

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035864.D
 Acq On : 25 Jul 2018 2:27
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 8PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Quant Time: Jul 25 04:14:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

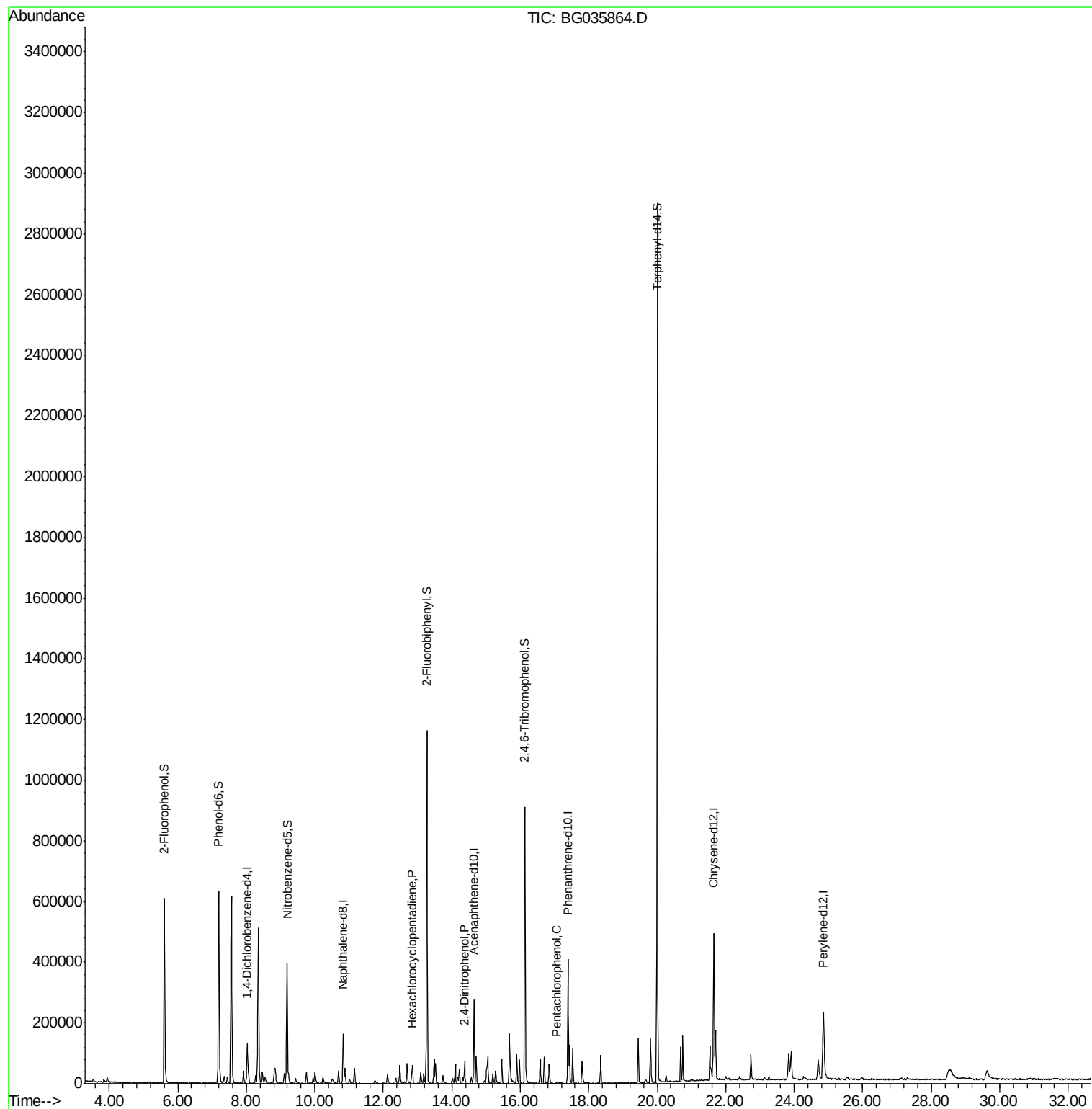
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35891	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	136197	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	95941	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	256855	20.00	ng	0.00
75) Chrysene-d12	21.66	240	298456	20.00	ng	0.00
86) Perylene-d12	24.85	264	278053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	281156	130.06	ng	0.00
7) Phenol-d6	7.19	99	400152	124.06	ng	0.00
23) Nitrobenzene-d5	9.19	82	270667	83.02	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	170237	134.62	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	639533	89.31	ng	0.00
78) Terphenyl-d14	20.00	244	1375382	101.58	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.83	237	6785	3.573	ng	86
53) 2,4-Dinitrophenol	14.36	184	58	6.643	ng	# 1
69) Pentachlorophenol	17.06	266	1502	0.804	ng	# 70

