

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\
 Data File : BM015513.D
 Acq On : 07 Jun 2018 06:31
 Operator : SJ/JU
 Sample : J3306-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A&M-WATER

Quant Time: Jun 07 07:57:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 06 14:01:06 2018
 Response via : Initial Calibration

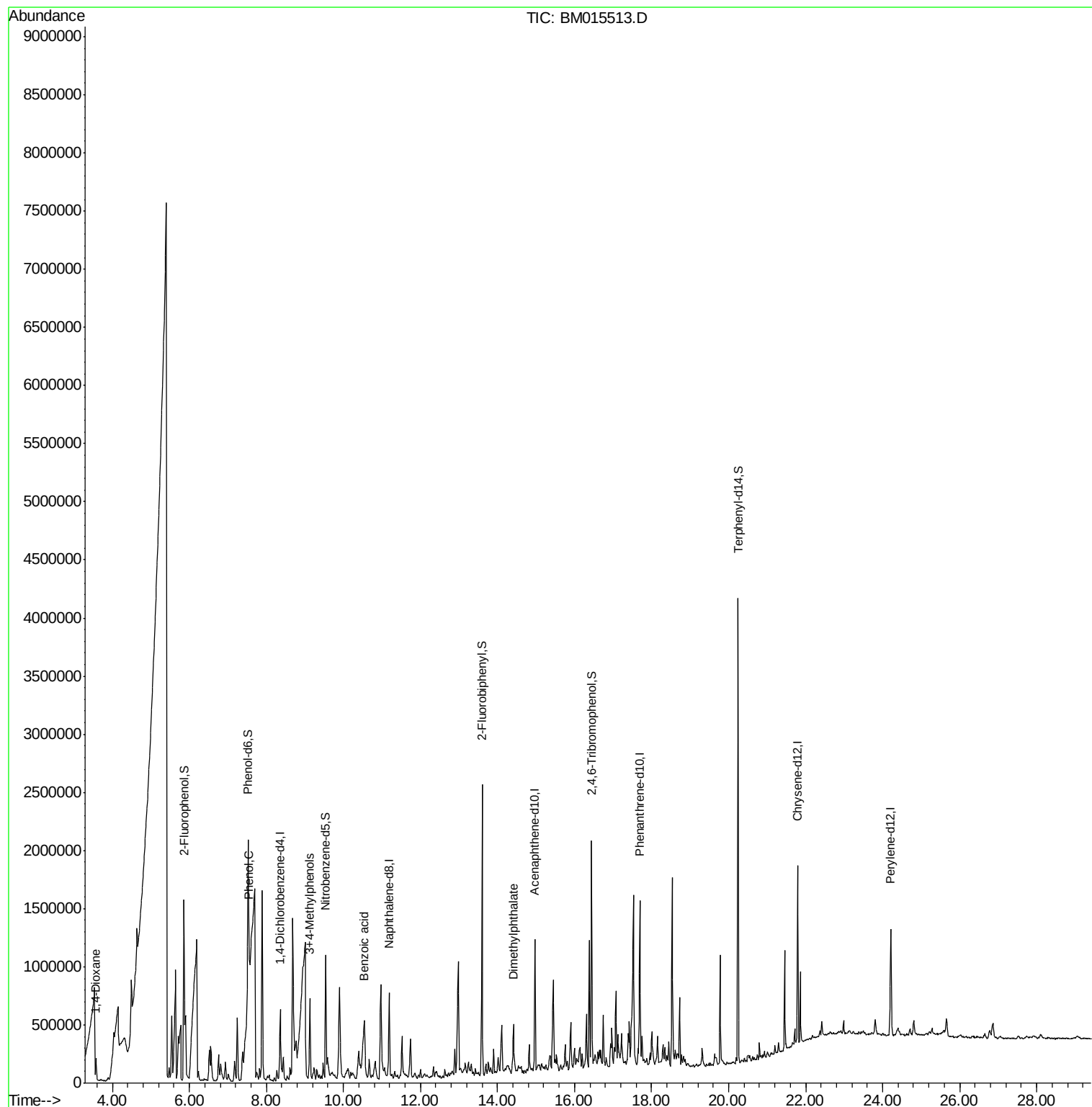
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	143105	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	577562	20.00	ng	0.00
38) Acenaphthene-d10	14.97	164	302831	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	645016	20.00	ng	0.00
75) Chrysene-d12	21.79	240	655282	20.00	ng	-0.01
86) Perylene-d12	24.21	264	646646	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	572330	68.03	ng	0.00
7) Phenol-d6	7.53	99	706411	55.55	ng	0.02
23) Nitrobenzene-d5	9.54	82	562258	52.95	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	308698	70.93	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1160777	51.47	ng	0.00
78) Terphenyl-d14	20.24	244	1669782	58.82	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.58	88	9606	3.062	ng	Qvalue # 100
10) Phenol	7.55	94	92778	7.194	ng	81
20) 3+4-Methylphenols	9.13	107	151231	12.052	ng	89
32) Benzoic acid	10.53	122	243687	36.490	ng	94
49) Dimethylphthalate	14.42	163	121694	4.680	ng	100

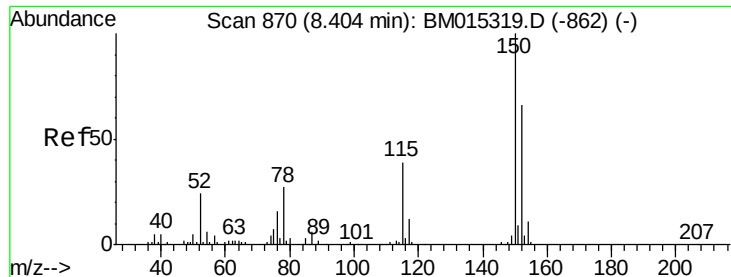
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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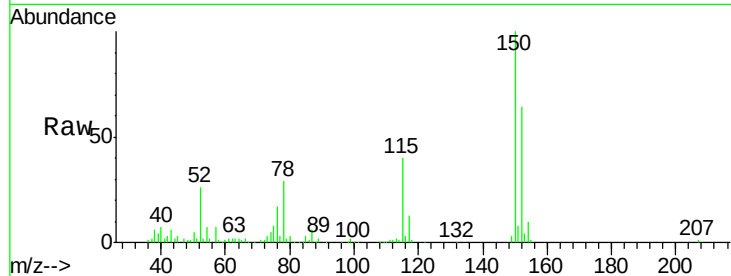


