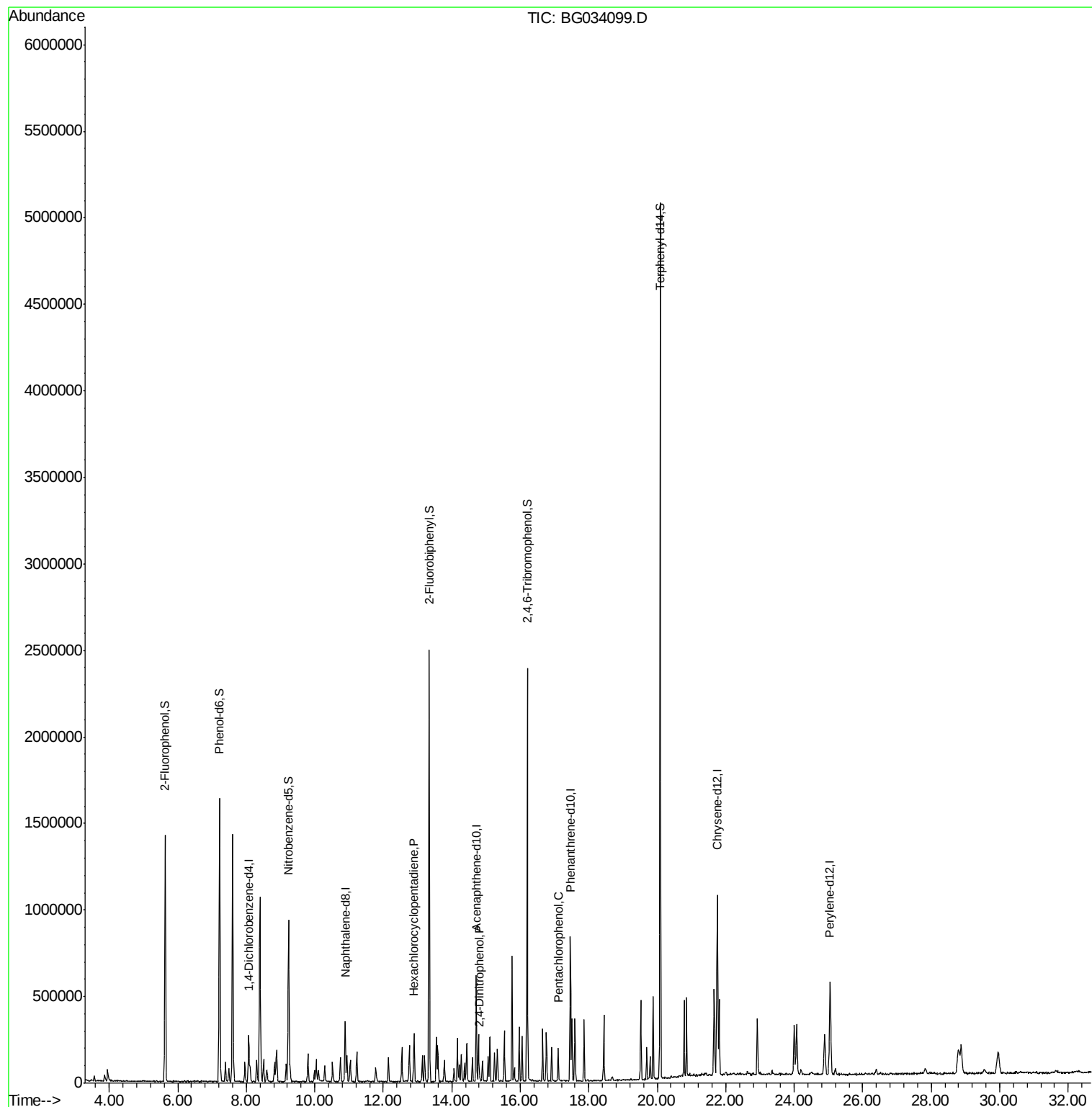
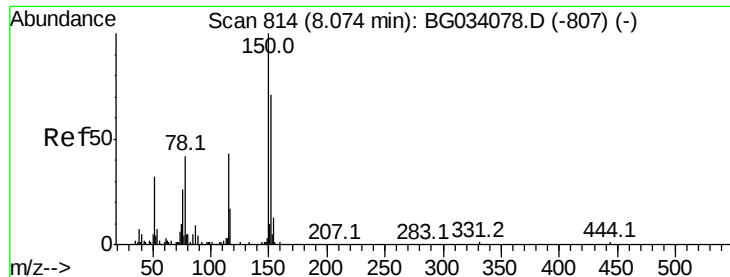


Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034099.D
Acq On : 2 May 2018 4:08
Operator : SJ/JU
Sample : J2133-07
Misc : 8PPM LOD
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: May 02 07:57:55 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 815

