

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108051.D
 Acq On : 9 Aug 2018 14:40
 Operator : JU/SJ
 Sample : J4374-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Aug 09 18:08:13 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	7.01	152	293537	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1098074	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	470675	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	787849	20.00	ng	0.00
75) Chrysene-d12	14.21	240	678243	20.00	ng	0.00
86) Perylene-d12	15.78	264	599527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	68140	4.20	ng	0.02
7) Phenol-d6	6.65	99	97357	4.52	ng	0.02
23) Nitrobenzene-d5	7.57	82	185649	9.43	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	65548	13.96	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	357467	12.19	ng	0.00
78) Terphenyl-d14	13.15	244	291765	10.94	ng	0.00

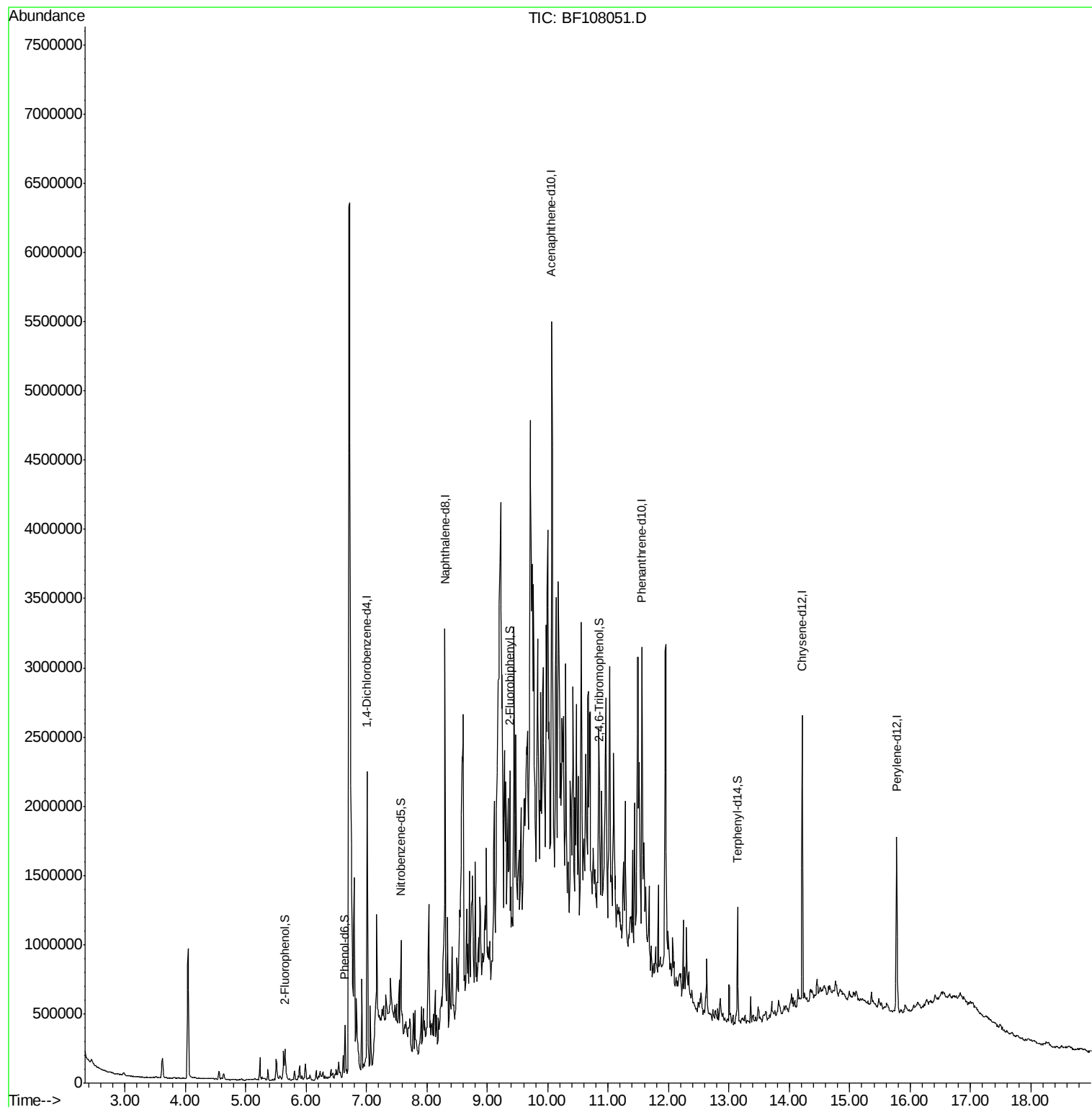
Target Compounds Qvalue

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

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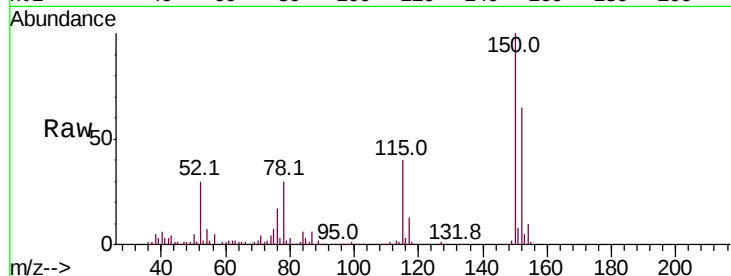


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108051.D
Acq: 9 Aug 2018 14:40

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	60.5	50.1	75.1

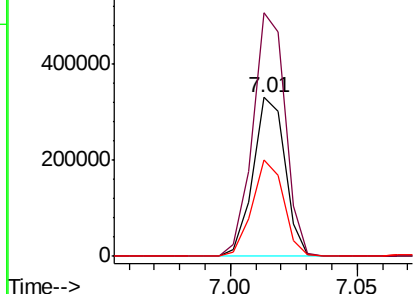
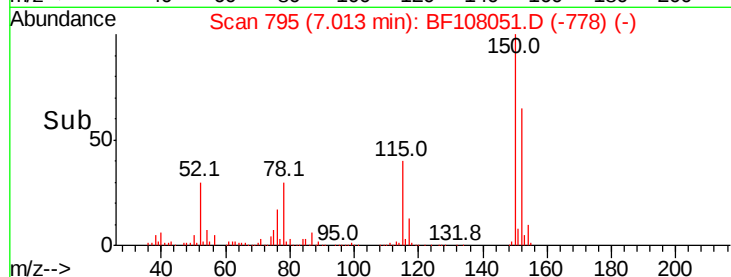


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

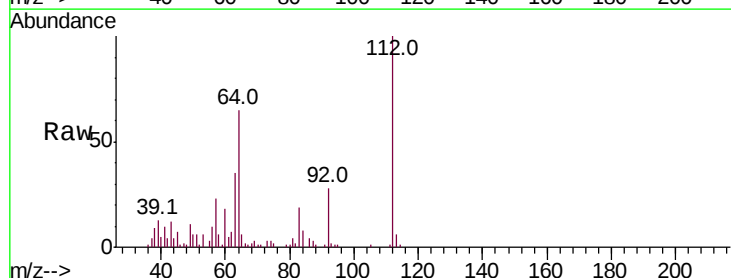
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.203 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108051.D
Acq: 9 Aug 2018 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	34.7	23.7	35.5

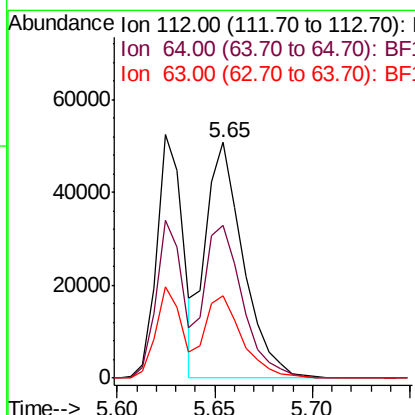
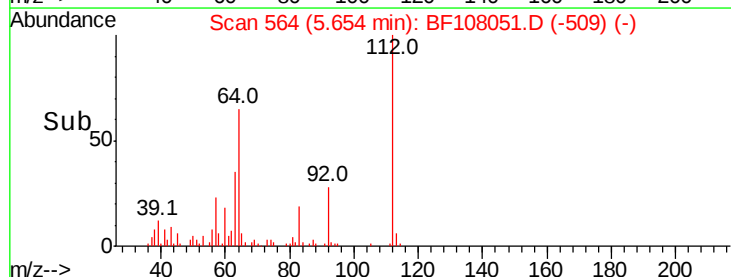


