

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102959.D
 Acq On : 13 Feb 2018 14:09
 Operator : SJ/JU
 Sample : J1527-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Feb 14 00:49:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

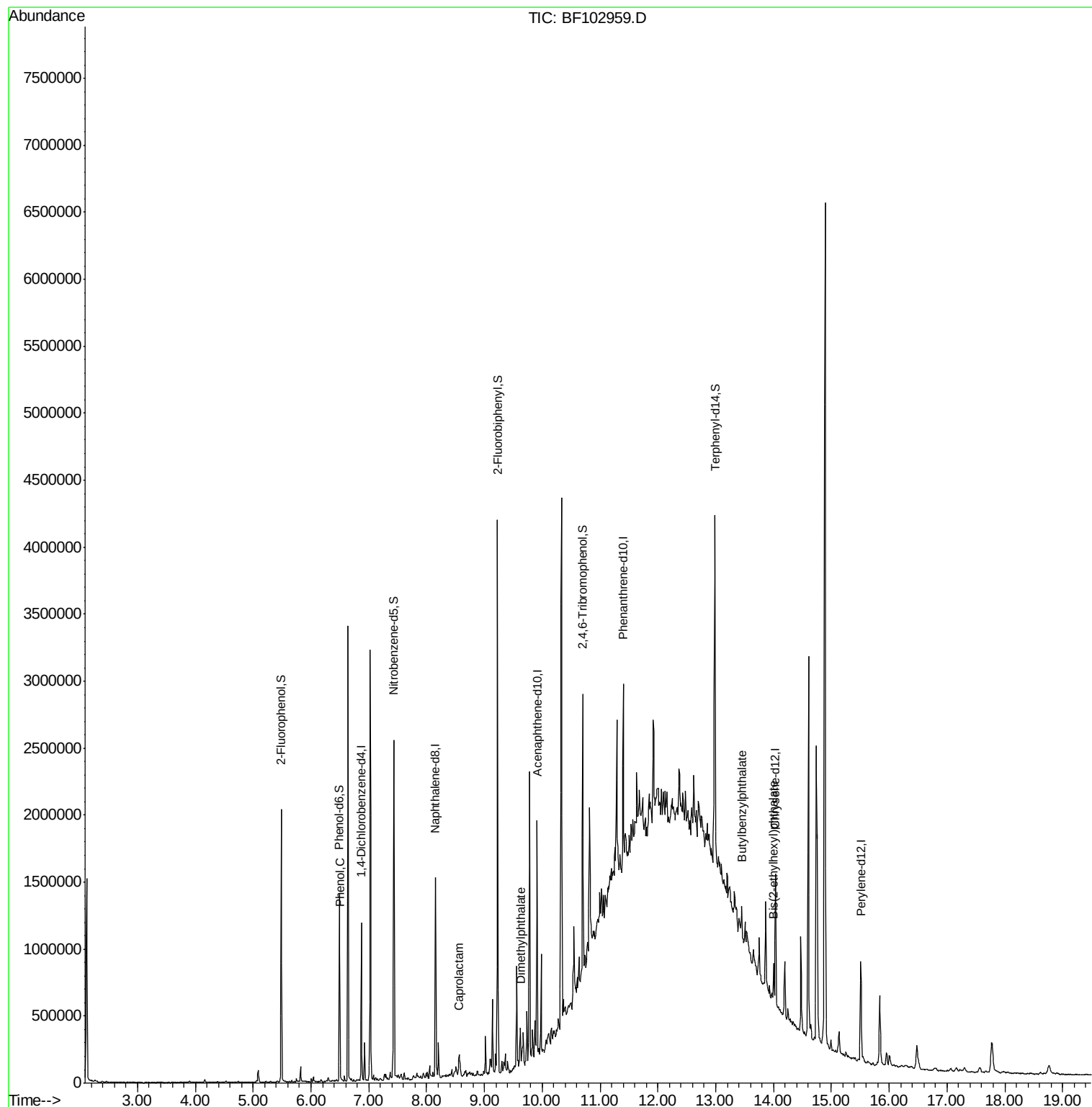
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	159994	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	690241	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	311120	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	486586	20.00	ng	0.00
75) Chrysene-d12	14.03	240	326945	20.00	ng	0.00
86) Perylene-d12	15.51	264	321913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	519656	49.33	ng	0.00
7) Phenol-d6	6.49	99	420645	33.16	ng	0.00
23) Nitrobenzene-d5	7.43	82	864480	86.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	290552	116.03	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1424566	75.98	ng	-0.01
78) Terphenyl-d14	12.99	244	1145125	82.93	ng	0.00
Target Compounds						
10) Phenol	6.50	94	33782	2.485	ng	86
35) Caprolactam	8.56	113	18556	6.072	ng	# 71
49) Dimethylphthalate	9.62	163	84062	3.465	ng	99
79) Butylbenzylphthalate	13.45	149	31257	3.519	ng	94
83) Bis(2-ethylhexyl)phthalate	14.00	149	72508	4.617	ng	# 99

