

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091841.D
 Acq On : 21 Dec 2016 18:50
 Operator : UM/SJ
 Sample : H6103-05
 Misc : LOD 8PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT1-2017

Quant Time: Dec 22 03:00:45 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	6.75	152	256293	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1058932	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	570305	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1005094	20.00	ng	0.00
75) Chrysene-d12	13.89	240	776359	20.00	ng	-0.01
86) Perylene-d12	15.29	264	758374	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2333389	152.02	ng	0.02
7) Phenol-d6	6.40	99	2215428	118.22	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1632003	85.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	635400	134.63	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2911908	108.13	ng	0.00
78) Terphenyl-d14	12.85	244	2333180	72.89	ng	0.00

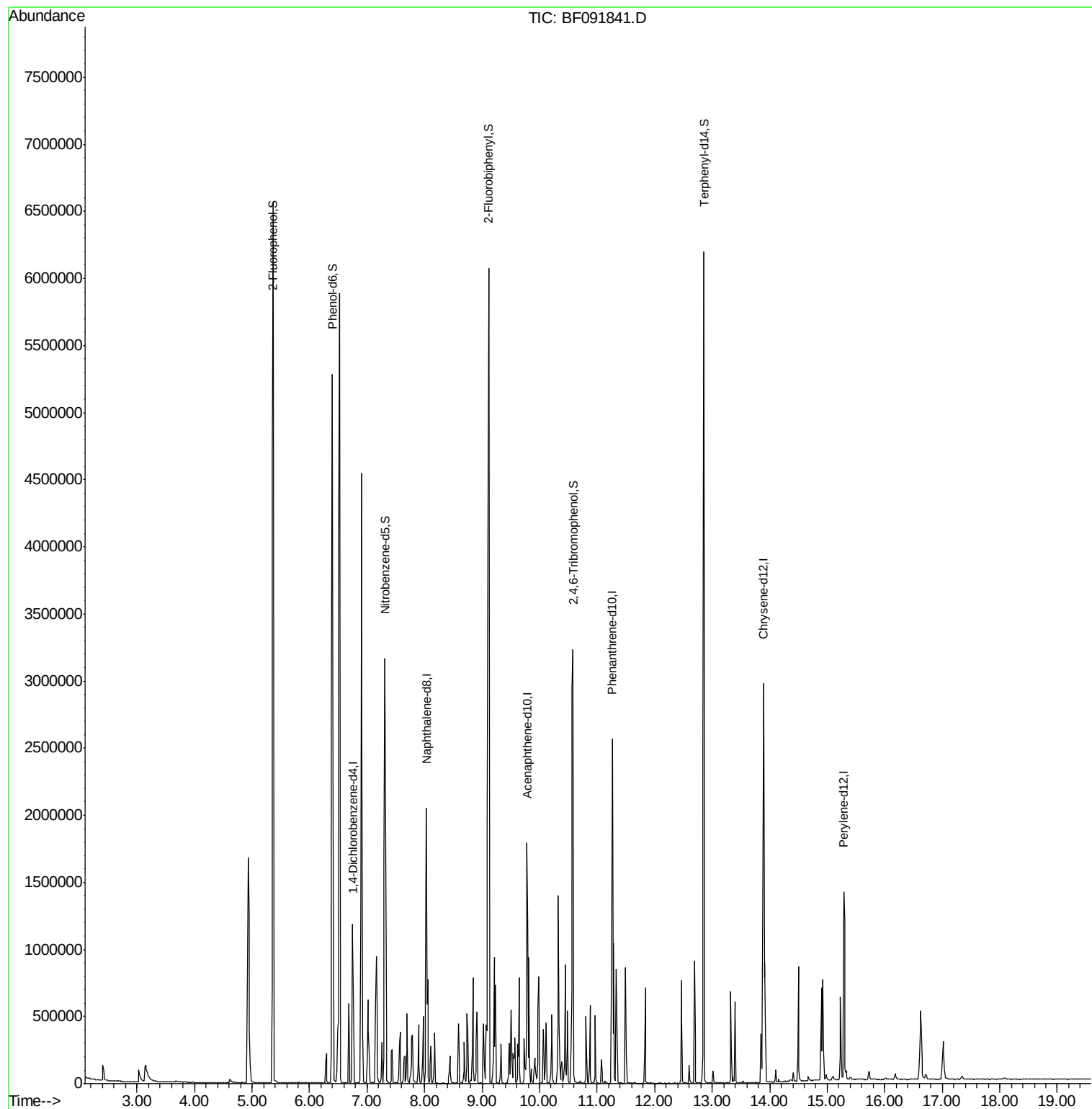
Target Compounds Qvalue

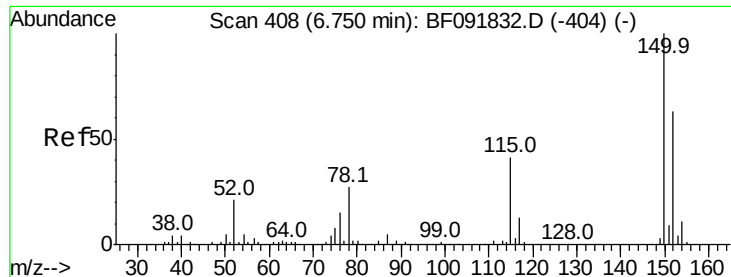
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091841.D

Acq: 21 Dec 2016 18:50

Instrument :

BNA_F

ClientSampleId :

LOD-WATER-05-QT1-2017

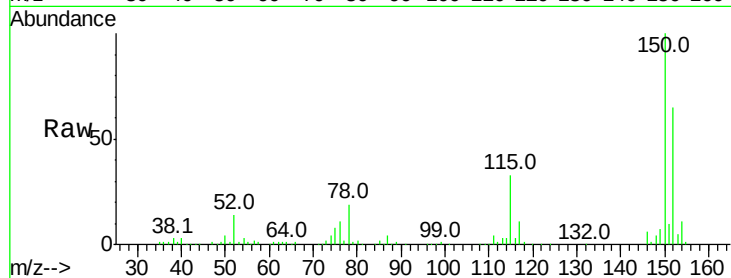
Tot Ion:152 Resp: 256293

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

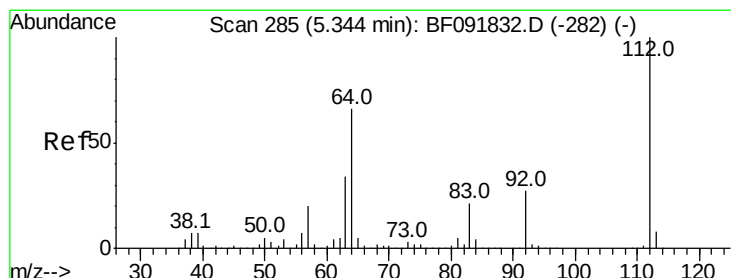
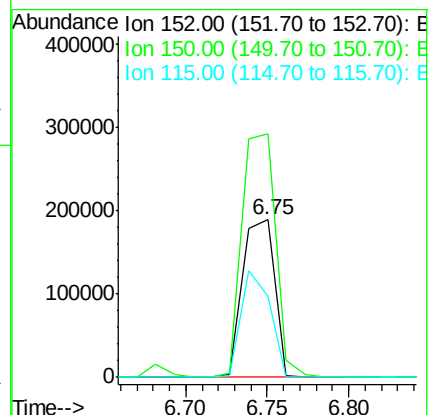
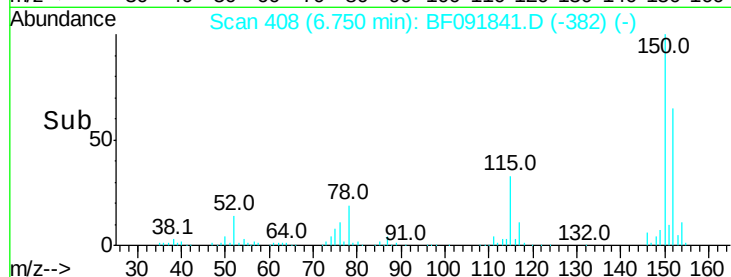
115 51.4 46.0 69.0



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: 152.02 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091841.D

