

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096735.D
 Acq On : 13 Jul 2017 18:44
 Operator : SJ/JU
 Sample : I3757-05
 Misc : 8PPM LOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Quant Time: Jul 14 17:23:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

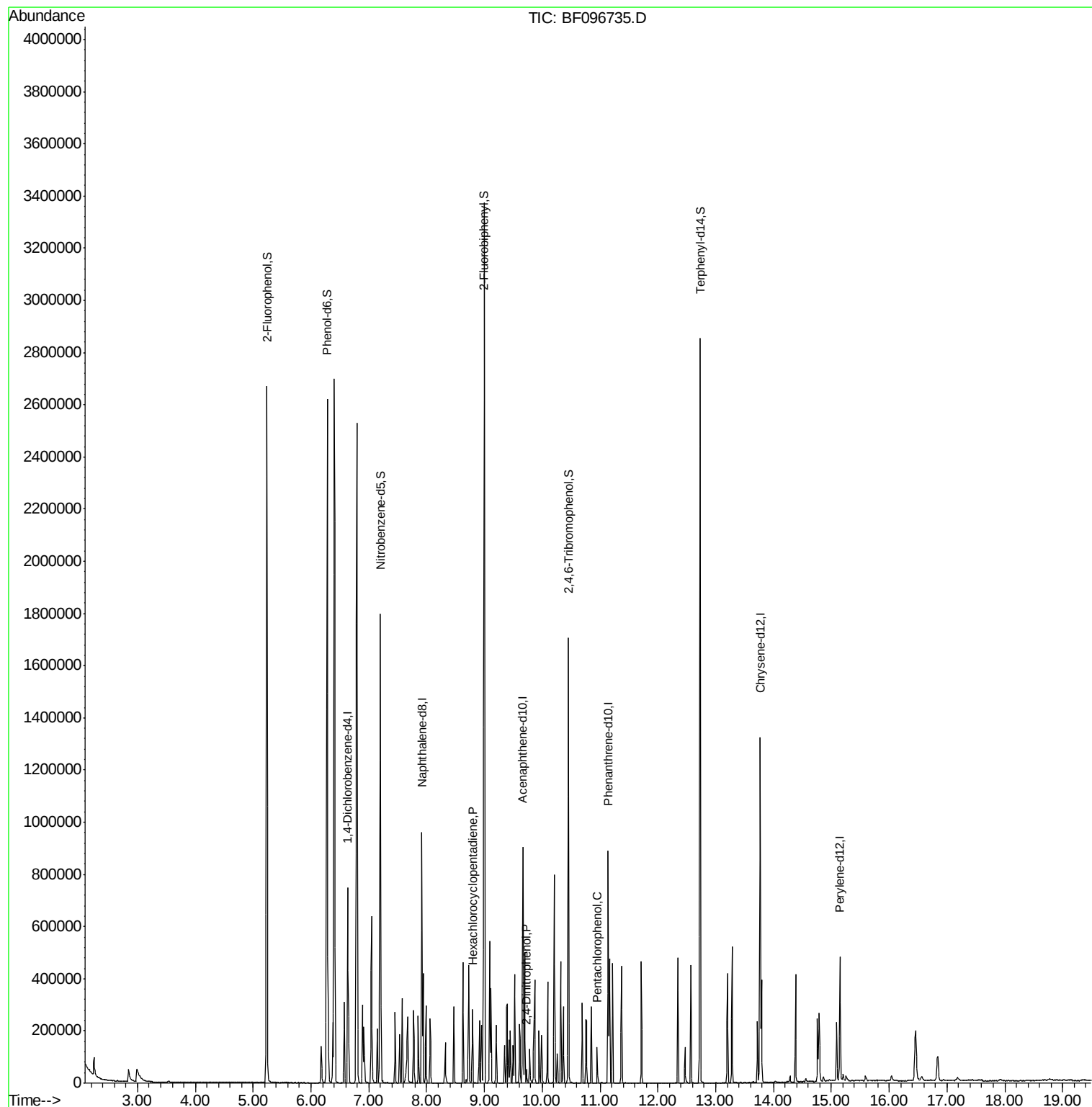
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	101553	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	423505	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	192714	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	326368	20.00	ng	0.00
75) Chrysene-d12	13.77	240	265649	20.00	ng	0.00
86) Perylene-d12	15.15	264	188031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	827409	122.51	ng	0.00
7) Phenol-d6	6.28	99	1004716	123.96	ng	0.00
23) Nitrobenzene-d5	7.20	82	657893	96.22	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	213788	129.96	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1130720	92.70	ng	0.00
78) Terphenyl-d14	12.73	244	1019646	66.57	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	8.79	237	9026	9.303	ng	99
53) 2,4-Dinitrophenol	9.73	184	6123	10.344	ng	# 79
69) Pentachlorophenol	10.95	266	14379	8.020	ng	95