Delta R.T. 0.00 min

Lab File: BG034099.D

Acq: 2 May 2018 4:08

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

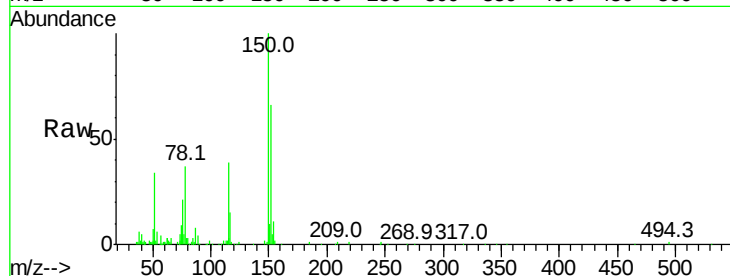
Tot Ion:152 Resp: 63076

Ion Ratio Lower Upper

152 100

150 151.8 126.6 189.8

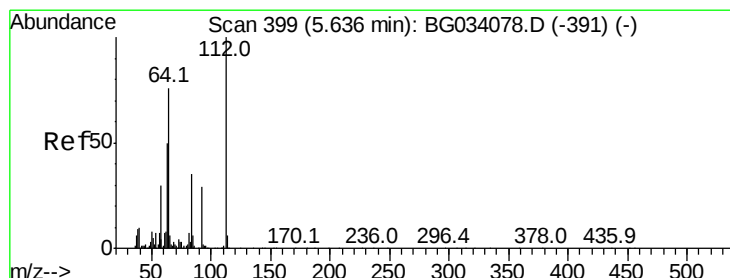
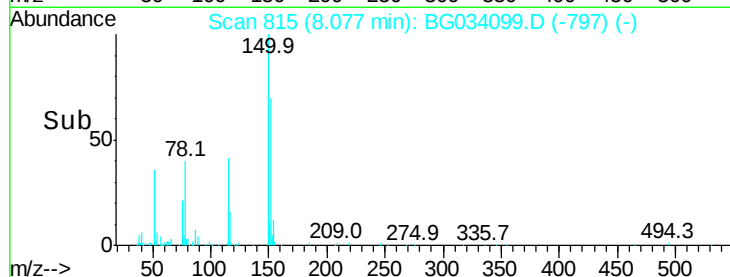
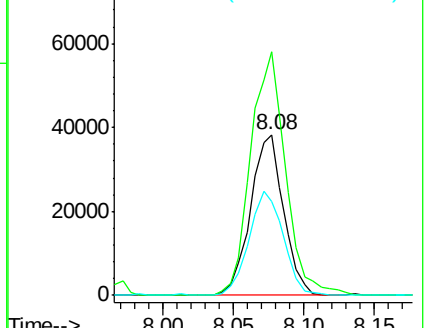
115 58.7 53.0 79.4



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: 132.871 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG034099.D

Acq: 2 May 2018 4:08

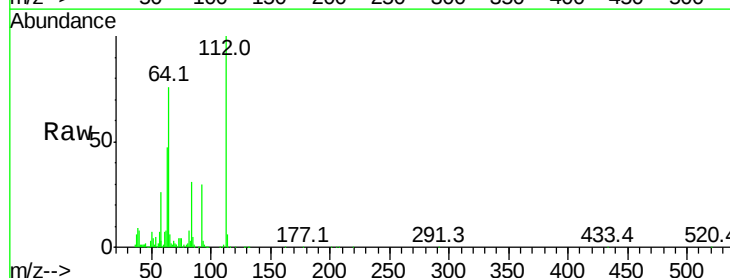
Tgt Ion:112 Resp: 518745

Ion Ratio Lower Upper

112 100

64 75.5 56.3 84.5

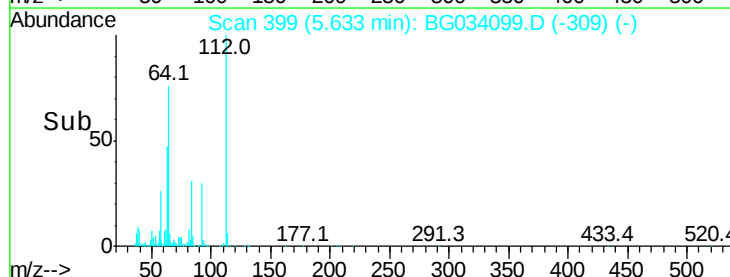
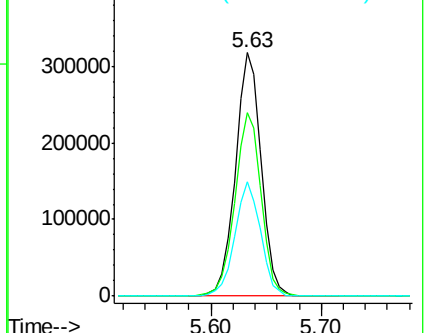
63 47.2 30.1 45.1#

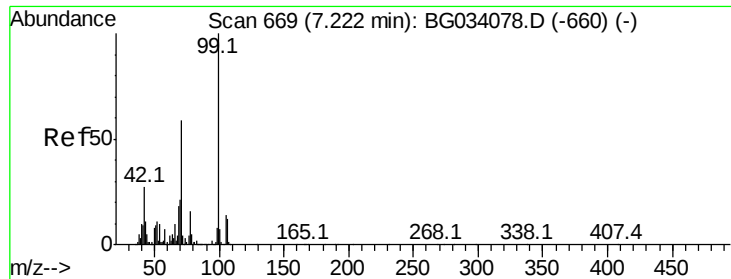


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 125.041 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034099.D

