

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
 Data File : BF110832.D
 Acq On : 16 Nov 2018 22:17
 Operator : JU/SJ
 Sample : J5976-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Nov 16 23:29:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

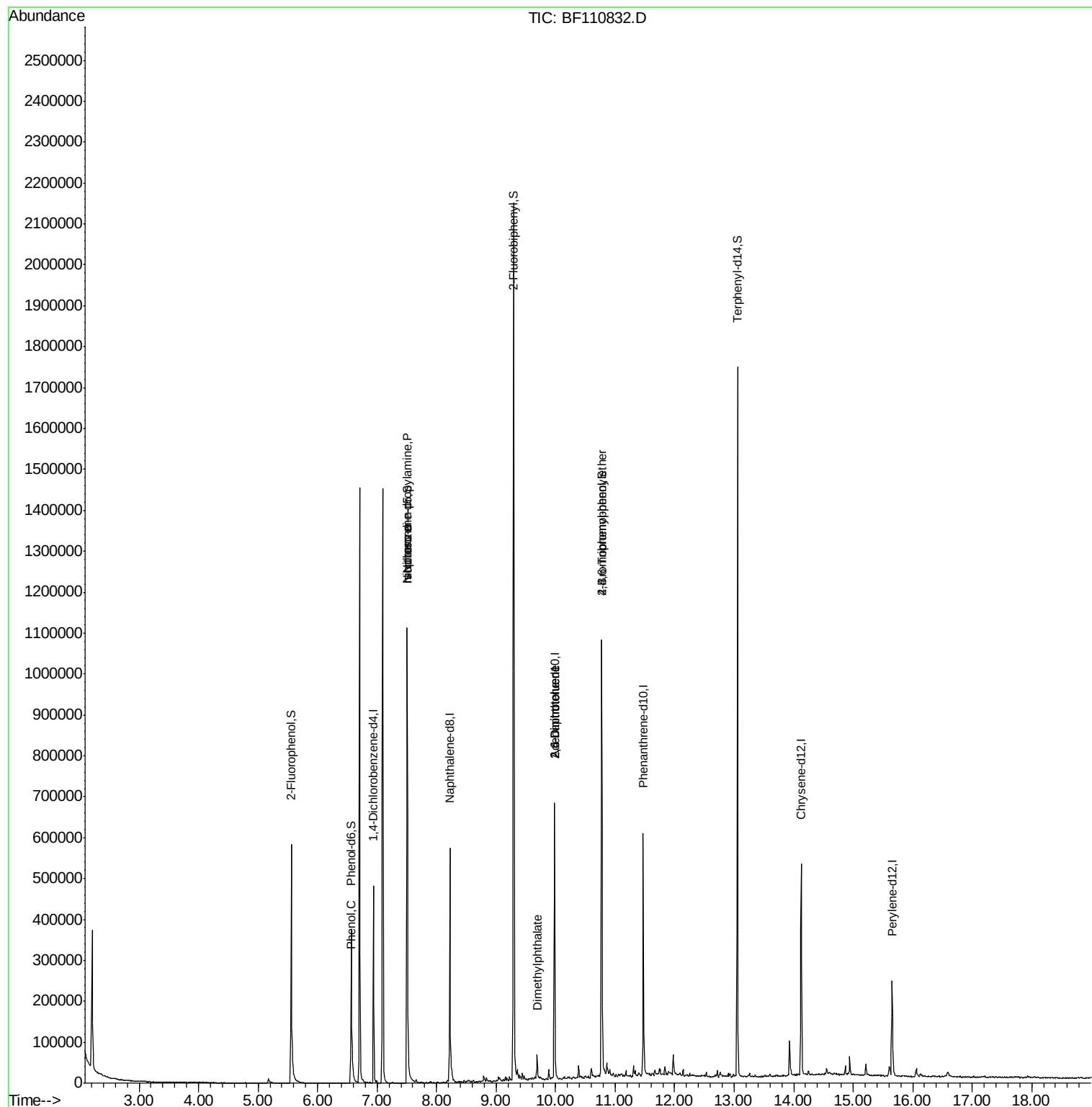
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	75210	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	306998	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	137187	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	221721	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	176562	20.00	ng	-0.01
87) Perylene-d12	15.65	264	133677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	212522	45.90	ng	0.00
7) Phenol-d6	6.56	99	161872	27.34	ng	-0.01
23) Nitrobenzene-d5	7.50	82	364343	68.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	127688	92.37	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	691117	71.95	ng	-0.01
79) Terphenyl-d14	13.06	244	551383	58.48	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	15981	2.328	ng	80
19) n-Nitroso-di-n-propylamine	7.50	70	50186	13.278	ng	# 79
25) Isophorone	7.50	82	364341	41.700	ng	# 67
50) Dimethylphthalate	9.69	163	27504	2.687	ng	98
51) 2,6-Dinitrotoluene	9.98	165	17490	7.767	ng	# 22
57) 2,4-Dinitrotoluene	9.98	165	17490	5.974	ng	# 18
67) 4-Bromophenyl-phenylether	10.77	248	8200	3.346	ng	# 1

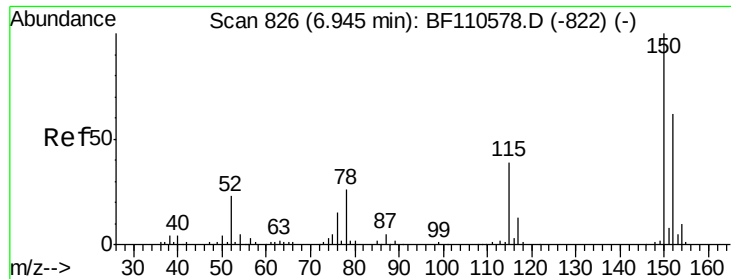
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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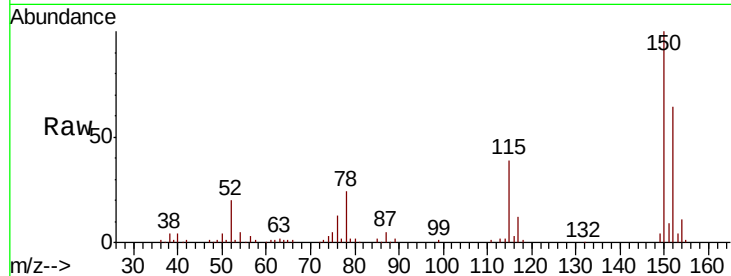




