

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091642.D
 Acq On : 15 Dec 2016 21:37
 Operator : UM/SJ
 Sample : H6029-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-WATER-02

Quant Time: Dec 16 01:13:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

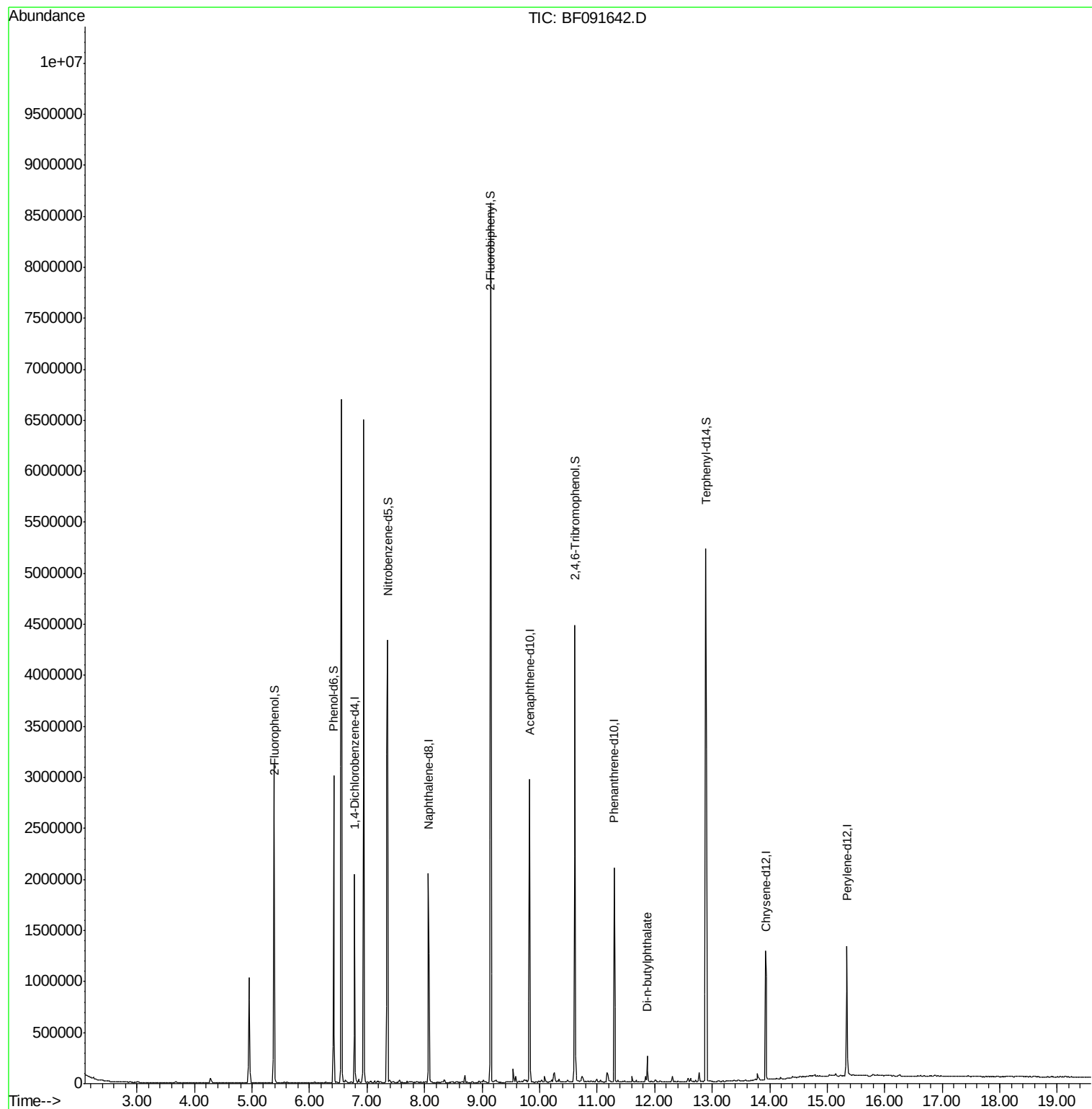
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	298007	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1186071	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	619786	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	799997	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	592287	20.00	ng	0.00
86) Perylene-d12	15.35	264	600895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1201929	67.95	ng	0.01
7) Phenol-d6	6.42	99	914978	41.49	ng	-0.01
23) Nitrobenzene-d5	7.36	82	2018918	95.00	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	553483	107.52	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2697615	75.21	ng	0.00
78) Terphenyl-d14	12.89	244	2149509	82.35	ng	-0.01
Target Compounds						
73) Di-n-butylphthalate	11.87	149	87747	2.01	ng	Qvalue 99

