

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 05:41:15 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

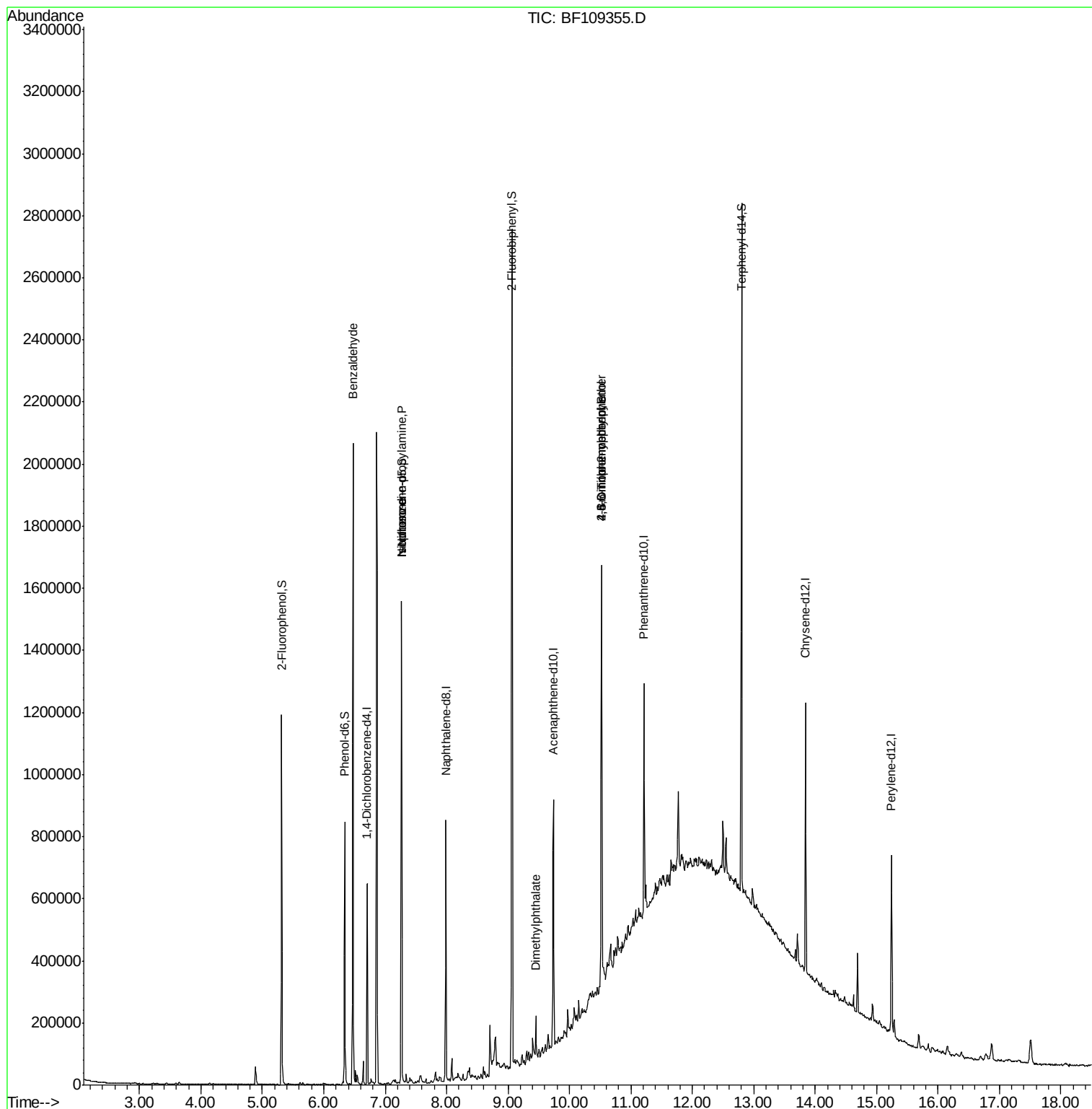
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	99664	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	347326	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	148391	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	258737	20.00	ng	0.00
75) Chrysene-d12	13.84	240	282366	20.00	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						
9) Benzaldehyde	6.47	77	12735	2.567	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	65647	12.975	ng	# 78
25) Isophorone	7.27	82	468835	44.250	ng	# 64
49) Dimethylphthalate	9.46	163	38341	3.552	ng	# 98
64) 4,6-Dinitro-2-methylphenol	10.53	198	403	6.856	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10330	3.595	ng	# 1

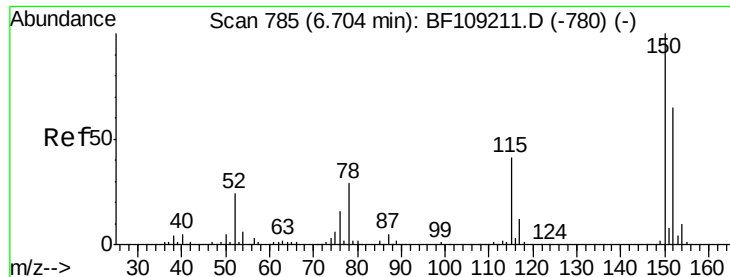
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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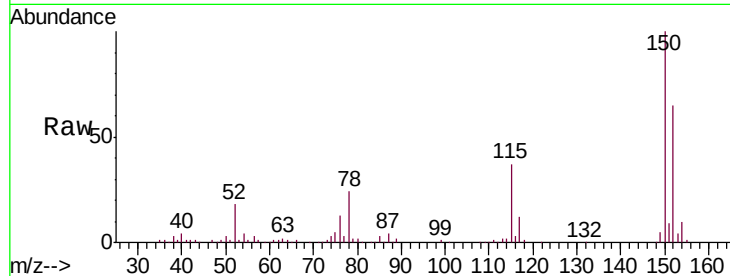


