

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037460.D
 Acq On : 19 Oct 2018 19:12
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 8PPM
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 20 02:37:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

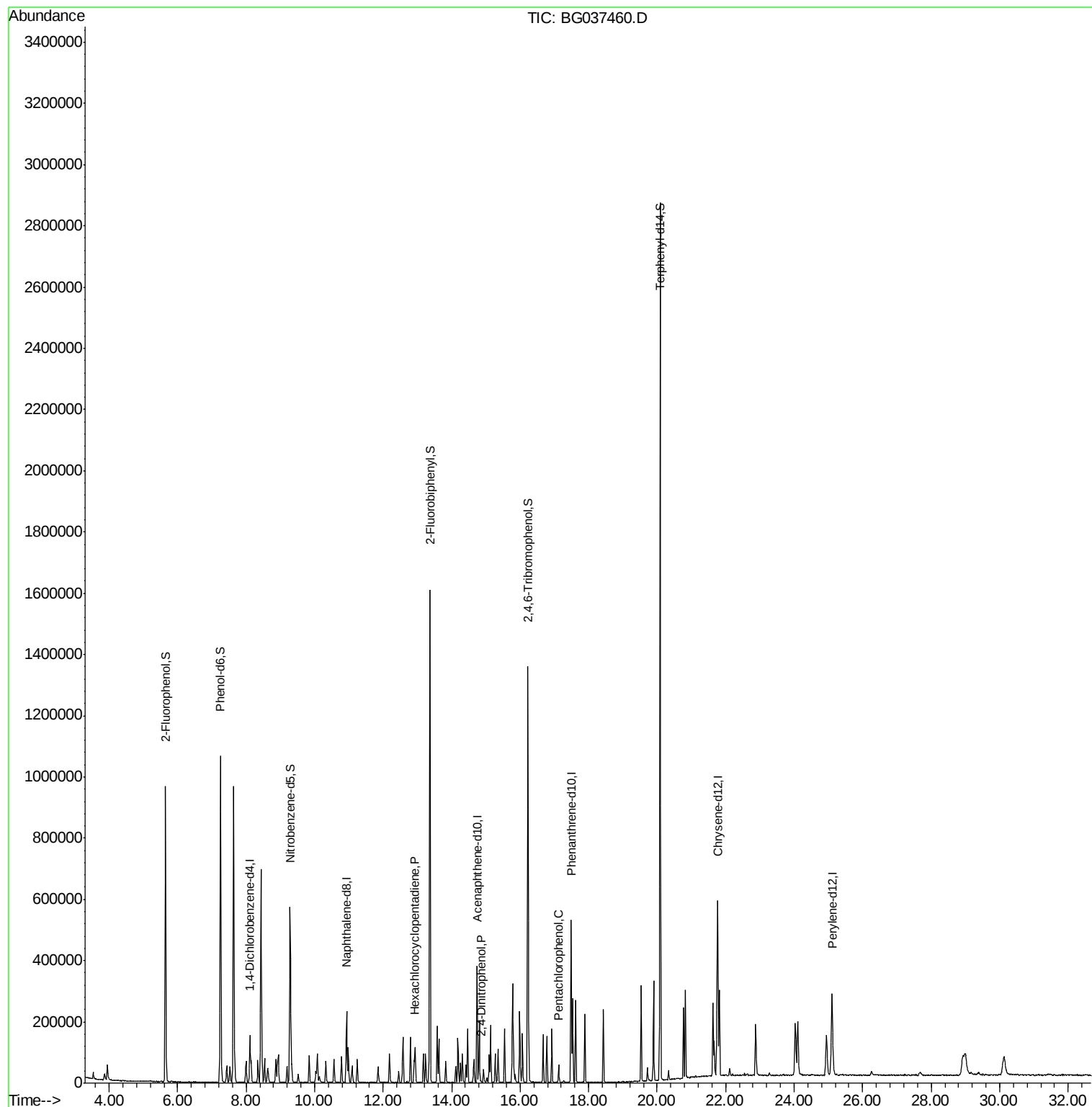
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	46190	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	210437	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	137389	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	332132	20.00	ng	0.00
76) Chrysene-d12	21.77	240	311768	20.00	ng	0.00
87) Perylene-d12	25.11	264	310996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	448331	162.27	ng	0.00
7) Phenol-d6	7.25	99	654797	156.74	ng	0.00
23) Nitrobenzene-d5	9.28	82	363339	96.72	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	245584	163.89	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	874847	96.02	ng	0.00
79) Terphenyl-d14	20.09	244	1356182	92.95	ng	0.00
Target Compounds						
41) Hexachlorocyclopentadiene	12.90	237	20137	9.513	ng	97
54) 2,4-Dinitrophenol	14.85	184	1885	9.503	ng	# 90
70) Pentachlorophenol	17.13	266	11981	4.732	ng	94

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

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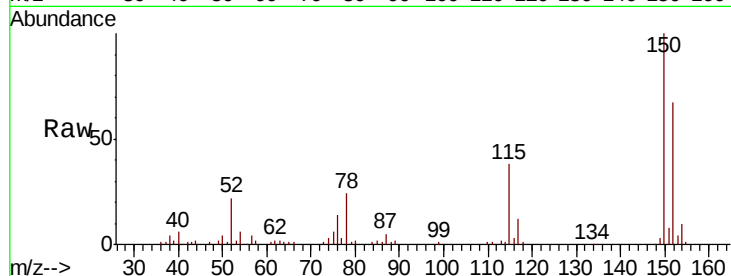




