

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091880.D
 Acq On : 22 Dec 2016 12:34
 Operator : UM/SJ
 Sample : H6200-04
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

Quant Time: Dec 23 01:06:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

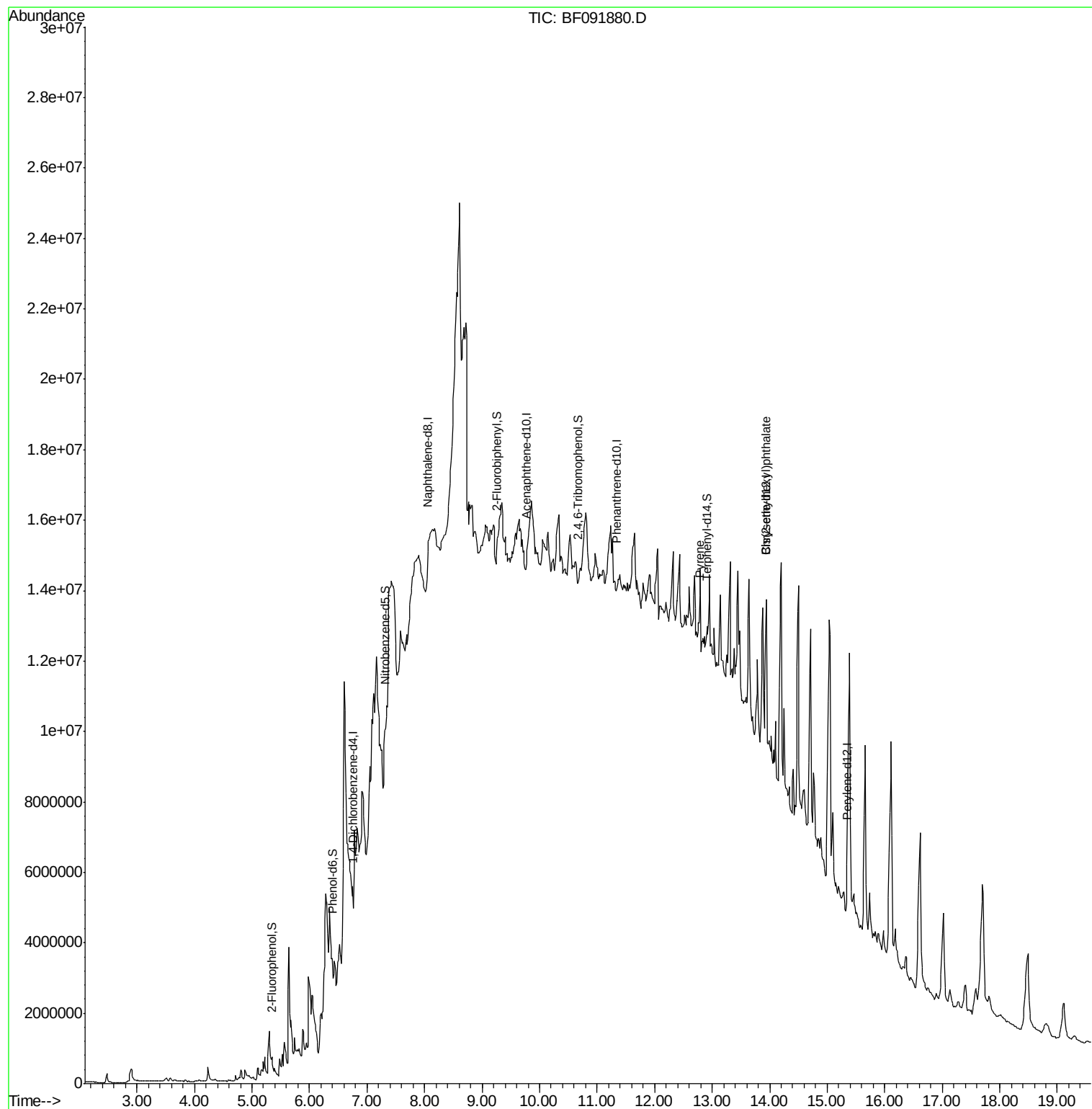
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	145350	20.00	ng	0.01
21) Naphthalene-d8	8.05	136	112058	20.00	ng	0.01
38) Acenaphthene-d10	9.77	164	78643	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	197921	20.00	ng	0.08
75) Chrysene-d12	13.94	240	168107	20.00	ng	0.03
86) Perylene-d12	15.35	264	329698	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	311689	35.81	ng	0.00
7) Phenol-d6	6.40	99	29150	2.74	ng	-0.01
23) Nitrobenzene-d5	7.32	82	502840	249.52	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	157333	241.74	ng	0.08
44) 2-Fluorobiphenyl	9.25	172	619355	175.03	ng	0.14
78) Terphenyl-d14	12.91	244	722678	104.26	ng	0.06
Target Compounds						
37) 2-Methylnaphthalene	8.96	142	2093117	Below Cal	#	78
77) Pyrene	12.77	202	239621	19.43	ng	# 83
83) Bis(2-ethylhexyl)phthalate	13.94	149	5192038	785.92	ng	# 95

