

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109355.D
 Acq On : 26 Sep 2018 23:26
 Operator : JU/SJ
 Sample : J5055-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Sep 27 06:45:19 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

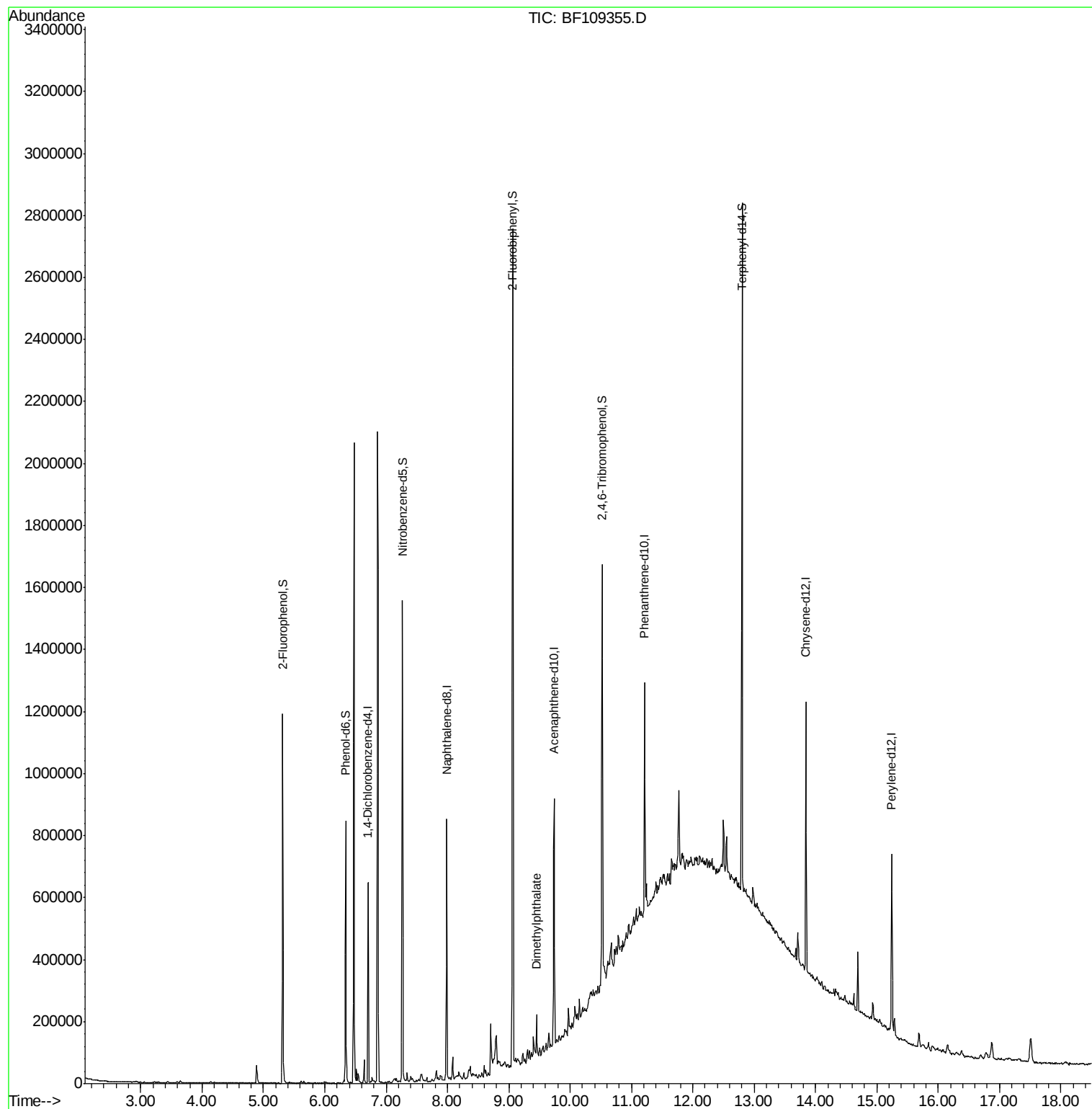
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	99664	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	347326	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	148391	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	258737	20.00	ng	0.00
75) Chrysene-d12	13.84	240	282366	20.00	ng	0.00
86) Perylene-d12	15.24	264	256612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	321307	53.10	ng	0.00
7) Phenol-d6	6.34	99	253437	32.82	ng	-0.02
23) Nitrobenzene-d5	7.27	82	488431	83.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	169719	116.02	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	848873	86.28	ng	-0.01
78) Terphenyl-d14	12.80	244	804759	69.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	38341	3.552	ng	Qvalue # 98

