

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 17 00:26:18 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

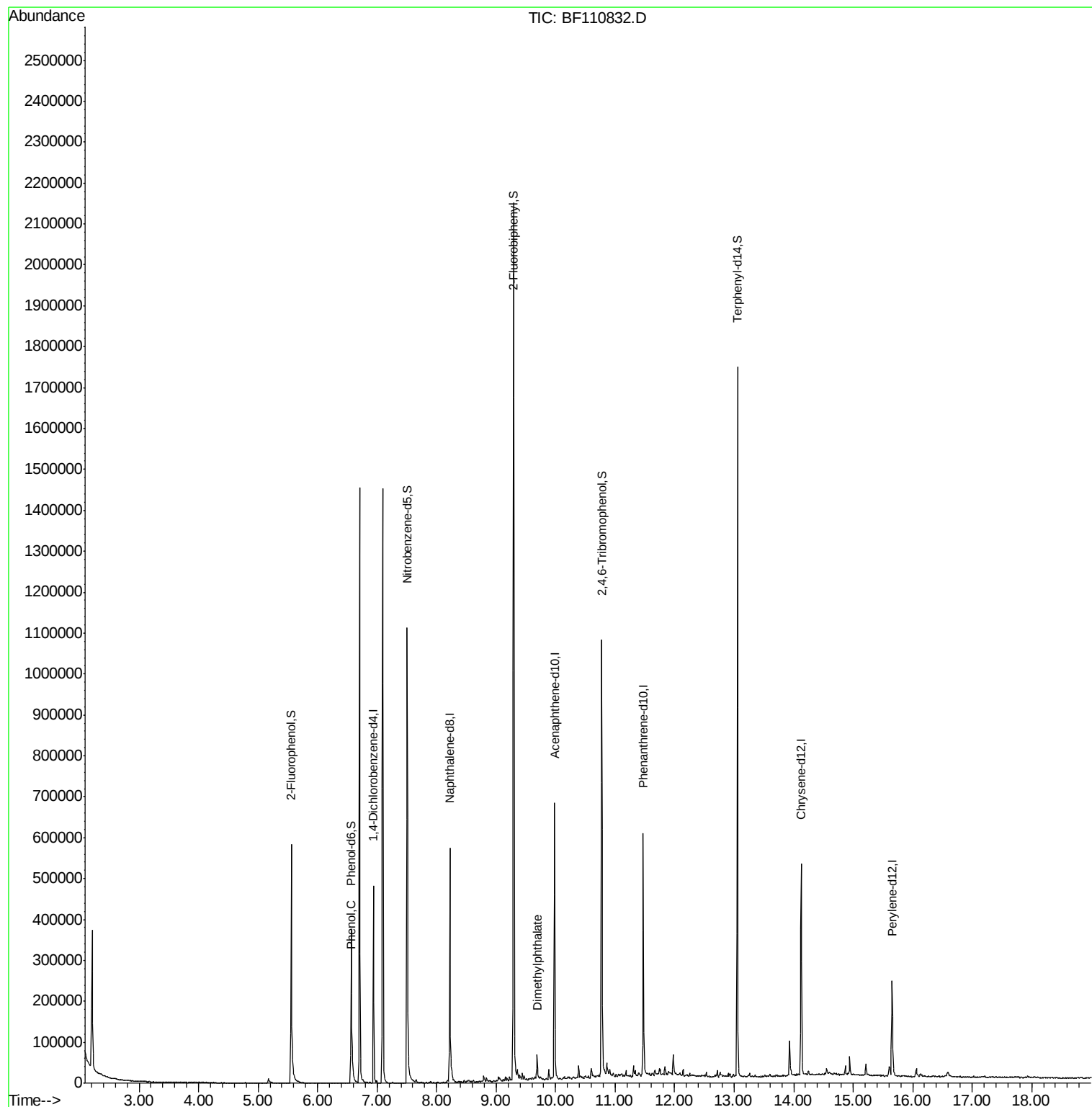
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	75210	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	306998	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	137187	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	221721	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	176562	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
50) Dimethylphthalate	9.69	163	27504	2.687	ng	98

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

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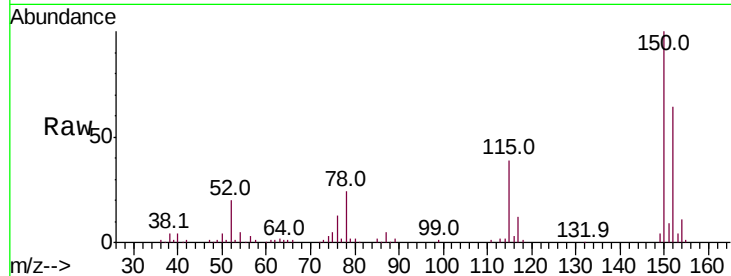