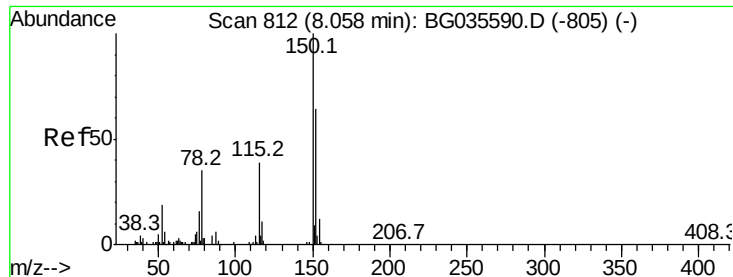
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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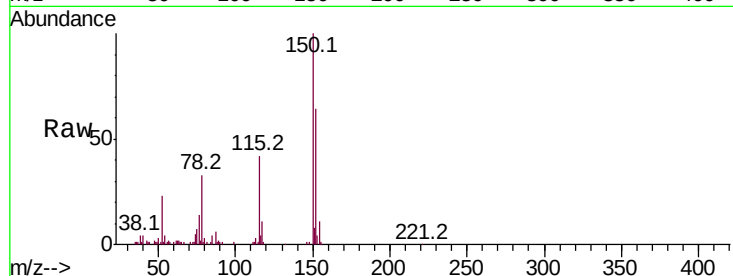


#1

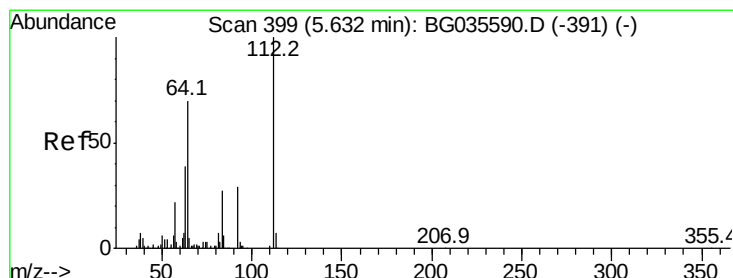
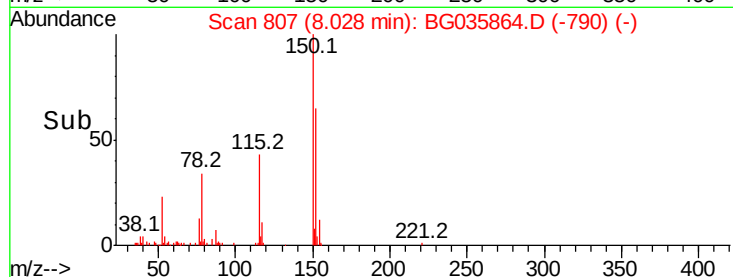
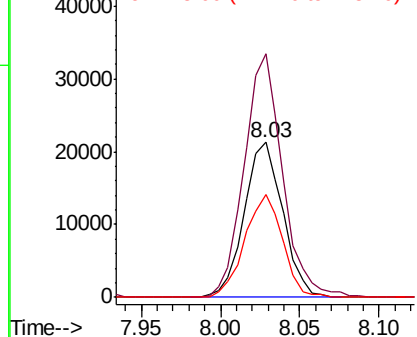
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG035864.D
Acq: 25 Jul 2018 2:27

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion:152 Resp: 35891
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 66.2 53.0 79.4



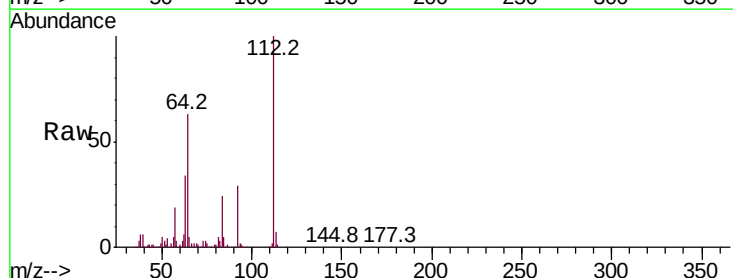
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



