

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103473.D
 Acq On : 6 Mar 2018 23:15
 Operator : SJ/JU
 Sample : J1736-06 100X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Mar 07 02:02:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	111713	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	487299	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	191687	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	309348	20.00	ng	0.00
75) Chrysene-d12	14.06	240	200303	20.00	ng	0.00
86) Perylene-d12	15.57	264	151083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	115	0.02	ng	0.12
7) Phenol-d6	6.70	99	238	0.03	ng	0.19
23) Nitrobenzene-d5	7.50	82	2597	0.30	ng	0.05
41) 2,4,6-Tribromophenol	10.74	330	408	0.25	ng	0.02
44) 2-Fluorobiphenyl	9.24	172	16643	-1.00	ng	0.01
78) Terphenyl-d14	12.99	244	12948	1.55	ng	0.00

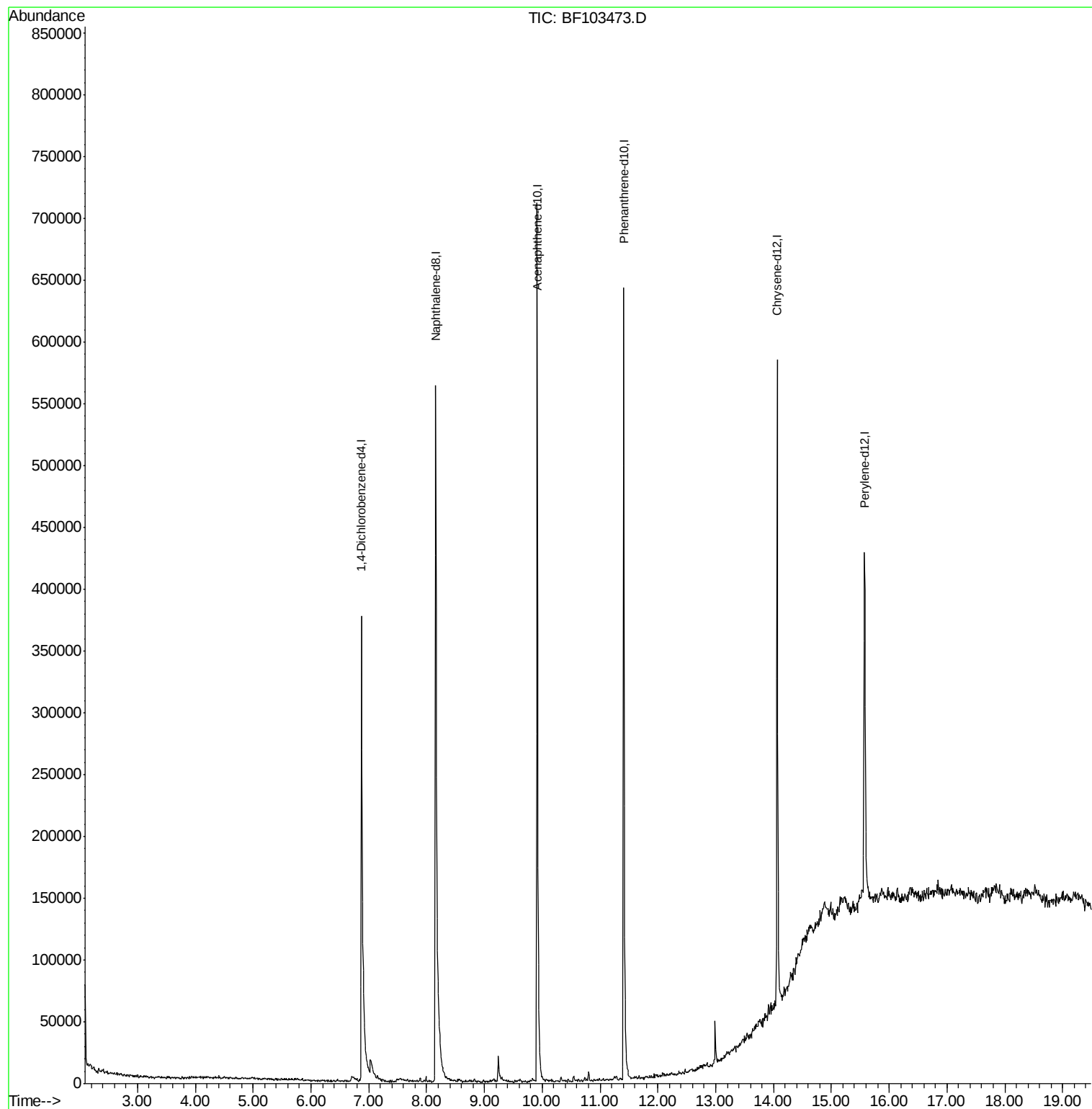
Target Compounds Qvalue

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

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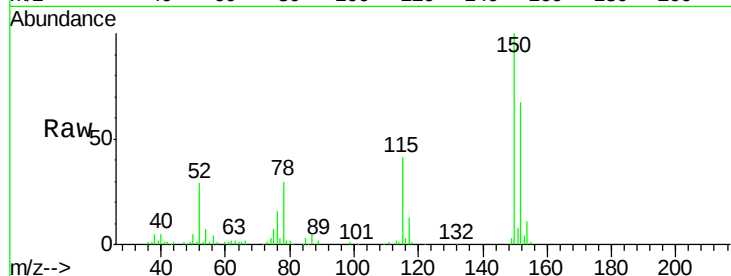


#1

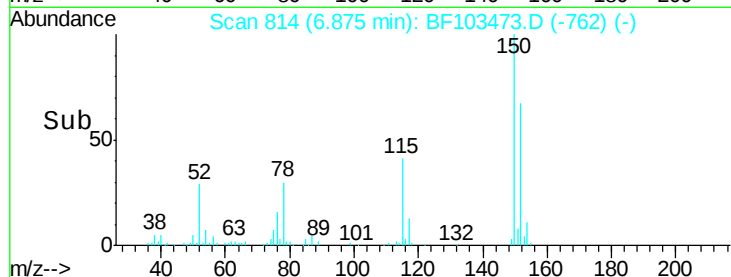
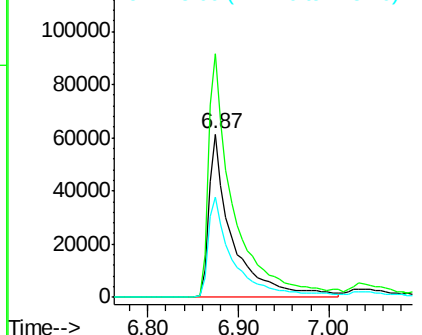
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103473.D
Acq: 6 Mar 2018 23:15

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:152 Resp: 111713
Ion Ratio Lower Upper
152 100
150 149.4 124.6 186.8
115 61.8 50.1 75.1



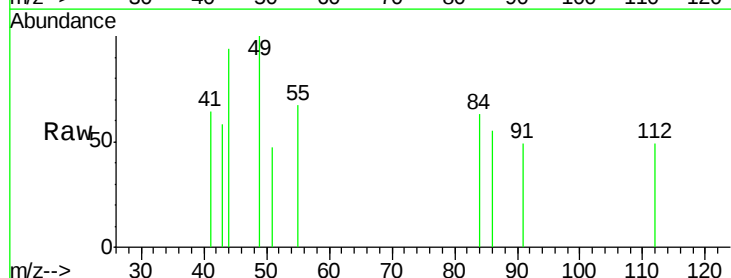
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



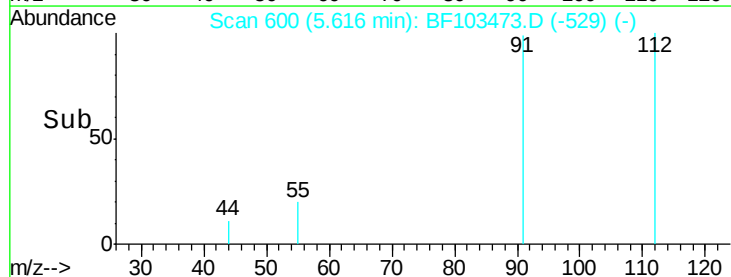
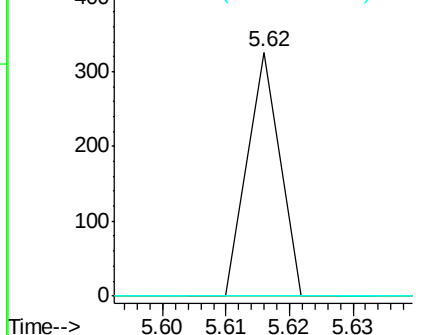
#5