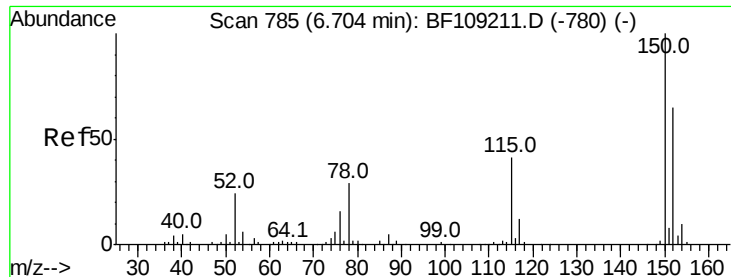
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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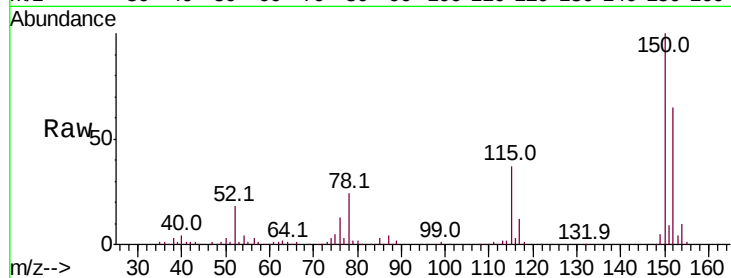


#1

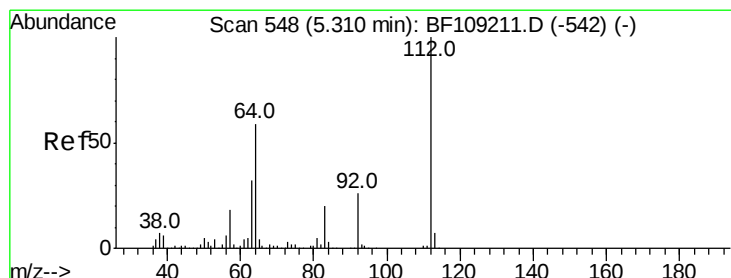
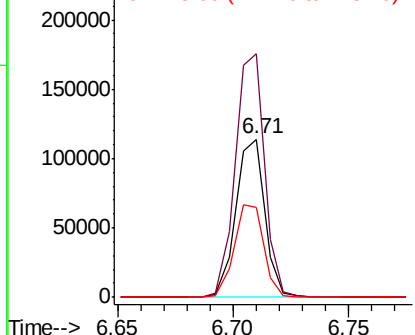
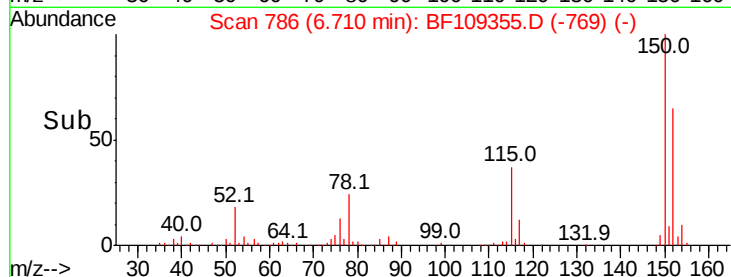
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109355.D
Acq: 26 Sep 2018 23:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:152 Resp: 99664
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 56.7 50.1 75.1



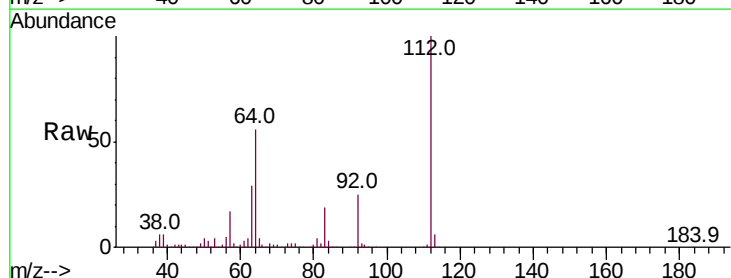
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



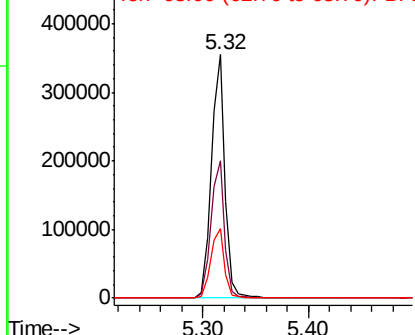
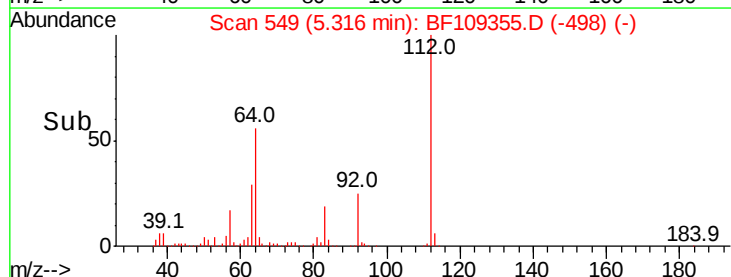
#5

