

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
 Data File : BN003287.D
 Acq On : 25 Oct 2018 00:24
 Operator : MJ/SJ
 Sample : J5164-07
 Misc : LOD 8PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 25 07:11:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 14:21:25 2018
 Response via : Initial Calibration

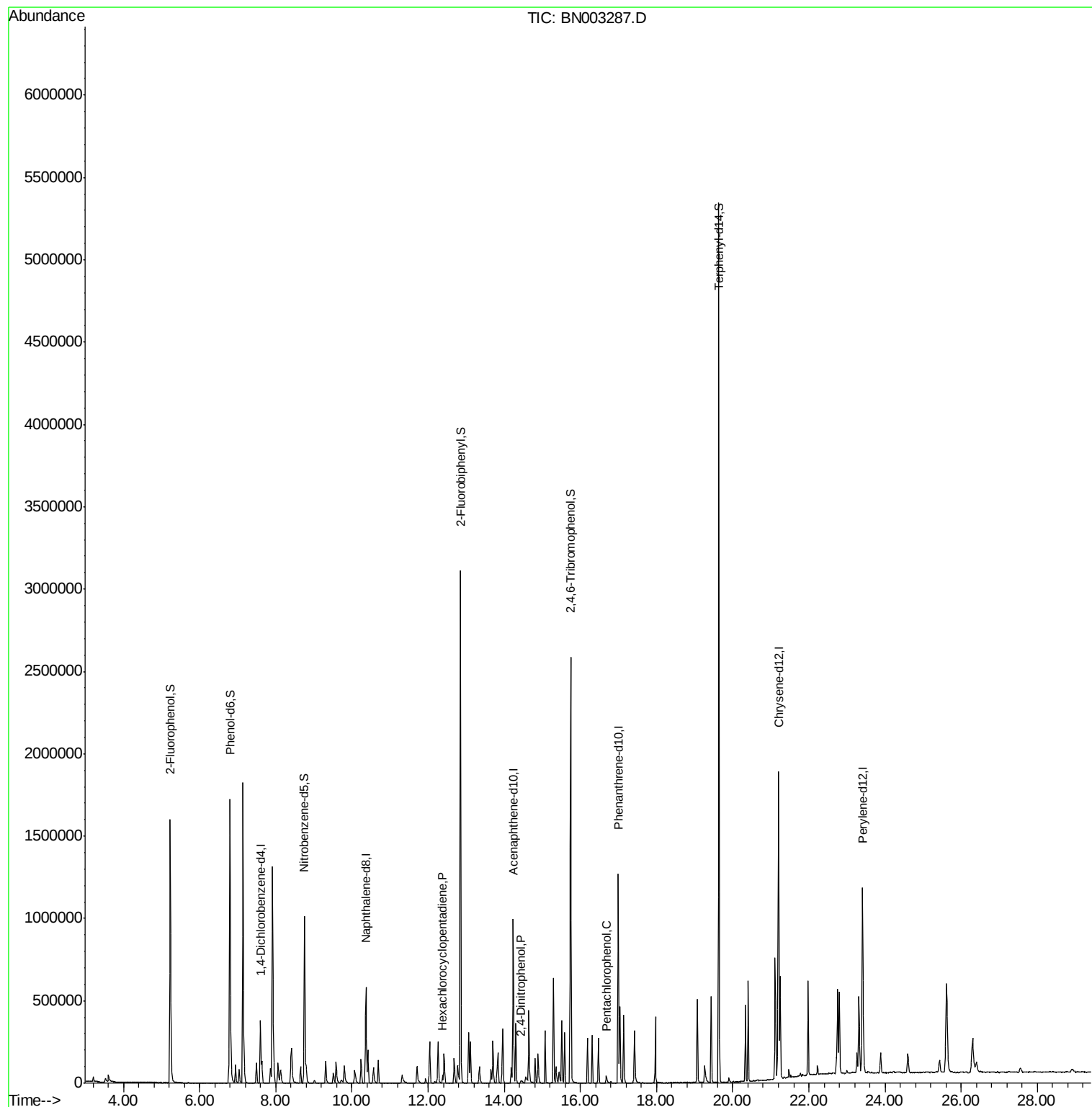
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	107179	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	498959	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	320364	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	753985	20.00	ng	0.00
76) Chrysene-d12	21.20	240	852516	20.00	ng	0.00
87) Perylene-d12	23.41	264	885711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	758240	123.22	ng	0.00
7) Phenol-d6	6.80	99	1065131	121.73	ng	0.00
23) Nitrobenzene-d5	8.75	82	623848	71.70	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	516172	119.66	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1638439	69.37	ng	0.00
79) Terphenyl-d14	19.64	244	2648543	66.44	ng	0.00
Target Compounds						
41) Hexachlorocyclopentadiene	12.39	237	13850	11.606	ng	99
54) 2,4-Dinitrophenol	14.43	184	8203	8.693	ng	# 90
70) Pentachlorophenol	16.68	266	15363	9.420	ng	97

