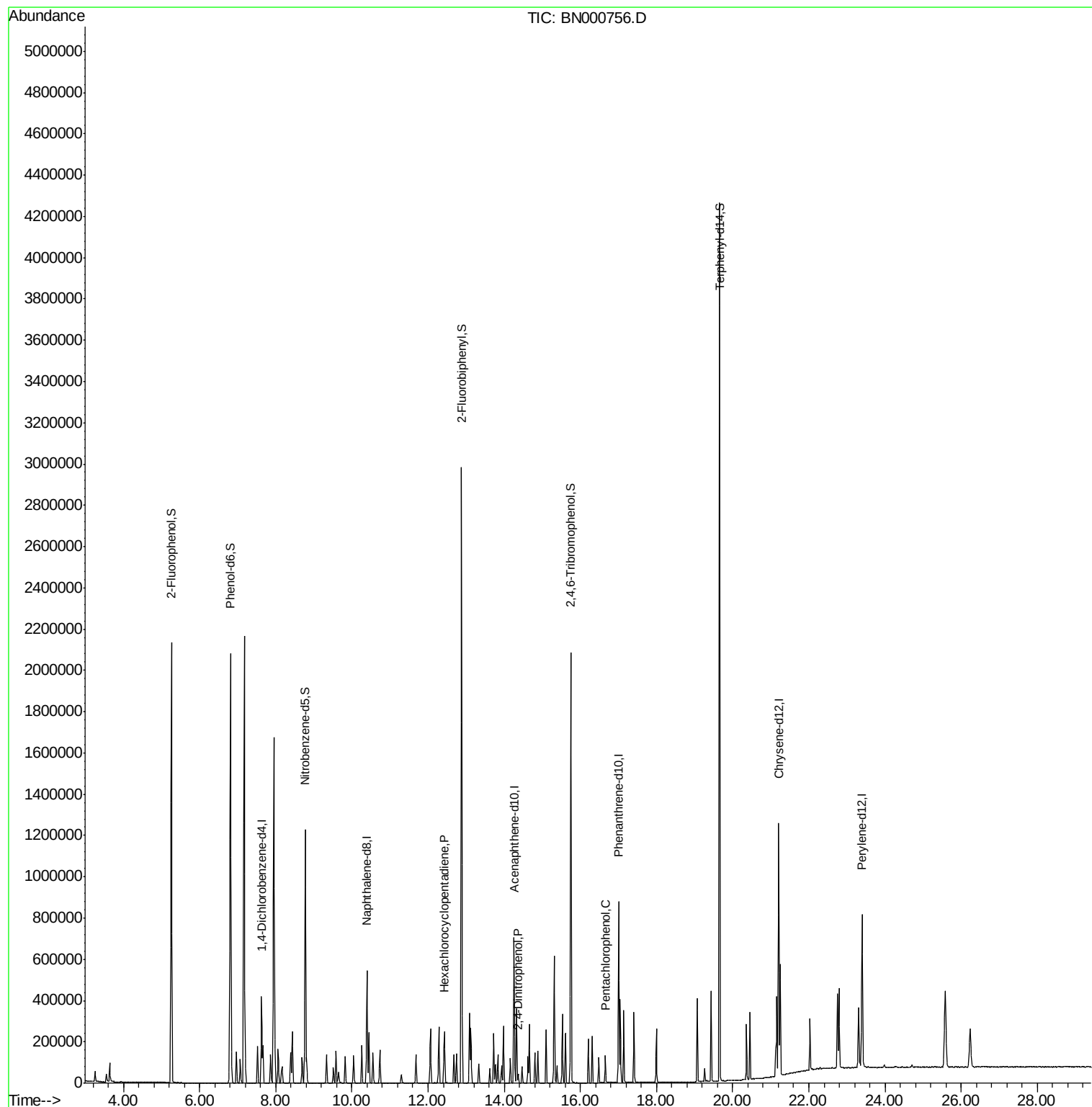
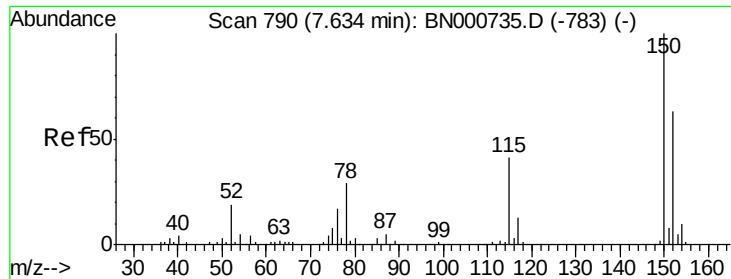


Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000756.D
Acq On : 19 Apr 2018 00:51
Operator : JU/SJ
Sample : J2133-07
Misc : 8PPM LOD
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Quant Time: Apr 19 07:16:23 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 16:58:01 2018
Response via : Initial Calibration