#1

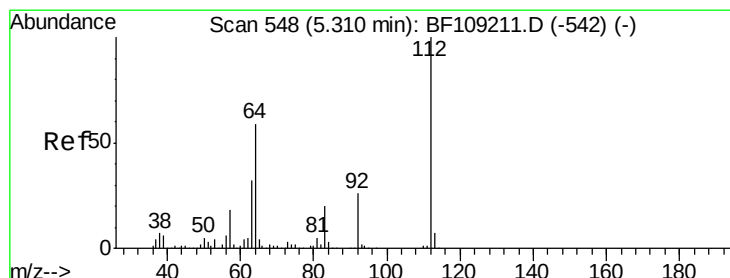
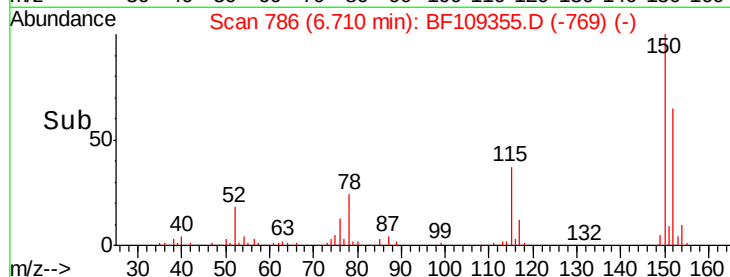
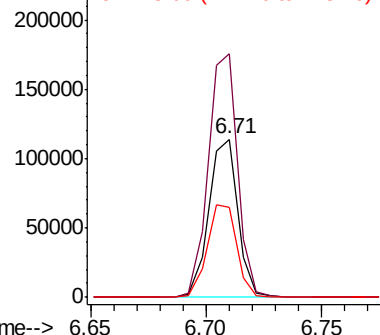
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109355.D
 Acq: 26 Sep 2018 23:26

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

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



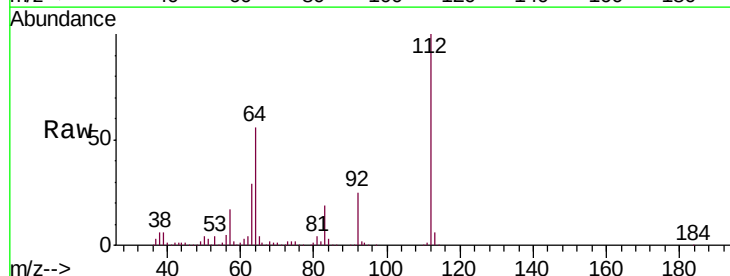
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



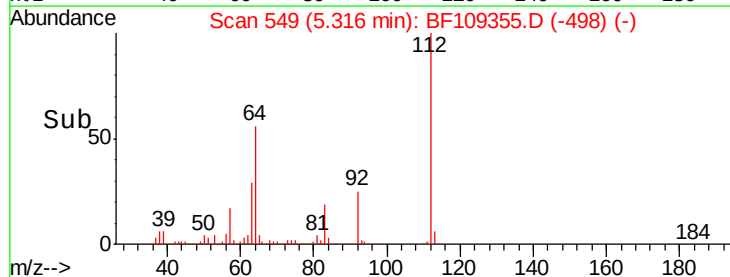
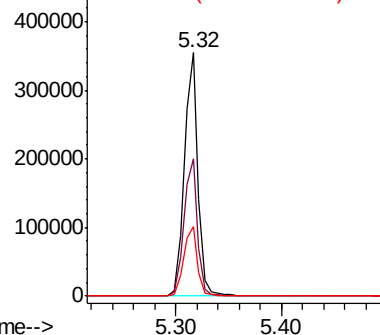
#5

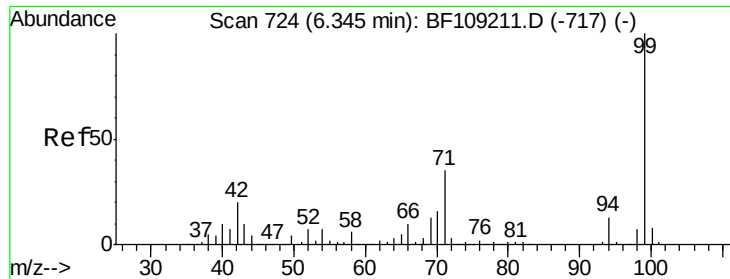
2-Fluorophenol
 Concen: 53.100 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109355.D
 Acq: 26 Sep 2018 23:26

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

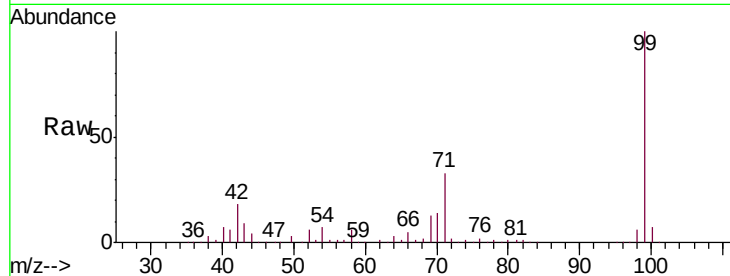
Tgt Ion: 99 Resp: 253437

Ion Ratio Lower Upper

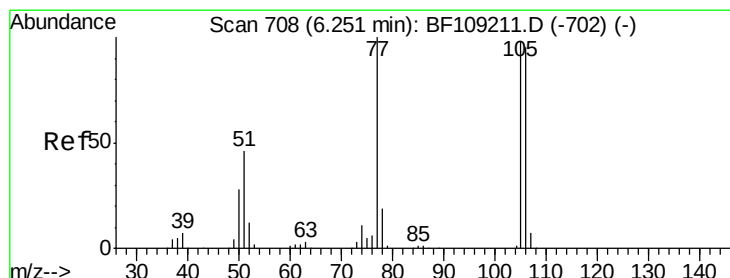
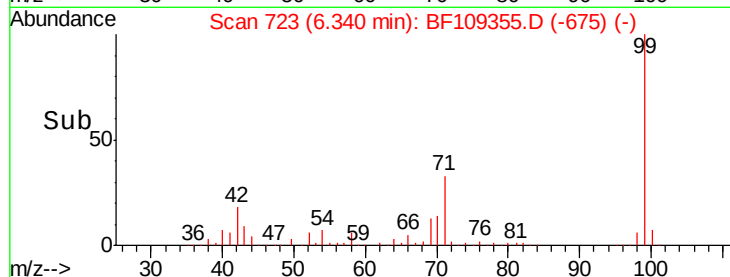
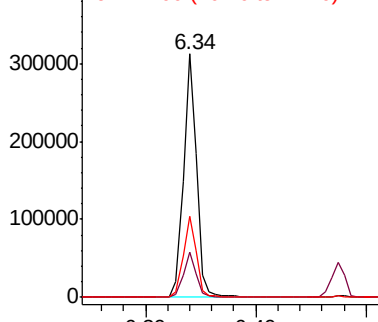
99 100