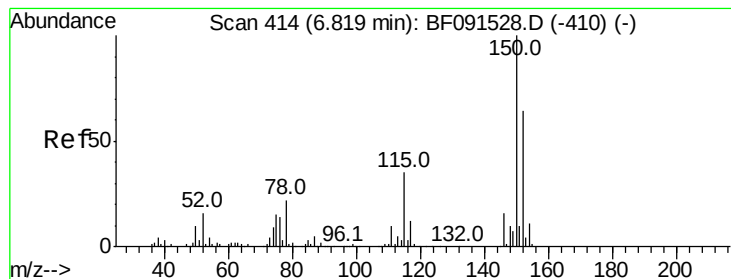
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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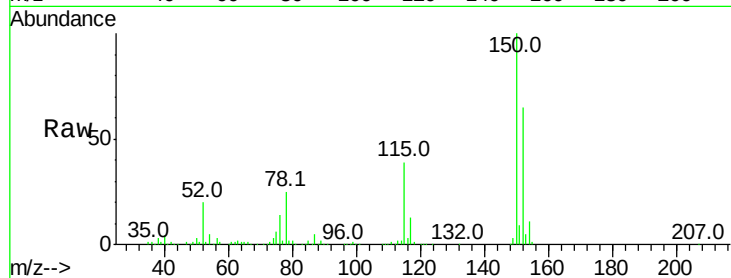


#1

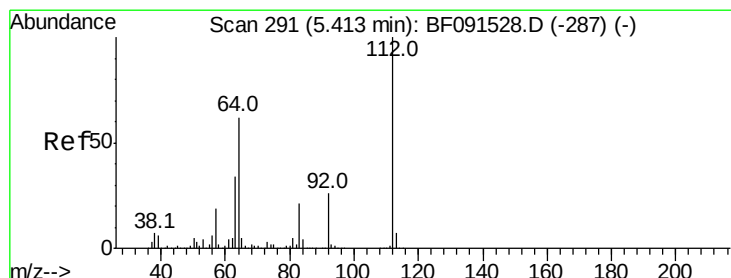
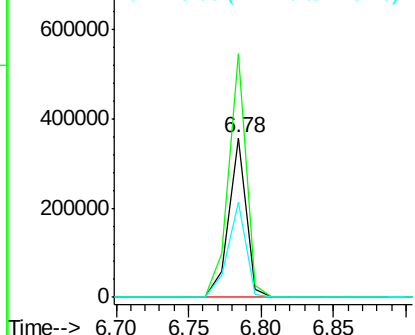
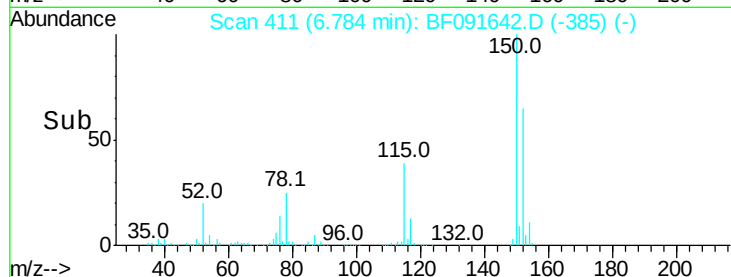
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

Tot Ion:152 Resp: 298007
Ion Ratio Lower Upper
152 100
150 152.8 122.5 183.7
115 59.5 51.8 77.8



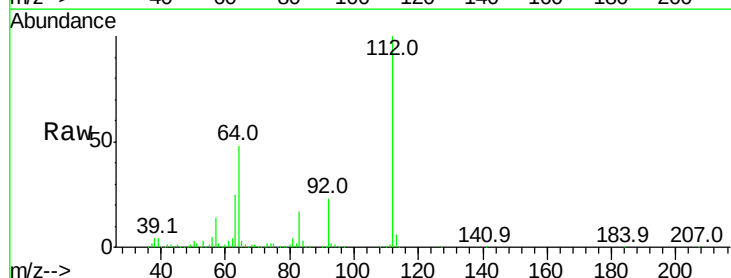
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



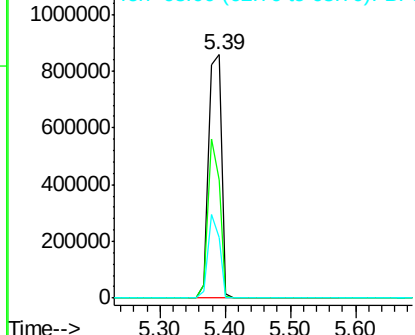
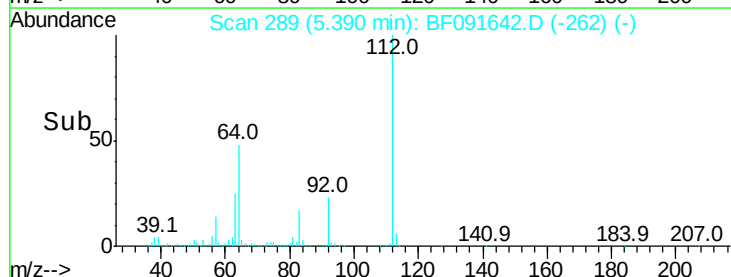
#5