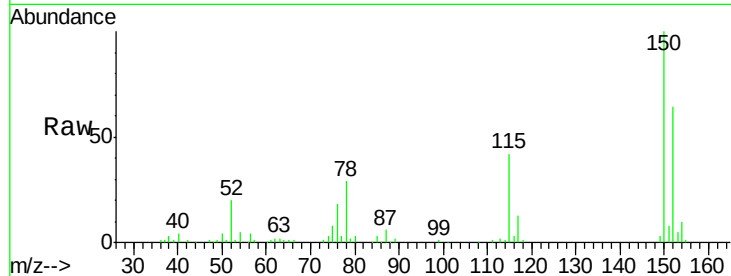


#1

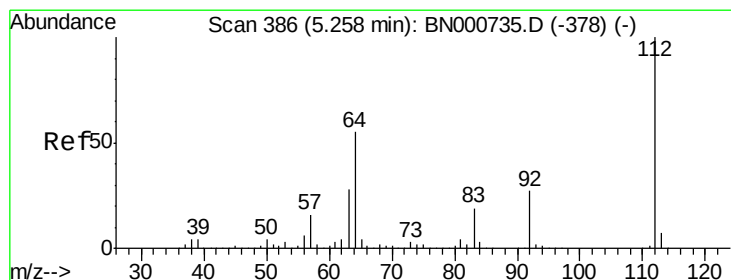
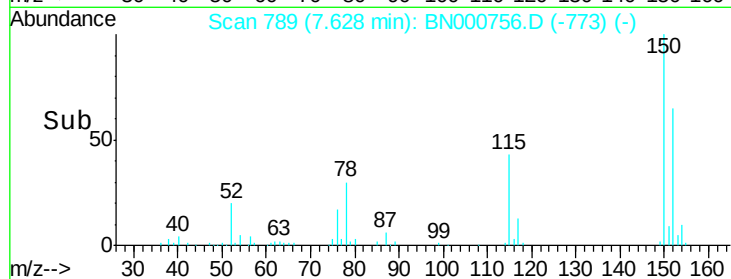
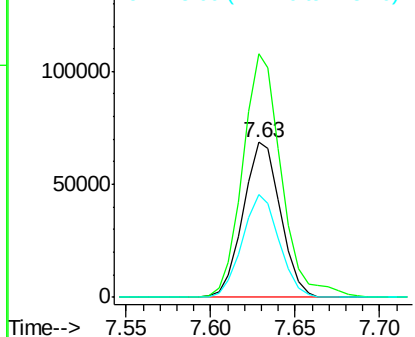
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BN000756.D
Acq: 19 Apr 2018 00:51

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tot Ion:152 Resp: 105106
Ion Ratio Lower Upper
152 100
150 156.9 126.6 189.8
115 65.9 53.0 79.4



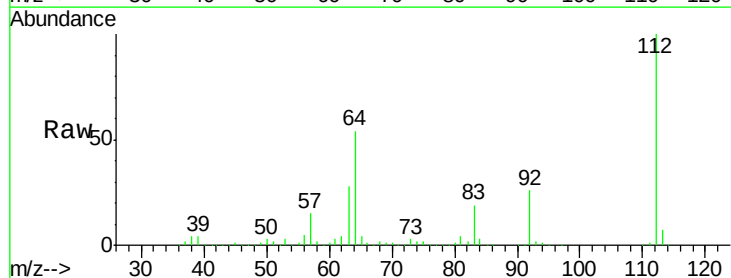
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



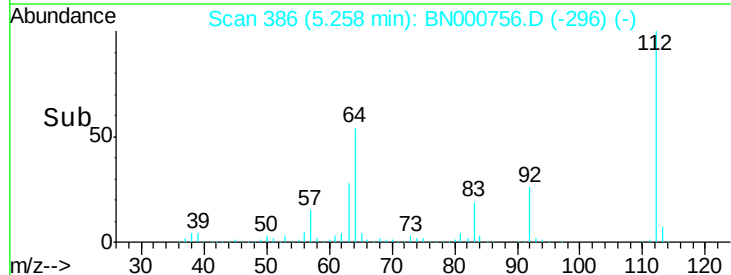
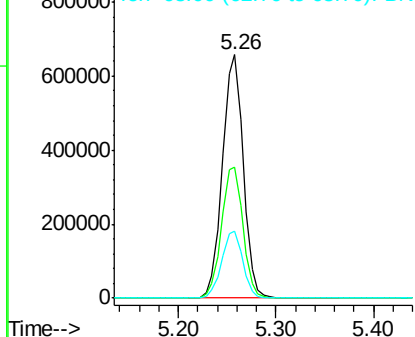
#5

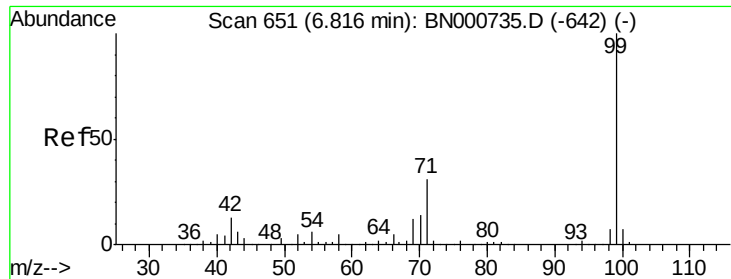
2-Fluorophenol
Concen: 137.349 ng
RT: 5.26 min Scan# 386
Delta R.T. -0.00 min
Lab File: BN000756.D
Acq: 19 Apr 2018 00:51

Tgt Ion:112 Resp: 971815
Ion Ratio Lower Upper
112 100
64 53.7 56.3 84.5#
63 27.6 30.1 45.1#