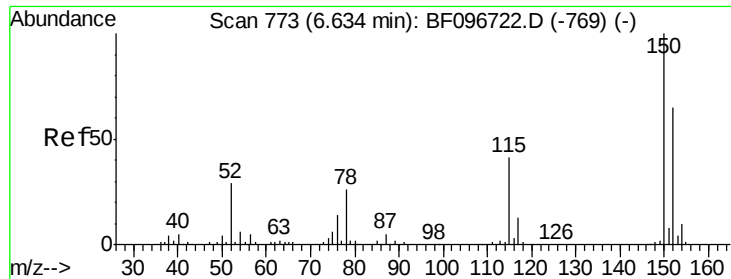
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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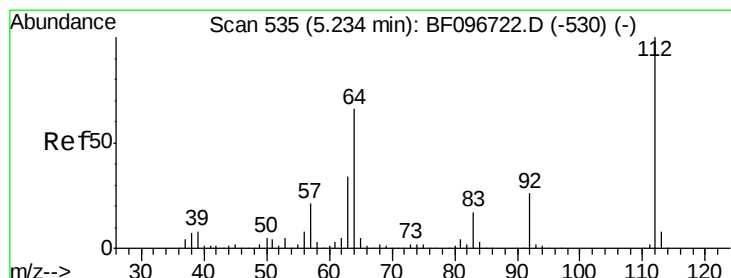
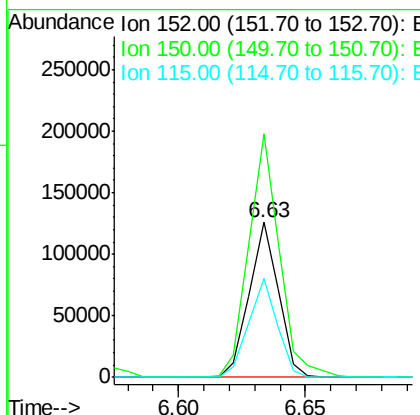
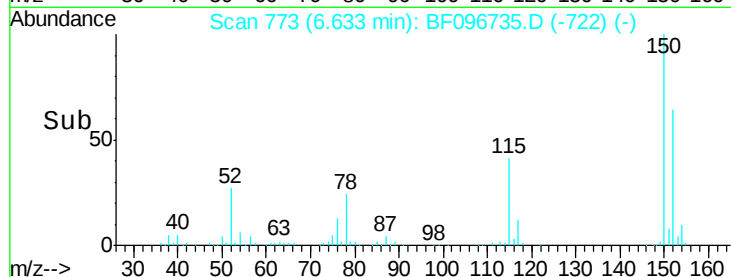
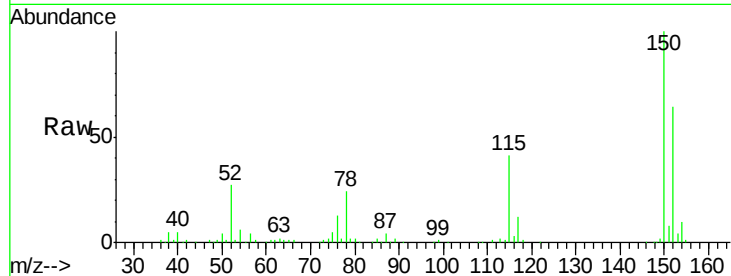




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF096735.D
 Acq: 13 Jul 2017 18:44

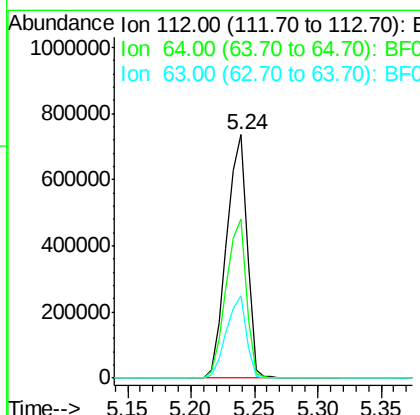
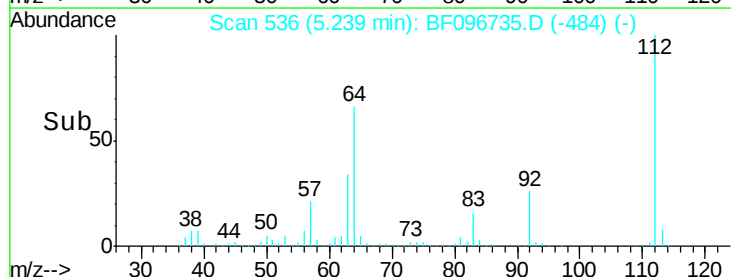
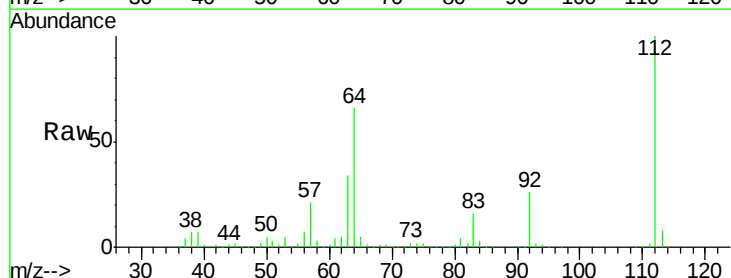
Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT3-2017

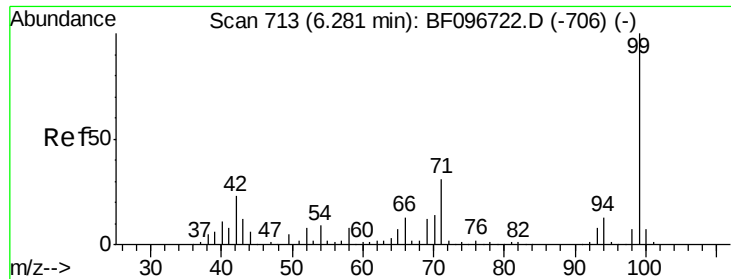
Tgt Ion:152 Resp: 101553
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.2 189.2
 115 63.9 52.2 78.2



#5
 2-Fluorophenol
 Concen: 122.505 ng
 RT: 5.24 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF096735.D
 Acq: 13 Jul 2017 18:44