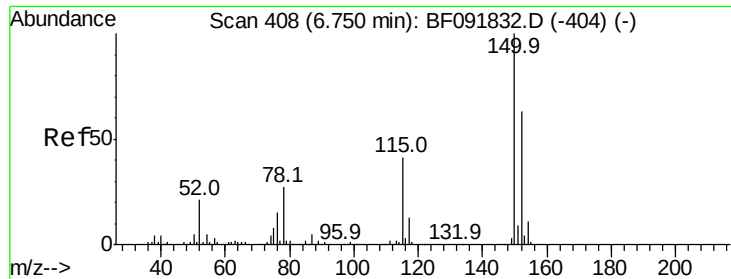
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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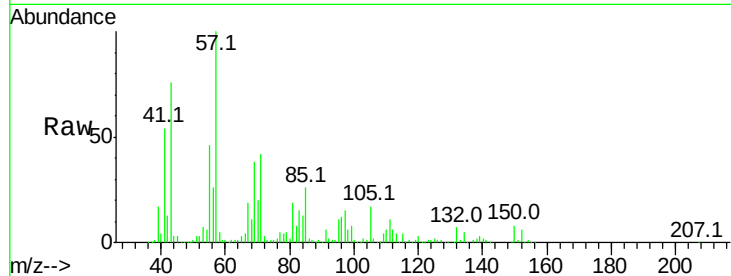


#1

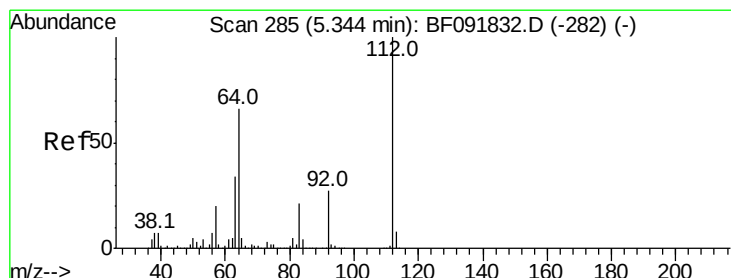
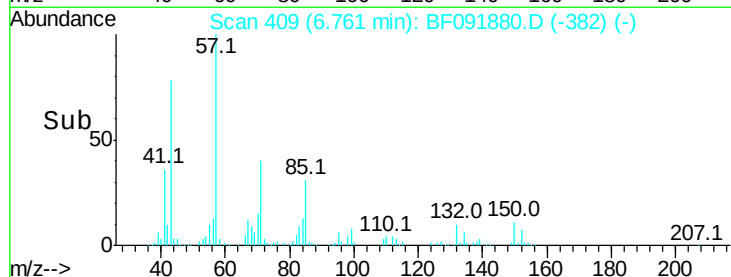
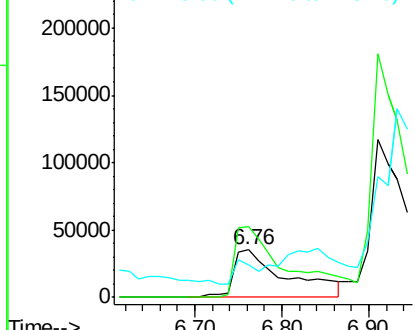
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tot Ion:152 Resp: 145350
Ion Ratio Lower Upper
152 100
150 148.7 124.9 187.3
115 67.5 46.0 69.0



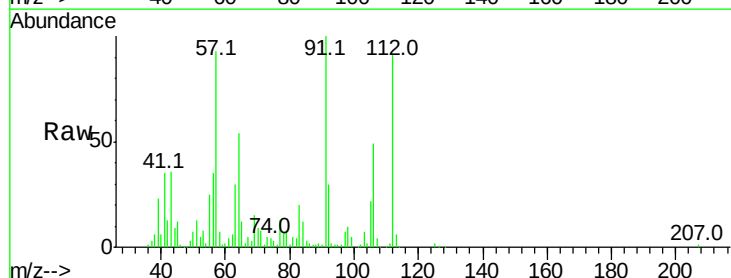
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



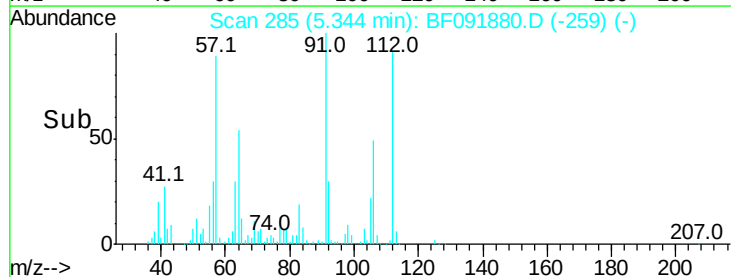
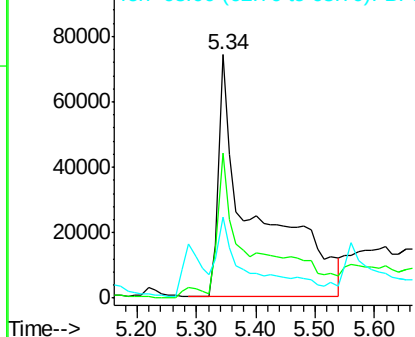
#5

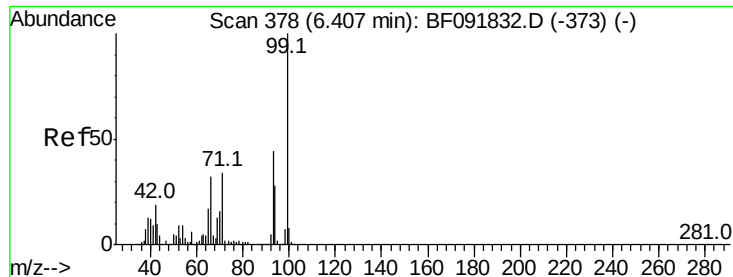
2-Fluorophenol
Concen: 35.81 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.00 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Tgt Ion:112 Resp: 311689
Ion Ratio Lower Upper
112 100
64 59.6 46.1 69.1
63 33.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.74 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