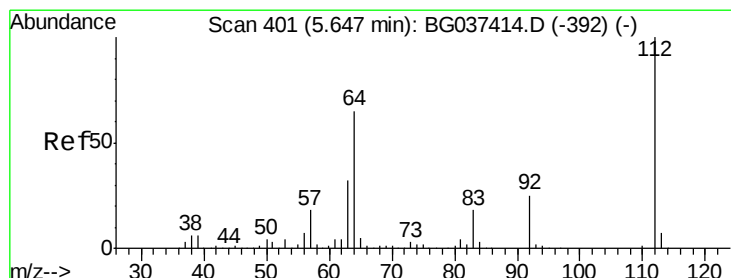
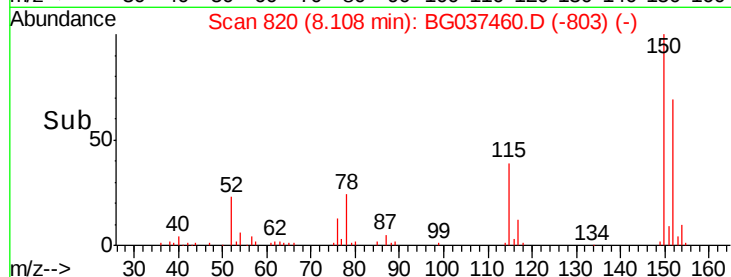
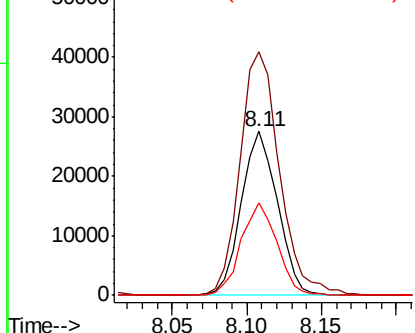
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

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

Tgt Ion:152 Resp: 46190
 Ion Ratio Lower Upper
 152 100
 150 148.3 126.0 189.0
 115 56.2 45.5 68.3

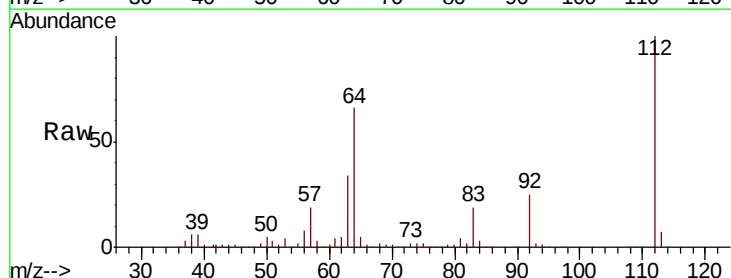


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

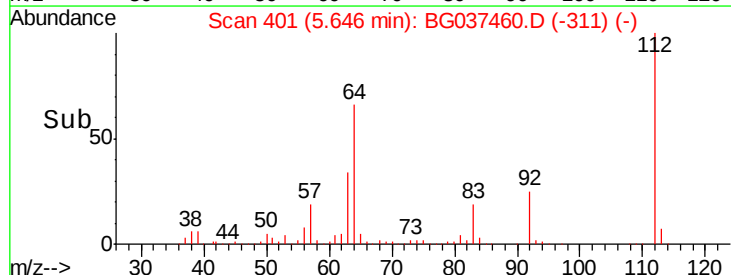
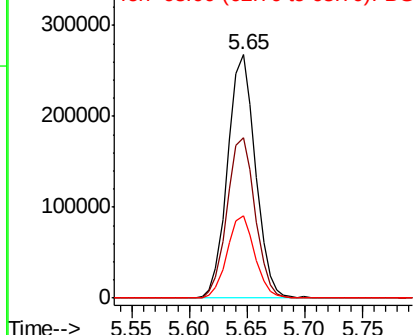


#5
 2-Fluorophenol
 Concen: 162.274 ng
 RT: 5.65 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion:112 Resp: 448331
 Ion Ratio Lower Upper
 112 100
 64 66.1 53.1 79.7
 63 33.6 27.3 40.9