Acq: 21 Dec 2016 18:50

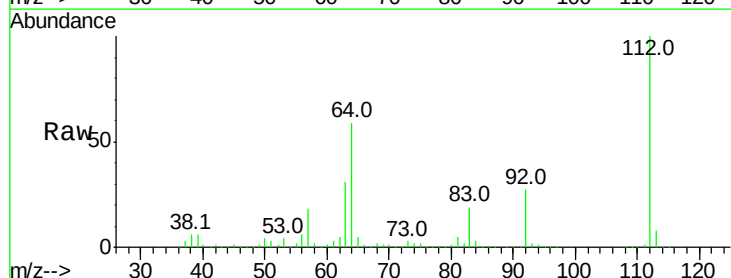
Tgt Ion:112 Resp: 2333389

Ion Ratio Lower Upper

112 100

64 59.4 46.1 69.1

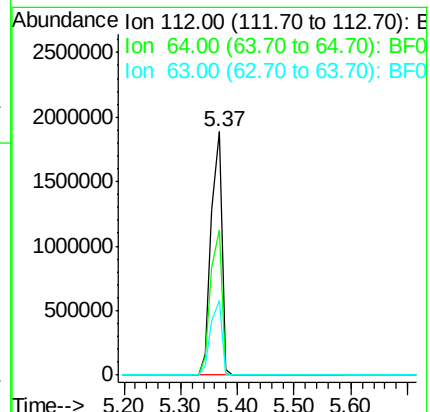
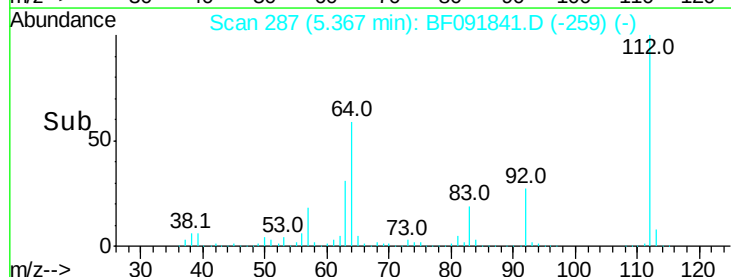
63 30.8 23.8 35.6

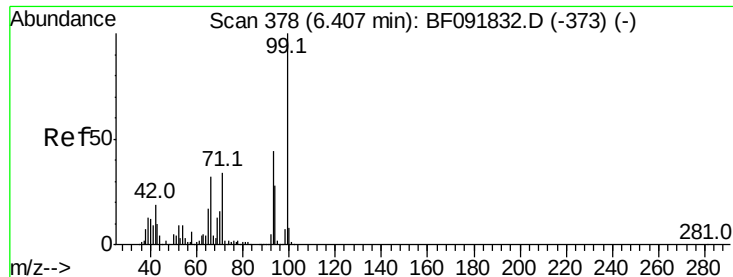


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.22 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091841.D

Acq: 21 Dec 2016 18:50

Instrument :

BNA_F

ClientSampleId :

LOD-WATER-05-QT1-2017

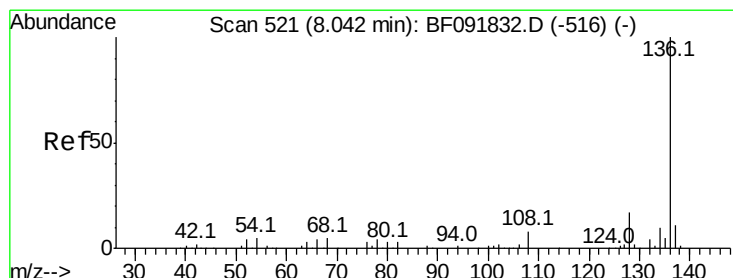
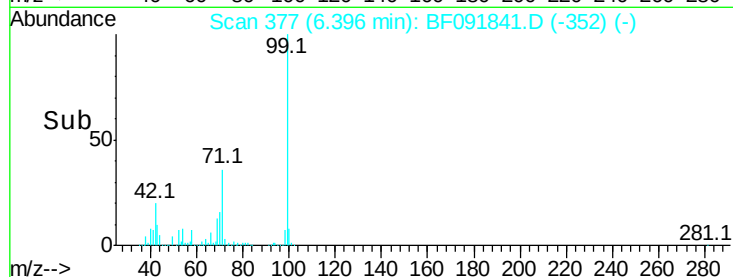
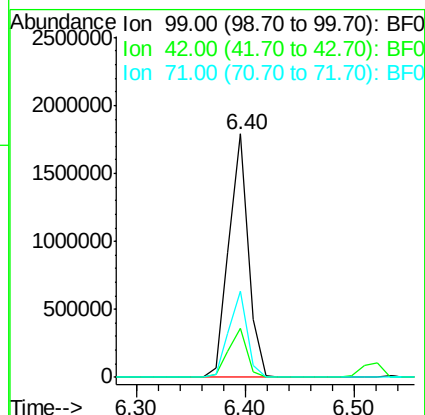
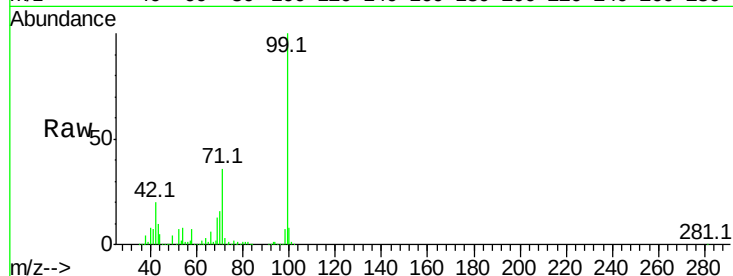
Tot Ion: 99 Resp: 2215428