#1

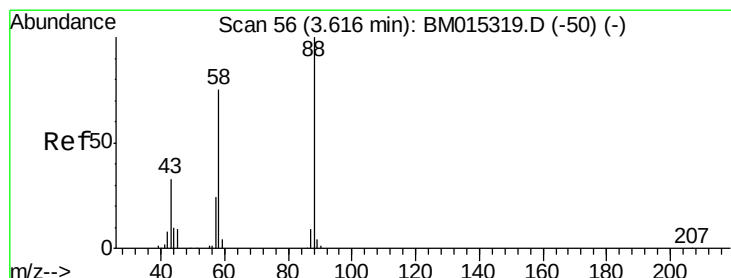
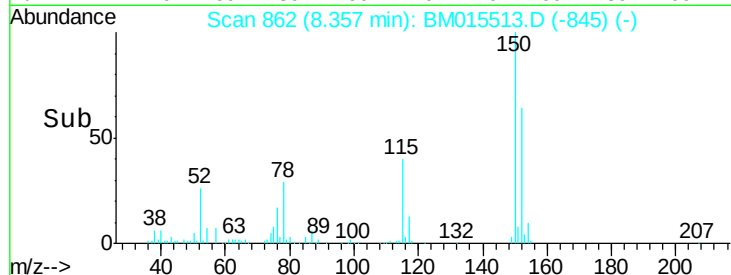
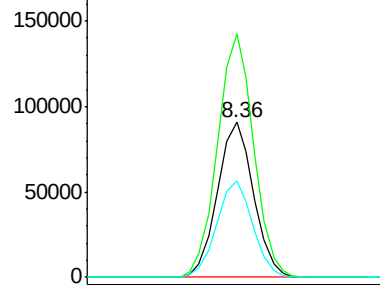
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.36 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM015513.D
Acq: 07 Jun 2018 06:31

Instrument :
BNA_M
ClientSampleId :
A&M-WATER

Tot Ion:152 Resp: 143105
Ion Ratio Lower Upper
152 100
150 156.9 119.5 179.3
115 62.4 43.0 64.4



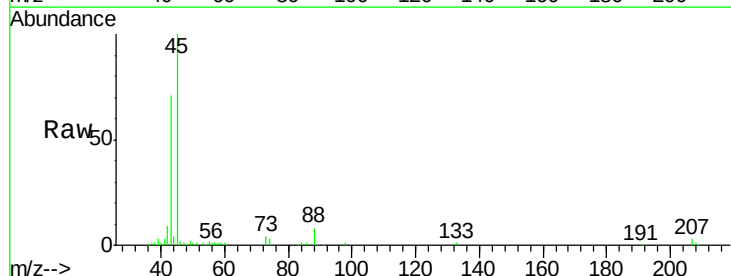
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



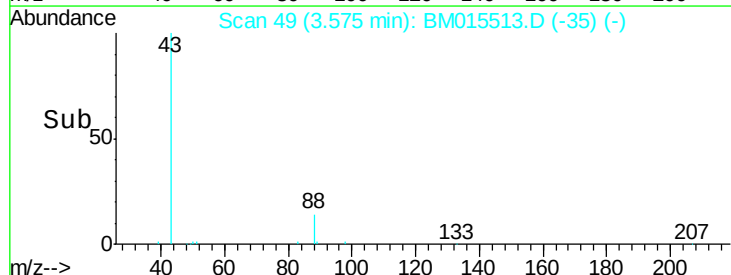
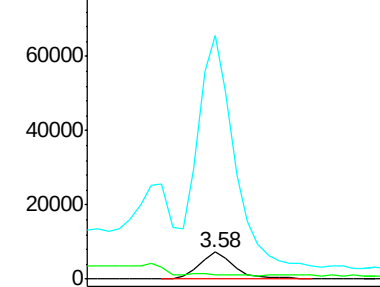
#2

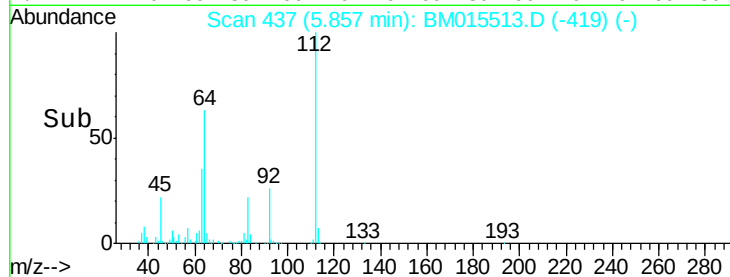
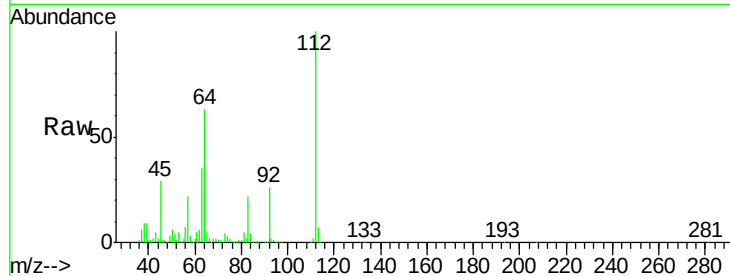
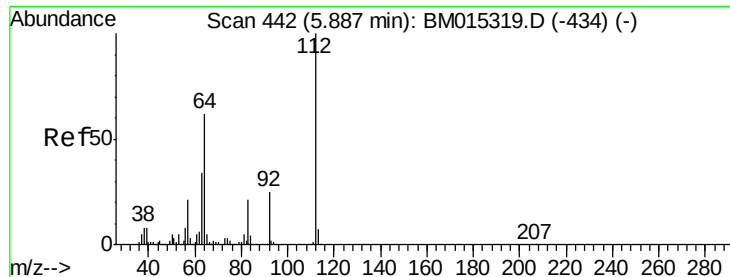
1,4-Dioxane
Concen: 3.062 ng
RT: 3.58 min Scan# 49
Delta R.T. -0.02 min
Lab File: BM015513.D
Acq: 07 Jun 2018 06:31

Tgt Ion: 88 Resp: 9606
Ion Ratio Lower Upper
88 100
58 7.1 0.0 0.0#
43 902.1 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 68.030 ng

RT: 5.86 min Scan# 437

Delta R.T. 0.01 min

Lab File: BM015513.D

Acq: 07 Jun 2018 06:31

Instrument :

BNA_M

ClientSampleId :

