

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
 Data File : BM009333.D
 Acq On : 23 Mar 2017 00:10
 Operator : SJ/MA
 Sample : I2296-05
 Misc : LOD 8 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Quant Time: Mar 23 16:33:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

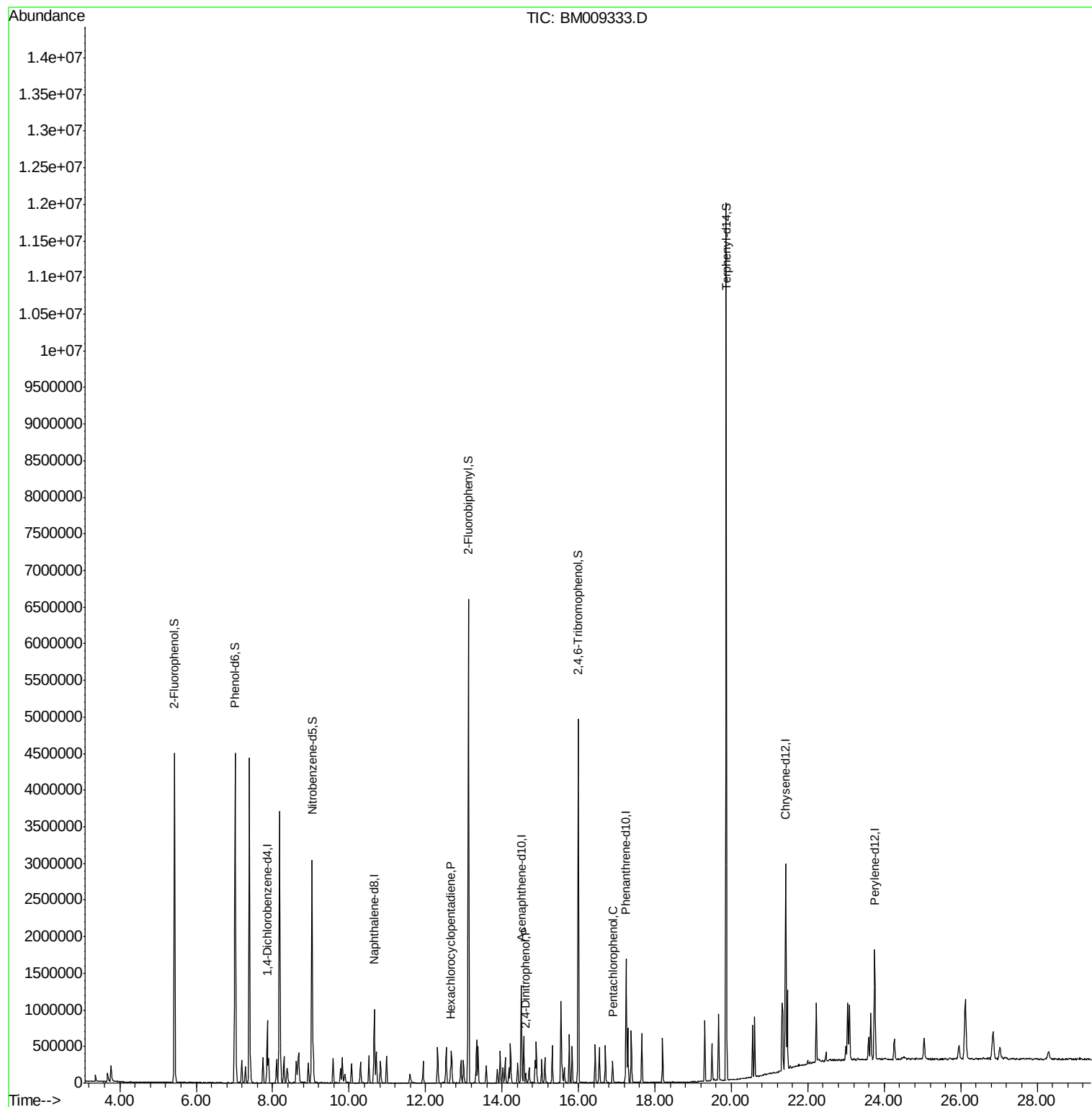
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	186931	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	701312	20.00	ng	0.00
38) Acenaphthene-d10	14.50	164	403972	20.00	ng	0.00
63) Phenanthrene-d10	17.25	188	916571	20.00	ng	0.00
75) Chrysene-d12	21.42	240	1189253	20.00	ng	0.00
86) Perylene-d12	23.75	264	1116481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1534604	136.84	ng	0.00
7) Phenol-d6	7.02	99	2089258	136.61	ng	0.00
23) Nitrobenzene-d5	9.03	82	1691055	90.41	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	720895	143.65	ng	0.00
44) 2-Fluorobiphenyl	13.12	172	3030069	90.38	ng	0.00
78) Terphenyl-d14	19.87	244	4607473	80.96	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.66	237	59922	6.85	ng	95
53) 2,4-Dinitrophenol	14.62	184	24221	10.47	ng	96
69) Pentachlorophenol	16.89	266	46666	6.56	ng	89