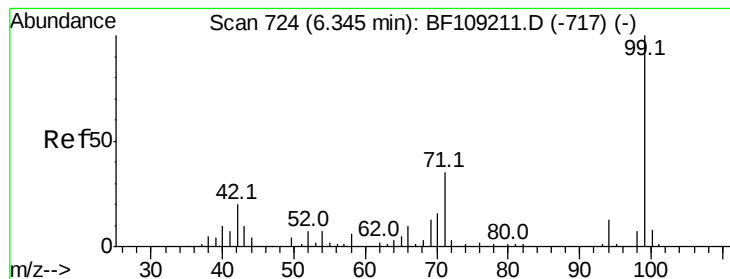
2-Fluorophenol
Concen: 53.100 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109355.D
Acq: 26 Sep 2018 23:26

Tgt Ion:112 Resp: 321307
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 28.6 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: 32.823 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109355.D

Acq: 26 Sep 2018 23:26

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

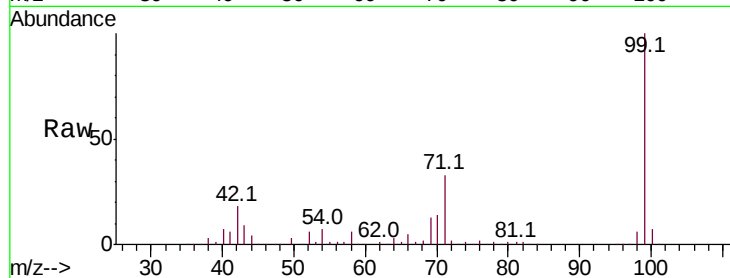
Tot Ion: 99 Resp: 253437

Ion Ratio Lower Upper

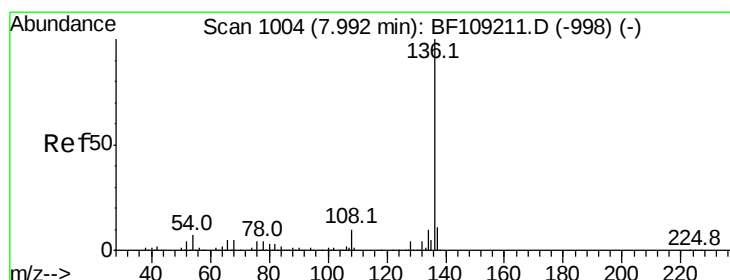
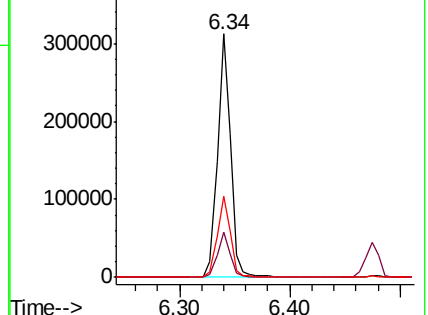
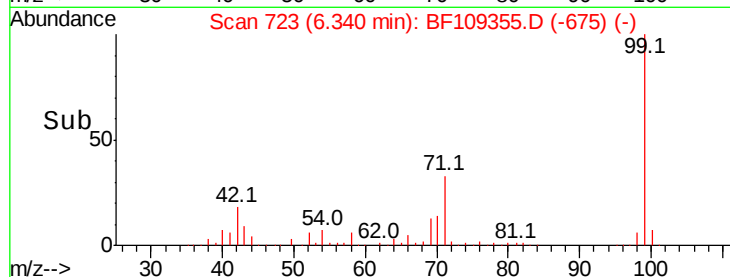
99 100

