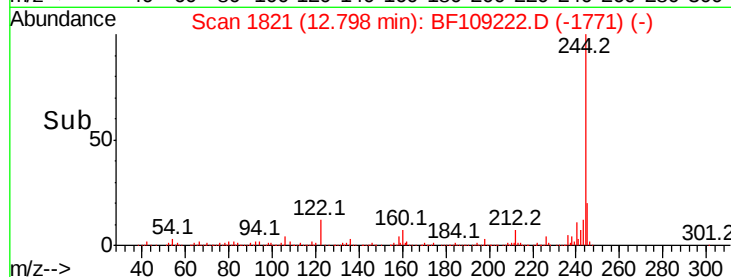
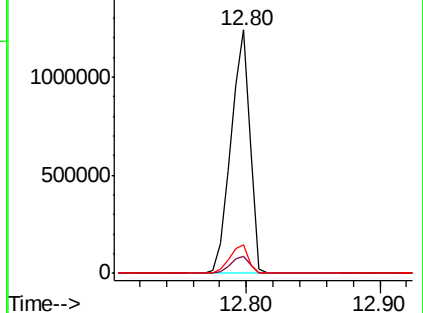
122 11.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF109222.D

Acq: 22 Sep 2018 15:41

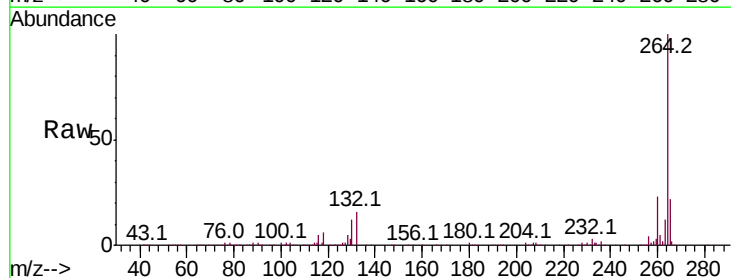
Tgt Ion:264 Resp: 293105

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.0 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