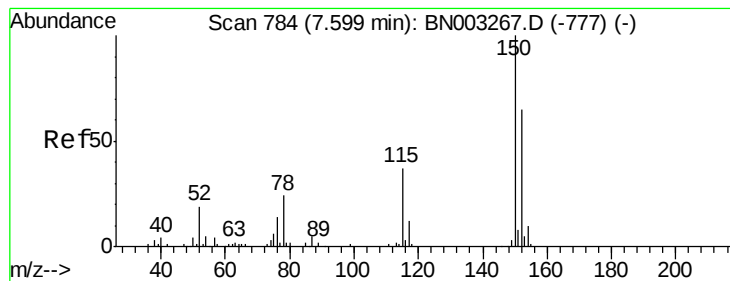
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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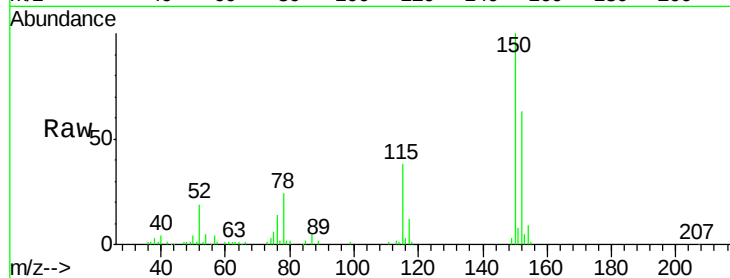


#1

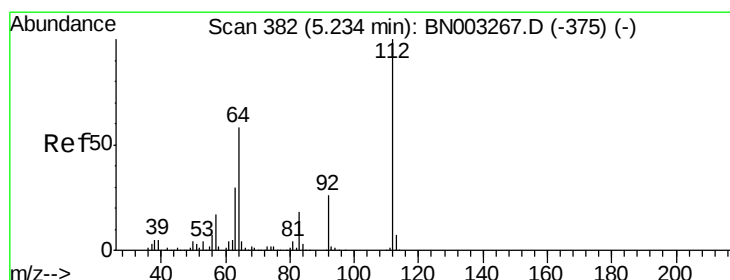
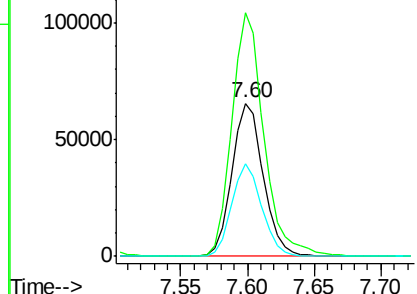
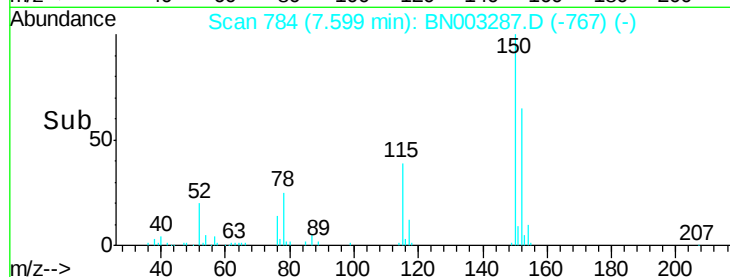
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BN003287.D
Acq: 25 Oct 2018 00:24

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:152 Resp: 107179
Ion Ratio Lower Upper
152 100
150 159.3 123.8 185.8
115 60.5 45.9 68.9



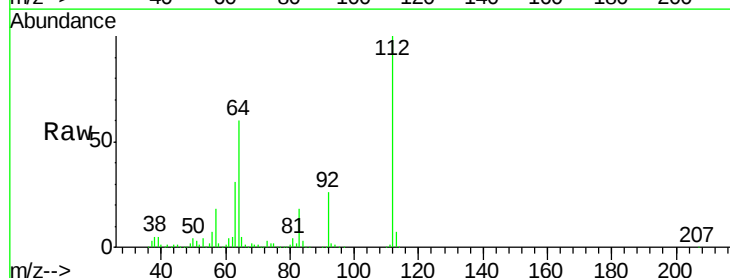
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



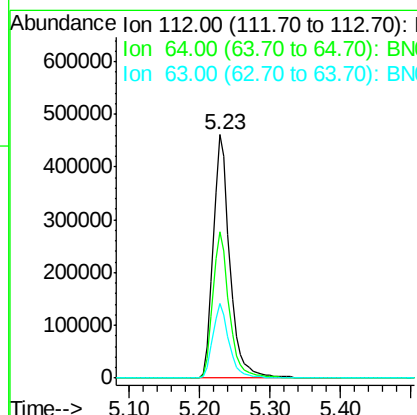
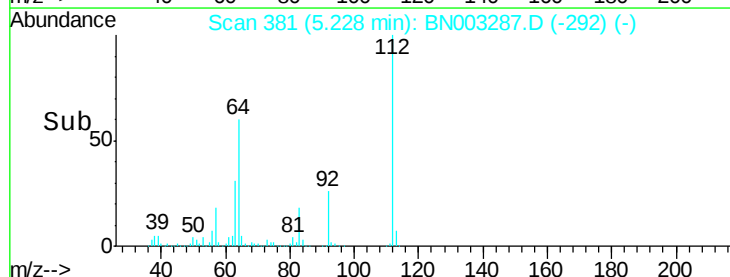
#5

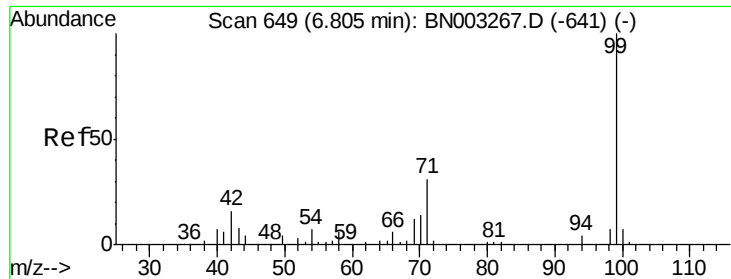
2-Fluorophenol
Concen: 123.220 ng
RT: 5.23 min Scan# 381
Delta R.T. -0.01 min
Lab File: BN003287.D
Acq: 25 Oct 2018 00:24

Tgt Ion:112 Resp: 758240
Ion Ratio Lower Upper
112 100
64 60.2 46.6 69.8
63 30.7 23.8 35.8