42 18.3 14.5 21.7

71 33.3 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: BF109355.D

Acq: 26 Sep 2018 23:26

Tgt Ion: 136 Resp: 347326

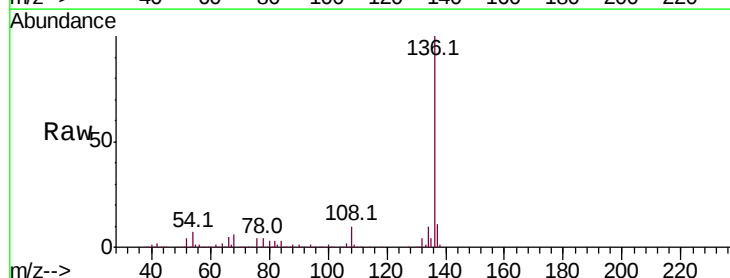
Ion Ratio Lower Upper

136 100

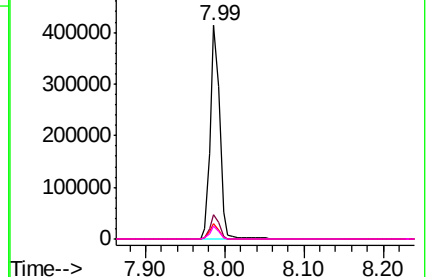
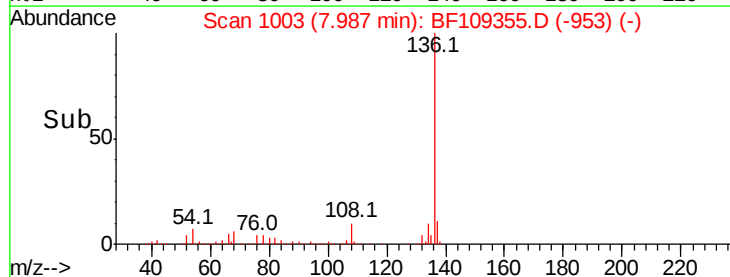
137 11.3 8.9 13.3

54 7.3 6.6 9.8

68 5.9 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

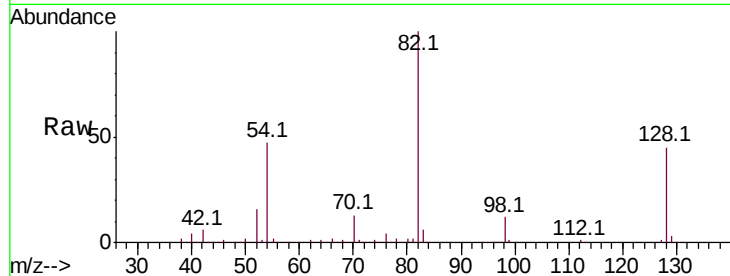




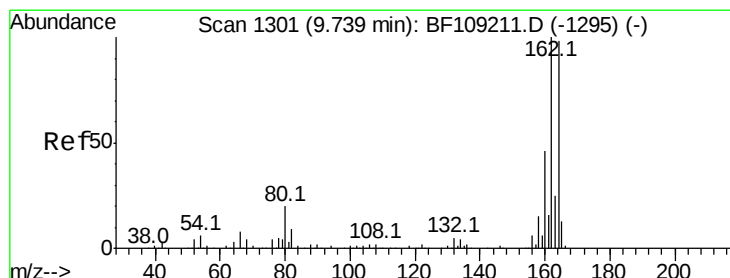
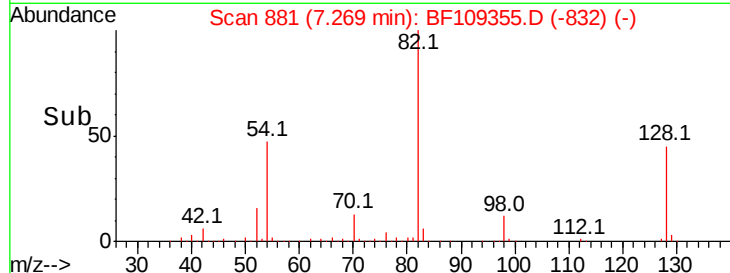
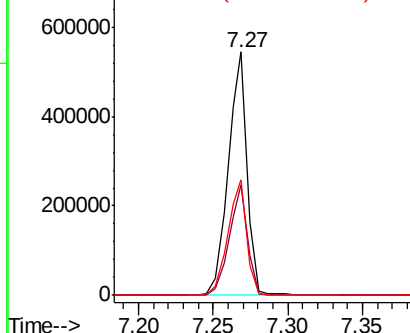
#23
 Nitrobenzene-d5
 Concen: 83.014 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109355.D
 Acq: 26 Sep 2018 23:26

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion: 82 Resp: 488431
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 47.5 41.4 62.2

