

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109760.D
 Acq On : 10 Oct 2018 23:34
 Operator : JU/SJ
 Sample : J5324-03 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Oct 11 05:49:11 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	71750	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	328583	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	134578	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	182771	20.00	ng	0.00
75) Chrysene-d12	13.83	240	176105	20.00	ng	0.00
86) Perylene-d12	15.23	264	157375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	3097	0.77	ng	0.00
7) Phenol-d6	6.38	99	5772	1.07	ng	0.02
23) Nitrobenzene-d5	7.27	82	12123	2.03	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	3969	2.71	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	30850	3.16	ng	-0.01
78) Terphenyl-d14	12.79	244	20170	2.22	ng	0.00

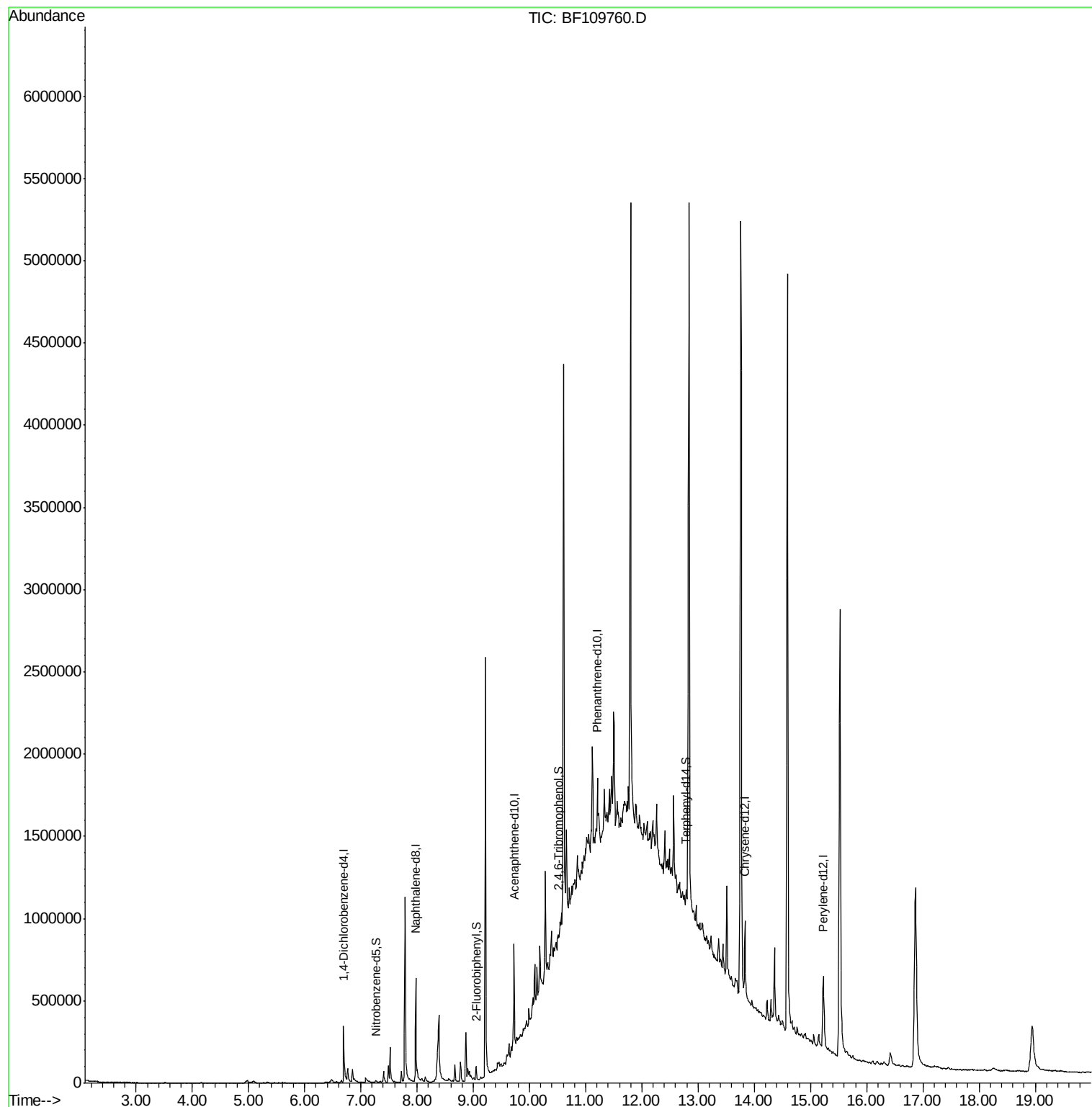
Target Compounds	Qvalue
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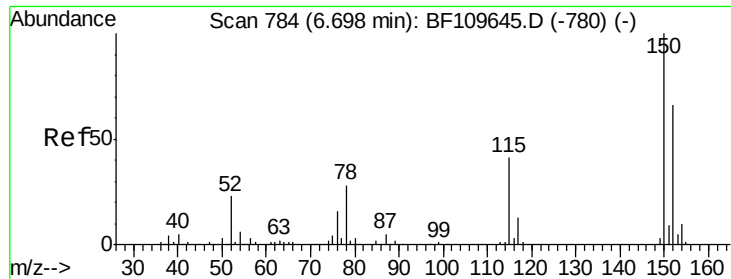
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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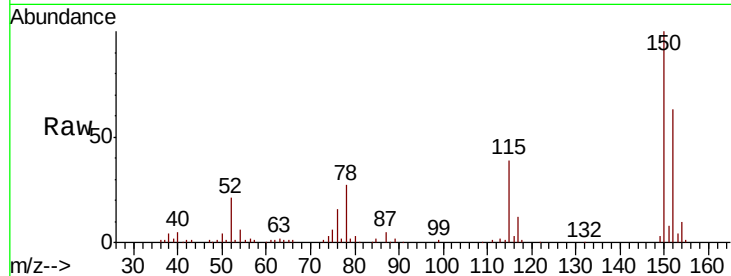


