

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042863.D
 Acq On : 17 Sep 2019 00:18
 Operator : HP/JU
 Sample : K4859-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-DECON-WATER-091119

Quant Time: Sep 17 04:36:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

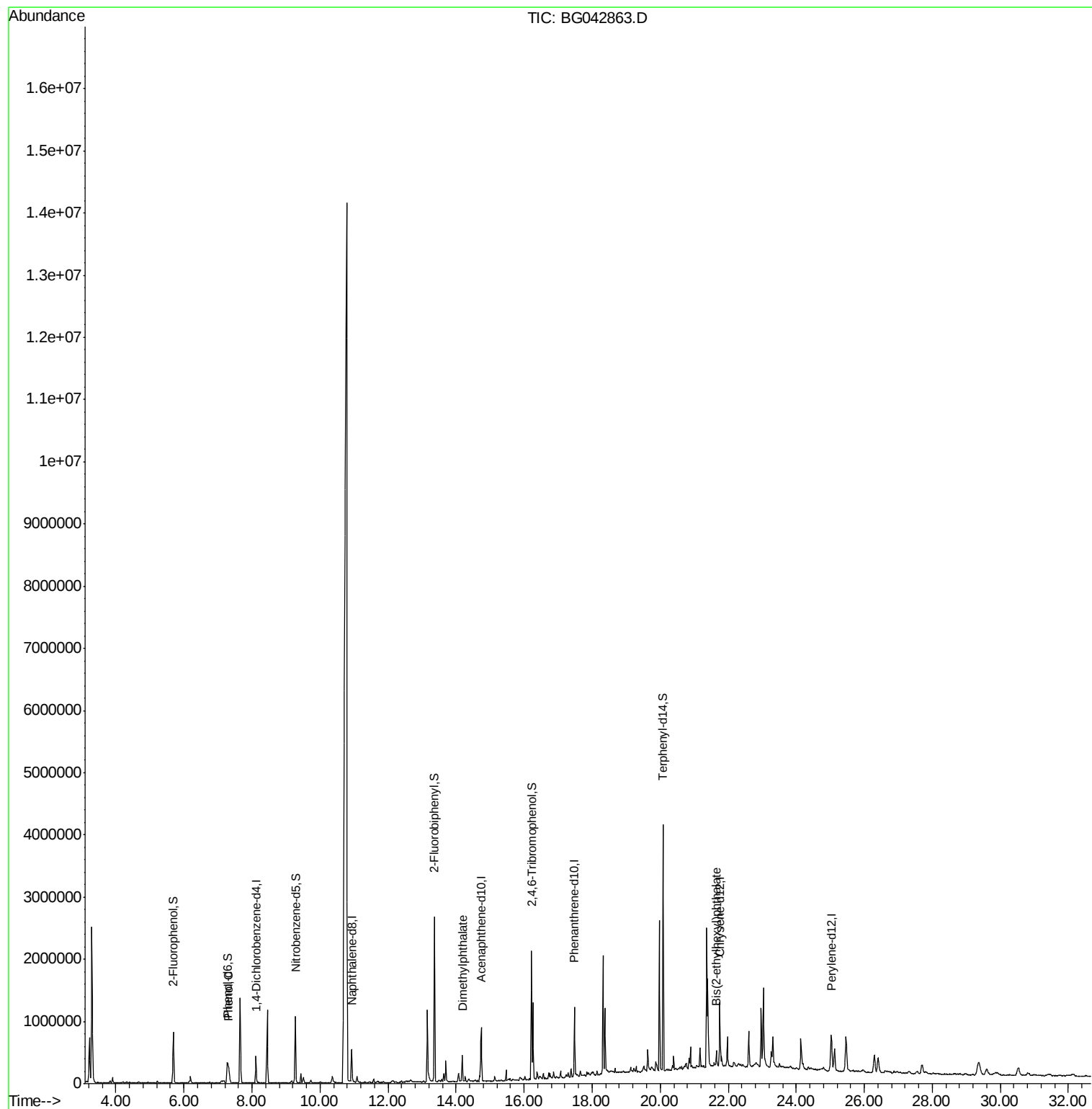
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	119233	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	454051	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	312926	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	640423	20.00	ng	0.00
76) Chrysene-d12	21.75	240	609125	20.00	ng	0.00
87) Perylene-d12	25.03	264	678575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	385404	56.20	ng	0.00
7) Phenol-d6	7.28	99	390198	39.64	ng	0.00
23) Nitrobenzene-d5	9.27	82	648217	74.33	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	421388	101.22	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1354893	68.54	ng	0.00
79) Terphenyl-d14	20.09	244	1821874	66.29	ng	0.00
Target Compounds						
10) Phenol	7.31	94	116830	11.573	ng	92
50) Dimethylphthalate	14.18	163	268319	11.446	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	95602	4.533	ng	# 98

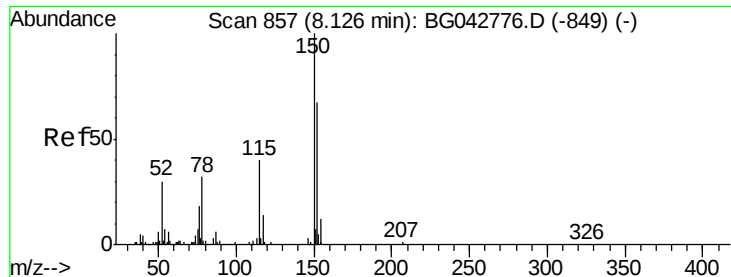
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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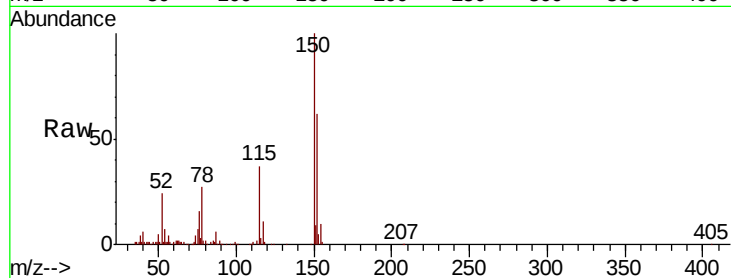