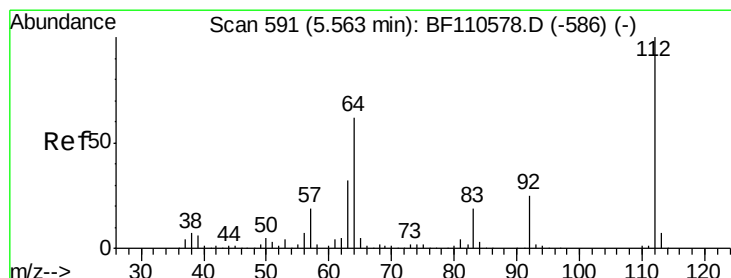
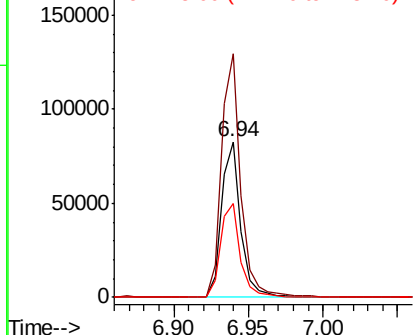
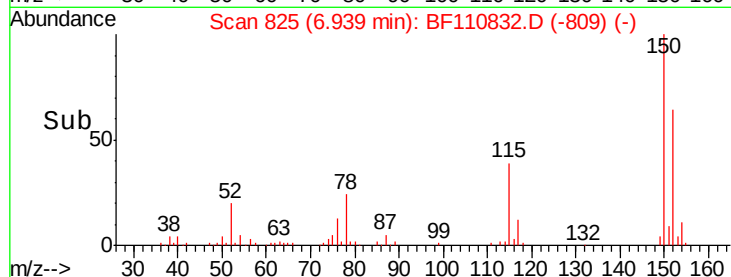
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110832.D
 Acq: 16 Nov 2018 22:17

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tgt Ion:152 Resp: 75210
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.7 184.1
 115 60.3 49.1 73.7

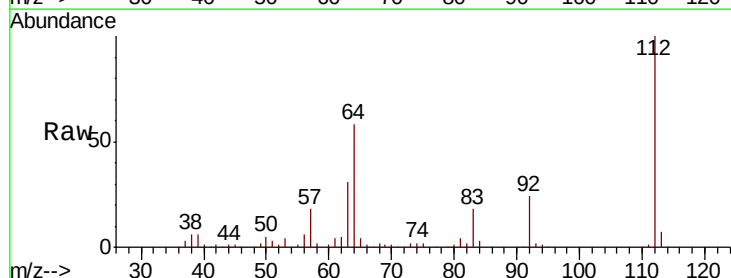


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

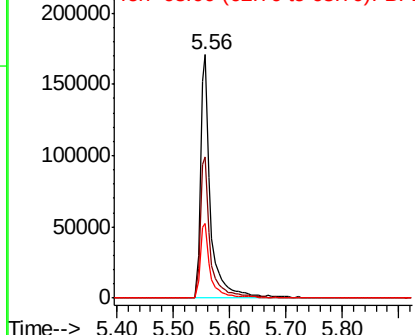
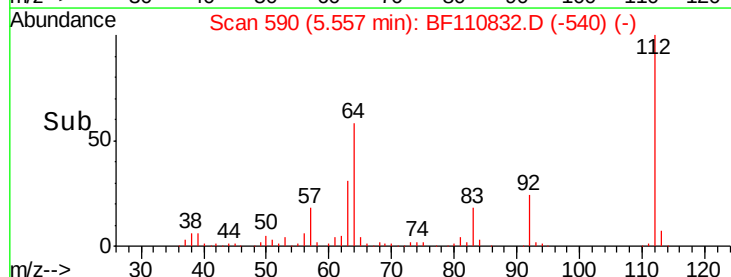


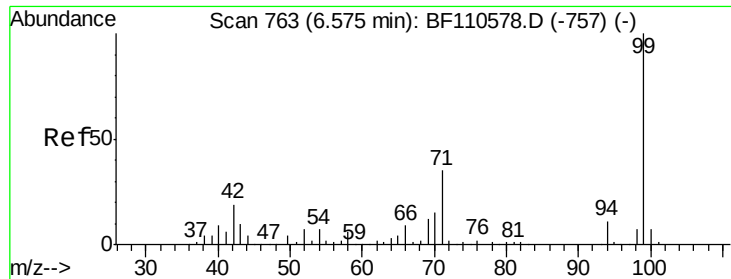
#5
 2-Fluorophenol
 Concen: 45.899 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110832.D
 Acq: 16 Nov 2018 22:17

Tgt Ion:112 Resp: 212522
 Ion Ratio Lower Upper
 112 100
 64 57.8 44.1 66.1
 63 30.8 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: 27.339 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110832.D

Acq: 16 Nov 2018 22:17

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

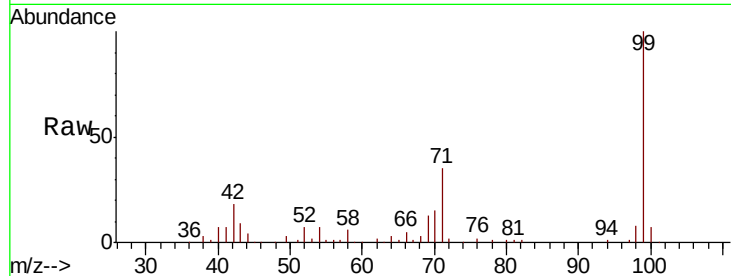
Tgt Ion: 99 Resp: 161872

Ion Ratio Lower Upper

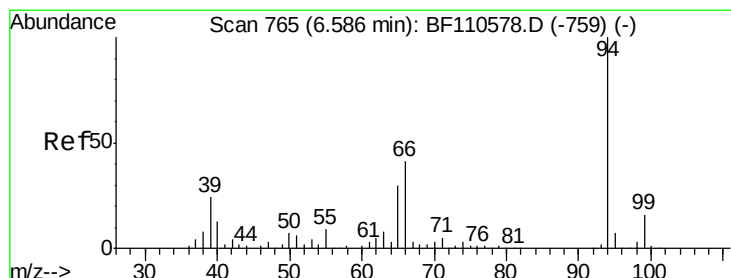
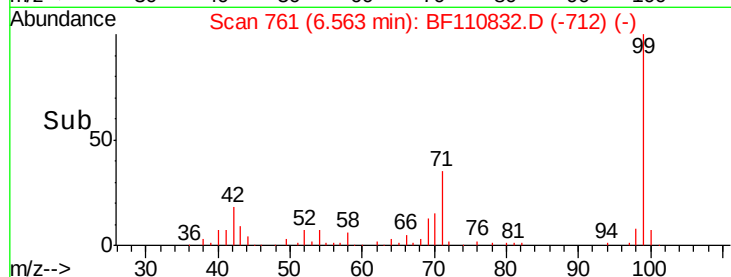
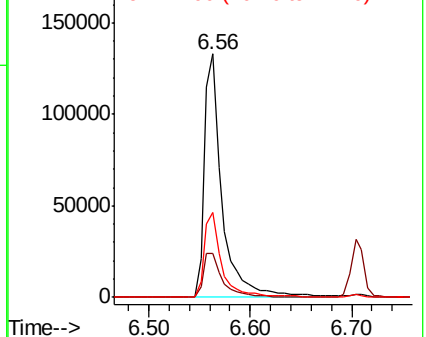
99 100