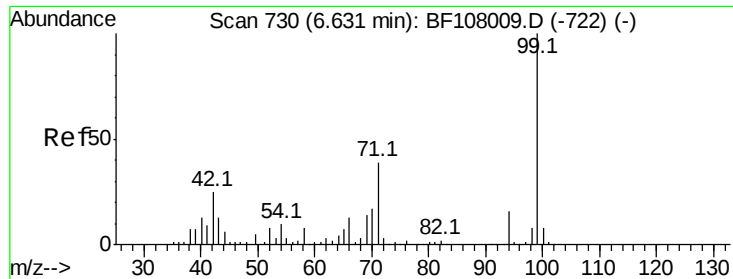
Abundance

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: 4.519 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108051.D

Acq: 9 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

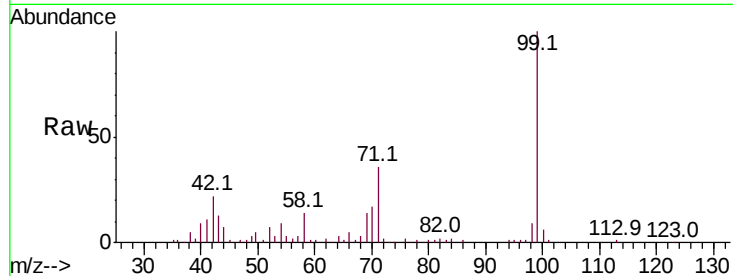
Tot Ion: 99 Resp: 97357

Ion Ratio Lower Upper

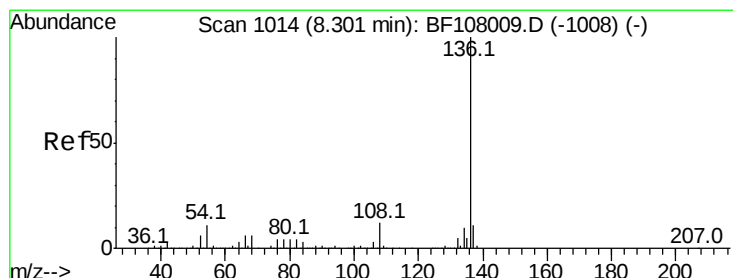
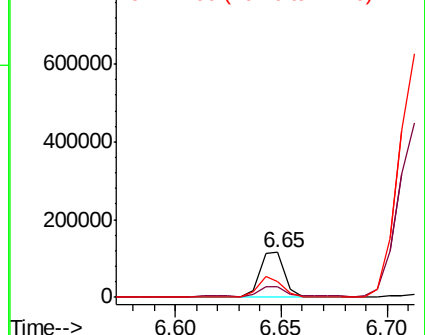
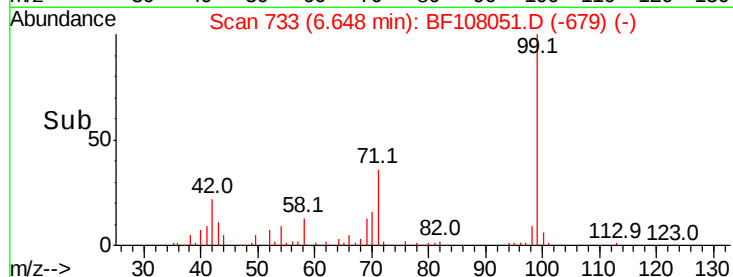
99 100

42 22.3 14.5 21.7#

71 35.9 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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108051.D