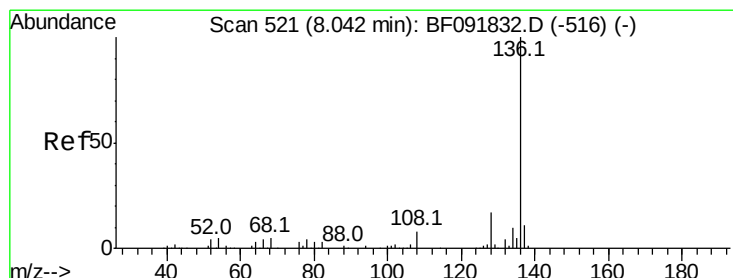
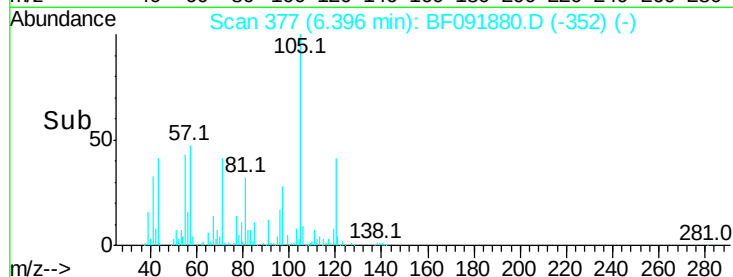
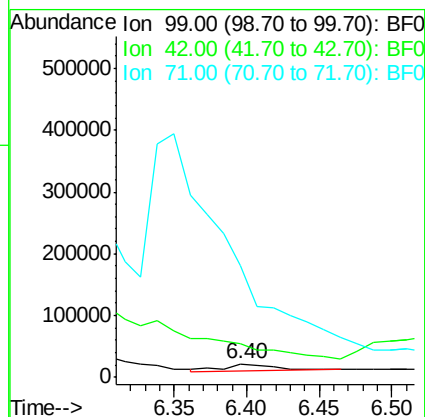
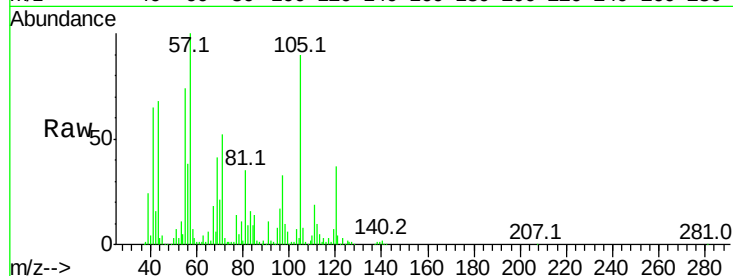
Tot Ion: 99 Resp: 29150

Ion Ratio Lower Upper

99 100

42 244.6 15.6 23.4#

71 814.7 27.5 41.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Tgt Ion: 136 Resp: 112058

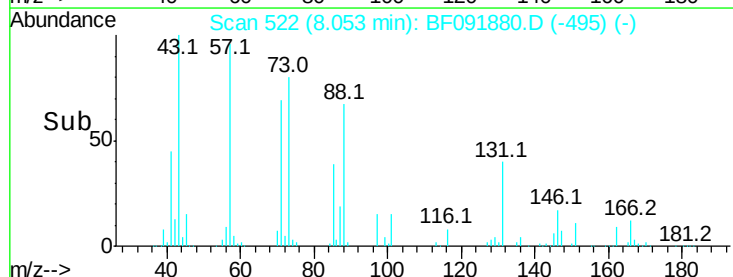
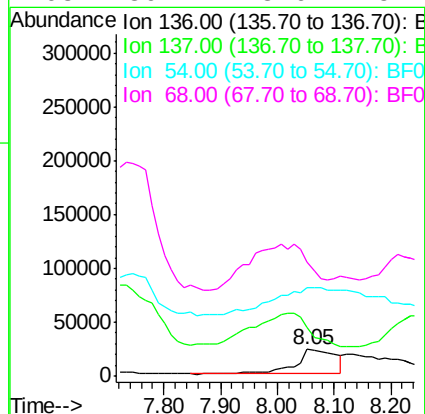
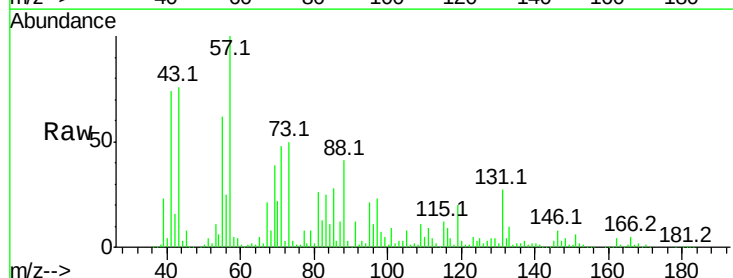
Ion Ratio Lower Upper