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





#7

Phenol-d6

Concen: 156.736 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

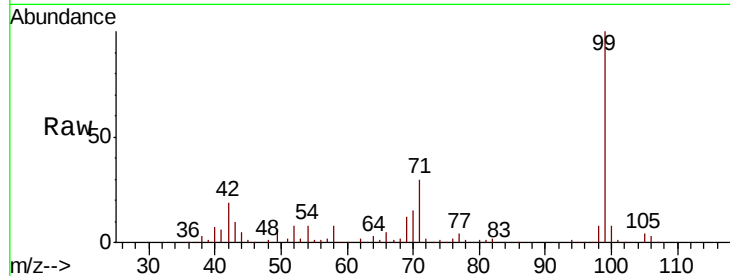
Tgt Ion: 99 Resp: 654797

Ion Ratio Lower Upper

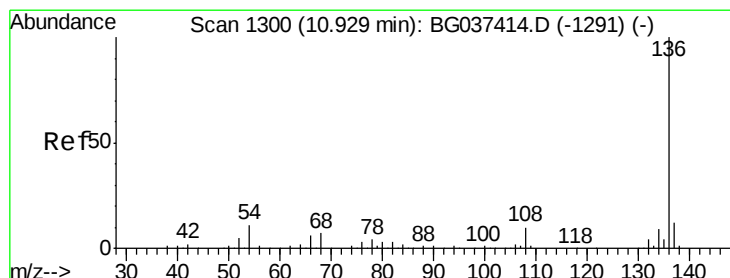
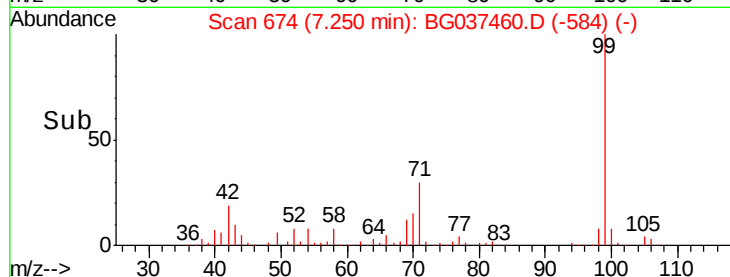
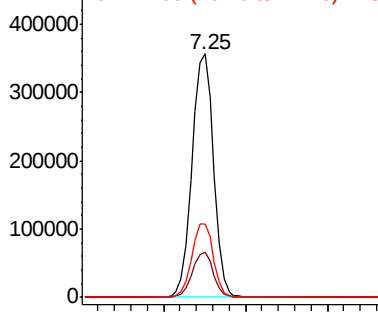
99 100

42 18.8 15.0 22.4

71 30.2 25.5 38.3



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: 10.93 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Tgt Ion: 136 Resp: 210437

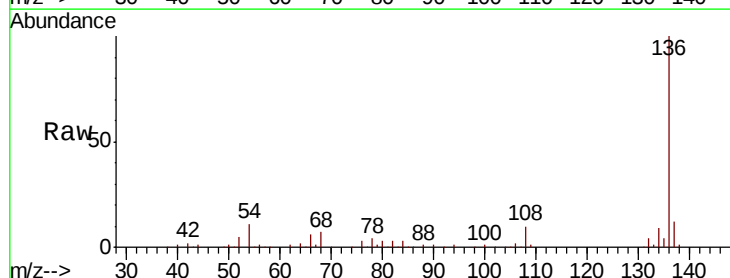
Ion Ratio Lower Upper

136 100

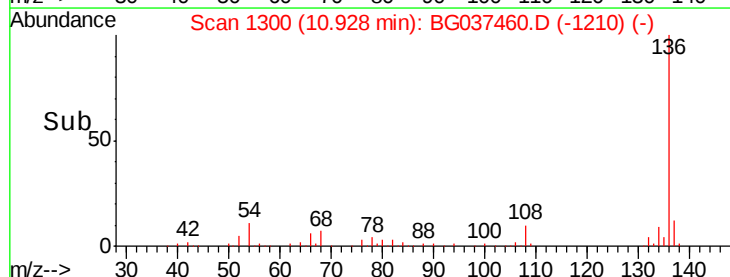
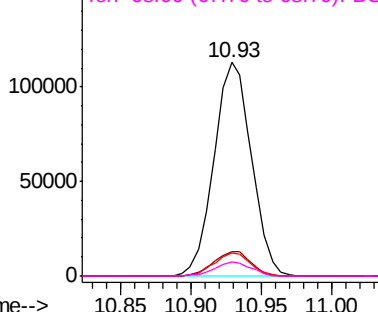
137 11.6 9.6 14.4

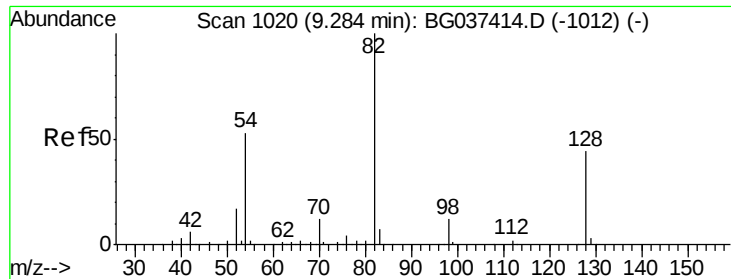
54 10.9 7.9 11.9

68 6.8 4.8 7.2



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

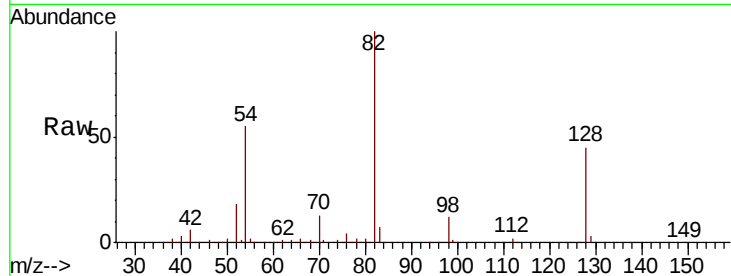




#23
 Nitrobenzene-d5
 Concen: 96.722 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	55.4	45.3	67.9