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





#7

Phenol-d6

Concen: 131.680 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BN000756.D

Acq: 19 Apr 2018 00:51

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

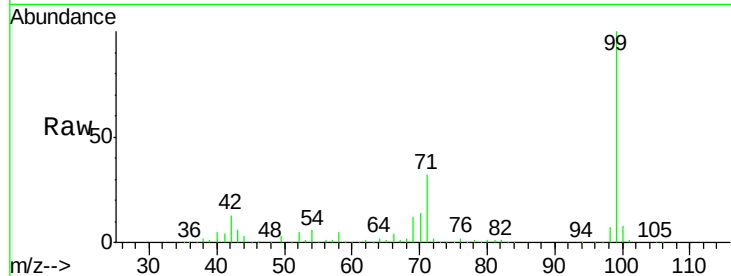
Tot Ion: 99 Resp: 1269671

Ion Ratio Lower Upper

99 100

42 12.9 14.1 21.1#

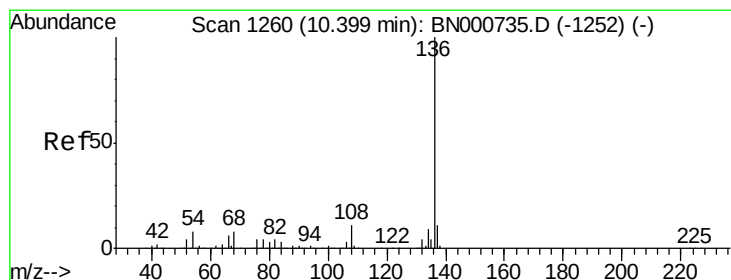
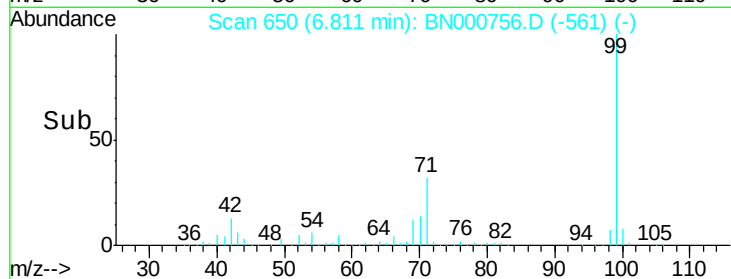
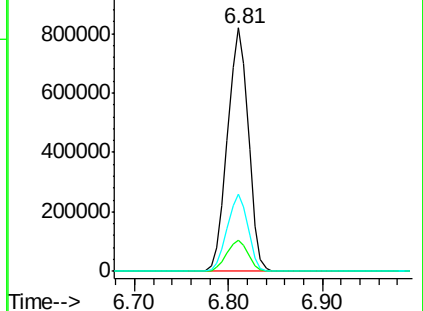
71 31.9 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN000735.D (-642) (-)

Ion 42.00 (41.70 to 42.70): BN000735.D (-642) (-)

Ion 71.00 (70.70 to 71.70): BN000735.D (-642) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN000756.D

Acq: 19 Apr 2018 00:51

Tgt Ion: 136 Resp: 439056

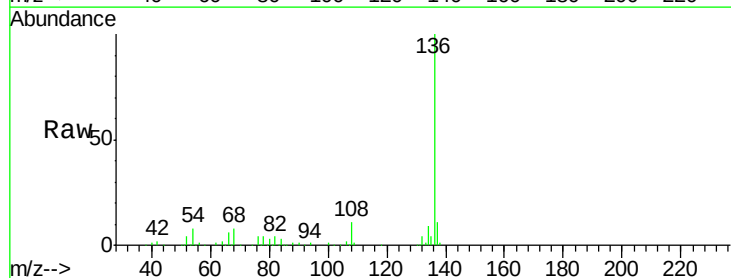
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.5 10.3 15.5#

68 7.7 4.5 6.7#

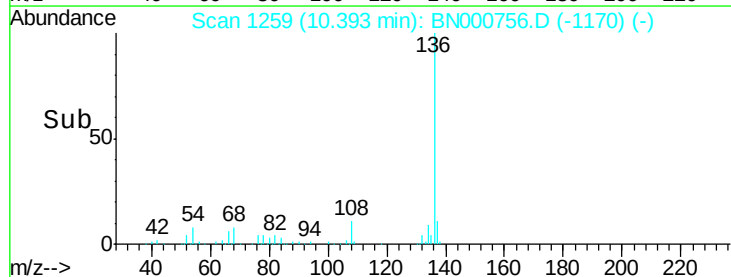
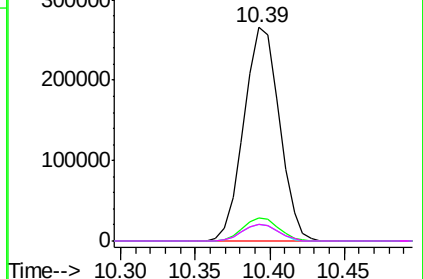


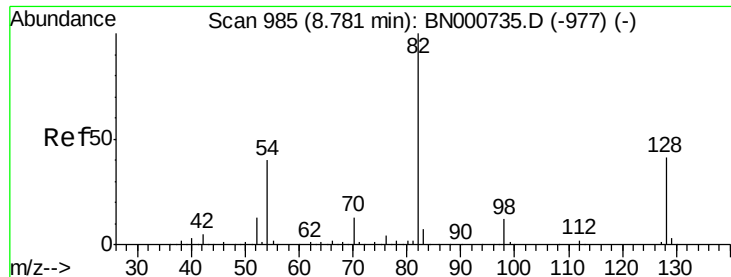
Abundance Ion 136.00 (135.70 to 136.70): BN000735.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BN000735.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BN000735.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BN000735.D (-1252) (-)

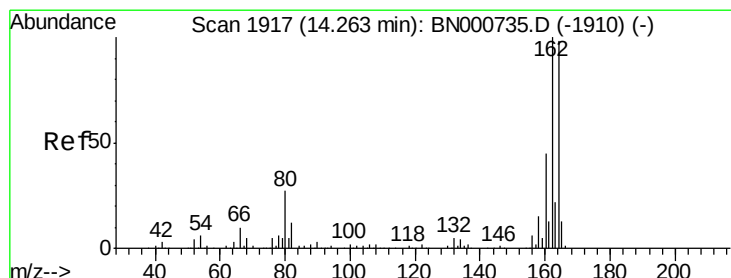
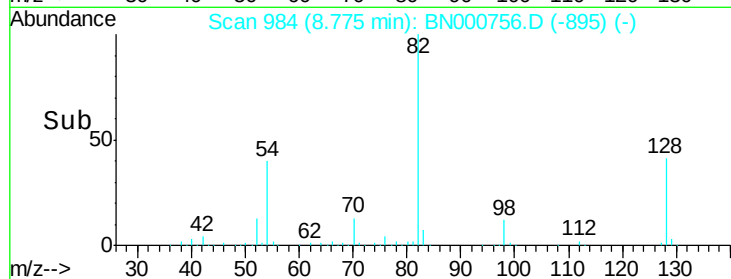
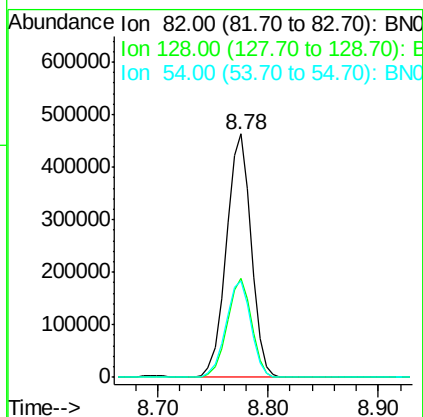
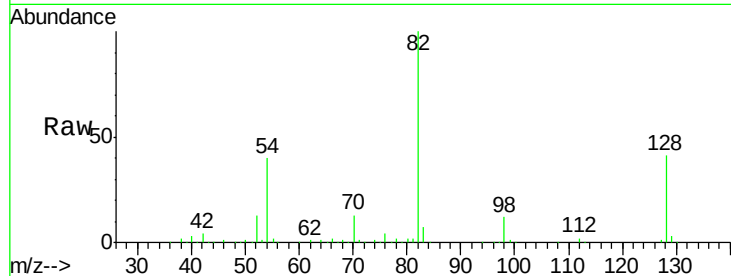