A&M-WATER

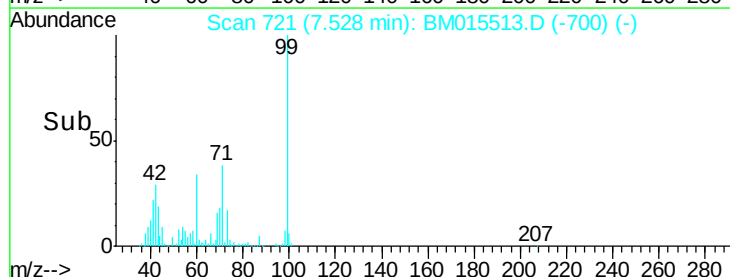
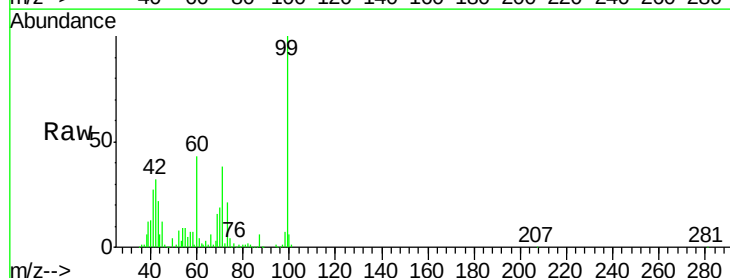
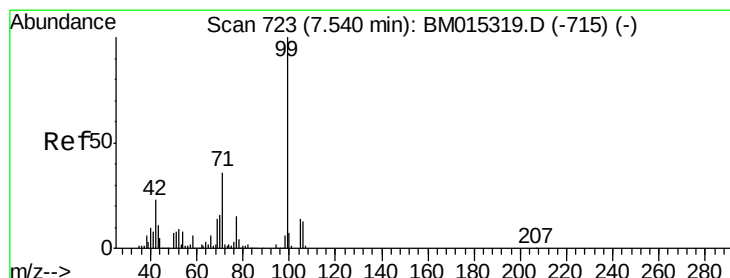
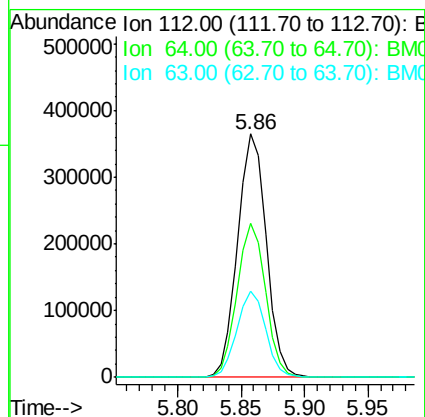
Tot Ion:112 Resp: 572330

Ion Ratio Lower Upper

112 100

64 63.0 38.6 57.8#

63 35.3 19.3 28.9#



#7

Phenol-d6

Concen: 55.554 ng

RT: 7.53 min Scan# 721

Delta R.T. 0.02 min

Lab File: BM015513.D

Acq: 07 Jun 2018 06:31

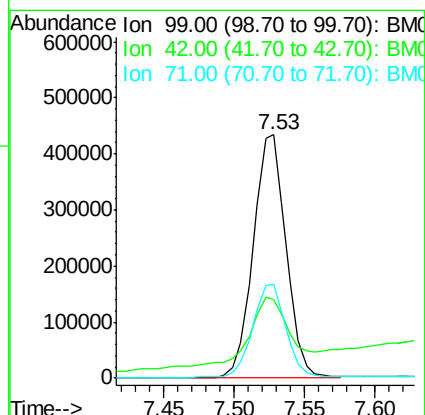
Tgt Ion: 99 Resp: 706411

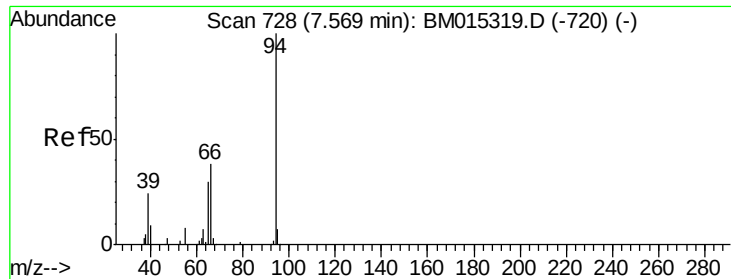
Ion Ratio Lower Upper

99 100

42 32.0 11.0 16.4#

71 38.3 23.4 35.2#





#10

Phenol

Concen: 7.194 ng

RT: 7.55 min Scan# 725

Delta R.T. 0.02 min

Lab File: BM015513.D

Acq: 07 Jun 2018 06:31

Instrument :

BNA_M

ClientSampleId :

A&M-WATER

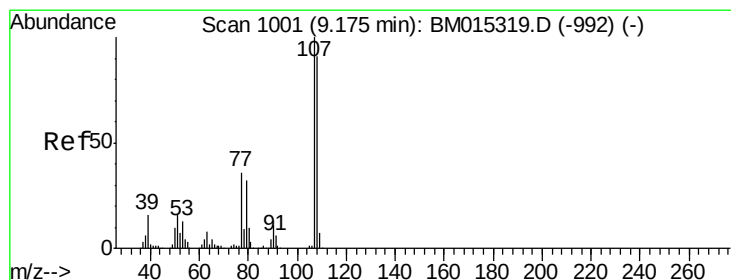
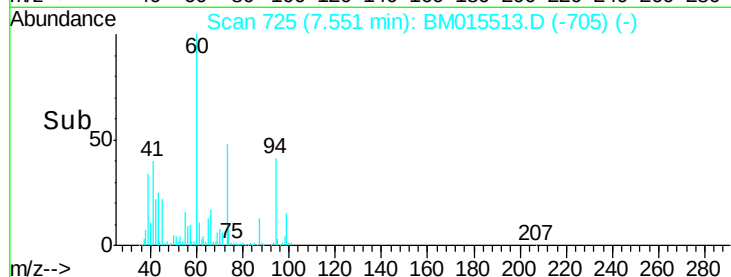
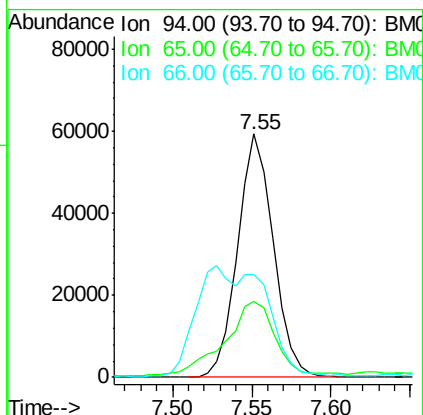
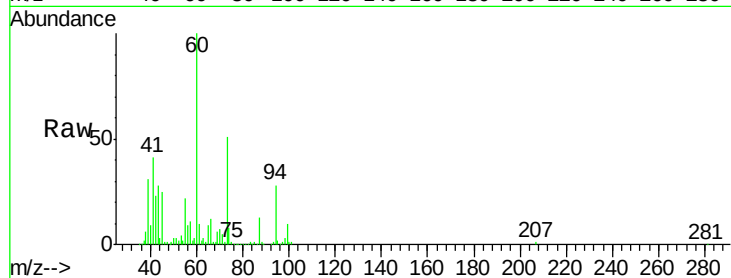
Tot Ion: 94 Resp: 92778