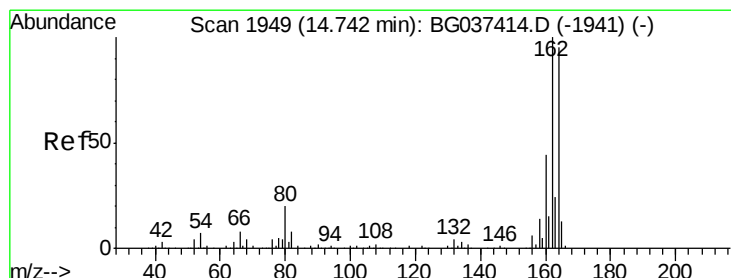
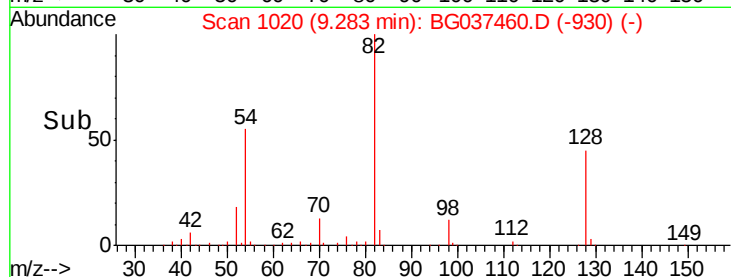
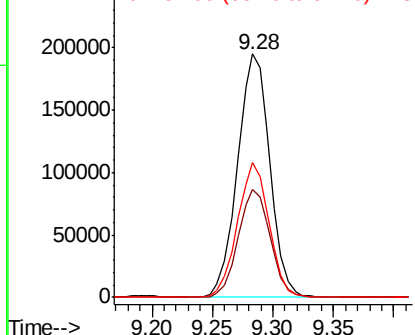


Abundance

Ion 82.00 (81.70 to 82.70): BGC

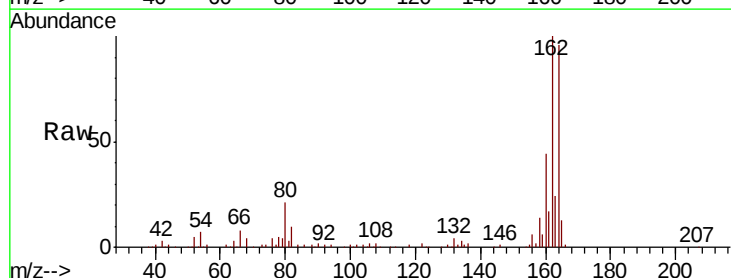
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.3	121.9
160	45.2	36.3	54.5

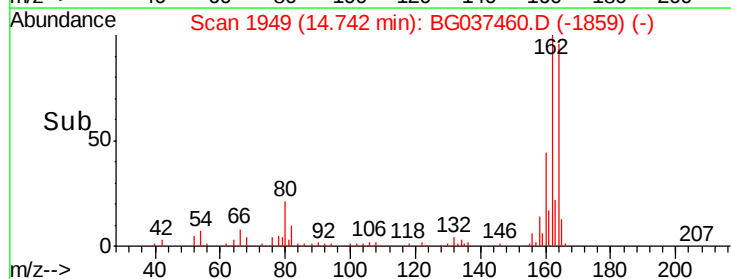
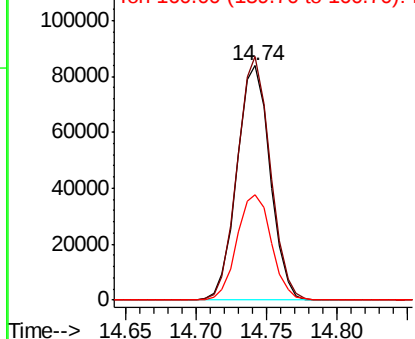


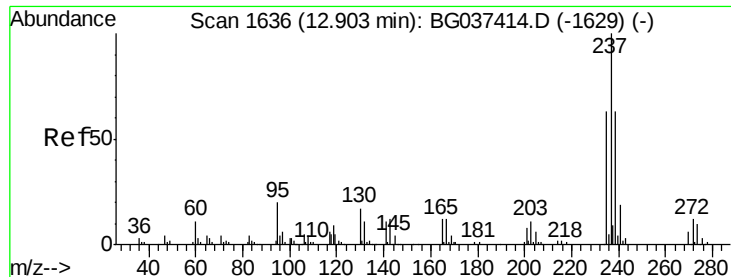
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