#1

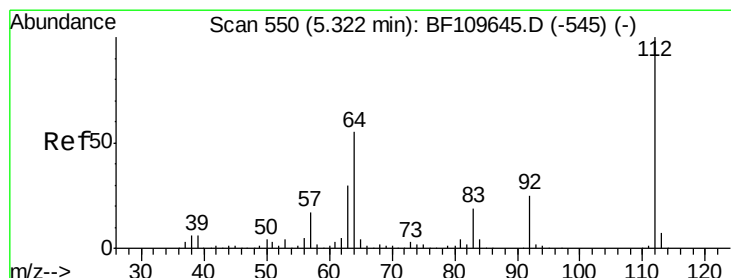
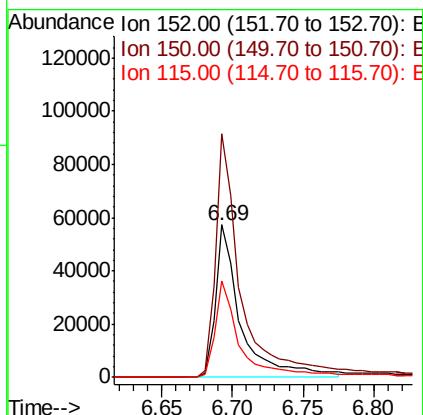
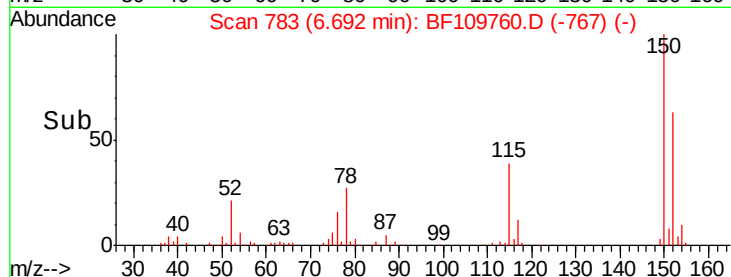
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109760.D
Acq: 10 Oct 2018 23:34

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:152 Resp: 71750
Ion Ratio Lower Upper
152 100
150 159.5 122.7 184.1
115 62.8 49.1 73.7



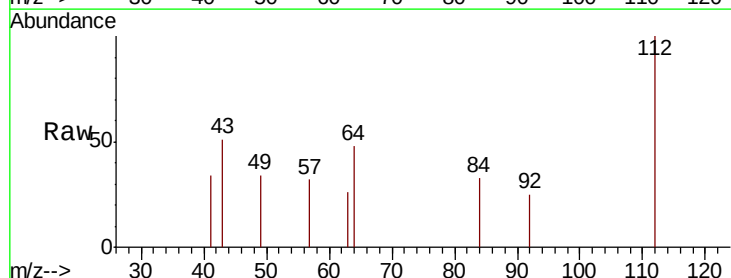
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