Ion Ratio Lower Upper

94 100

65 31.0 18.8 58.8

66 42.4 39.9 79.9



#20

3+4-Methylphenols

Concen: 12.052 ng

RT: 9.13 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM015513.D

Acq: 07 Jun 2018 06:31

Tgt Ion: 107 Resp: 151231

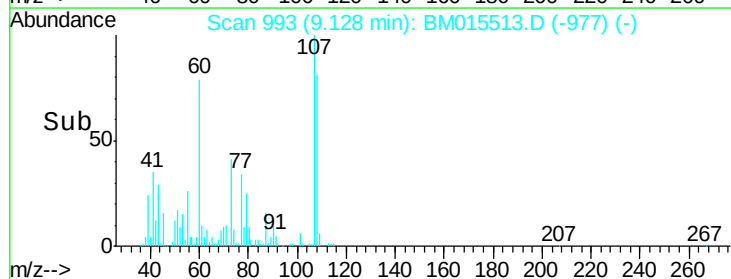
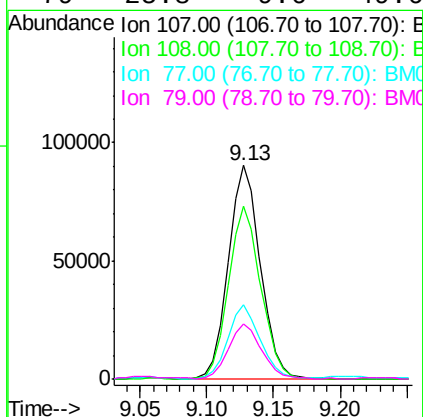
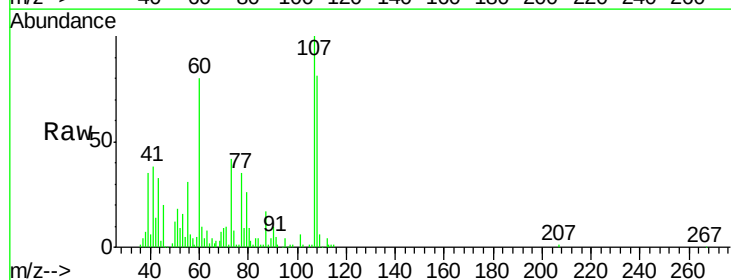
Ion Ratio Lower Upper

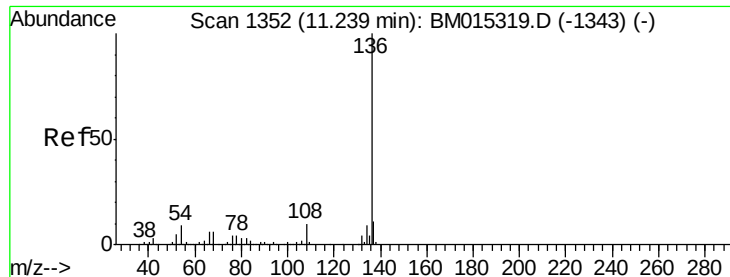
107 100

108 81.0 73.2 113.2

77 34.8 10.7 50.7

79 25.8 9.6 49.6

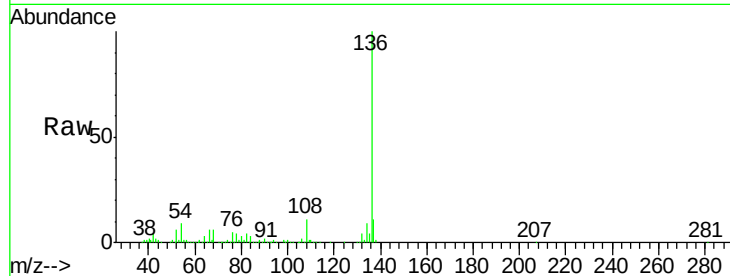




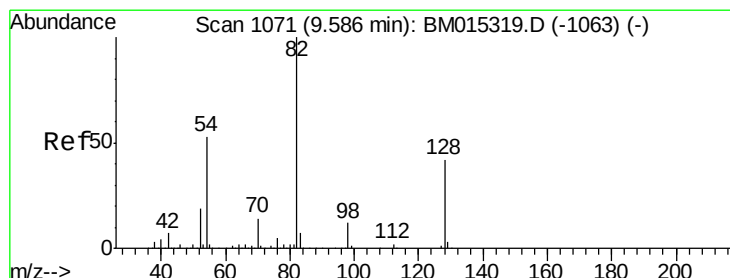
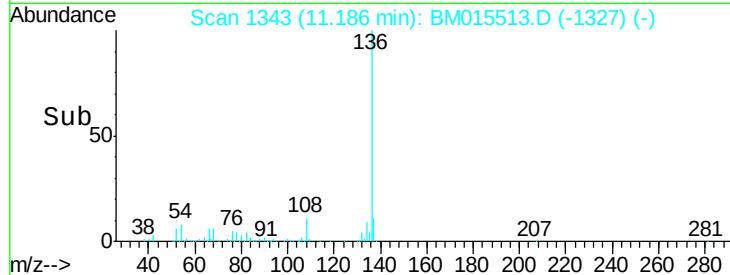
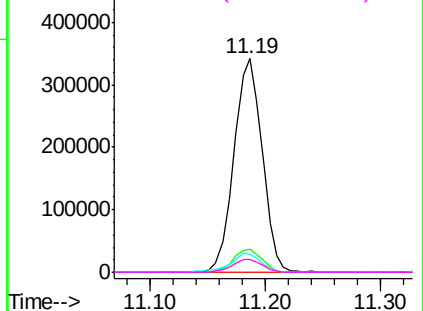
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.19 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM015513.D
Acq: 07 Jun 2018 06:31