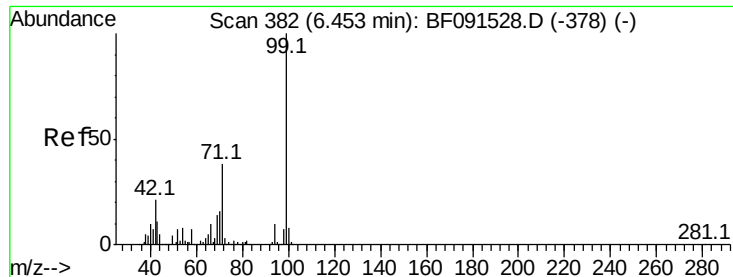
2-Fluorophenol
Concen: 67.95 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Tgt Ion:112 Resp: 1201929
Ion Ratio Lower Upper
112 100
64 48.4 61.5 92.3#
63 24.7 33.3 49.9#



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: 41.49 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091642.D

Acq: 15 Dec 2016 21:37

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-02

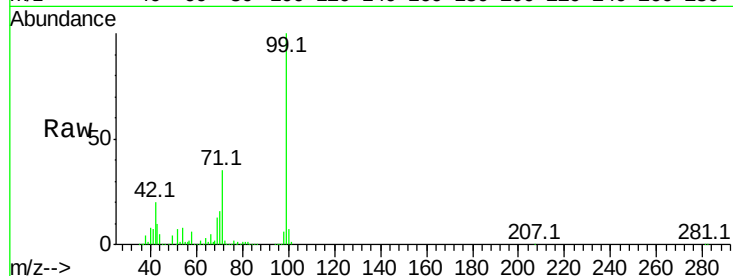
Tot Ion: 99 Resp: 914978

Ion Ratio Lower Upper

99 100

42 20.0 20.6 31.0#

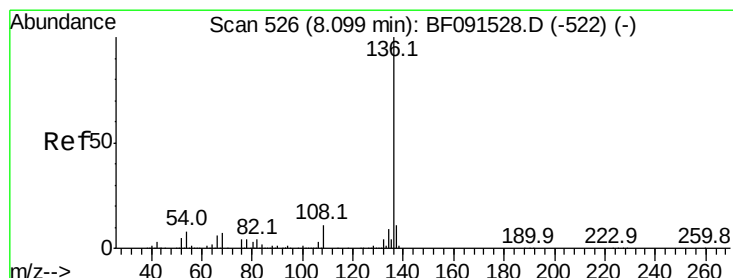
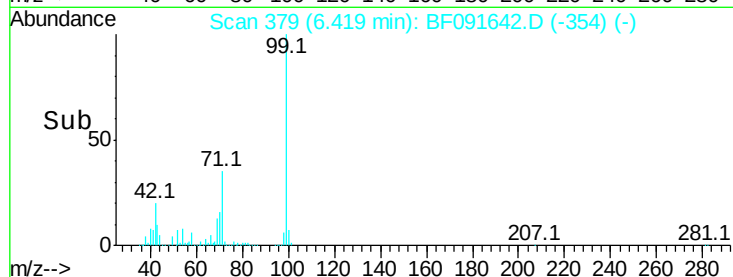
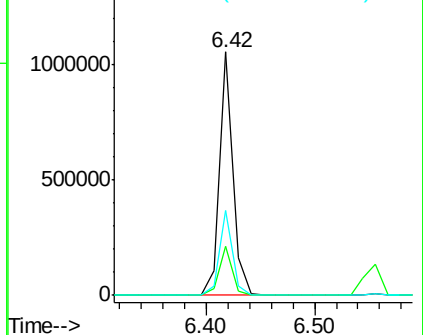
71 34.6 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091642.D

Acq: 15 Dec 2016 21:37

Tgt Ion: 136 Resp: 1186071

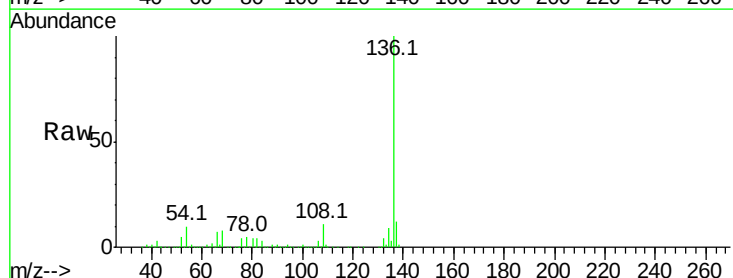
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 10.3 9.1 13.7

68 7.9 5.9 8.9

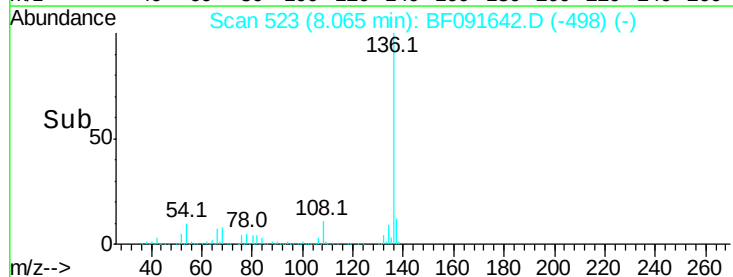
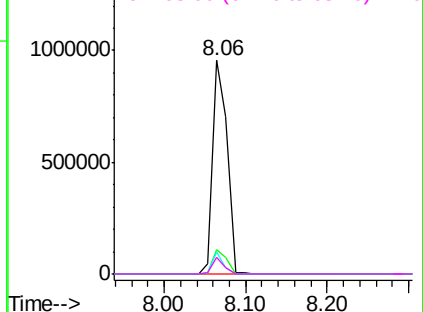