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Instrument :
BNA_G
ClientSampleId :
IDW-DECON-WATER-091119

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	118.9	178.3
115	59.4	47.4	71.2

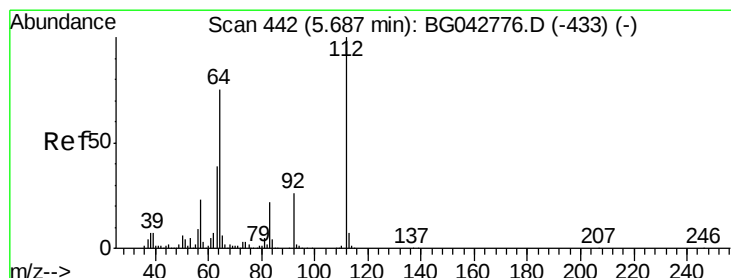
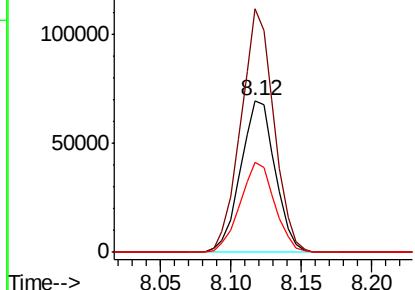
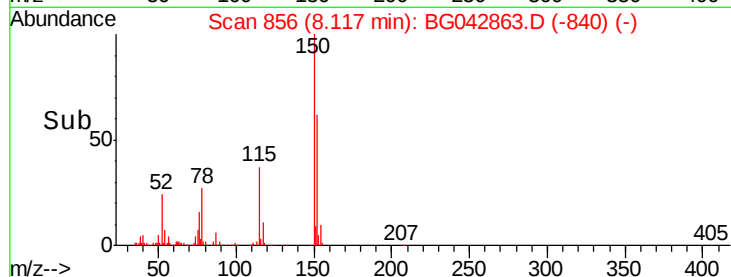


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

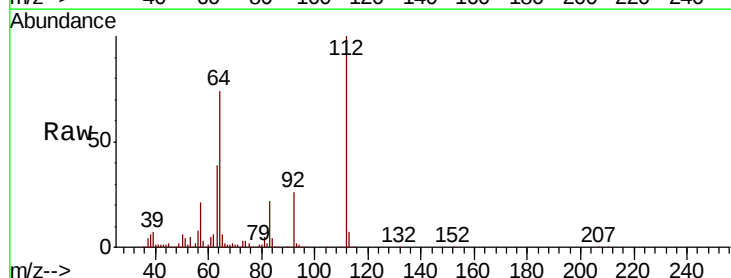
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.196 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	60.2	90.2
63	38.7	31.2	46.8

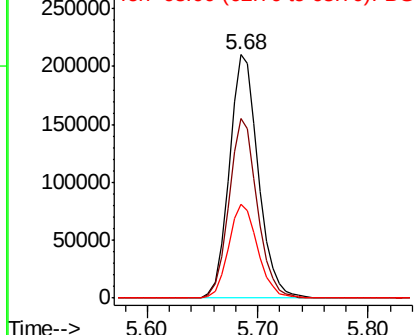
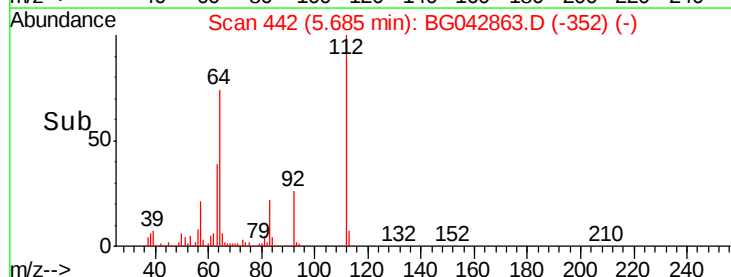


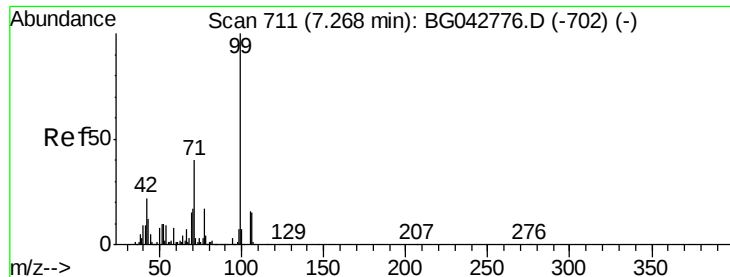
Abundance

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: 39.639 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

Instrument :

BNA_G

ClientSampleId :