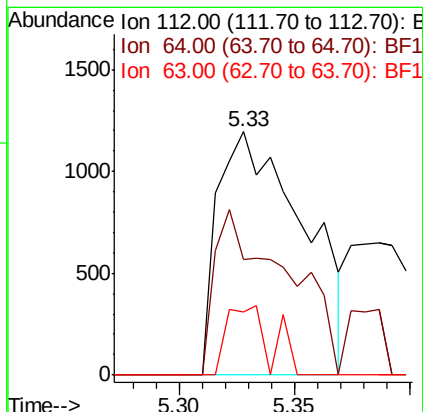
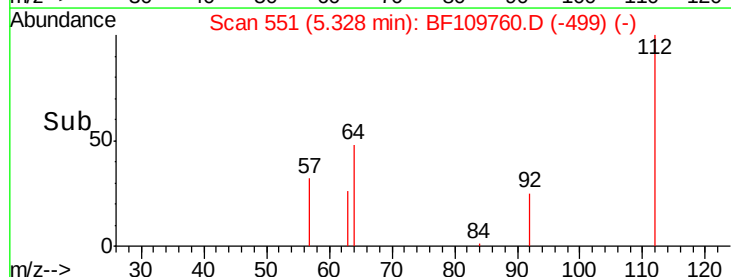
#5

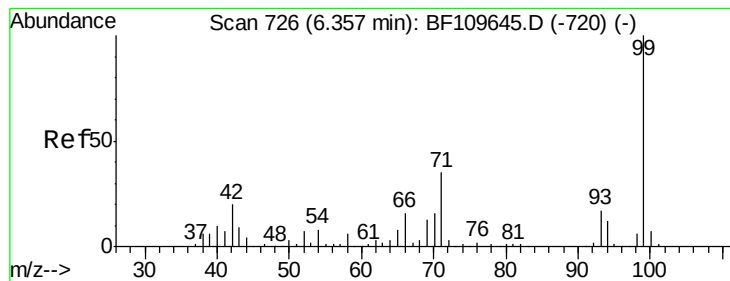
2-Fluorophenol
Concen: 0.766 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109760.D
Acq: 10 Oct 2018 23:34

Tgt Ion:112 Resp: 3097
Ion Ratio Lower Upper
112 100
64 47.7 44.1 66.1
63 25.9 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: 1.069 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF109760.D

Acq: 10 Oct 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

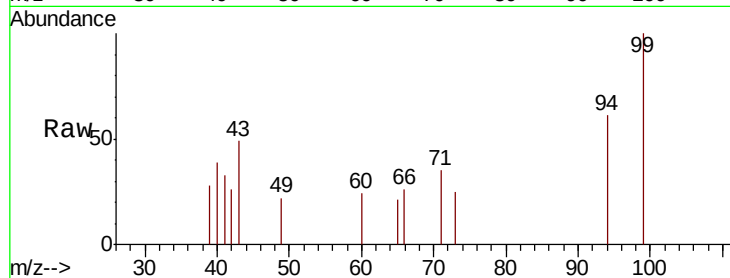
Tgt Ion: 99 Resp: 5772

Ion Ratio Lower Upper

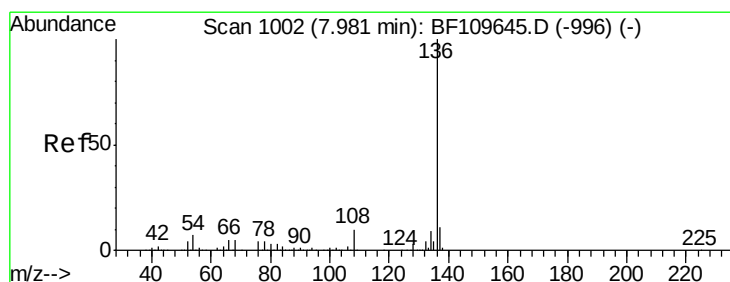
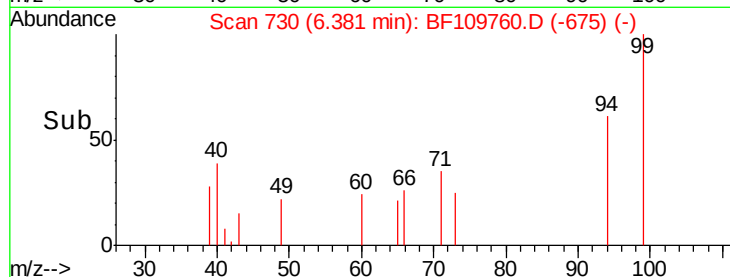
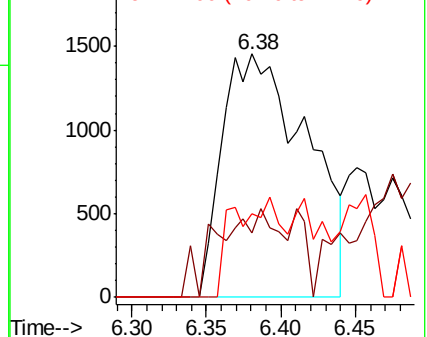
99 100