Tgt Ion:112 Resp: 827409
 Ion Ratio Lower Upper
 112 100
 64 65.5 46.0 69.0
 63 33.6 23.4 35.0





#7

Phenol-d6

Concen: 123.961 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF096735.D

Acq: 13 Jul 2017 18:44

Instrument :

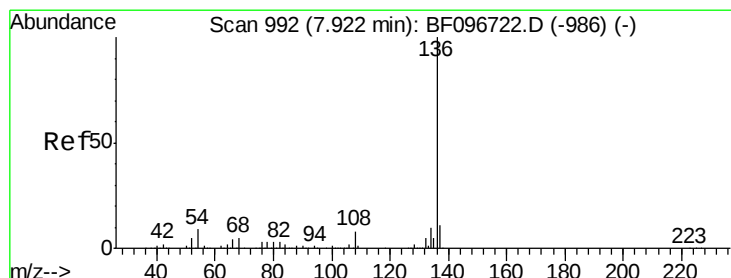
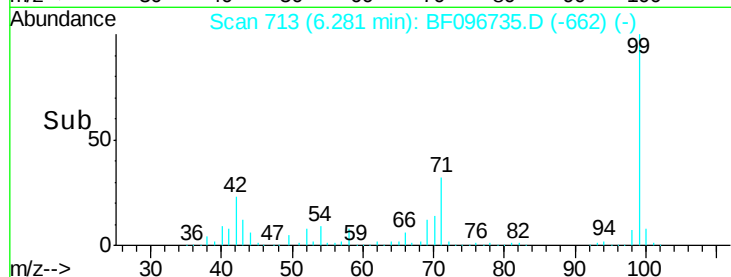
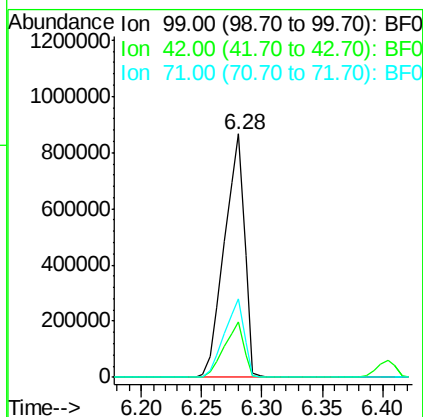
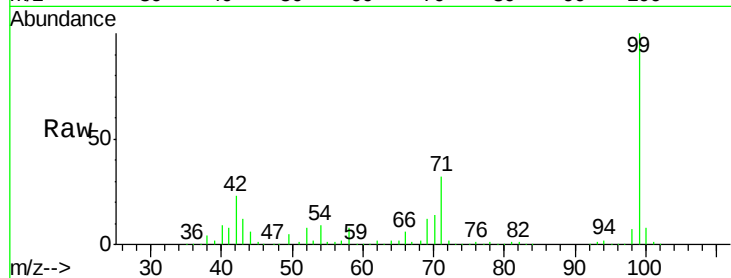
BNA_F

ClientSampleId :

LOD-WATER-05-QT3-2017

Tgt Ion: 99 Resp: 1004716

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	32.4	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 991

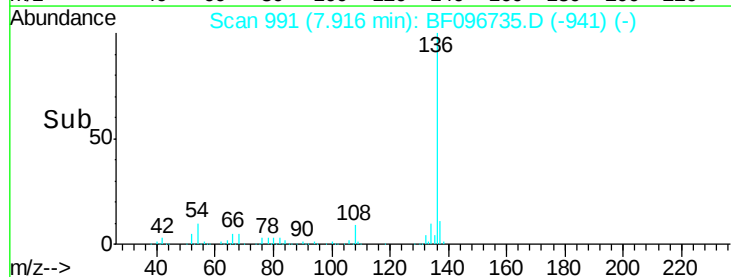
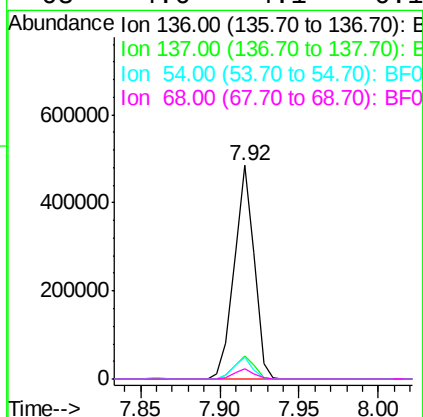
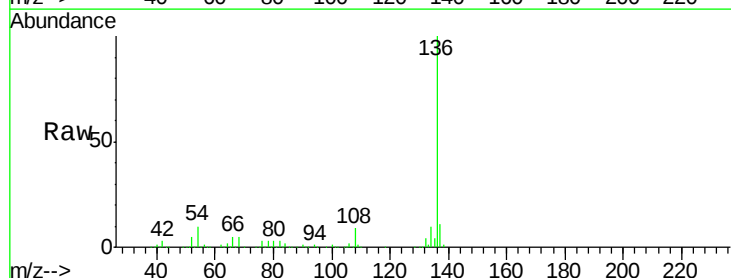
Delta R.T. -0.01 min