IDW-DECON-WATER-091119

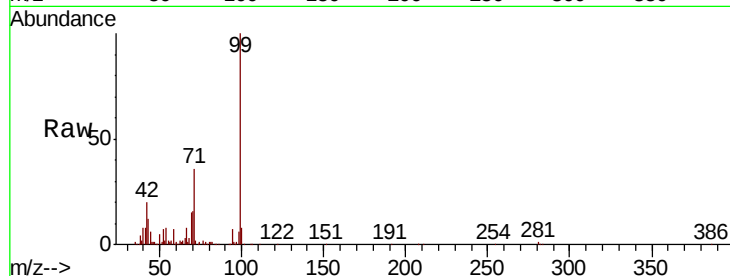
Tot Ion: 99 Resp: 390198

Ion Ratio Lower Upper

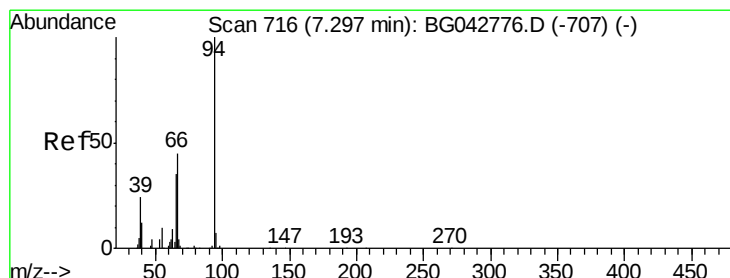
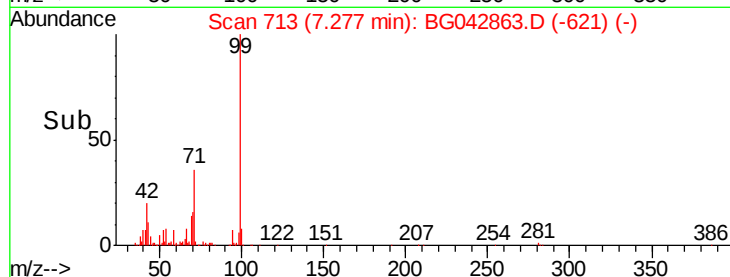
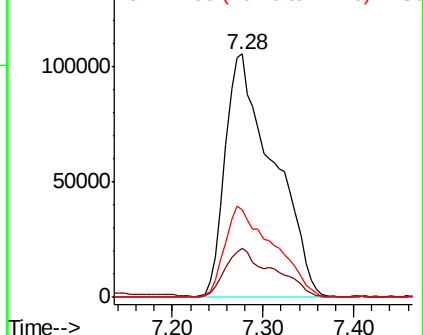
99 100

42 19.9 17.5 26.3

71 36.0 32.0 48.0



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



#10

Phenol

Concen: 11.573 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

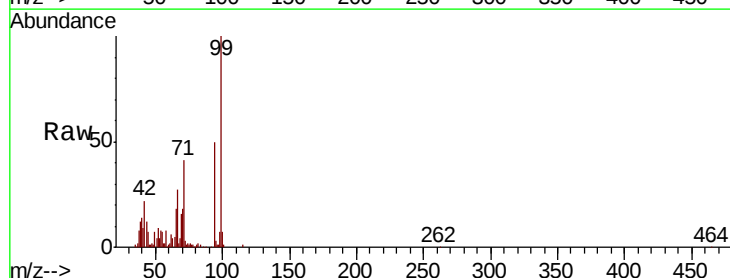
Tgt Ion: 94 Resp: 116830

Ion Ratio Lower Upper

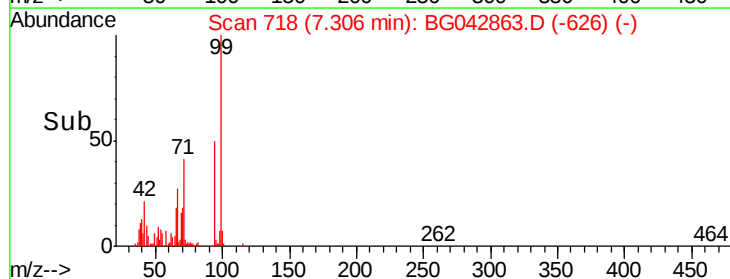
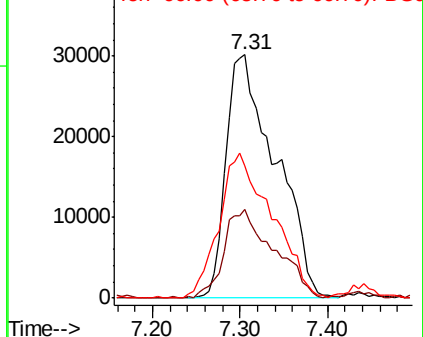
94 100