Acq: 9 Aug 2018 14:40

Tgt Ion: 136 Resp: 1098074

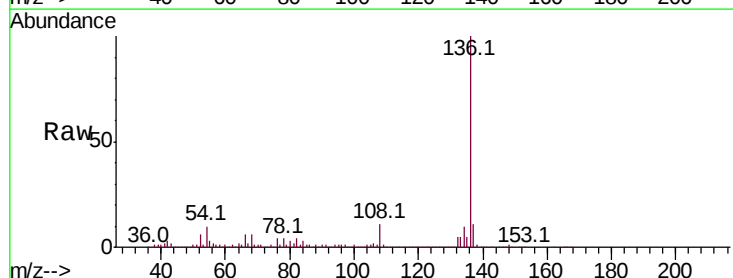
Ion Ratio Lower Upper

136 100

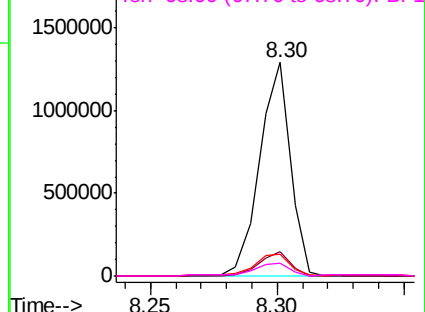
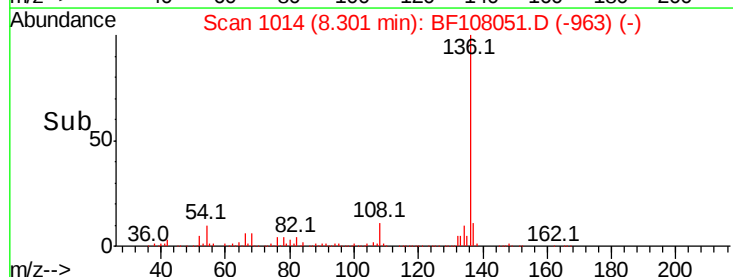
137 11.4 8.9 13.3

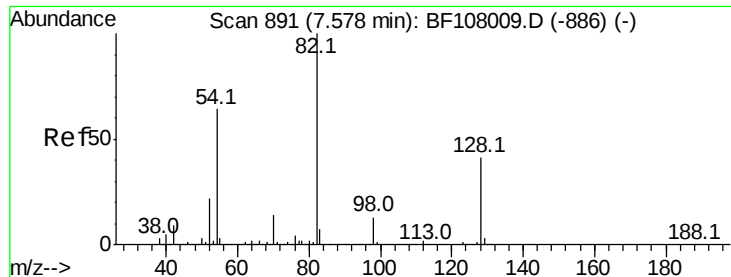
54 10.4 6.6 9.8#

68 6.2 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

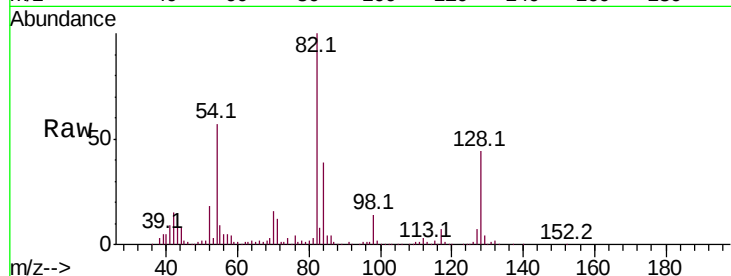




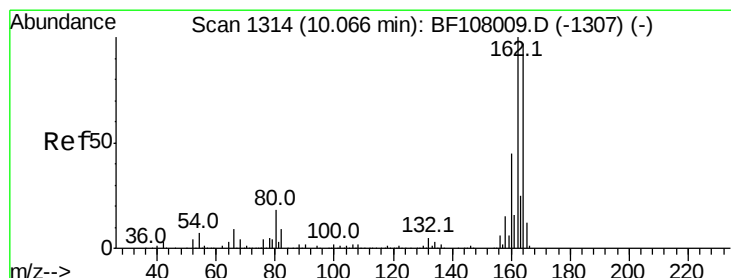
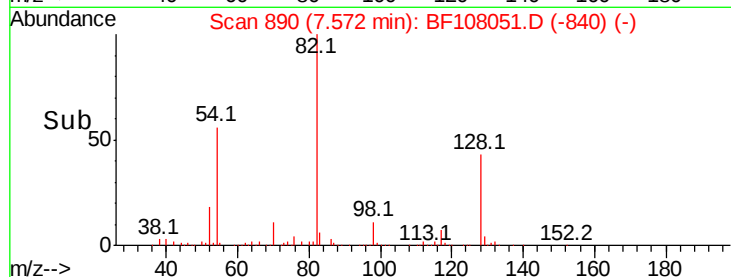
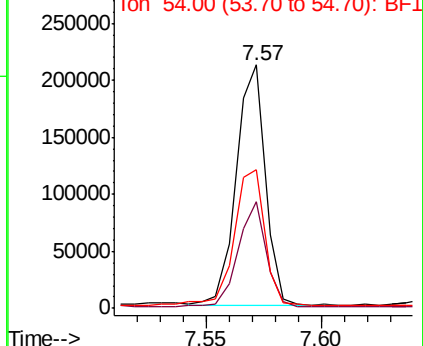
#23
 Nitrobenzene-d5
 Concen: 9.434 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108051.D
 Acq: 9 Aug 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion: 82 Resp: 185649
 Ion Ratio Lower Upper
 82 100
 128 43.7 36.1 54.1
 54 57.2 41.4 62.2