42 26.3 15.8 23.6#

71 34.6 28.0 42.0



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109760.D

Acq: 10 Oct 2018 23:34

Tgt Ion: 136 Resp: 328583

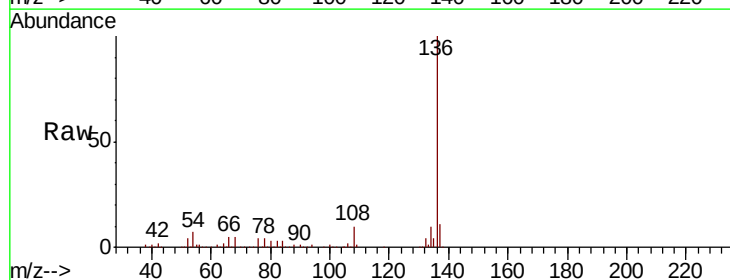
Ion Ratio Lower Upper

136 100

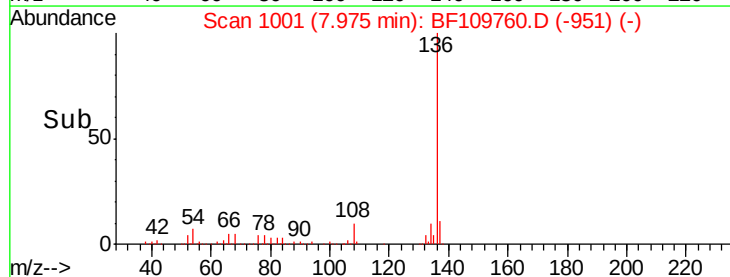
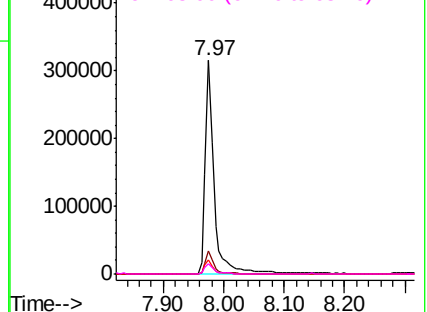
137 10.9 8.8 13.2

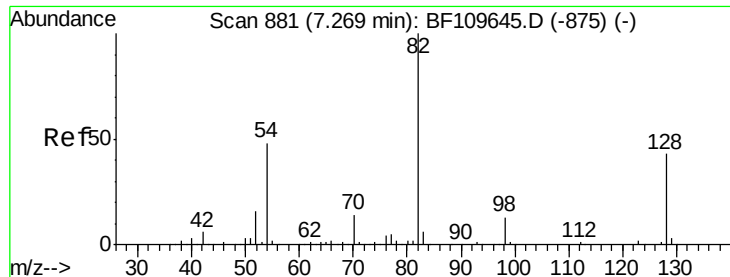
54 6.7 5.4 8.2

68 5.1 4.2 6.2



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

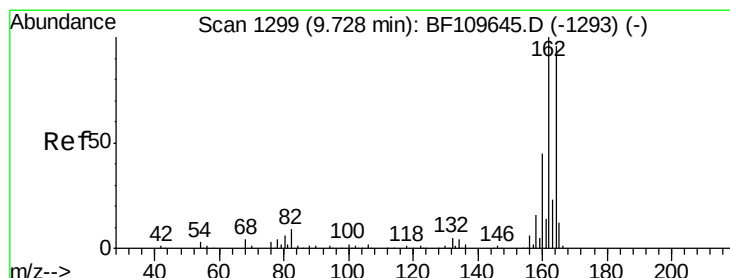
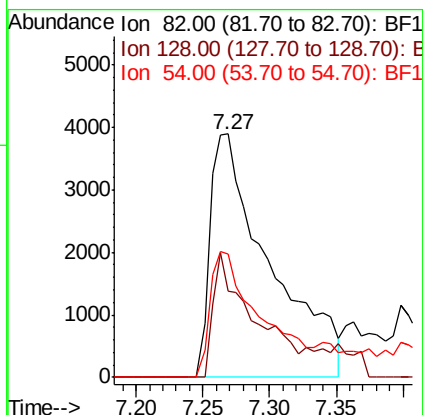
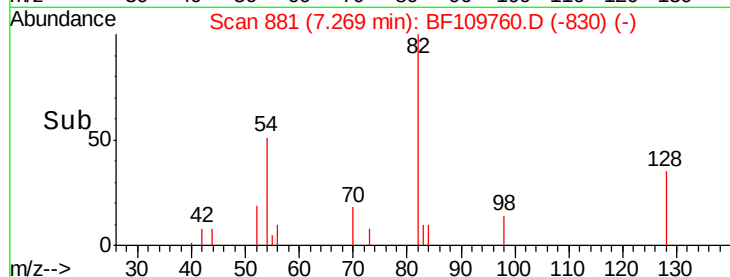
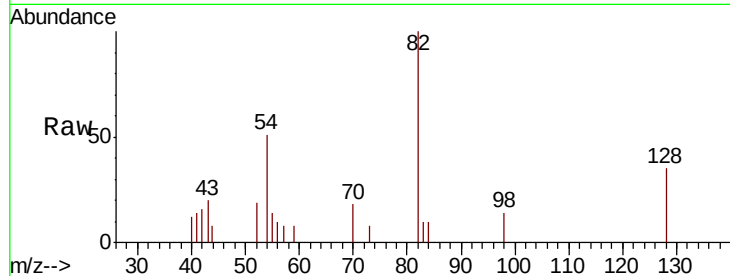