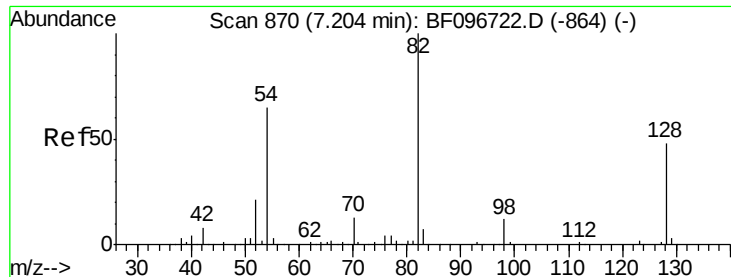
Lab File: BF096735.D

Acq: 13 Jul 2017 18:44

Tgt Ion: 136 Resp: 423505

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.0	4.9	7.3#
68	4.6	4.1	6.1

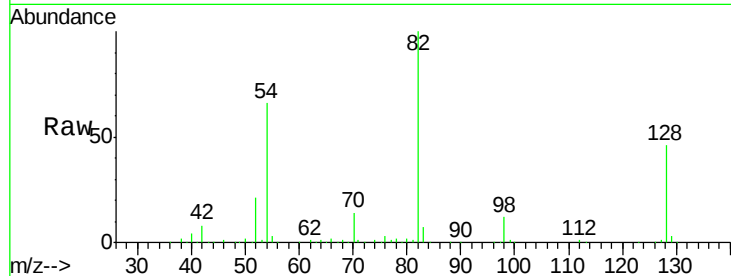




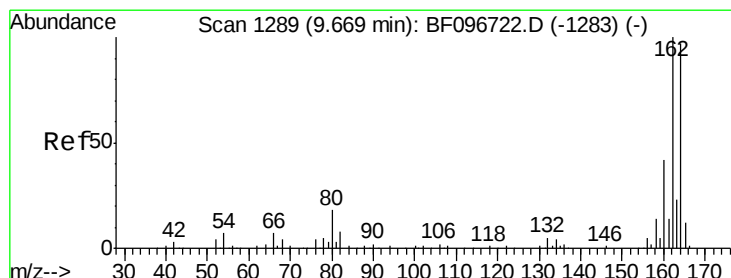
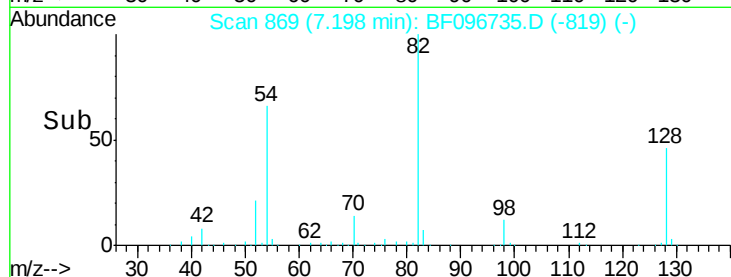
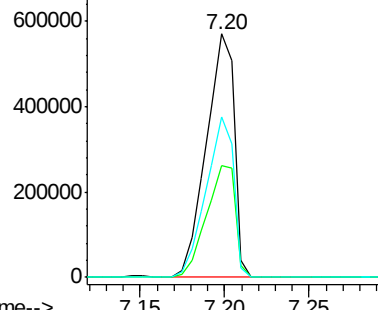
#23
 Nitrobenzene-d5
 Concen: 96.222 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF096735.D
 Acq: 13 Jul 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion: 82 Resp: 657893
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.0 51.0
 54 66.1 42.2 63.2#

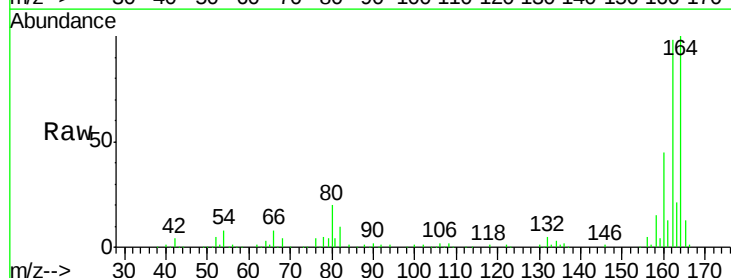


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

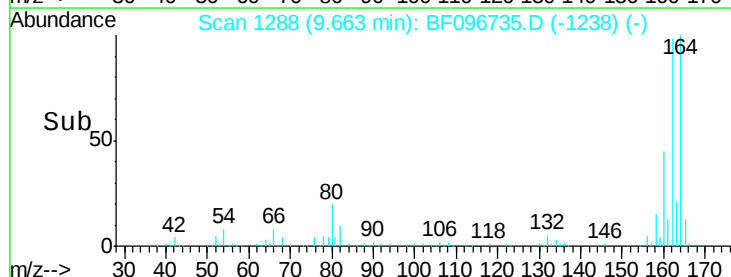
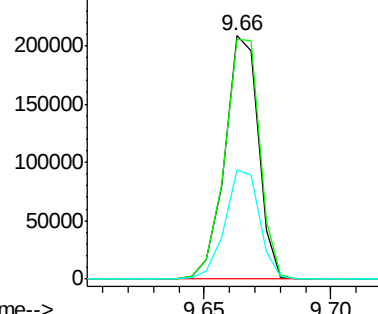


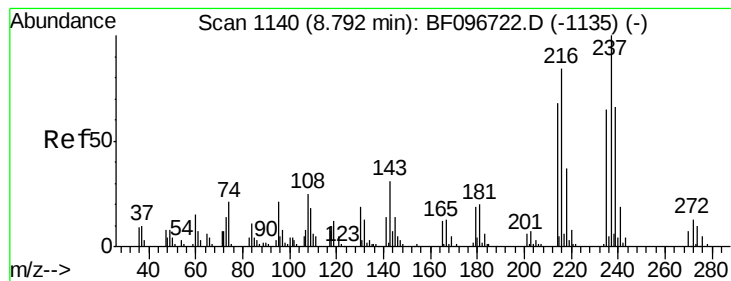
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF096735.D
 Acq: 13 Jul 2017 18:44