#23
Nitrobenzene-d5
Concen: 86.324 ng
RT: 8.78 min Scan# 984
Delta R.T. -0.01 min
Lab File: BN000756.D
Acq: 19 Apr 2018 00:51

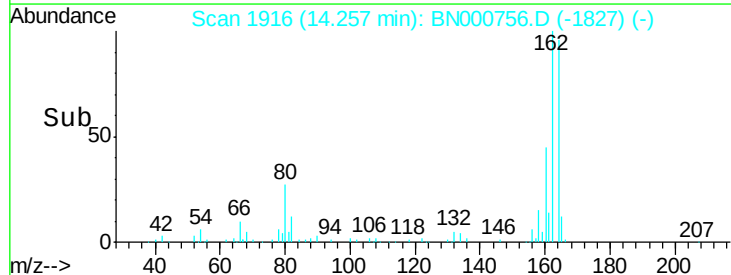
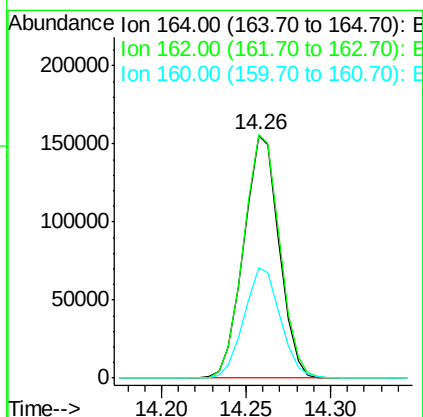
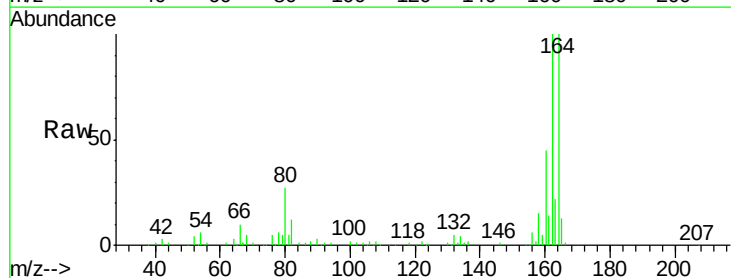
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

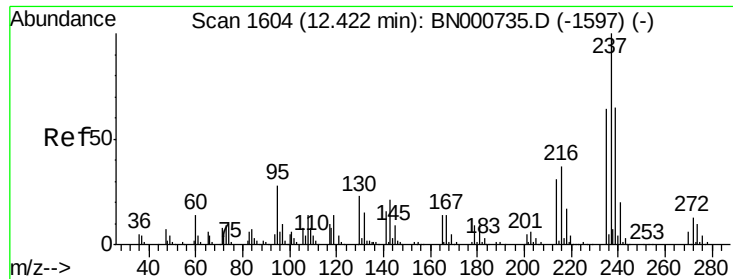
Tot Ion: 82 Resp: 727043
Ion Ratio Lower Upper
82 100
128 40.6 29.7 44.5
54 39.5 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BN000756.D
Acq: 19 Apr 2018 00:51

Tgt Ion:164 Resp: 226682
Ion Ratio Lower Upper
164 100
162 100.4 78.8 118.2
160 45.6 35.4 53.0

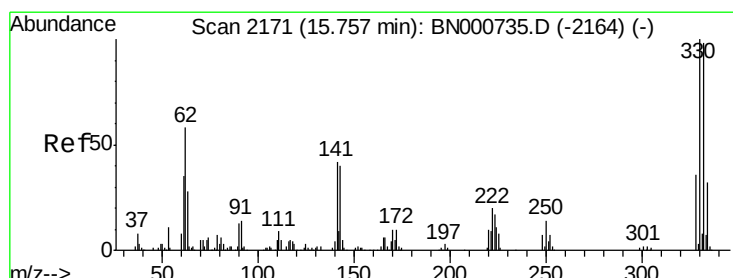
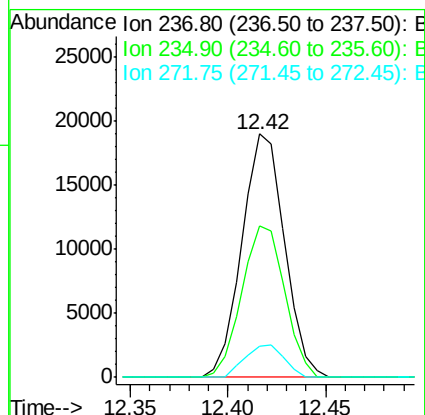
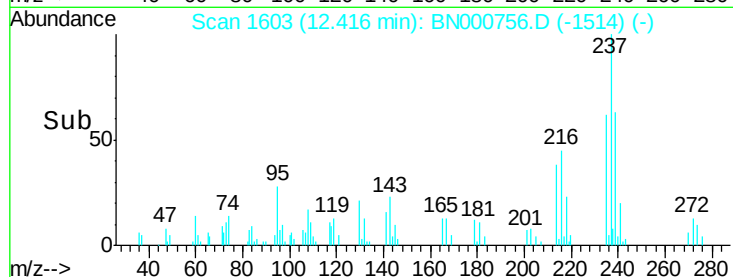
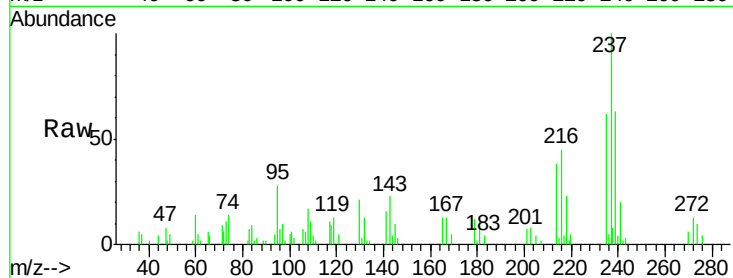