#23
 Nitrobenzene-d5
 Concen: 2.034 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF109760.D
 Acq: 10 Oct 2018 23:34

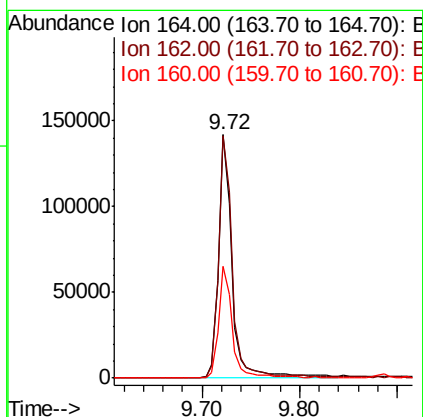
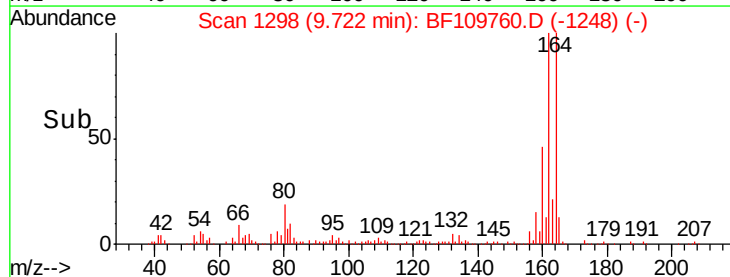
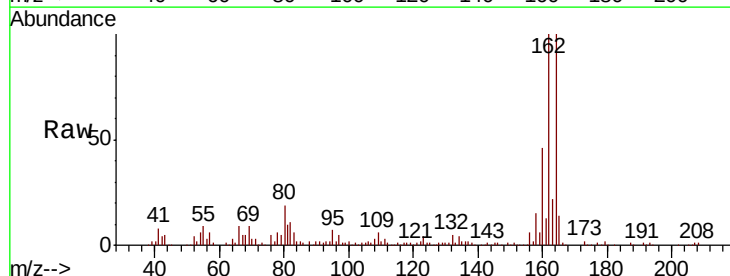
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

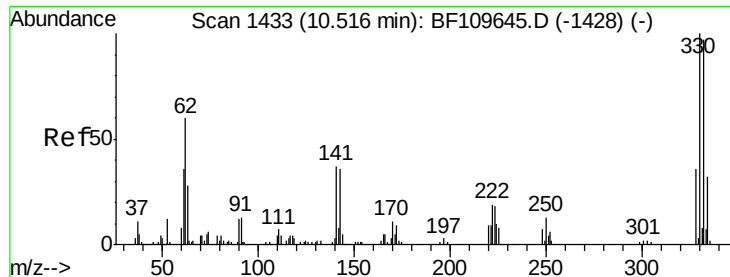
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.5	34.2	51.2
54	50.6	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109760.D
 Acq: 10 Oct 2018 23:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	83.0	124.6
160	45.7	37.0	55.6