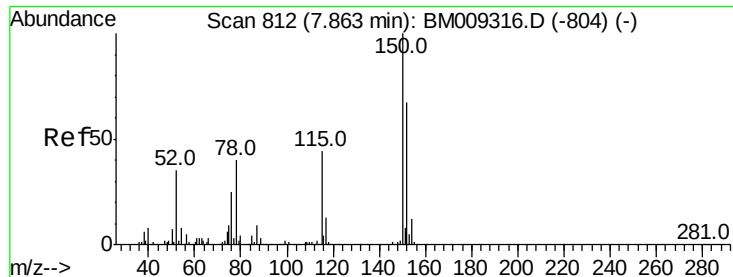
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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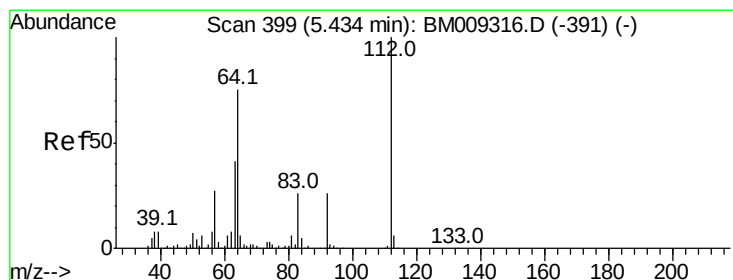
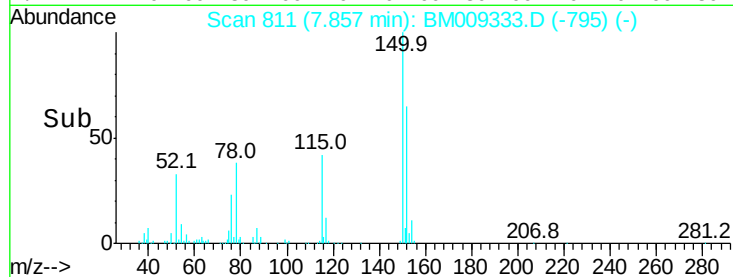
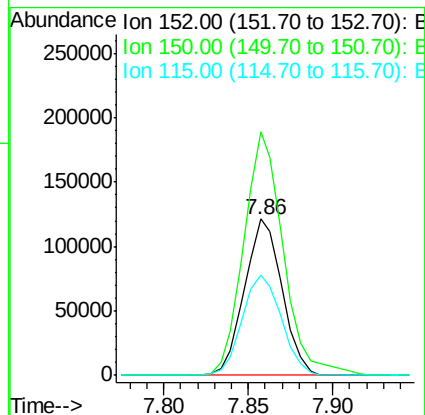
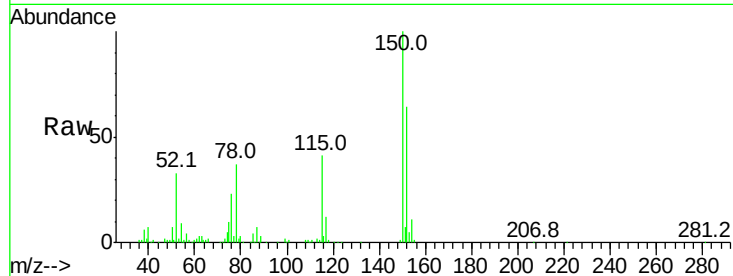


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BM009333.D
Acq: 23 Mar 2017 00:10

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

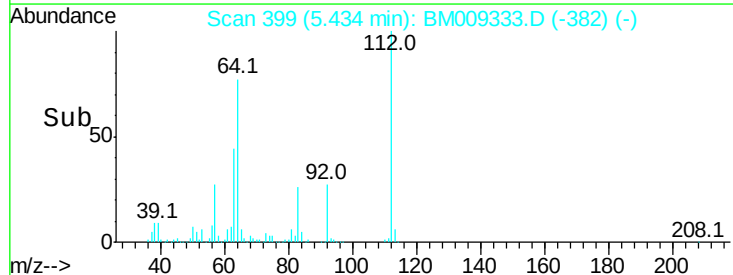
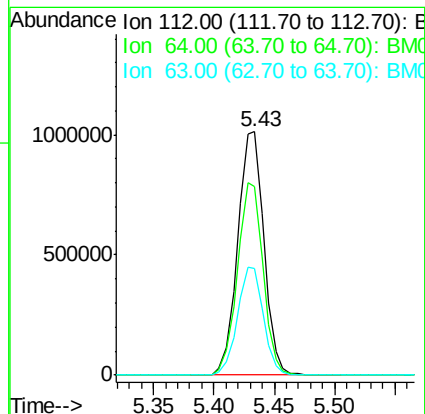
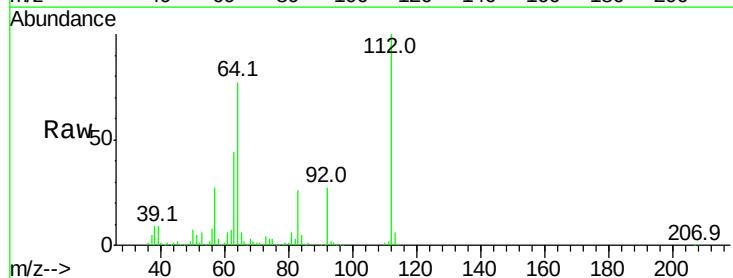
Tot Ion:152 Resp: 186931
Ion Ratio Lower Upper
152 100
150 156.0 119.5 179.3
115 64.6 43.0 64.4#

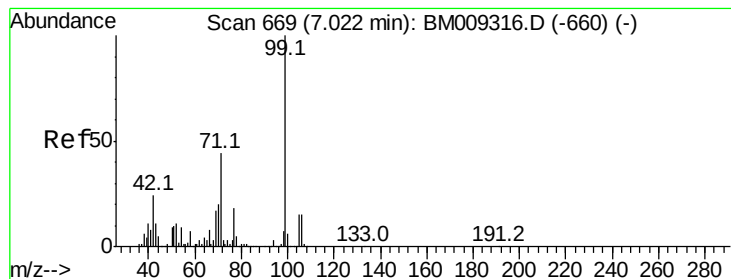


#5

2-Fluorophenol
Concen: 136.84 ng
RT: 5.43 min Scan# 399
Delta R.T. 0.00 min
Lab File: BM009333.D
Acq: 23 Mar 2017 00:10

Tgt Ion:112 Resp: 1534604
Ion Ratio Lower Upper
112 100
64 77.3 38.6 57.8#
63 43.9 19.3 28.9#