42 18.0 15.8 23.6

71 34.8 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



#10

Phenol

Concen: 2.328 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110832.D

Acq: 16 Nov 2018 22:17

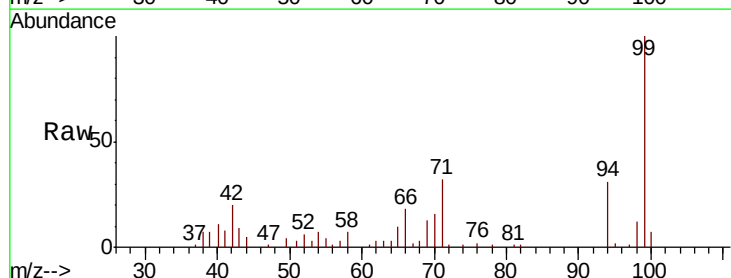
Tgt Ion: 94 Resp: 15981

Ion Ratio Lower Upper

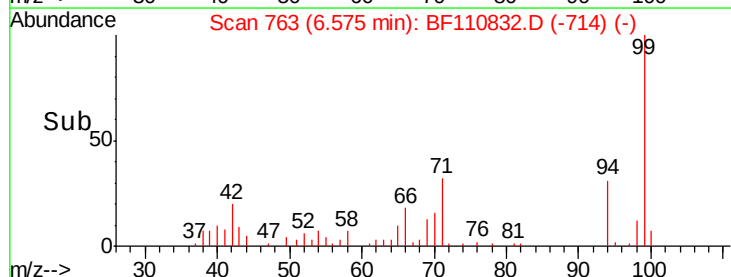
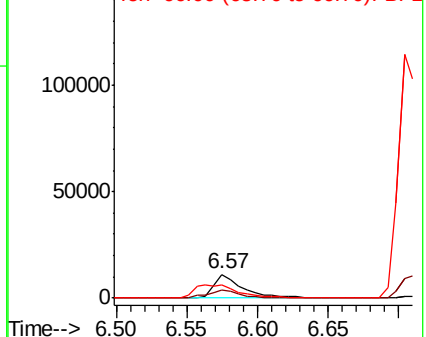
94 100

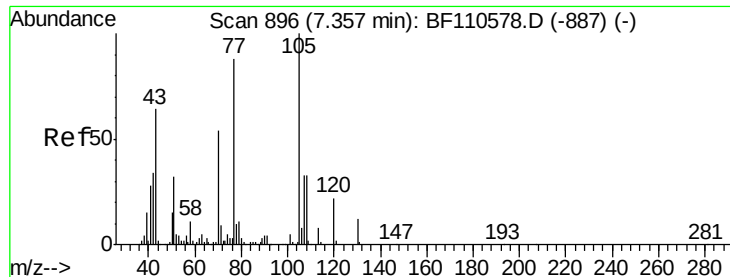
65 32.1 25.3 65.3

66 57.5 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

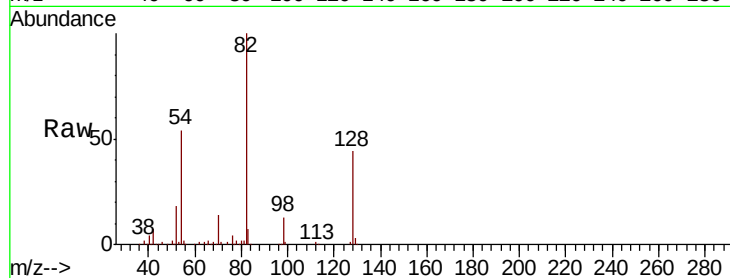




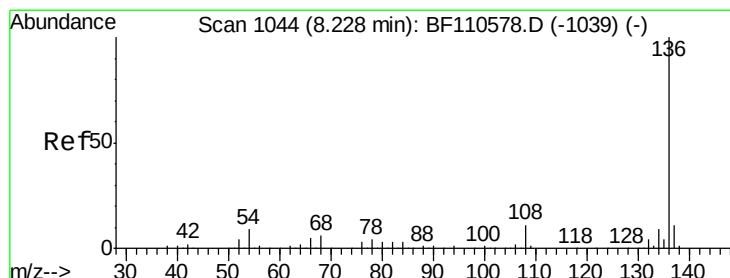
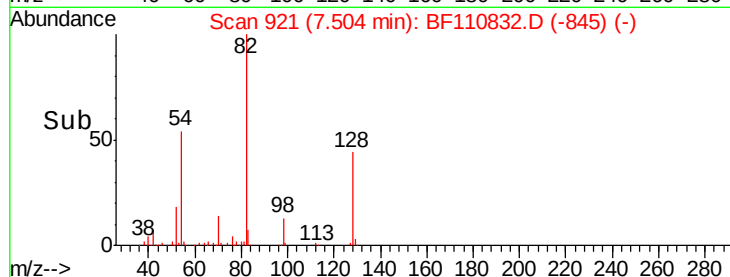
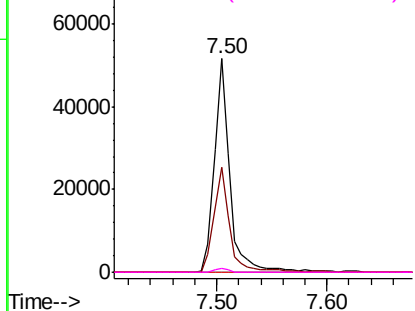
#19
n-Nitroso-di-n-propylamine
Concen: 13.278 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion: 70 Resp: 50186
Ion Ratio Lower Upper
70 100
42 49.3 47.4 71.2
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#

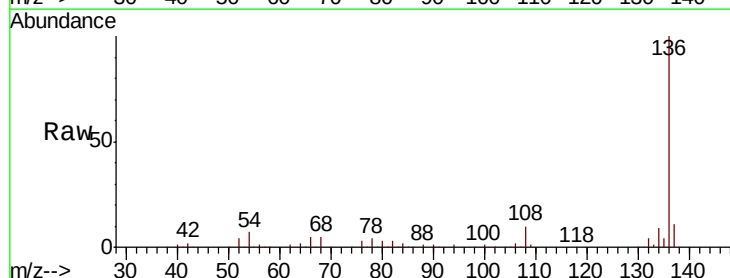


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

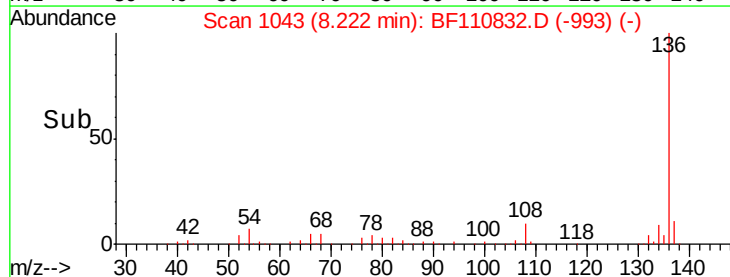
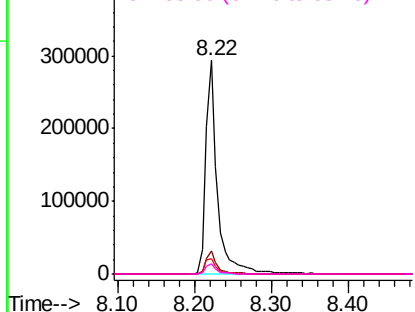