#1

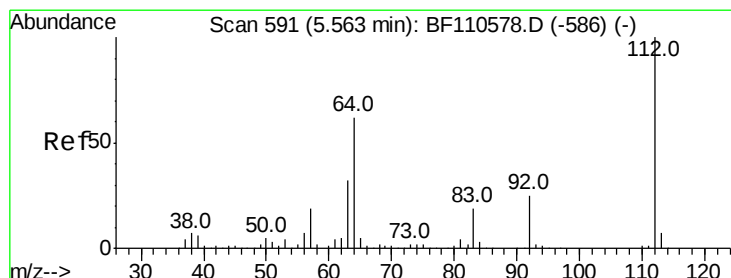
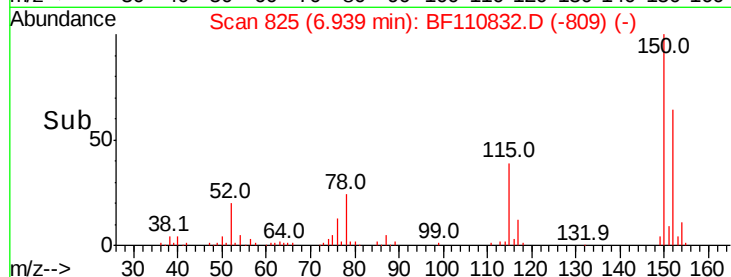
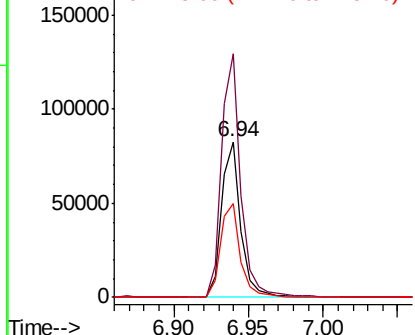
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

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



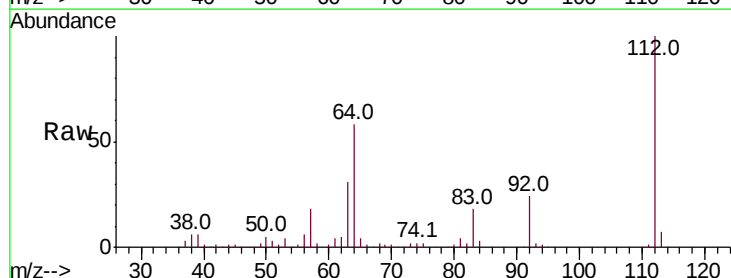
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



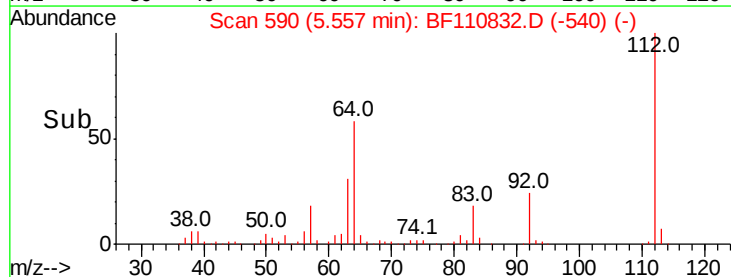
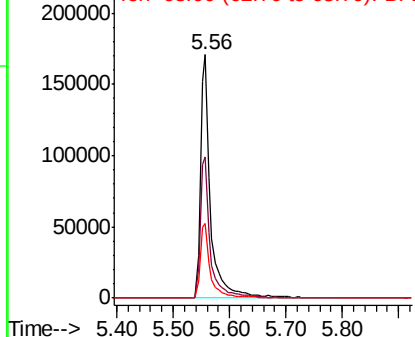
#5

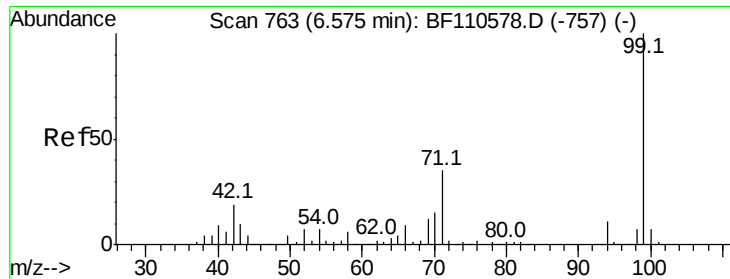
2-Fluorophenol
Concen: 45.899 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