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: 121.729 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BN003287.D

Acq: 25 Oct 2018 00:24

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

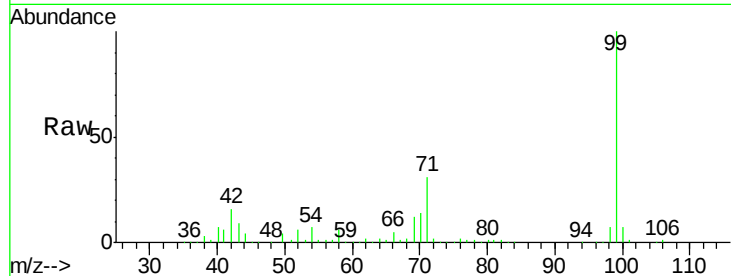
Tgt Ion: 99 Resp: 1065131

Ion Ratio Lower Upper

99 100

42 16.5 13.0 19.6

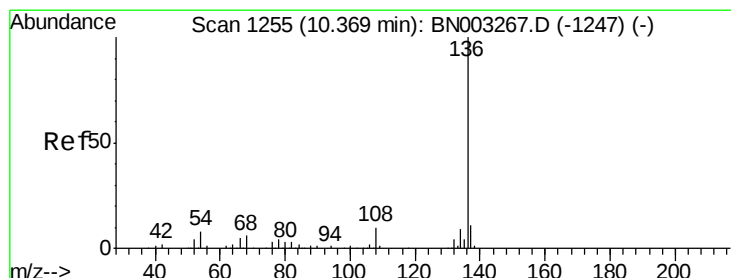
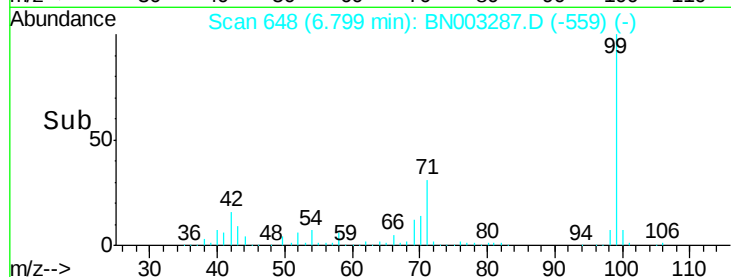
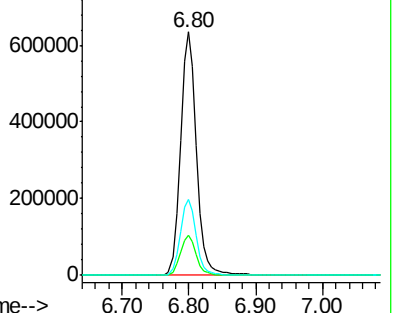
71 31.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003267.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BN003267.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BN003287.D

Acq: 25 Oct 2018 00:24

Tgt Ion: 136 Resp: 498959

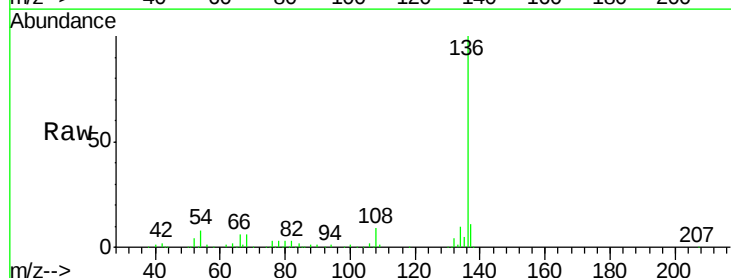
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.4 6.6 10.0

68 6.1 4.6 7.0

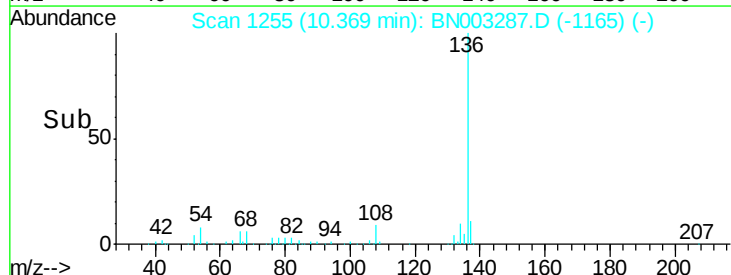
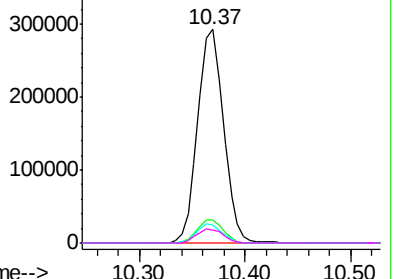


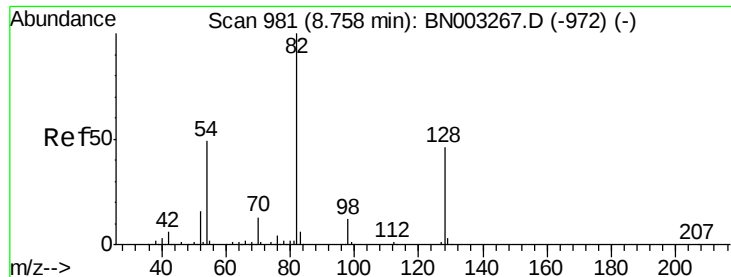
Abundance Ion 136.00 (135.70 to 136.70): BN003267.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BN003267.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BN003267.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BN003267.D (-1247) (-)