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



#9

Benzaldehyde

Concen: 2.567 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109355.D

Acq: 26 Sep 2018 23:26

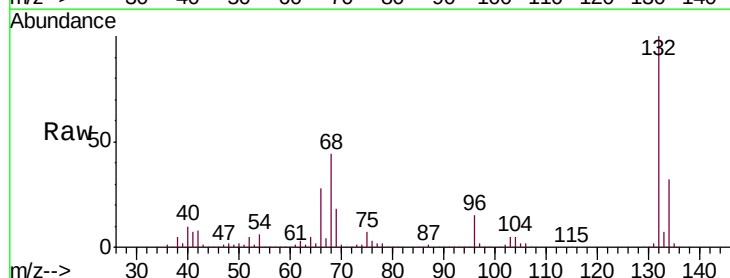
Tgt Ion: 77 Resp: 12735

Ion Ratio Lower Upper

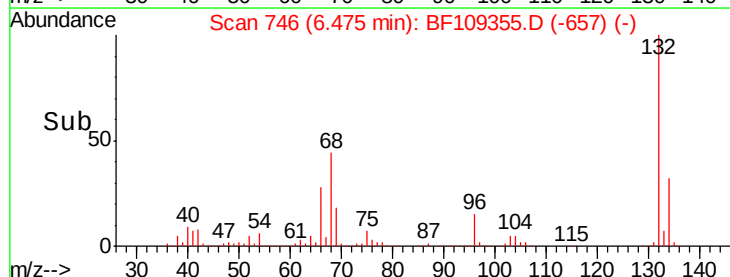
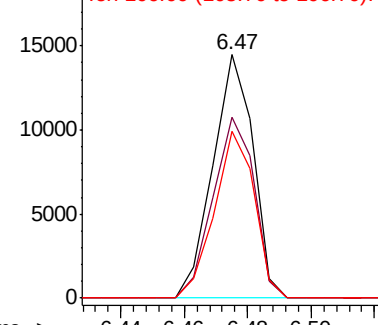
77 100

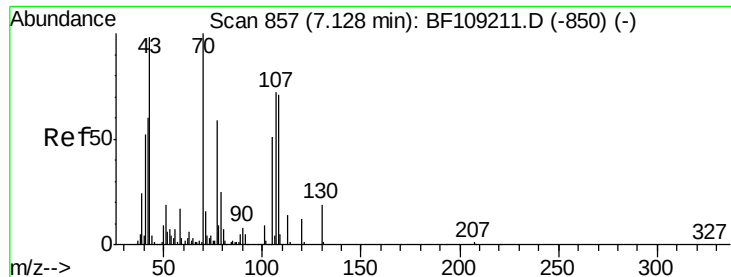
105 74.1 81.1 121.1#

106 68.3 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

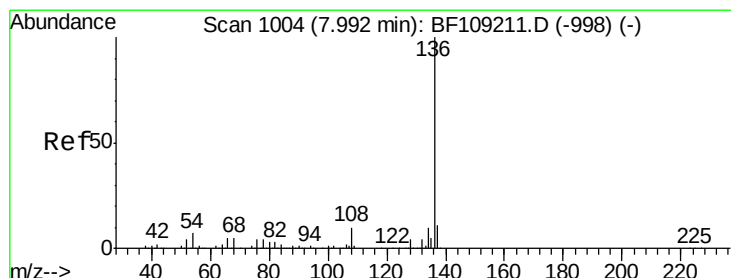
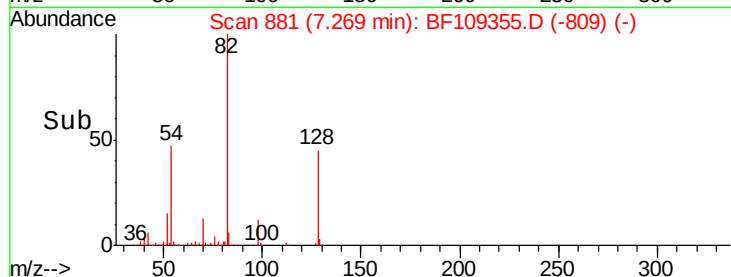
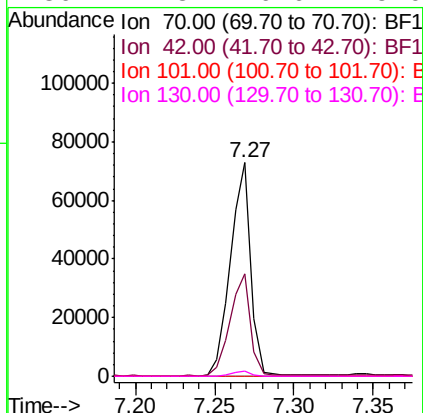
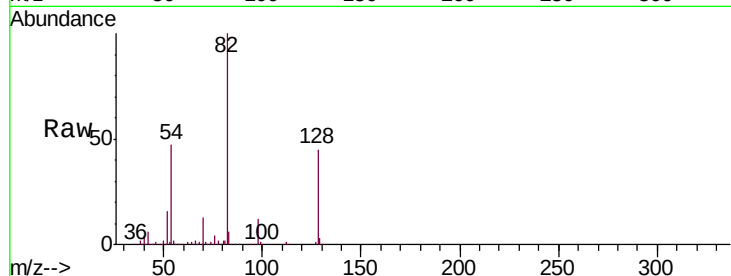




#19
n-Nitroso-di-n-propylamine
Concen: 12.975 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109355.D
Acq: 26 Sep 2018 23:26