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

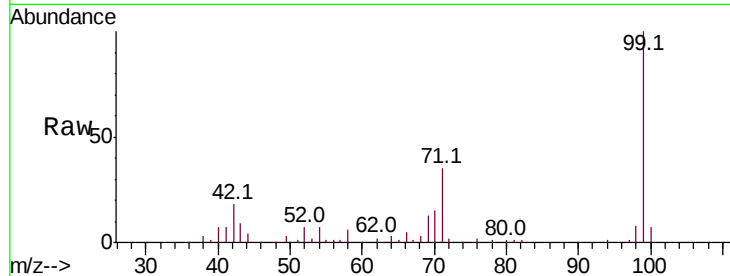
Tot Ion: 99 Resp: 161872

Ion Ratio Lower Upper

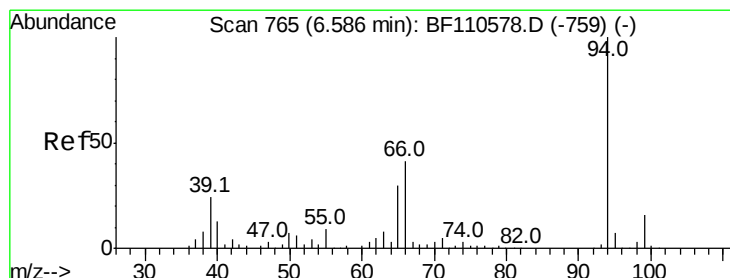
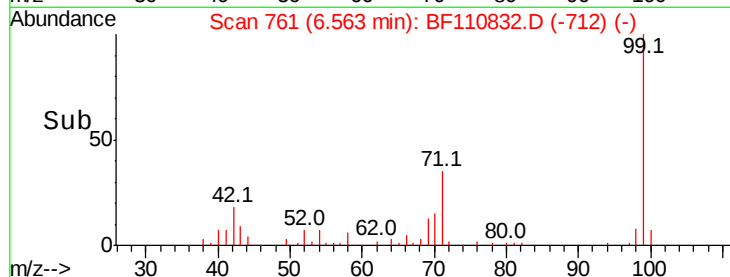
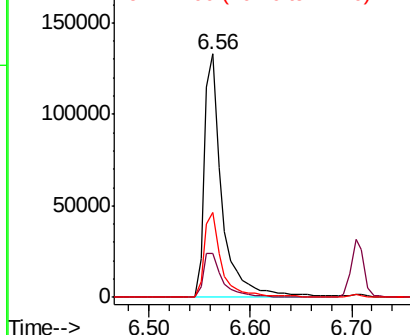
99 100

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

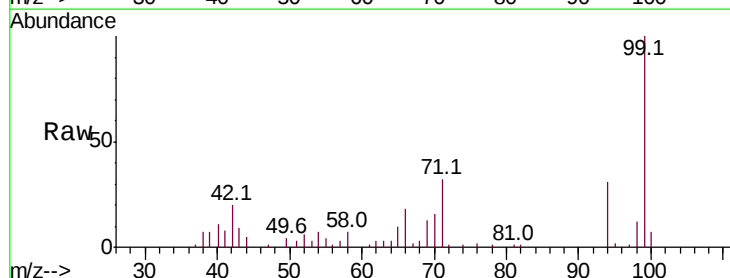
Tgt Ion: 94 Resp: 15981

Ion Ratio Lower Upper

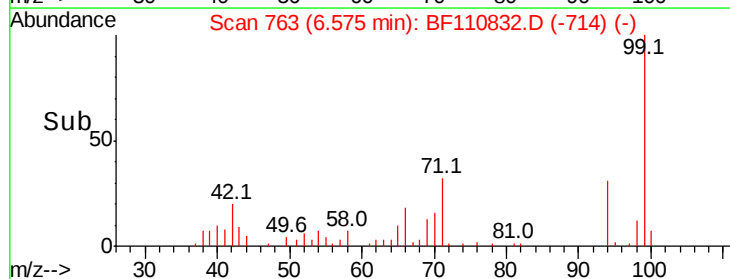
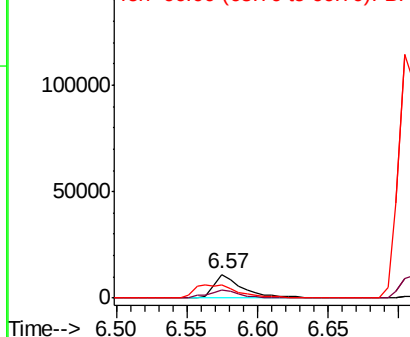
94 100