#7

Phenol-d6

Concen: 136.61 ng

RT: 7.02 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM009333.D

Acq: 23 Mar 2017 00:10

Instrument :

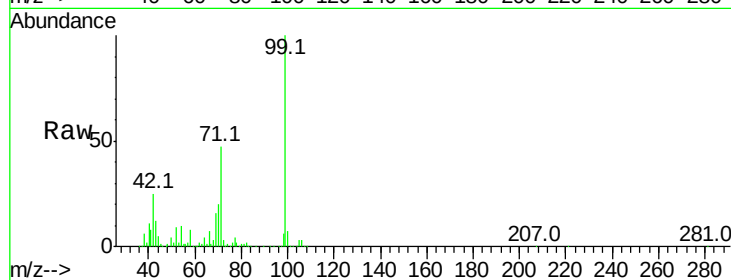
BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

Tot Ion: 99 Resp: 2089258

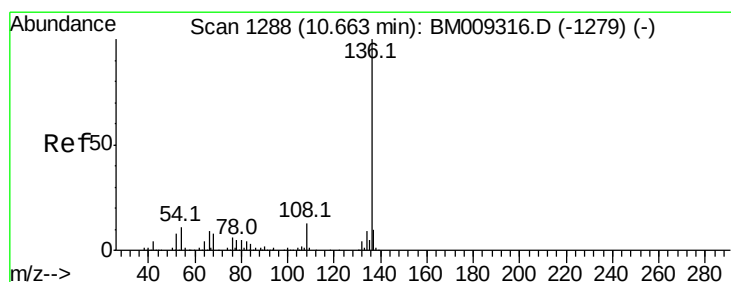
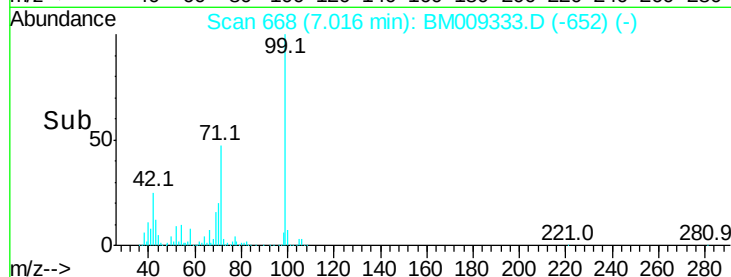
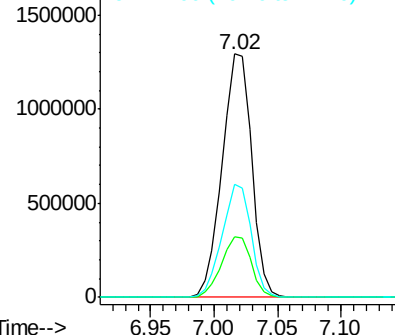
Ion	Ratio	Lower	Upper
99	100		
42	25.0	11.0	16.4#
71	46.5	23.4	35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.66 min Scan# 1287

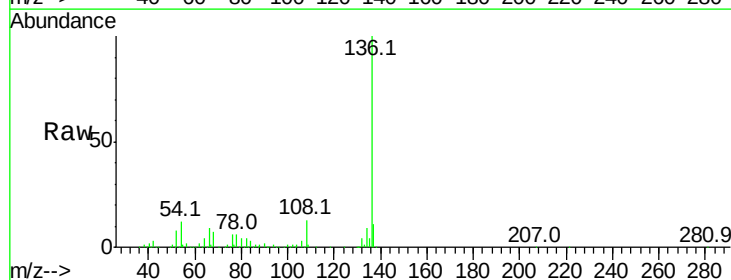
Delta R.T. -0.01 min

Lab File: BM009333.D

Acq: 23 Mar 2017 00:10

Tgt Ion: 136 Resp: 701312

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.6	4.6	6.8#
68	7.3	3.7	5.5#

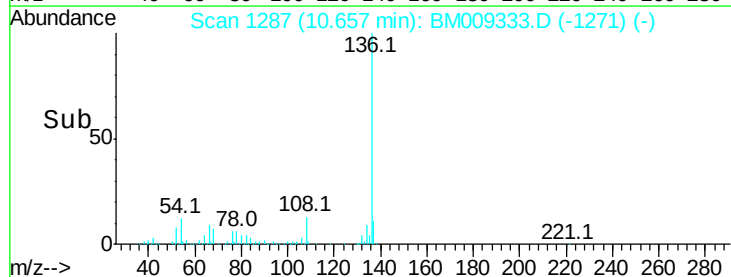
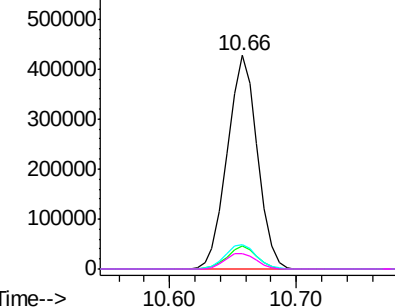


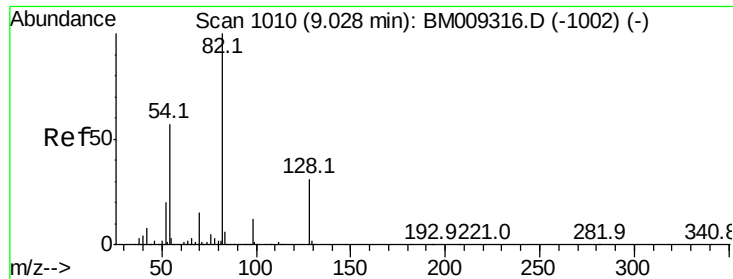
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 90.41 ng