Acq: 2 May 2018 4:08

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

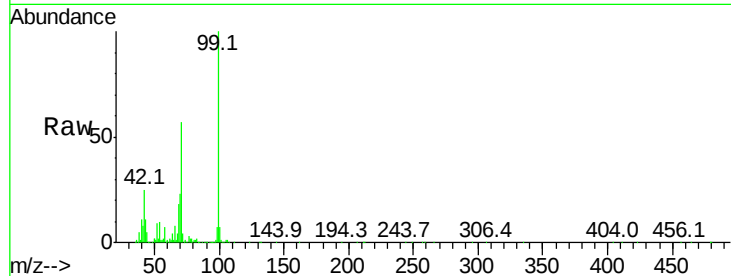
Tot Ion: 99 Resp: 759996

Ion Ratio Lower Upper

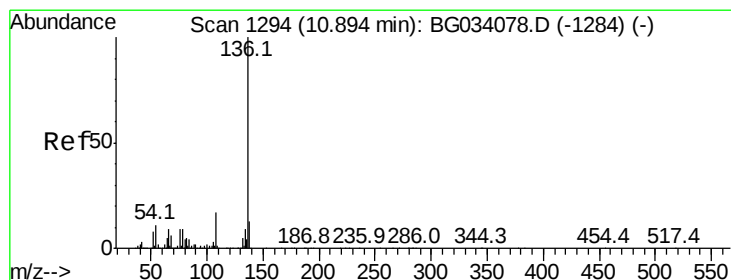
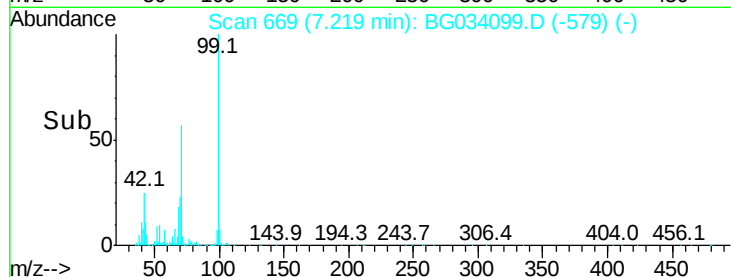
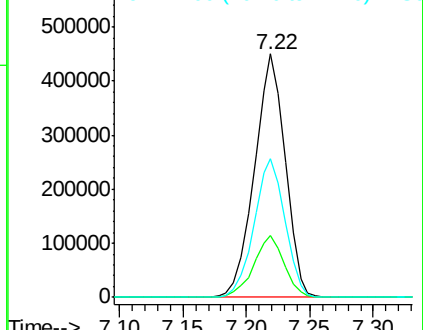
99 100

42 25.3 14.1 21.1#

71 56.7 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG034099.D

Acq: 2 May 2018 4:08

Tgt Ion: 136 Resp: 252373

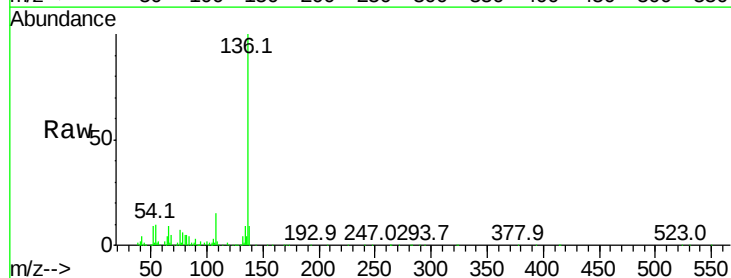
Ion Ratio Lower Upper

136 100

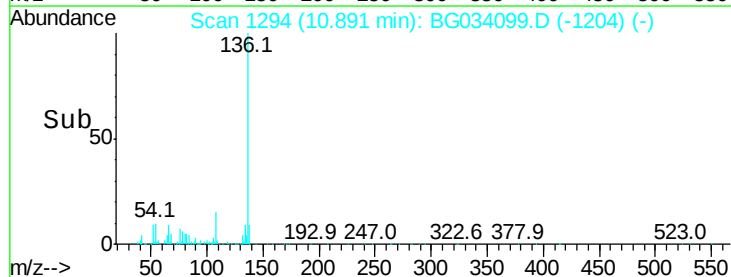
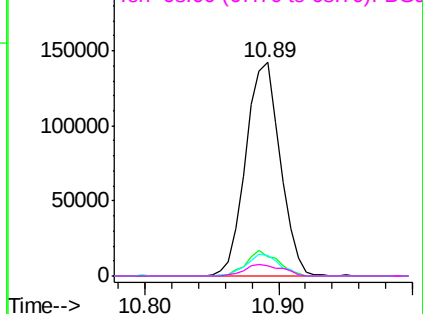
137 9.3 9.2 13.8

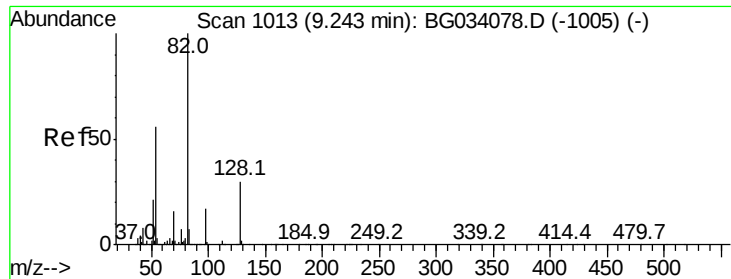
54 9.7 10.3 15.5#

68 4.6 4.5 6.7



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

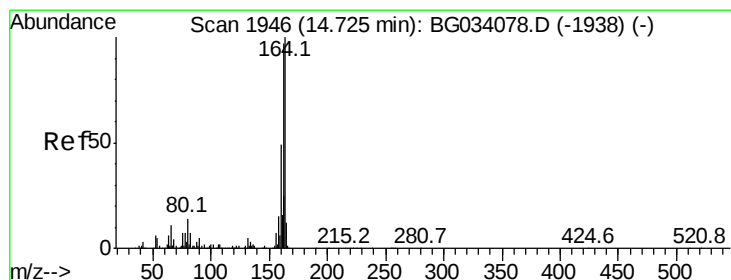
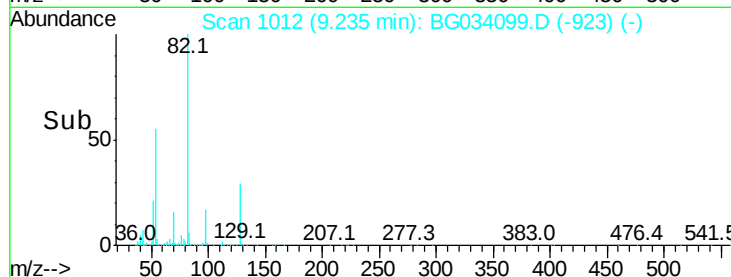
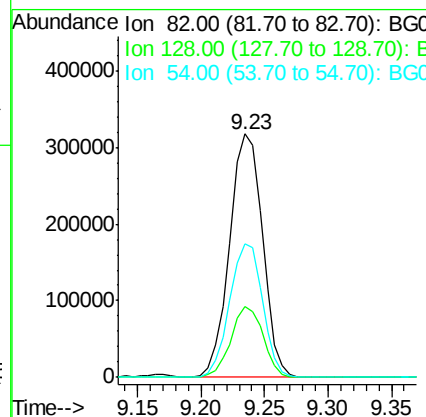
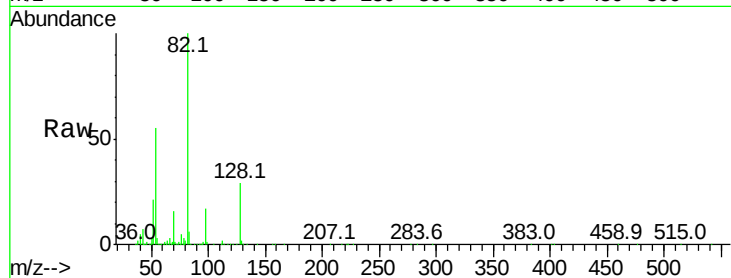