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

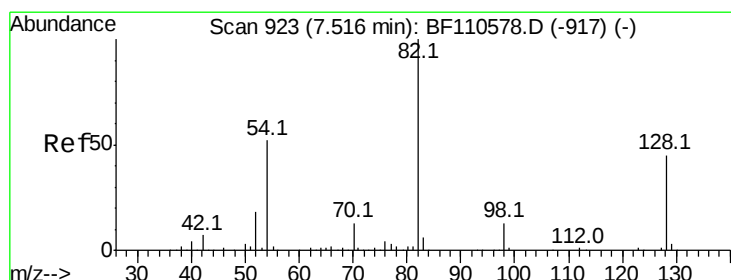
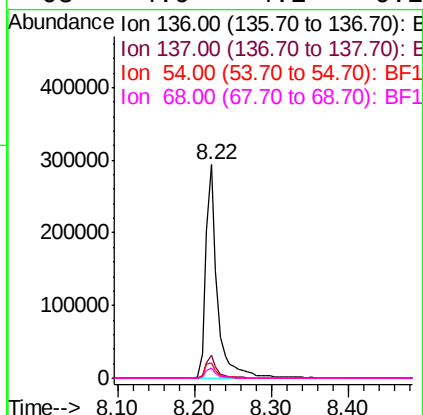
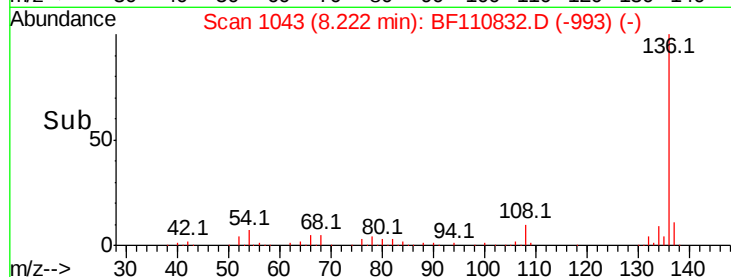
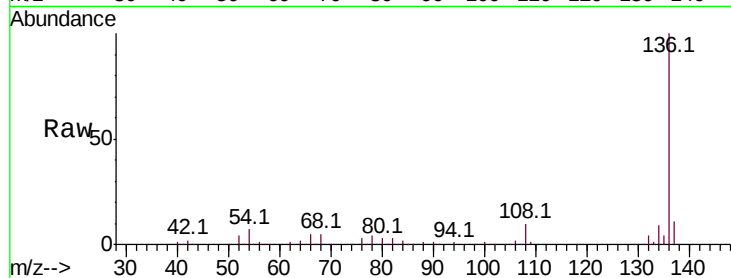




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

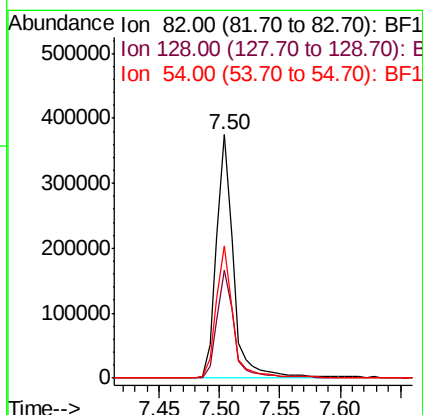
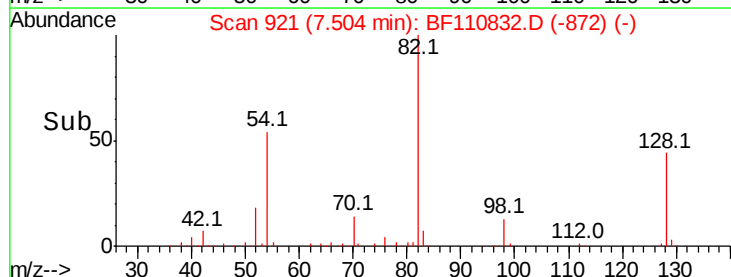
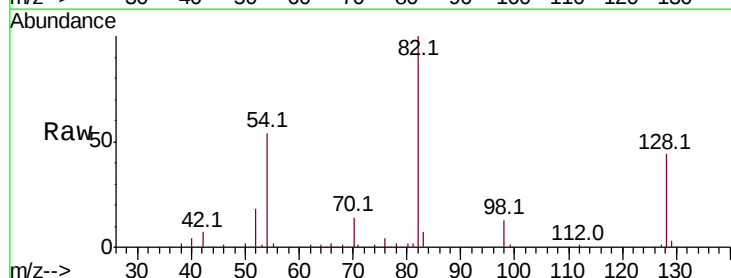
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

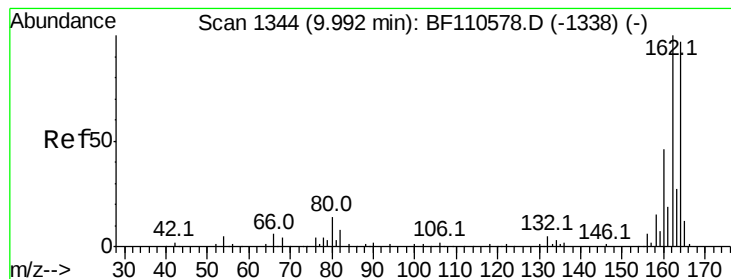
Tot Ion:	136	Resp:	306998
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	5.4	8.2
68	4.9	4.2	6.2