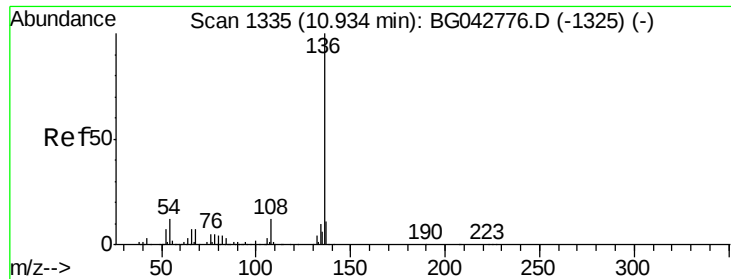
65 36.4 15.0 55.0

66 54.3 26.1 66.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

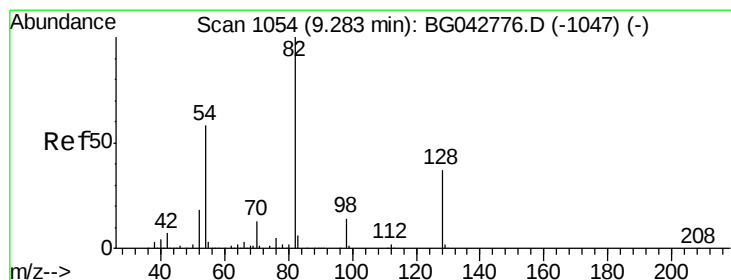
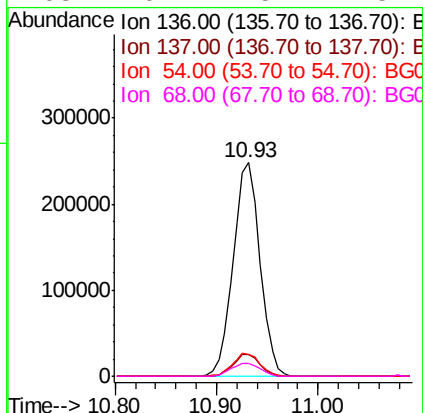
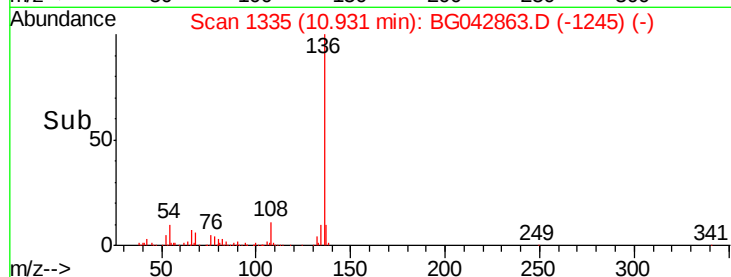
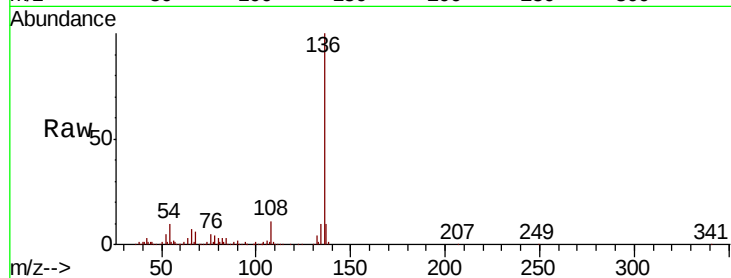




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

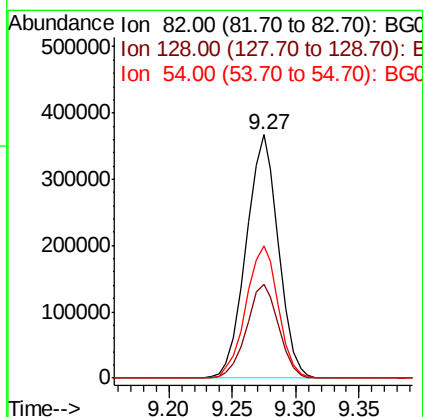
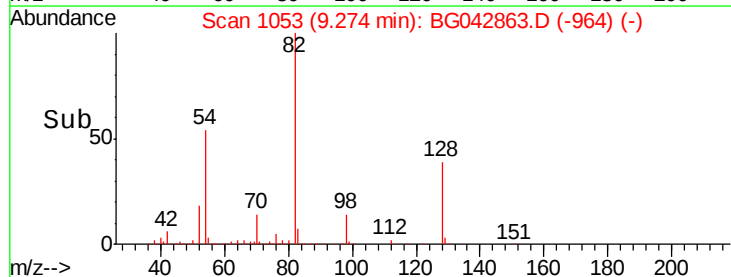
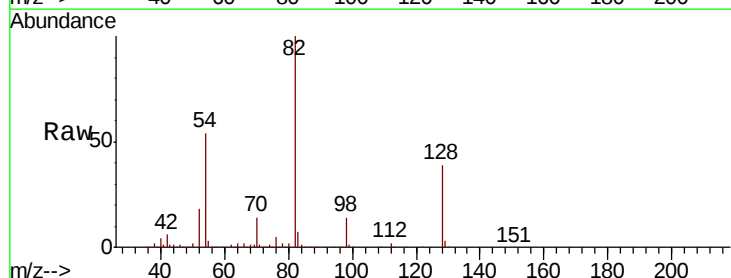
Instrument :
BNA_G
ClientSampleId :
IDW-DECON-WATER-091119

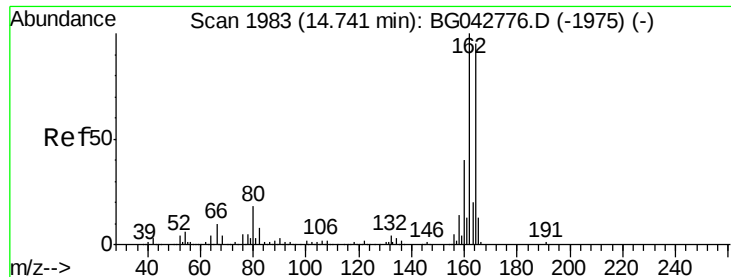
Tot Ion:	136	Resp:	454051
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	10.2	9.4	14.0
68	6.1	5.4	8.2



#23
Nitrobenzene-d5
Concen: 74.326 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Tgt Ion:	82	Resp:	648217
Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.8	44.8
54	54.4	46.1	69.1

