

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099031.D
 Acq On : 3 Oct 2017 15:04
 Operator : SJ/JU
 Sample : I5275-05
 Misc : LOD 8 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT4-2017

Quant Time: Oct 05 01:06:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

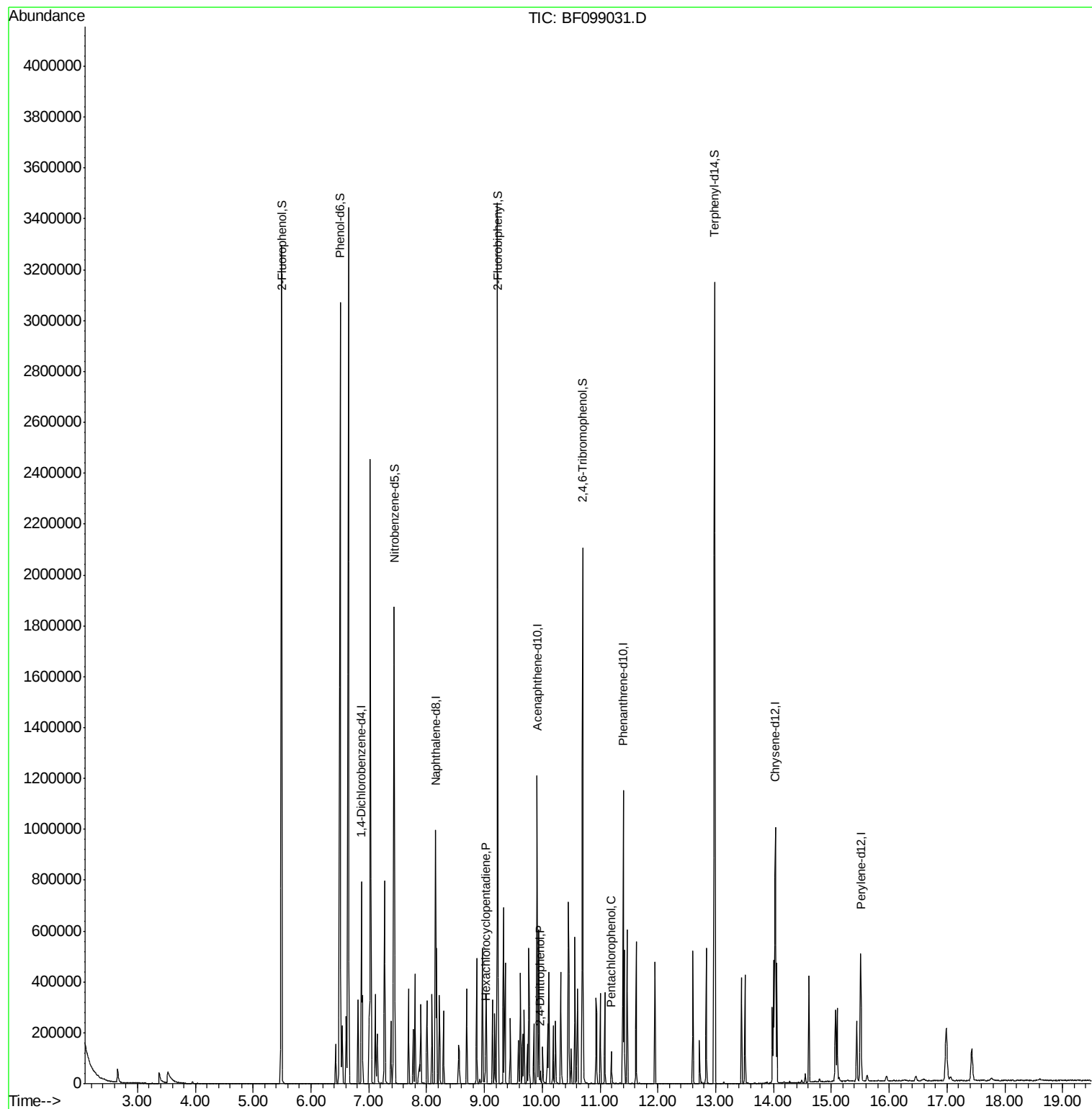
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	112714	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	476053	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	219989	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	386316	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	276433	20.00	ng	-0.05
86) Perylene-d12	15.51	264	221735	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1099663	155.31	ng	-0.05
7) Phenol-d6	6.50	99	1343233	153.78	ng	-0.04
23) Nitrobenzene-d5	7.44	82	664158	89.47	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	284174	157.87	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1205405	91.47	ng	-0.05
78) Terphenyl-d14	12.98	244	1006266	82.79	ng	-0.05
Target Compounds						
40) Hexachlorocyclopentadiene	9.02	237	10709	3.572	ng	94
53) 2,4-Dinitrophenol	9.96	184	6089	8.828	ng	93
69) Pentachlorophenol	11.20	266	13931	5.542	ng	97

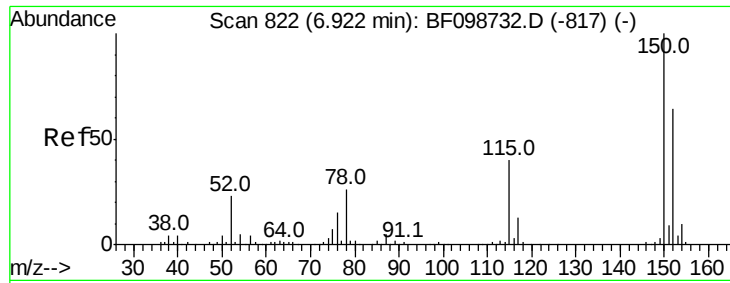
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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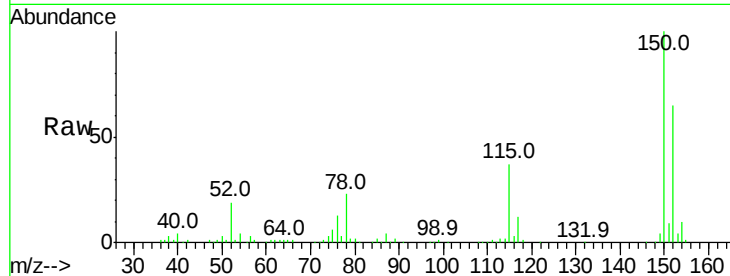