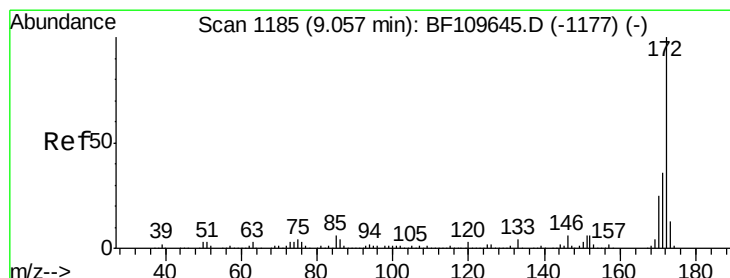
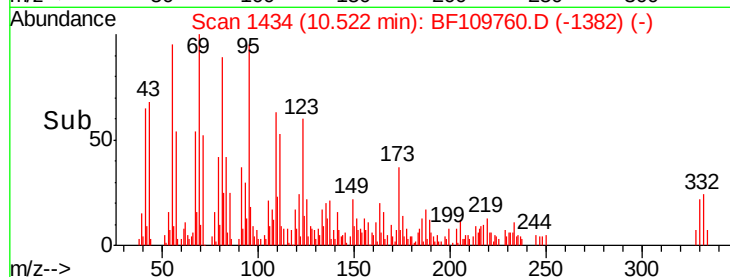
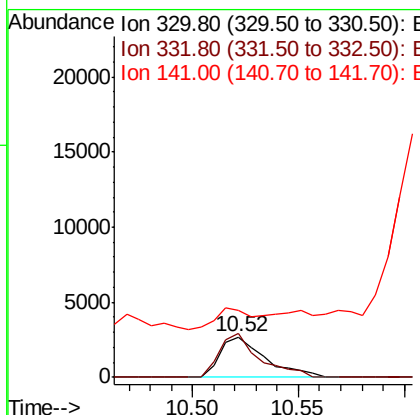
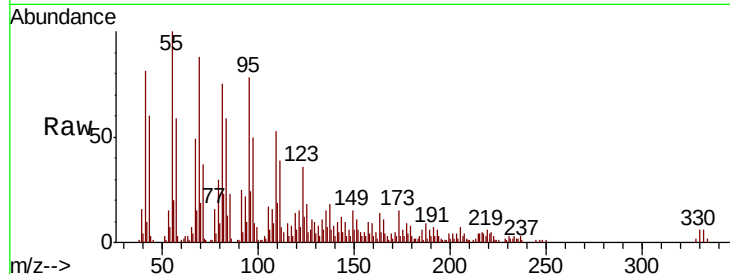




#41
 2,4,6-Tribromophenol
 Concen: 2.707 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF109760.D
 Acq: 10 Oct 2018 23:34

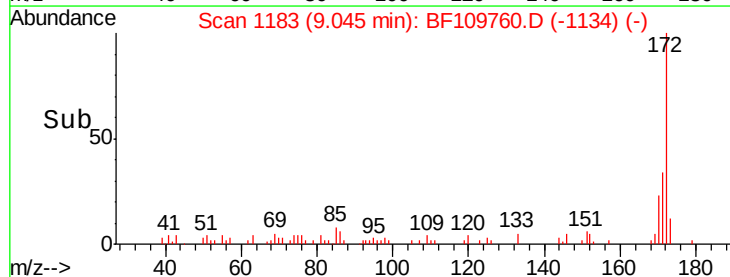
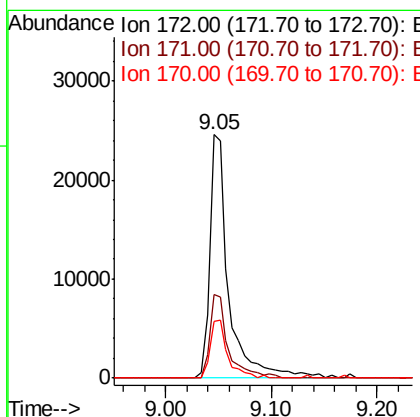
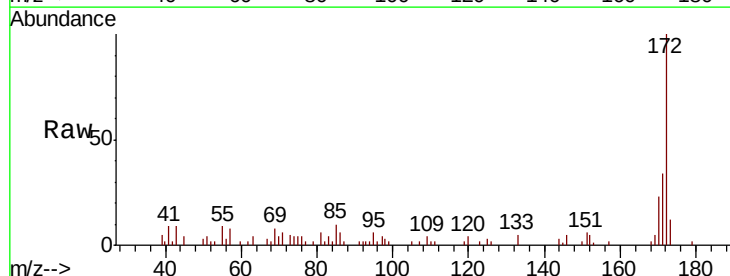
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

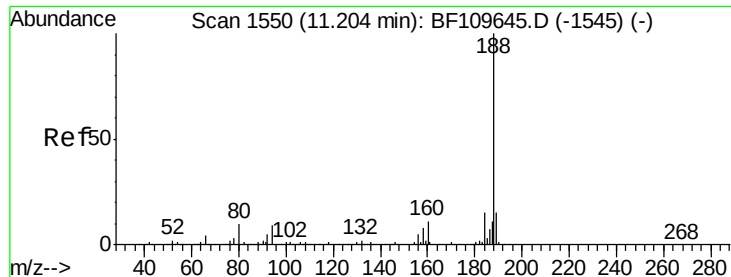
Tgt Ion:330 Resp: 3969
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 47.7 27.0 40.4#