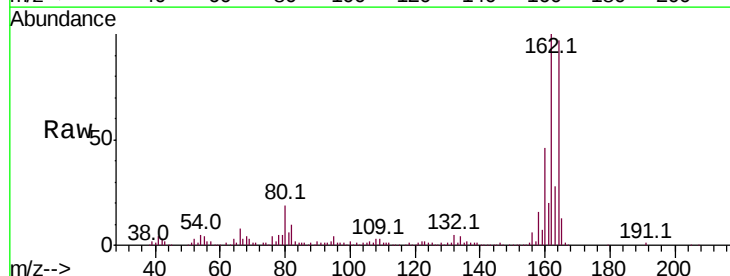


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

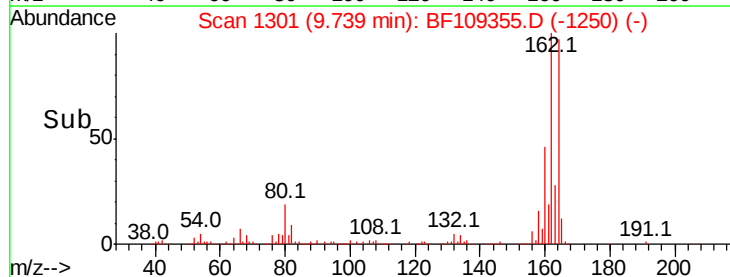
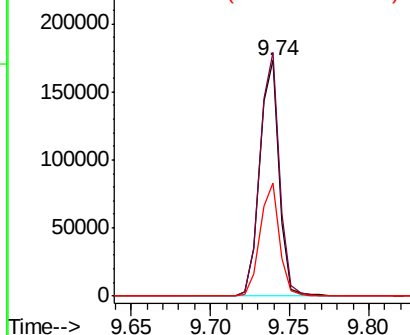


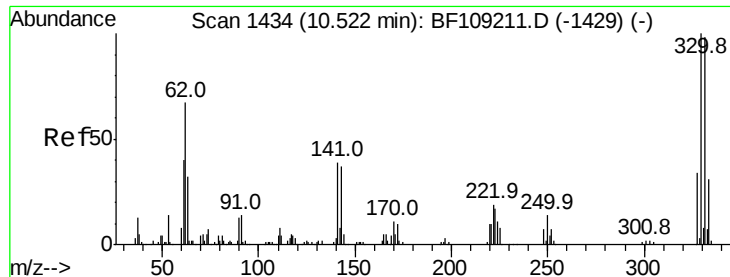
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109355.D
 Acq: 26 Sep 2018 23:26

Tgt Ion: 164 Resp: 148391
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 47.8 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

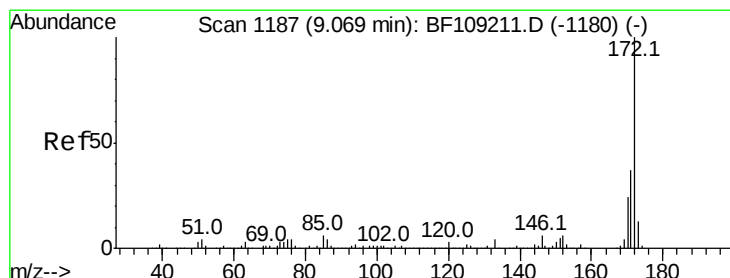
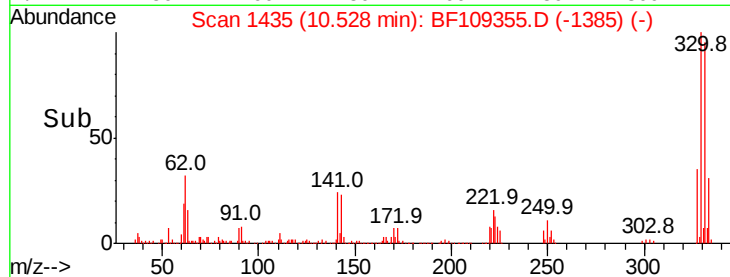
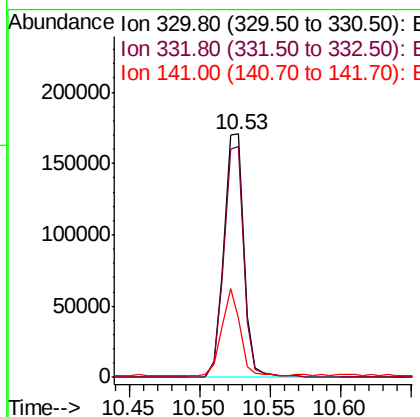
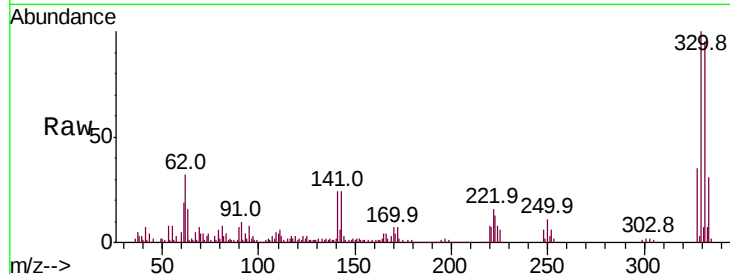