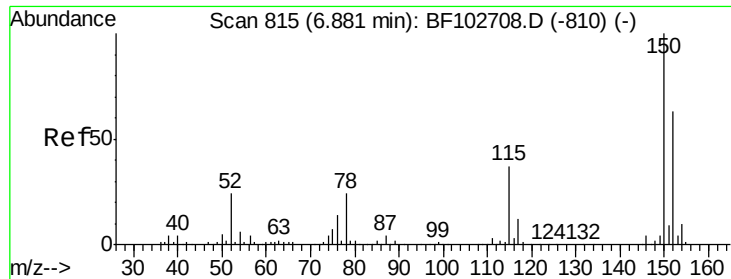
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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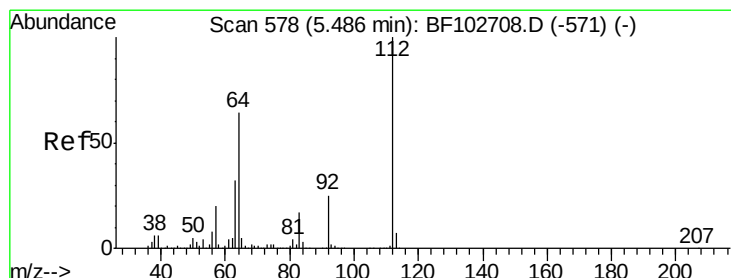
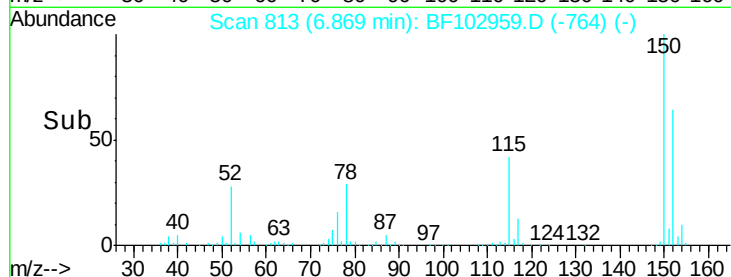
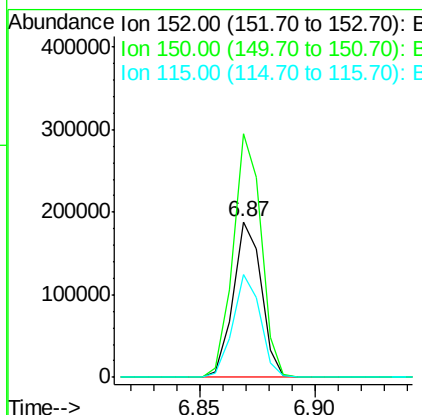
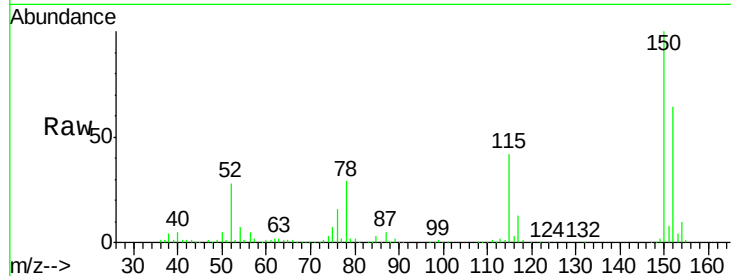


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

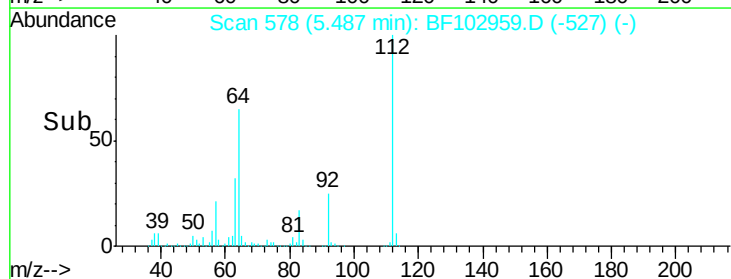
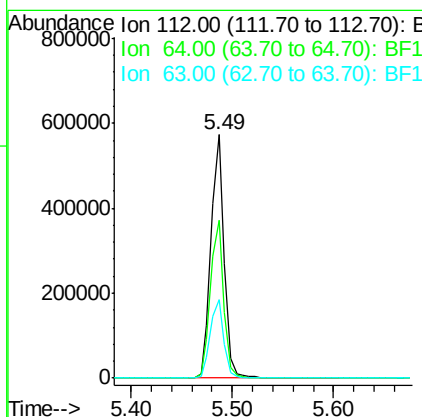
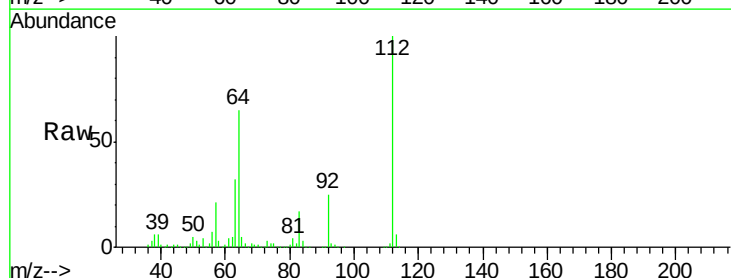
Tot Ion:152 Resp: 159994
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 65.8 50.1 75.1

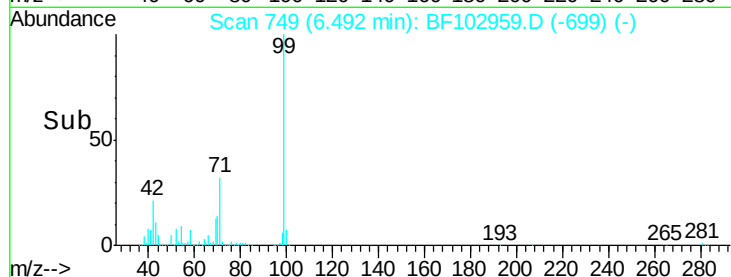
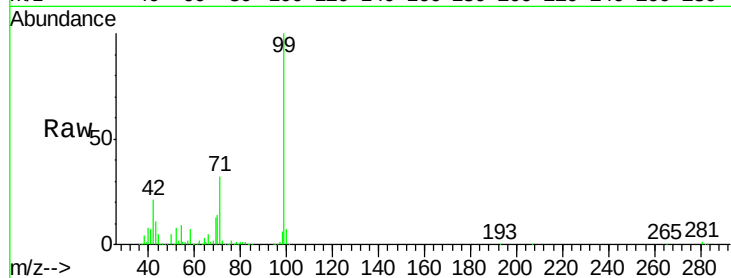
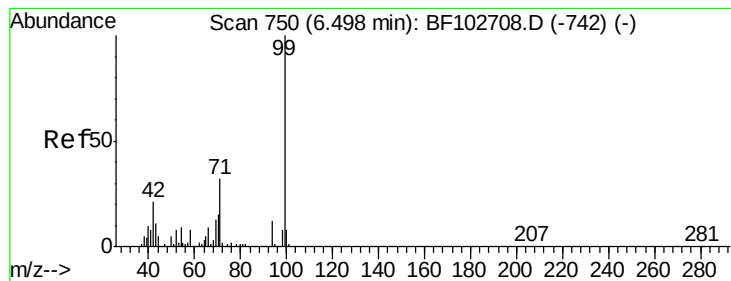


#5

2-Fluorophenol
Concen: 49.326 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Tgt Ion:112 Resp: 519656
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 32.5 23.7 35.5