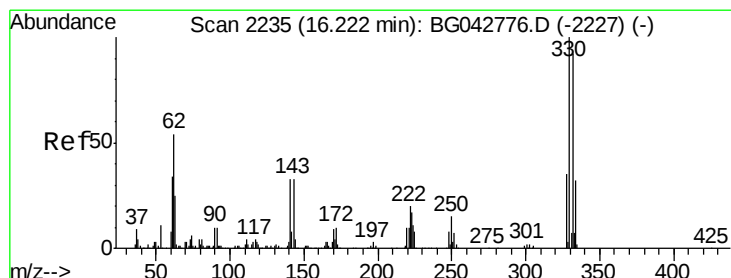
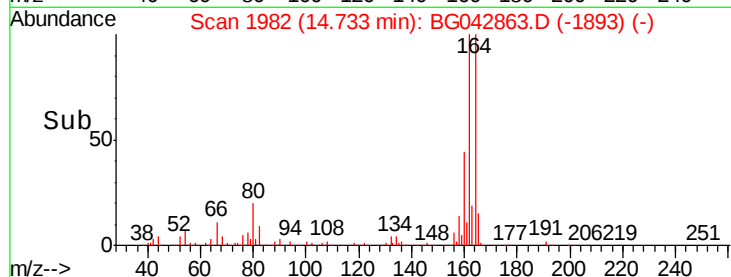
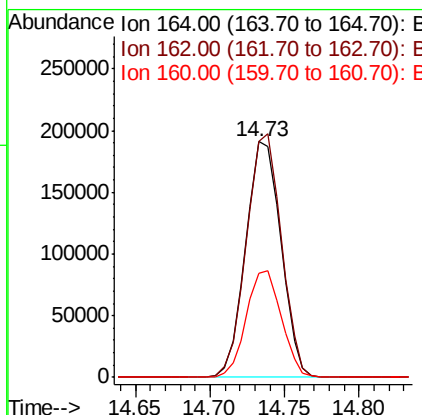
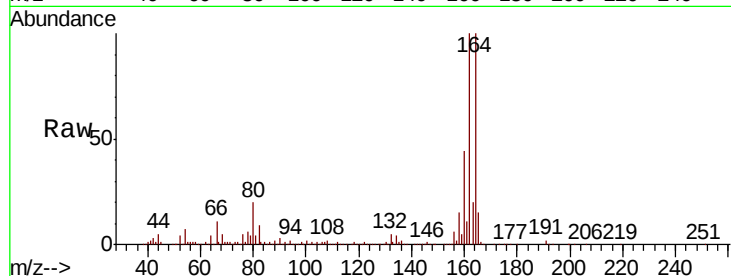




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

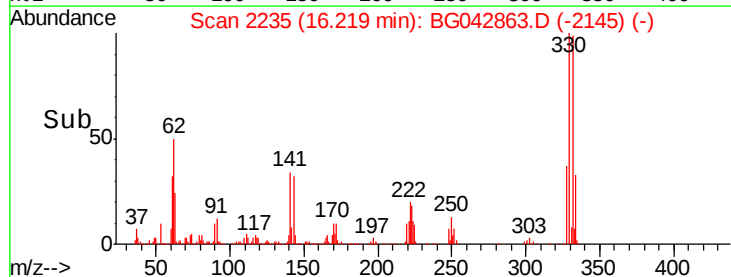
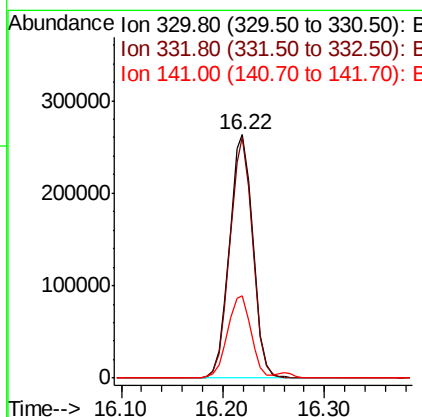
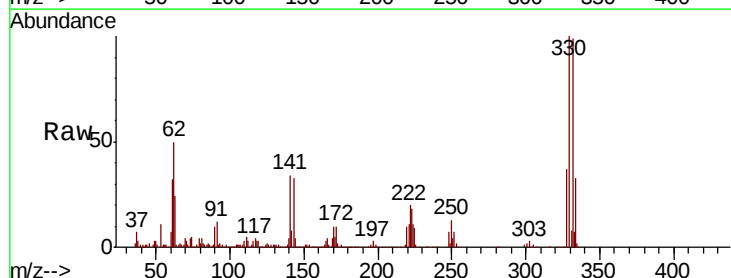
Instrument :
BNA_G
ClientSampleId :
IDW-DECON-WATER-091119

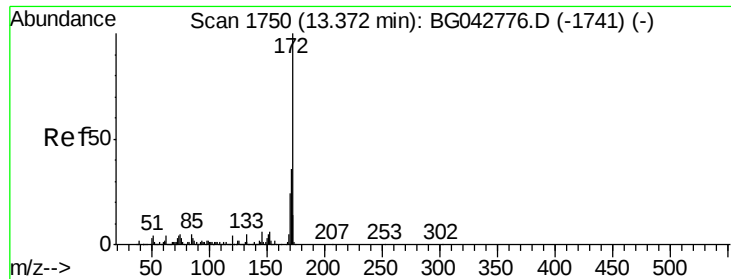
Tot Ion:164 Resp: 312926
Ion Ratio Lower Upper
164 100
162 100.1 84.6 126.8
160 44.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 101.216 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Tgt Ion:330 Resp: 421388
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 34.3 27.0 40.6