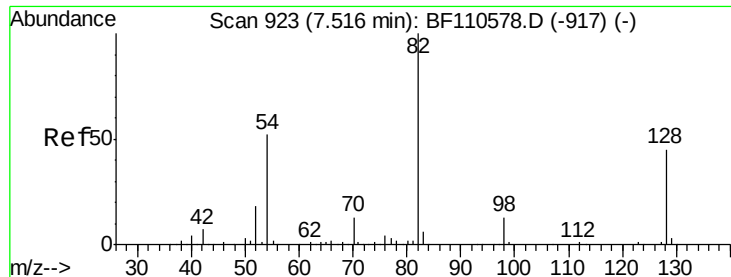
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

Tgt Ion: 136 Resp: 306998
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 5.4 8.2
68 4.9 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

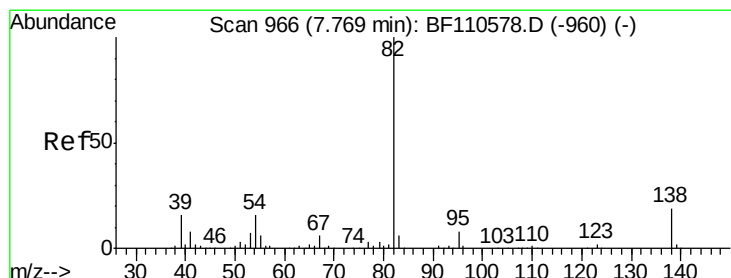
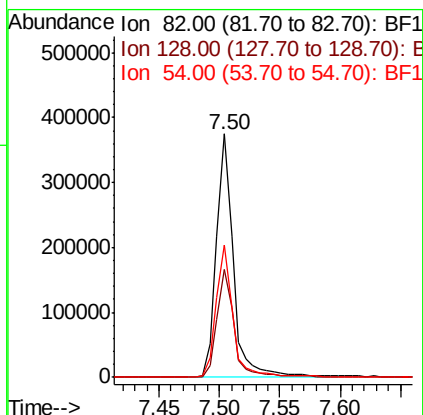
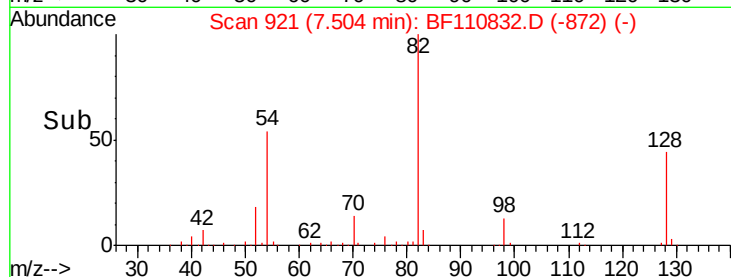
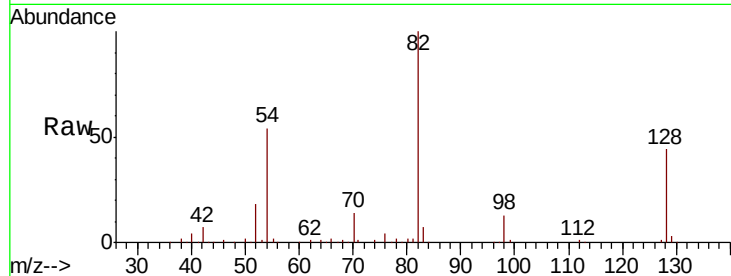




#23
Nitrobenzene-d5
Concen: 68.347 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

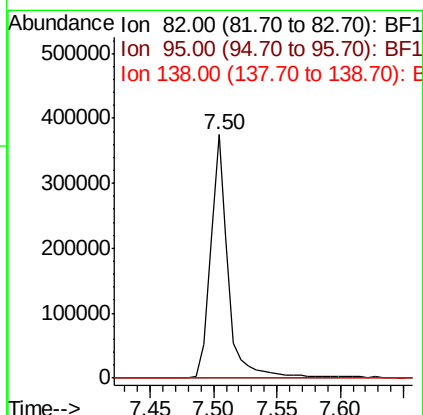
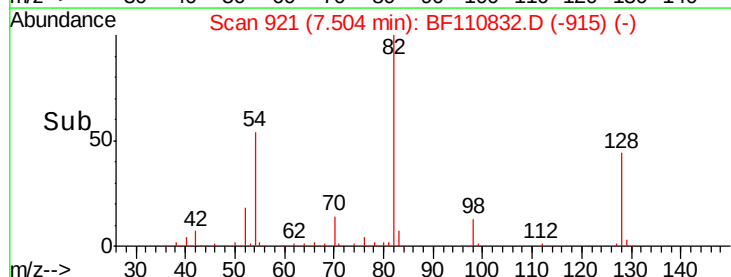
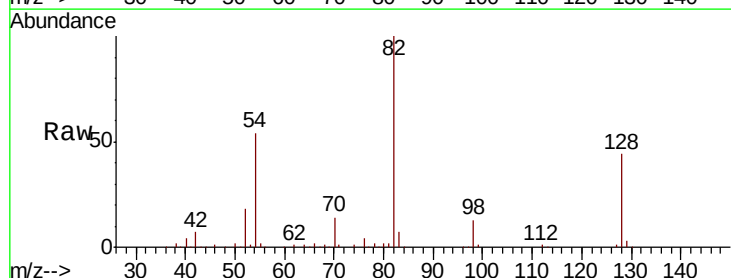
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

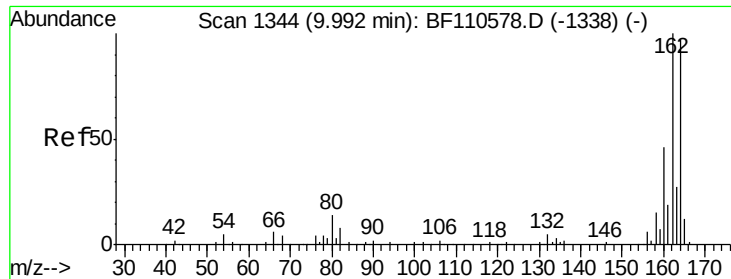
Tgt Ion: 82 Resp: 364343
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.2
54 54.4 38.6 58.0