#7

Phenol-d6

Concen: 33.161 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

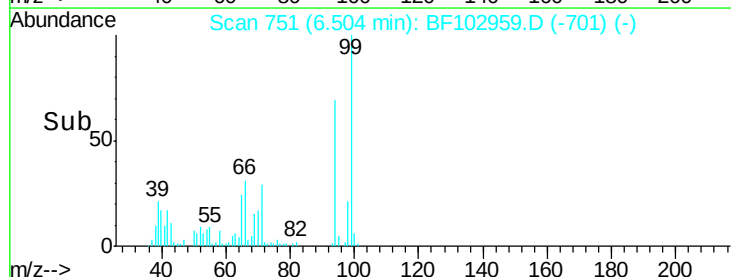
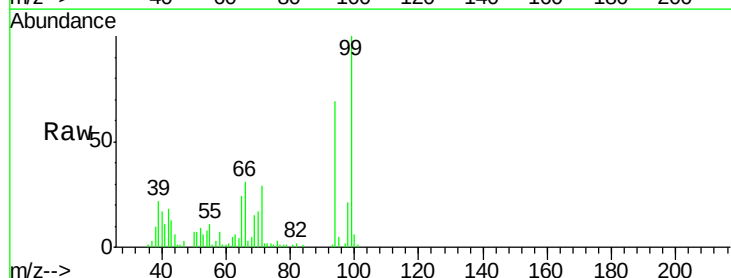
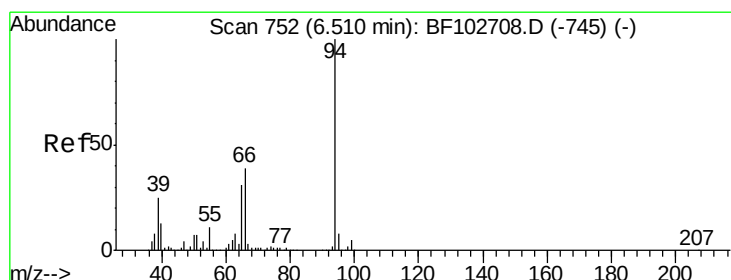
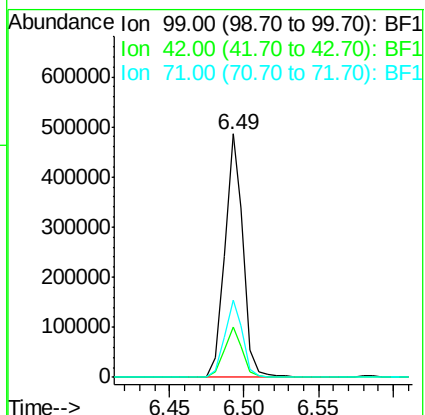
Tot Ion: 99 Resp: 420645

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 32.0 25.4 38.0



#10

Phenol

Concen: 2.485 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

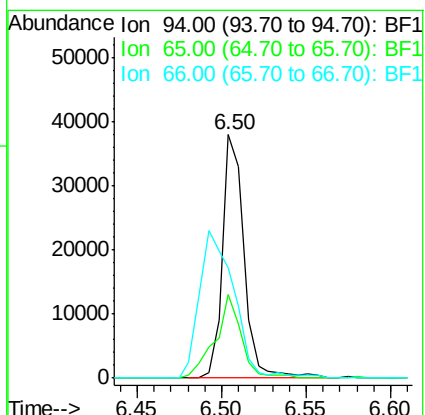
Tgt Ion: 94 Resp: 33782

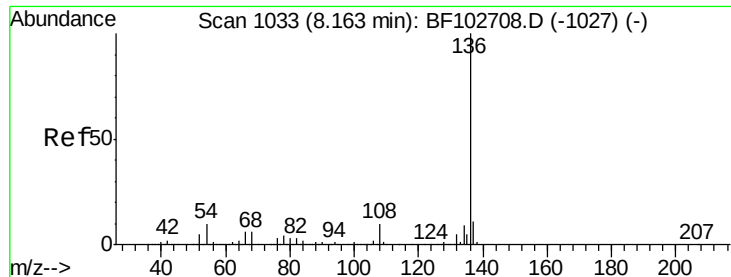
Ion Ratio Lower Upper

94 100

65 34.2 7.9 47.9

66 45.5 16.2 56.2

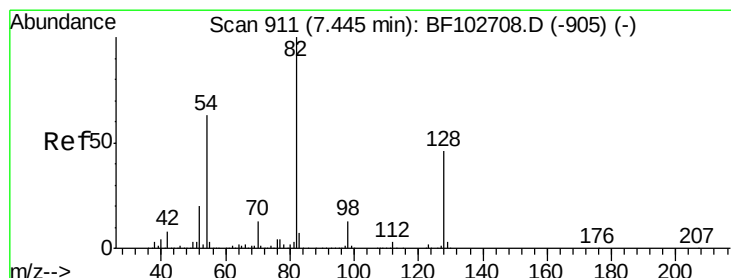
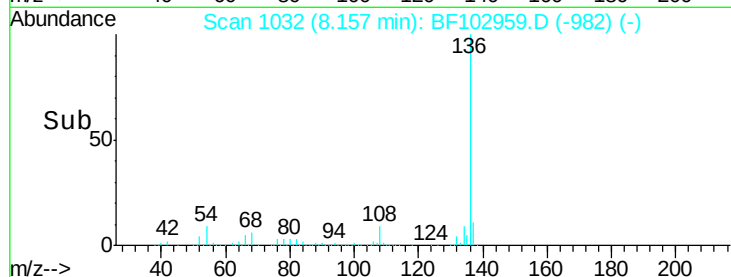
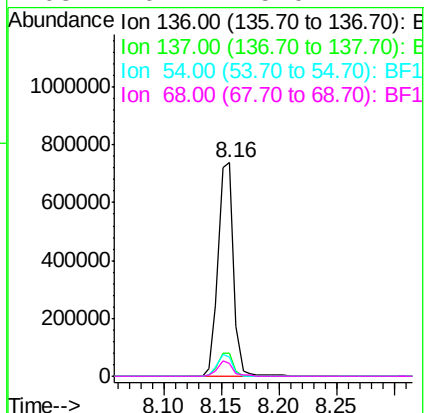
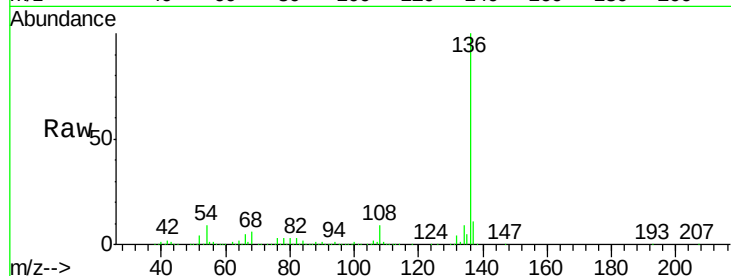