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

71 35.5 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091841.D

Acq: 21 Dec 2016 18:50

Tgt Ion: 136 Resp: 1058932

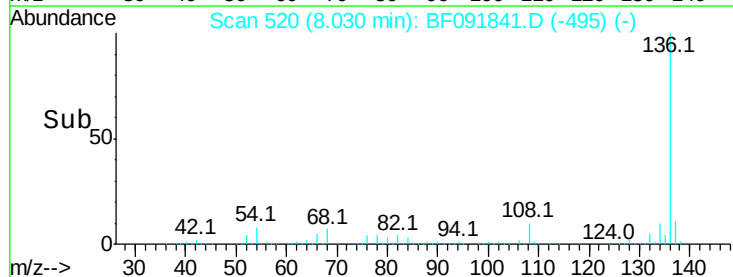
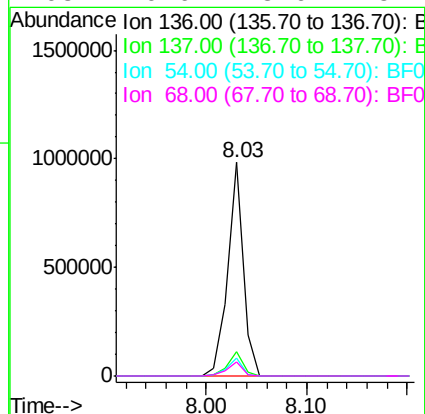
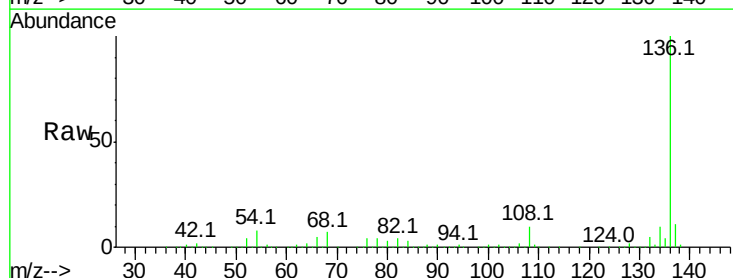
Ion Ratio Lower Upper

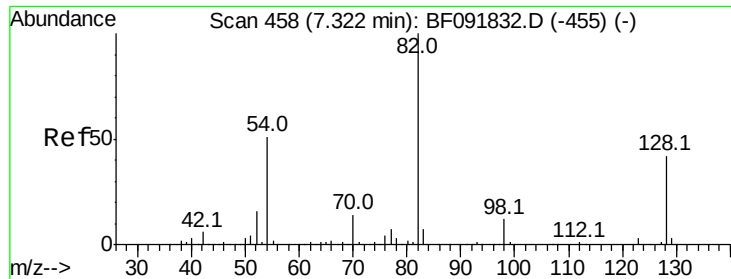
136 100

137 11.3 8.4 12.6

54 8.4 4.5 6.7#

68 6.6 3.6 5.4#



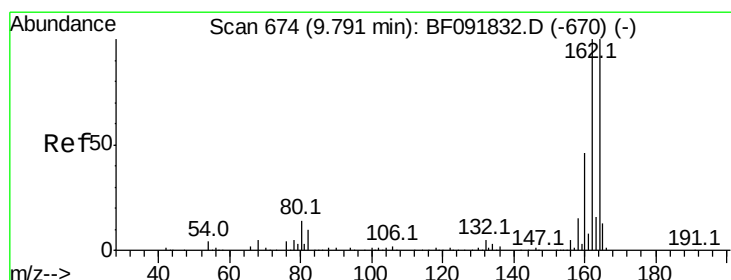
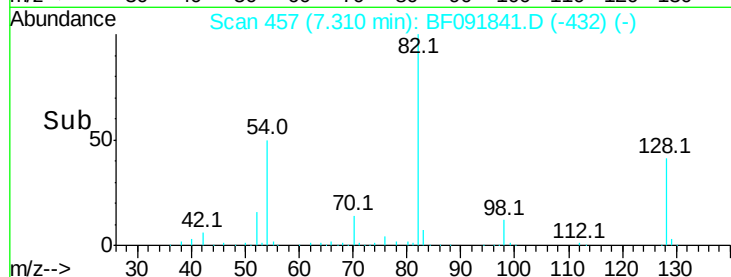
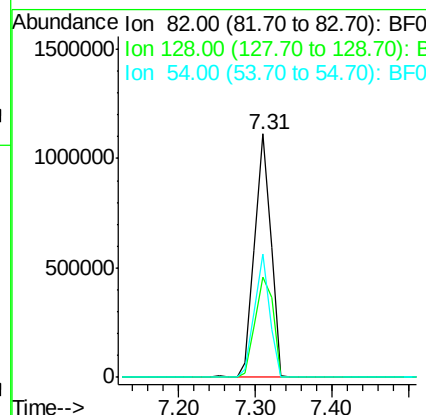
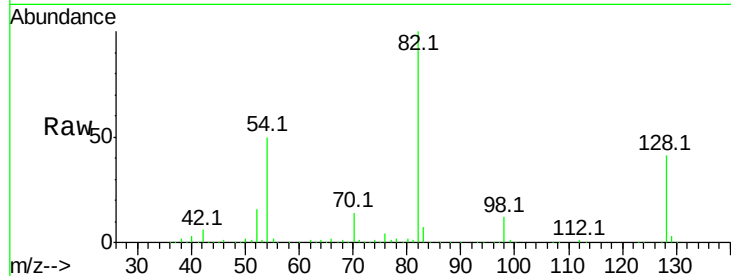