#44
 2-Fluorobiphenyl
 Concen: 3.157 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF109760.D
 Acq: 10 Oct 2018 23:34

Tgt Ion:172 Resp: 30850
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 43.0
 170 23.5 19.7 29.5

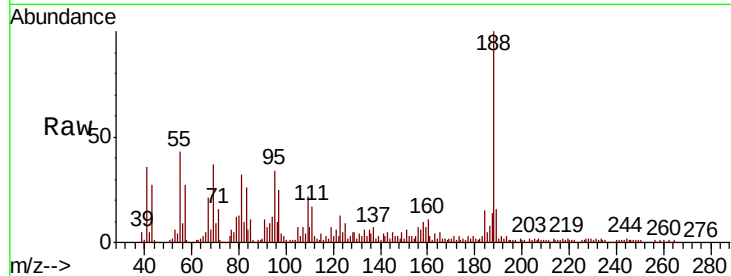




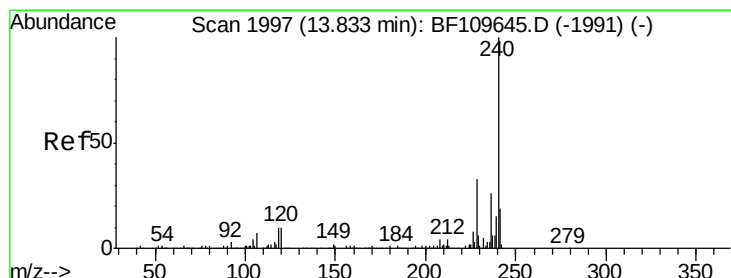
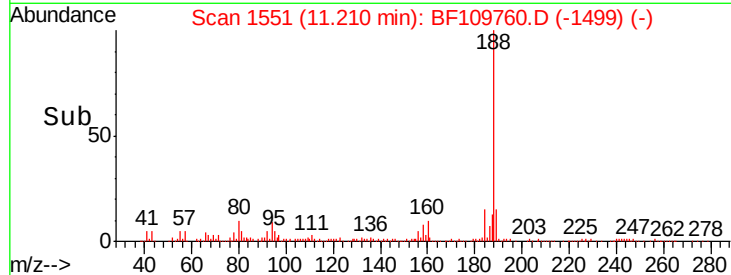
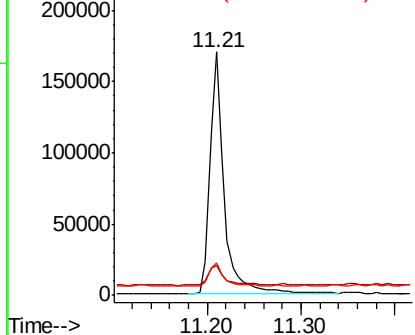
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF109760.D
Acq: 10 Oct 2018 23:34

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:188 Resp: 182771
Ion Ratio Lower Upper
188 100
94 12.4 7.2 10.8#
80 13.4 7.9 11.9#

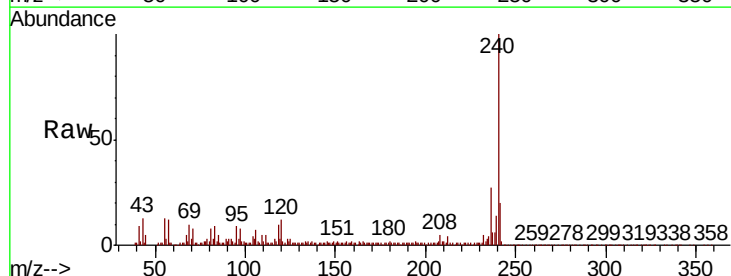


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

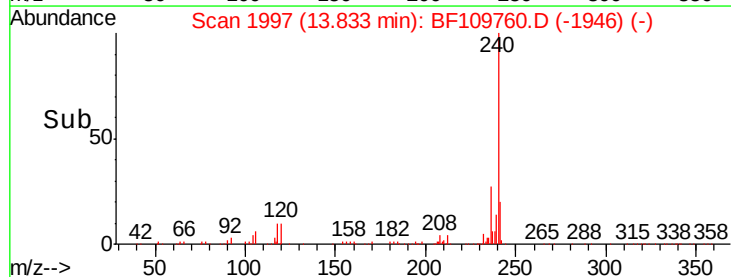
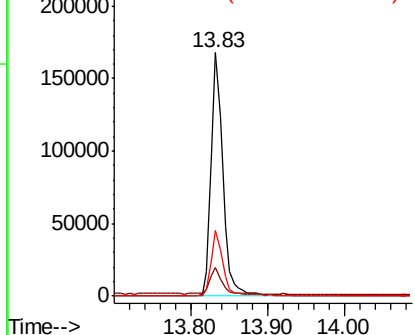