#1

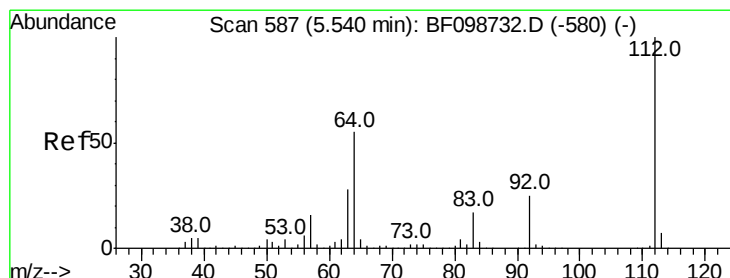
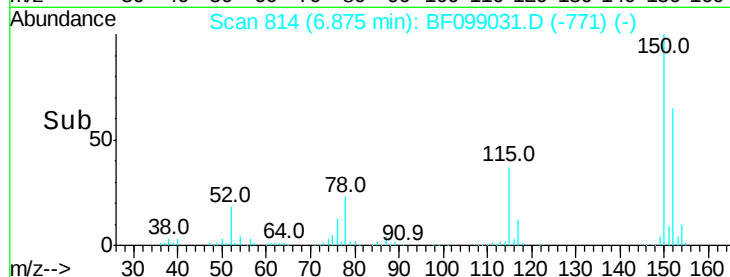
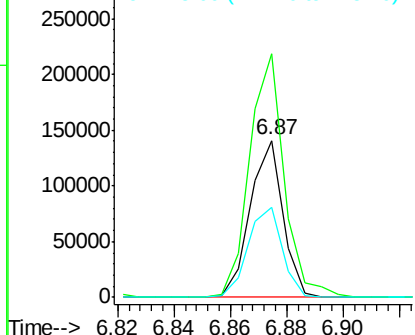
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT4-2017

Tot Ion:152 Resp: 112714
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 57.7 50.1 75.1



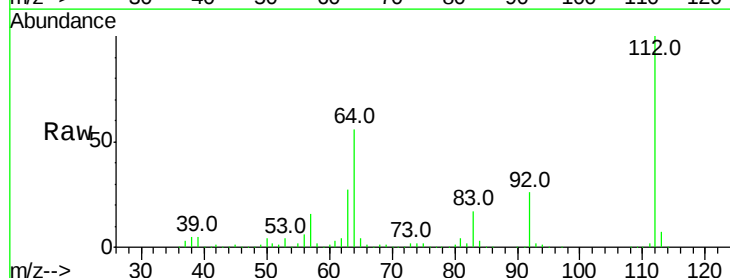
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



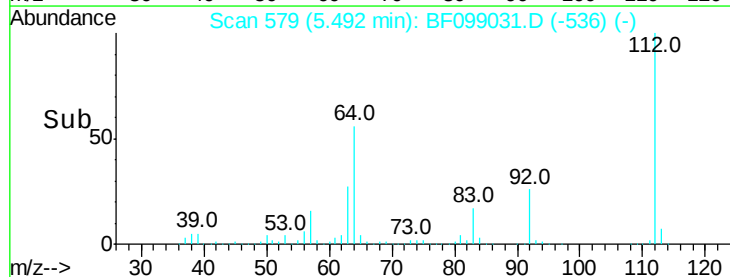
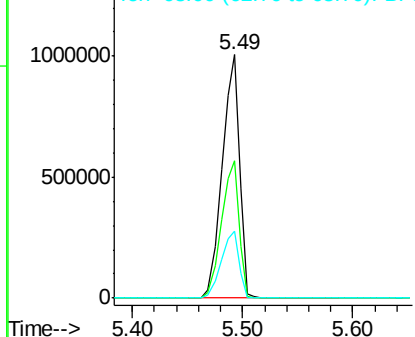
#5

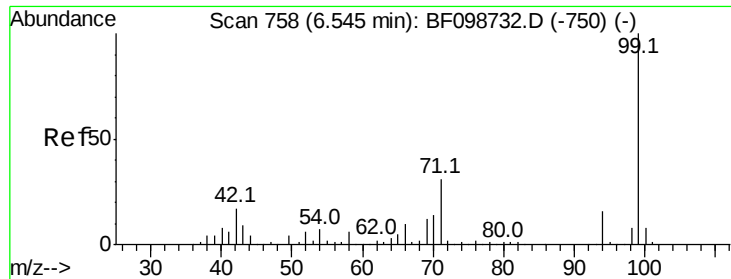
2-Fluorophenol
 Concen: 155.309 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.05 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:112 Resp: 1099663
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.9 71.9
 63 27.5 23.7 35.5



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: 153.784 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