#25
Isophorone
Concen: 41.700 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

Tgt Ion: 82 Resp: 364341
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

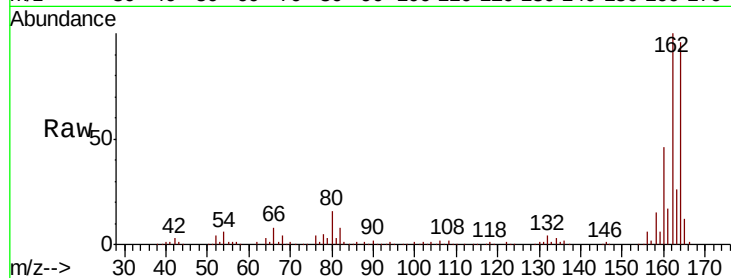




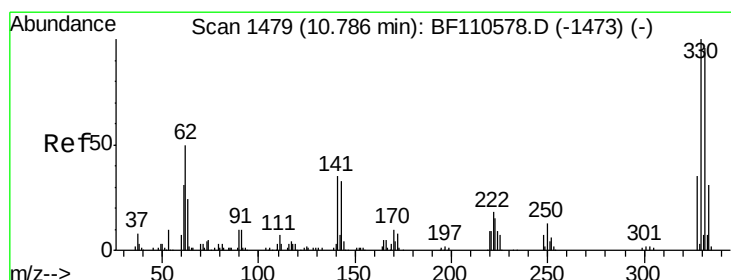
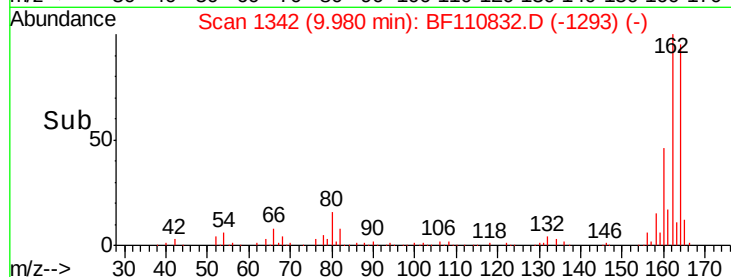
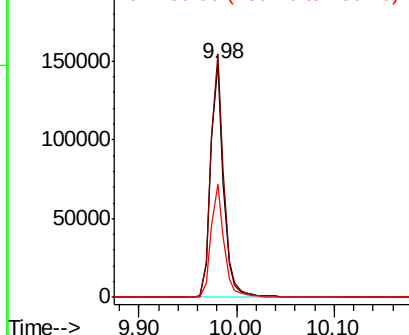
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:164 Resp: 137187
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.6
160 48.1 37.0 55.6

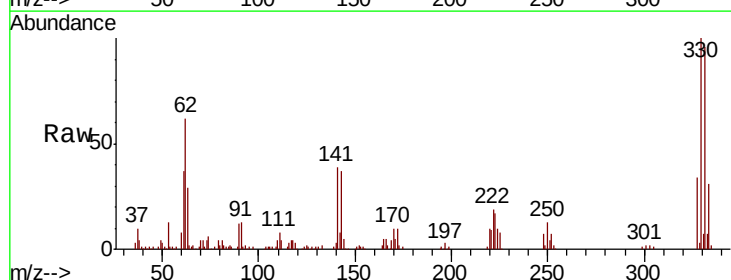


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

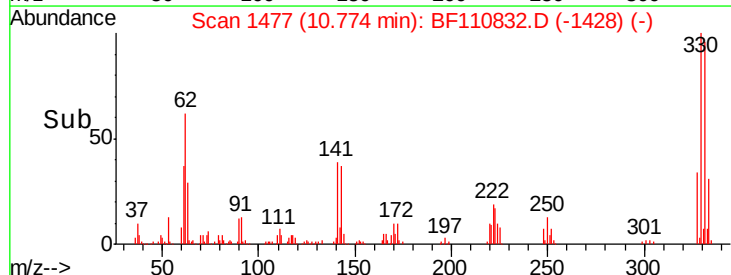
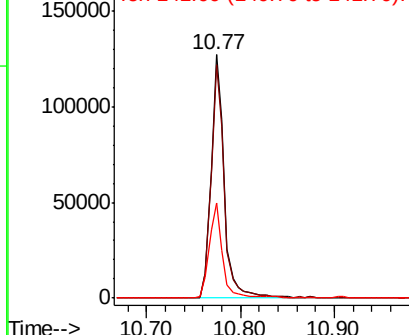


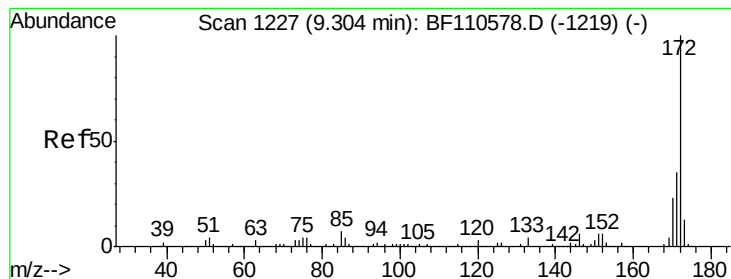
#42
2,4,6-Tribromophenol
Concen: 92.372 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

Tgt Ion:330 Resp: 127688
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 38.9 27.0 40.4