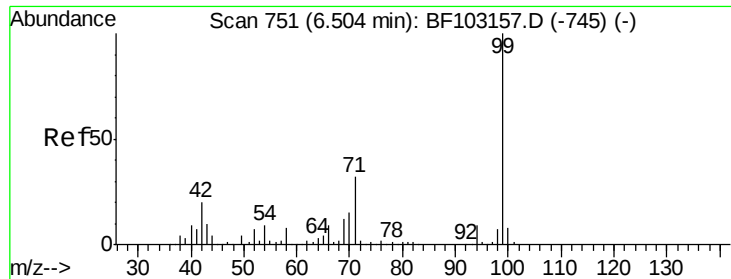
2-Fluorophenol
Concen: 0.016 ng
RT: 5.62 min Scan# 600
Delta R.T. 0.12 min
Lab File: BF103473.D
Acq: 6 Mar 2018 23:15

Tgt Ion:112 Resp: 115
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 0.0 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: 0.026 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.19 min

Lab File: BF103473.D

Acq: 6 Mar 2018 23:15

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

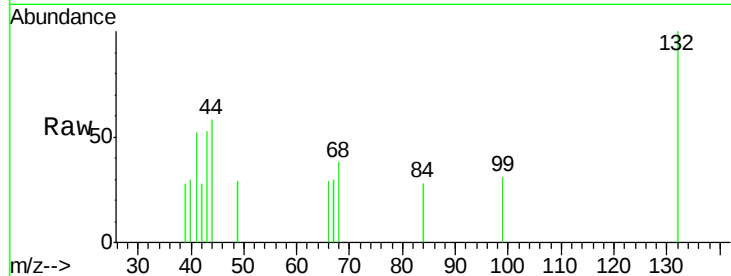
Tot Ion: 99 Resp: 238

Ion Ratio Lower Upper

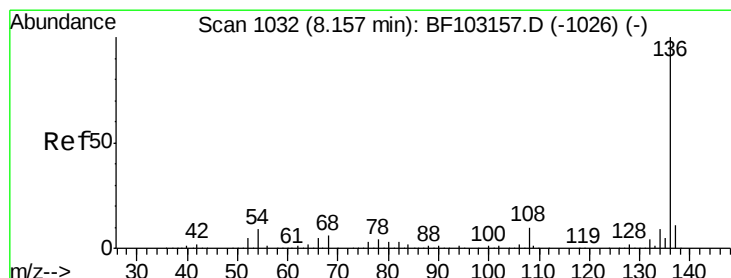
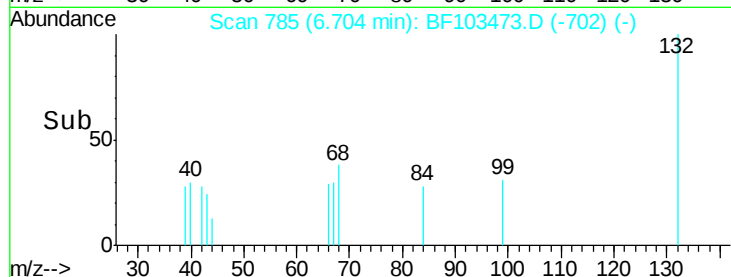
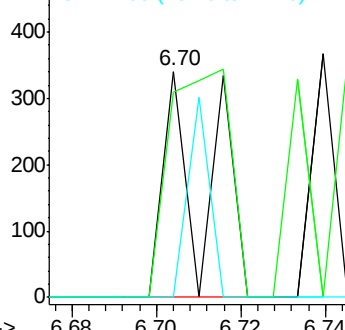
99 100

42 90.6 14.5 21.7#

71 0.0 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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103473.D