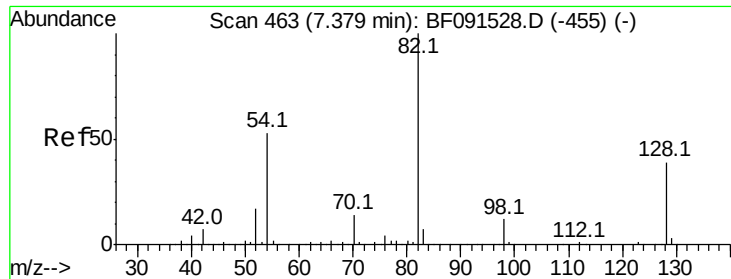
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

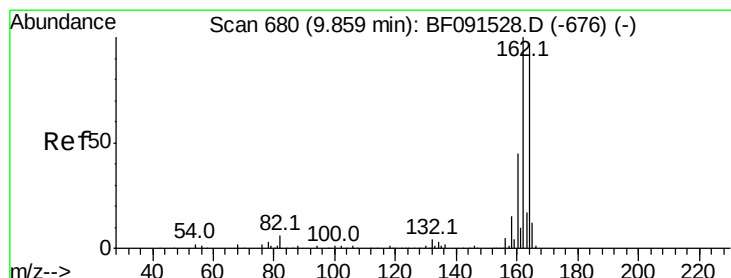
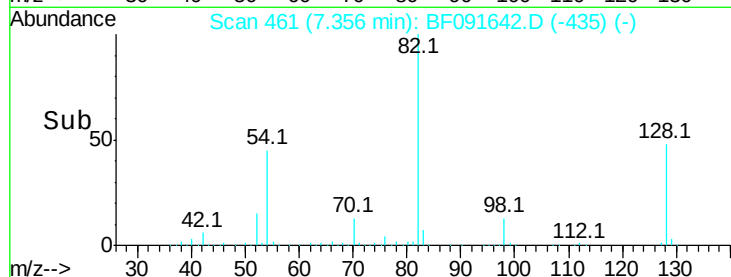
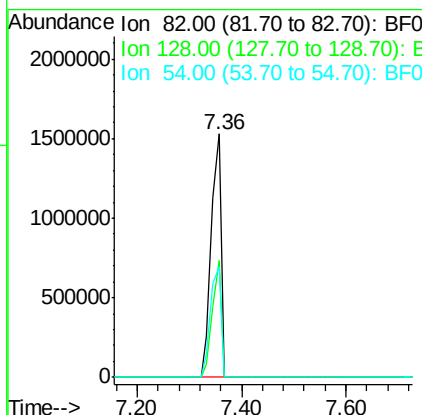
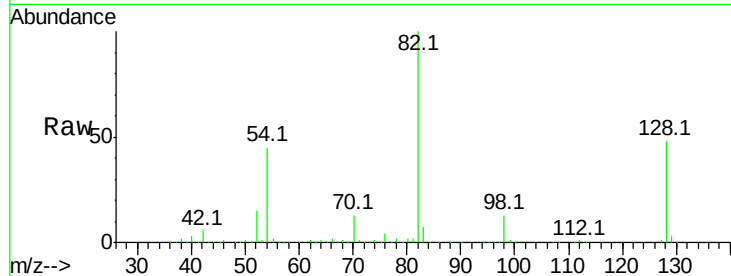




#23
Nitrobenzene-d5
Concen: 95.00 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

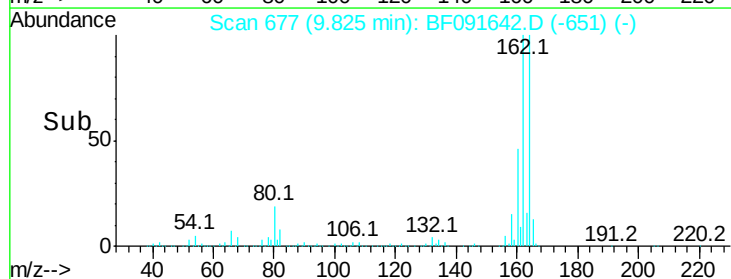
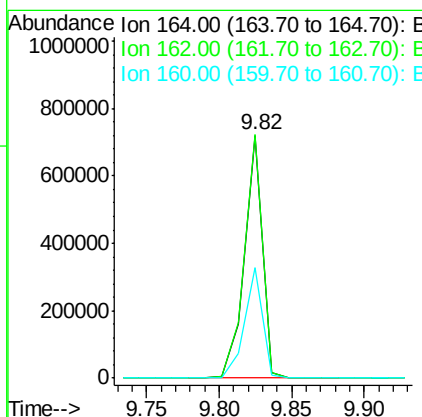
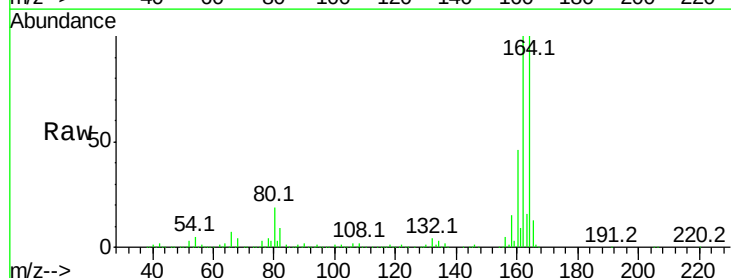
Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