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





#45

2-Fluorobiphenyl

Concen: 71.949 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF110832.D

Acq: 16 Nov 2018 22:17

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

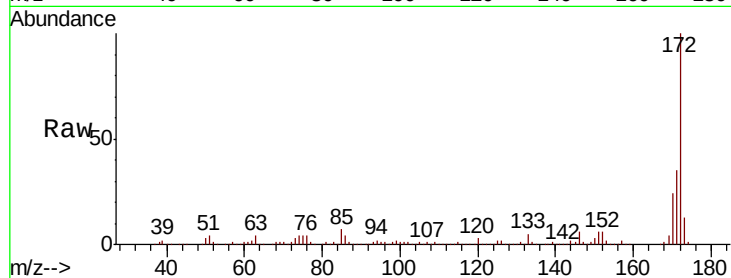
Tgt Ion:172 Resp: 691117

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

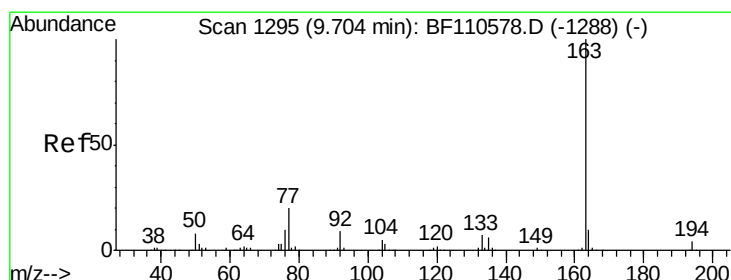
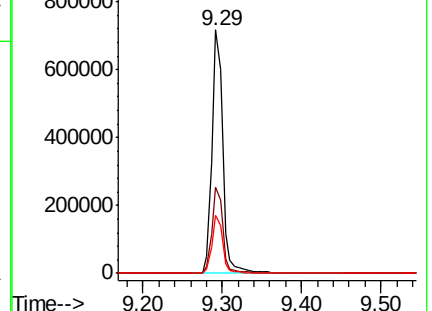
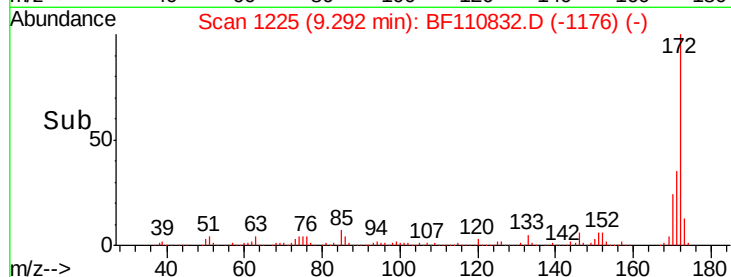
170 23.6 19.7 29.5



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



#50

Dimethylphthalate

Concen: 2.687 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF110832.D

Acq: 16 Nov 2018 22:17

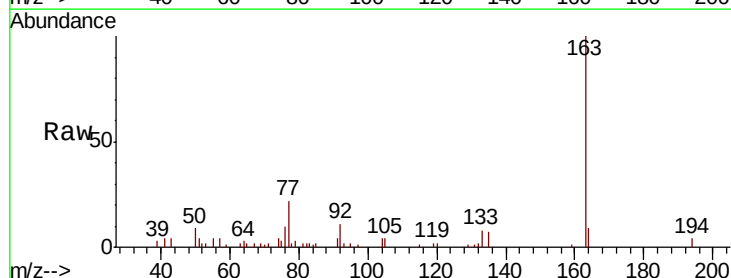
Tgt Ion:163 Resp: 27504

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

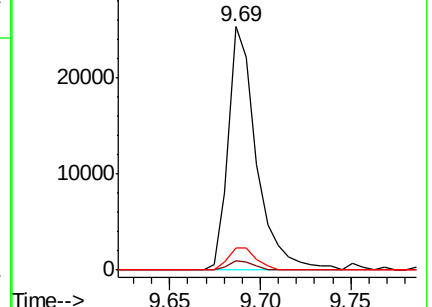
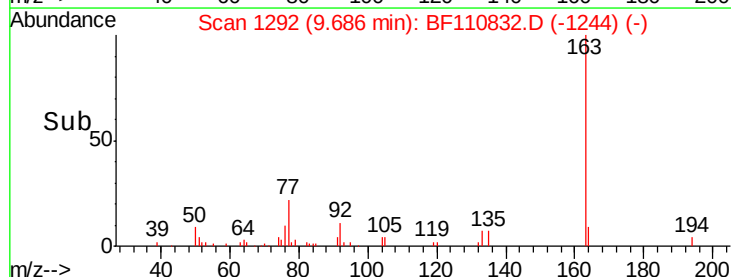
164 9.0 8.1 12.1

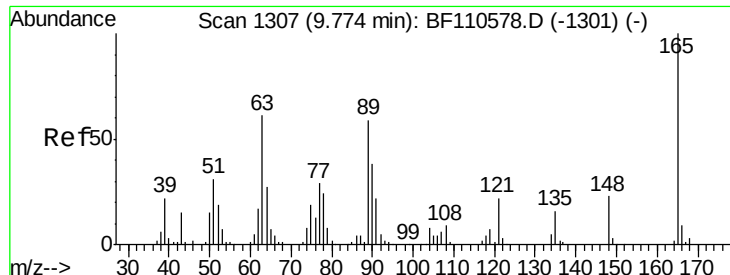


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

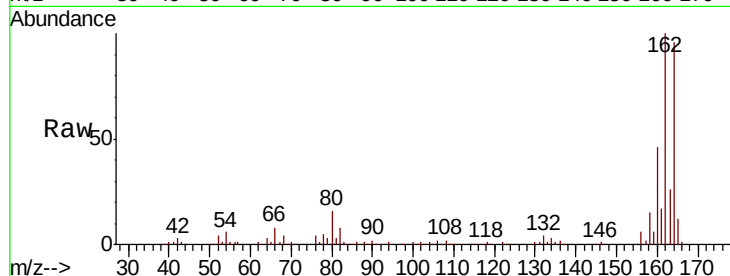




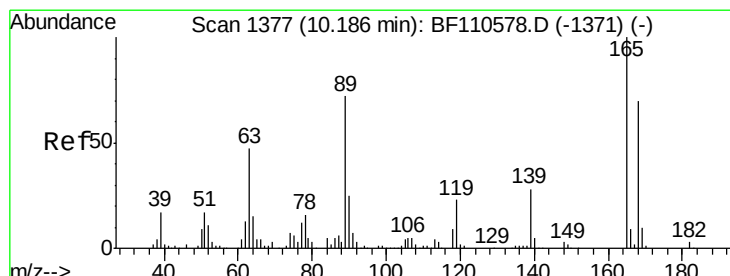
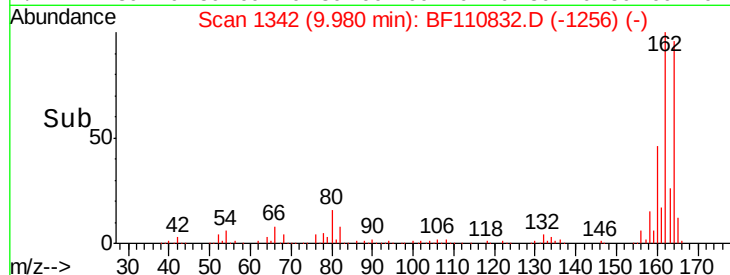
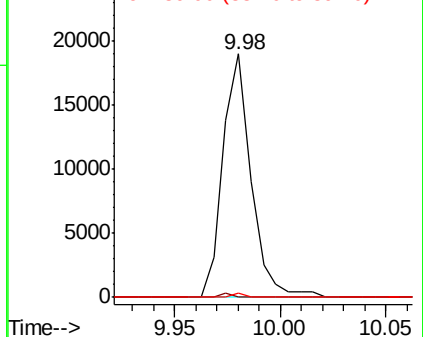
#51
 2,6-Dinitrotoluene
 Concen: 7.767 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110832.D
 Acq: 16 Nov 2018 22:17