Instrument :
BNA_M
ClientSampleId :
A&M-WATER

Tot Ion:136	Resp:	577562
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.7 13.1
54	8.6	4.6 6.8#
68	6.1	3.7 5.5#

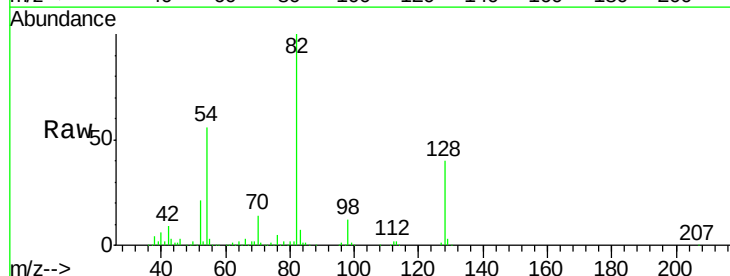


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

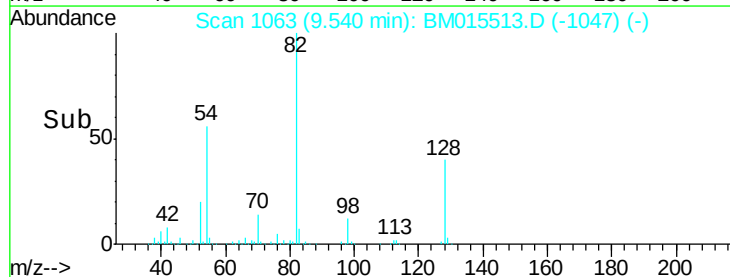
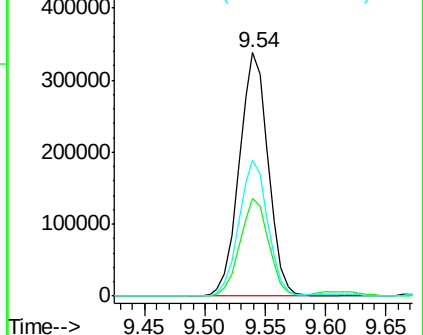


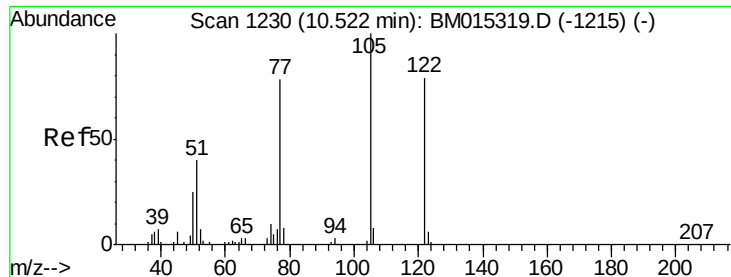
#23
Nitrobenzene-d5
Concen: 52.952 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM015513.D
Acq: 07 Jun 2018 06:31

Tgt Ion: 82	Resp:	562258
Ion	Ratio	Lower Upper
82	100	
128	40.4	32.8 49.2
54	55.8	40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

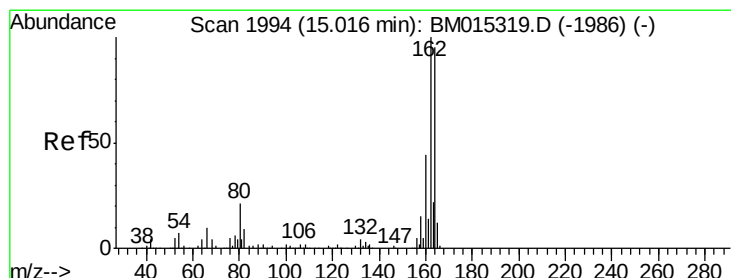
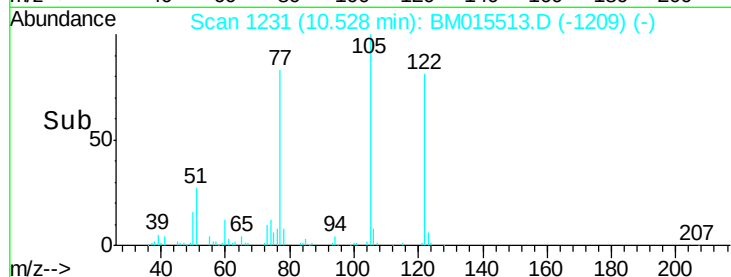
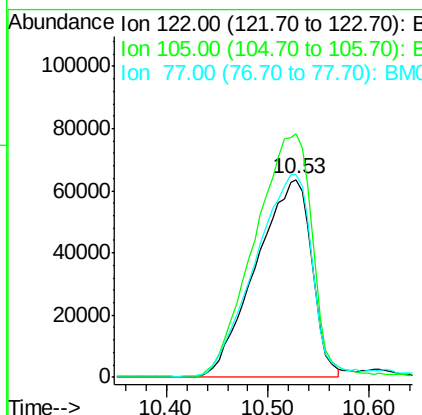
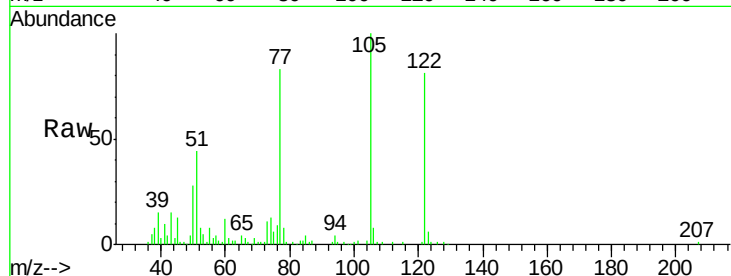




#32
Benzoic acid
Concen: 36.490 ng
RT: 10.53 min Scan# 1231
Delta R.T. 0.03 min
Lab File: BM015513.D
Acq: 07 Jun 2018 06:31