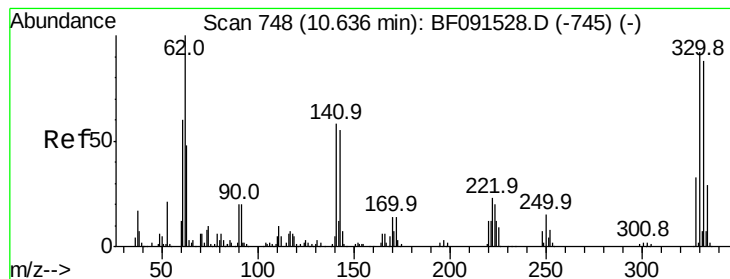
Tot Ion: 82 Resp: 2018918
Ion Ratio Lower Upper
82 100
128 48.1 31.8 47.6#
54 45.4 49.1 73.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Tgt Ion:164 Resp: 619786
Ion Ratio Lower Upper
164 100
162 100.3 82.6 124.0
160 45.7 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 107.52 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF091642.D

Acq: 15 Dec 2016 21:37

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-02

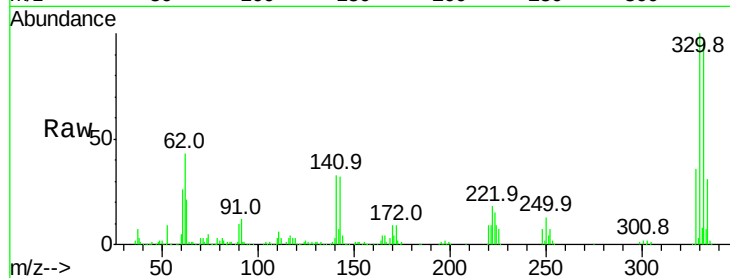
Tot Ion:330 Resp: 553483

Ion Ratio Lower Upper

330 100

332 97.3 76.2 114.4

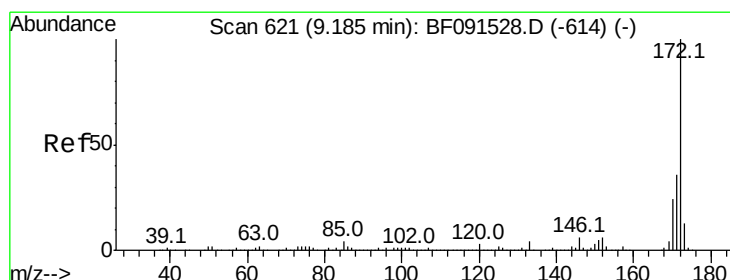
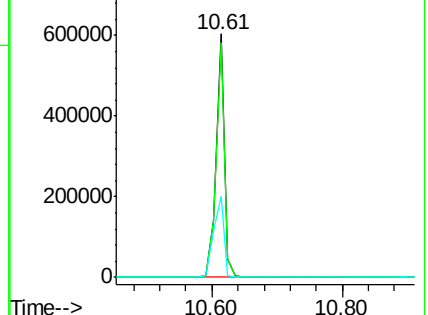
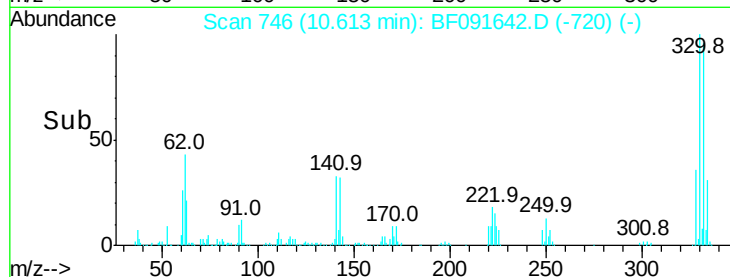
141 40.8 33.6 50.4