LOD-WATER-05-QT4-2017

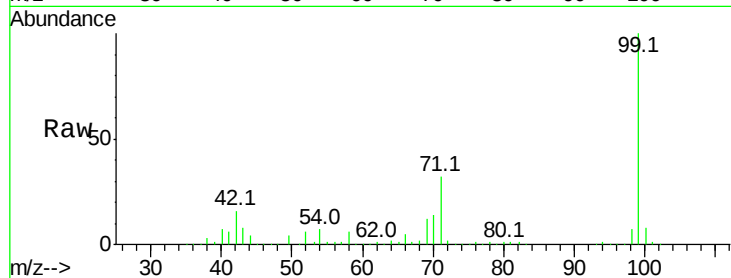
Tot Ion: 99 Resp: 1343233

Ion Ratio Lower Upper

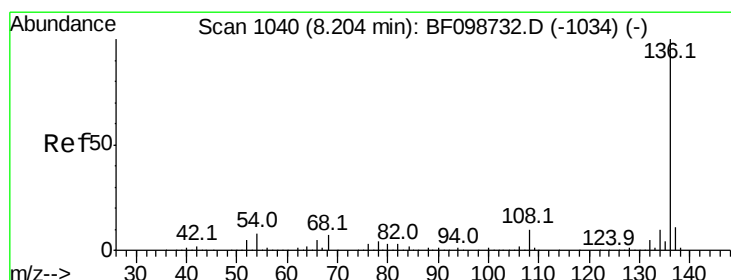
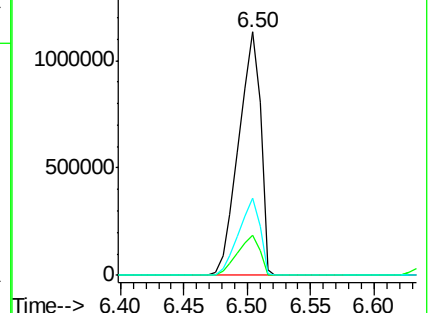
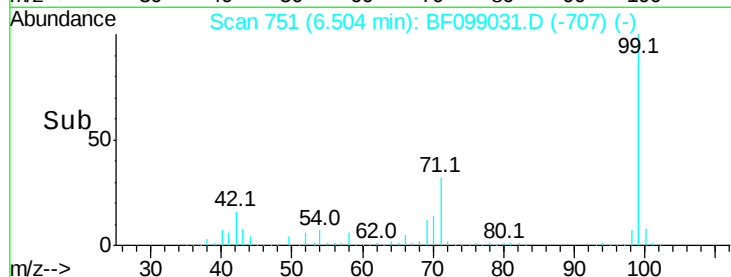
99 100

42 16.3 14.5 21.7

71 31.6 25.4 38.0



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: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

Tgt Ion: 136 Resp: 476053

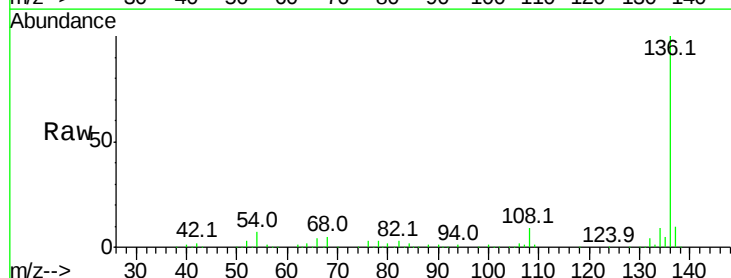
Ion Ratio Lower Upper

136 100

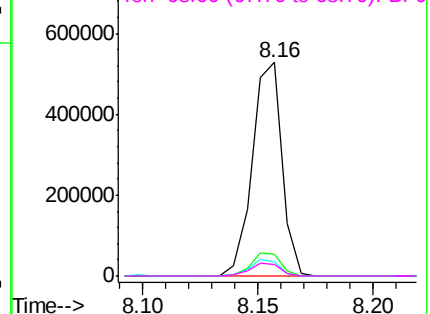
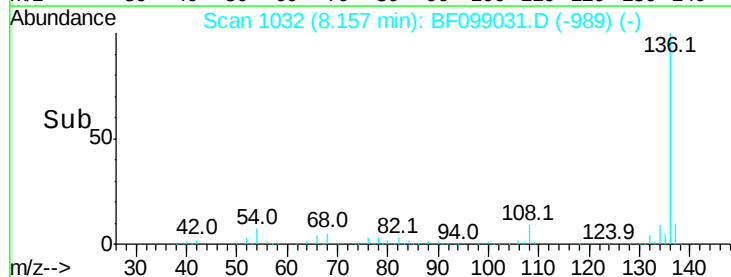
137 10.3 8.9 13.3