RT: 9.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BM009333.D

Acq: 23 Mar 2017 00:10

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

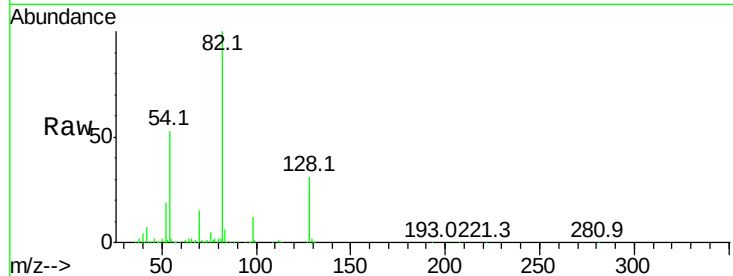
Tot Ion: 82 Resp: 1691055

Ion Ratio Lower Upper

82 100

128 31.3 32.8 49.2#

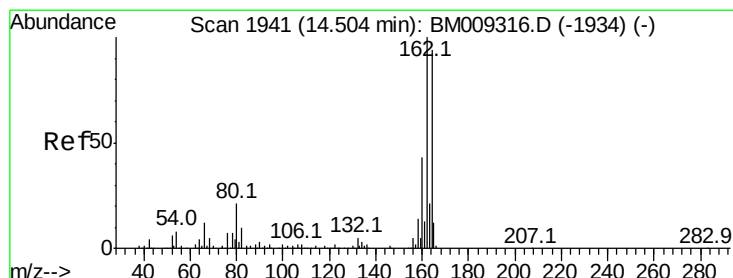
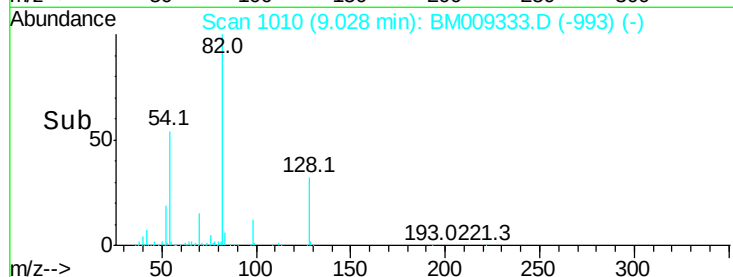
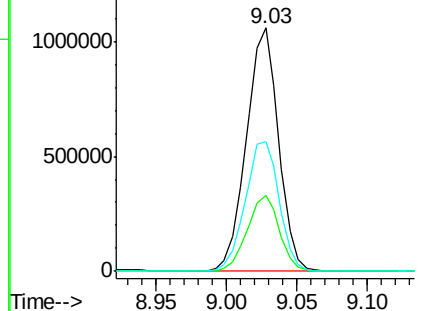
54 53.3 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM009333.D (-993) (-)

Ion 128.00 (127.70 to 128.70): BM009333.D (-993) (-)

Ion 54.00 (53.70 to 54.70): BM009333.D (-993) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.50 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM009333.D

Acq: 23 Mar 2017 00:10

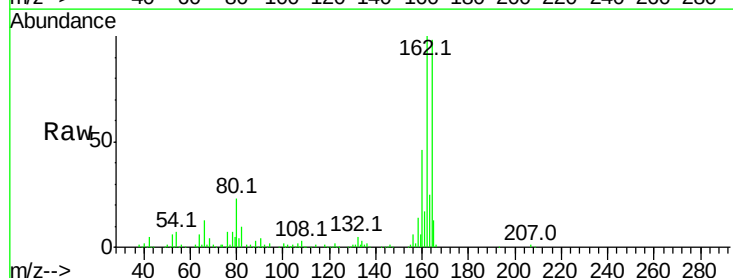
Tgt Ion: 164 Resp: 403972

Ion Ratio Lower Upper

164 100

162 101.6 82.4 123.6

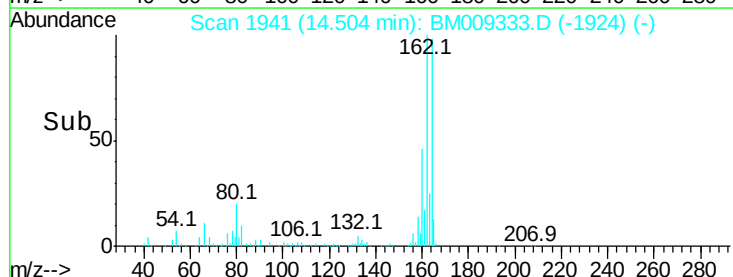
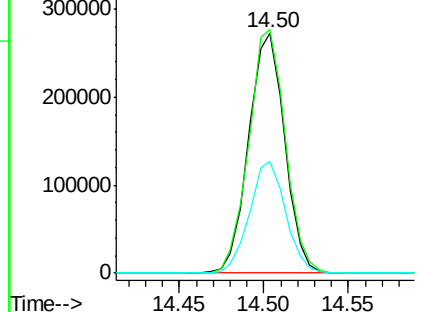
160 46.5 35.8 53.6

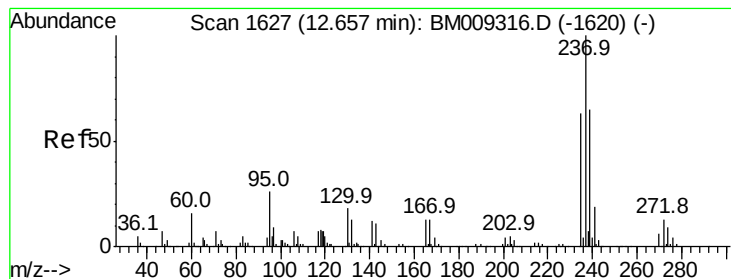


Abundance Ion 164.00 (163.70 to 164.70): BM009333.D (-1924) (-)

Ion 162.00 (161.70 to 162.70): BM009333.D (-1924) (-)