Tgt Ion: 164 Resp: 192714
 Ion Ratio Lower Upper
 164 100
 162 98.5 82.6 123.8
 160 45.0 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B





#40

Hexachlorocyclopentadiene

Concen: 9.303 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF096735.D

Acq: 13 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

LOD-WATER-05-QT3-2017

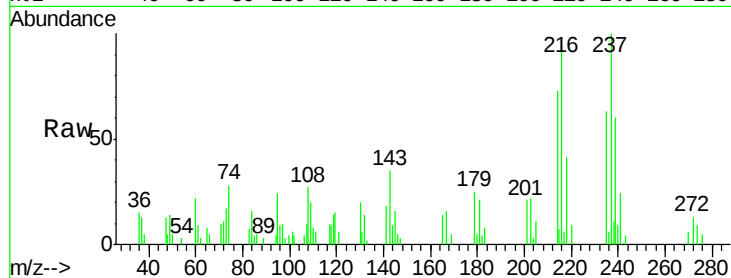
Tgt Ion: 237 Resp: 9026

Ion Ratio Lower Upper

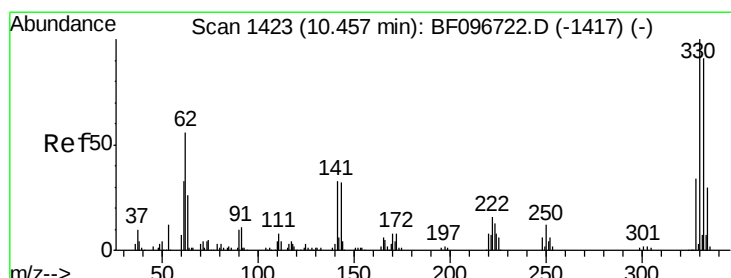
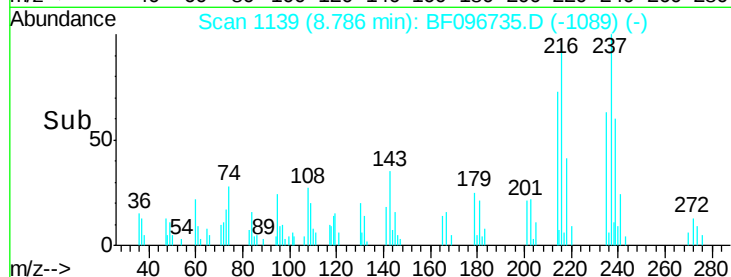
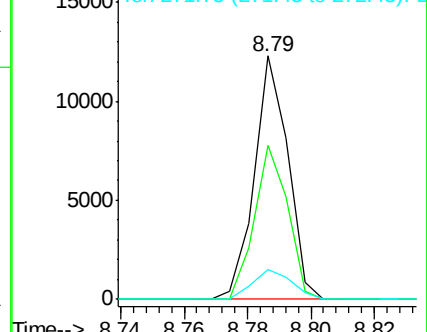
237 100

235 63.2 42.6 82.6

272 12.5 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 129.964 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF096735.D

Acq: 13 Jul 2017 18:44

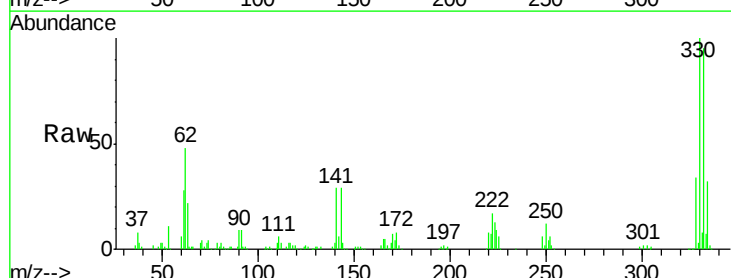
Tgt Ion: 330 Resp: 213788

Ion Ratio Lower Upper

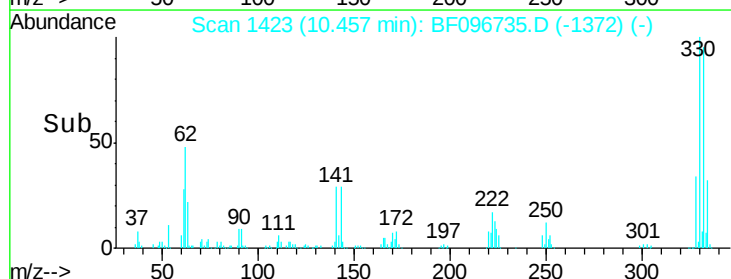
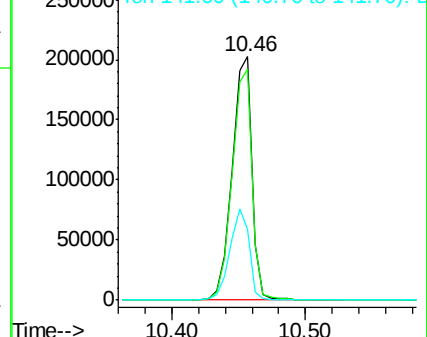
330 100