#23
Nitrobenzene-d5
Concen: 86.807 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034099.D
Acq: 2 May 2018 4:08

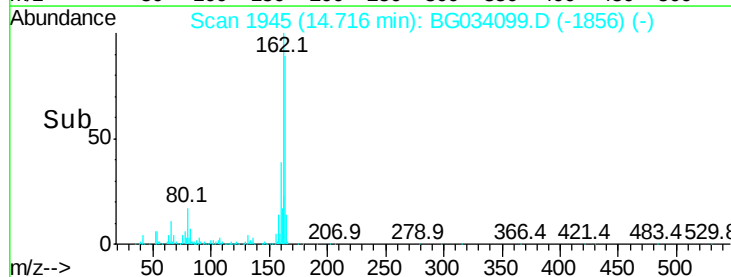
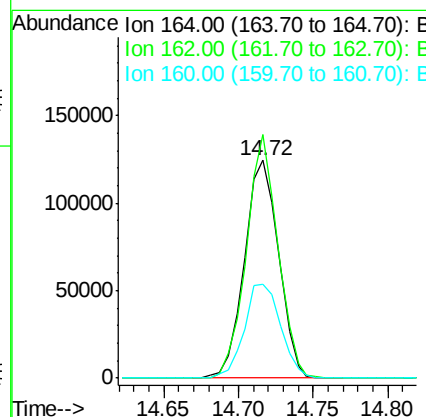
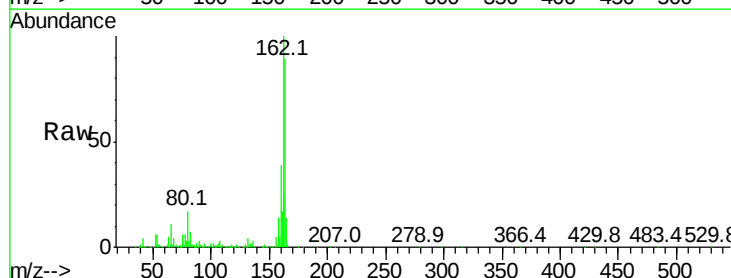
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

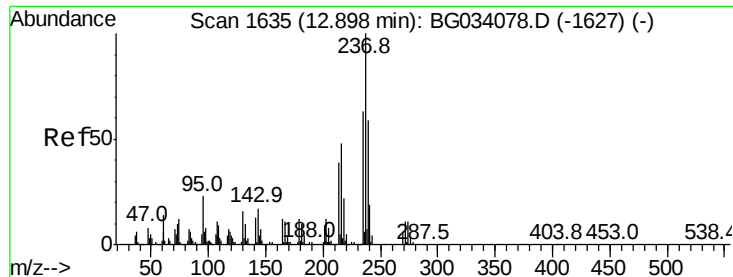
Tot Ion	82	Resp	570990
Ion Ratio	100	Lower	Upper
128	29.1	29.7	44.5#
54	55.1	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG034099.D
Acq: 2 May 2018 4:08

Tgt Ion	164	Resp	196923
Ion Ratio	100	Lower	Upper
162	111.7	78.8	118.2
160	43.3	35.4	53.0