Ion 160.00 (159.70 to 160.70): BM009333.D (-1924) (-)





#40

Hexachlorocyclopentadiene

Concen: 6.85 ng

RT: 12.66 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BM009333.D

Acq: 23 Mar 2017 00:10

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

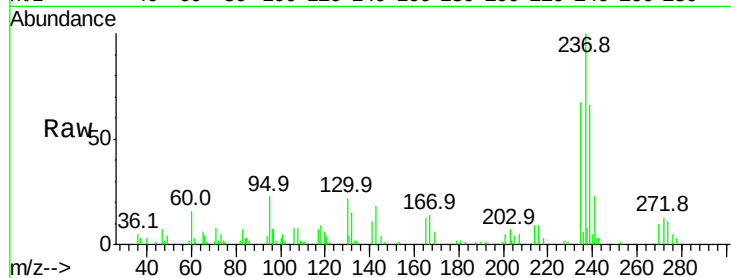
Tot Ion:237 Resp: 59922

Ion Ratio Lower Upper

237 100

235 67.0 42.0 82.0

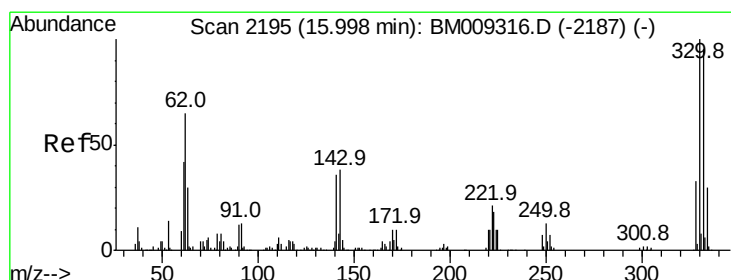
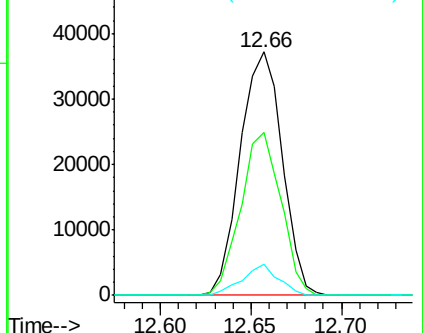
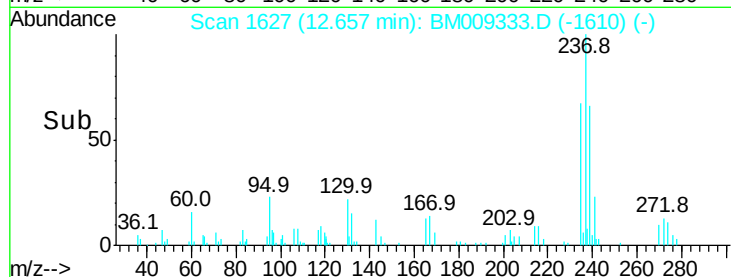
272 13.0 0.0 33.4



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: 143.65 ng

RT: 15.99 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BM009333.D

Acq: 23 Mar 2017 00:10

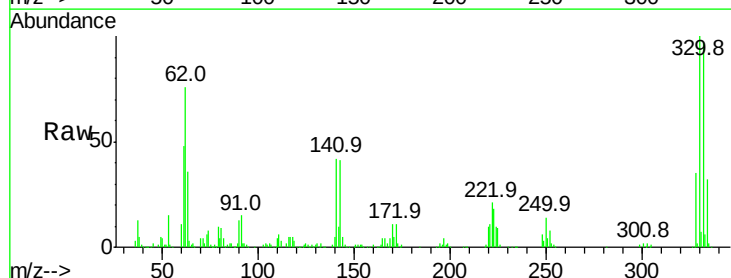
Tgt Ion:330 Resp: 720895

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

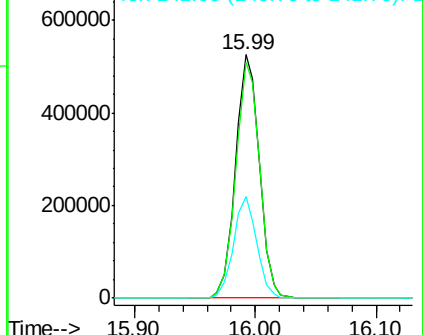
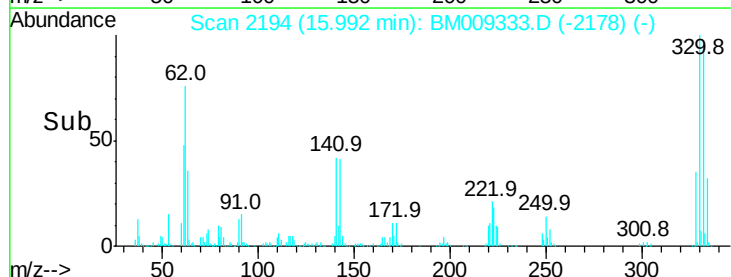
141 40.8 0.0 0.0#