#40
Hexachlorocyclopentadiene
Concen: 6.968 ng
RT: 12.42 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BN000756.D
Acq: 19 Apr 2018 00:51

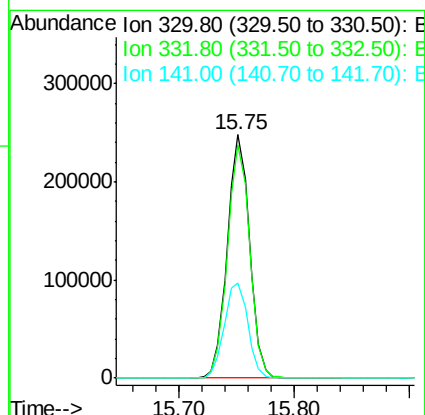
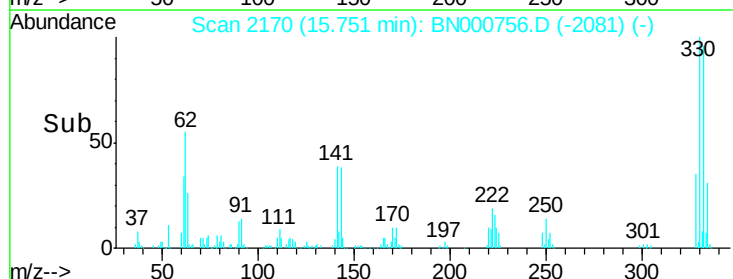
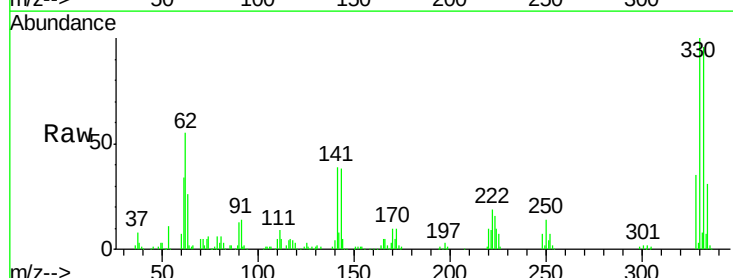
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

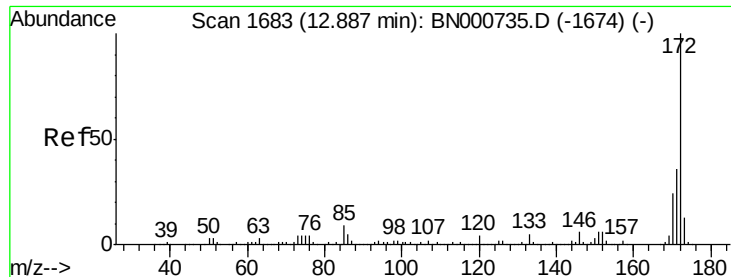
Tot Ion:237 Resp: 28727
Ion Ratio Lower Upper
237 100
235 62.4 50.4 90.4
272 13.0 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 145.809 ng
RT: 15.75 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN000756.D
Acq: 19 Apr 2018 00:51

Tgt Ion:330 Resp: 332741
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 41.2 25.2 37.8#

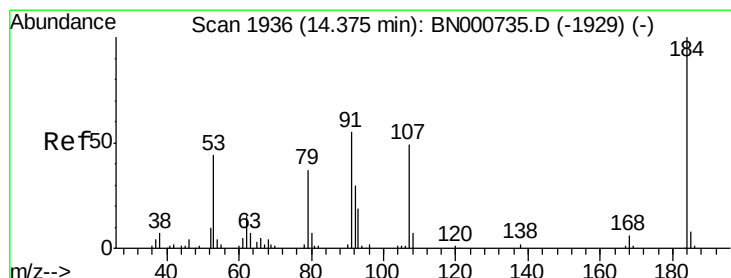
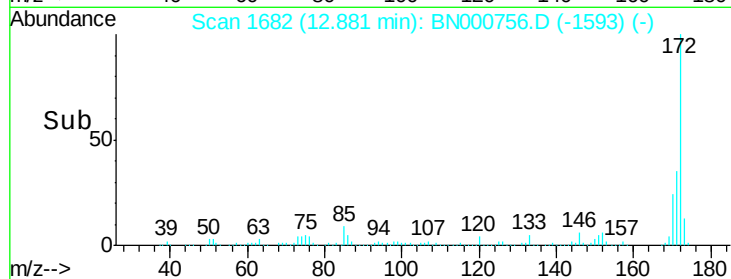
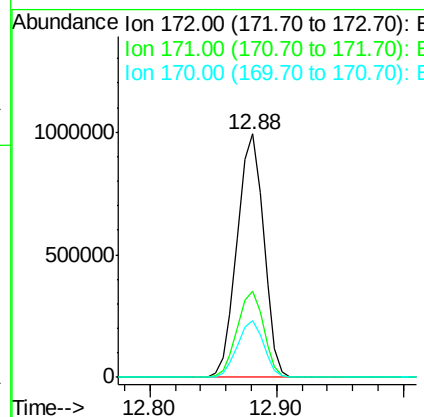
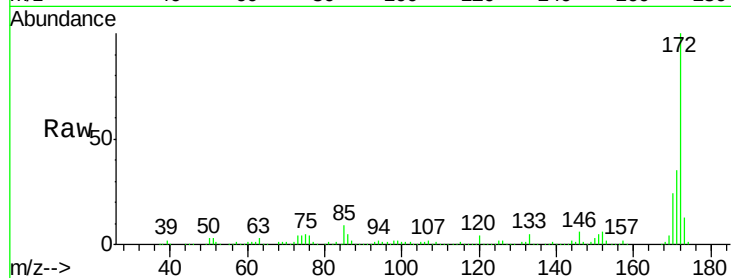