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

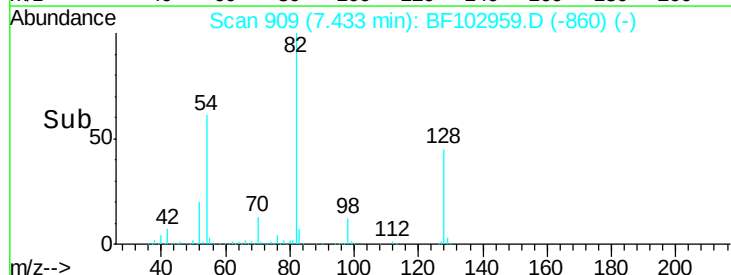
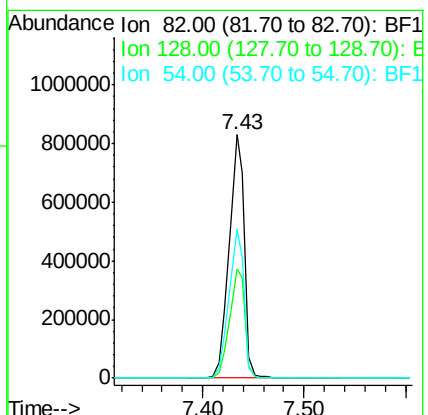
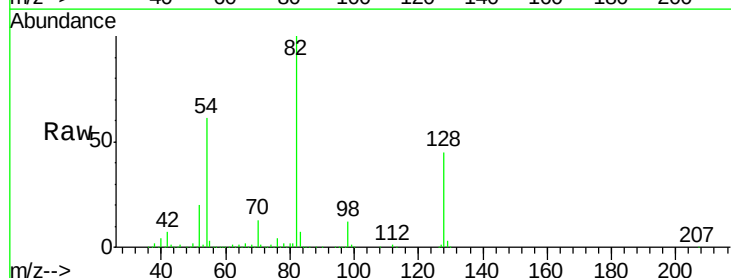
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

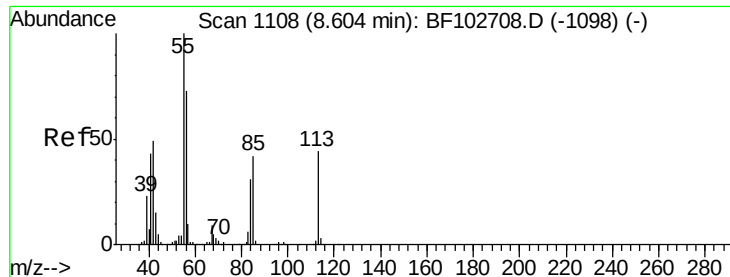
Tot Ion:136	Resp:	690241
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	9.1	6.6 9.8
68	6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 86.882 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Tgt Ion: 82	Resp:	864480
Ion Ratio	Lower	Upper
82	100	
128	45.0	36.1 54.1
54	60.9	41.4 62.2

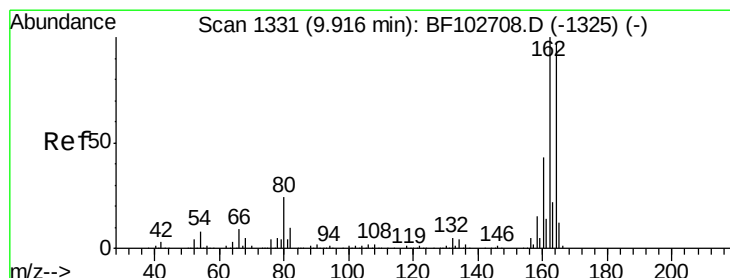
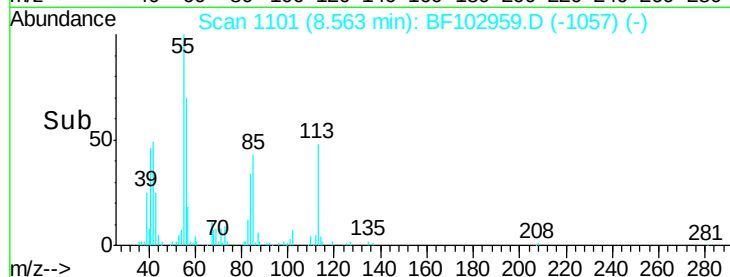
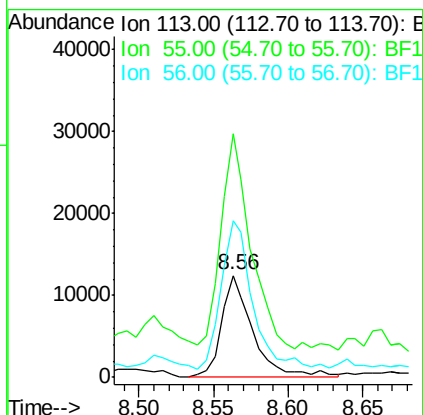
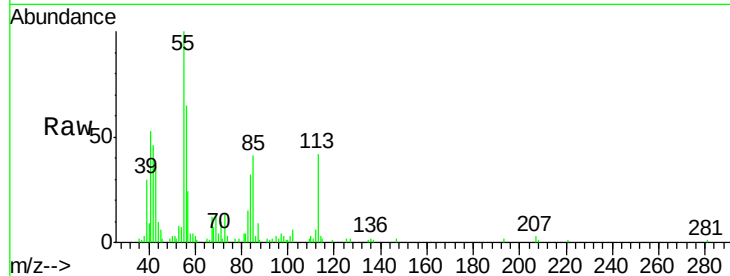




#35
 Caprolactam
 Concen: 6.072 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.04 min
 Lab File: BF102959.D
 Acq: 13 Feb 2018 14:09