#41
 2,4,6-Tribromophenol
 Concen: 116.021 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109355.D
 Acq: 26 Sep 2018 23:26

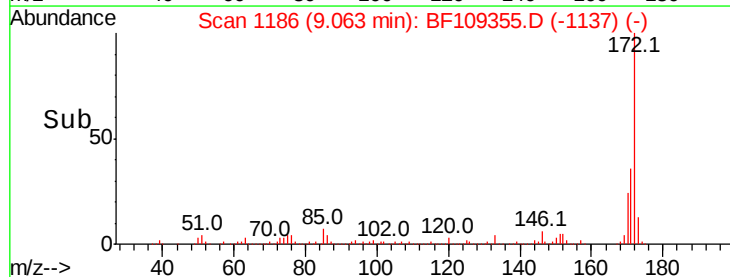
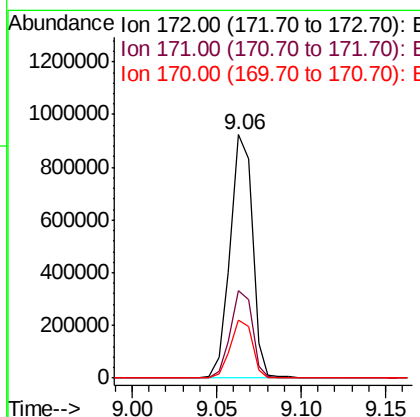
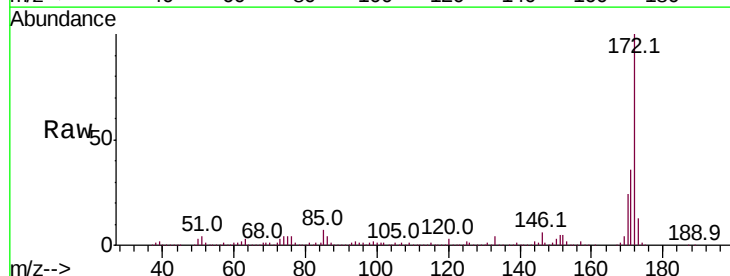
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

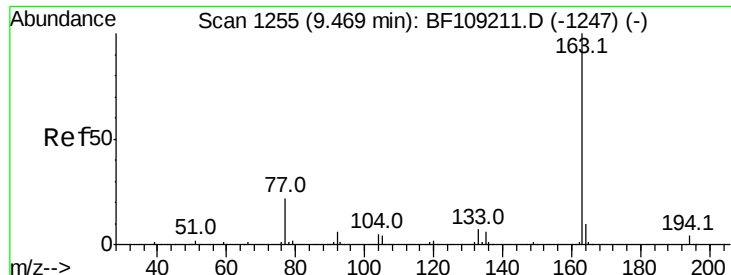
Tot Ion:330 Resp: 169719
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 33.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 86.276 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109355.D
 Acq: 26 Sep 2018 23:26

Tgt Ion:172 Resp: 848873
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.0 19.6 29.4