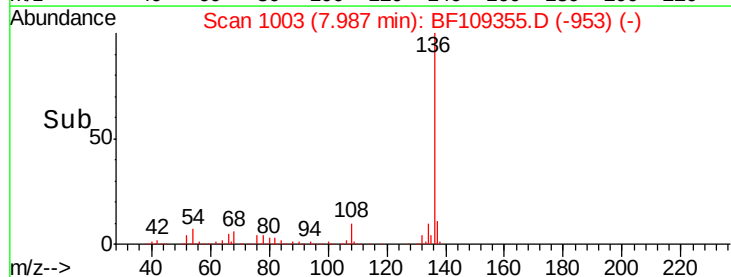
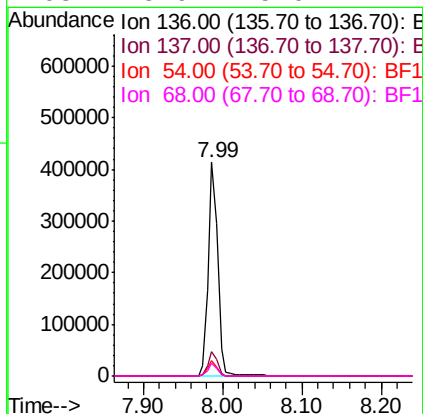
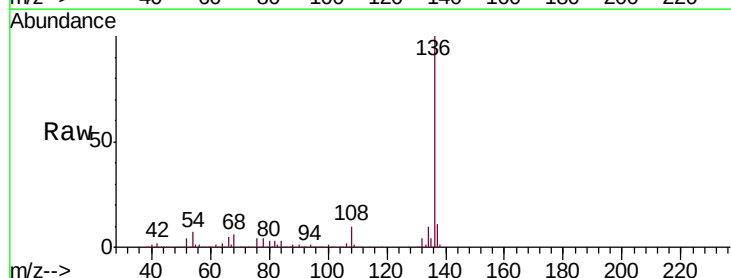
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

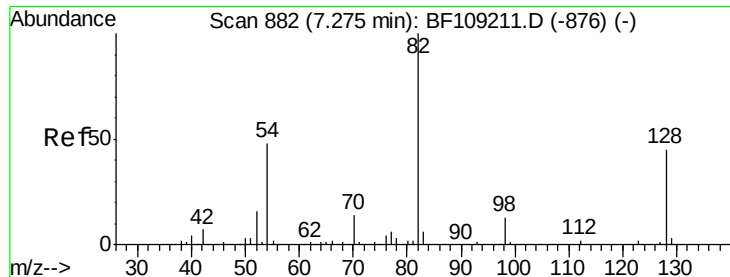
Tgt Ion: 70 Resp: 65647
Ion Ratio Lower Upper
70 100
42 48.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#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

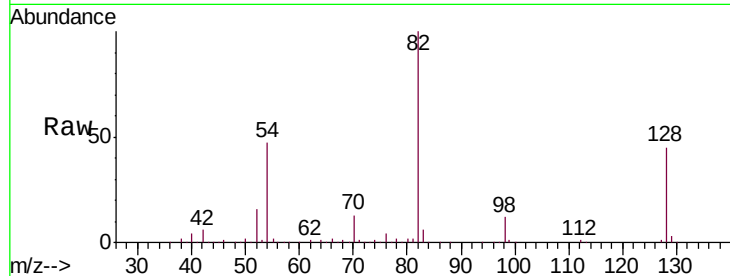




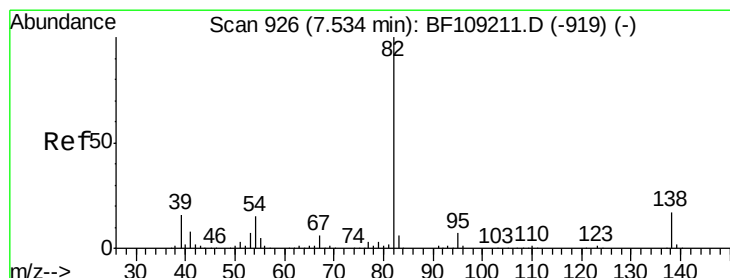
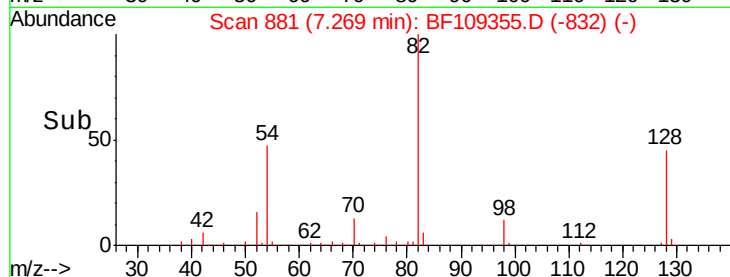
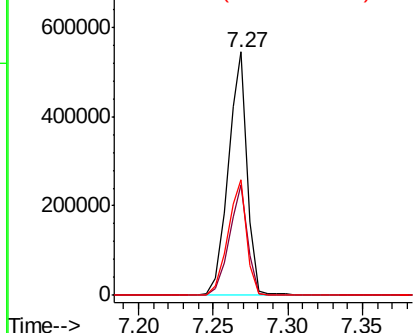
#23
 Nitrobenzene-d5
 Concen: 83.014 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109355.D
 Acq: 26 Sep 2018 23:26

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

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

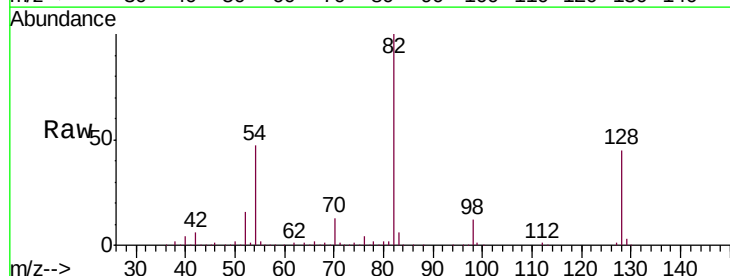


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

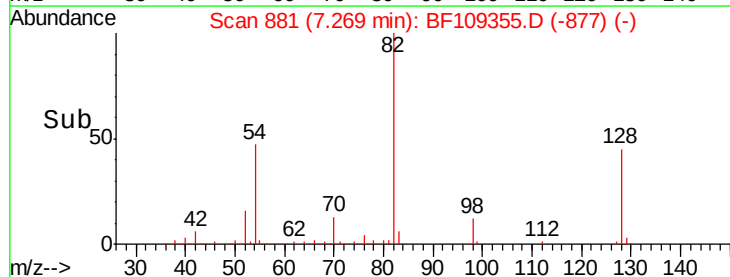
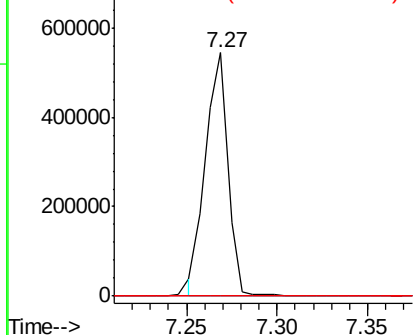