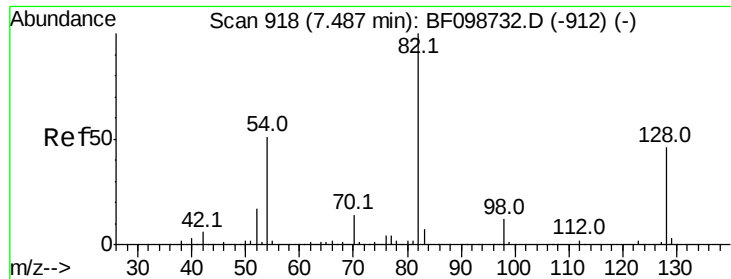
54 6.8 6.6 9.8

68 5.3 5.0 7.4



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

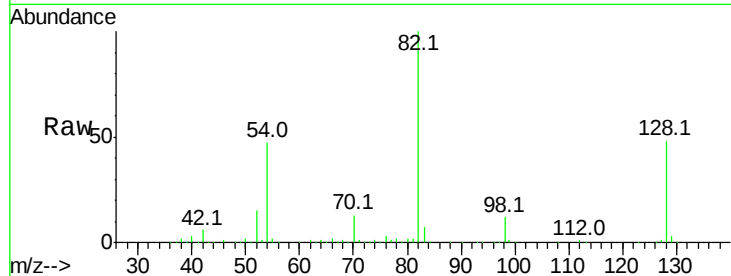




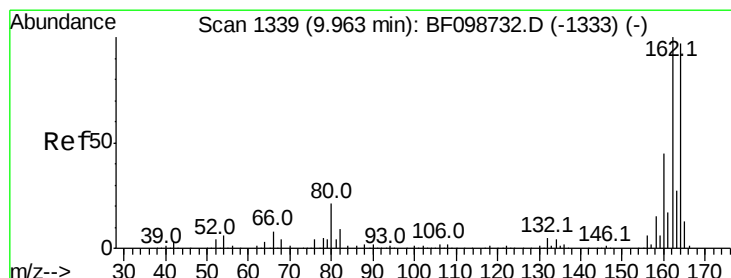
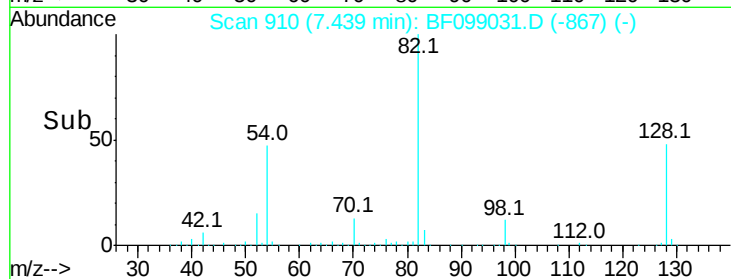
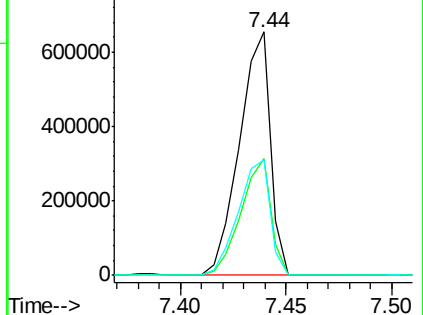
#23
Nitrobenzene-d5
Concen: 89.470 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.05 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT4-2017

Tot Ion: 82 Resp: 664158
Ion Ratio Lower Upper
82 100
128 48.1 36.1 54.1
54 47.3 41.4 62.2

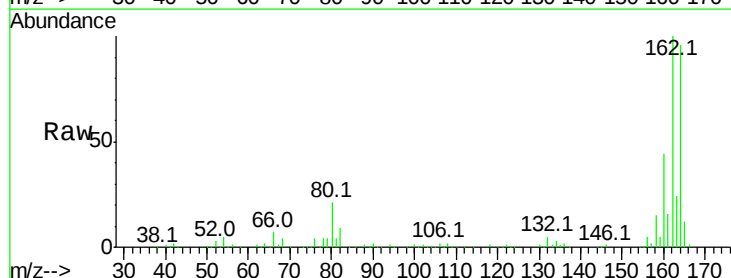


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

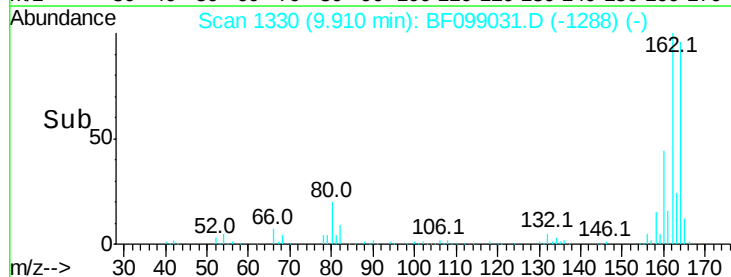
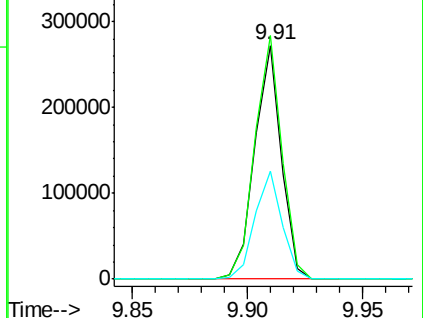


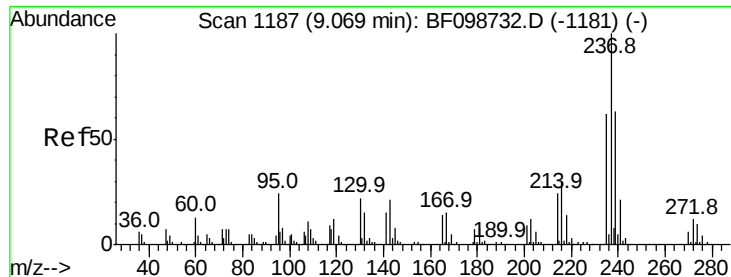
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.05 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:164 Resp: 219989
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 46.3 38.3 57.5