#40

Hexachlorocyclopentadiene

Concen: 7.647 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG034099.D

Acq: 2 May 2018 4:08

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

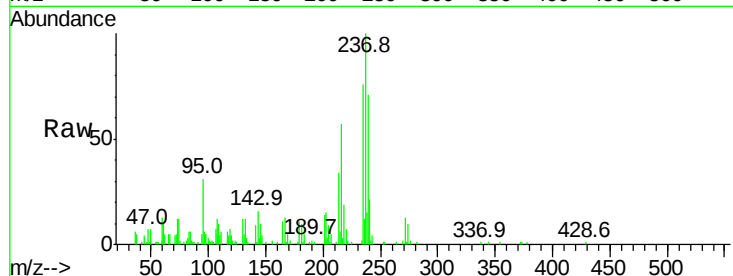
Tot Ion:237 Resp: 34529

Ion Ratio Lower Upper

237 100

235 76.2 50.4 90.4

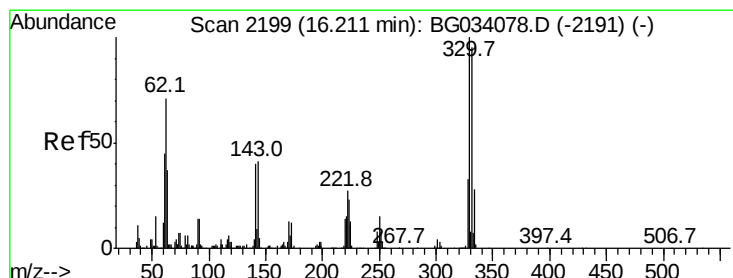
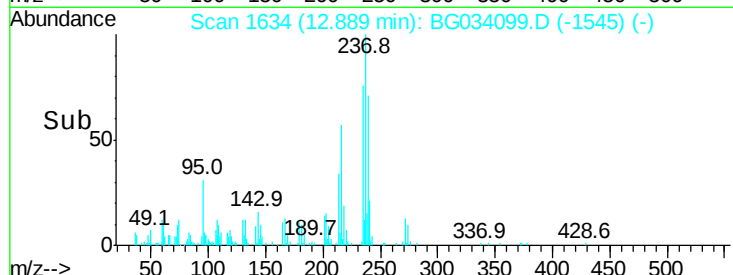
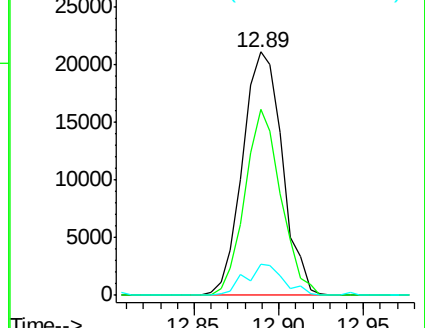
272 12.5 0.0 31.8



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: 132.911 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG034099.D

Acq: 2 May 2018 4:08

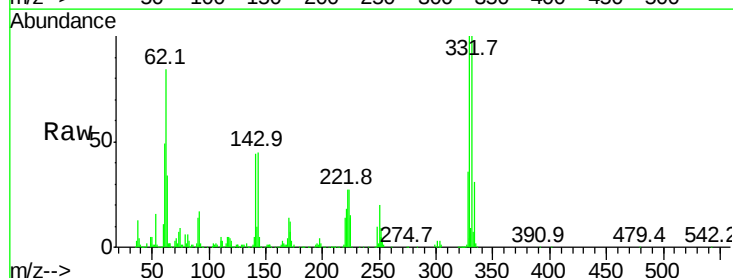
Tgt Ion:330 Resp: 362422

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

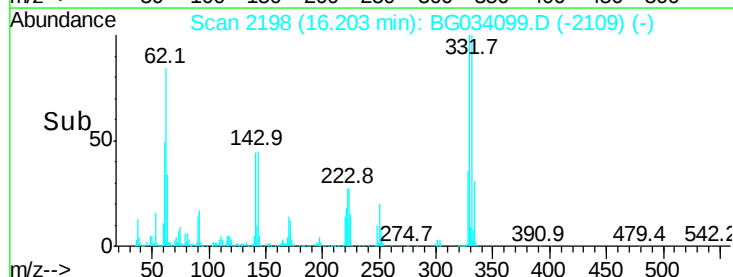
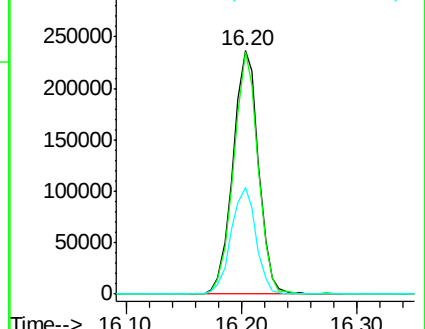
141 43.0 25.2 37.8#

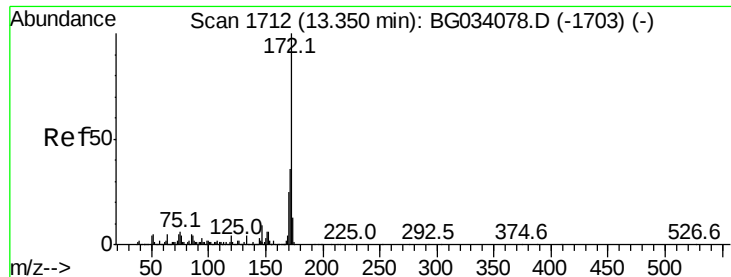


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



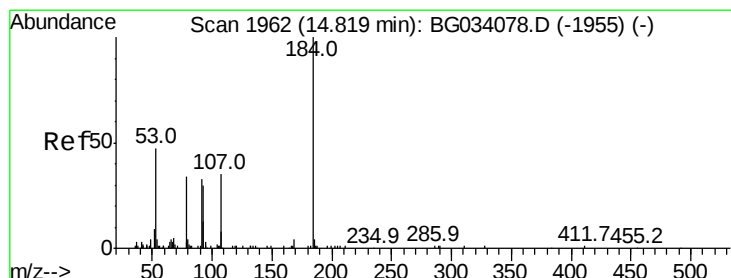
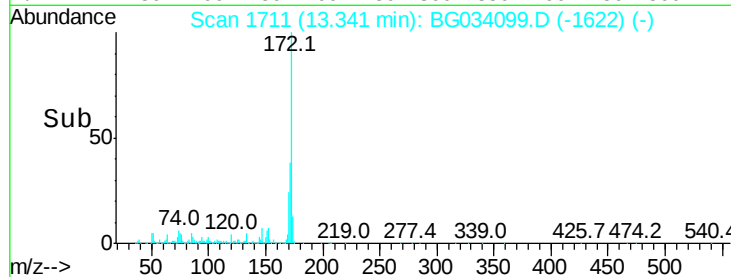
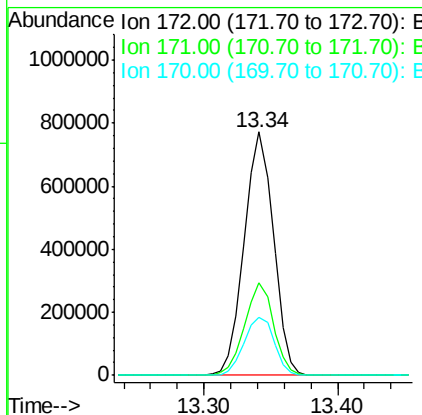
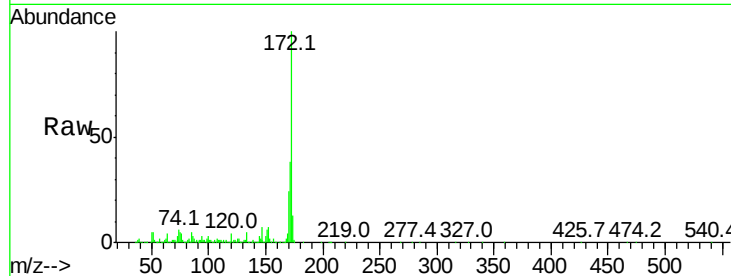