#44
 2-Fluorobiphenyl
 Concen: 87.702 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BN000756.D
 Acq: 19 Apr 2018 00:51

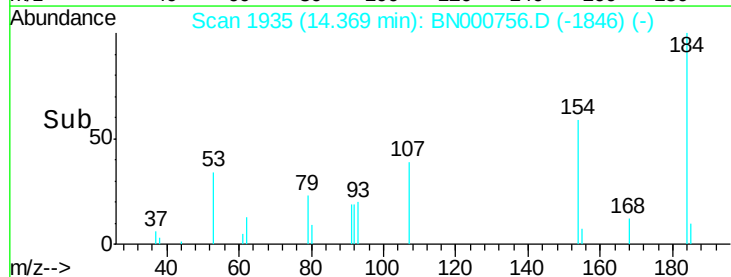
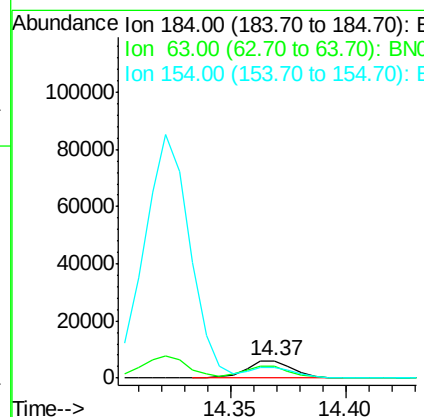
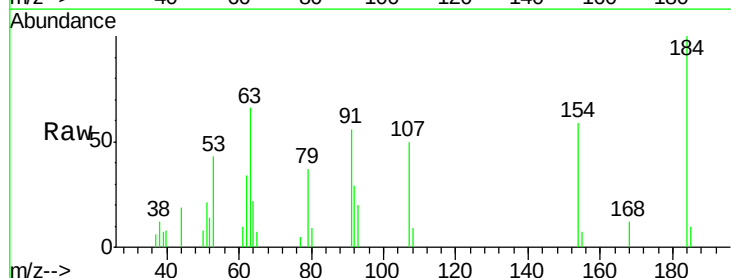
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

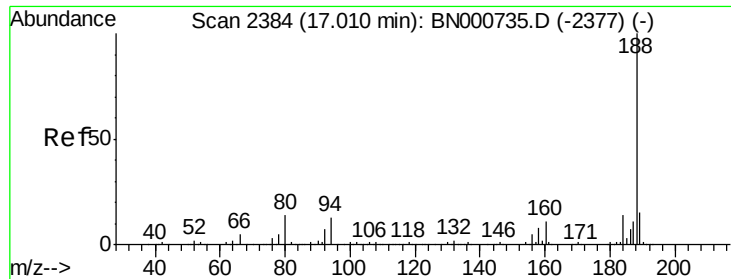
Tot Ion:172 Resp: 1440124
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 23.5 19.5 29.3



#53
 2,4-Dinitrophenol
 Concen: 9.606 ng
 RT: 14.37 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BN000756.D
 Acq: 19 Apr 2018 00:51

Tgt Ion:184 Resp: 8404
 Ion Ratio Lower Upper
 184 100
 63 65.6 56.0 84.0
 154 59.2 48.0 72.0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BN000756.D

Acq: 19 Apr 2018 00:51

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

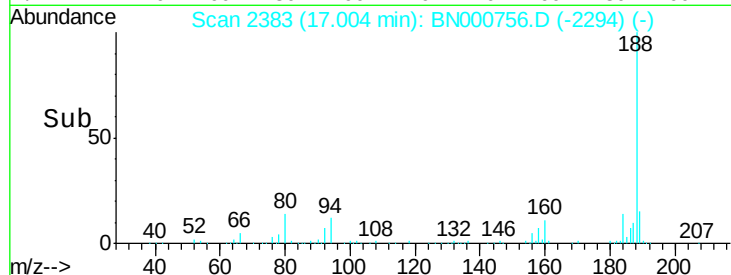
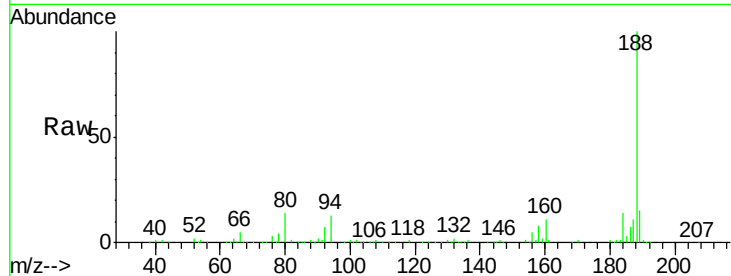
Tot Ion:188 Resp: 464434