#23
 Nitrobenzene-d5
 Concen: 85.70 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091841.D
 Acq: 21 Dec 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT1-2017

Tot Ion: 82 Resp: 1632003

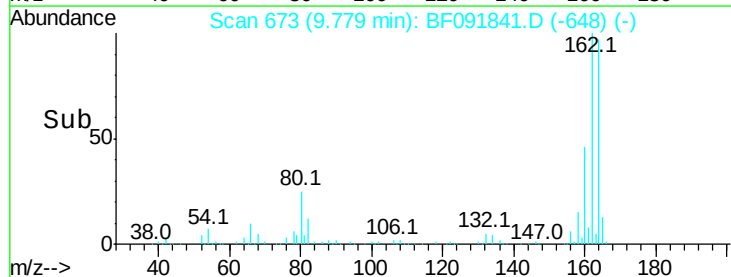
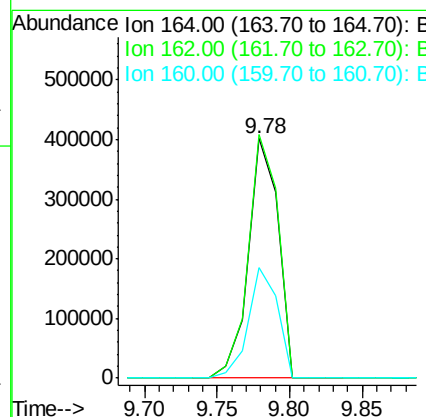
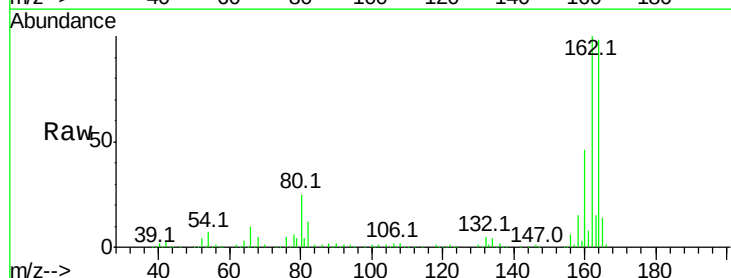
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	50.5	39.5	59.3

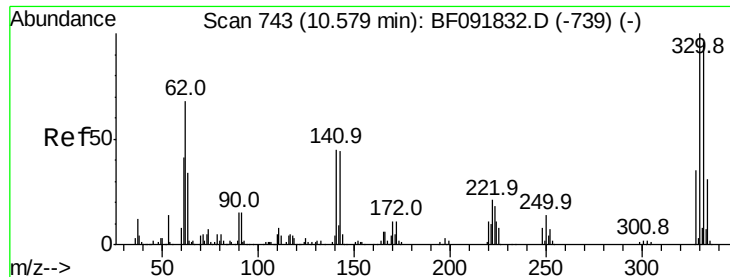


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091841.D
 Acq: 21 Dec 2016 18:50