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



#44

2-Fluorobiphenyl

Concen: 75.21 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF091642.D

Acq: 15 Dec 2016 21:37

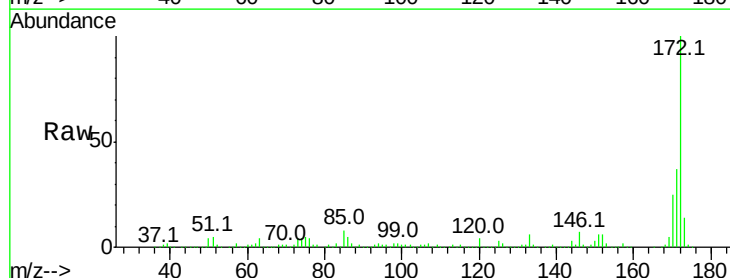
Tgt Ion:172 Resp: 2697615

Ion Ratio Lower Upper

172 100

171 37.4 29.4 44.0

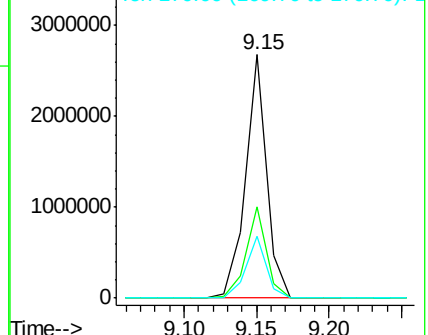
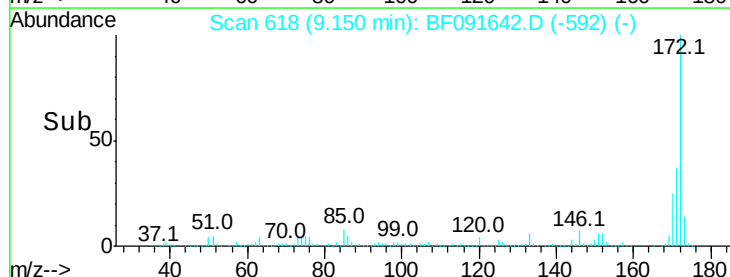
170 25.4 19.7 29.5

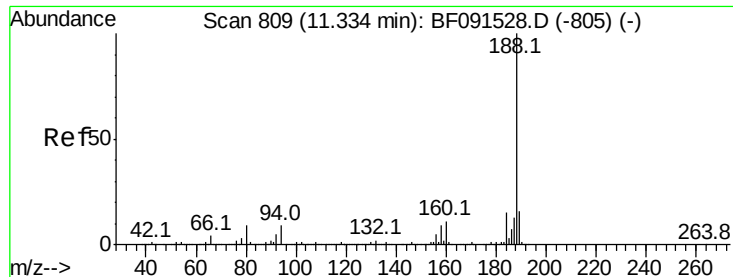


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

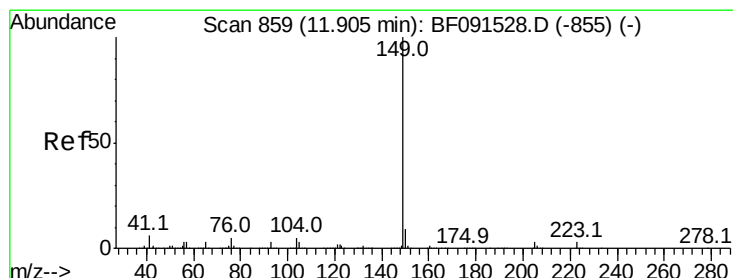
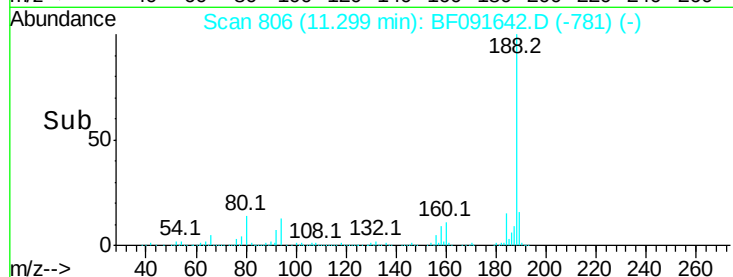
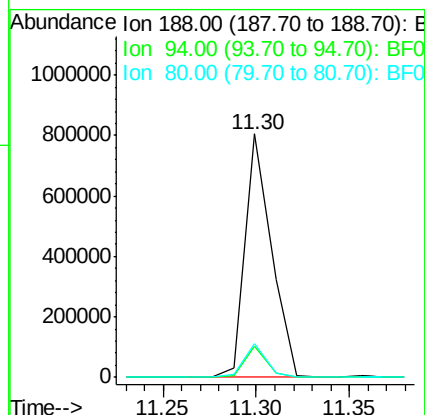
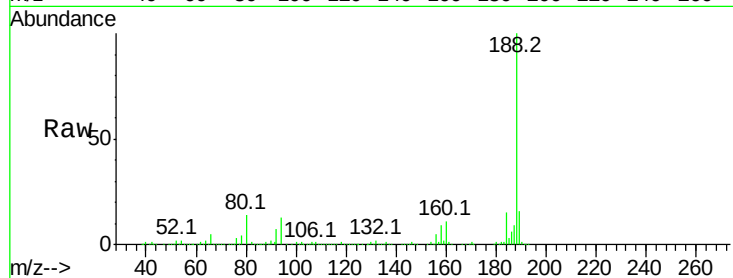