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

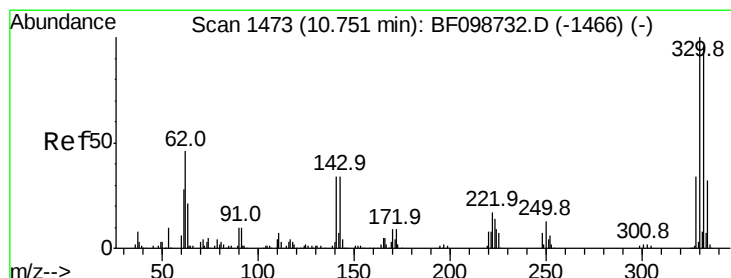
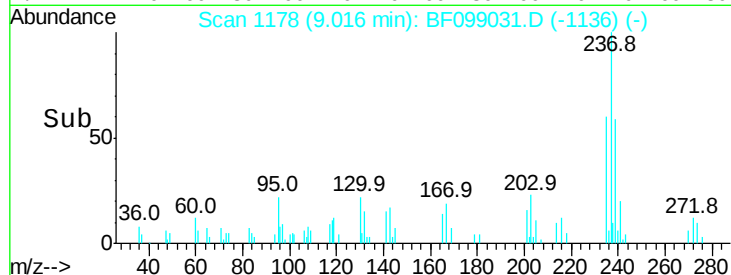
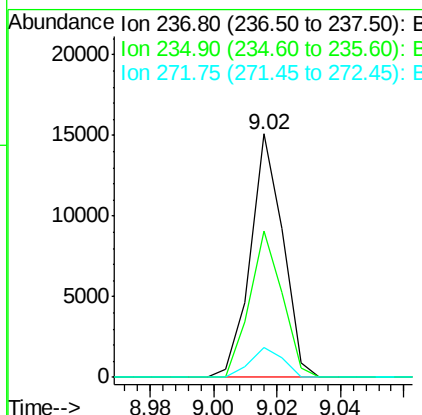
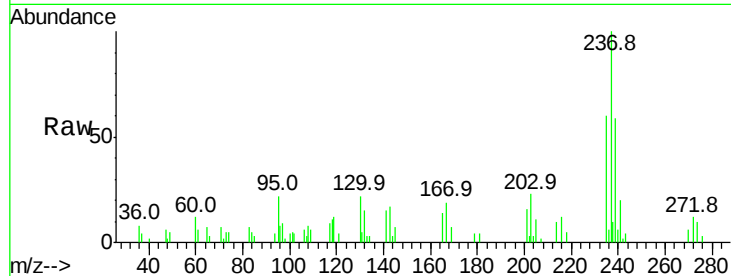




#40
Hexachlorocyclopentadiene
Concen: 3.572 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

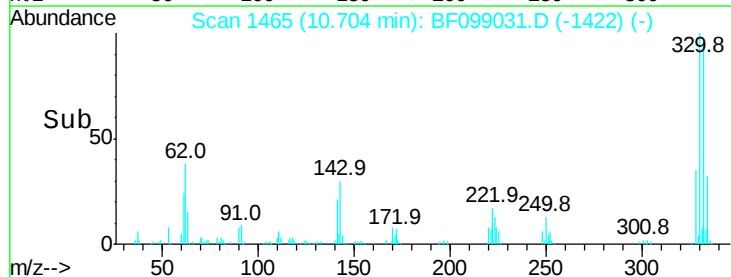
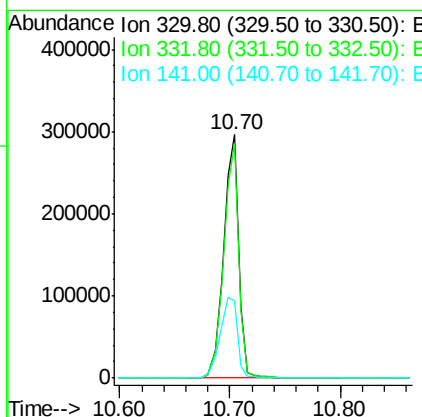
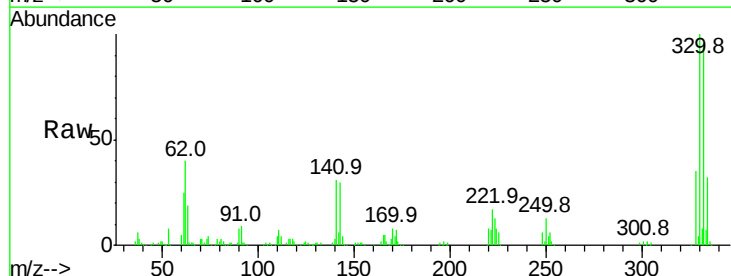
Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT4-2017

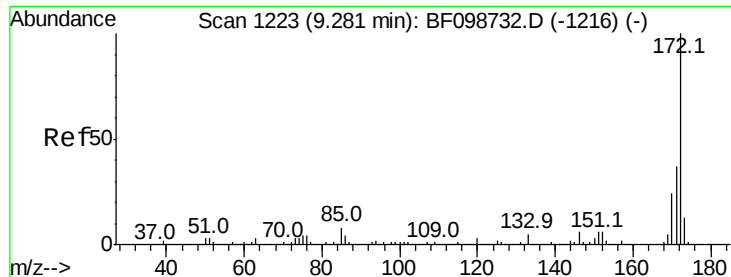
Tot Ion: 237 Resp: 10709
Ion Ratio Lower Upper
237 100
235 59.9 44.8 84.8
272 12.1 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 157.865 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.05 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion: 330 Resp: 284174
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 38.1 29.9 44.9



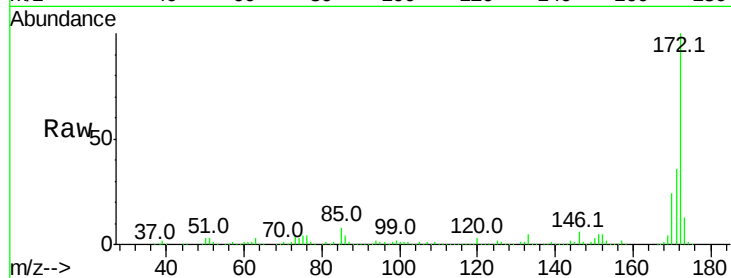


#44
 2-Fluorobiphenyl
 Concen: 91.474 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