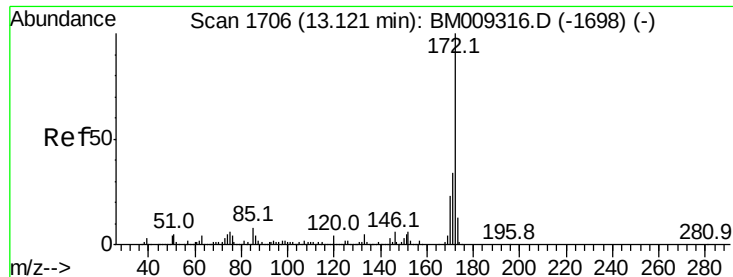


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

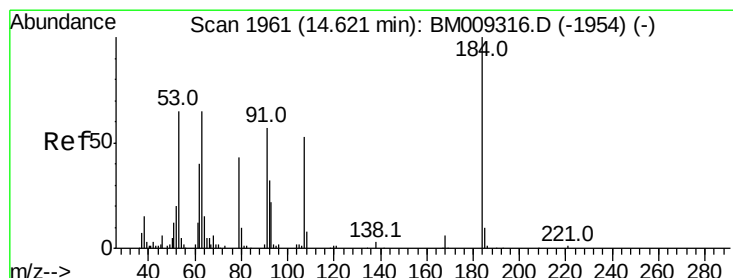
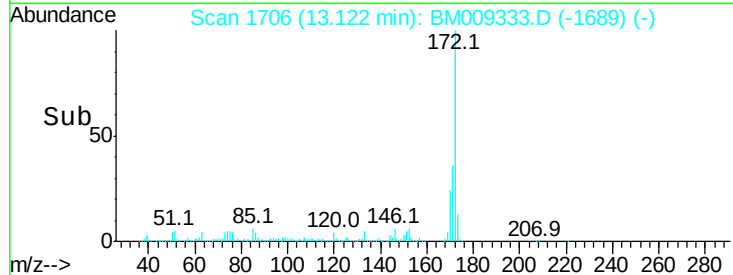
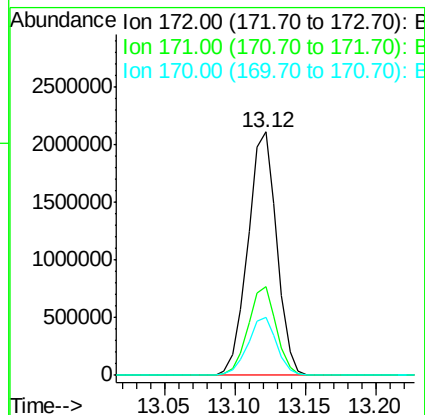
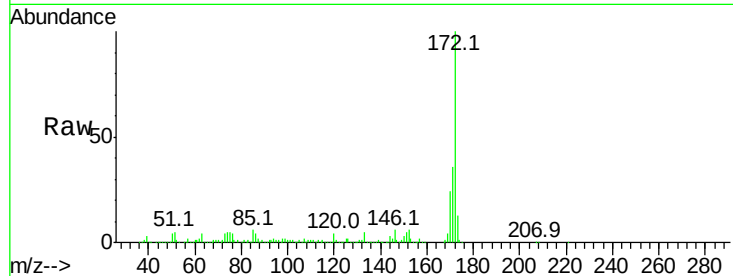




#44
2-Fluorobiphenyl
Concen: 90.38 ng
RT: 13.12 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM009333.D
Acq: 23 Mar 2017 00:10

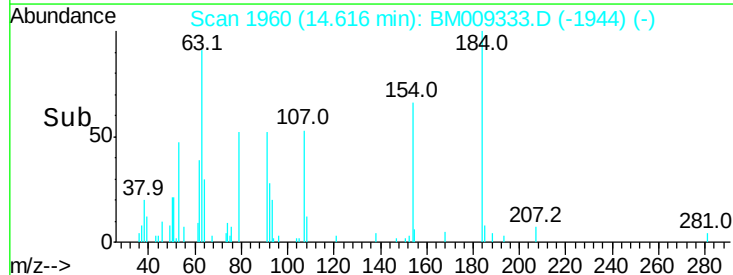
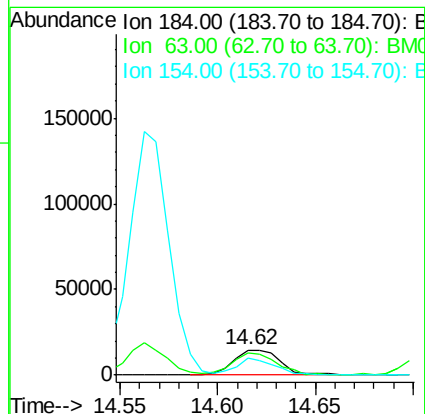
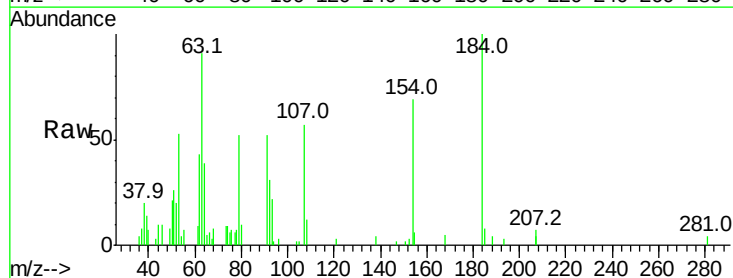
Instrument :
BNA_M
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LOD-WATER-05-QT2-2017

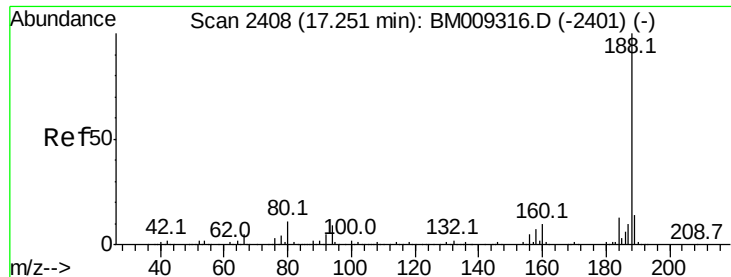
Tot Ion:172 Resp: 3030069
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.9 18.8 28.2



#53
2,4-Dinitrophenol
Concen: 10.47 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009333.D
Acq: 23 Mar 2017 00:10

Tgt Ion:184 Resp: 24221
Ion Ratio Lower Upper
184 100
63 91.0 69.2 103.8
154 68.7 53.3 79.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.25 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BM009333.D