Acq: 6 Mar 2018 23:15

Tgt Ion: 136 Resp: 487299

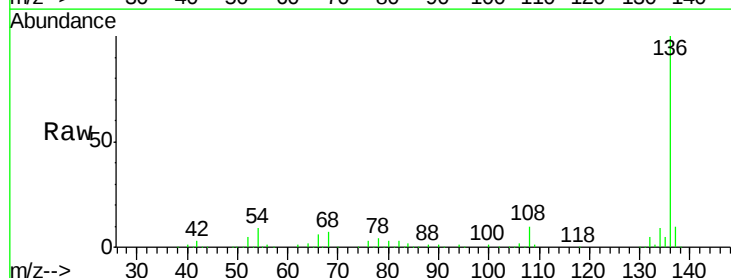
Ion Ratio Lower Upper

136 100

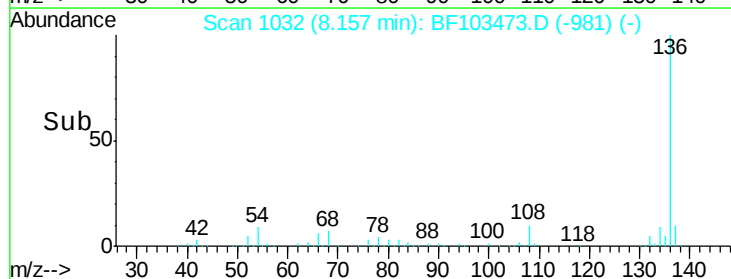
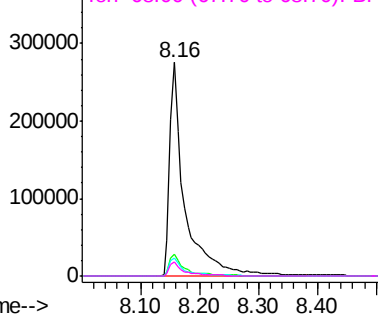
137 10.4 8.9 13.3

54 8.7 6.6 9.8

68 6.6 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

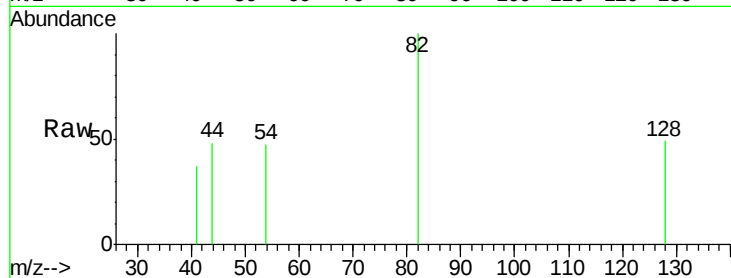




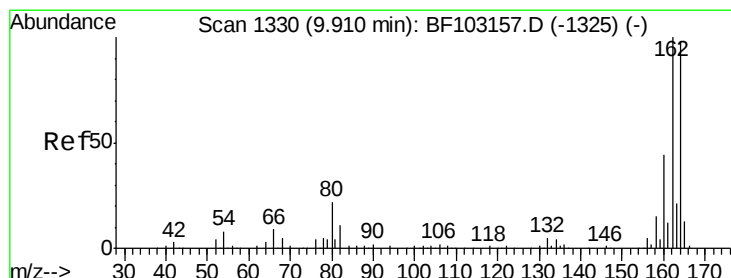
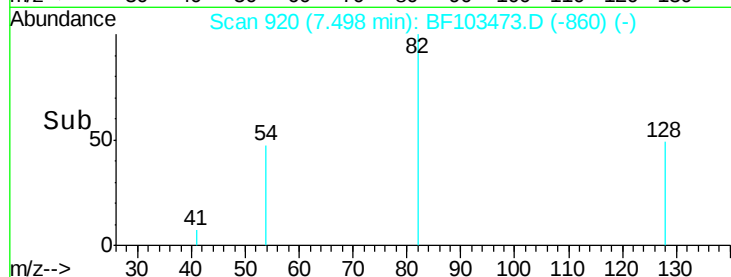
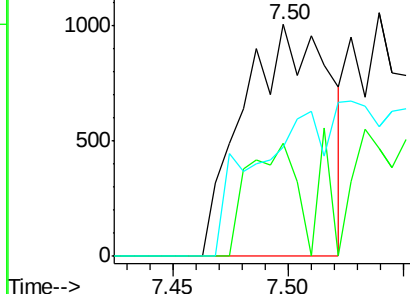
#23
 Nitrobenzene-d5
 Concen: 0.304 ng
 RT: 7.50 min Scan# 920
 Delta R.T. 0.05 min
 Lab File: BF103473.D
 Acq: 6 Mar 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion: 82 Resp: 2597
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.1 54.1
 54 47.4 41.4 62.2