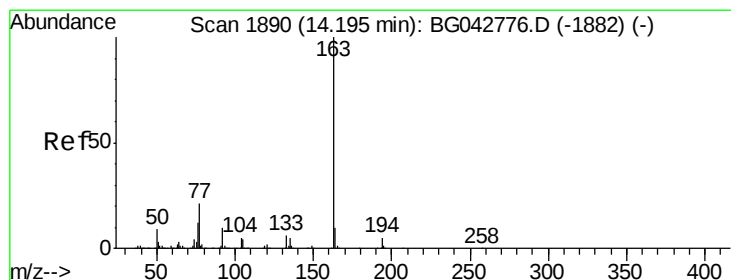
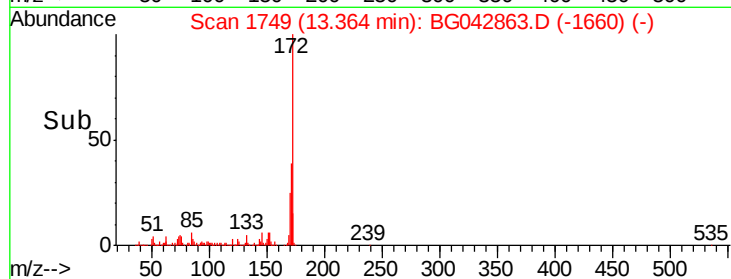
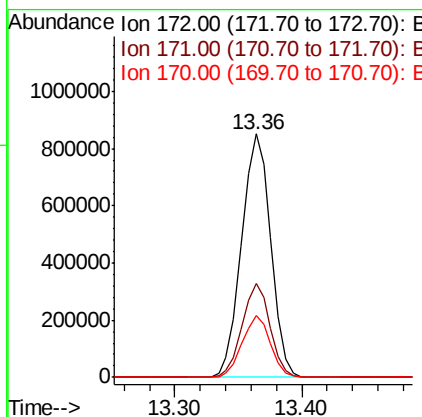
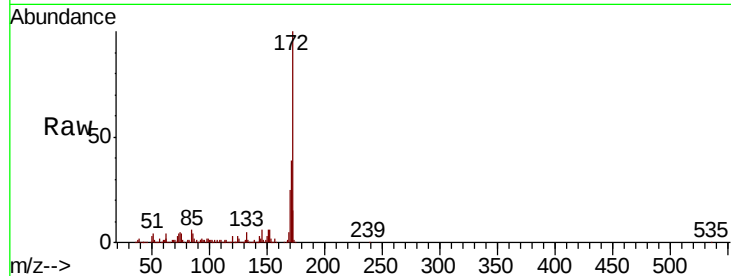




#45
2-Fluorobiphenyl
Concen: 68.537 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

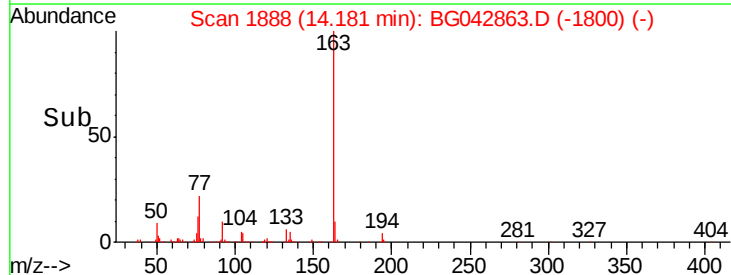
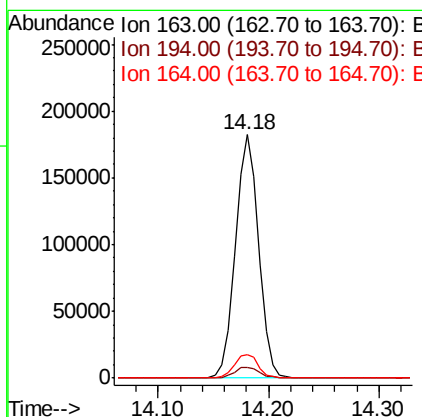
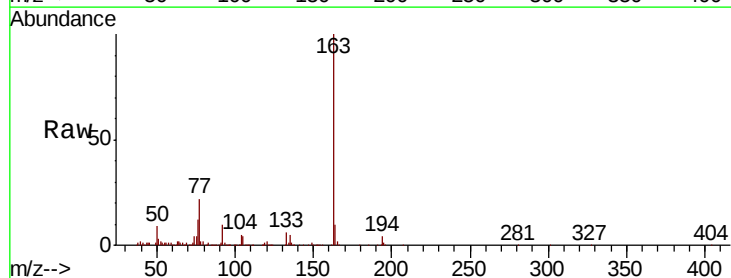
Instrument :
BNA_G
ClientSampleId :
IDW-DECON-WATER-091119

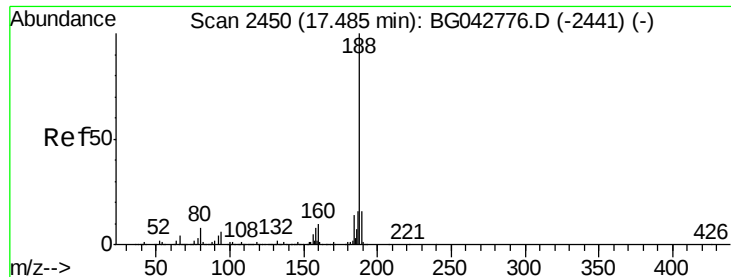
Tot Ion:172 Resp: 1354893
Ion Ratio Lower Upper
172 100
171 38.7 28.9 43.3
170 25.4 19.1 28.7



#50
Dimethylphthalate
Concen: 11.446 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Tgt Ion:163 Resp: 268319
Ion Ratio Lower Upper
163 100
194 4.3 4.2 6.4
164 9.9 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