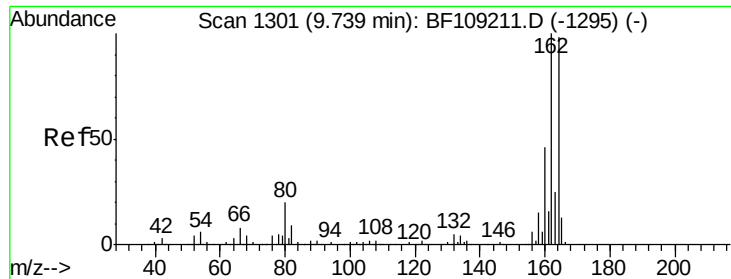
#25
 Isophorone
 Concen: 44.250 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109355.D
 Acq: 26 Sep 2018 23:26

Tgt Ion: 82 Resp: 468835
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

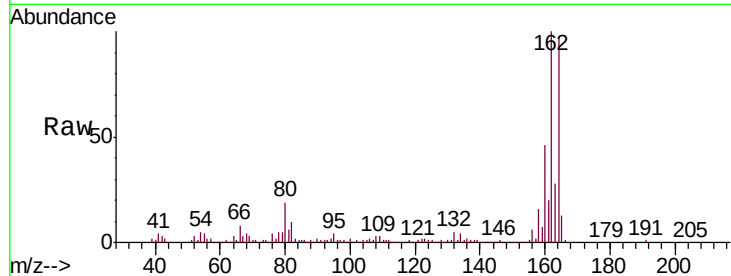




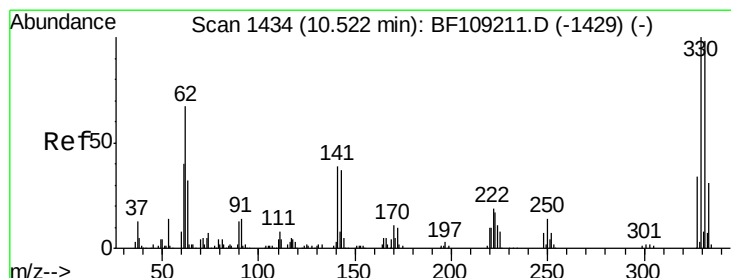
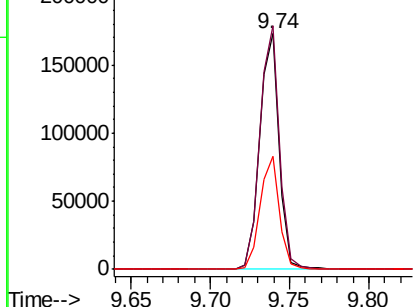
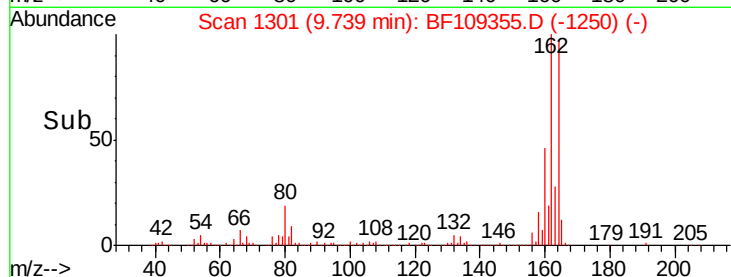
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109355.D
 Acq: 26 Sep 2018 23:26

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

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

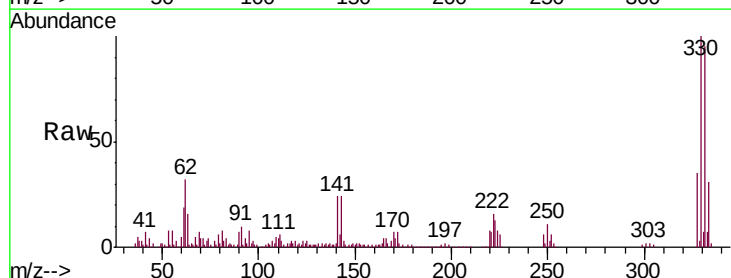


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

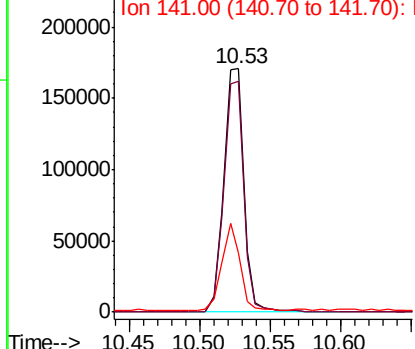
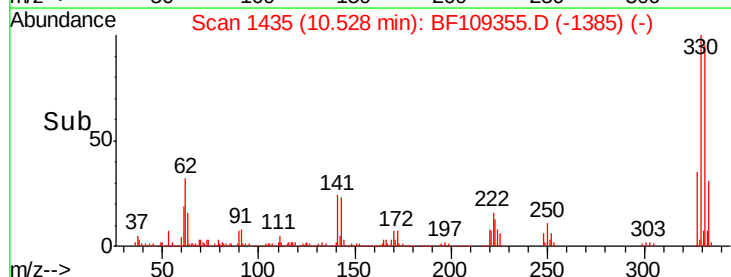


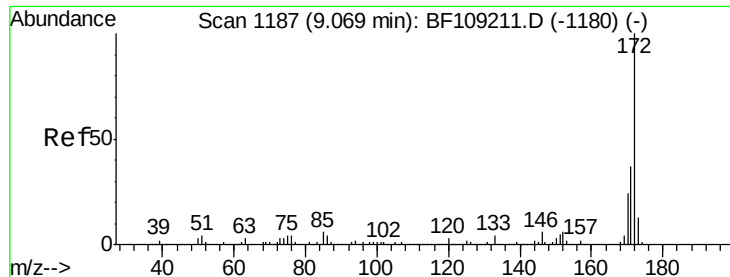
#41
 2,4,6-Tribromophenol
 Concen: 116.021 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109355.D
 Acq: 26 Sep 2018 23:26

Tgt Ion:	330	Resp:	169719
Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	33.0	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