Acq: 23 Mar 2017 00:10

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

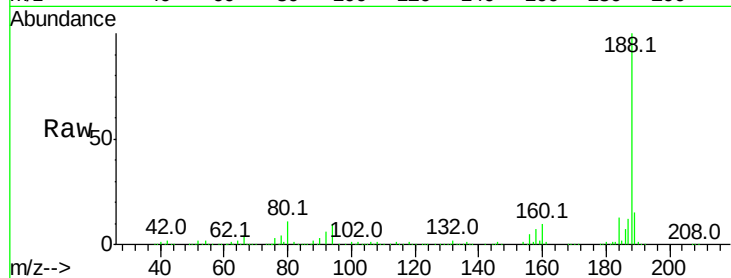
Tot Ion:188 Resp: 916571

Ion Ratio Lower Upper

188 100

94 9.6 8.7 13.1

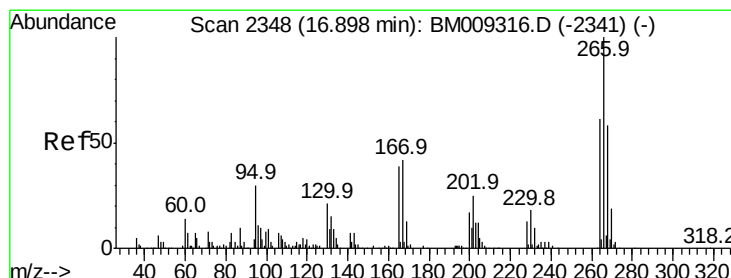
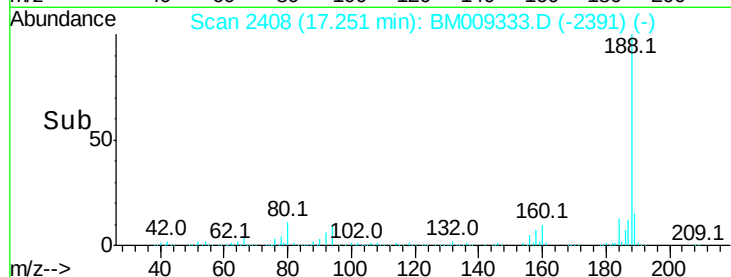
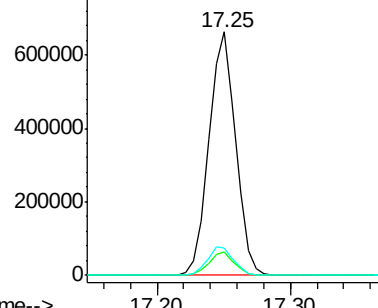
80 11.0 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#69

Pentachlorophenol

Concen: 6.56 ng

RT: 16.89 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BM009333.D

Acq: 23 Mar 2017 00:10

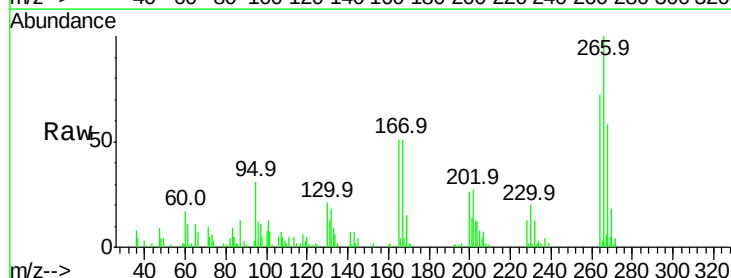
Tgt Ion:266 Resp: 46666

Ion Ratio Lower Upper

266 100

268 58.5 52.0 78.0

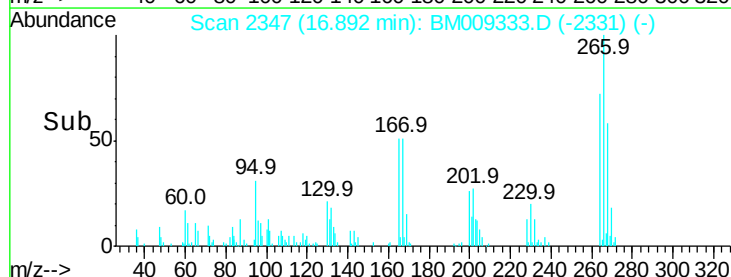
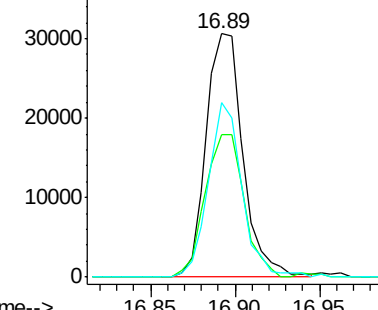
264 71.6 49.0 73.4

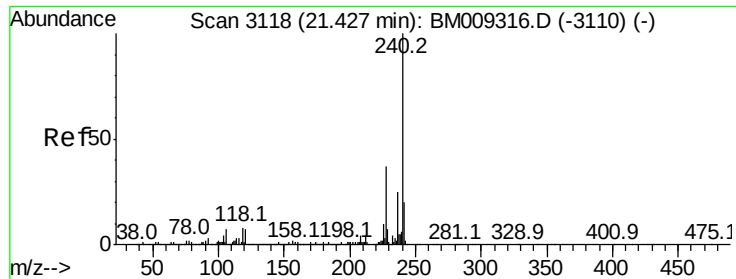


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009333.D

Acq: 23 Mar 2017 00:10

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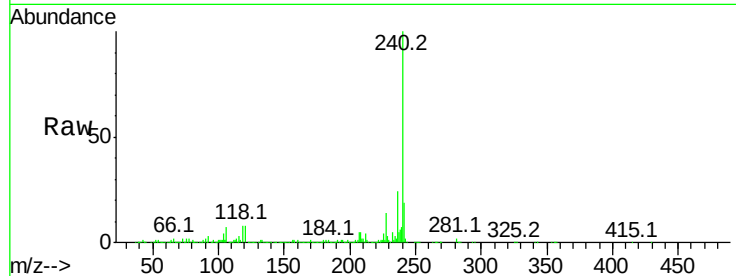
Tot Ion:240 Resp: 1189253