#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

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





#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

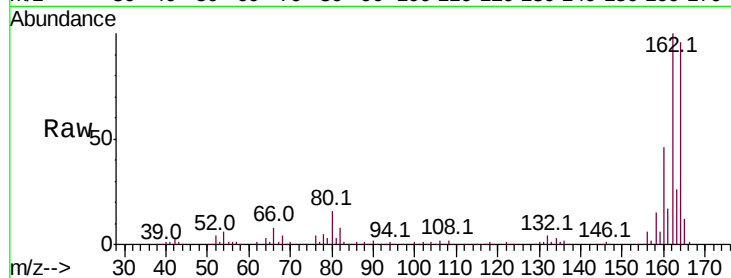
Tot Ion:164 Resp: 137187

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.6

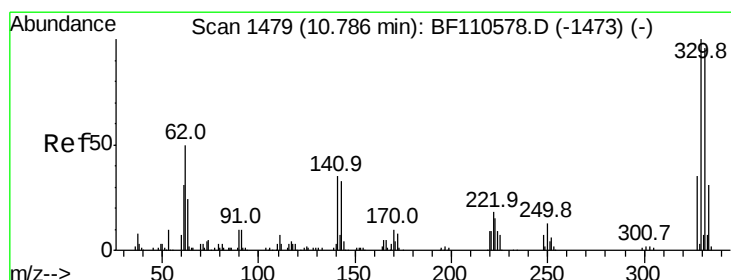
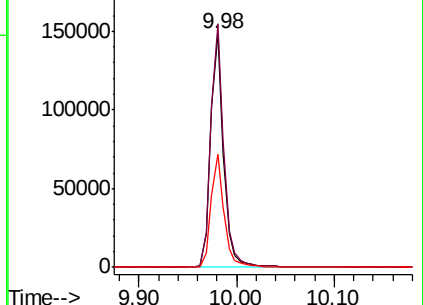
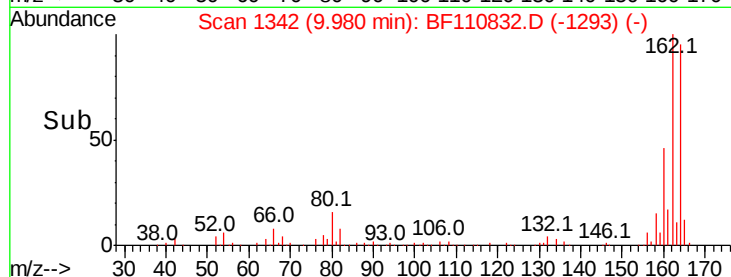
160 48.1 37.0 55.6



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

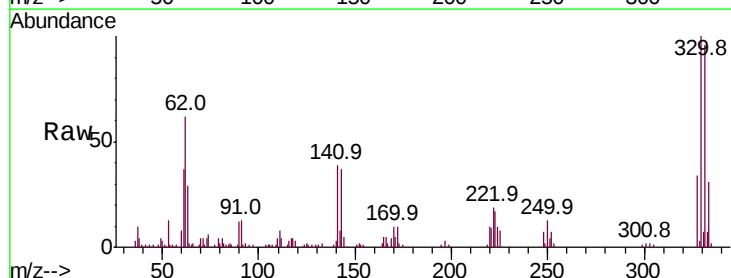
Tgt Ion:330 Resp: 127688

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

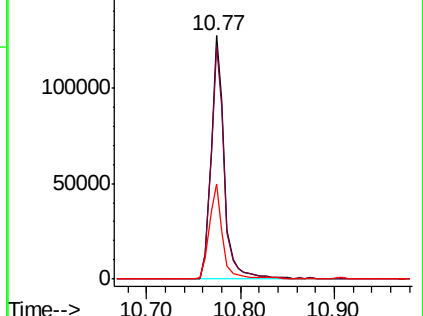
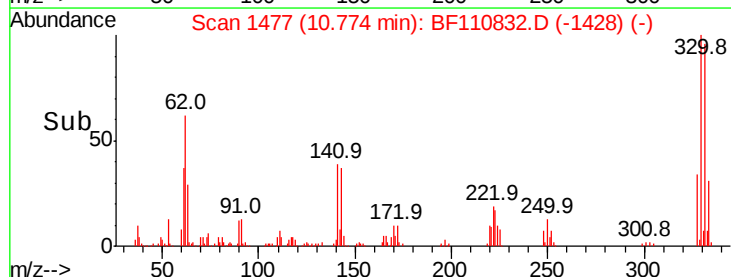
141 38.9 27.0 40.4