Hexachlorocyclopentadiene

Concen: 9.513 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

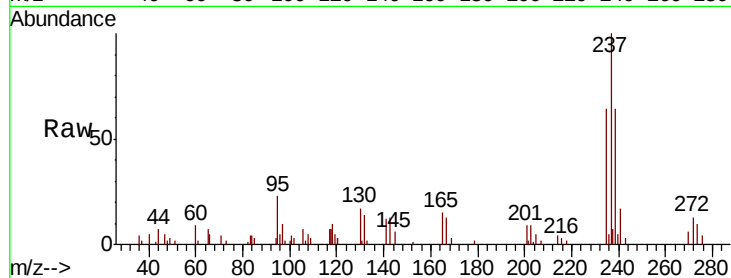
Tgt Ion: 237 Resp: 20137

Ion Ratio Lower Upper

237 100

235 64.2 42.5 82.5

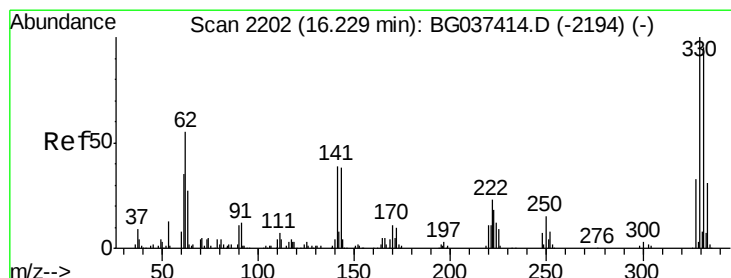
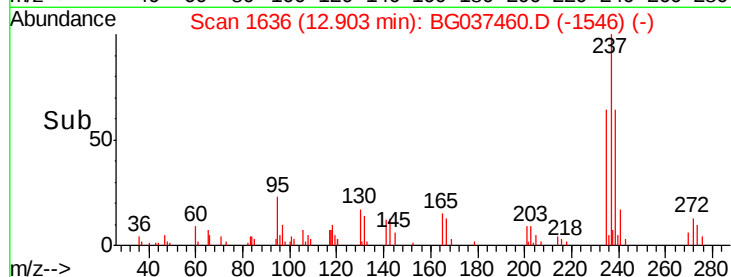
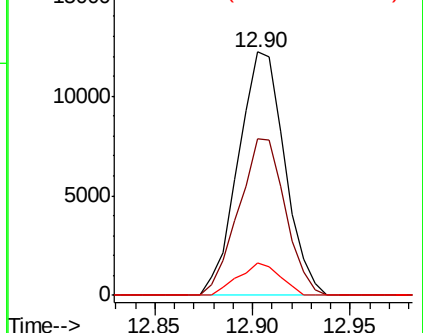
272 13.2 0.0 31.6



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: 163.888 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037460.D

Acq: 19 Oct 2018 19:12

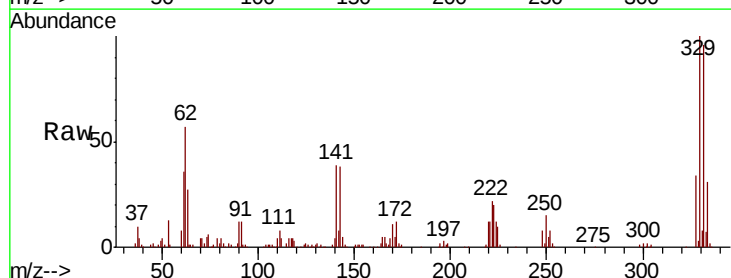
Tgt Ion: 330 Resp: 245584

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

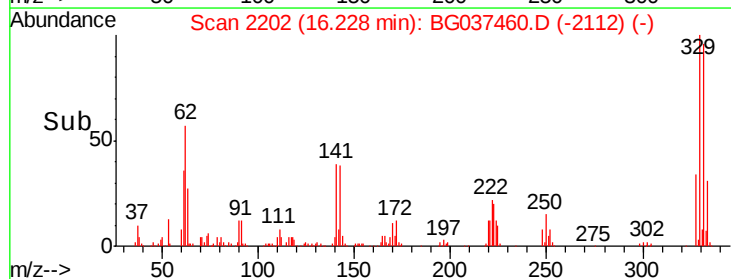
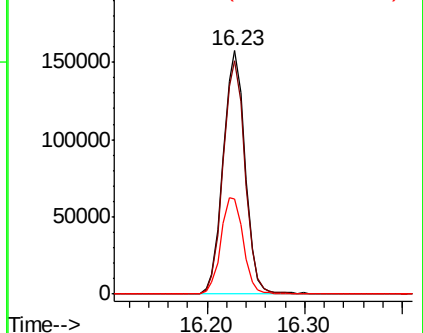
141 40.6 32.2 48.2