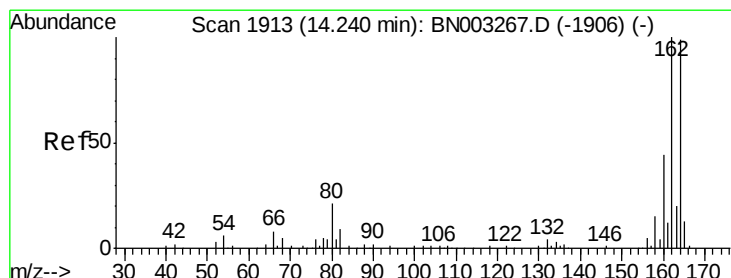
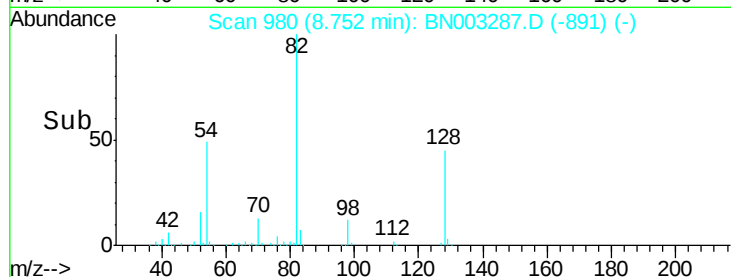
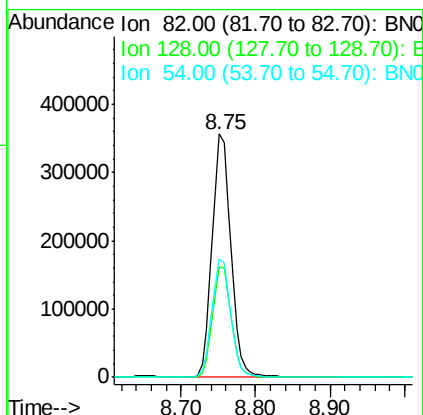
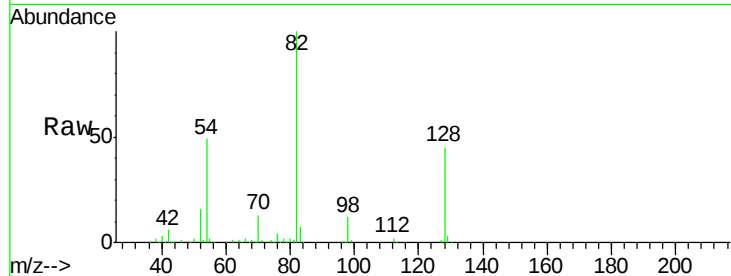




#23
 Nitrobenzene-d5
 Concen: 71.704 ng
 RT: 8.75 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BN003287.D
 Acq: 25 Oct 2018 00:24

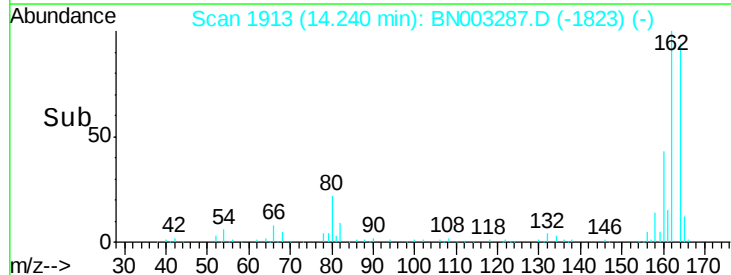
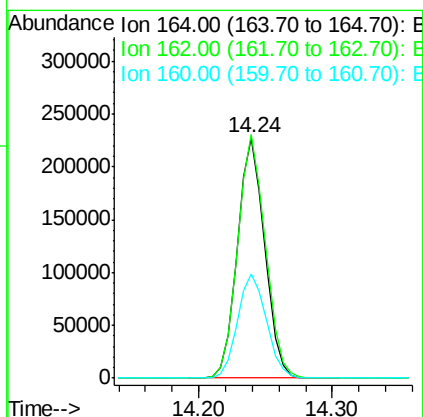
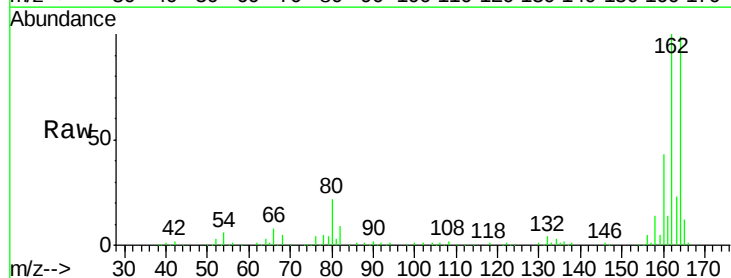
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

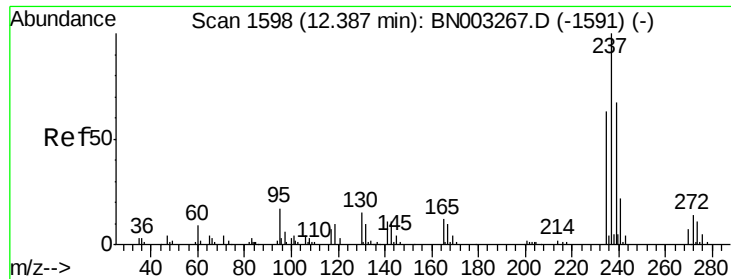
Tgt Ion: 82 Resp: 623848
 Ion Ratio Lower Upper
 82 100
 128 45.2 37.1 55.7
 54 48.8 39.4 59.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.24 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: BN003287.D
 Acq: 25 Oct 2018 00:24

Tgt Ion: 164 Resp: 320364
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.8 121.2
 160 43.4 35.5 53.3