#44
 2-Fluorobiphenyl
 Concen: 86.333 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034099.D
 Acq: 2 May 2018 4:08

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

Tot Ion:172 Resp: 1166726

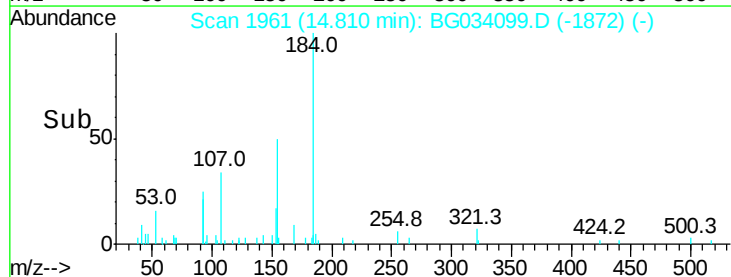
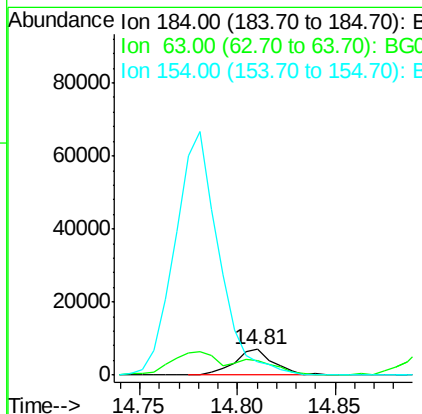
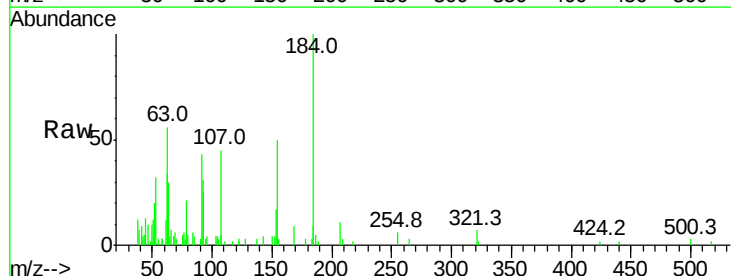
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.7	19.5	29.3

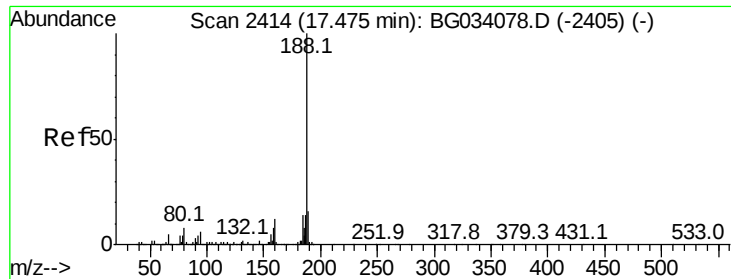


#53
 2,4-Dinitrophenol
 Concen: 7.687 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG034099.D
 Acq: 2 May 2018 4:08

Tgt Ion:184 Resp: 9863

Ion	Ratio	Lower	Upper
184	100		
63	55.8	59.8	89.8#
154	50.4	101.8	152.8#

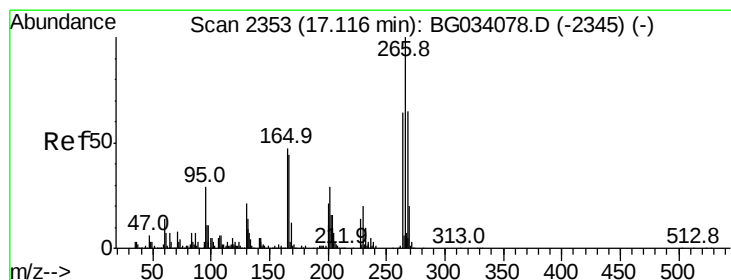
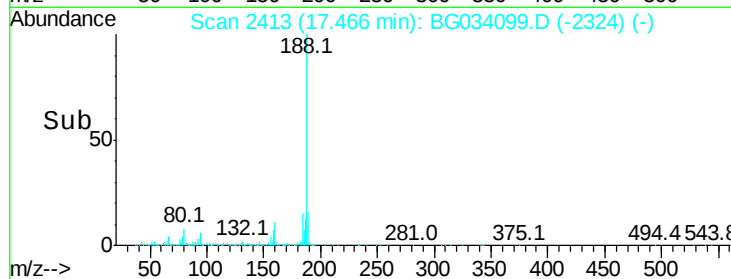
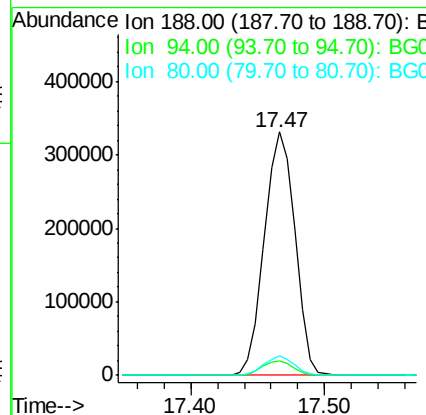
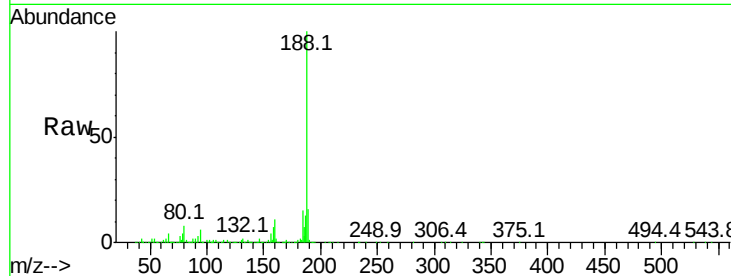