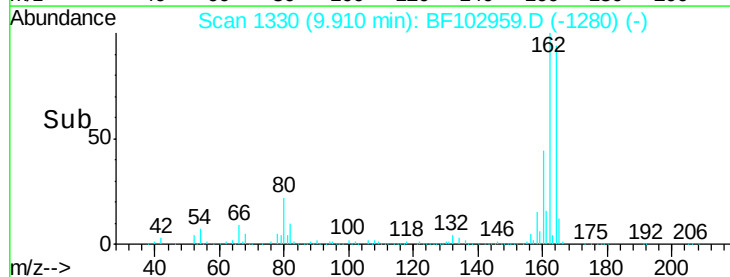
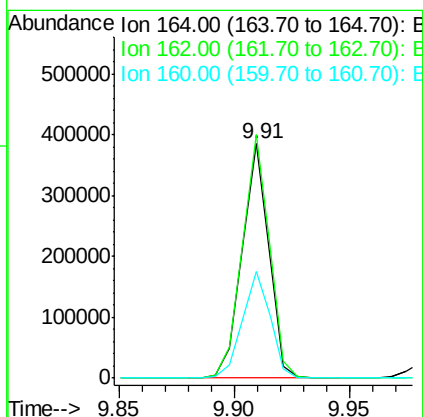
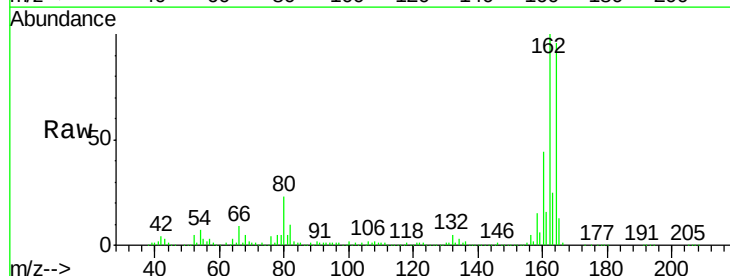
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

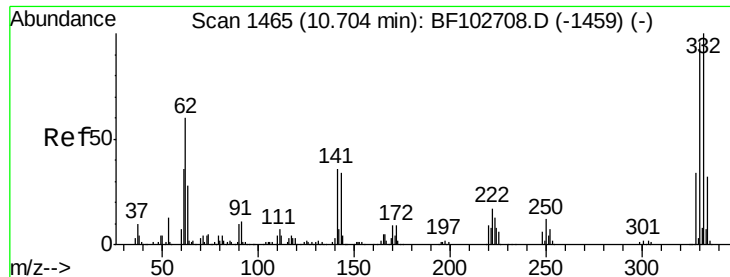
Tot Ion:113 Resp: 18556
 Ion Ratio Lower Upper
 113 100
 55 239.8 163.3 203.3#
 56 154.8 115.7 155.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF102959.D
 Acq: 13 Feb 2018 14:09

Tgt Ion:164 Resp: 311120
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 45.6 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 116.028 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

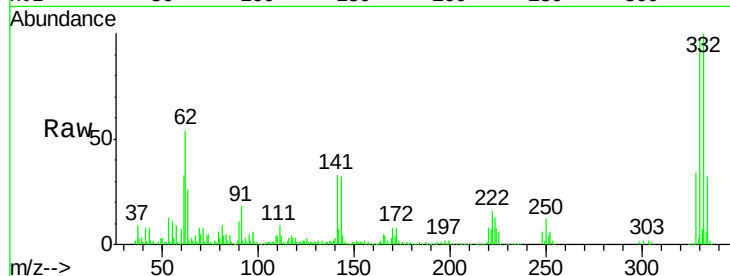
Tot Ion:330 Resp: 290552

Ion Ratio Lower Upper

330 100

332 102.8 77.0 115.6

141 37.7 29.9 44.9

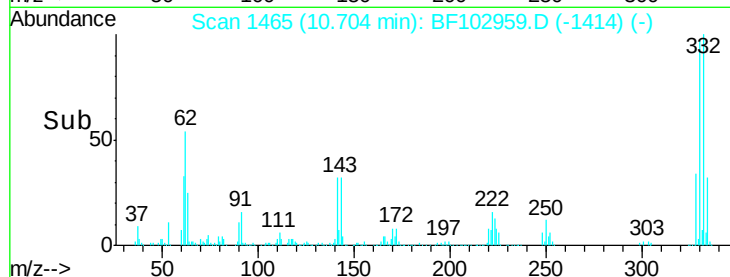


Abundance Ion 329.80 (329.50 to 330.50): E

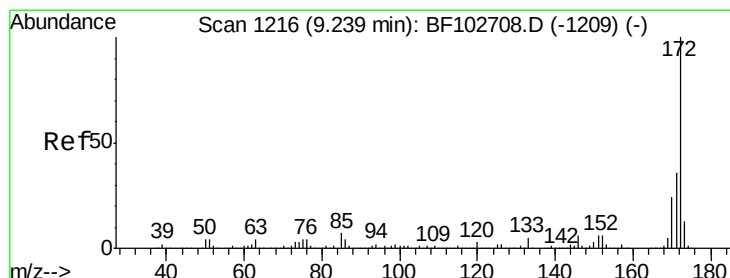
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#44