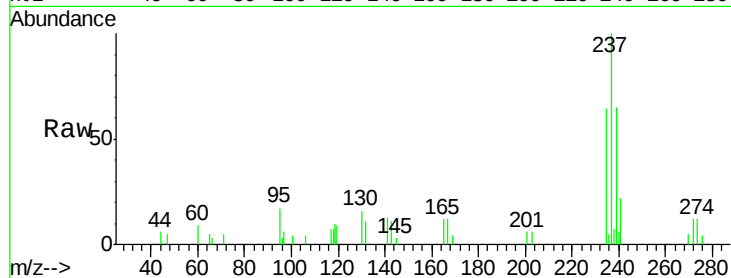




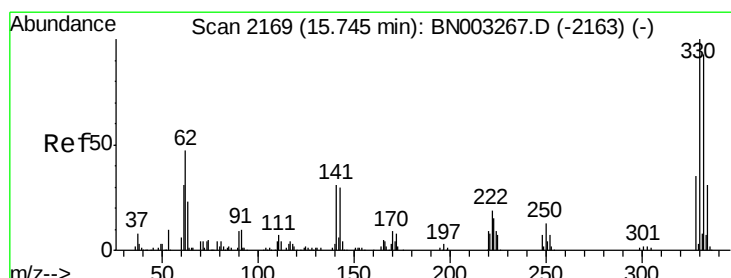
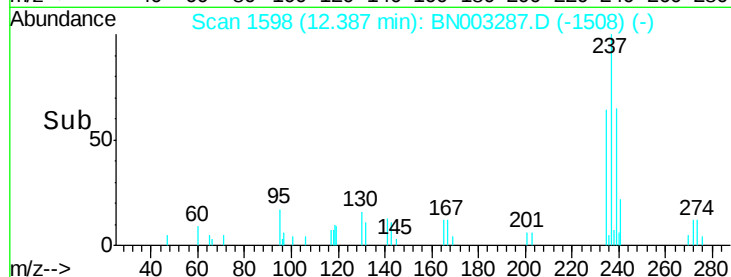
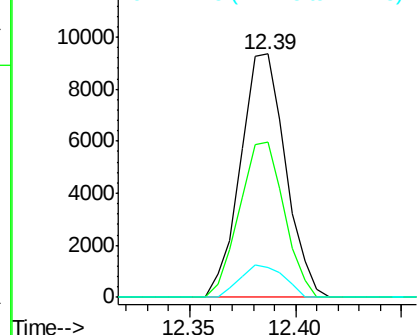
#41
Hexachlorocyclopentadiene
Concen: 11.606 ng
RT: 12.39 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BN003287.D
Acq: 25 Oct 2018 00:24

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 237 Resp: 13850
Ion Ratio Lower Upper
237 100
235 63.6 42.8 82.8
272 12.4 0.0 33.5

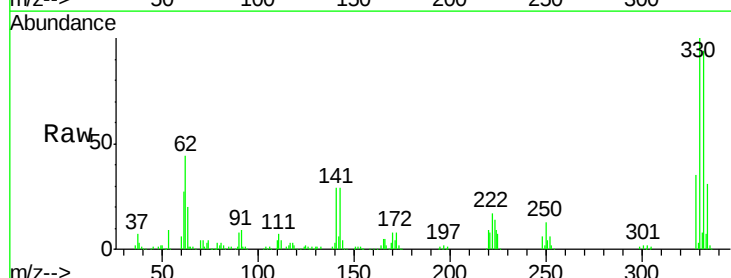


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

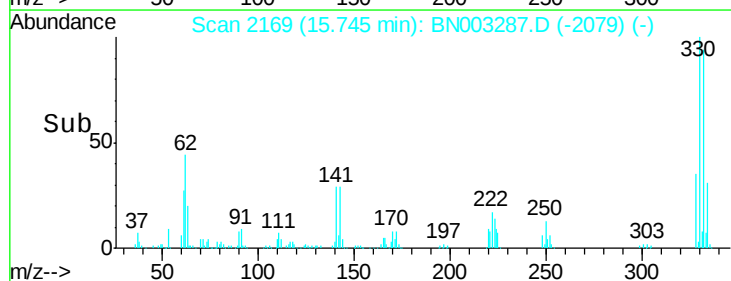
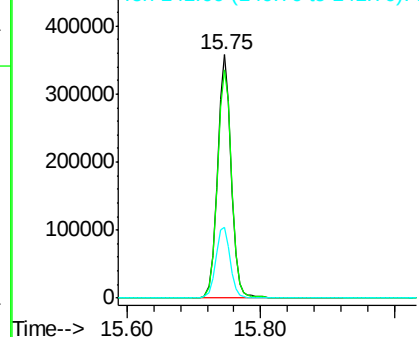


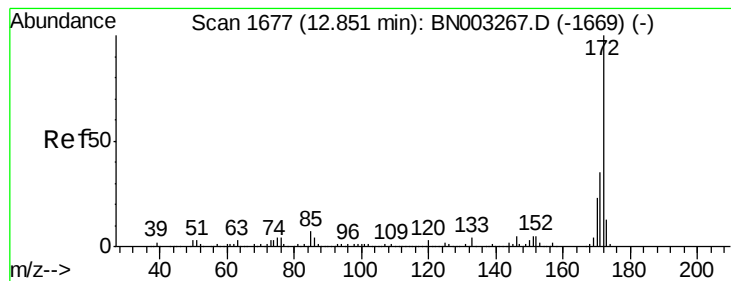
#42
2,4,6-Tribromophenol
Concen: 119.656 ng
RT: 15.75 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN003287.D
Acq: 25 Oct 2018 00:24

Tgt Ion: 330 Resp: 516172
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 30.6 24.5 36.7