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

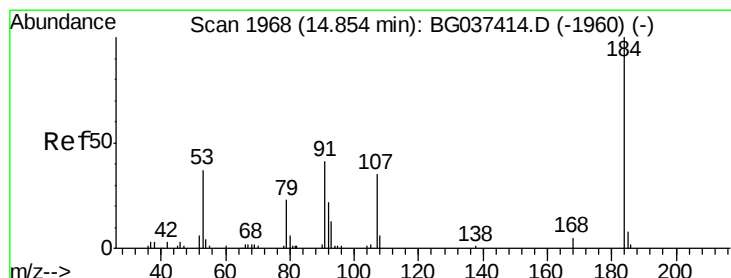
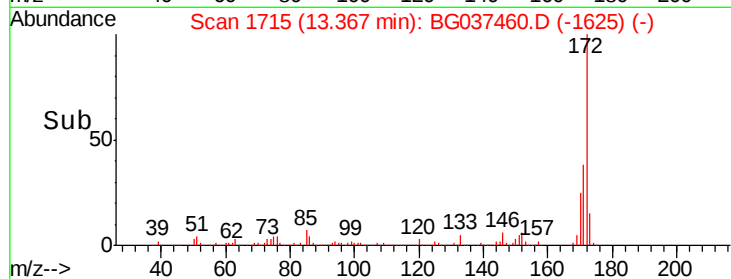
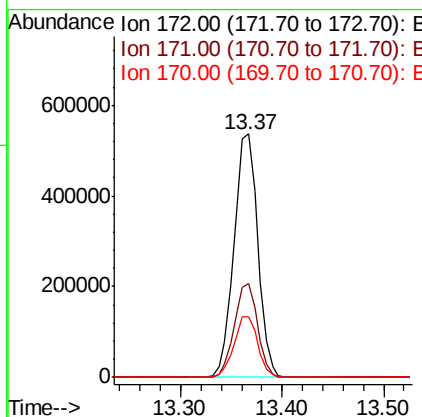
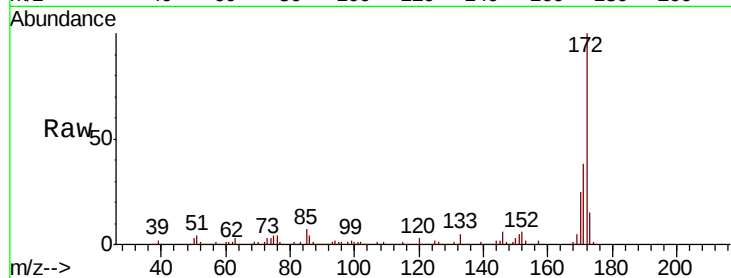




#45
 2-Fluorobiphenyl
 Concen: 96.021 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

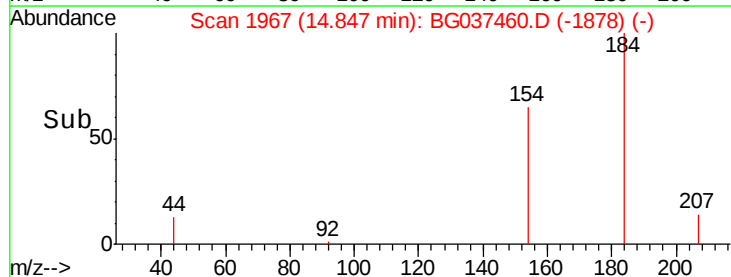
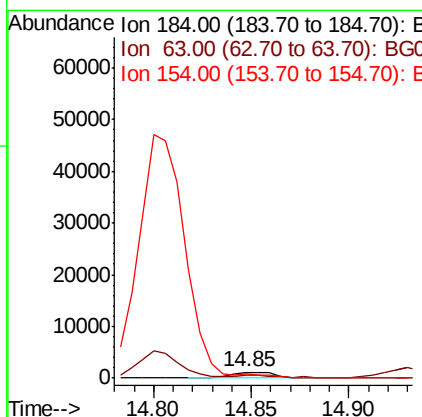
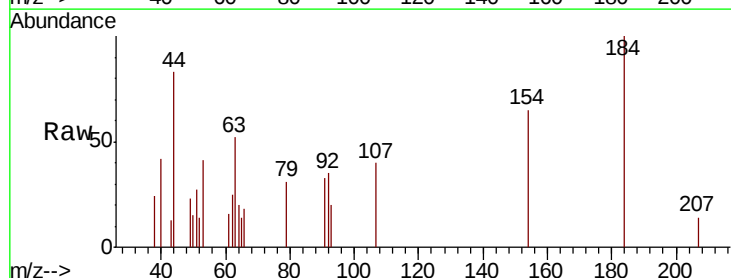
Instrument :
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 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

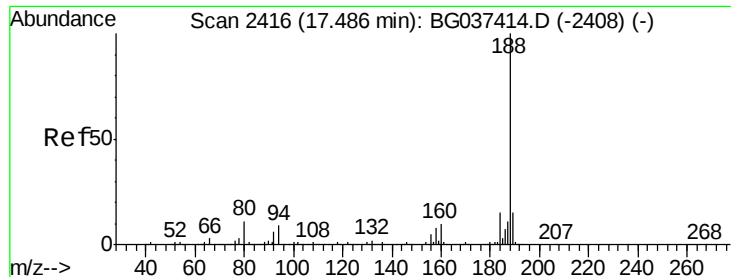
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.0	20.2	30.2



#54
 2,4-Dinitrophenol
 Concen: 9.503 ng
 RT: 14.85 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG037460.D
 Acq: 19 Oct 2018 19:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.8	42.6	63.8
154	65.3	41.8	62.6