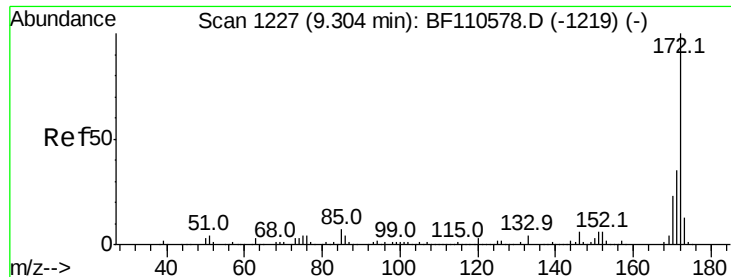


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

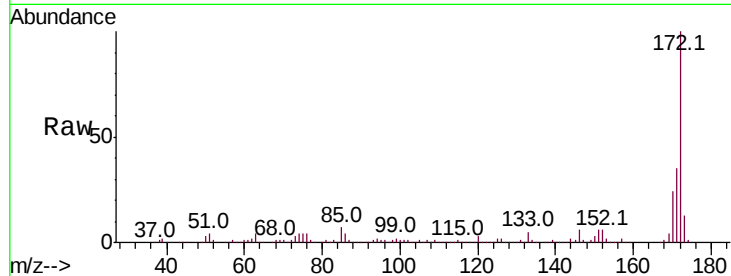




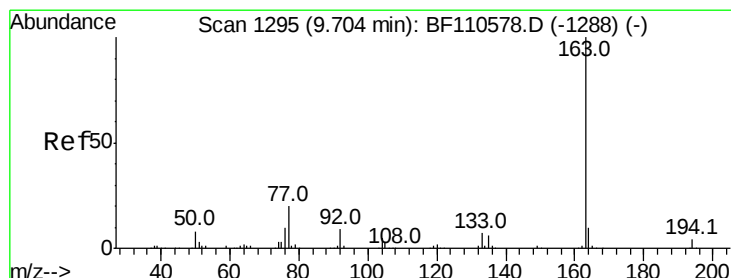
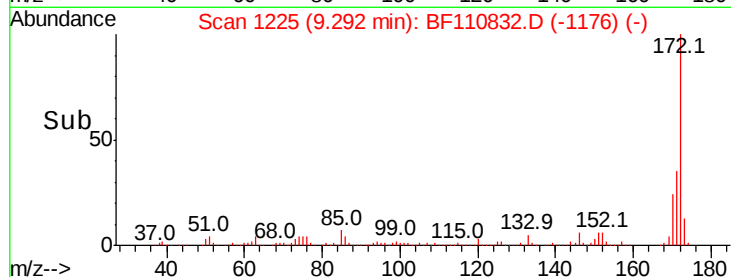
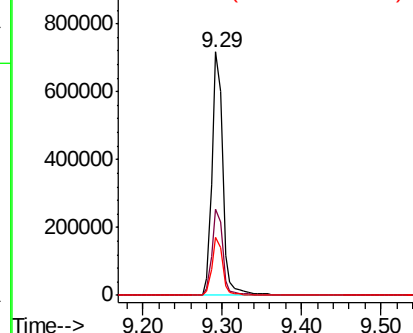
#45
2-Fluorobiphenyl
Concen: 71.949 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:172 Resp: 691117
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.6 19.7 29.5

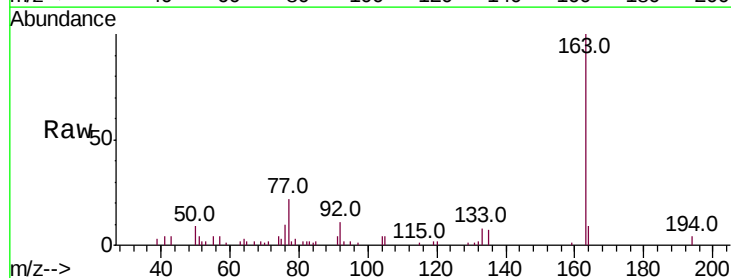


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

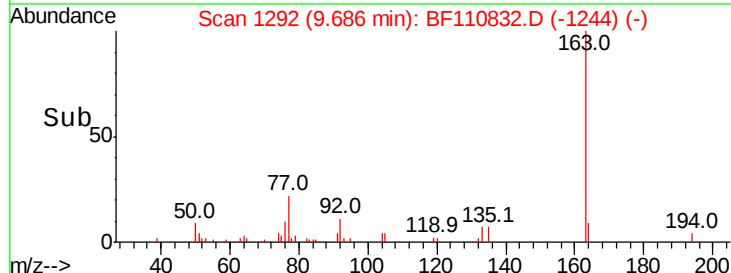
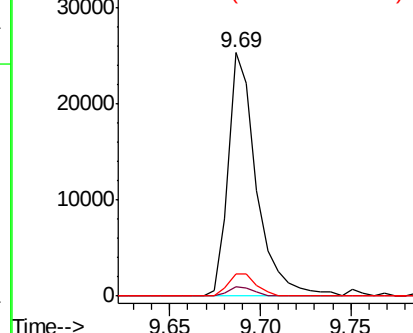