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





#45

2-Fluorobiphenyl

Concen: 69.372 ng

RT: 12.85 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BN003287.D

Acq: 25 Oct 2018 00:24

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

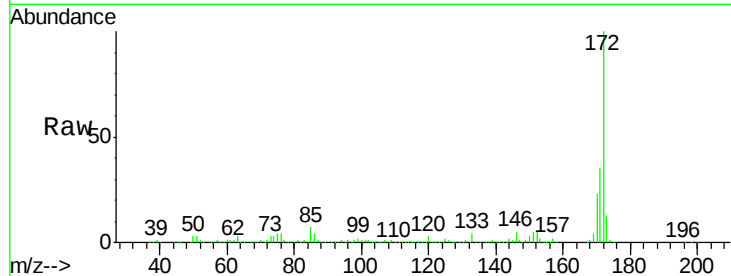
Tgt Ion:172 Resp: 1638439

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

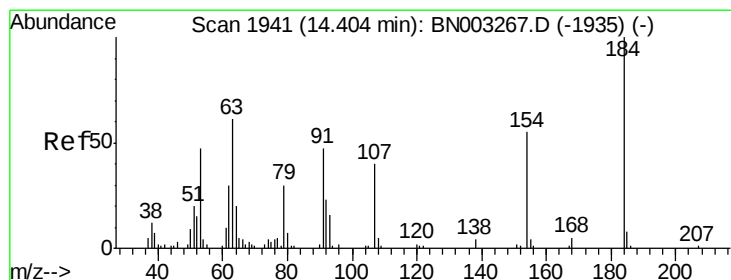
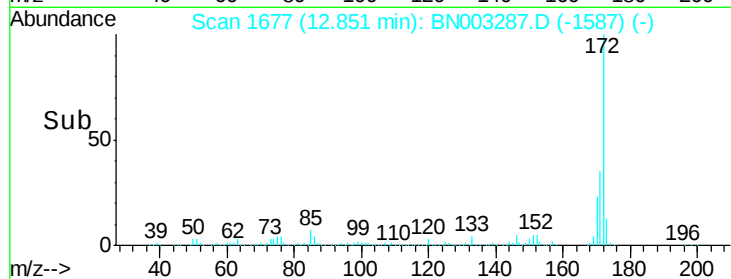
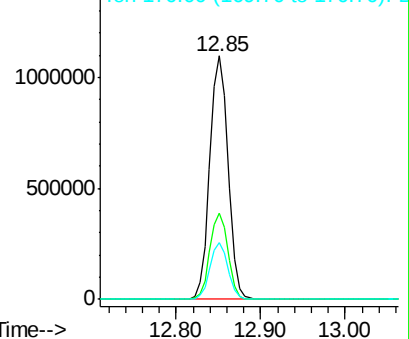
170 23.0 18.4 27.6



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



#54

2,4-Dinitrophenol

Concen: 8.693 ng

RT: 14.43 min Scan# 1946

Delta R.T. 0.03 min

Lab File: BN003287.D

Acq: 25 Oct 2018 00:24

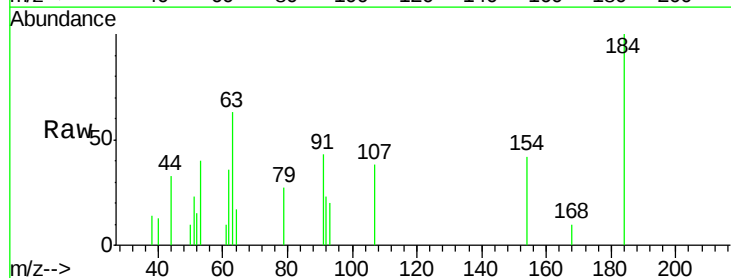
Tgt Ion:184 Resp: 8203

Ion Ratio Lower Upper

184 100

63 62.6 49.0 73.4

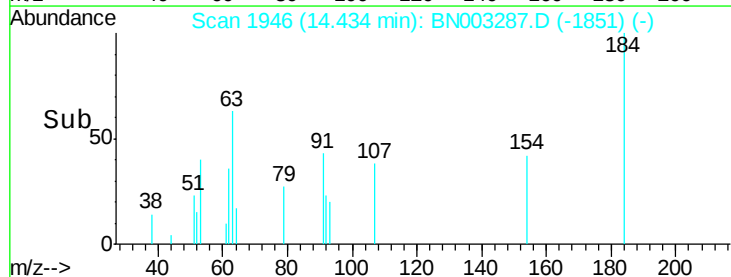
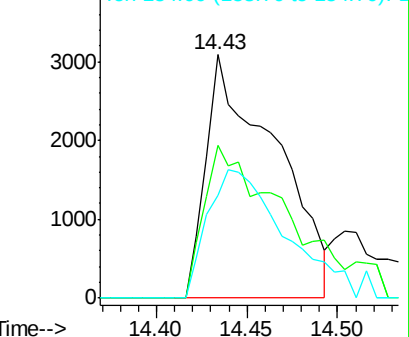
154 42.0 44.2 66.2#