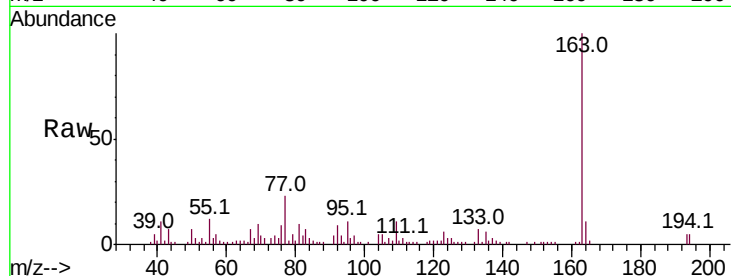




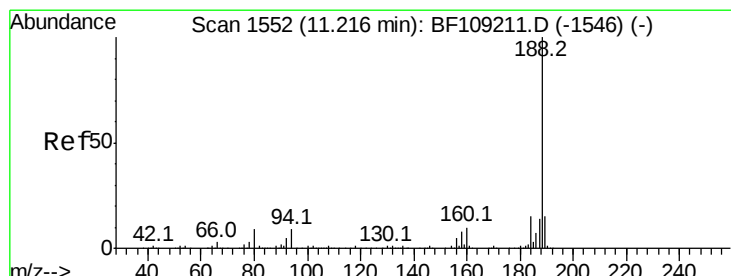
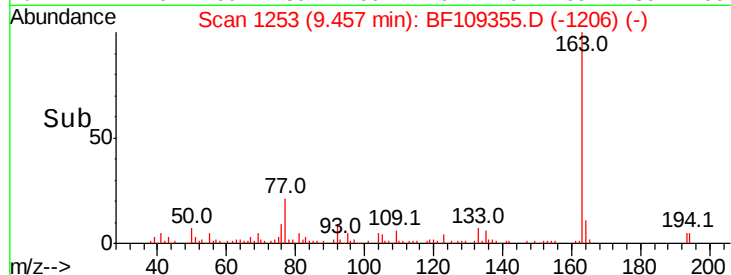
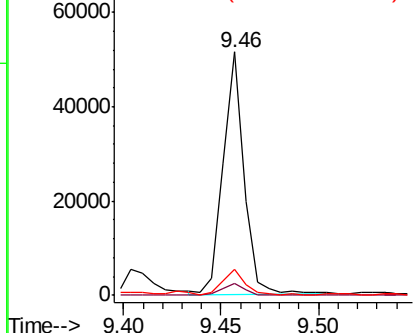
#49
Dimethylphthalate
Concen: 3.552 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109355.D
Acq: 26 Sep 2018 23:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:163 Resp: 38341
Ion Ratio Lower Upper
163 100
194 4.9 2.7 4.1#
164 10.6 8.2 12.2

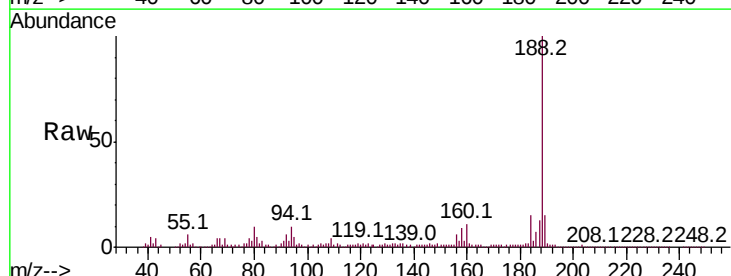


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

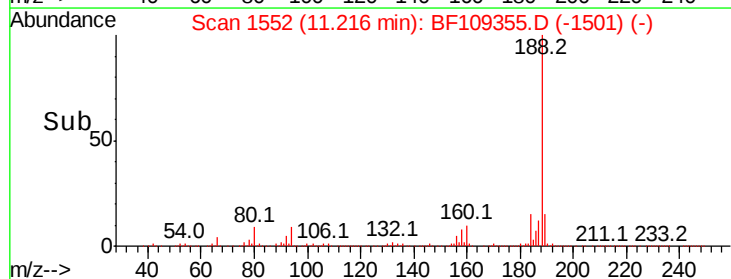
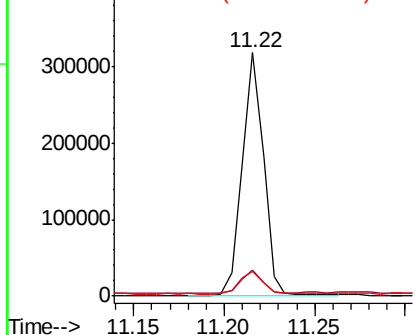


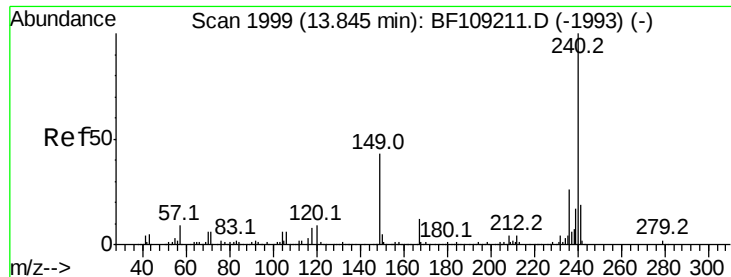
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109355.D
Acq: 26 Sep 2018 23:26

Tgt Ion:188 Resp: 258737
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.4 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: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109355.D