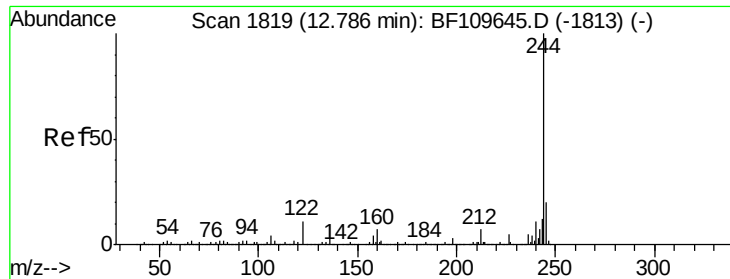
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109760.D
Acq: 10 Oct 2018 23:34

Tgt Ion:240 Resp: 176105
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 26.8 21.2 31.8



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: 2.217 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109760.D

Acq: 10 Oct 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

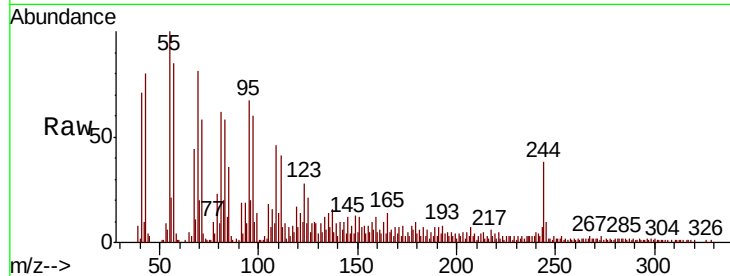
Tgt Ion:244 Resp: 20170

Ion Ratio Lower Upper

244 100

212 11.3 5.8 8.8#

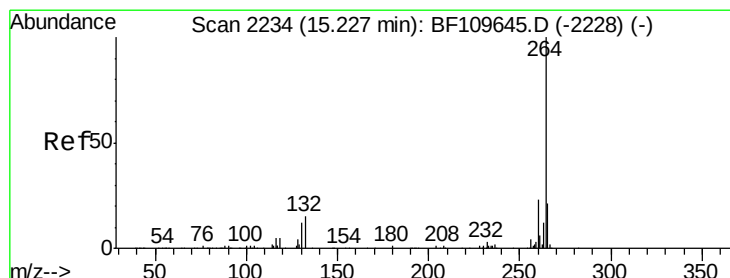
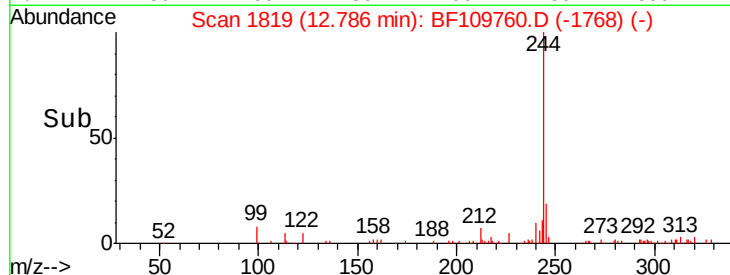
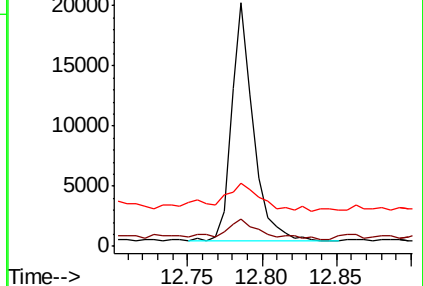
122 25.9 8.7 13.1#



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: BF109760.D

Acq: 10 Oct 2018 23:34

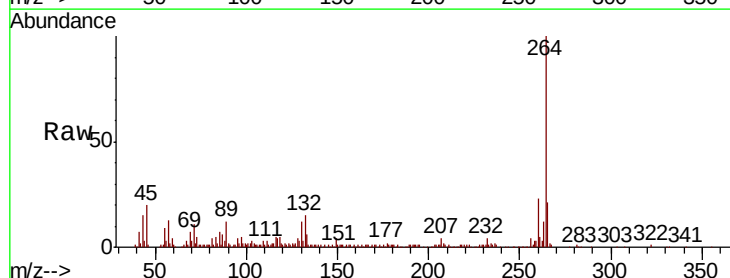
Tgt Ion:264 Resp: 157375

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.1 16.7 25.1



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