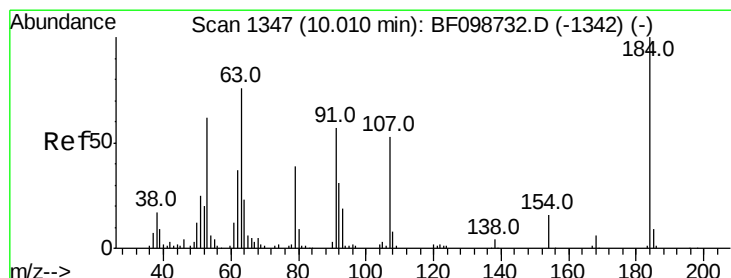
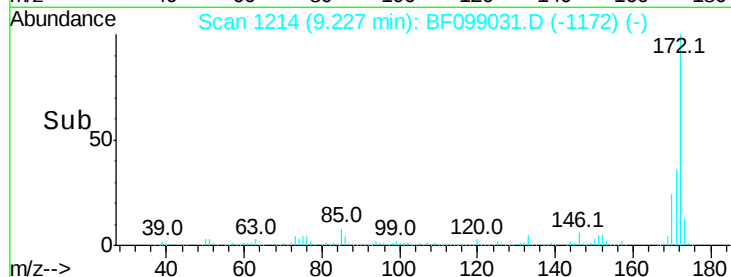
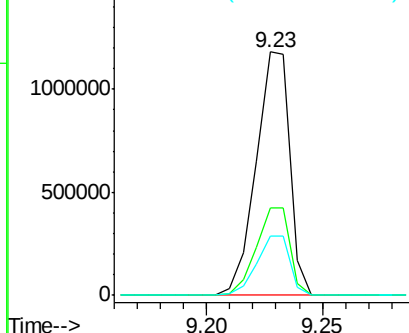
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT4-2017

Tot Ion:172 Resp: 1205405

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.2	19.6	29.4



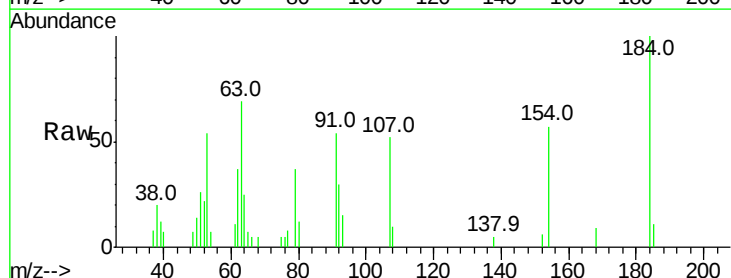
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



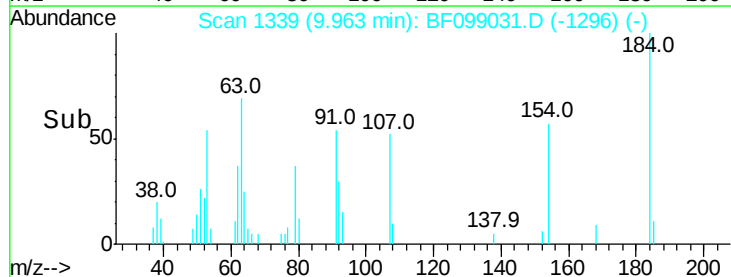
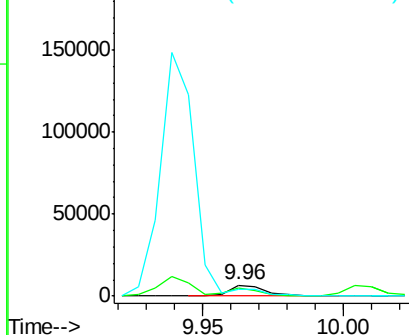
#53
 2,4-Dinitrophenol
 Concen: 8.828 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