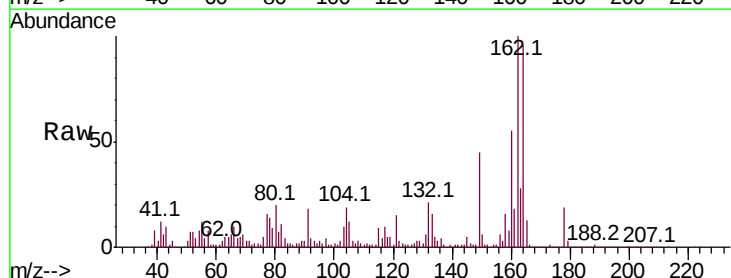


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

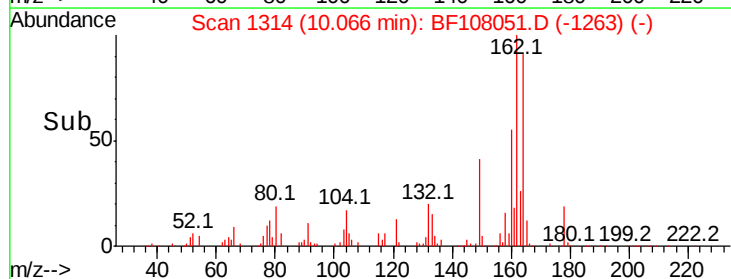
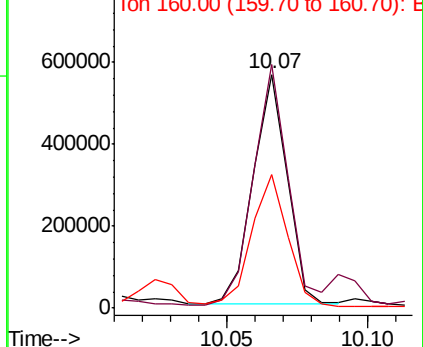


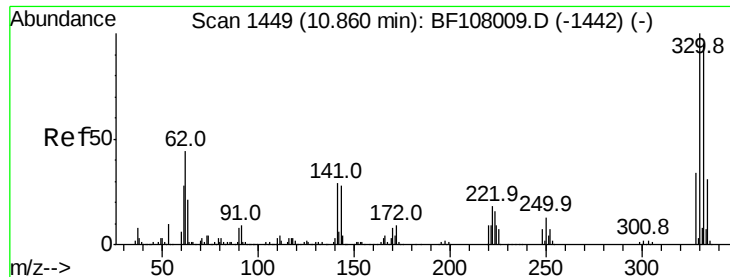
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108051.D
 Acq: 9 Aug 2018 14:40

Tgt Ion:164 Resp: 470675
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 57.1 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

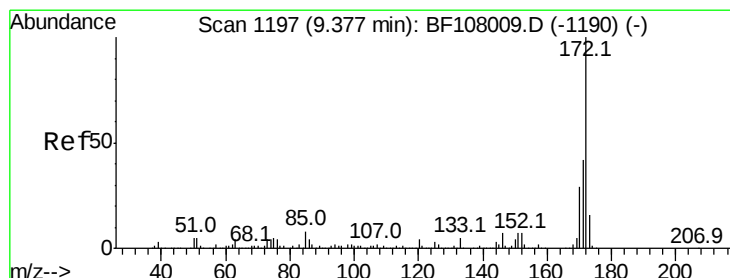
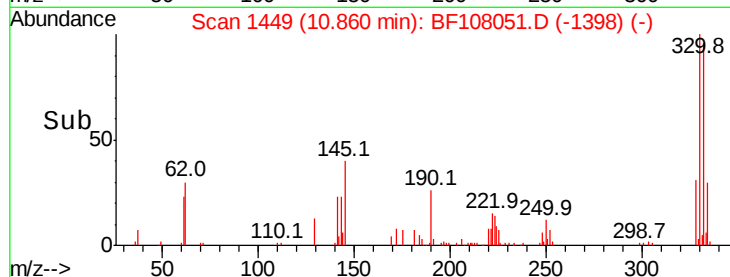
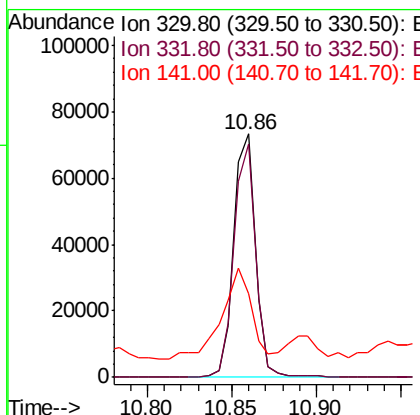
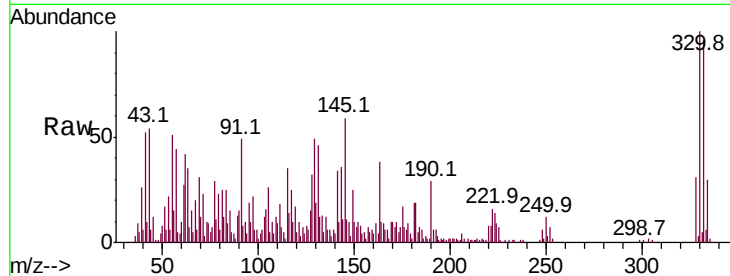