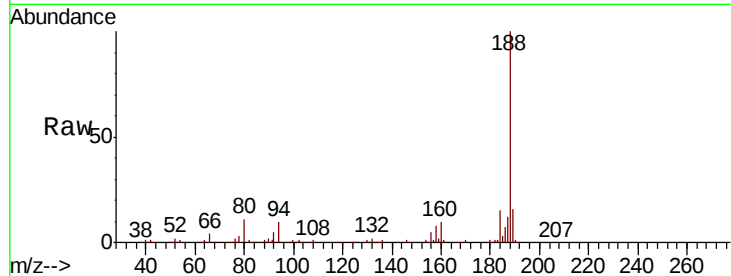




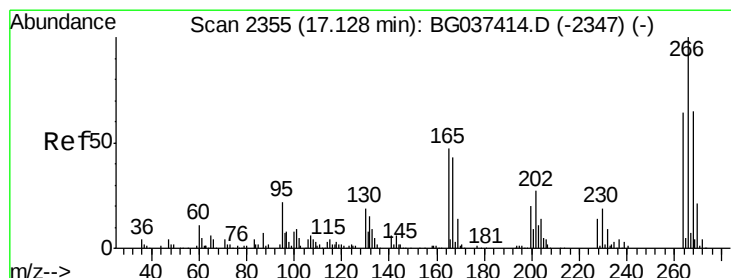
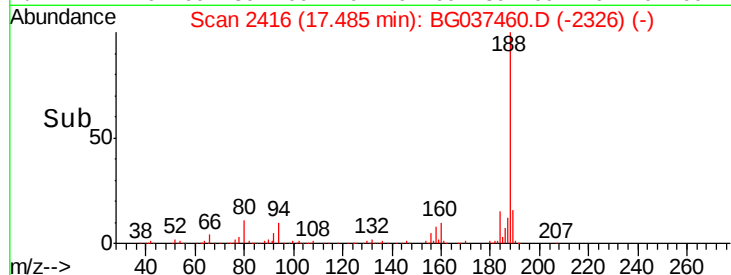
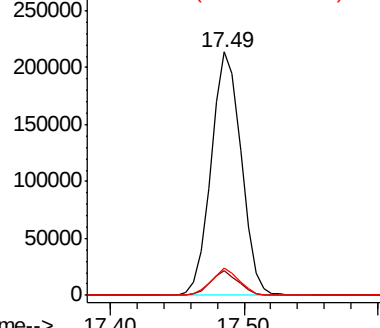
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

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

Tgt Ion:188 Resp: 332132
Ion Ratio Lower Upper
188 100
94 10.1 7.2 10.8
80 11.0 7.7 11.5

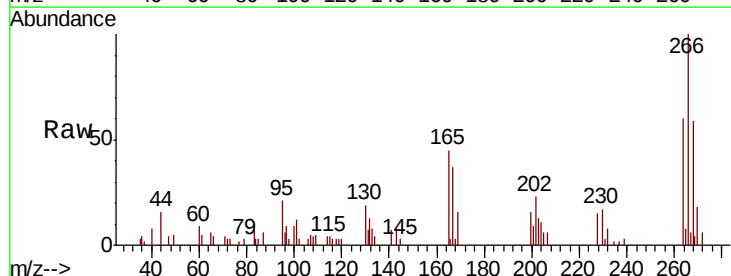


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

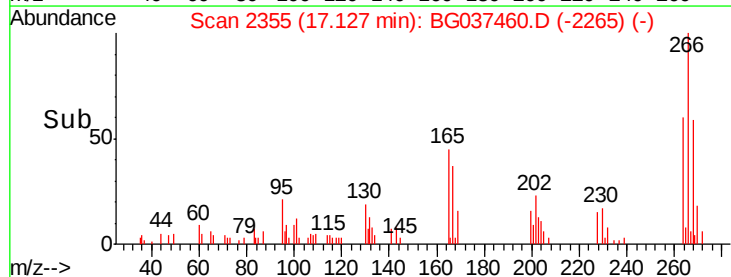
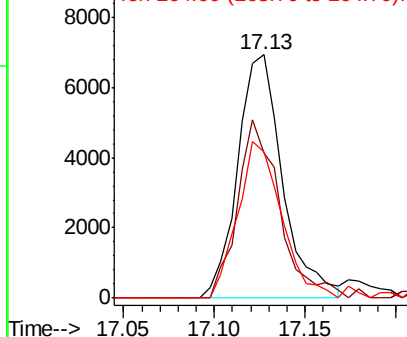


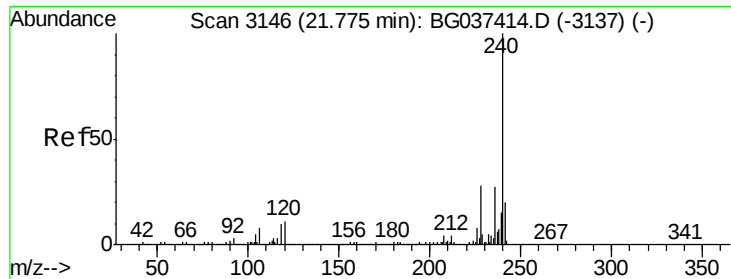
#70
Pentachlorophenol
Concen: 4.732 ng
RT: 17.13 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion:266 Resp: 11981
Ion Ratio Lower Upper
266 100
268 63.1 55.0 82.6
264 68.6 58.9 88.3