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034099.D
Acq: 2 May 2018 4:08

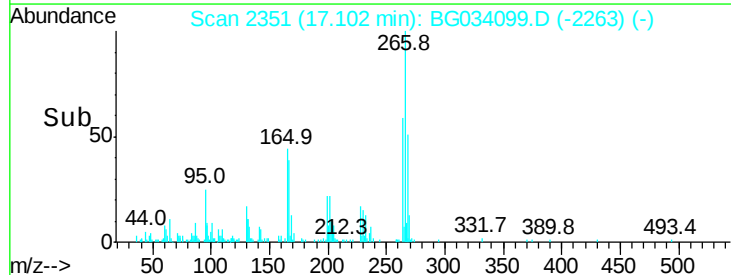
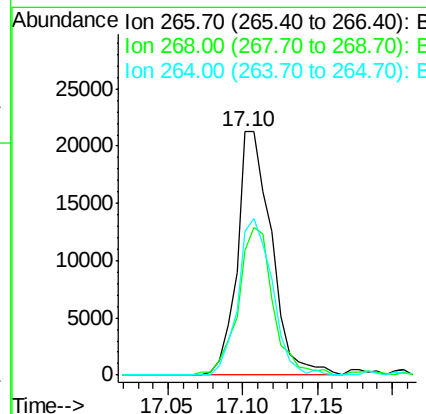
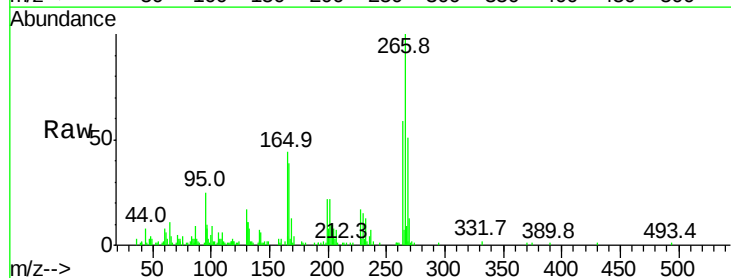
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

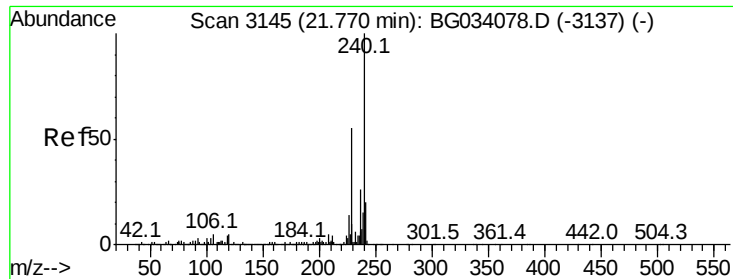
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	8.1	7.7	11.5



#69
Pentachlorophenol
Concen: 7.358 ng
RT: 17.10 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BG034099.D
Acq: 2 May 2018 4:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	51.4	51.1	76.7
264	59.1	49.6	74.4





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034099.D

Acq: 2 May 2018 4:08

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

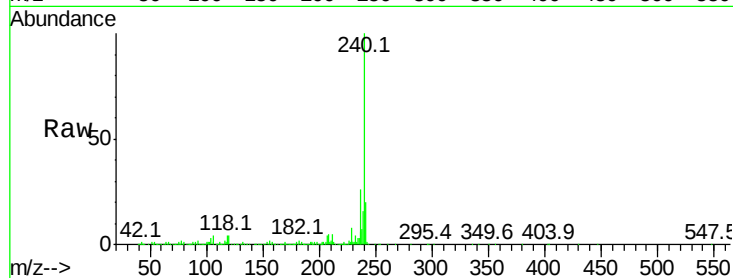
Tot Ion:240 Resp: 590248

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

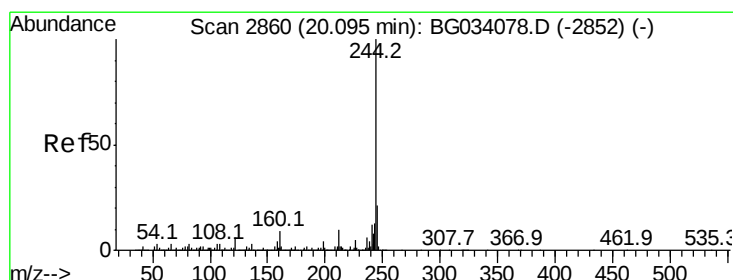
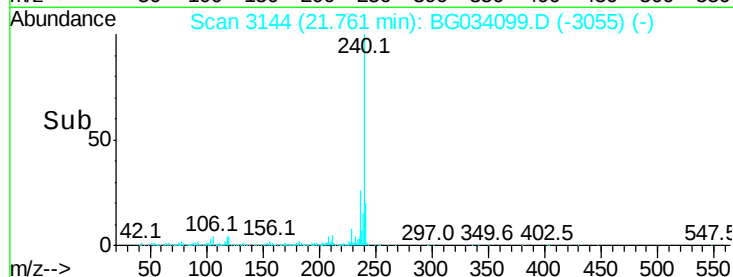
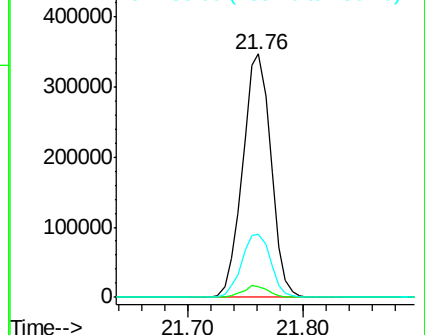
236 25.9 20.9 31.3