#41
 2,4,6-Tribromophenol
 Concen: 13.962 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108051.D
 Acq: 9 Aug 2018 14:40

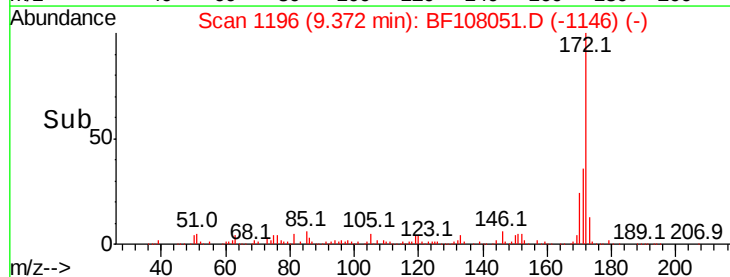
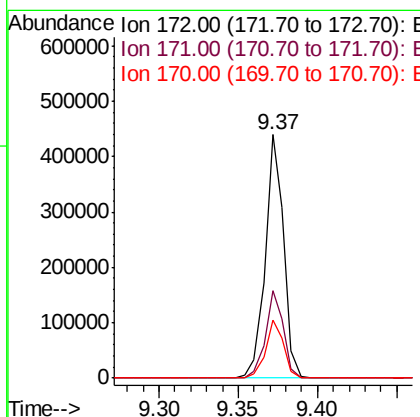
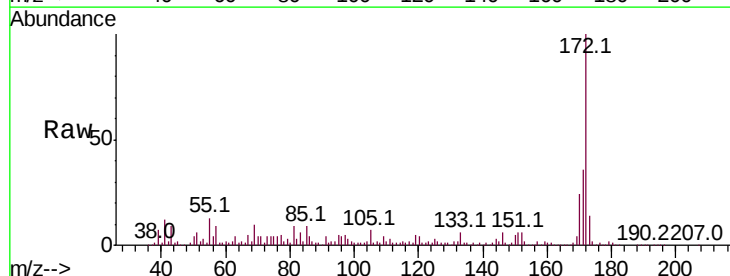
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

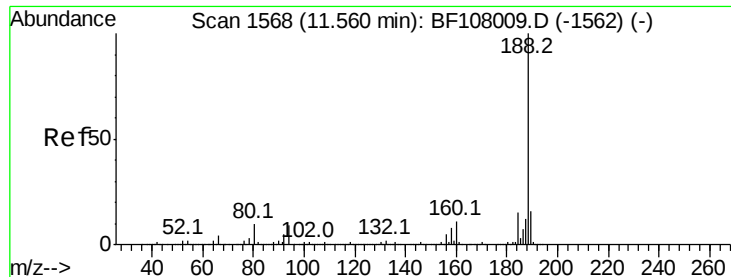
Tot Ion:330 Resp: 65548
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 51.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 12.193 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108051.D
 Acq: 9 Aug 2018 14:40

Tgt Ion:172 Resp: 357467
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108051.D