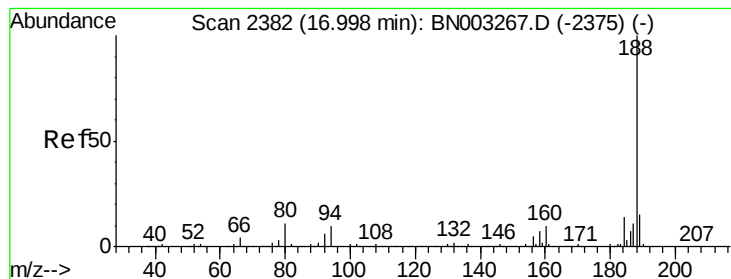


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BN003287.D

Acq: 25 Oct 2018 00:24

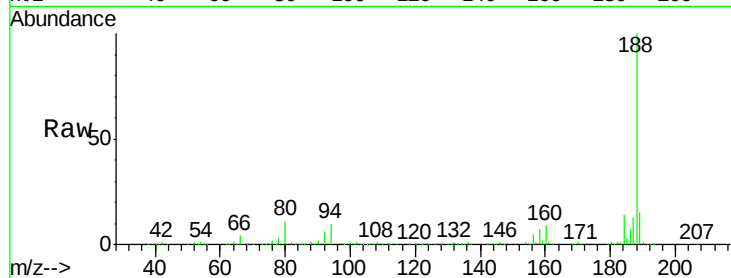
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

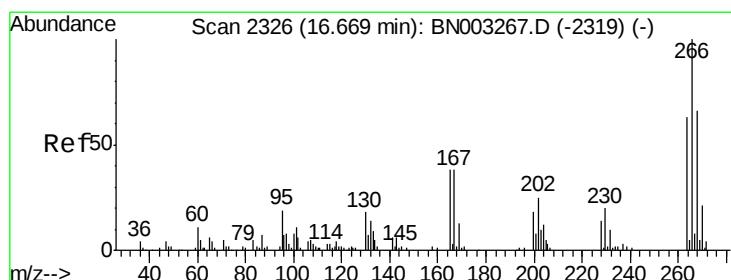
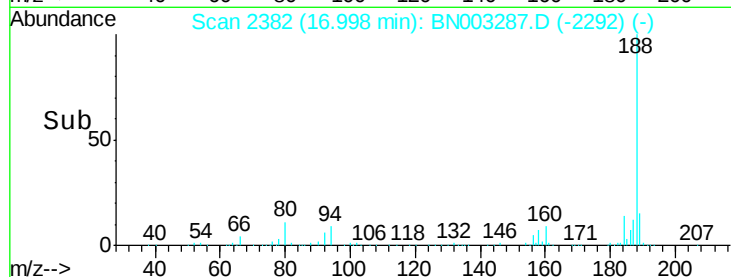
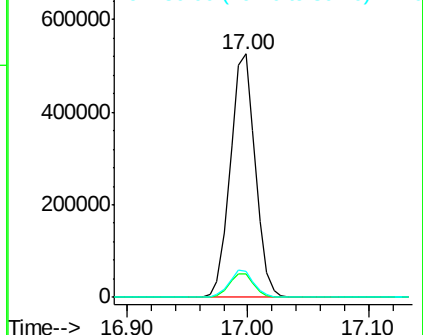
Tgt Ion:	188	Resp:	753985
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.1	12.1
80	10.6	8.6	13.0



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



#70

Pentachlorophenol

Concen: 9.420 ng

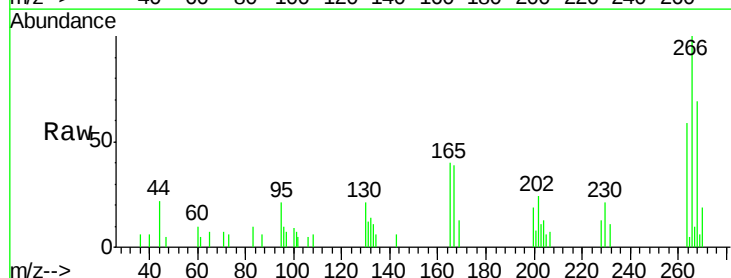
RT: 16.68 min Scan# 2328

Delta R.T. 0.01 min

Lab File: BN003287.D

Acq: 25 Oct 2018 00:24

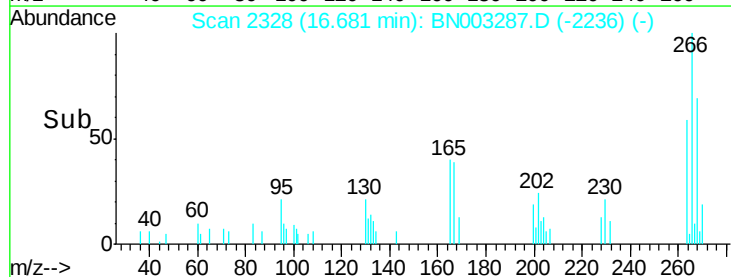
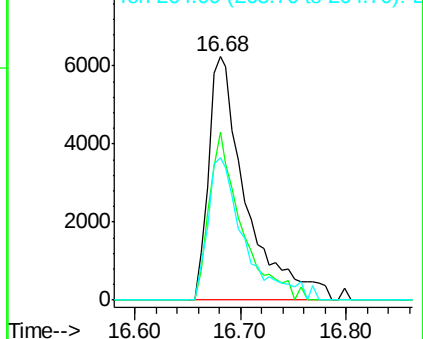
Tgt Ion:	266	Resp:	15363
Ion Ratio	Lower	Upper	
266	100		
268	69.1	52.5	78.7
264	64.1	50.3	75.5