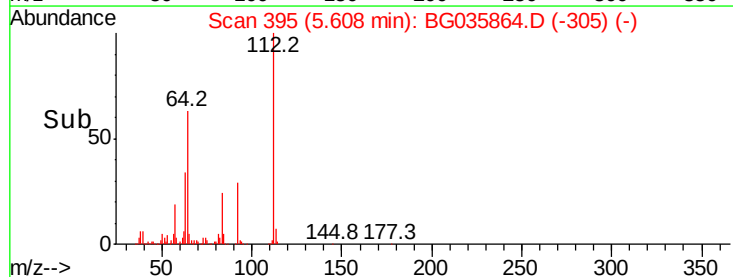
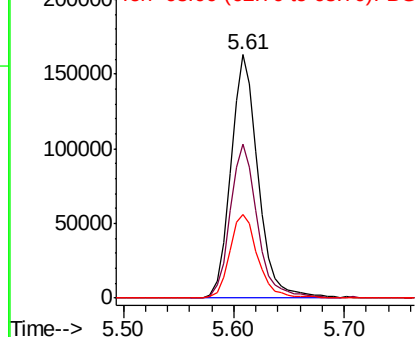
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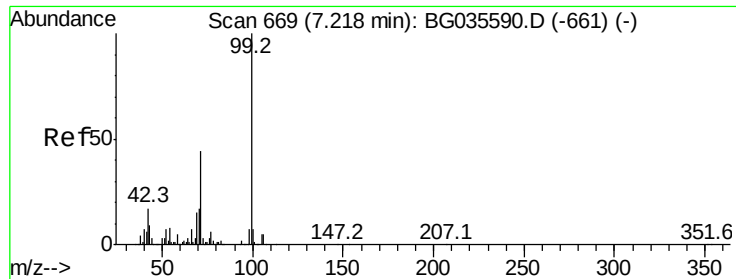
2-Fluorophenol
Concen: 130.056 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035864.D
Acq: 25 Jul 2018 2:27

Tgt Ion:112 Resp: 281156
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 34.4 30.1 45.1



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





#7

Phenol-d6

Concen: 124.063 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035864.D

Acq: 25 Jul 2018 2:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

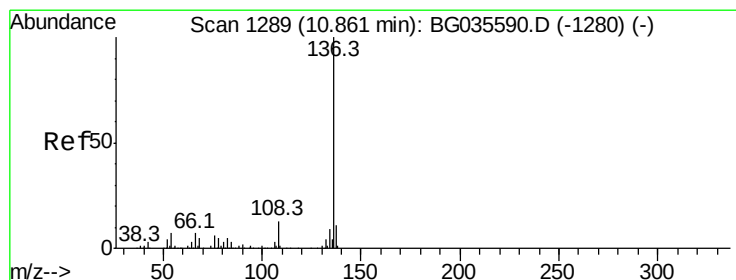
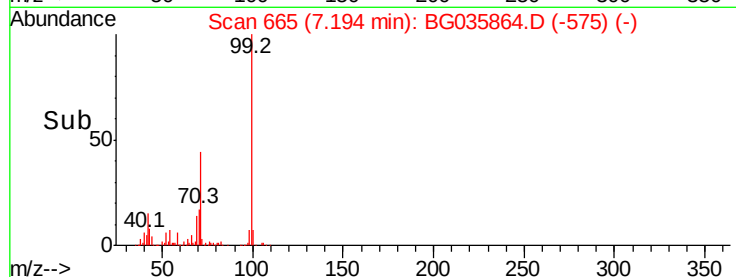
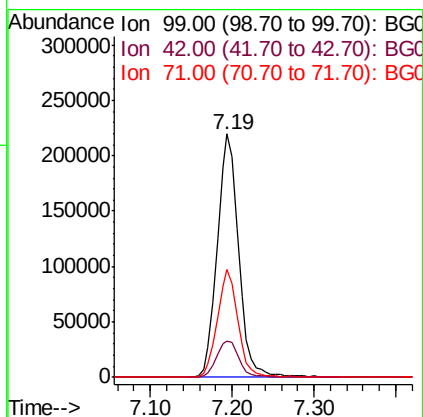
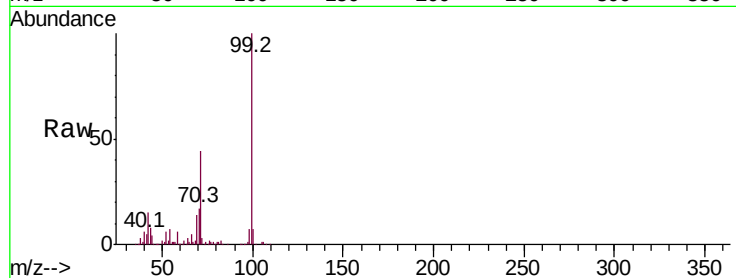
Tot Ion: 99 Resp: 400152