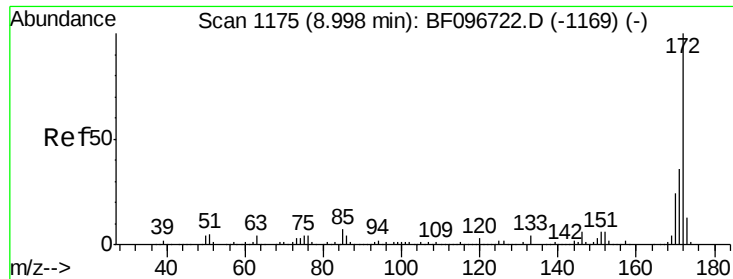
332 95.6 76.6 115.0

141 36.8 31.4 47.2



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

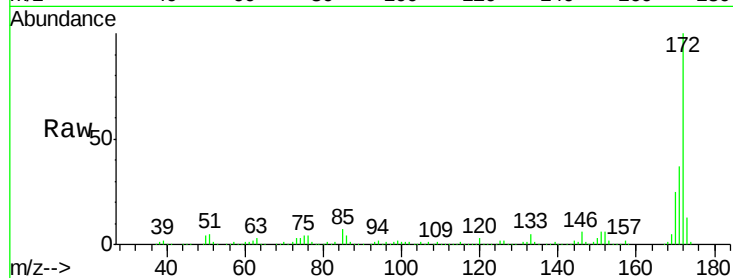




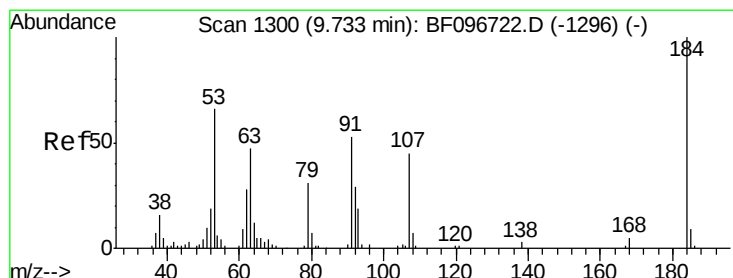
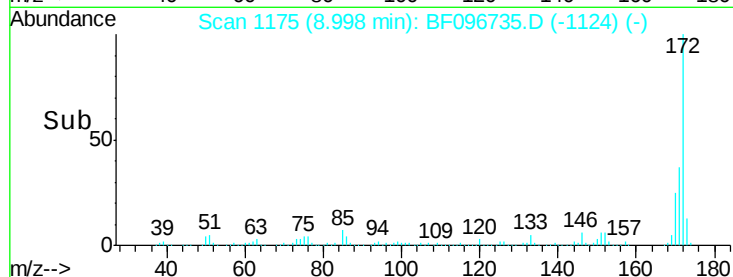
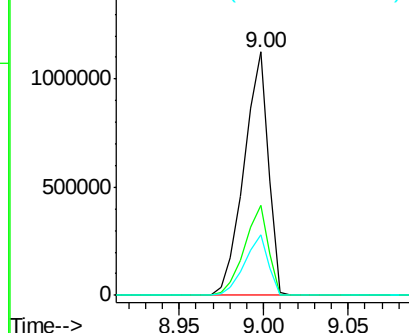
#44
 2-Fluorobiphenyl
 Concen: 92.699 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF096735.D
 Acq: 13 Jul 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion:172 Resp: 1130720
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.7 19.8 29.8

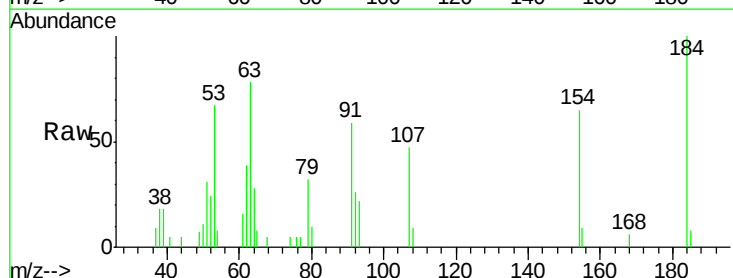


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

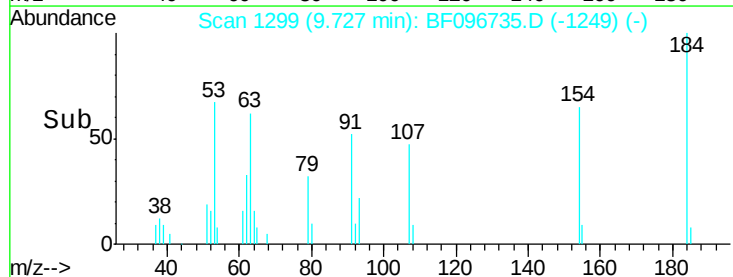
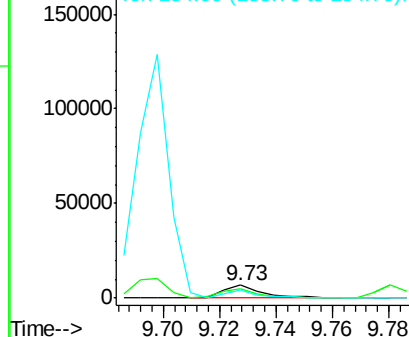


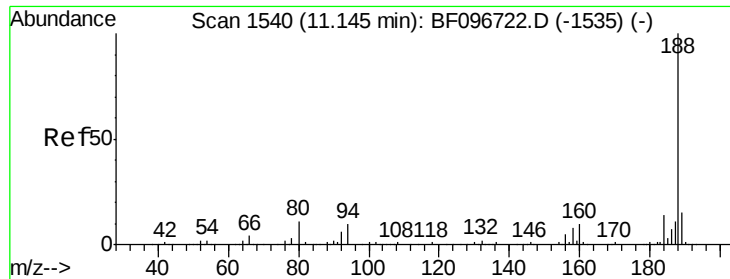
#53
 2,4-Dinitrophenol
 Concen: 10.344 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096735.D
 Acq: 13 Jul 2017 18:44