#50
Dimethylphthalate
Concen: 2.687 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

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

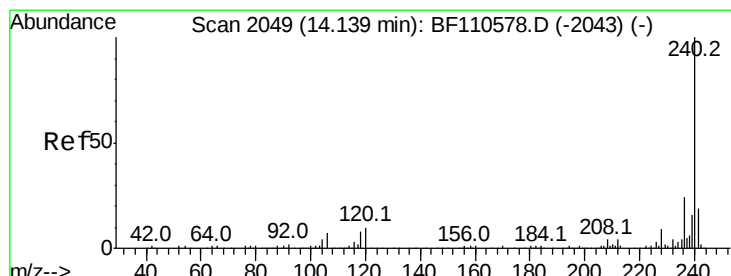
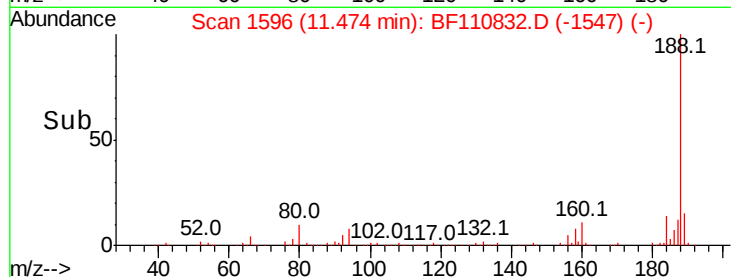
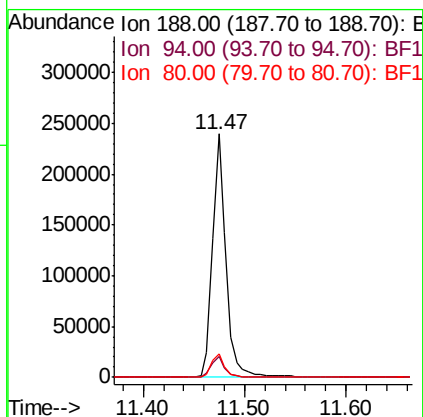
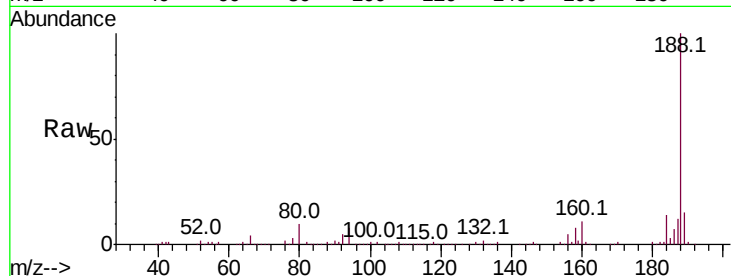




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110832.D
Acq: 16 Nov 2018 22:17

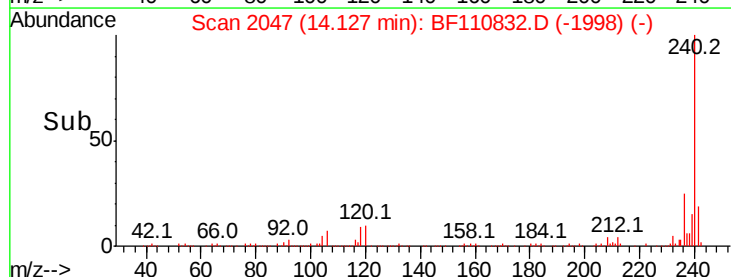
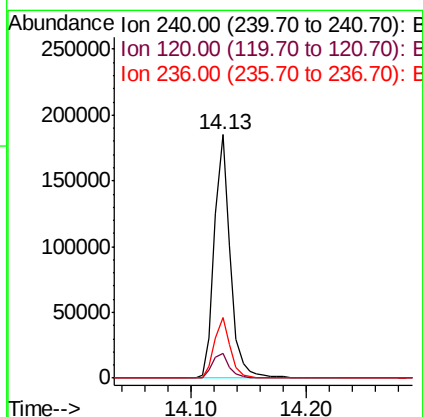
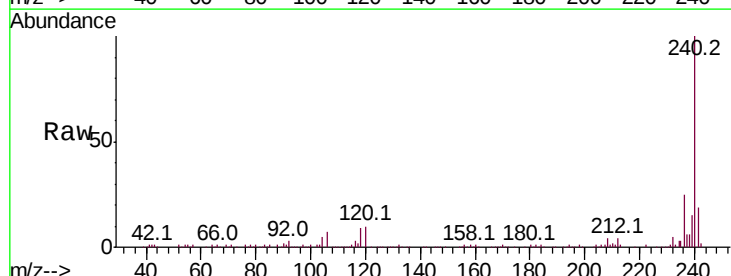
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