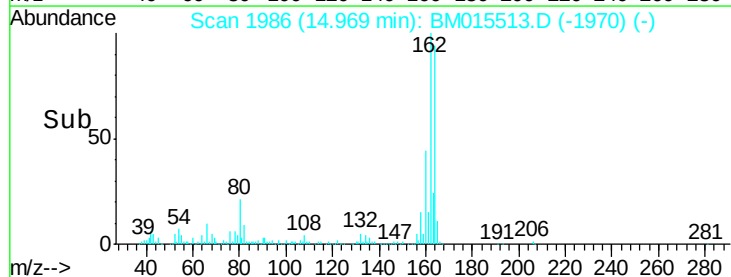
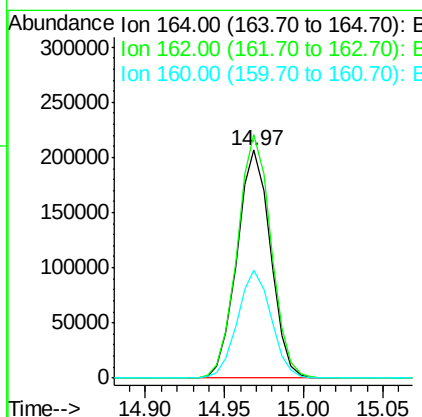
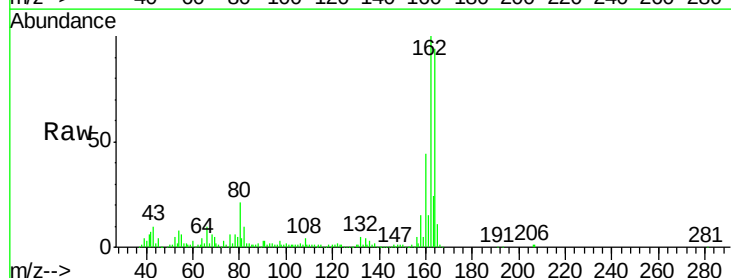
Instrument :
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A&M-WATER

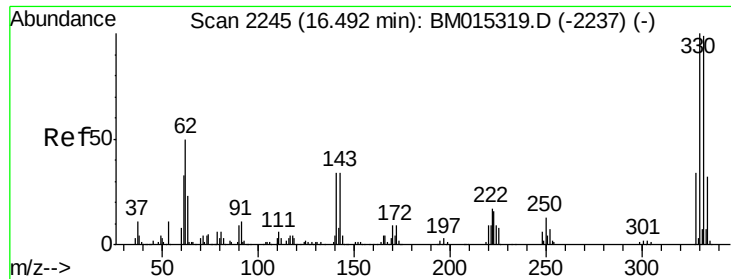
Tot Ion	Ratio	Lower	Upper
122	100		
105	122.9	99.9	139.9
77	102.6	73.7	113.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.97 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM015513.D
Acq: 07 Jun 2018 06:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	82.4	123.6
160	47.3	35.8	53.6

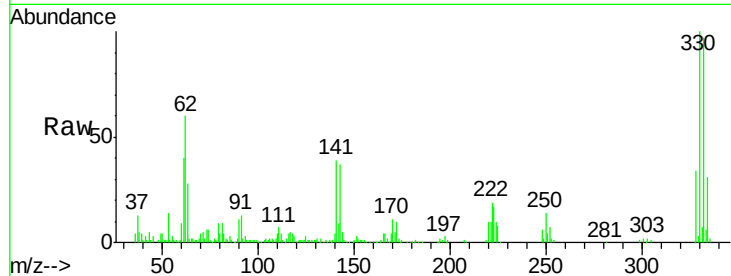




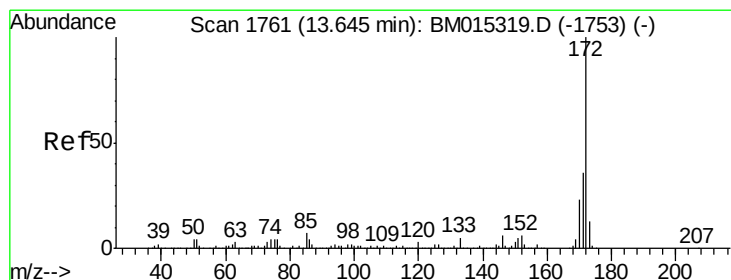
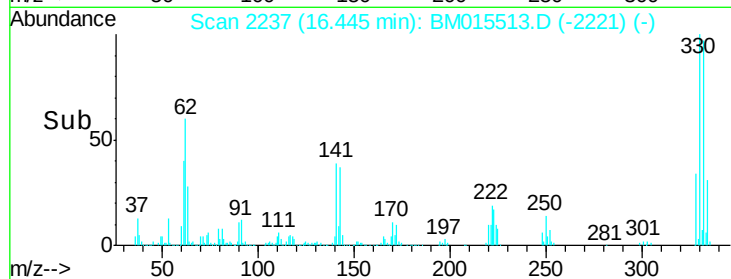
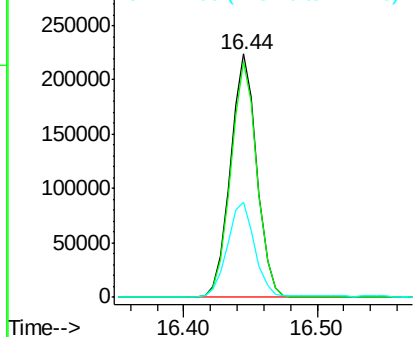
#41
 2,4,6-Tribromophenol
 Concen: 70.934 ng
 RT: 16.44 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BM015513.D
 Acq: 07 Jun 2018 06:31

Instrument :
 BNA_M
 ClientSampleId :
 A&M-WATER

Tot Ion:330 Resp: 308698
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 39.9 0.0 0.0#

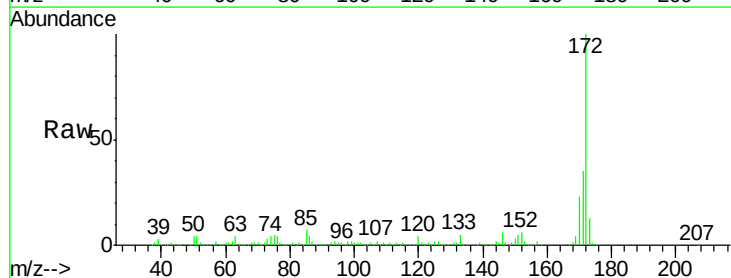


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

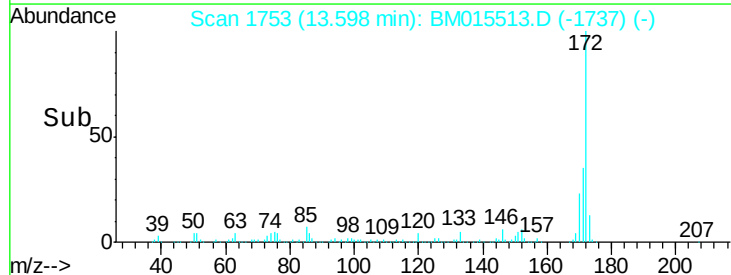
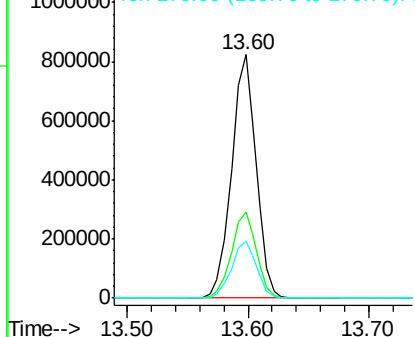