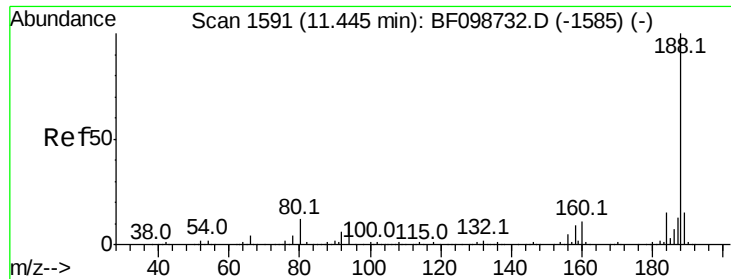
Tgt Ion:184 Resp: 6089

Ion	Ratio	Lower	Upper
184	100		
63	68.9	54.2	81.2
154	56.6	53.5	80.3



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

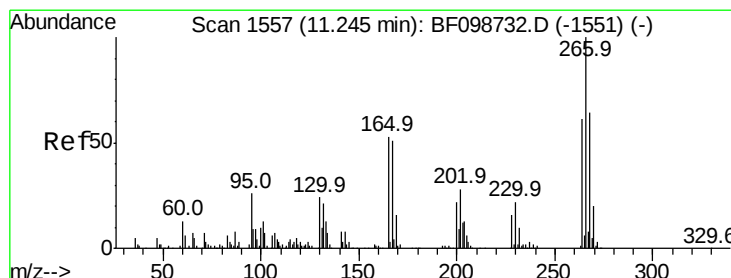
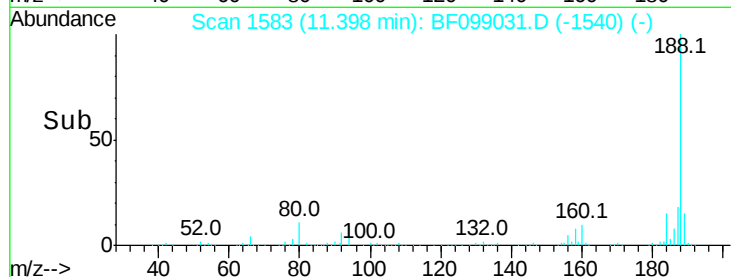
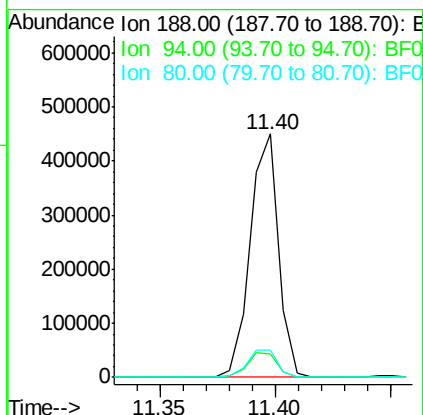
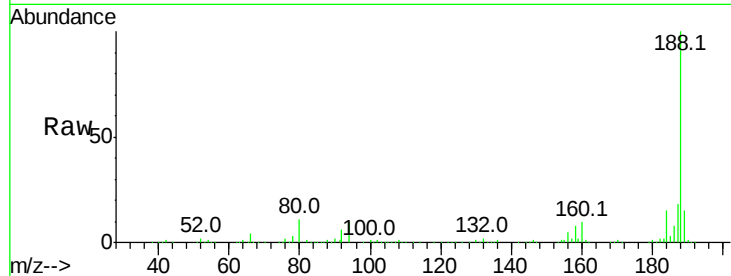




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

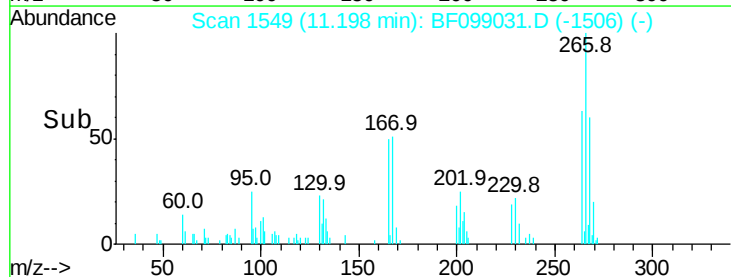
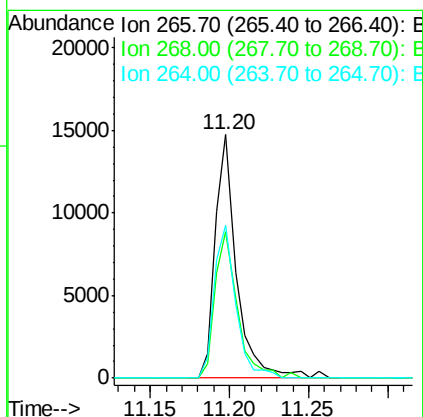
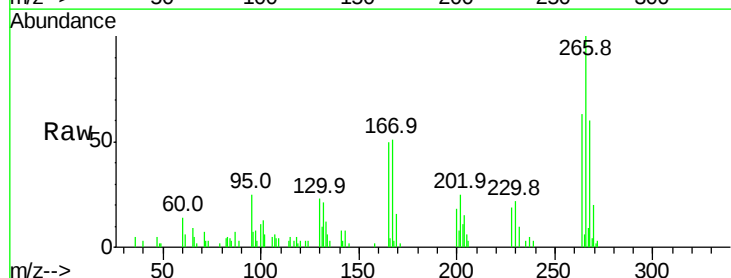
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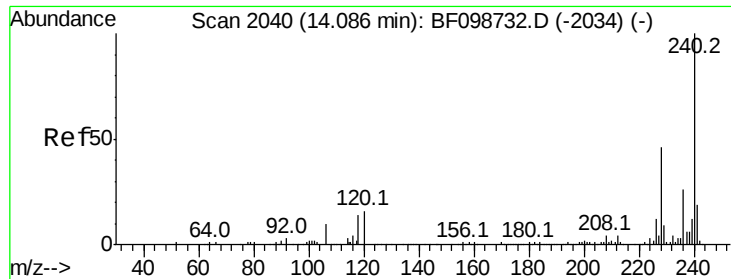
Tot Ion:188 Resp: 386316
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 11.1 9.2 13.8



#69
Pentachlorophenol
Concen: 5.542 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:266 Resp: 13931
Ion Ratio Lower Upper
266 100
268 60.1 51.1 76.7
264 62.8 49.5 74.3