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

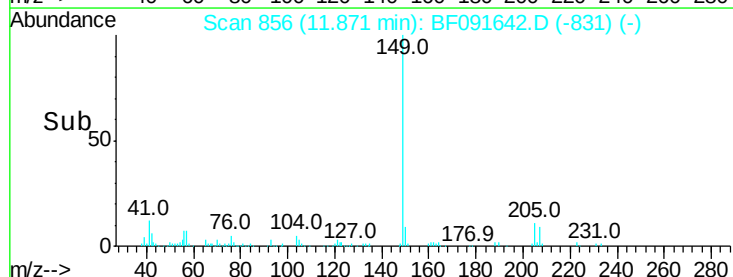
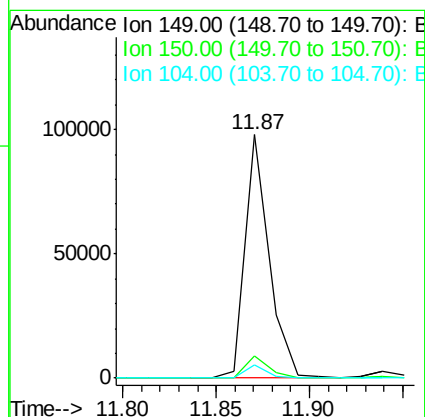
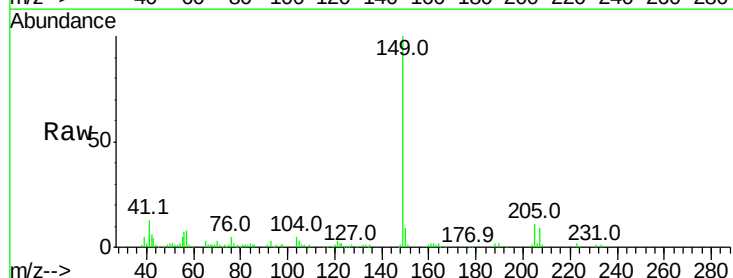
Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

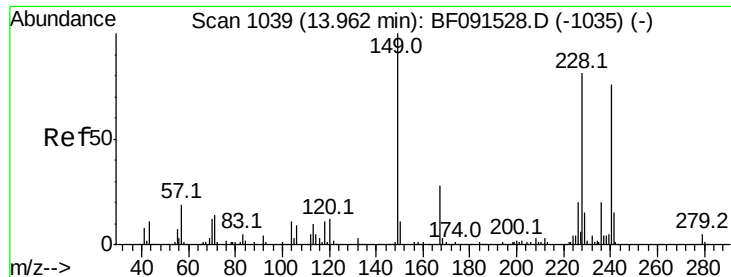
Tot Ion:188 Resp: 799997
Ion Ratio Lower Upper
188 100
94 12.6 9.2 13.8
80 14.0 10.5 15.7



#73
Di-n-butylphthalate
Concen: 2.01 ng
RT: 11.87 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Tgt Ion:149 Resp: 87747
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.5 4.0 6.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF091642.D

Acq: 15 Dec 2016 21:37

Instrument :

BNA_F

ClientSampleId :

IDW-WATER-02

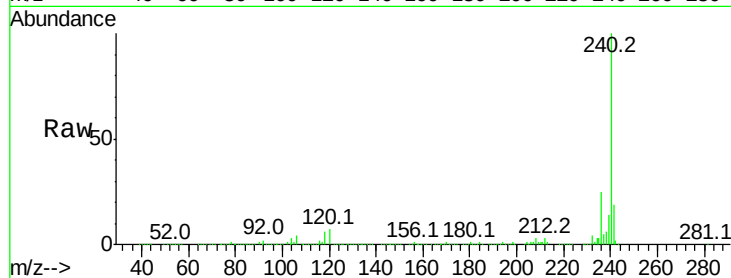
Tot Ion:240 Resp: 592287

Ion Ratio Lower Upper

240 100

120 6.7 12.1 18.1#

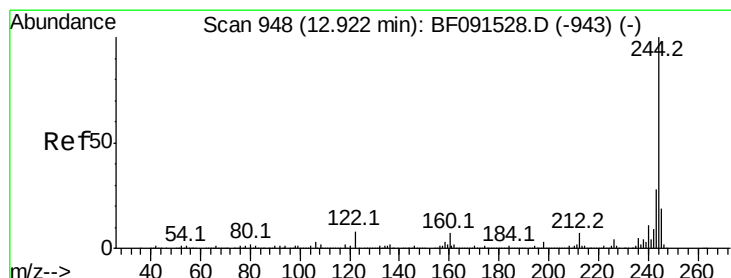
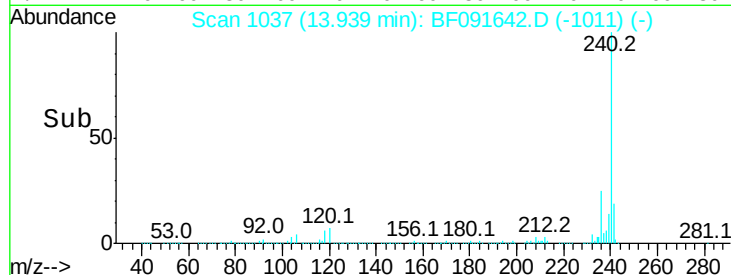
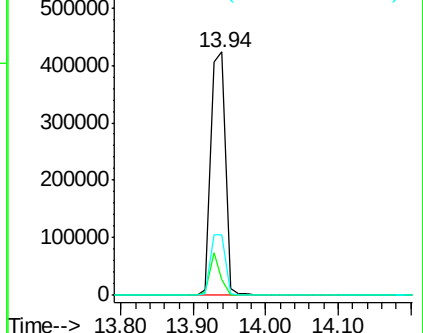
236 24.7 21.0 31.6