Instrument :

BNA_G

ClientSampleId :

IDW-DECON-WATER-091119

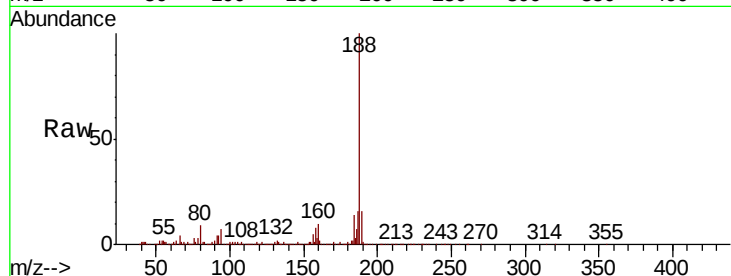
Tot Ion:188 Resp: 640423

Ion Ratio Lower Upper

188 100

94 7.3 4.8 7.2#

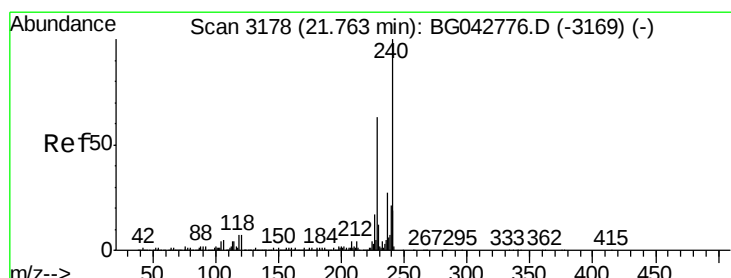
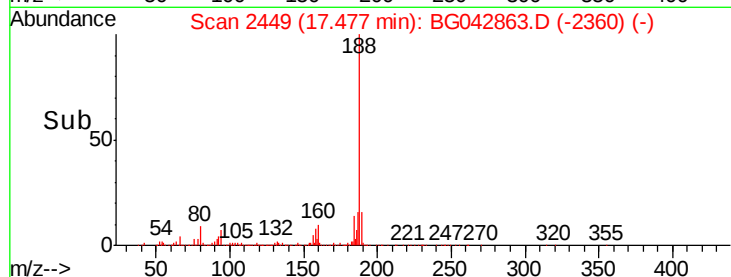
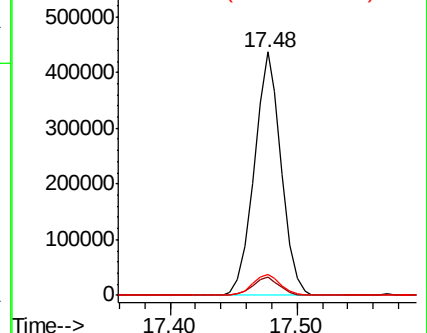
80 8.6 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

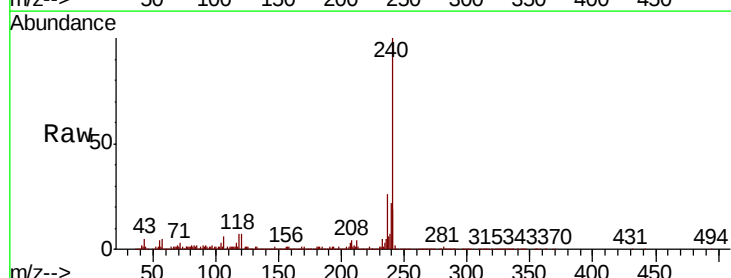
Tgt Ion:240 Resp: 609125

Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.2

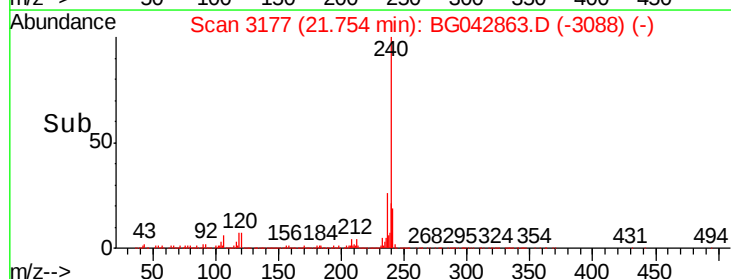
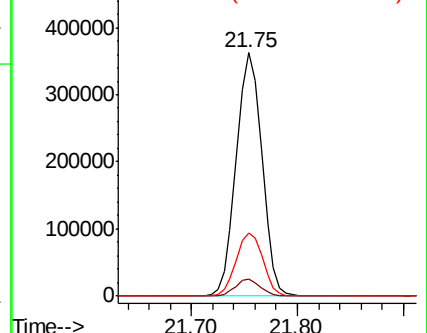
236 26.0 21.7 32.5

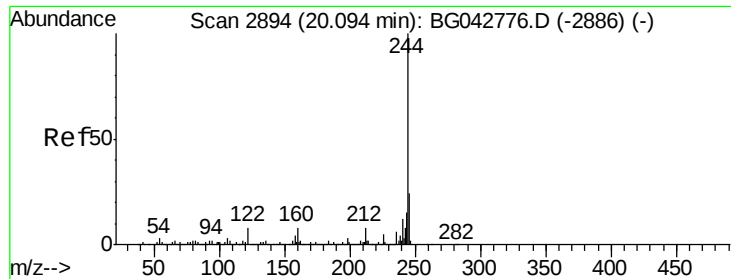


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.288 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

Instrument :

BNA_G

ClientSampleId :