Acq: 9 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

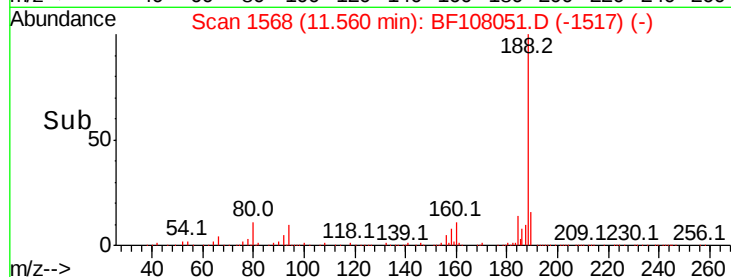
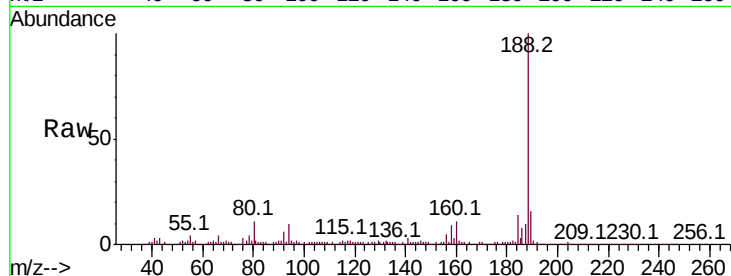
Tot Ion:188 Resp: 787849

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

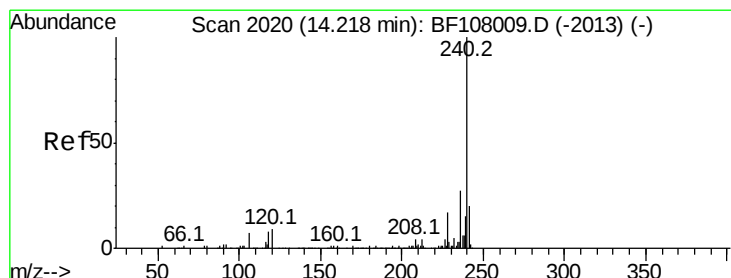
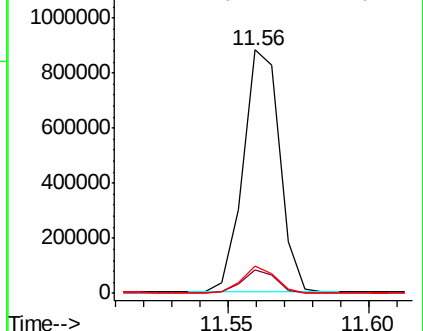
80 11.1 9.2 13.8



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: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108051.D

Acq: 9 Aug 2018 14:40

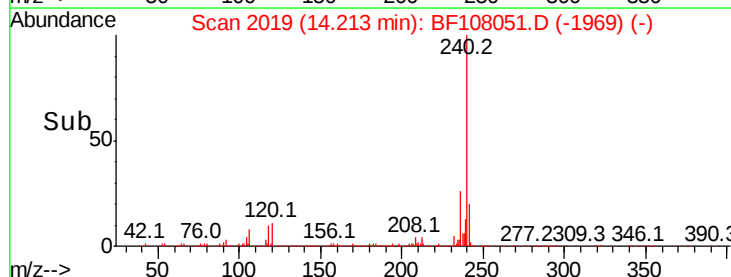
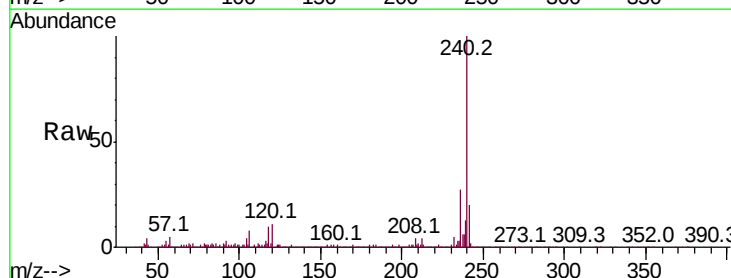
Tgt Ion:240 Resp: 678243