Ion Ratio Lower Upper

188 100

94 12.9 6.9 10.3#

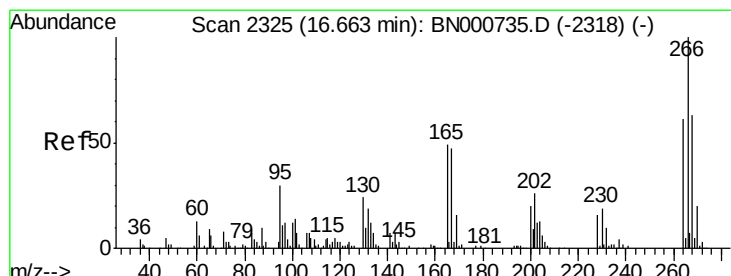
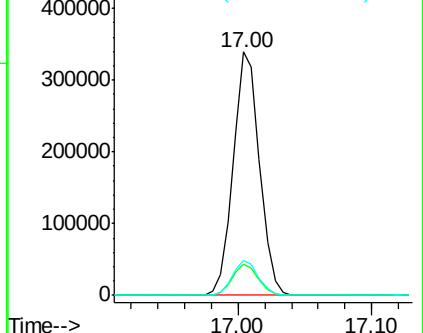
80 14.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#69

Pentachlorophenol

Concen: 5.579 ng

RT: 16.66 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN000756.D

Acq: 19 Apr 2018 00:51

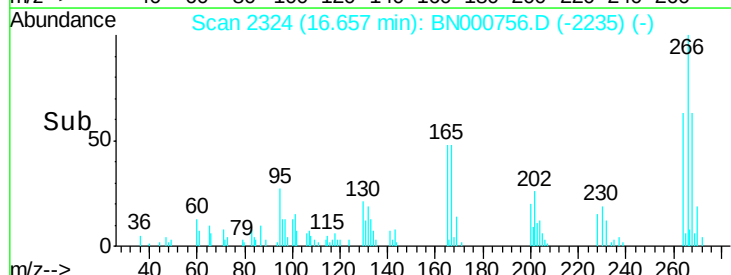
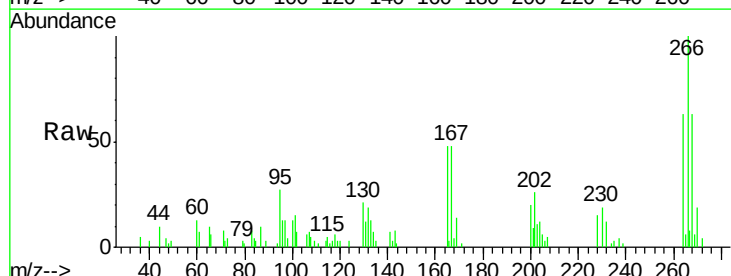
Tgt Ion:266 Resp: 19693

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

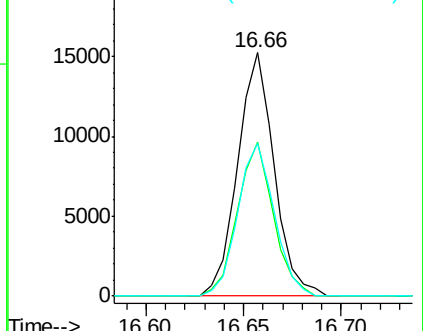
264 62.8 49.6 74.4

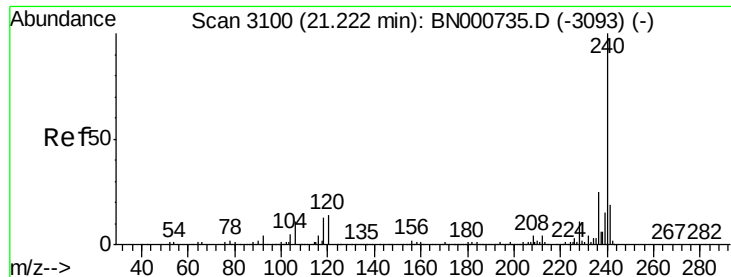


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BN000756.D

Acq: 19 Apr 2018 00:51

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

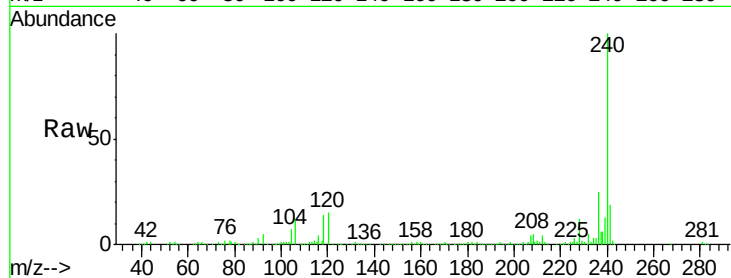
Tot Ion:240 Resp: 464550

Ion Ratio Lower Upper

240 100

120 15.2 6.8 10.2#

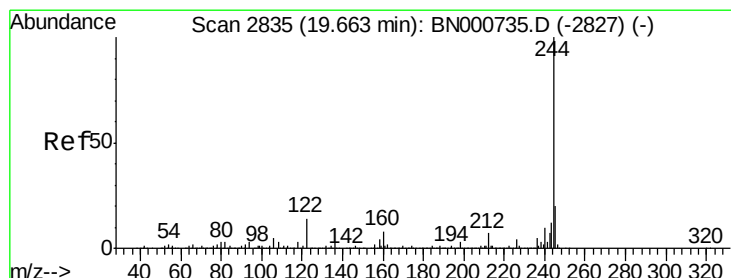
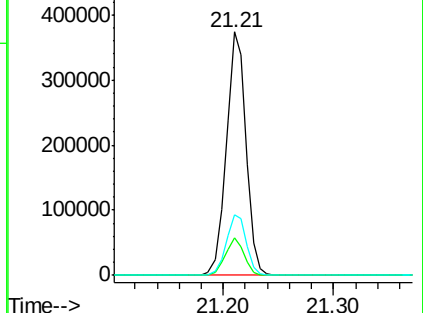
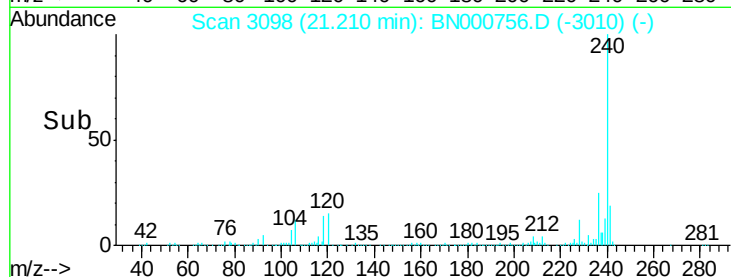
236 25.1 20.9 31.3