Tgt Ion:164 Resp: 570305

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	46.4	36.9	55.3

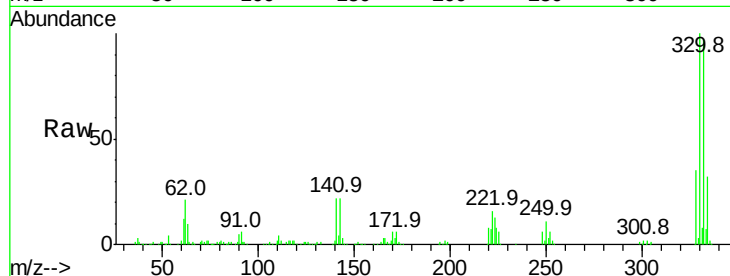




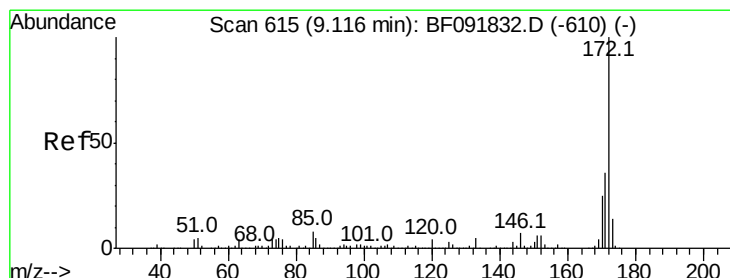
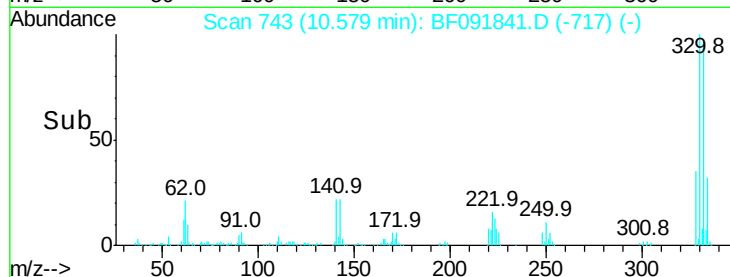
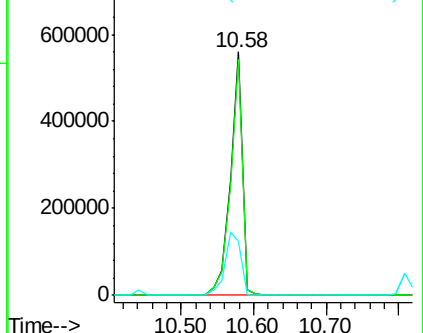
#41
 2,4,6-Tribromophenol
 Concen: 134.63 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091841.D
 Acq: 21 Dec 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT1-2017

Tot Ion:330 Resp: 635400
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 35.1 34.1 51.1

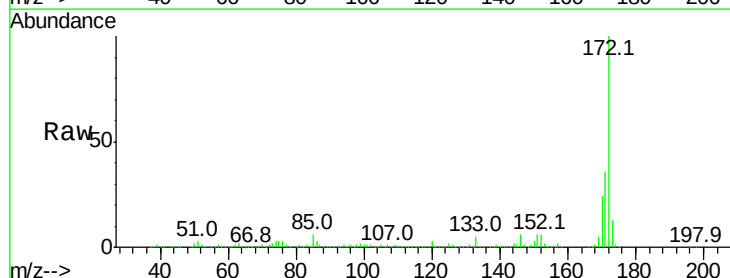


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

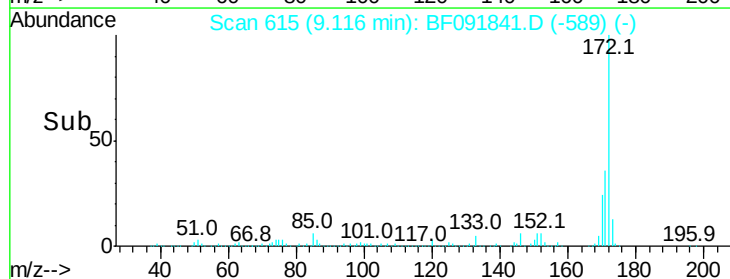
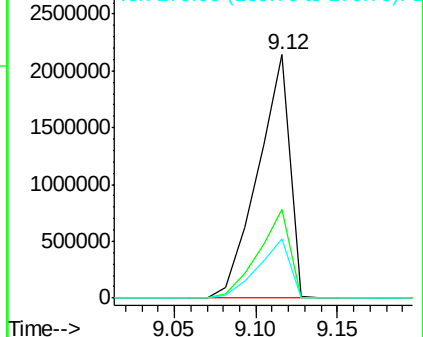


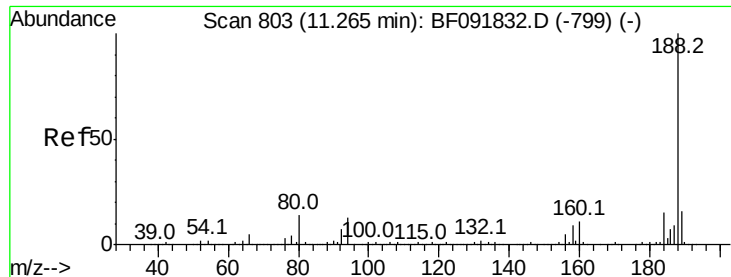
#44
 2-Fluorobiphenyl
 Concen: 108.13 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091841.D
 Acq: 21 Dec 2016 18:50