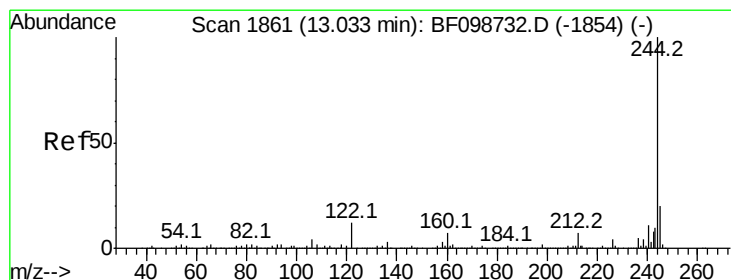
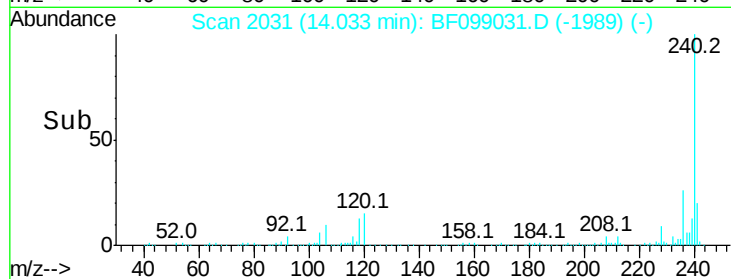
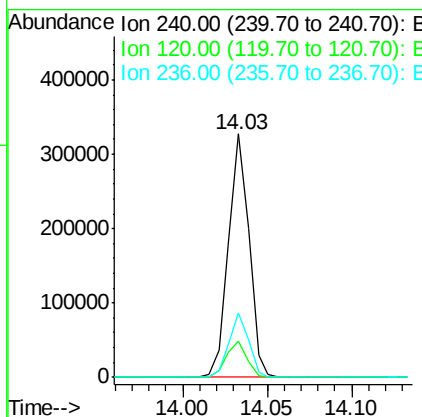
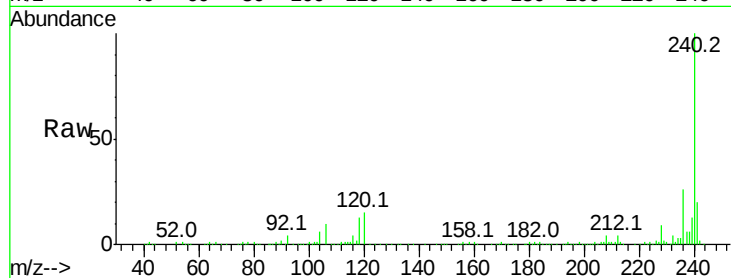




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.05 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

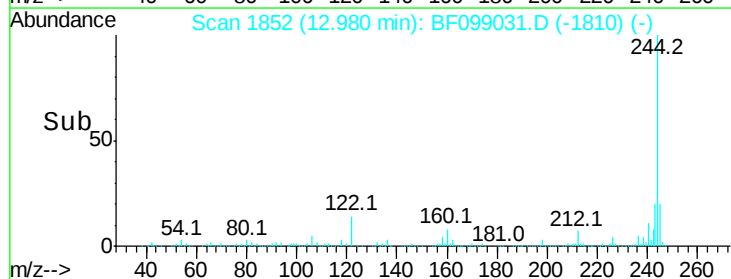
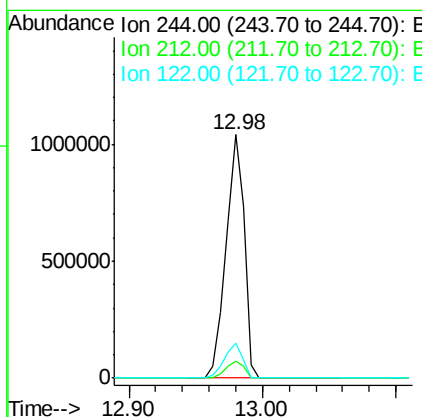
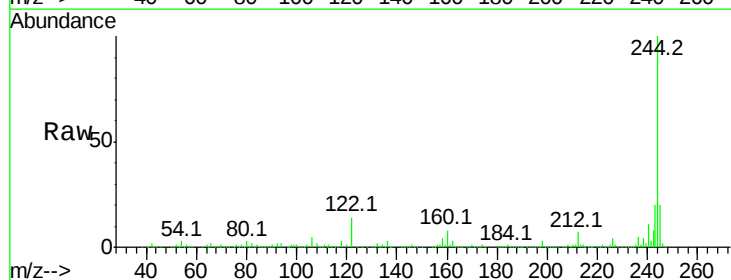
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT4-2017

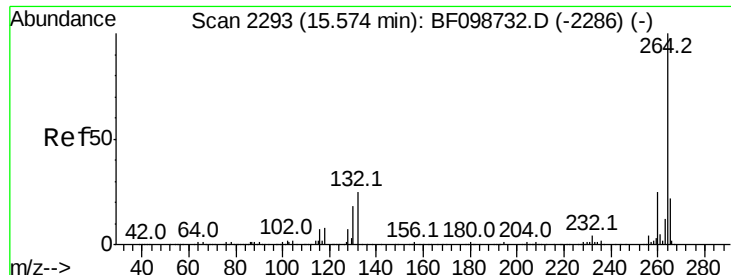
Tot Ion:240 Resp: 276433
 Ion Ratio Lower Upper
 240 100
 120 14.8 9.5 14.3#
 236 26.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 82.785 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.05 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:244 Resp: 1006266
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.3 11.0 16.4

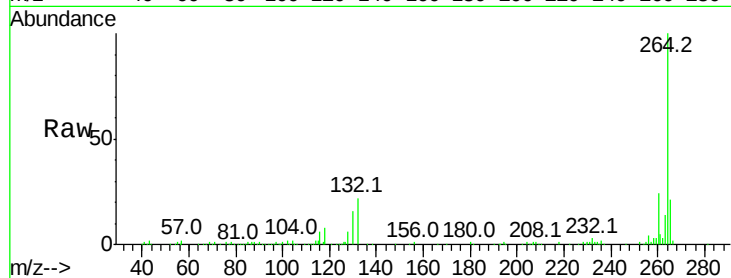




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT4-2017

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.5	26.3



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