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.8	46.6	69.8#



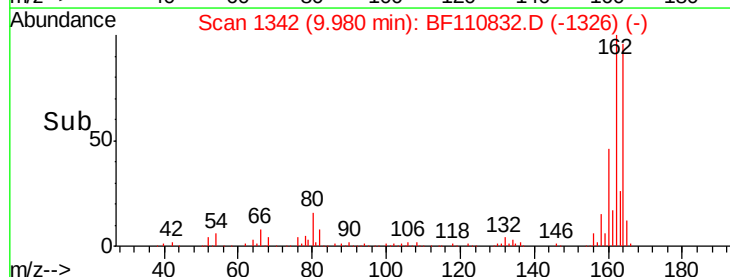
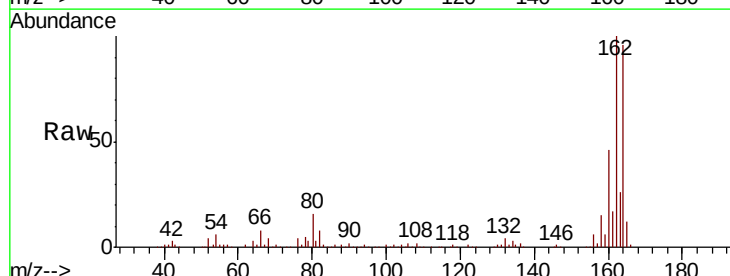
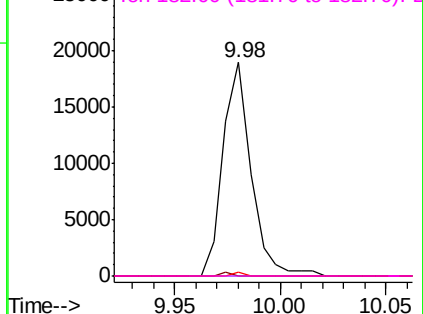
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

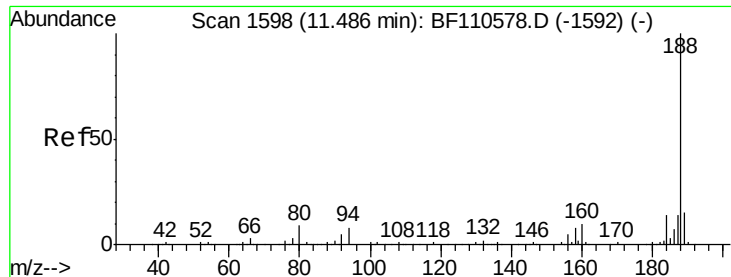


#57
 2,4-Dinitrotoluene
 Concen: 5.974 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110832.D
 Acq: 16 Nov 2018 22:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

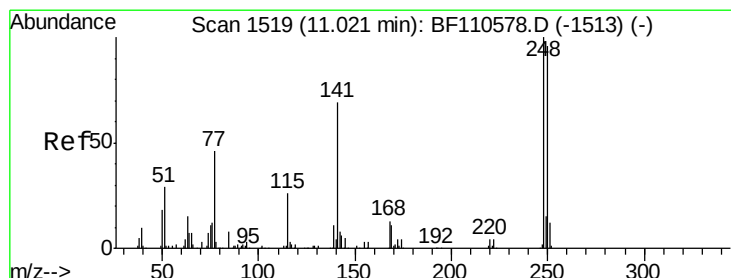
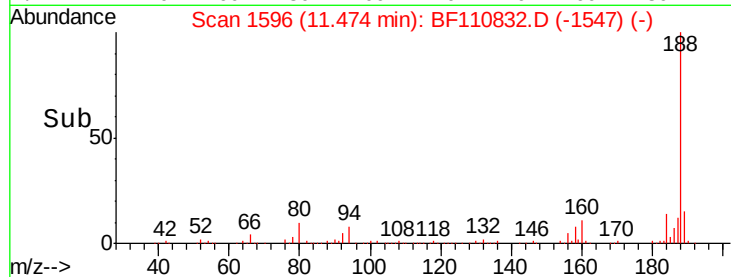
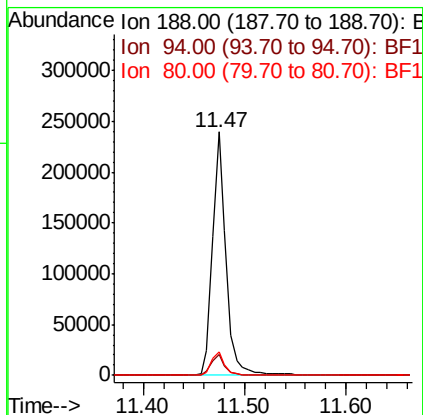
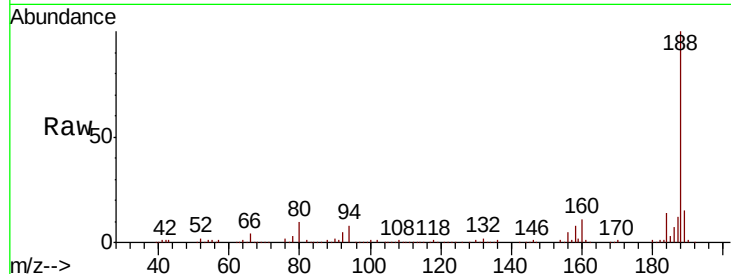




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

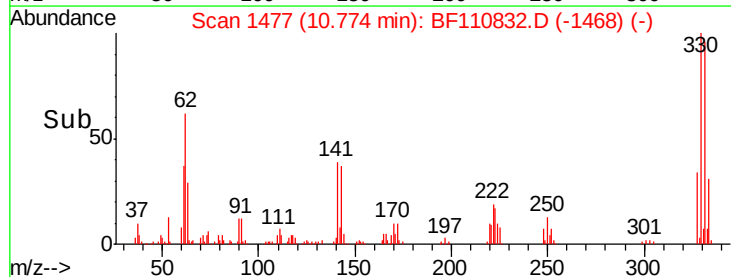
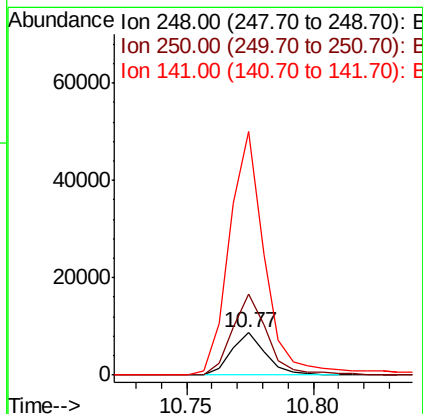
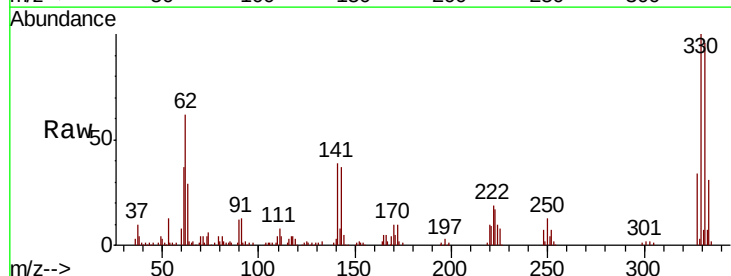
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