Tgt Ion:184 Resp: 6123
 Ion Ratio Lower Upper
 184 100
 63 77.8 62.7 94.1
 154 65.0 81.1 121.7#



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

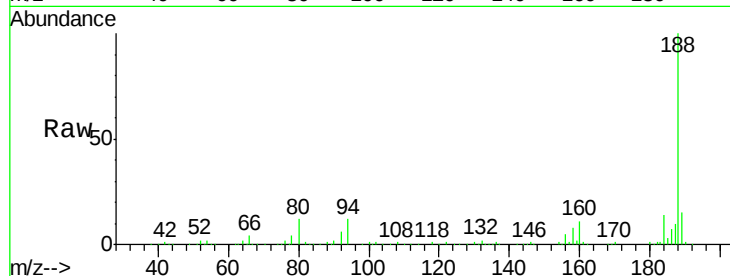




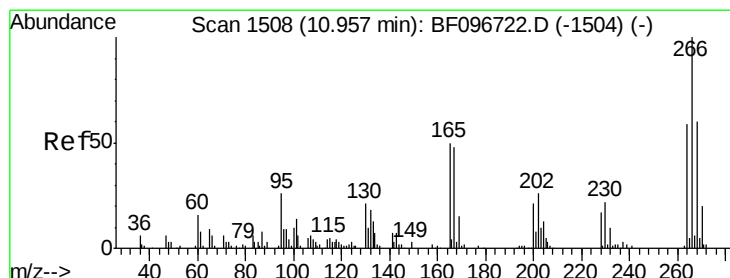
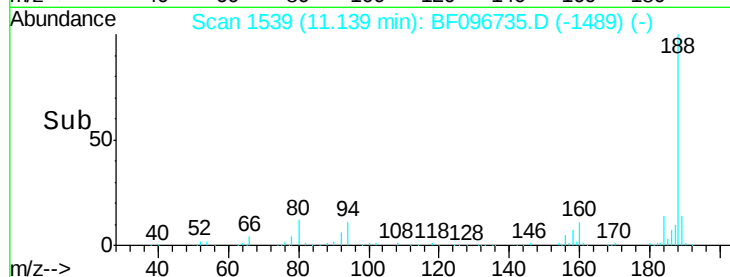
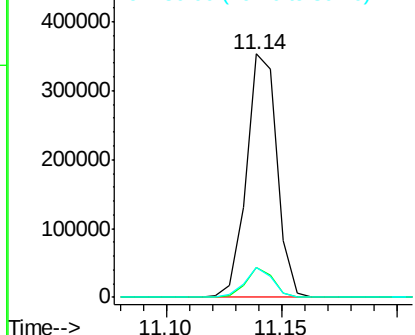
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF096735.D
Acq: 13 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion:188 Resp: 326368
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.3 10.2 15.2

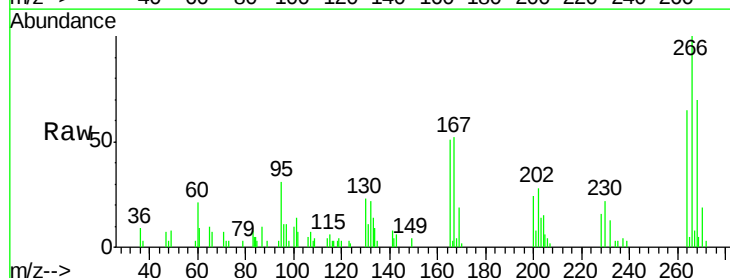


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

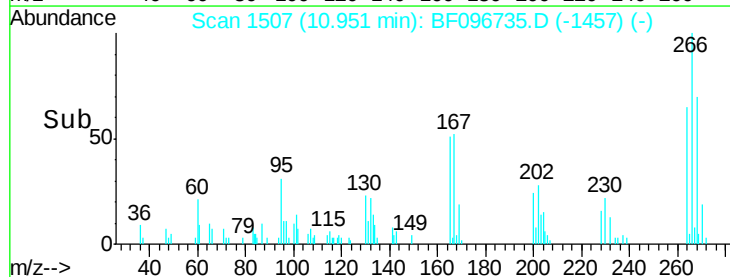
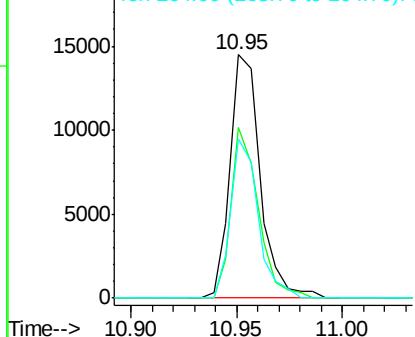


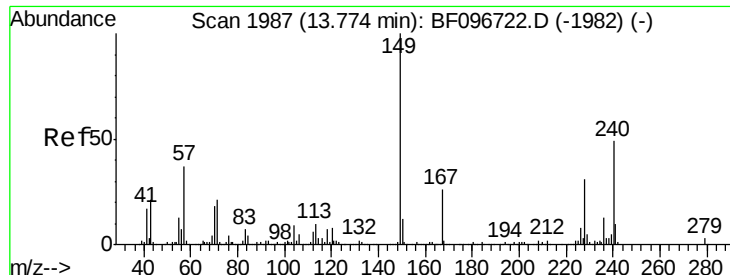
#69
Pentachlorophenol
Concen: 8.020 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF096735.D
Acq: 13 Jul 2017 18:44

Tgt Ion:266 Resp: 14379
Ion Ratio Lower Upper
266 100
268 70.1 51.1 76.7
264 65.4 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF096735.D