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 44.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035864.D

Acq: 25 Jul 2018 2:27

Tgt Ion: 136 Resp: 136197

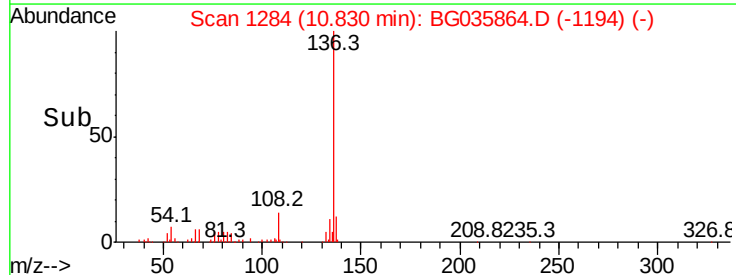
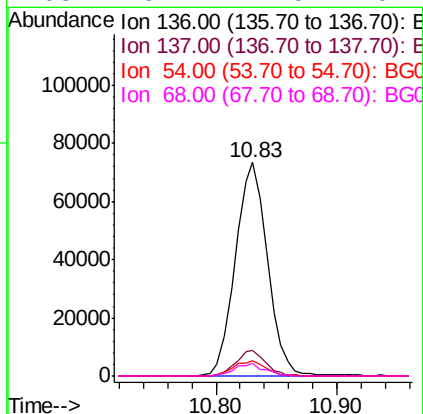
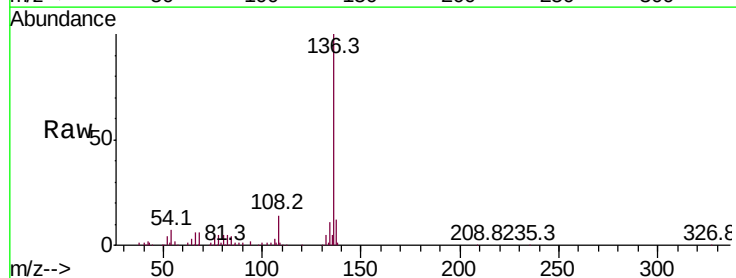
Ion Ratio Lower Upper