IDW-DECON-WATER-091119

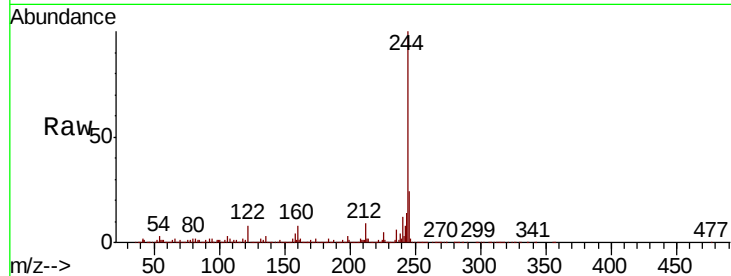
Tot Ion:244 Resp: 1821874

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

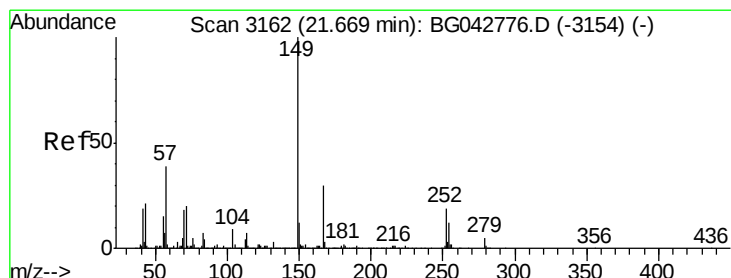
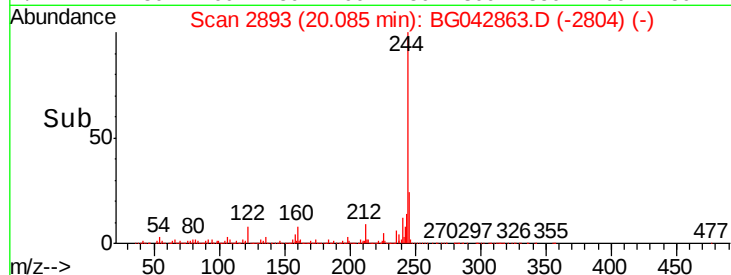
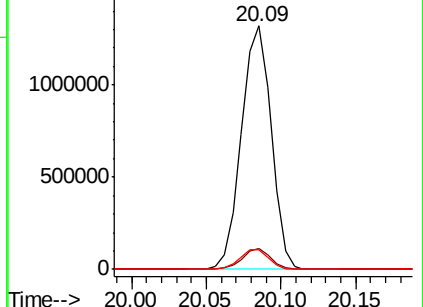
122 8.3 6.2 9.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.533 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG042863.D

Acq: 17 Sep 2019 00:18

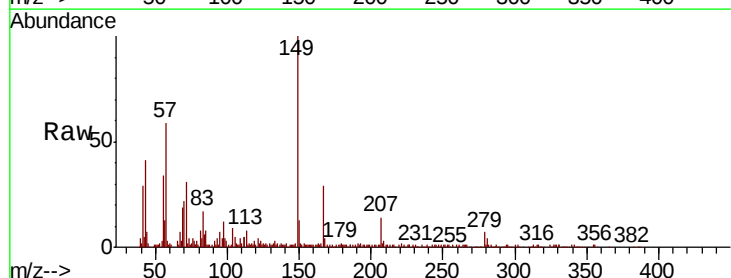
Tgt Ion:149 Resp: 95602

Ion Ratio Lower Upper

149 100

167 29.4 24.3 36.5

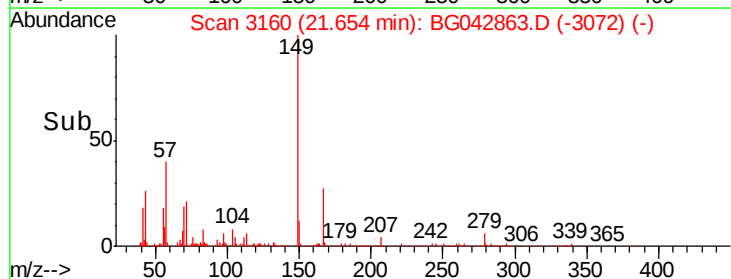
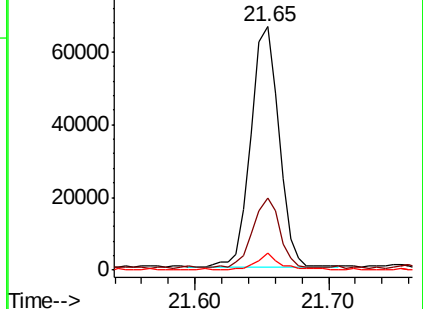
279 6.8 4.2 6.4#

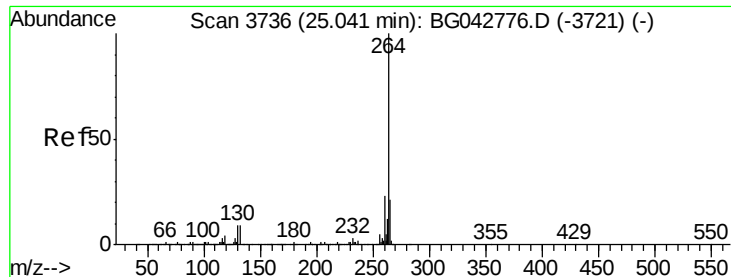


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG042863.D
Acq: 17 Sep 2019 00:18

Instrument :
BNA_G
ClientSampleId :
IDW-DECON-WATER-091119

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.2
265	20.7	16.9	25.3