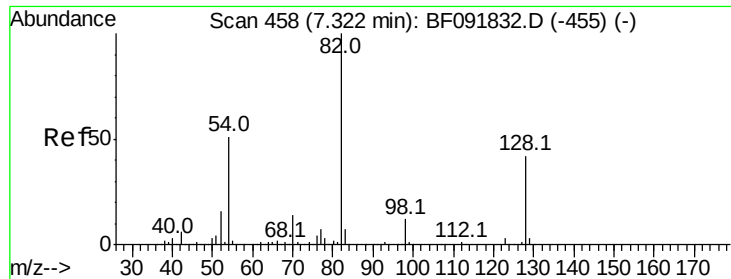
136 100

137 185.5 8.4 12.6#

54 332.4 4.5 6.7#

68 430.2 3.6 5.4#

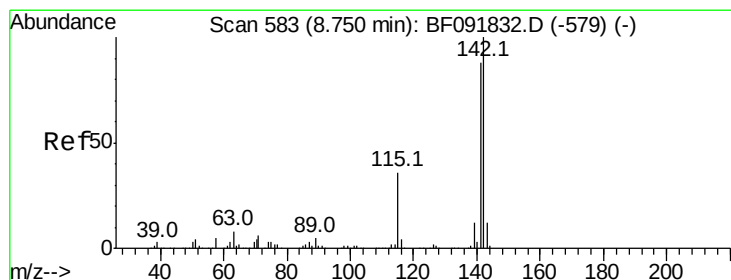
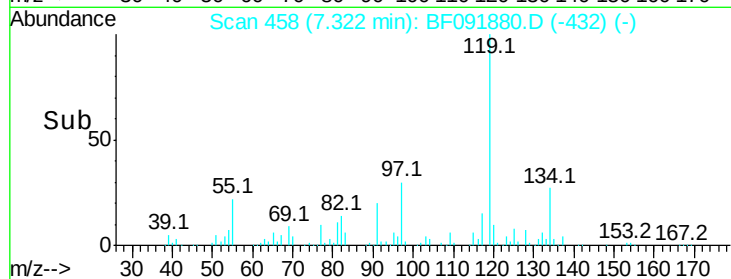
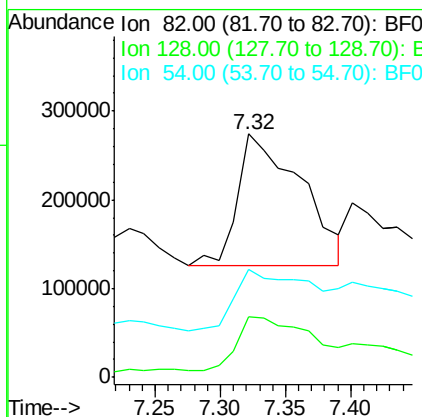
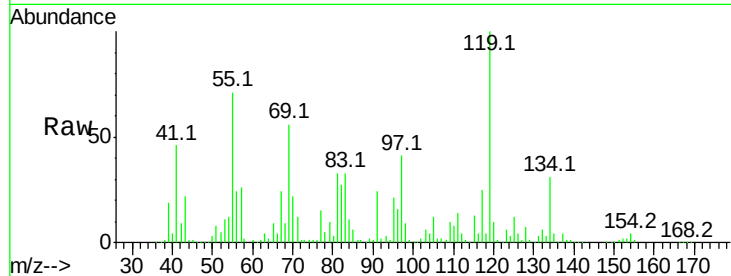




#23
 Nitrobenzene-d5
 Concen: 249.52 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

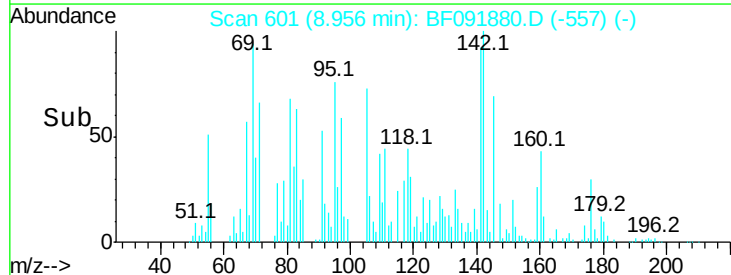
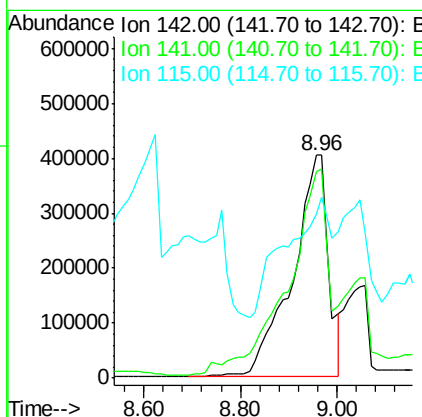
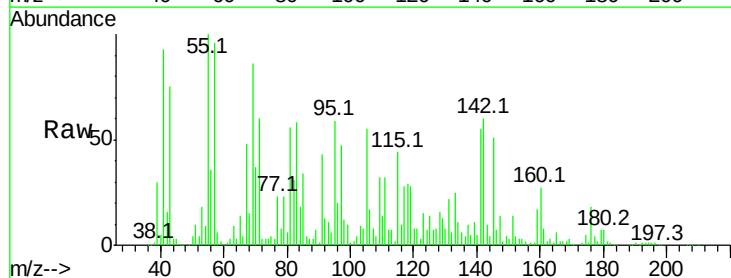
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

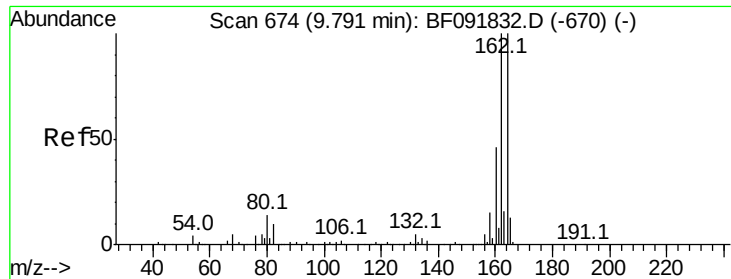
Tot Ion: 82 Resp: 502840
 Ion Ratio Lower Upper
 82 100
 128 24.7 34.6 52.0#
 54 44.6 39.5 59.3