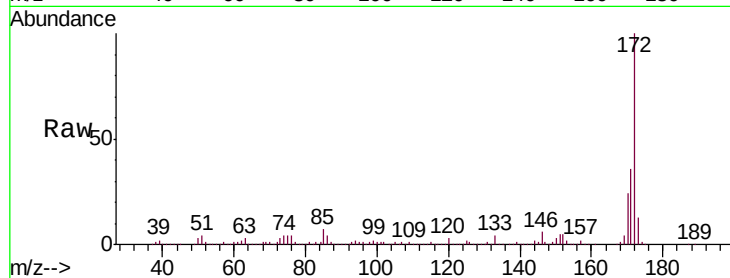




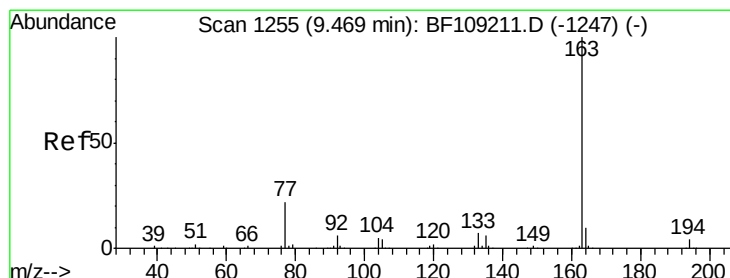
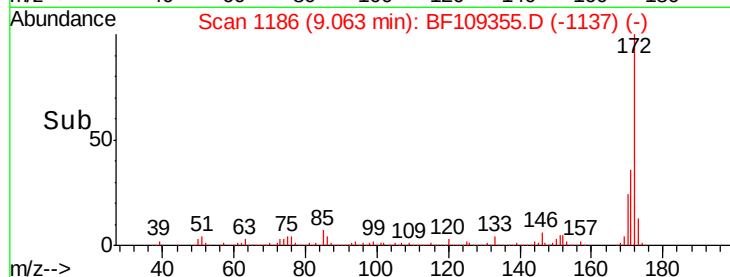
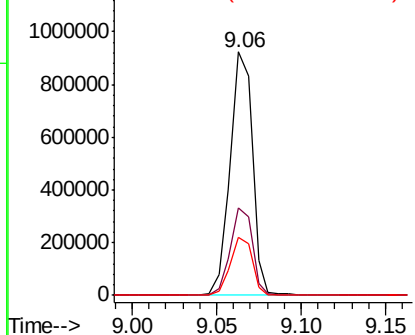
#44
2-Fluorobiphenyl
Concen: 86.276 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109355.D
Acq: 26 Sep 2018 23:26

Instrument :
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ClientSampleId :
OILY-WATER

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

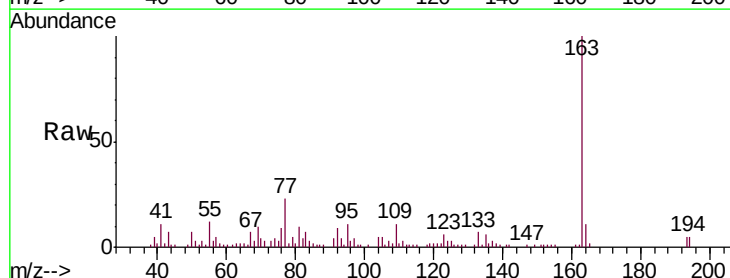


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

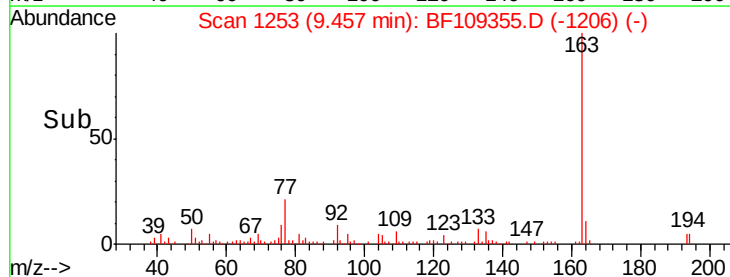
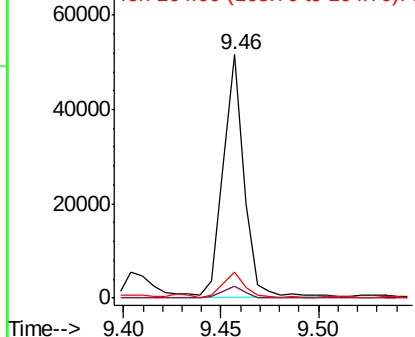


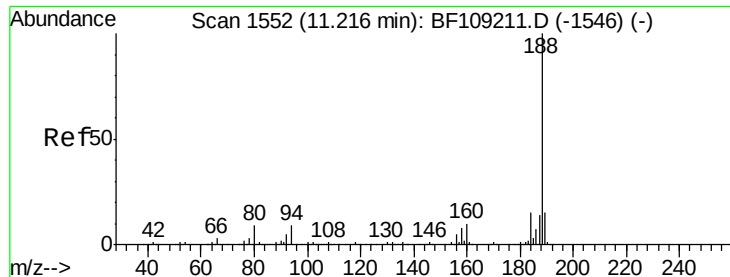
#49
Dimethylphthalate
Concen: 3.552 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109355.D
Acq: 26 Sep 2018 23:26