Acq: 13 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

LOD-WATER-05-QT3-2017

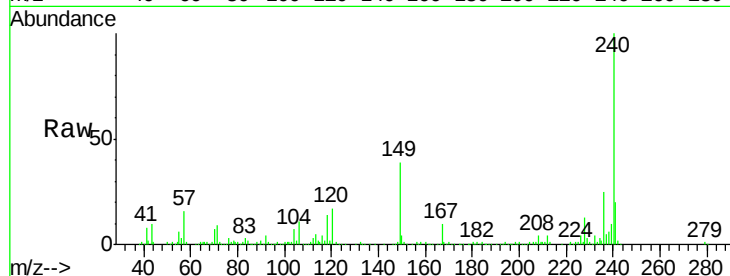
Tgt Ion:240 Resp: 265649

Ion Ratio Lower Upper

240 100

120 16.8 5.8 8.8#

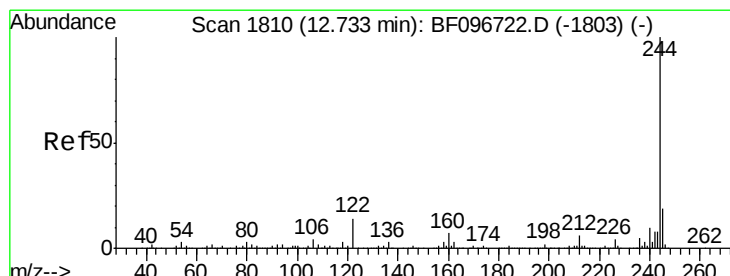
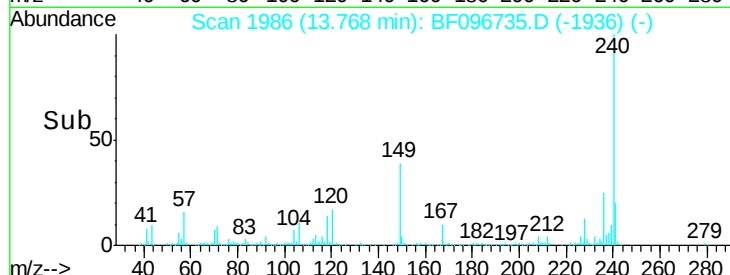
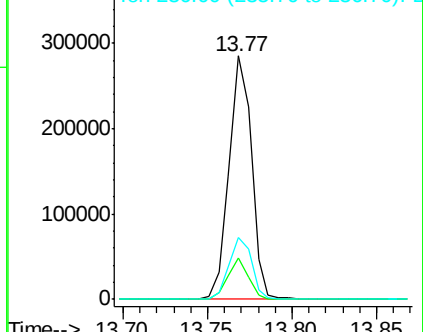
236 25.4 20.5 30.7



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: 66.567 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF096735.D

Acq: 13 Jul 2017 18:44

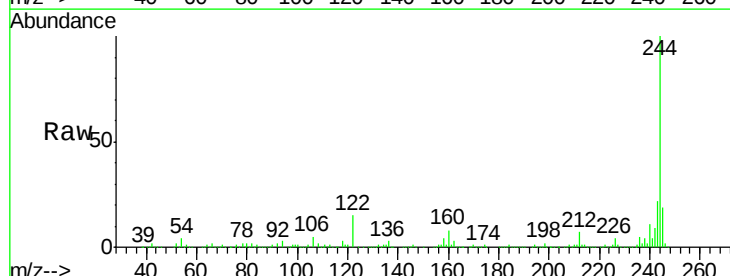
Tgt Ion:244 Resp: 1019646

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

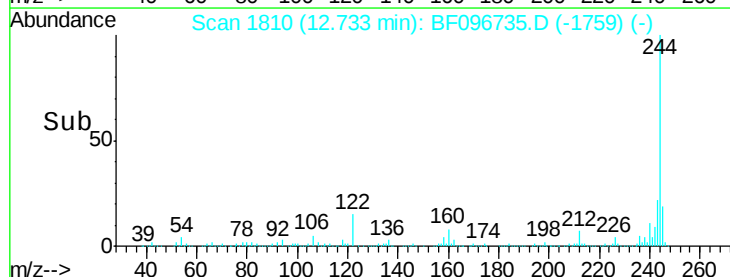
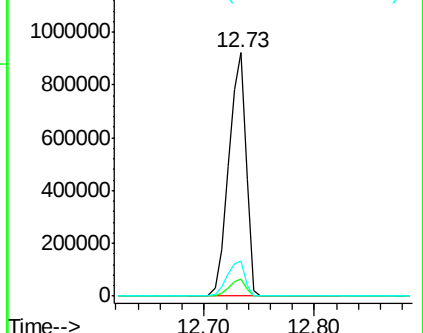
122 14.5 10.3 15.5

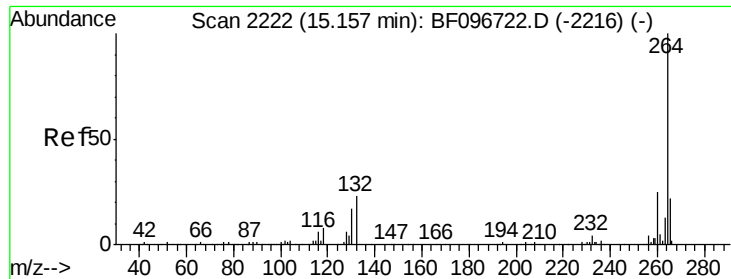


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF096735.D
Acq: 13 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion: 264 Resp: 188031
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 22.7 17.2 25.8