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

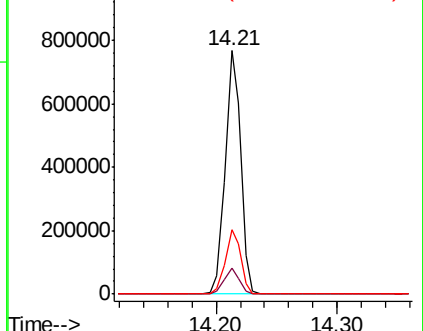
236 26.5 20.7 31.1

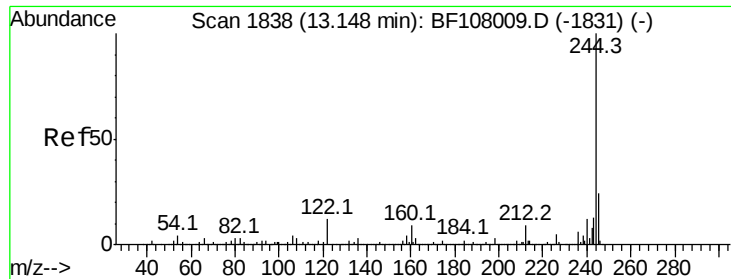


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 10.938 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108051.D

Acq: 9 Aug 2018 14:40

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

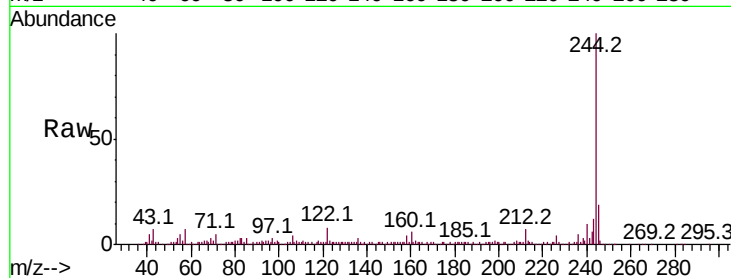
Tot Ion:244 Resp: 291765

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

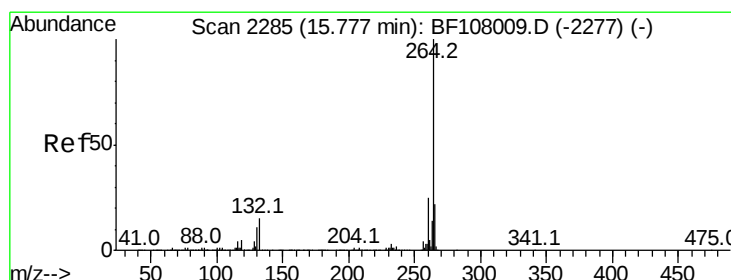
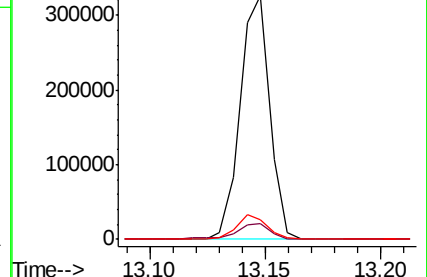
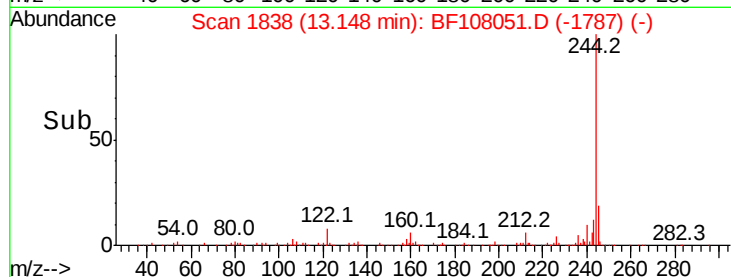
122 8.3 11.0 16.4#



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: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108051.D

Acq: 9 Aug 2018 14:40

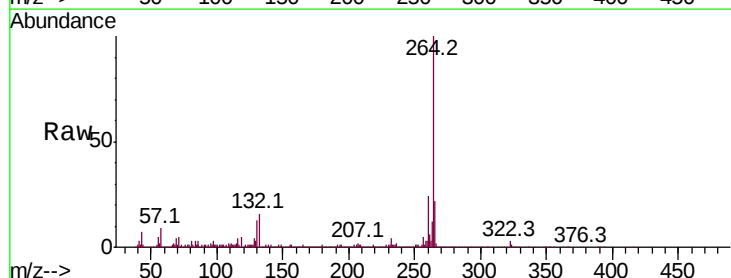
Tgt Ion:264 Resp: 599527

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.6 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