Tgt 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

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

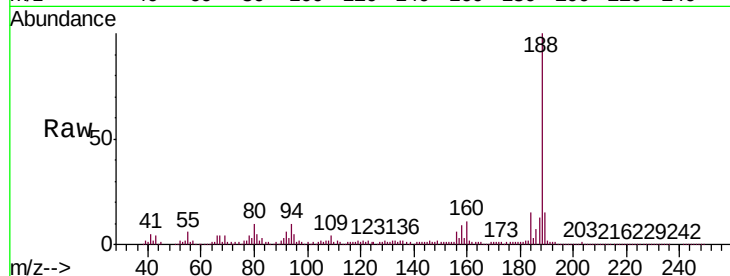
Tgt Ion:188 Resp: 258737

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

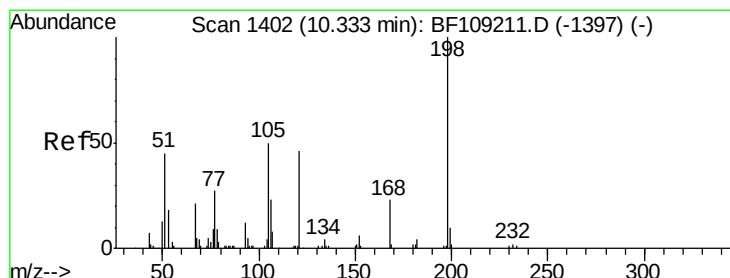
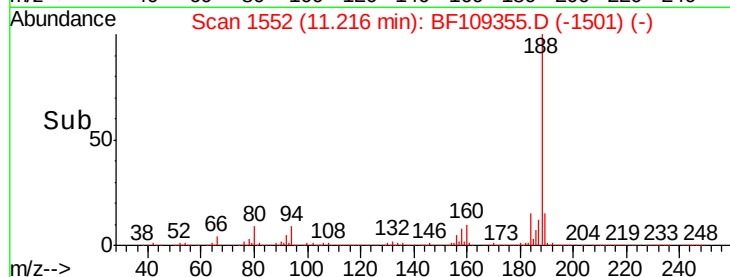
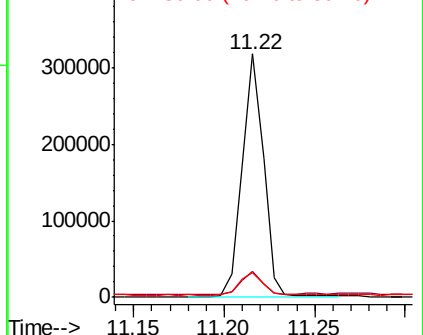
80 10.4 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.856 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.18 min

Lab File: BF109355.D

Acq: 26 Sep 2018 23:26

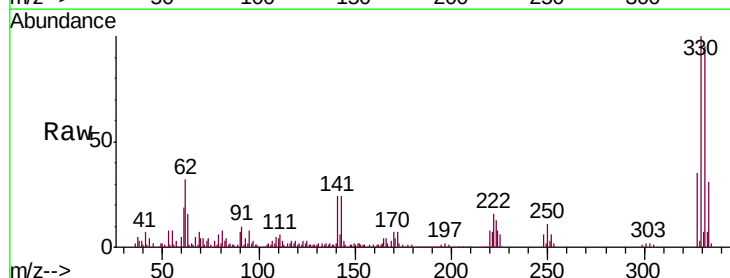
Tgt Ion:198 Resp: 403

Ion Ratio Lower Upper

198 100

51 340.5 37.7 77.7#

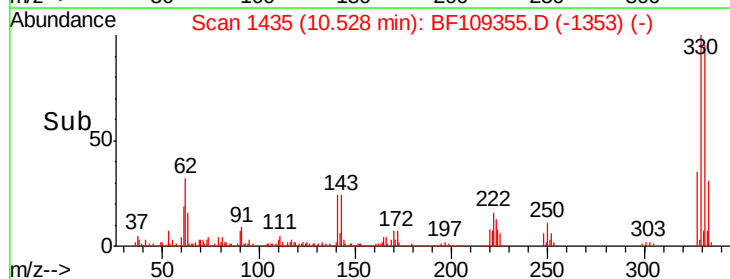
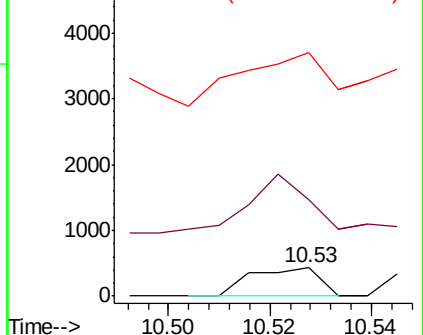
105 860.9 36.3 76.3#

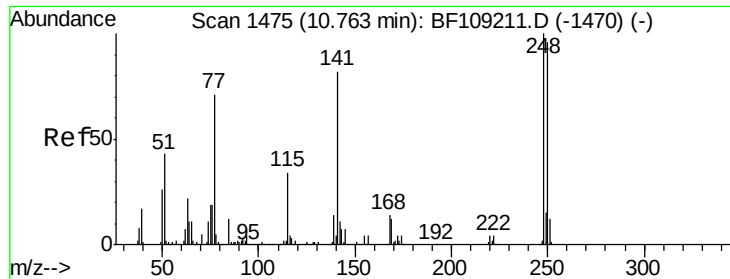


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

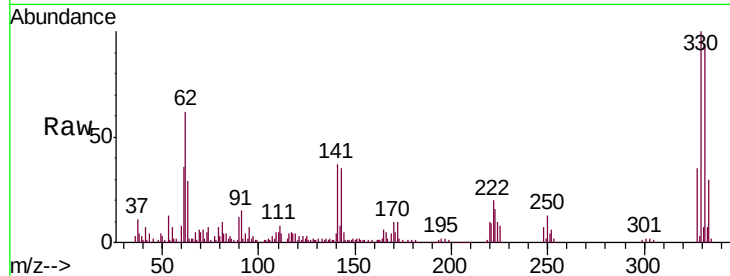




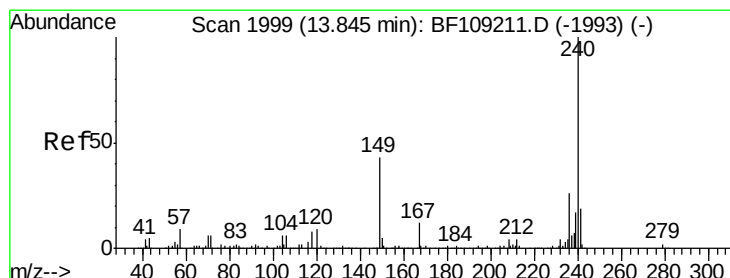
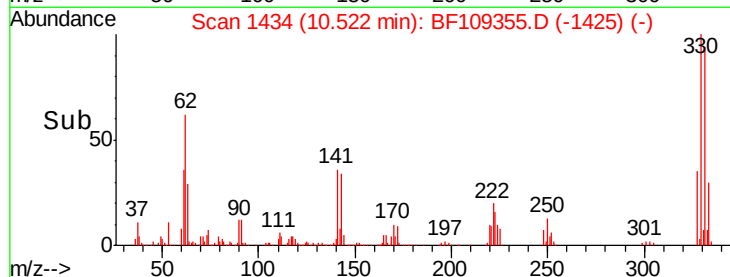
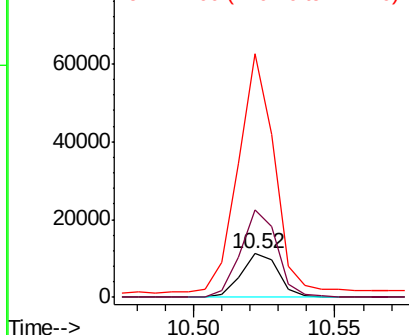
#66
4-Bromophenyl-phenylether
Concen: 3.595 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109355.D
Acq: 26 Sep 2018 23:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:248 Resp: 10330
Ion Ratio Lower Upper
248 100
250 200.2 76.9 115.3#
141 560.0 74.4 111.6#