Tgt Ion:172 Resp: 2911908
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.4 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

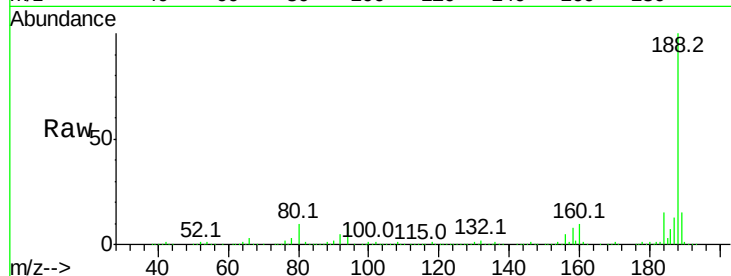




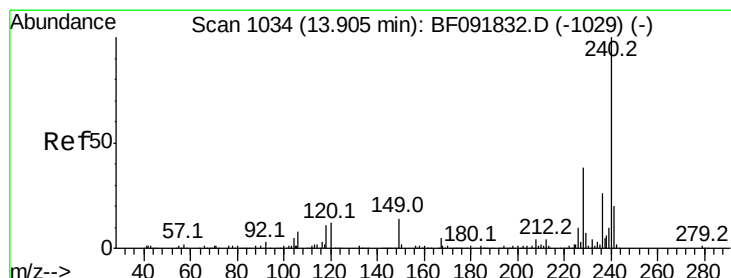
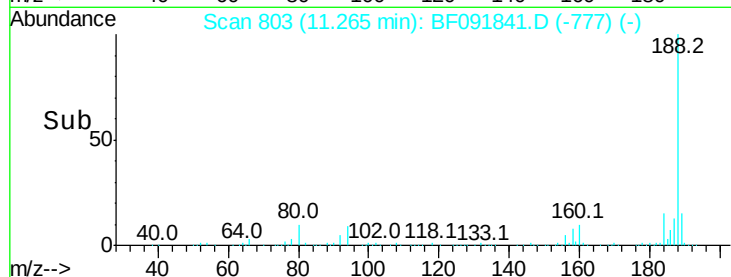
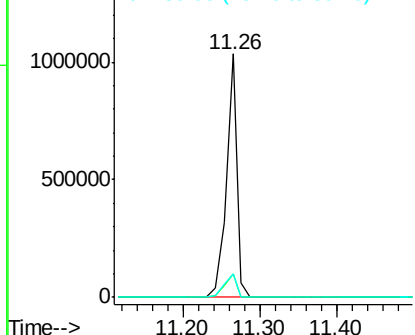
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091841.D
Acq: 21 Dec 2016 18:50

Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion:188 Resp: 1005094
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 9.8 11.2 16.8#

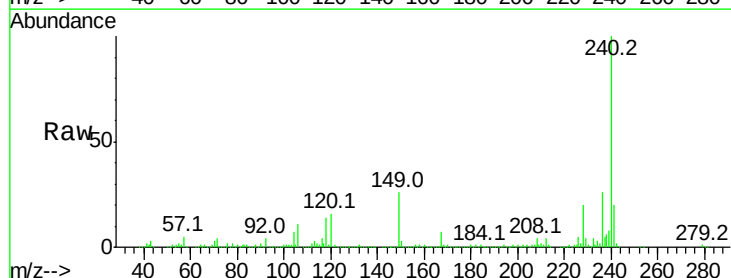


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

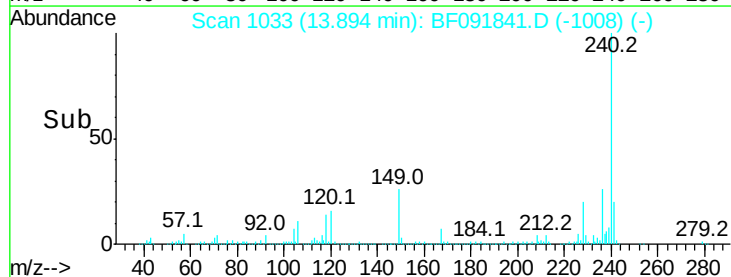
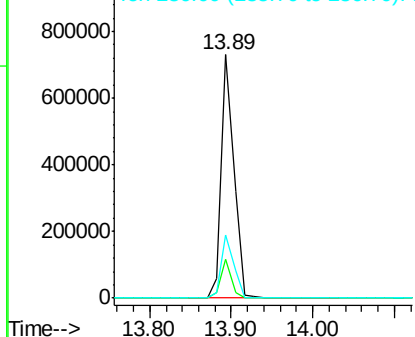