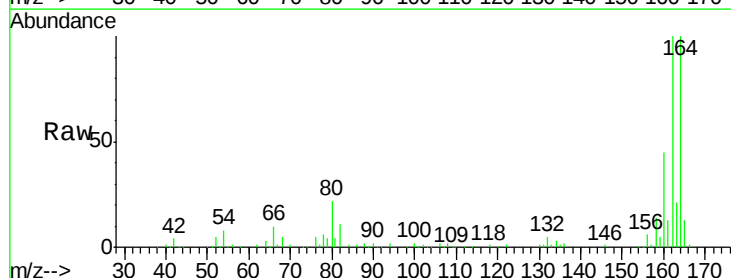


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

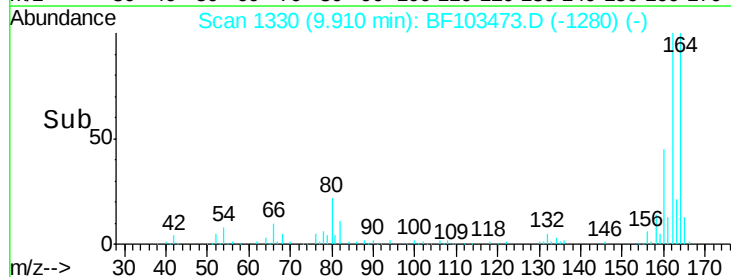
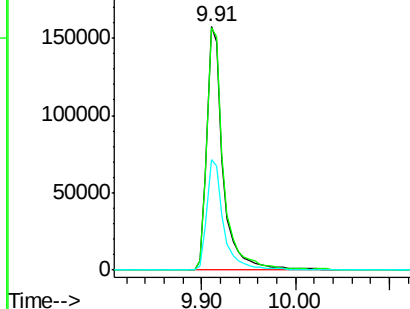


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103473.D
 Acq: 6 Mar 2018 23:15

Tgt Ion:164 Resp: 191687
 Ion Ratio Lower Upper
 164 100
 162 99.8 86.1 129.1
 160 45.4 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

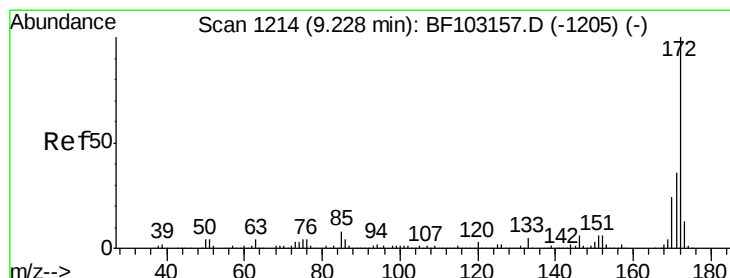
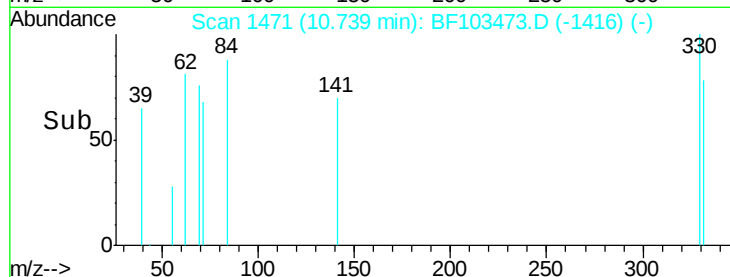
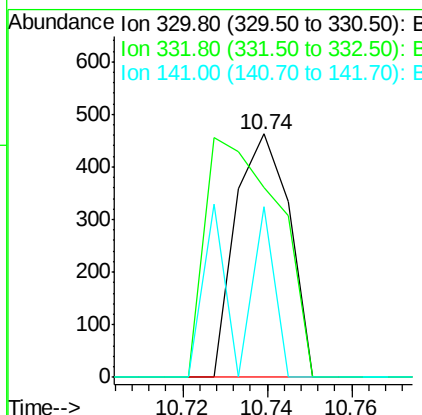
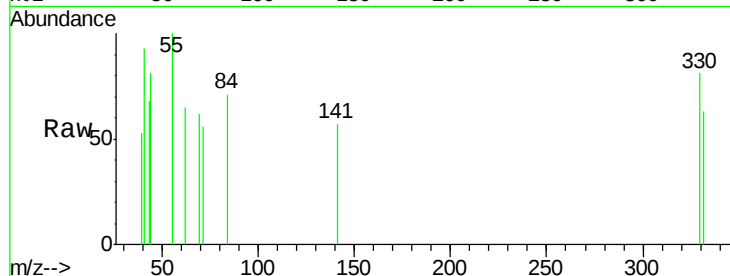