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: 81.888 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BN000756.D

Acq: 19 Apr 2018 00:51

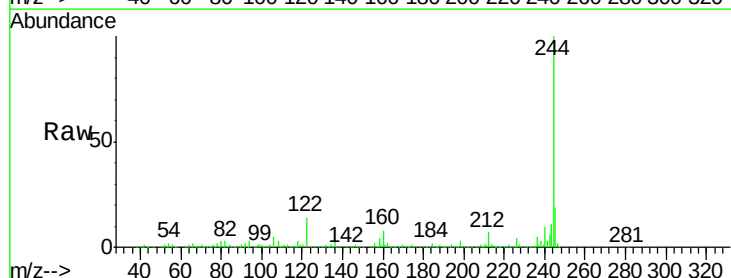
Tgt Ion:244 Resp: 1764325

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

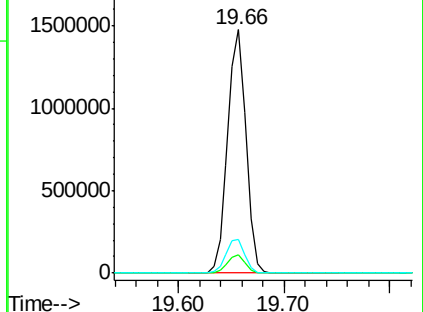
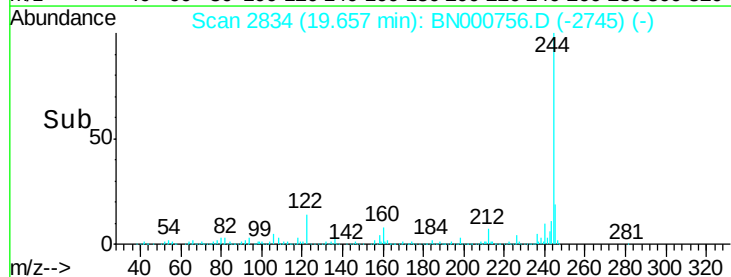
122 13.7 7.0 10.4#

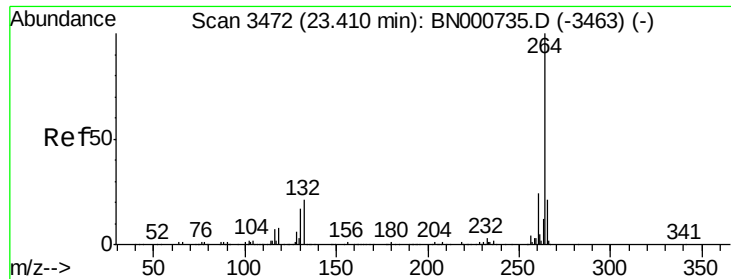


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

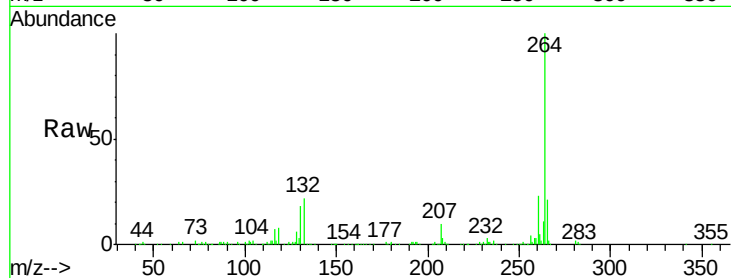




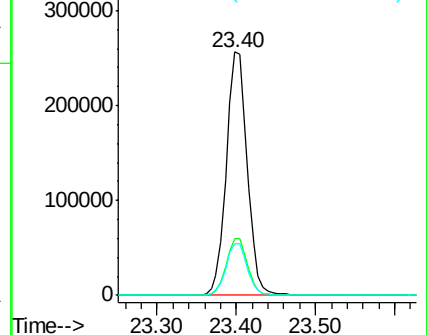
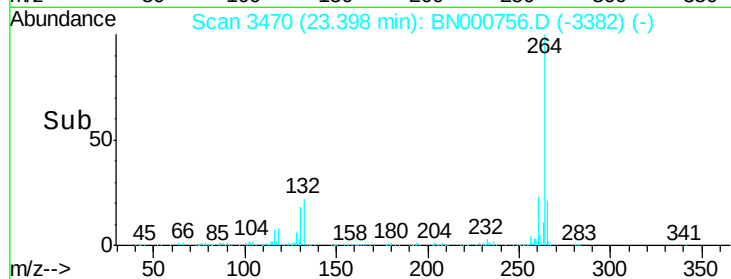
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.40 min Scan# 3470
 Delta R.T. -0.01 min
 Lab File: BN000756.D
 Acq: 19 Apr 2018 00:51

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.0	17.7	26.5



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



Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000756.D
 Acq On : 19 Apr 2018 00:51
 Operator : JU/SJ
 Sample : J2133-07
 Misc : 8PPM LOD
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Quant Time: Apr 19 07:16:23 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 16:58:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	105106	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	439056	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	226682	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	464434	20.00	ng	0.00
75) Chrysene-d12	21.21	240	464550	20.00	ng	-0.01
86) Perylene-d12	23.40	264	469187	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	971815	137.35	ng	0.00
7) Phenol-d6	6.81	99	1269671	131.68	ng	0.00
23) Nitrobenzene-d5	8.78	82	727043	86.32	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	332741	145.81	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	1440124	87.70	ng	0.00
78) Terphenyl-d14	19.66	244	1764325	81.89	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.42	237	28727	6.968	ng	91
53) 2,4-Dinitrophenol	14.37	184	8404	9.606	ng	97
69) Pentachlorophenol	16.66	266	19693	5.579	ng	99

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