2-Fluorobiphenyl

Concen: 75.979 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF102959.D

Acq: 13 Feb 2018 14:09

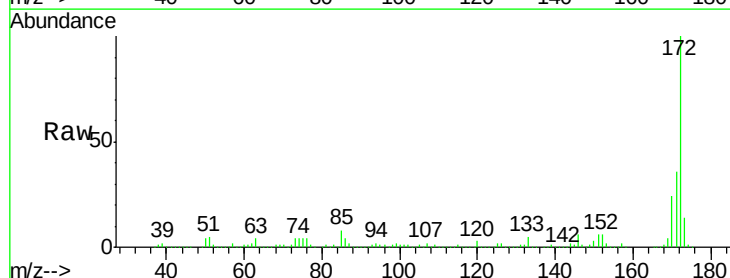
Tgt Ion:172 Resp: 1424566

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

170 24.0 19.6 29.4

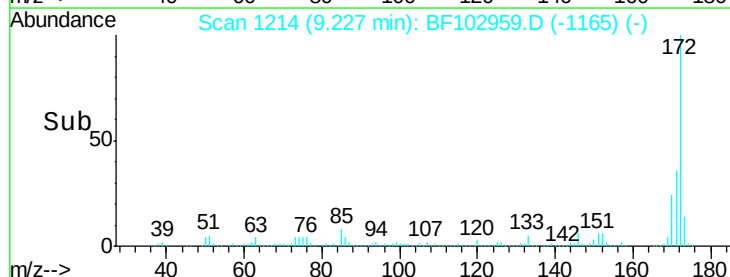


Abundance Ion 172.00 (171.70 to 172.70): E

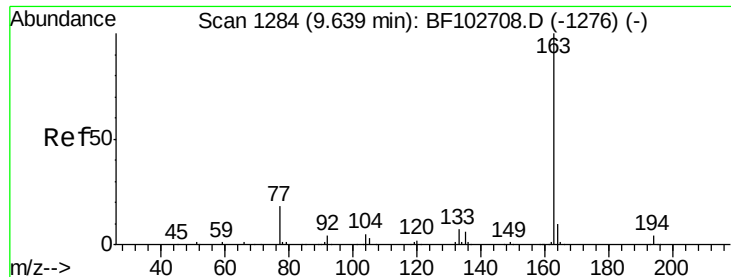
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->



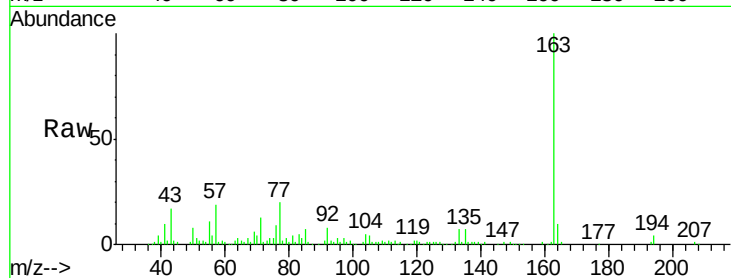
Time-->



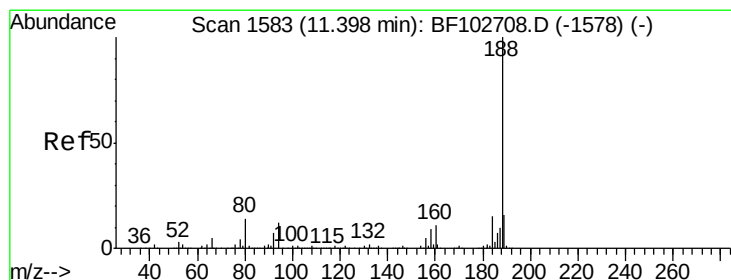
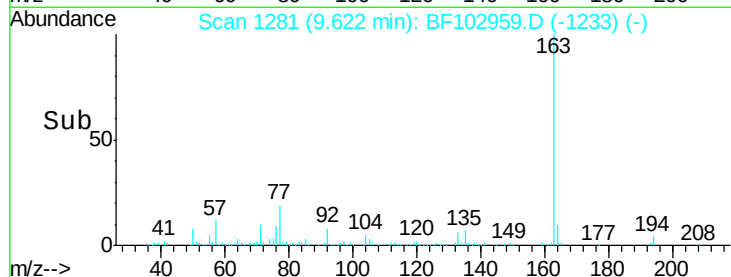
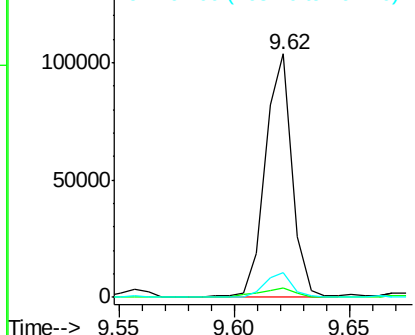
#49
Dimethylphthalate
Concen: 3.465 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion:163 Resp: 84062
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.2 12.2

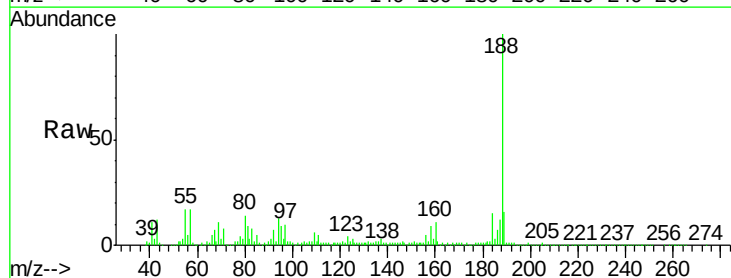


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

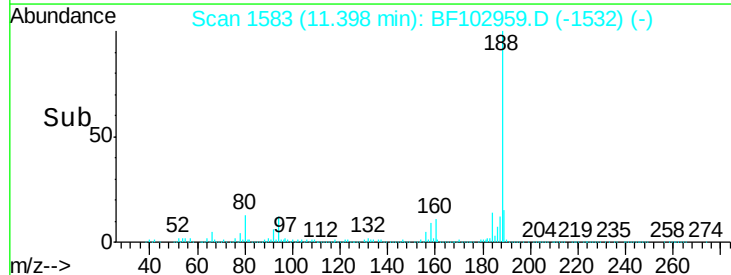
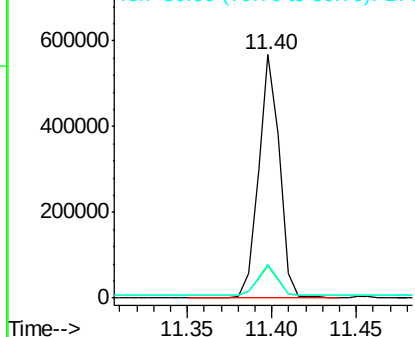


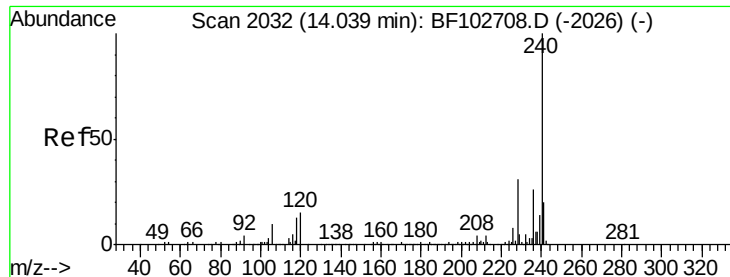
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Tgt Ion:188 Resp: 486586
Ion Ratio Lower Upper
188 100
94 13.5 8.5 12.7#
80 13.8 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