#41
 2,4,6-Tribromophenol
 Concen: 0.251 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.02 min
 Lab File: BF103473.D
 Acq: 6 Mar 2018 23:15

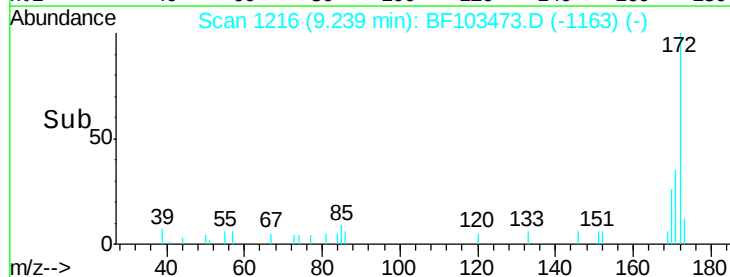
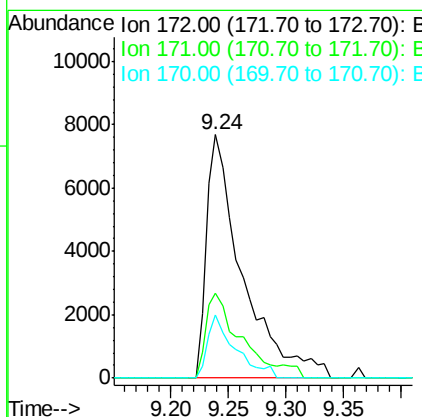
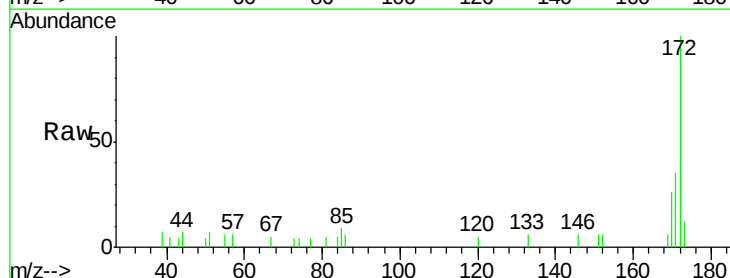
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

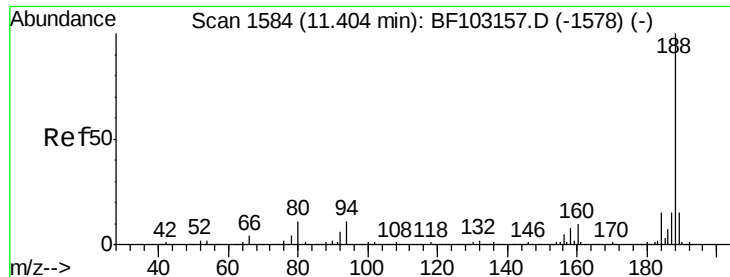
Tot Ion:330 Resp: 408
 Ion Ratio Lower Upper
 330 100
 332 134.3 77.0 115.6#
 141 56.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF103473.D
 Acq: 6 Mar 2018 23:15