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: 83.252 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034099.D

Acq: 2 May 2018 4:08

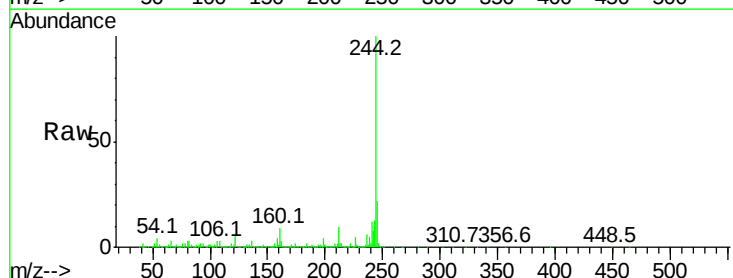
Tgt Ion:244 Resp: 2243131

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

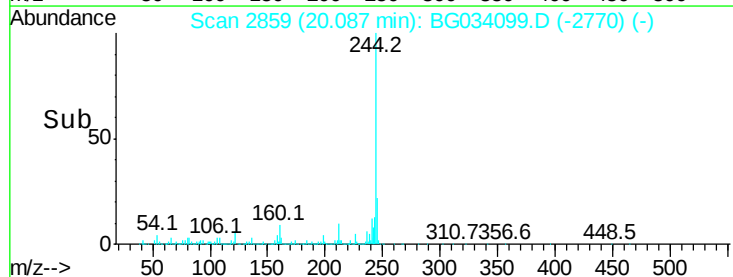
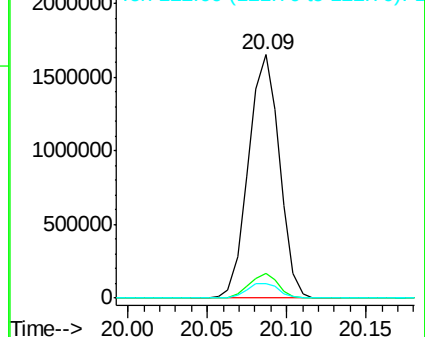
122 6.1 7.0 10.4#

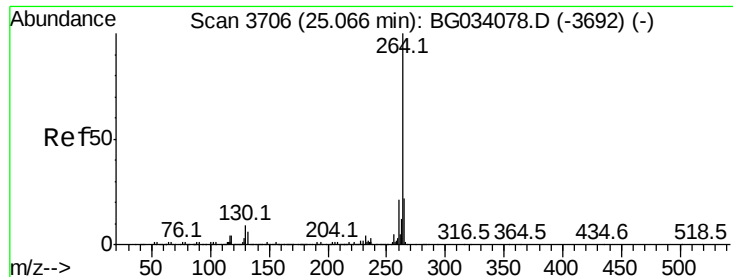


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

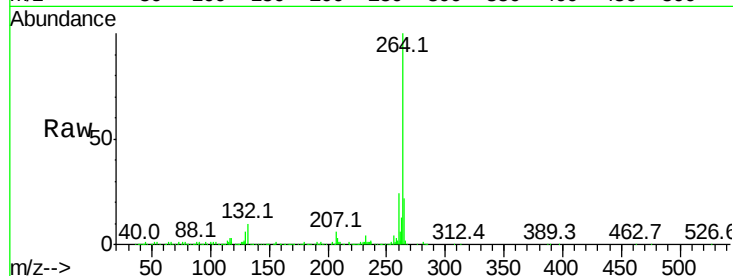




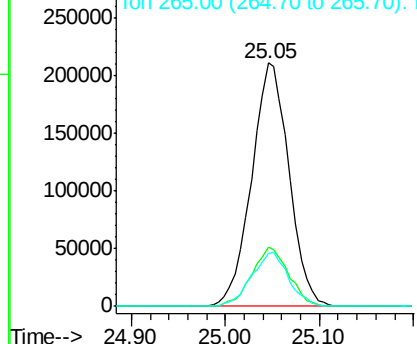
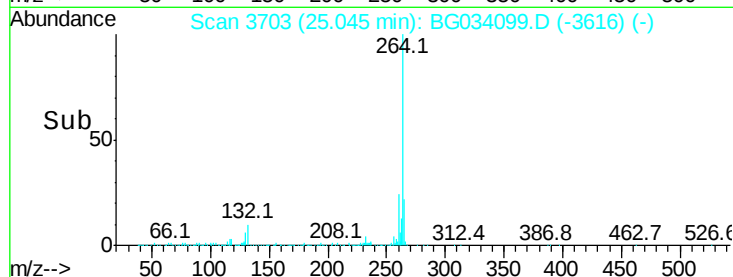
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3703
 Delta R.T. -0.02 min
 Lab File: BG034099.D
 Acq: 2 May 2018 4:08

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.9	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:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034099.D
 Acq On : 2 May 2018 4:08
 Operator : SJ/JU
 Sample : J2133-07
 Misc : 8PPM LOD
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: May 02 07:57:55 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	63076	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	252373	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	196923	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	527725	20.00	ng	0.00
75) Chrysene-d12	21.76	240	590248	20.00	ng	0.00
86) Perylene-d12	25.05	264	579297	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	518745	132.87	ng	0.00
7) Phenol-d6	7.22	99	759996	125.04	ng	0.00
23) Nitrobenzene-d5	9.23	82	570990	86.81	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	362422	132.91	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1166726	86.33	ng	0.00
78) Terphenyl-d14	20.09	244	2243131	83.25	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.89	237	34529	7.647	ng	94
53) 2,4-Dinitrophenol	14.81	184	9863	7.687	ng	# 50
69) Pentachlorophenol	17.10	266	34109	7.358	ng	90

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