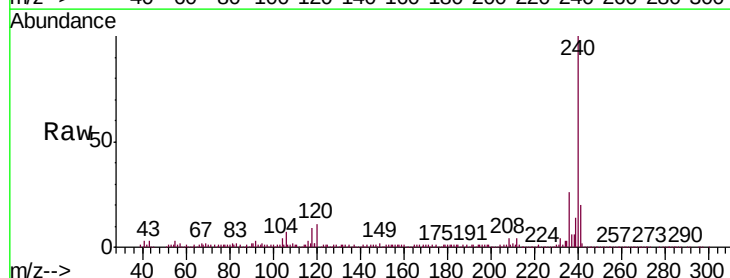


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

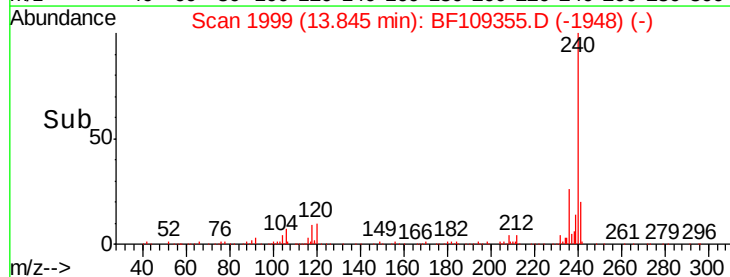
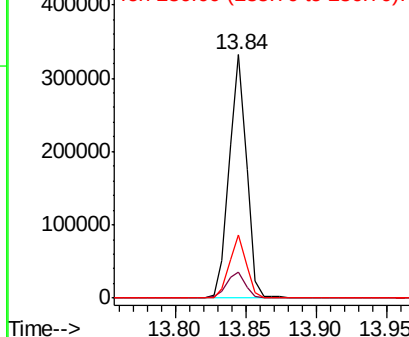


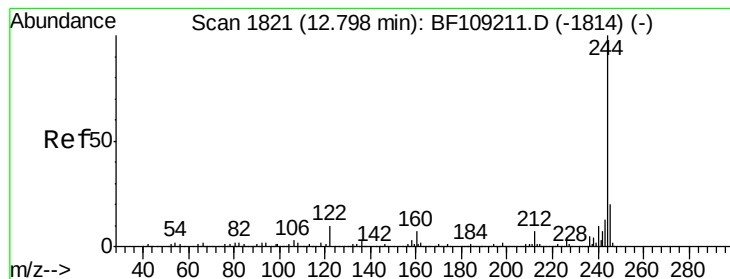
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109355.D
Acq: 26 Sep 2018 23:26

Tgt 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

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

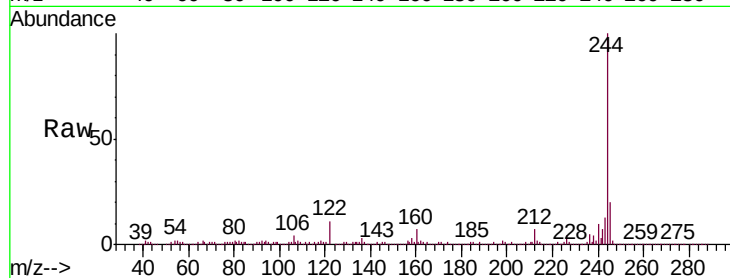
Tgt Ion:244 Resp: 804759

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

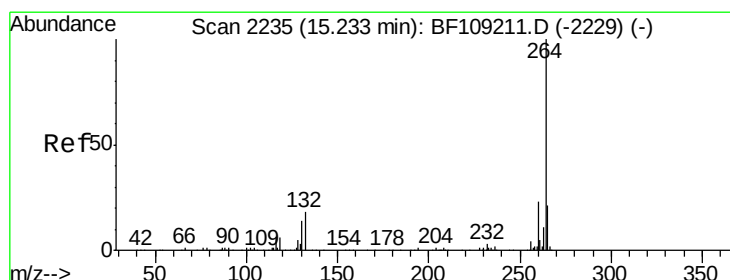
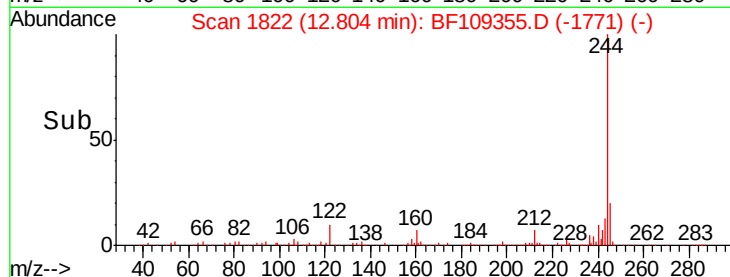
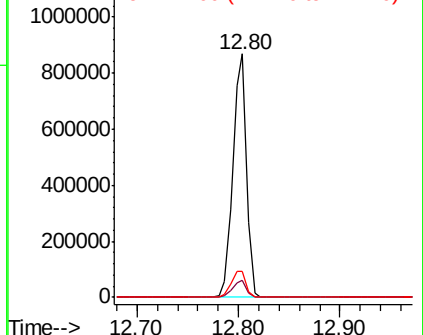
122 10.6 11.0 16.4#



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

Perylene-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

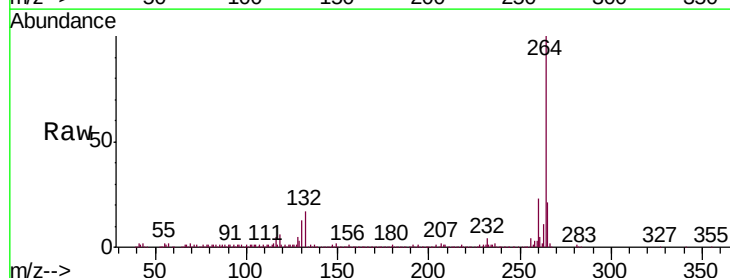
Tgt Ion:264 Resp: 256612

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 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