#37
 2-Methylnaphthalene
 Concen: Below Cal
 RT: 8.96 min Scan# 601
 Delta R.T. 0.21 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

Tgt Ion:142 Resp: 2093117
 Ion Ratio Lower Upper
 142 100
 141 92.9 71.0 106.6
 115 73.4 28.3 42.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

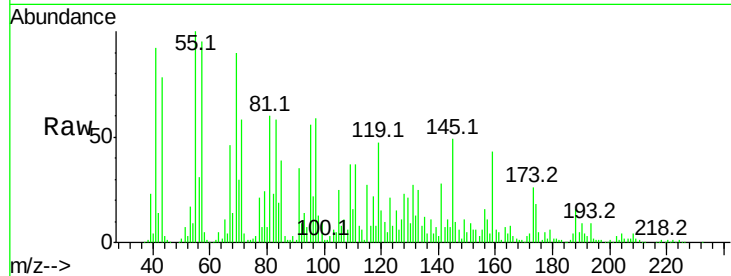
Tot Ion:164 Resp: 78643

Ion Ratio Lower Upper

164 100

162 29.7 80.2 120.2#

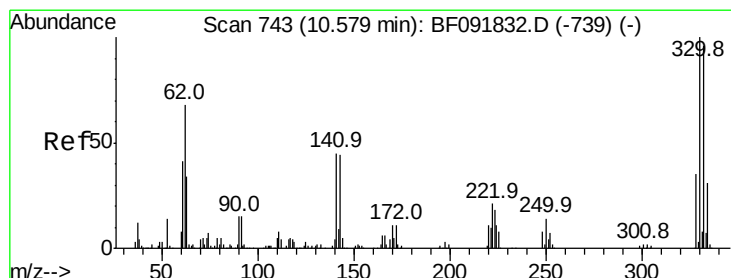
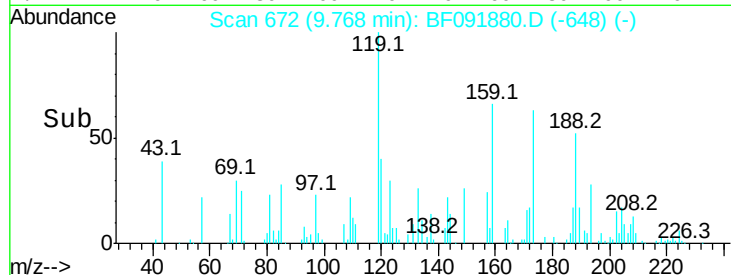
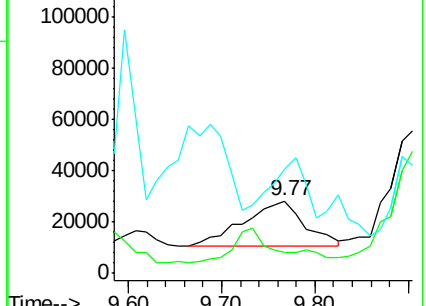
160 144.4 36.9 55.3#



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: 241.74 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.08 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

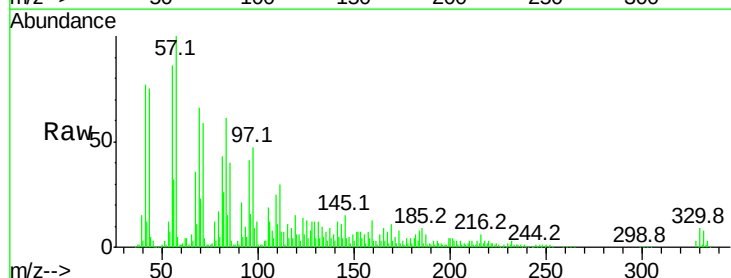
Tgt Ion:330 Resp: 157333

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

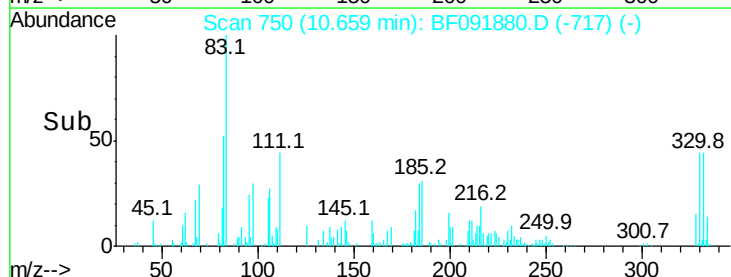
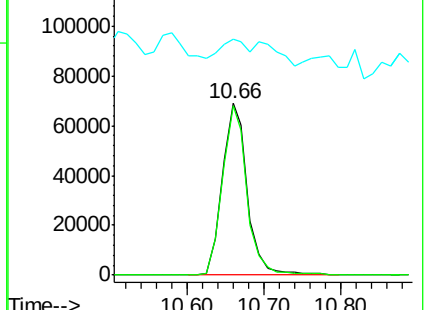
141 10.8 34.1 51.1#