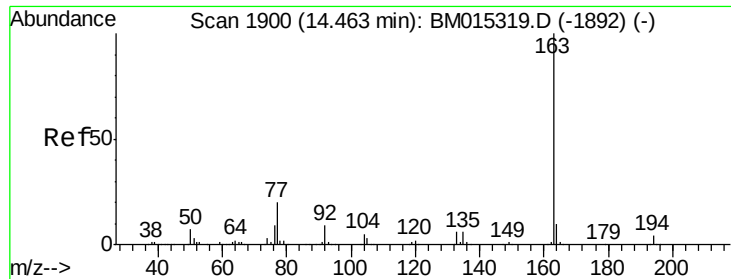
#44
 2-Fluorobiphenyl
 Concen: 51.466 ng
 RT: 13.60 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM015513.D
 Acq: 07 Jun 2018 06:31

Tgt Ion:172 Resp: 1160777
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.3 18.8 28.2



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





#49

Dimethylphthalate

Concen: 4.680 ng

RT: 14.42 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BM015513.D

Acq: 07 Jun 2018 06:31

Instrument :

BNA_M

ClientSampled :

A&M-WATER

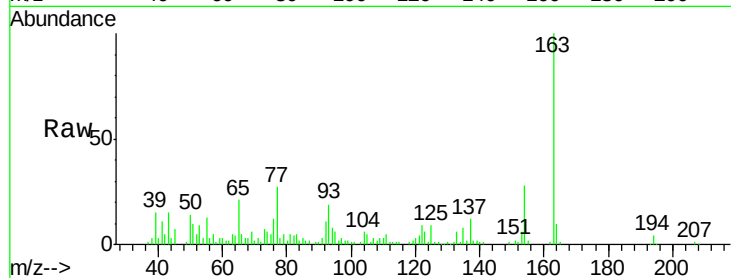
Tot Ion:163 Resp: 121694

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

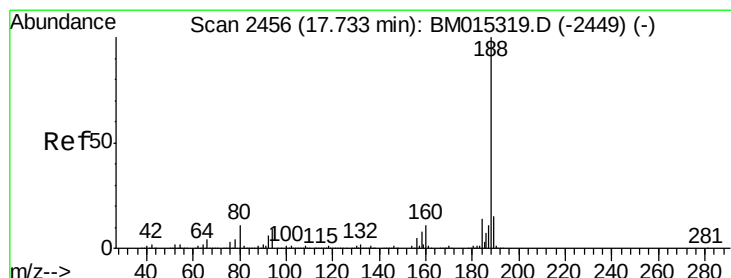
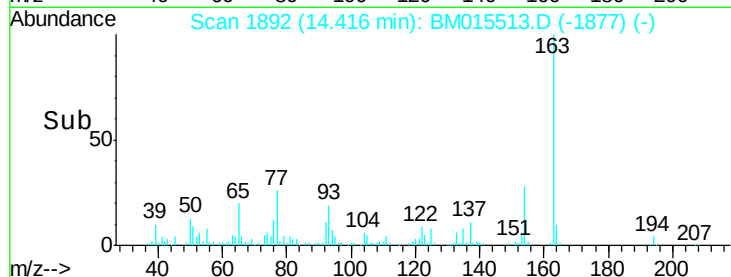
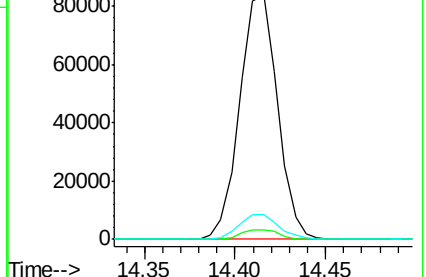
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM015513.D

Acq: 07 Jun 2018 06:31

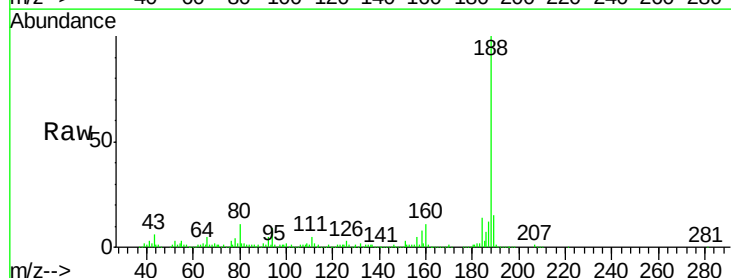
Tgt Ion:188 Resp: 645016

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

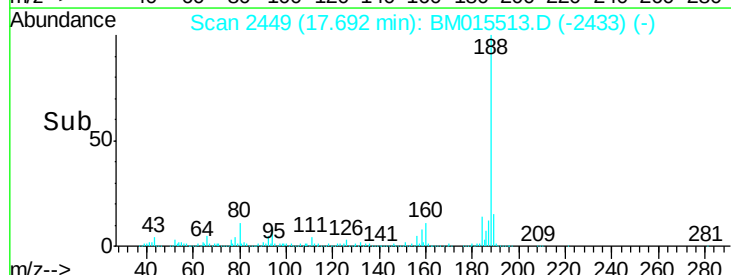
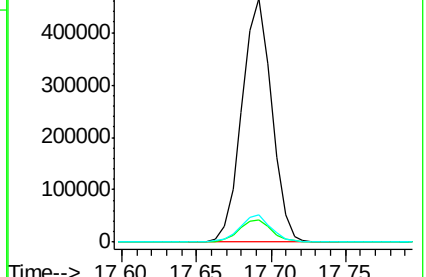
80 11.0 9.3 13.9