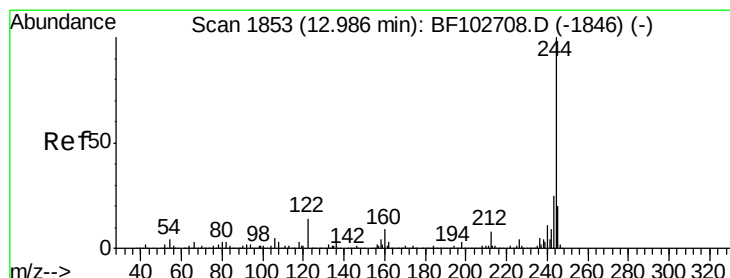
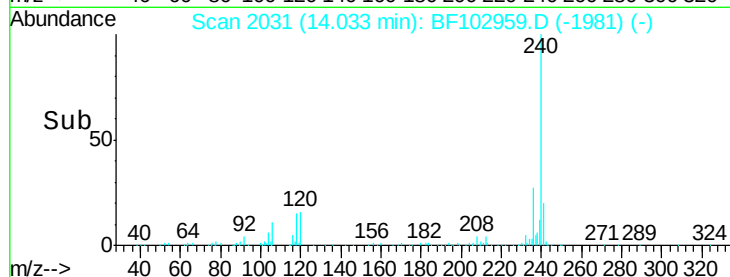
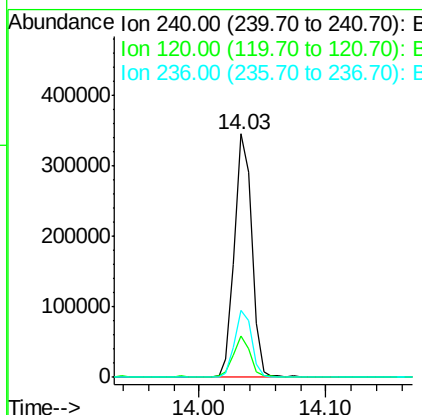
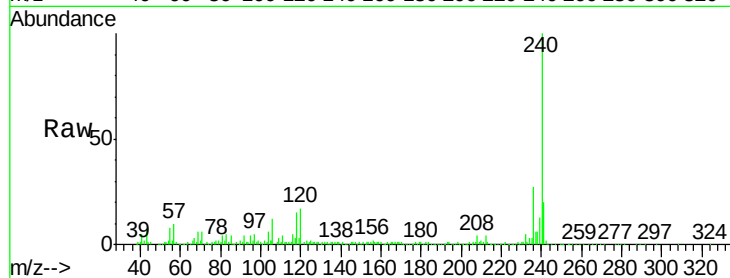




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF102959.D
 Acq: 13 Feb 2018 14:09

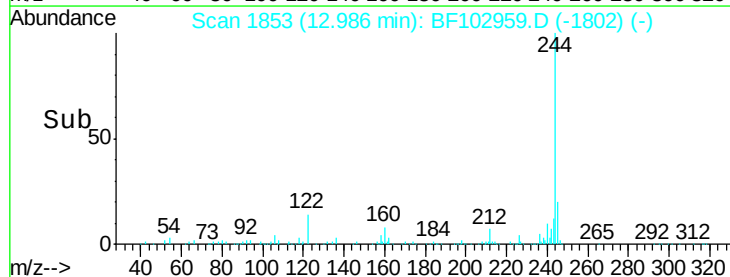
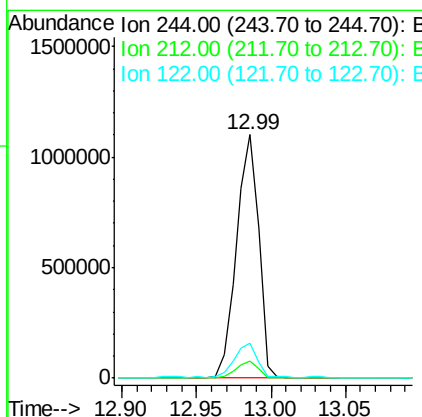
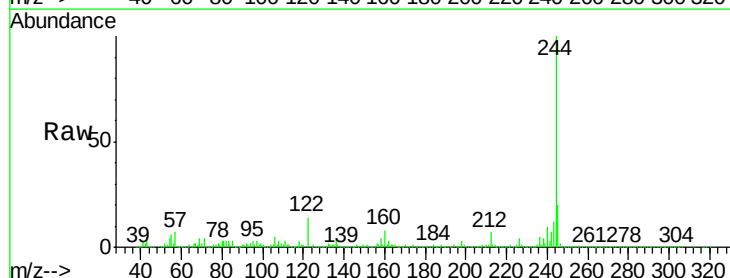
Instrument :
 BNA_F
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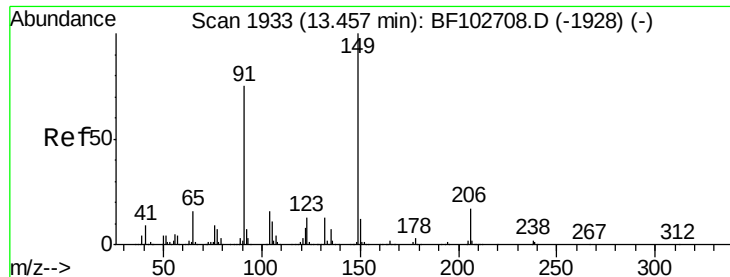
Tot Ion:240 Resp: 326945
 Ion Ratio Lower Upper
 240 100
 120 16.8 9.5 14.3#
 236 27.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 82.931 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF102959.D
 Acq: 13 Feb 2018 14:09

Tgt Ion:244 Resp: 1145125
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.1 11.0 16.4