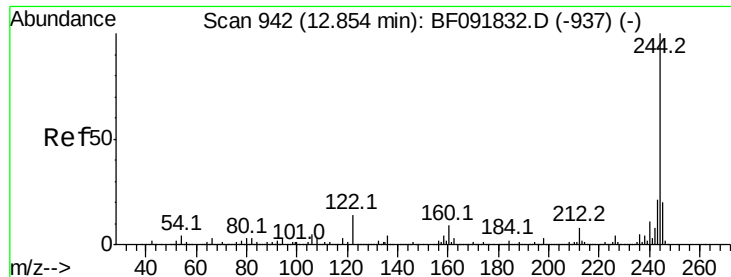
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091841.D
Acq: 21 Dec 2016 18:50

Tgt Ion:240 Resp: 776359
Ion Ratio Lower Upper
240 100
120 15.8 12.9 19.3
236 26.0 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





#78

Terphenyl-d14

Concen: 72.89 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091841.D

Acq: 21 Dec 2016 18:50

Instrument :

BNA_F

ClientSampleId :

LOD-WATER-05-QT1-2017

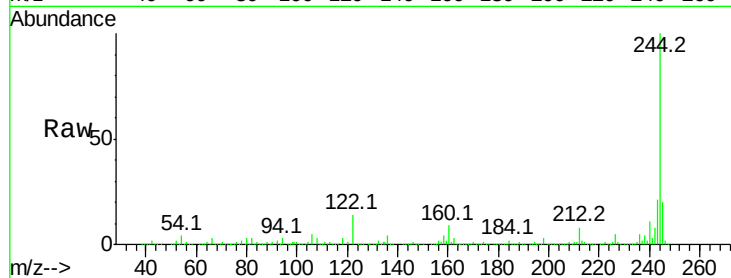
Tot Ion:244 Resp: 2333180

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

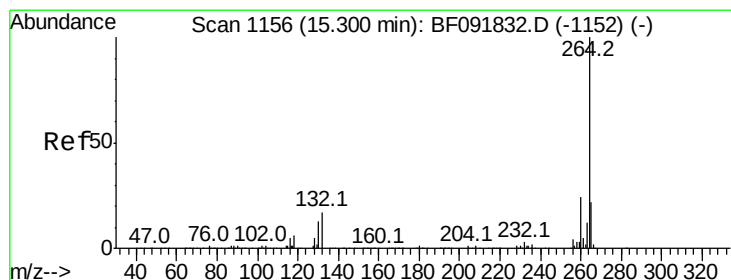
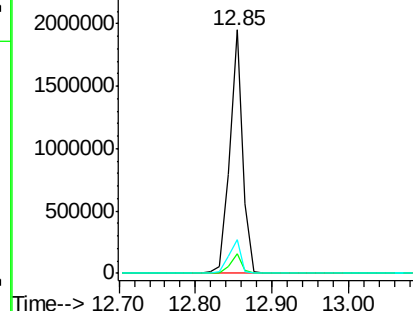
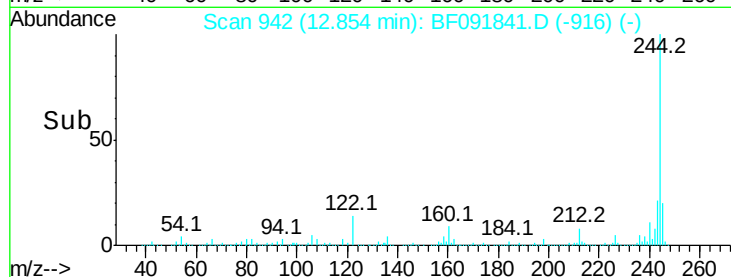
122 13.9 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091841.D

Acq: 21 Dec 2016 18:50

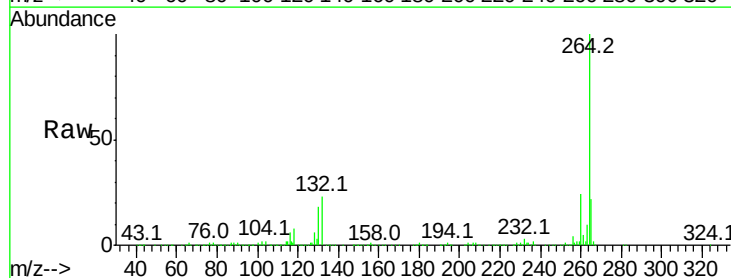
Tgt Ion:264 Resp: 758374

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.8 17.4 26.0



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