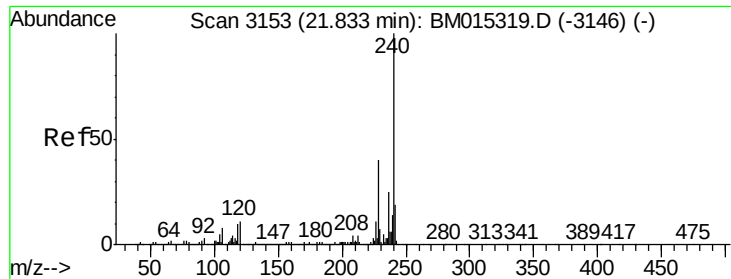


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM015513.D

Acq: 07 Jun 2018 06:31

Instrument :

BNA_M

ClientSampleId :

A&M-WATER

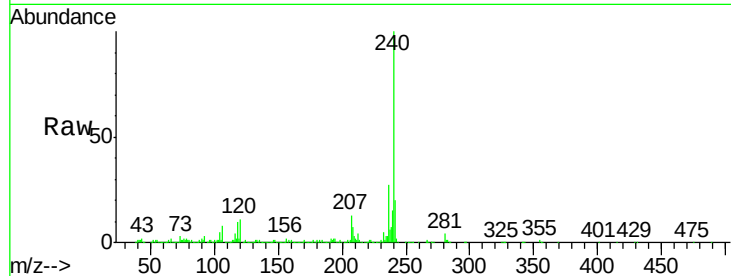
Tot Ion:240 Resp: 655282

Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.2

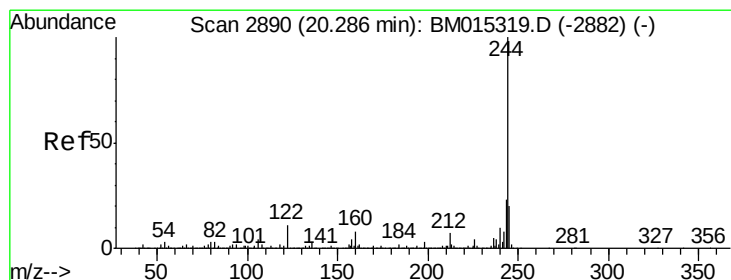
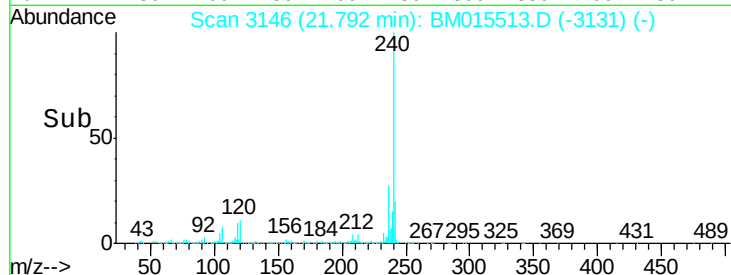
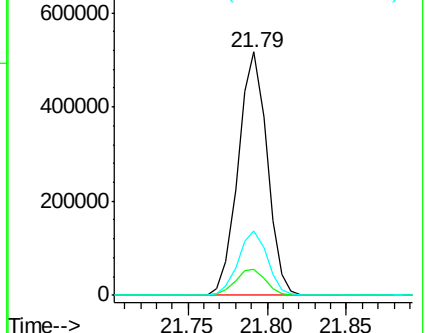
236 26.5 20.0 30.0



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: 58.817 ng

RT: 20.24 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BM015513.D

Acq: 07 Jun 2018 06:31

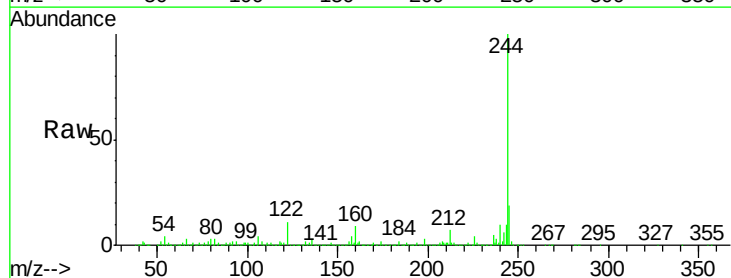
Tgt Ion:244 Resp: 1669782

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

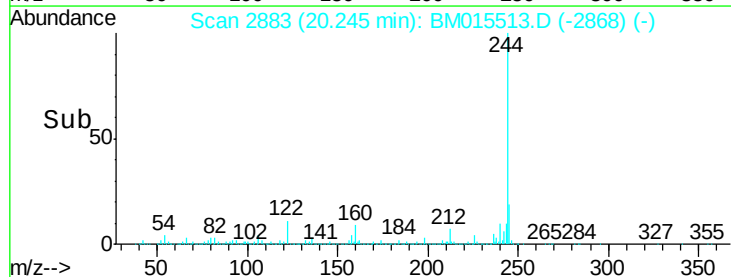
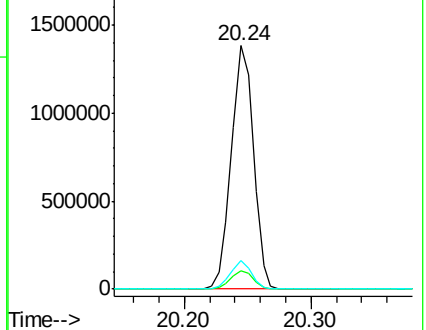
122 11.5 6.2 9.4#

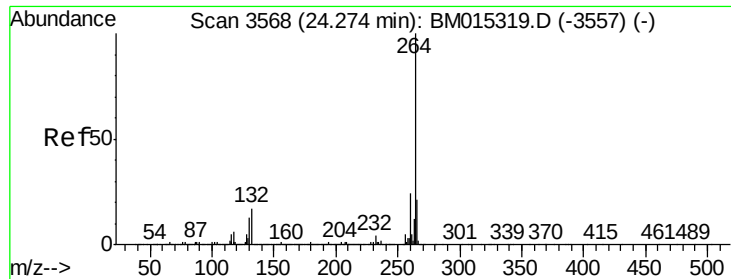


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.21 min Scan# 3557
Delta R.T. -0.02 min
Lab File: BM015513.D
Acq: 07 Jun 2018 06:31

Instrument :
BNA_M
ClientSampleId :
A&M-WATER

Tot Ion: 264 Resp: 646646
Ion Ratio Lower Upper
264 100
260 24.2 18.6 27.8
265 21.4 17.3 25.9