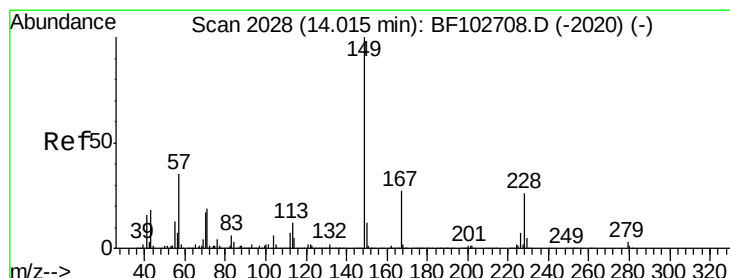
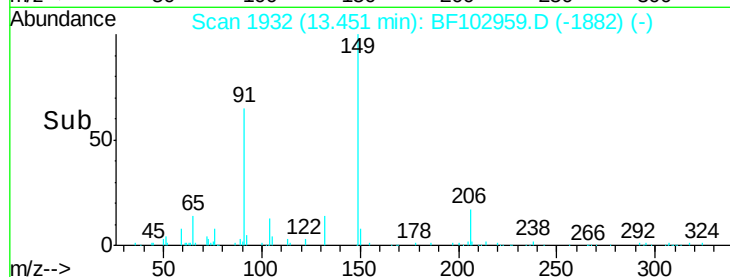
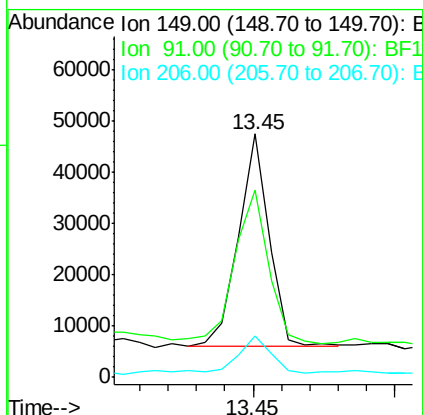
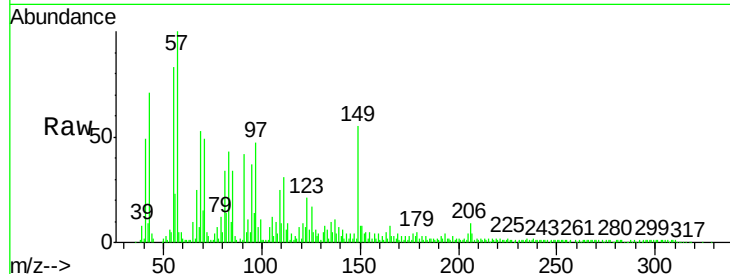




#79
Butylbenzylphthalate
Concen: 3.519 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

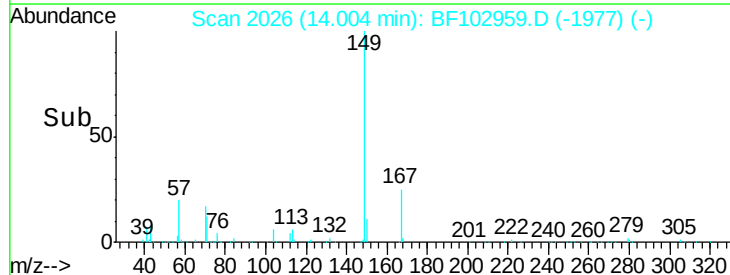
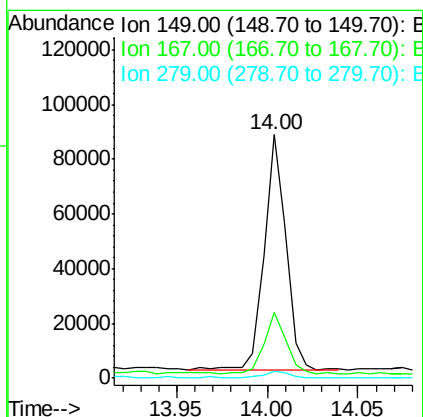
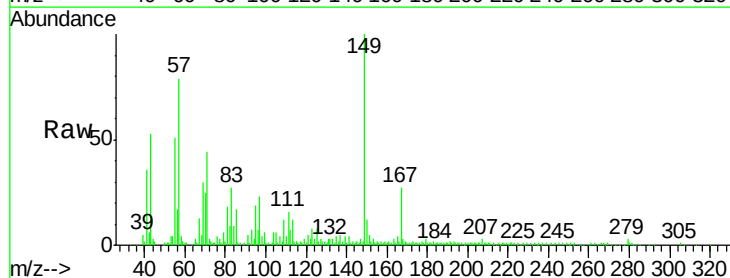
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

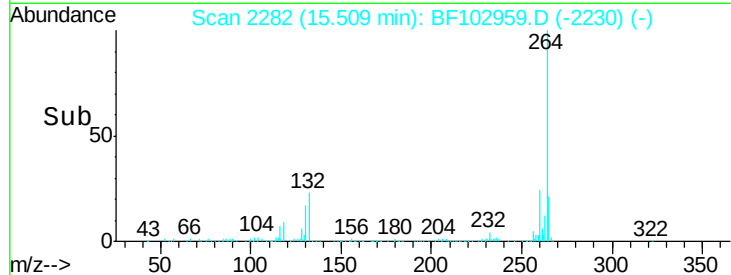
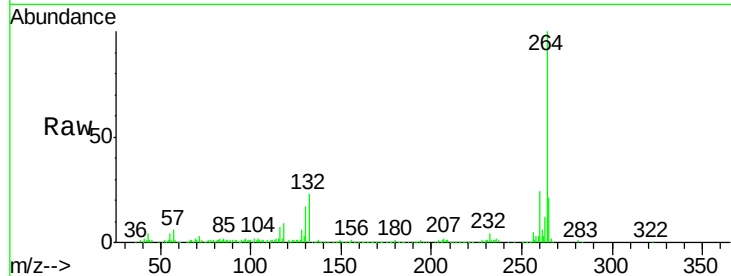
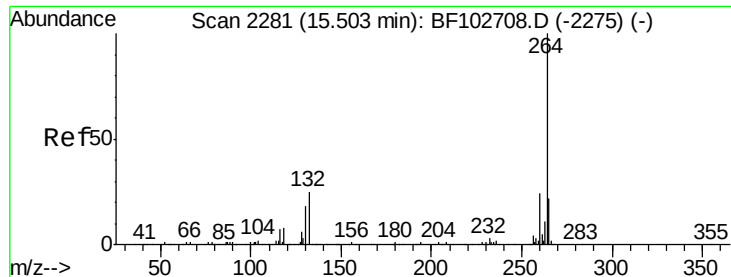
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.7	56.8	85.2
206	16.8	14.1	21.1



#83
Bis(2-ethylhexyl)phthalate
Concen: 4.617 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	2.9	3.0	4.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF102959.D
Acq: 13 Feb 2018 14:09

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.4	17.5	26.3