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

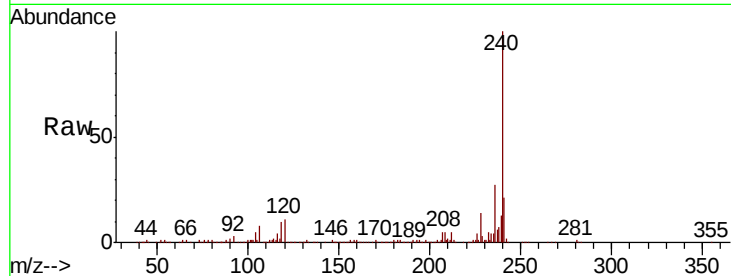




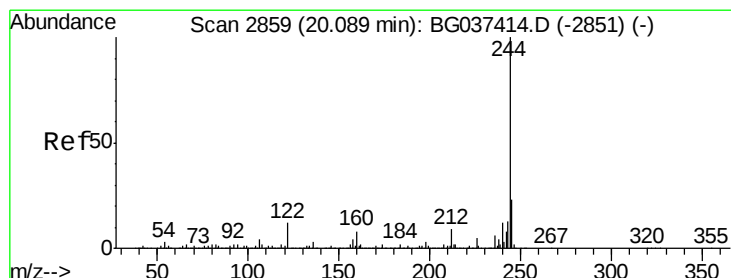
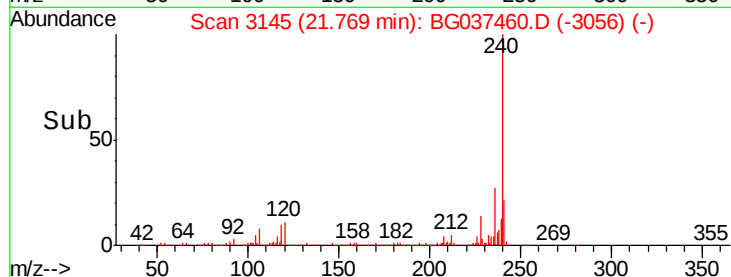
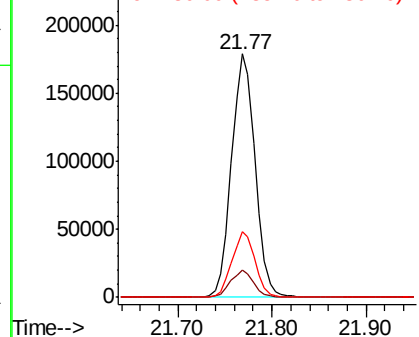
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

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

Tgt Ion:240 Resp: 311768
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 26.8 21.4 32.0

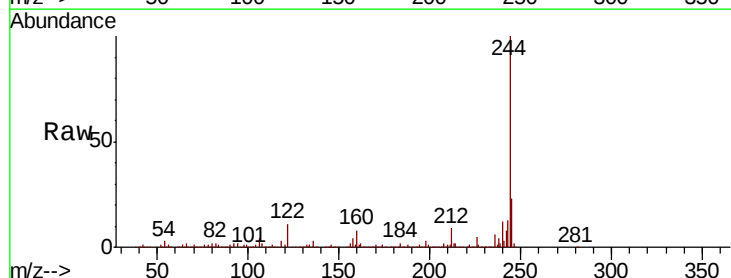


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

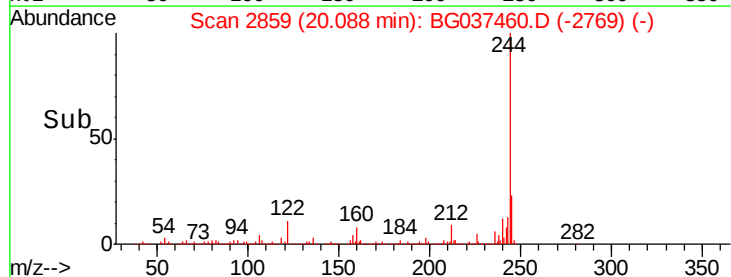
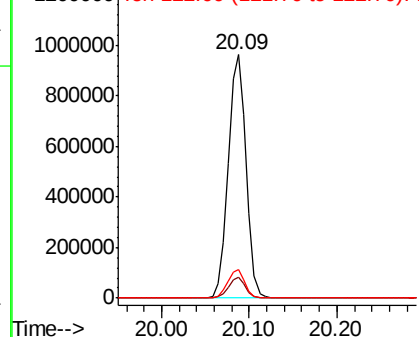


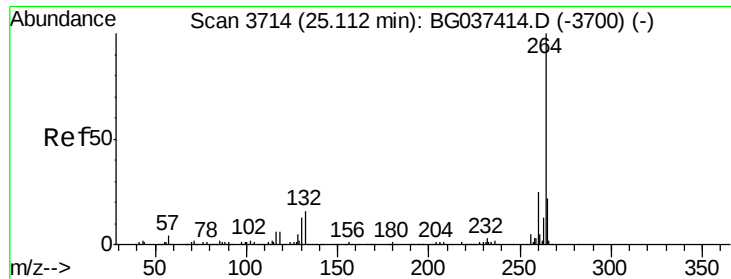
#79
Terphenyl-d14
Concen: 92.949 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

Tgt Ion:244 Resp: 1356182
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 11.5 9.0 13.4



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037460.D
Acq: 19 Oct 2018 19:12

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

Tgt Ion	Resp	Lower	Upper
264	310996		
260	24.5	18.2	27.4
265	21.7	17.9	26.9