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: 82.35 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091642.D

Acq: 15 Dec 2016 21:37

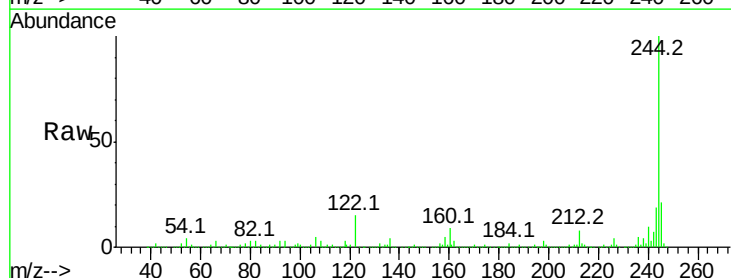
Tgt Ion:244 Resp: 2149509

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

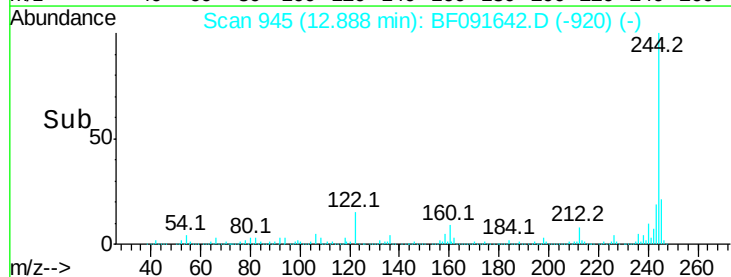
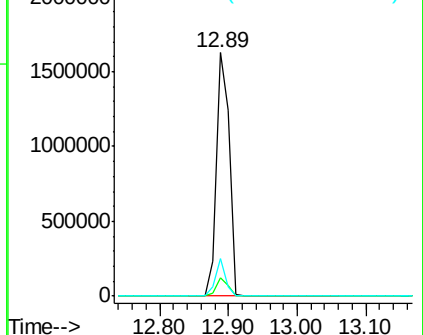
122 15.4 9.5 14.3#

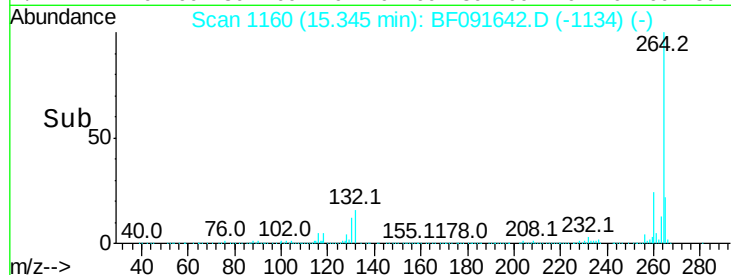
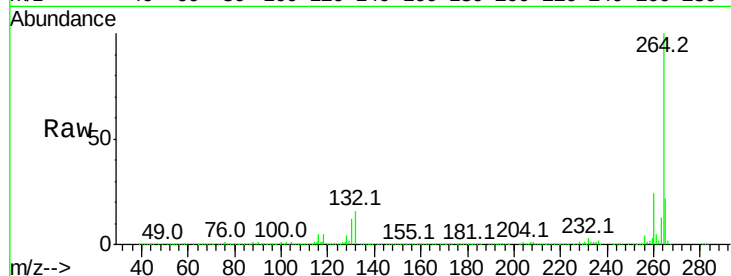
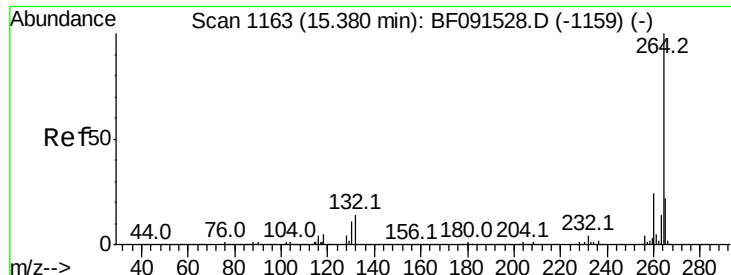


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091642.D
Acq: 15 Dec 2016 21:37

Instrument :
BNA_F
ClientSampleId :
IDW-WATER-02

Tot Ion:	264	Resp:	600895
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.7	17.0	25.6