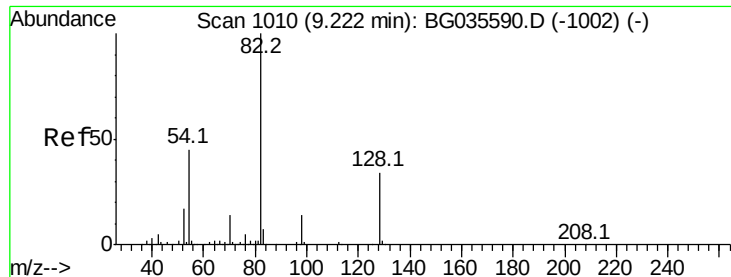
136 100

137 12.0 9.2 13.8

54 7.3 10.3 15.5#

68 5.7 4.5 6.7

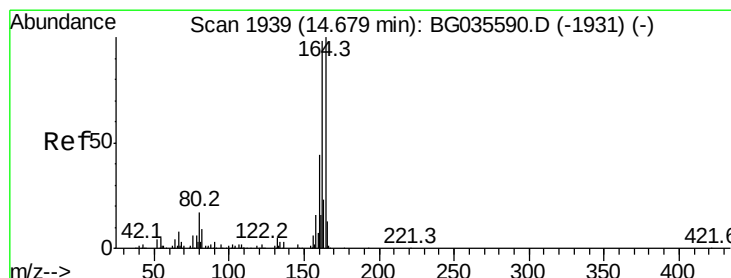
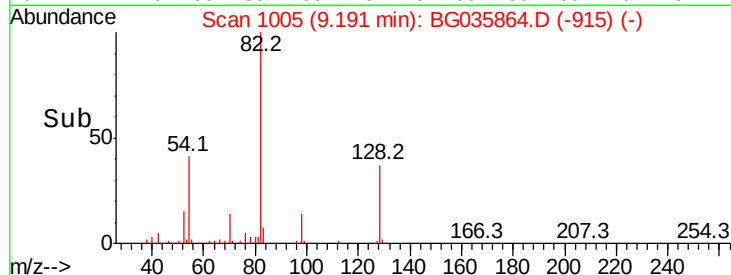
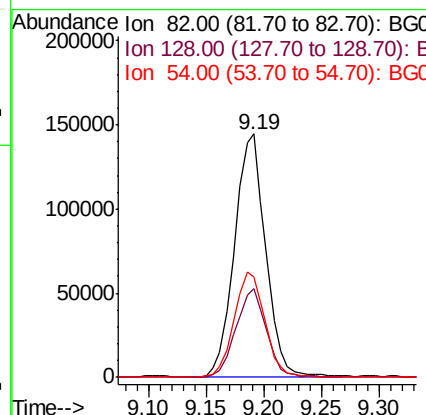
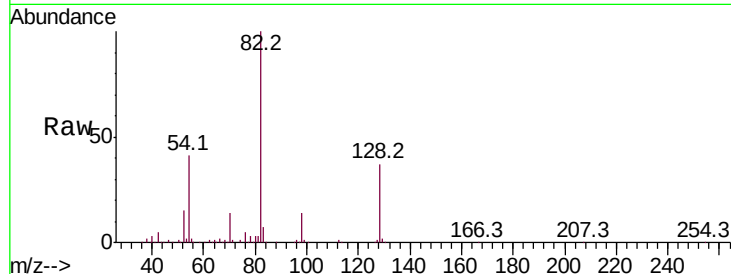




#23
Nitrobenzene-d5
Concen: 83.020 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG035864.D
Acq: 25 Jul 2018 2:27

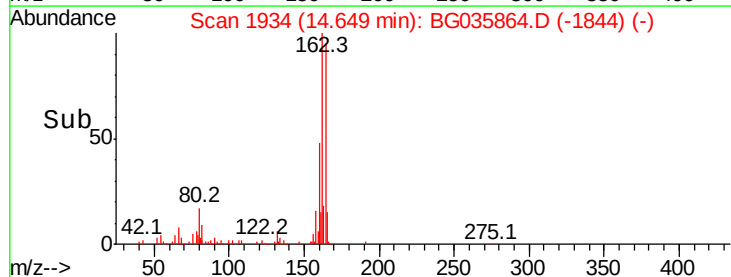
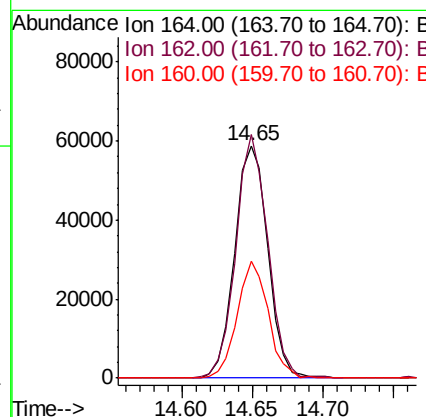
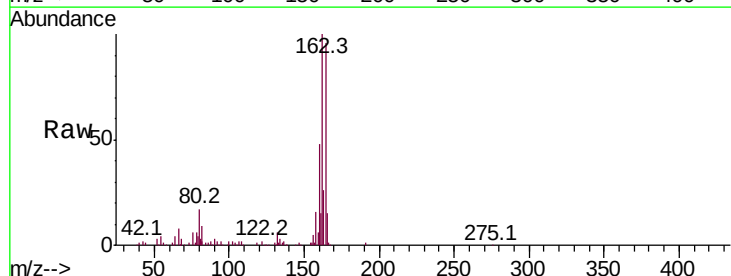
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