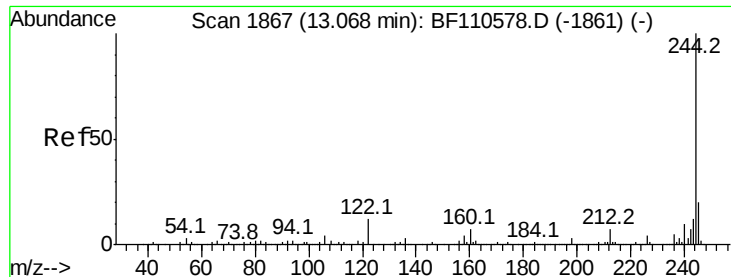
Tot Ion:188 Resp: 221721
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.6 7.9 11.9



#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

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

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

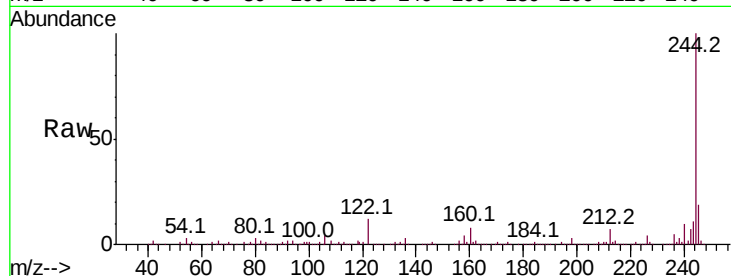
Tot Ion:244 Resp: 551383

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

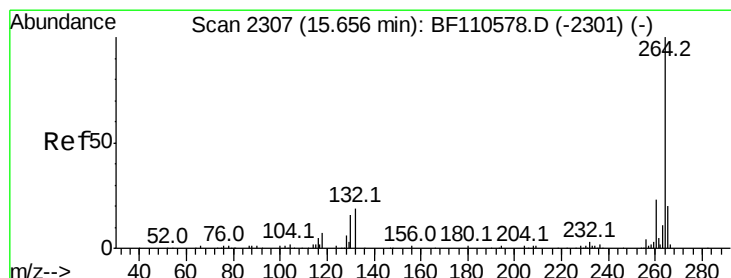
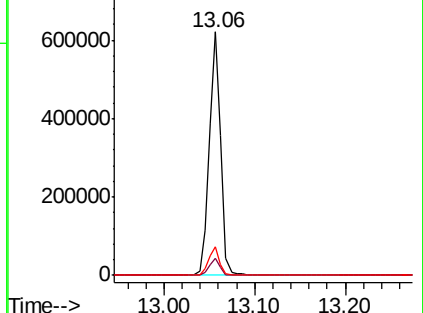
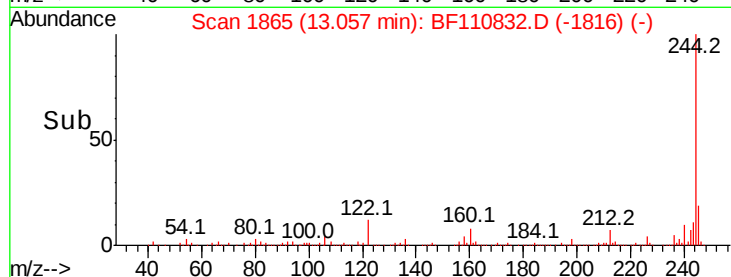
122 11.7 8.7 13.1



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



#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

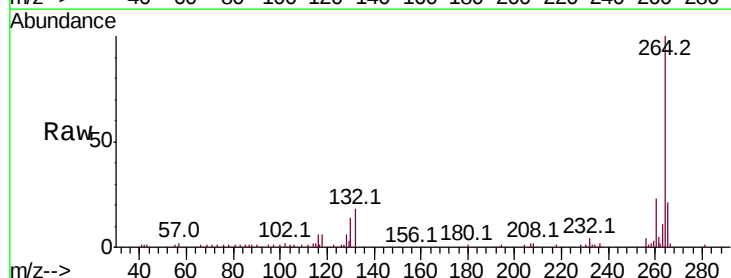
Tgt Ion:264 Resp: 133677

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 20.6 16.7 25.1



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