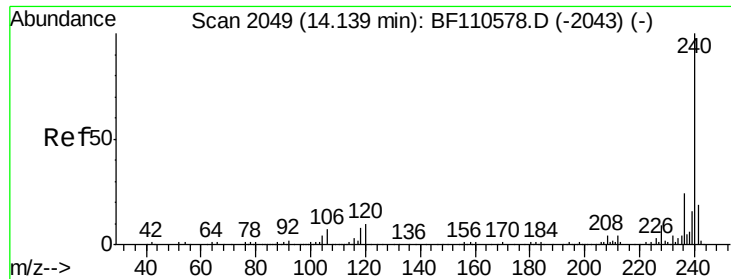
Tgt Ion:188 Resp: 221721
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.346 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

Tgt Ion:248 Resp: 8200
Ion Ratio Lower Upper
248 100
250 190.8 79.4 119.2#
141 571.4 55.9 83.9#

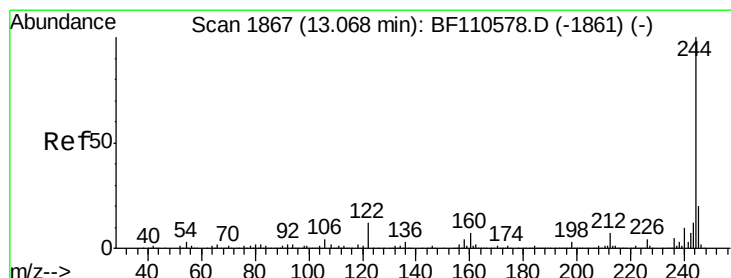
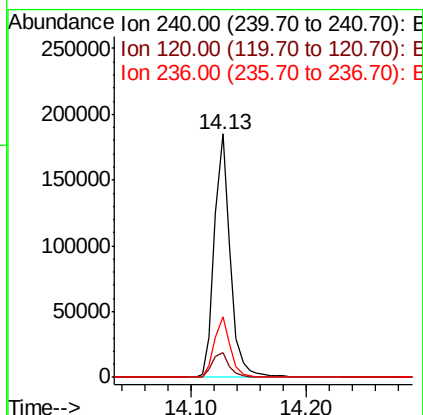
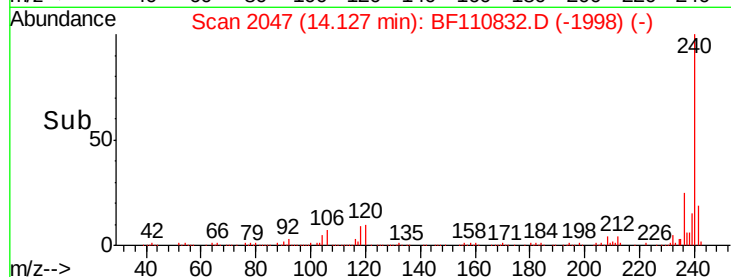
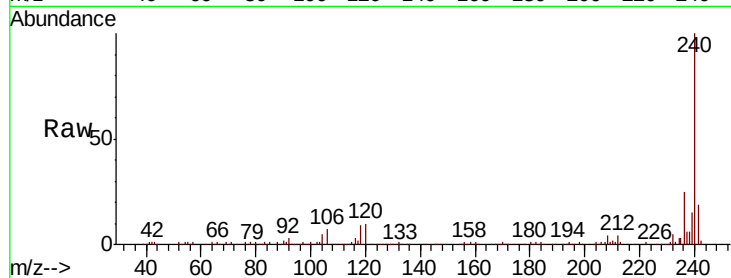




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

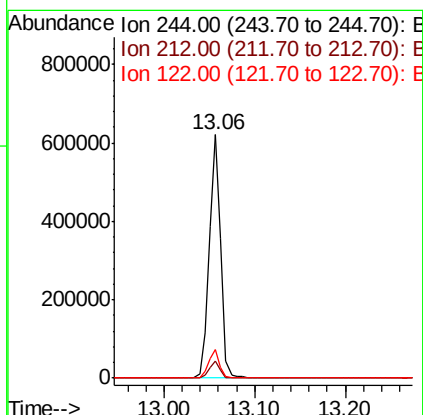
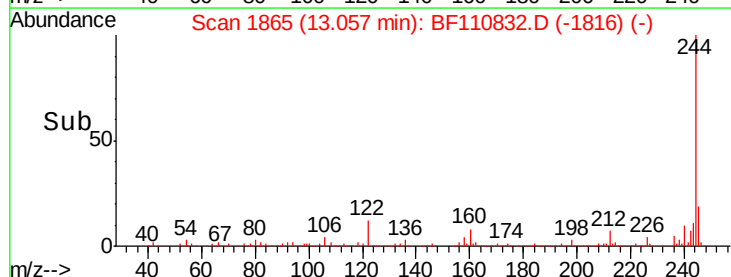
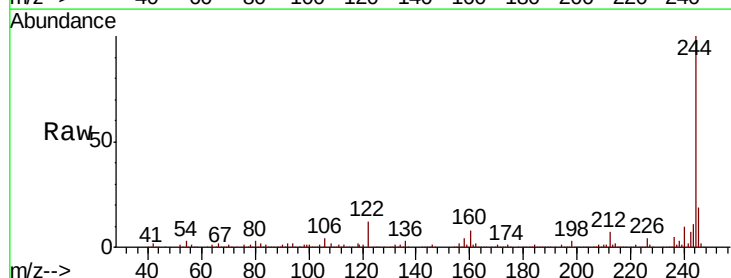
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

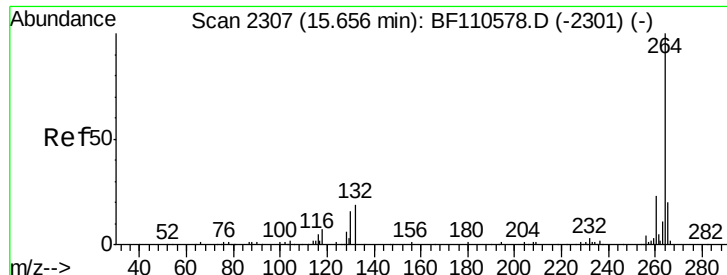
Tgt Ion:240 Resp: 176562
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 25.1 21.2 31.8



#79
Terphenyl-d14
Concen: 58.484 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

Tgt Ion:244 Resp: 551383
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 11.7 8.7 13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion: 264 Resp: 133677
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 20.6 16.7 25.1