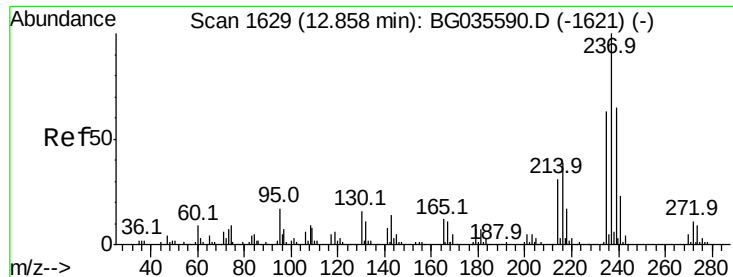
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.7	44.5
54	41.4	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035864.D
Acq: 25 Jul 2018 2:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	50.2	35.4	53.0





#40

Hexachlorocyclopentadiene

Concen: 3.573 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BG035864.D

Acq: 25 Jul 2018 2:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

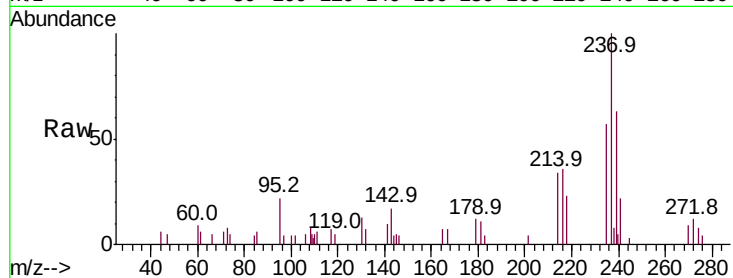
Tot Ion:237 Resp: 6785

Ion Ratio Lower Upper

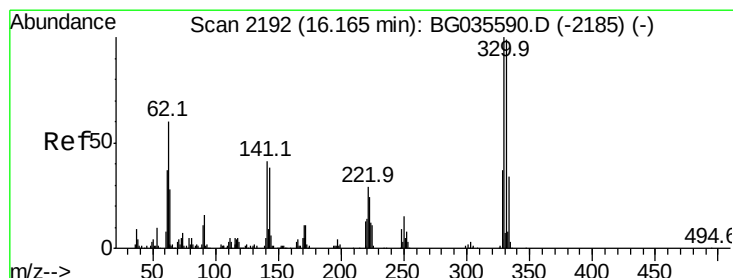
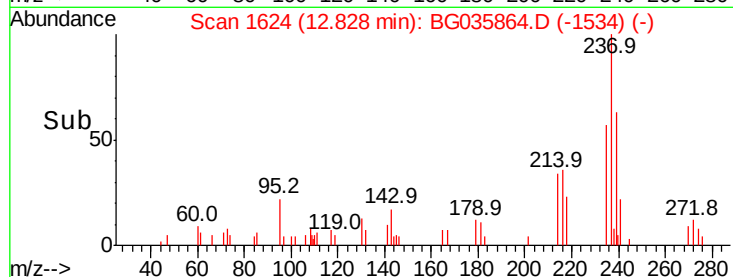
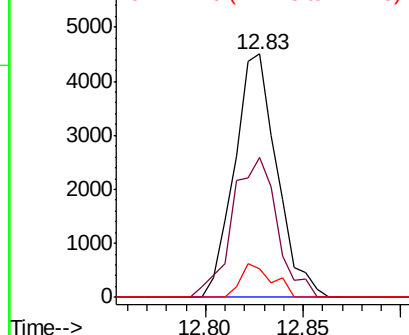
237 100