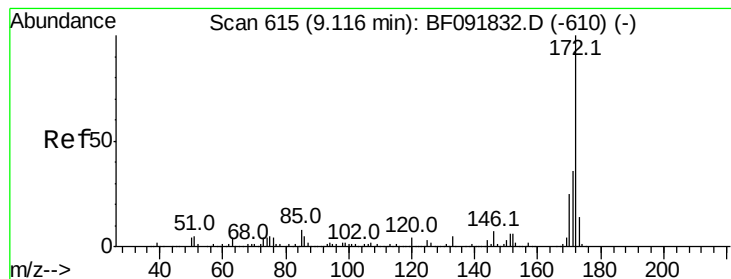


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 175.03 ng

RT: 9.25 min Scan# 627

Delta R.T. 0.14 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

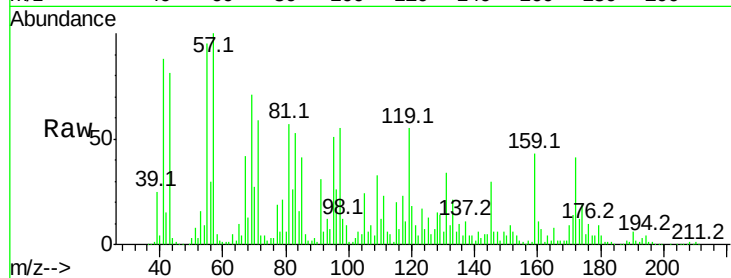
Tot Ion:172 Resp: 619355

Ion Ratio Lower Upper

172 100

171 34.8 29.4 44.0

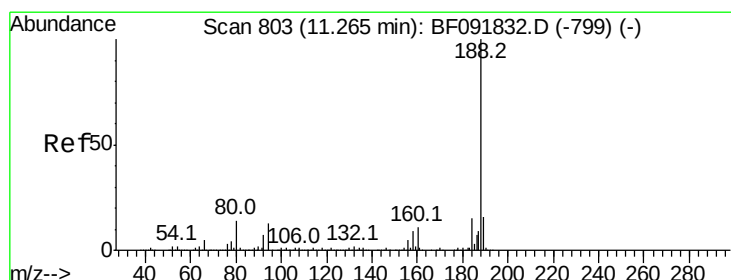
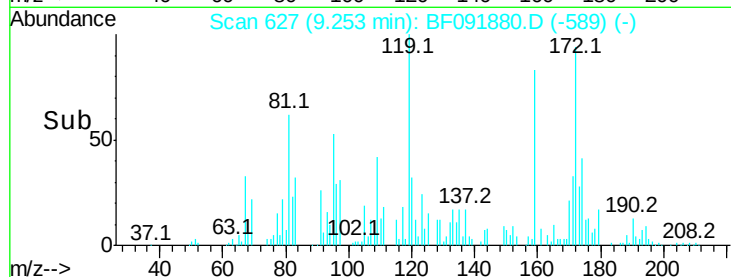
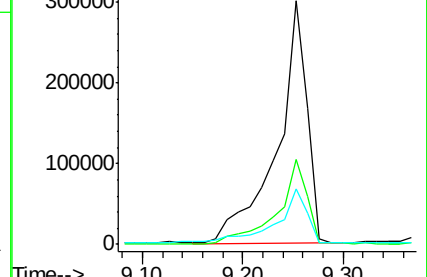
170 23.0 20.2 30.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.08 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

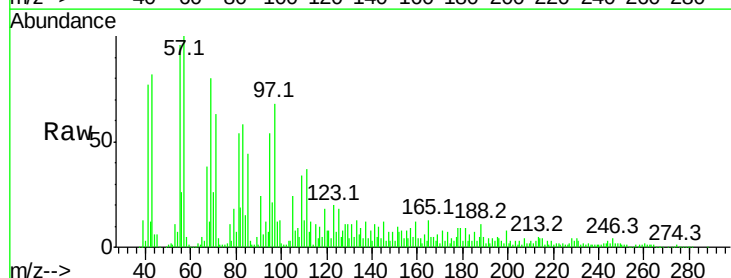
Tgt Ion:188 Resp: 197921

Ion Ratio Lower Upper

188 100

94 65.3 10.0 15.0#

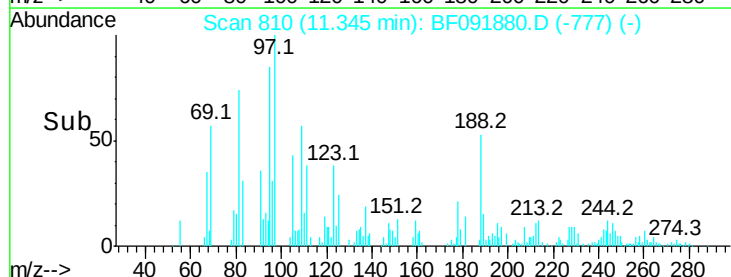
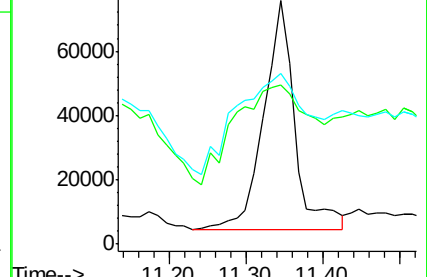
80 70.0 11.2 16.8#

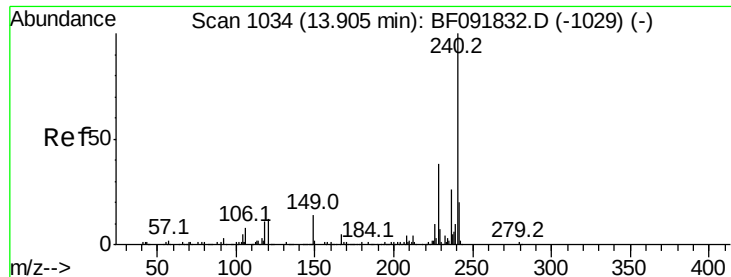


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.03 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