Tgt Ion:172 Resp: 16643
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 25.7 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103473.D

Acq: 6 Mar 2018 23:15

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

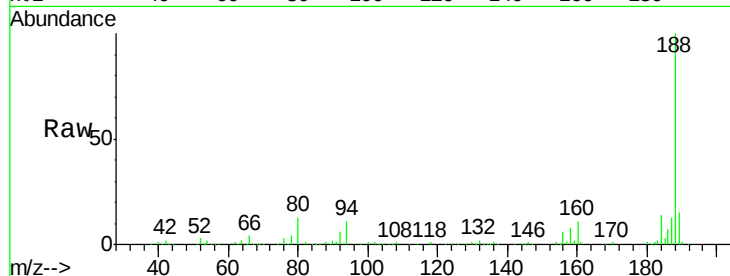
Tot Ion:188 Resp: 309348

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

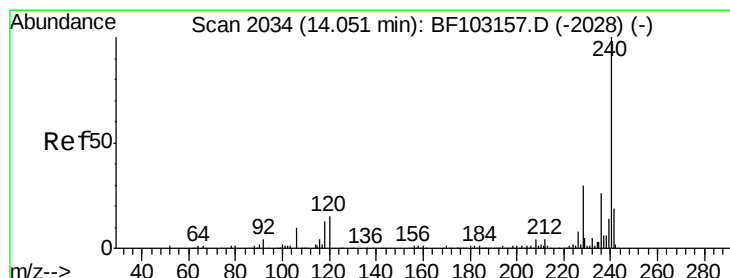
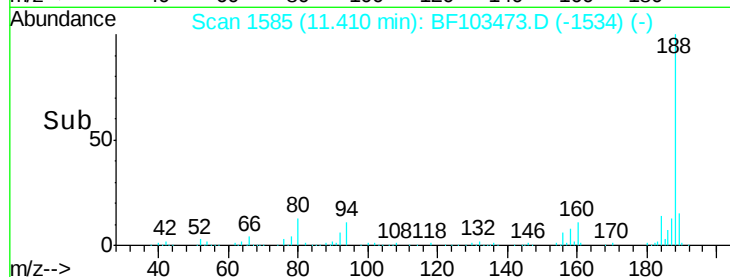
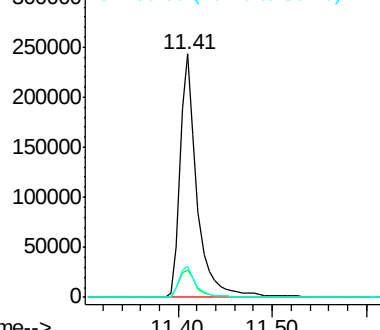
80 13.0 9.2 13.8



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103473.D

Acq: 6 Mar 2018 23:15

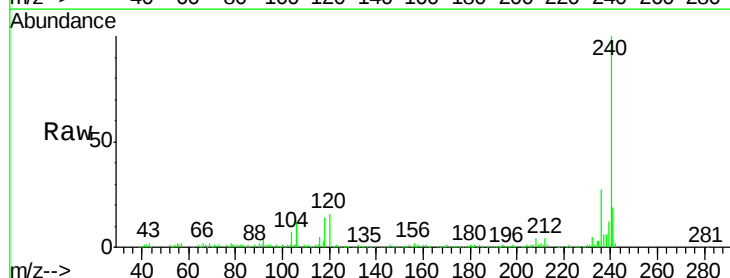
Tgt Ion:240 Resp: 200303

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

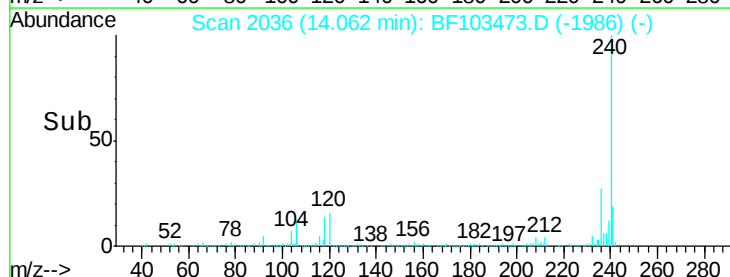
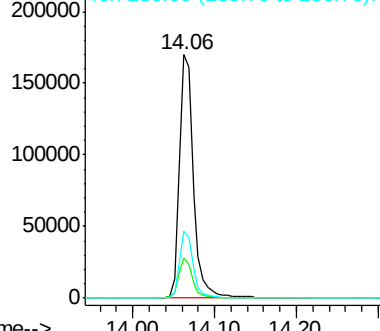
236 27.3 20.7 31.1