235 57.4 50.4 90.4

272 11.7 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: 134.621 ng

RT: 16.13 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035864.D

Acq: 25 Jul 2018 2:27

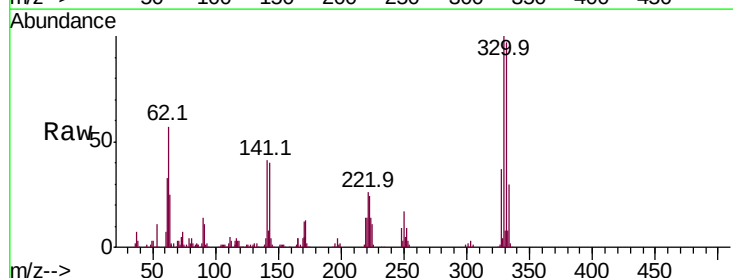
Tgt Ion:330 Resp: 170237

Ion Ratio Lower Upper

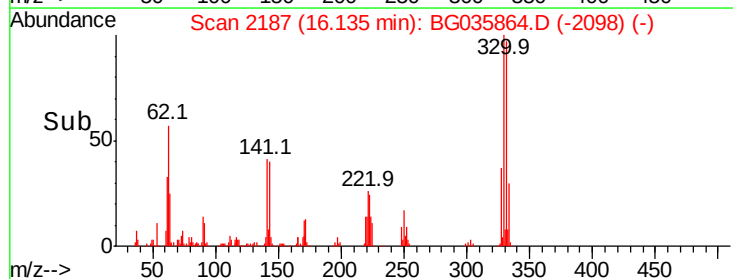
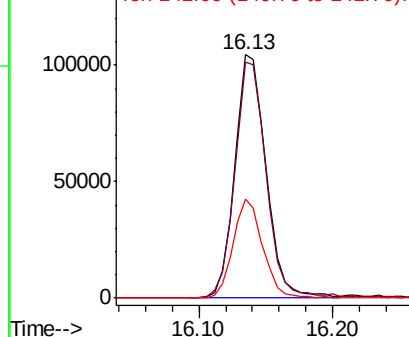
330 100

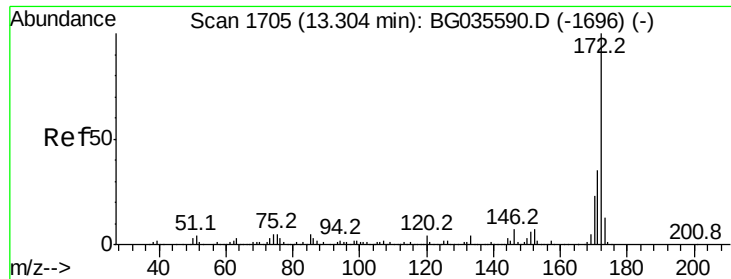
332 98.4 77.0 115.6

141 39.0 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

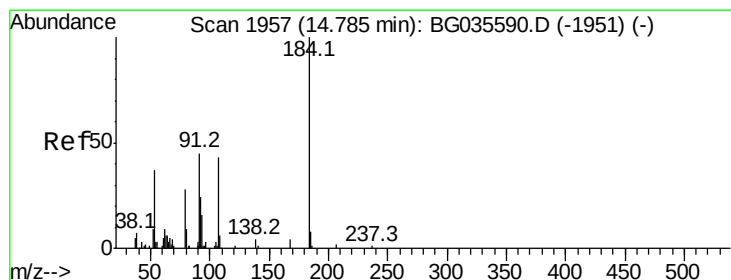
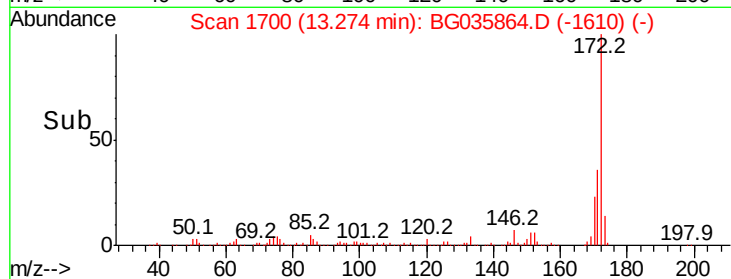
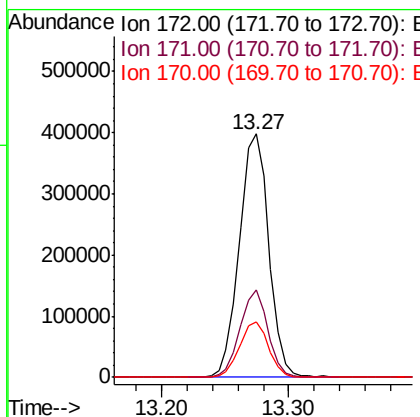
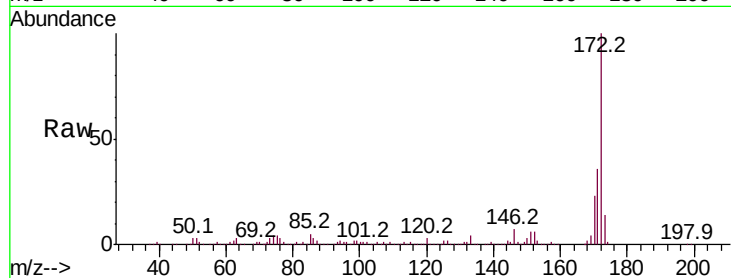