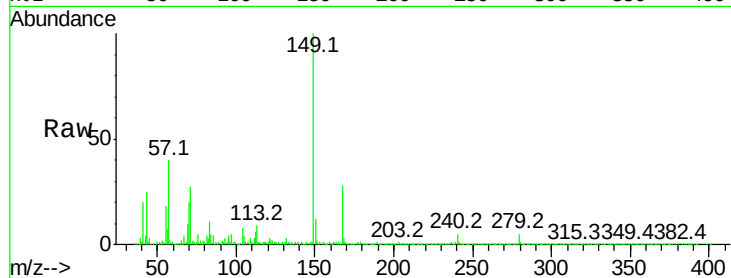
Tot Ion:240 Resp: 168107

Ion Ratio Lower Upper

240 100

120 21.4 12.9 19.3#

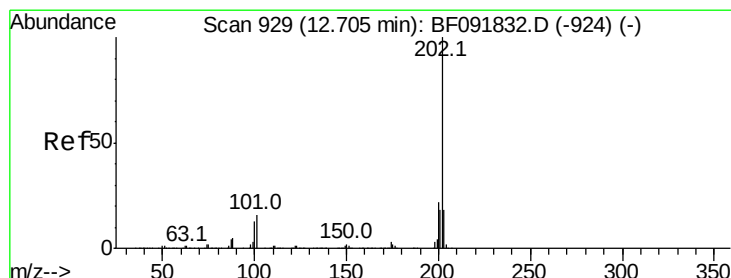
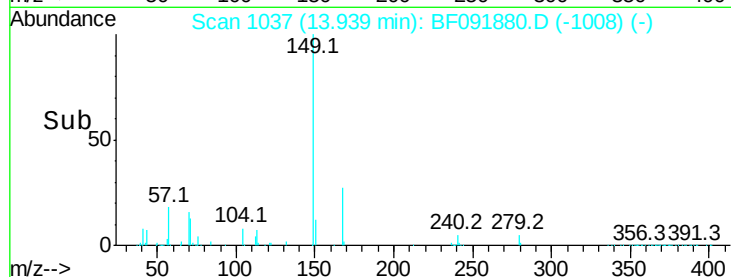
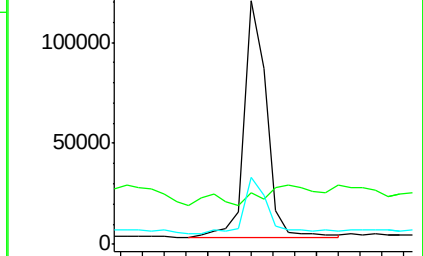
236 27.5 20.9 31.3



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



#77

Pyrene

Concen: 19.43 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.07 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

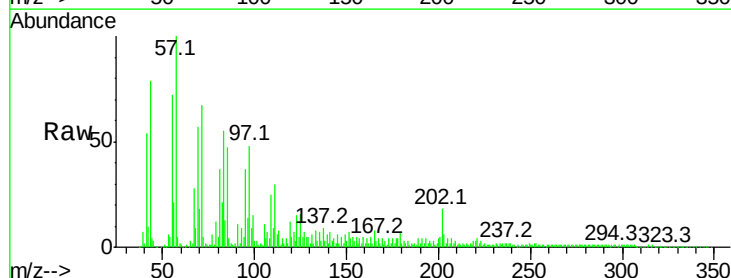
Tgt Ion:202 Resp: 239621

Ion Ratio Lower Upper

202 100

200 23.5 17.7 26.5

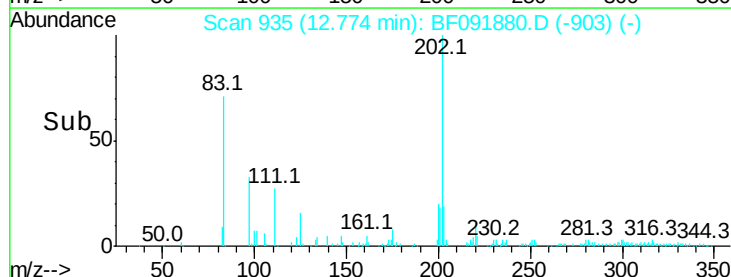
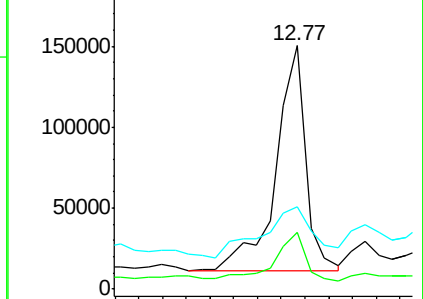
203 33.6 14.7 22.1#

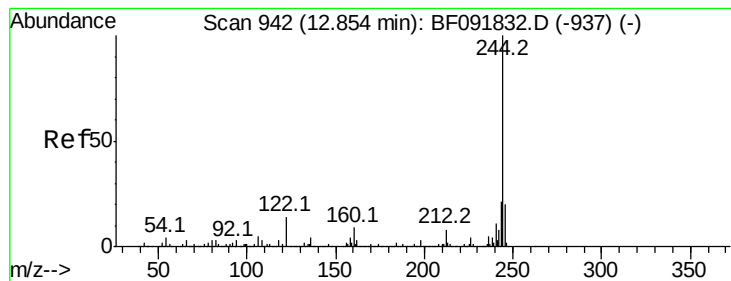


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 104.26 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.06 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