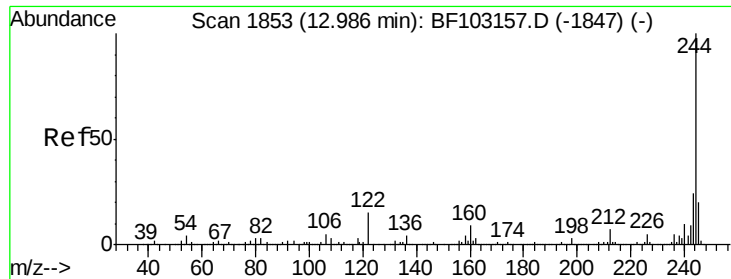


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

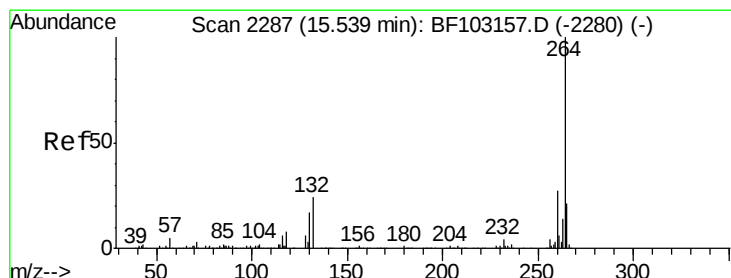
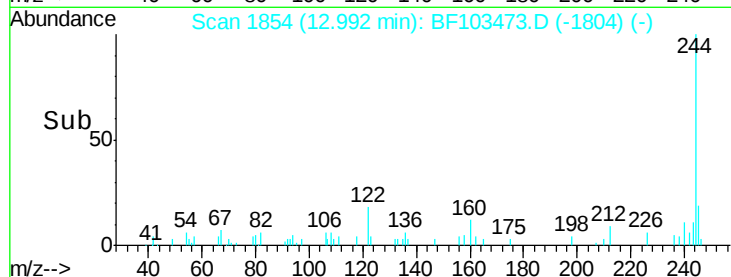
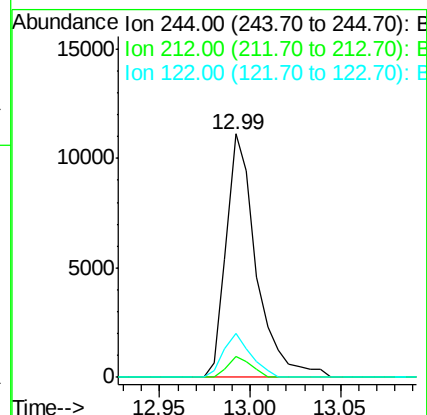
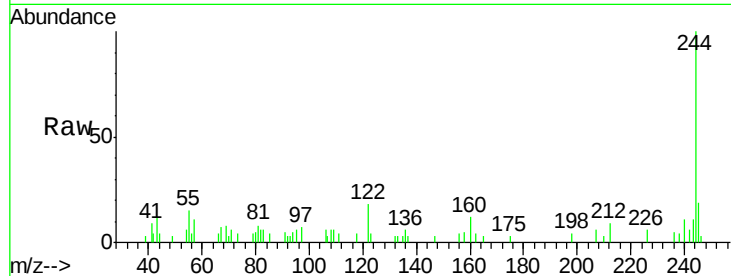




#78
 Terphenyl-d14
 Concen: 1.554 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103473.D
 Acq: 6 Mar 2018 23:15

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion:244 Resp: 12948
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.4 8.0#
 122 18.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF103473.D
 Acq: 6 Mar 2018 23:15

Tgt Ion:264 Resp: 151083
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.5 17.5 26.3