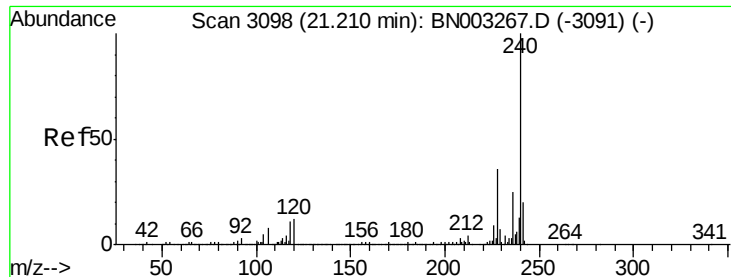


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BN003287.D

Acq: 25 Oct 2018 00:24

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LOD-MDL-WATER-01-QT4-2018

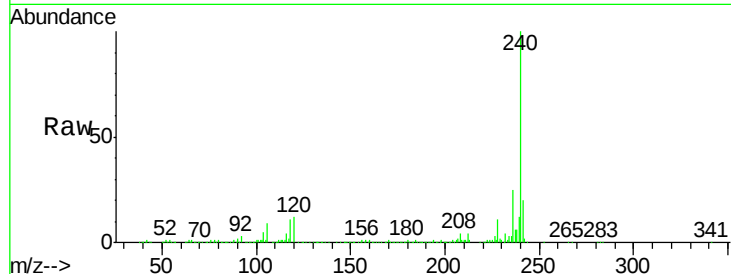
Tgt Ion:240 Resp: 852516

Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.0

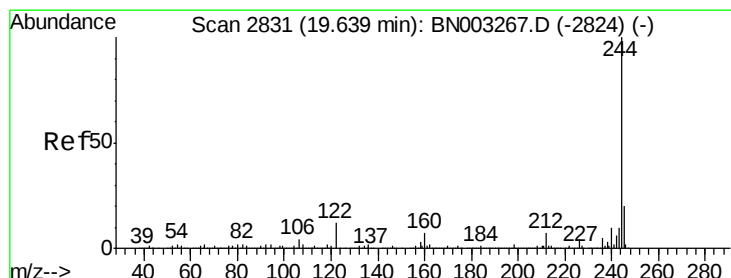
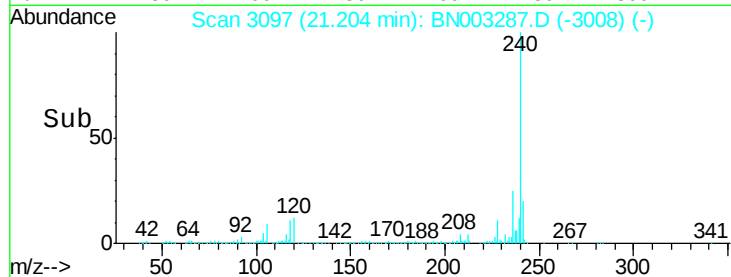
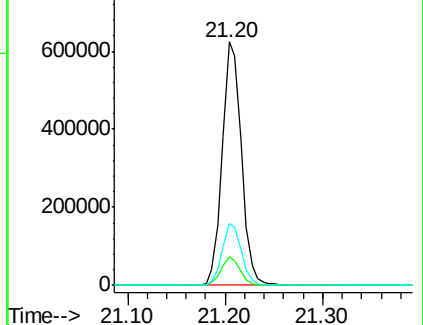
236 25.2 20.3 30.5



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



#79

Terphenyl-d14

Concen: 66.439 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BN003287.D

Acq: 25 Oct 2018 00:24

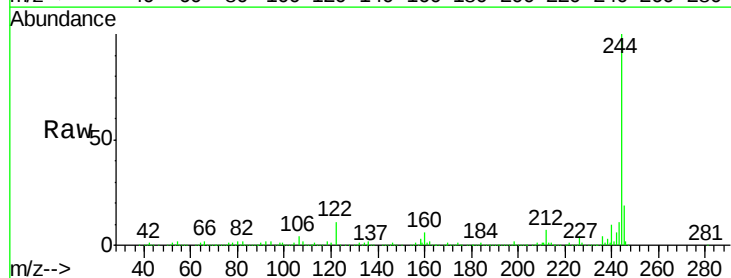
Tgt Ion:244 Resp: 2648543

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

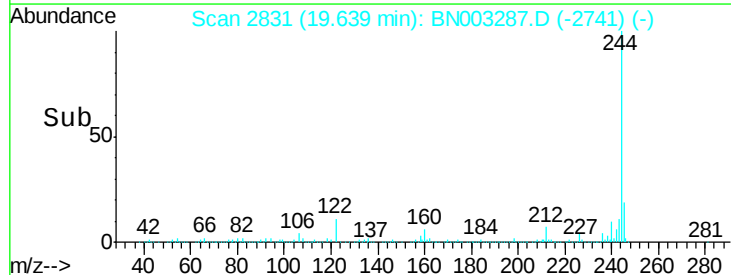
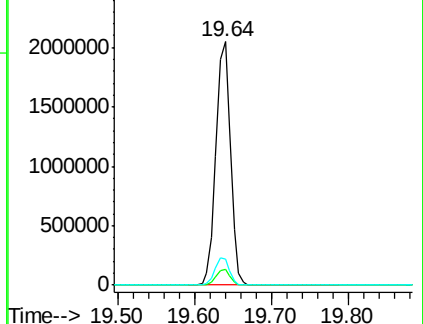
122 10.8 9.4 14.2

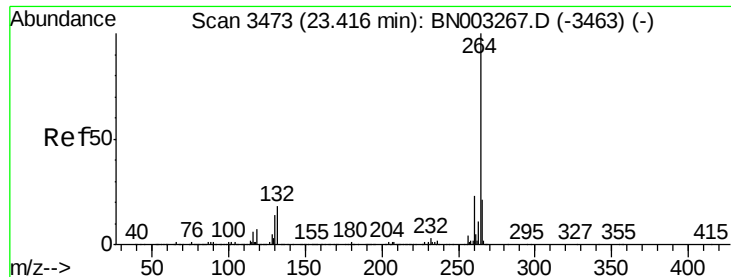


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BN003287.D
Acq: 25 Oct 2018 00:24

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 264 Resp: 885711
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.3 16.6 25.0