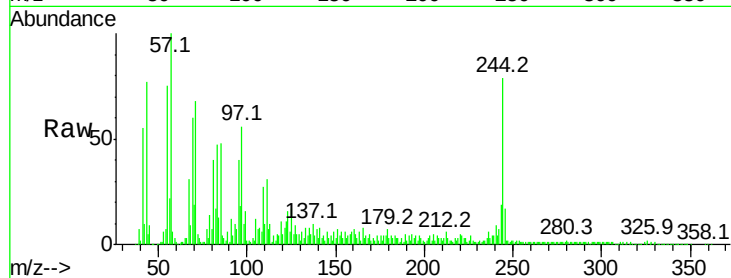
Tot Ion:244 Resp: 722678

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

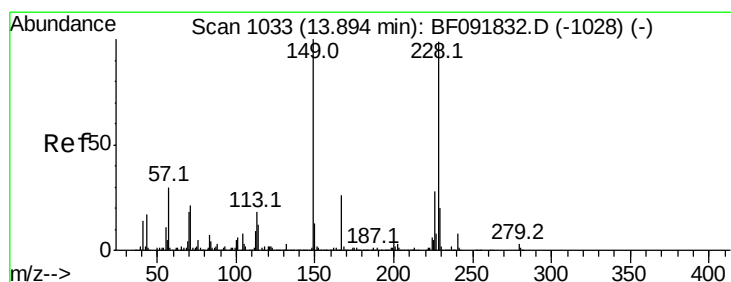
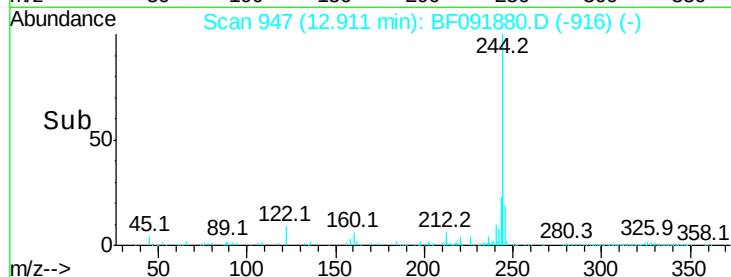
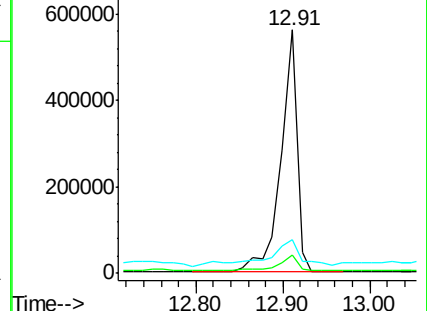
122 13.7 11.4 17.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 785.92 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.05 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

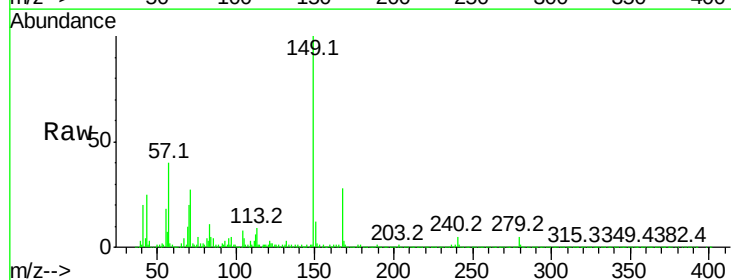
Tgt Ion:149 Resp: 5192038

Ion Ratio Lower Upper

149 100

167 28.0 20.2 30.4

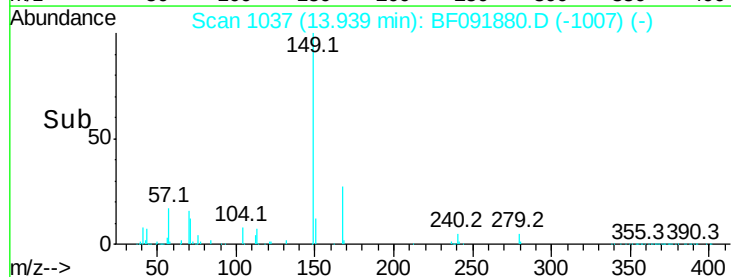
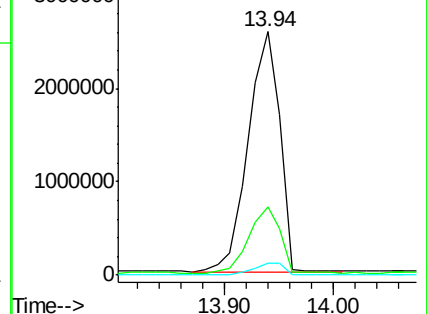
279 4.7 1.8 2.8#

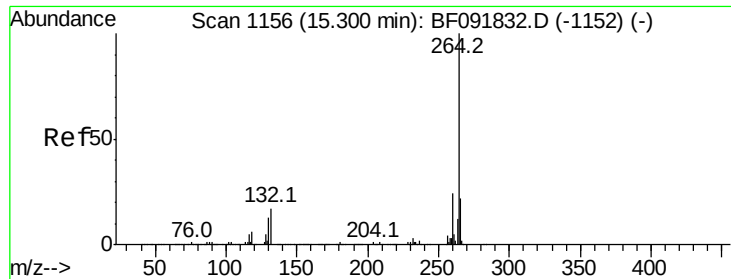


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. 0.05 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.1	17.4	26.0