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2

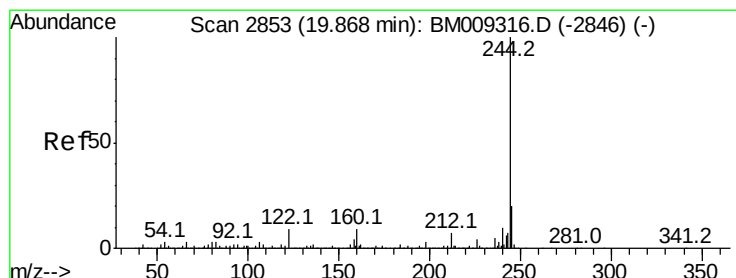
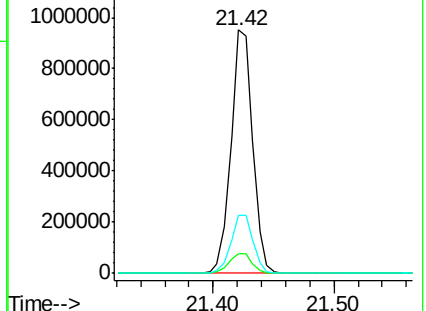
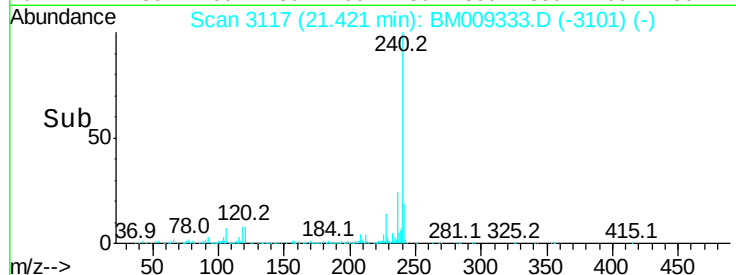
236 23.8 20.0 30.0



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: 80.96 ng

RT: 19.87 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM009333.D

Acq: 23 Mar 2017 00:10

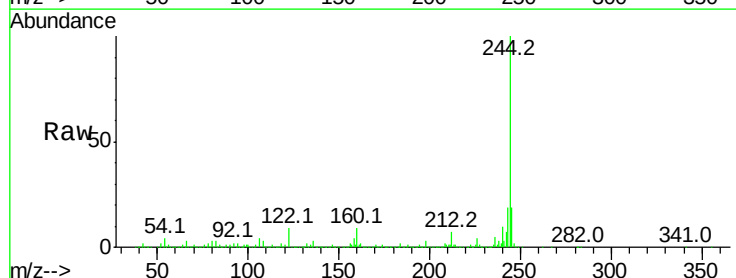
Tgt Ion:244 Resp: 4607473

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

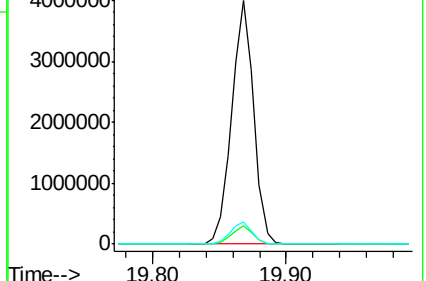
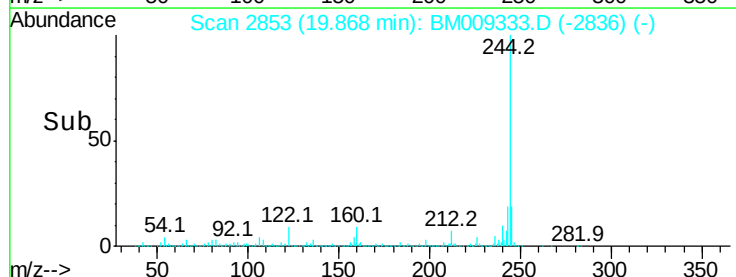
122 9.1 6.2 9.4

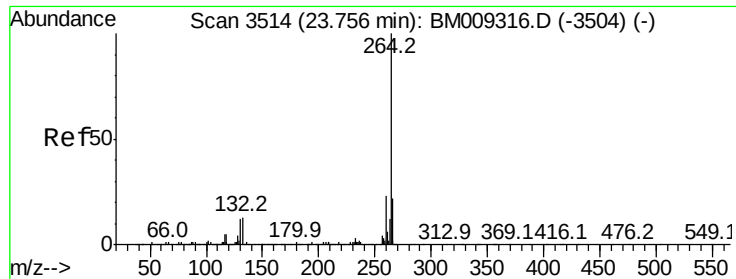


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



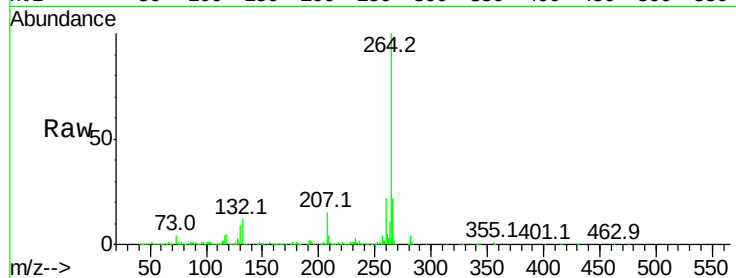


#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.75 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM009333.D
Acq: 23 Mar 2017 00:10

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

Tot Ion:264 Resp: 1116481

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	27.8
265	21.6	17.3	25.9



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