Acq: 26 Sep 2018 23:26

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

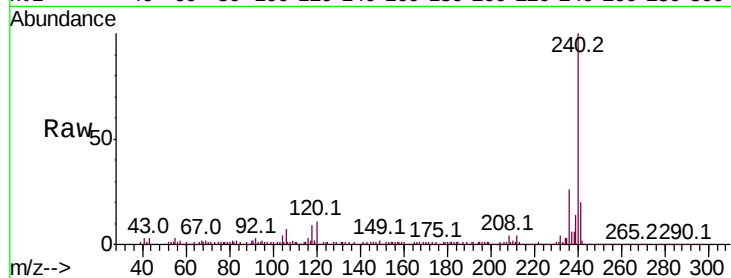
Tot Ion:240 Resp: 282366

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

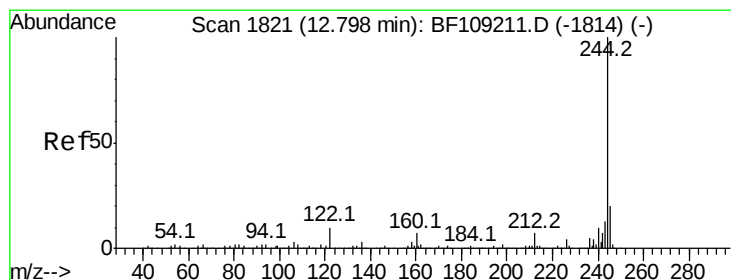
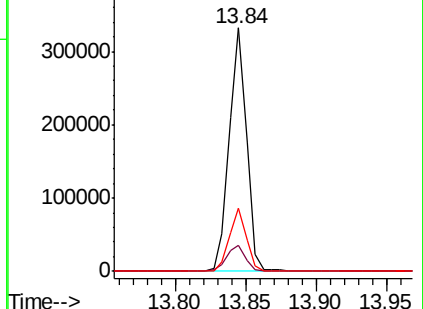
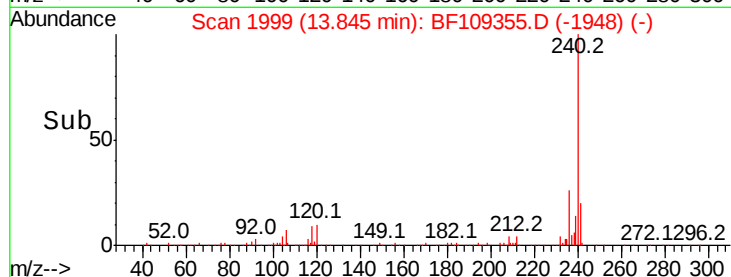
236 25.8 20.7 31.1



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: 69.945 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF109355.D

Acq: 26 Sep 2018 23:26

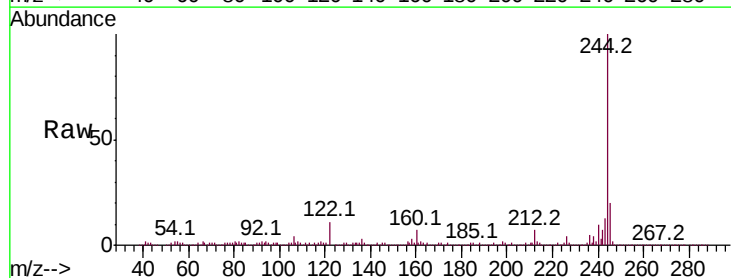
Tgt Ion:244 Resp: 804759

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

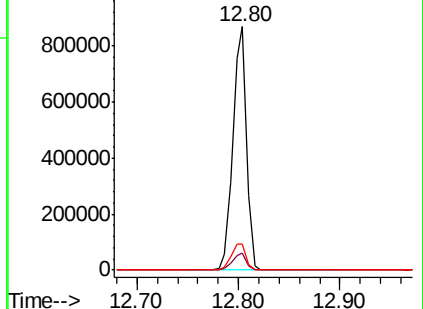
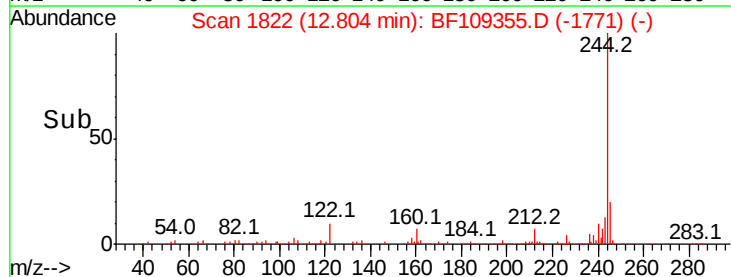
122 10.6 11.0 16.4#

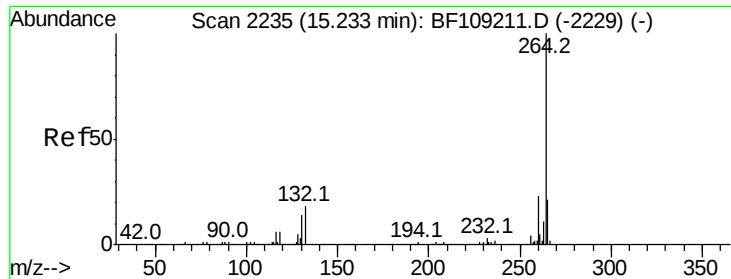


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109355.D
Acq: 26 Sep 2018 23:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3