#44
2-Fluorobiphenyl
Concen: 89.306 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035864.D
Acq: 25 Jul 2018 2:27

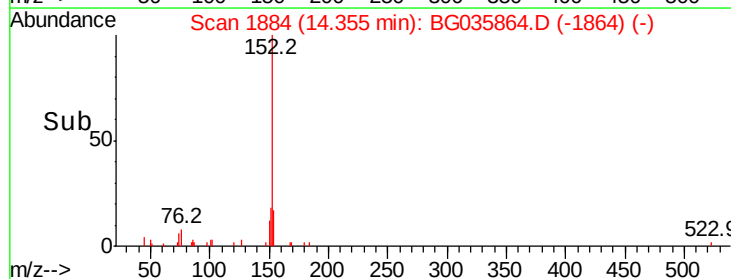
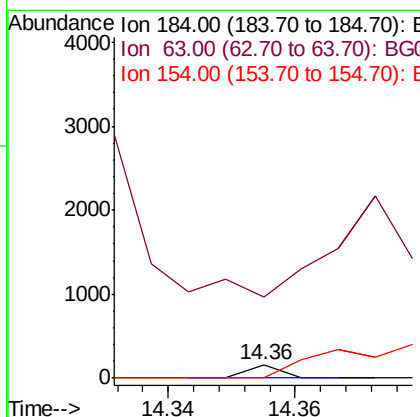
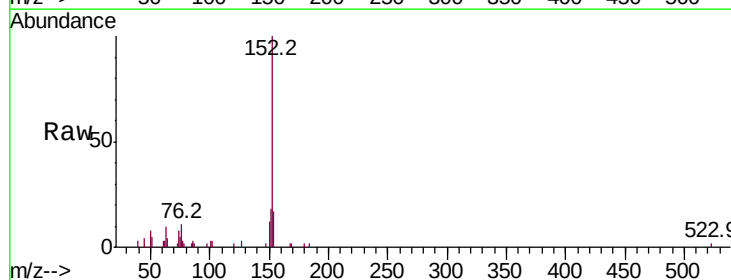
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ClientSampleId :
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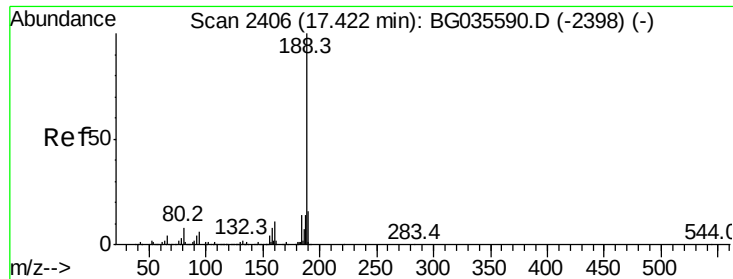
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	22.9	19.5	29.3



#53
2,4-Dinitrophenol
Concen: 6.643 ng
RT: 14.36 min Scan# 1884
Delta R.T. -0.41 min
Lab File: BG035864.D
Acq: 25 Jul 2018 2:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	586.6	59.8	89.8#
154	0.0	101.8	152.8#

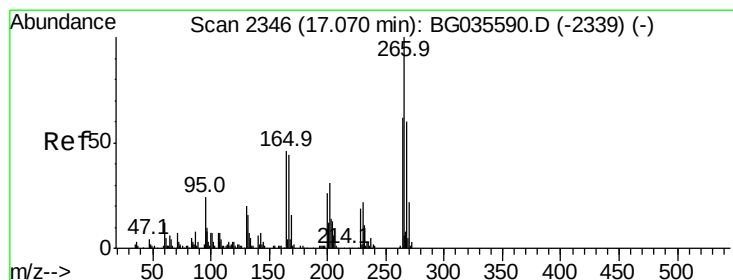
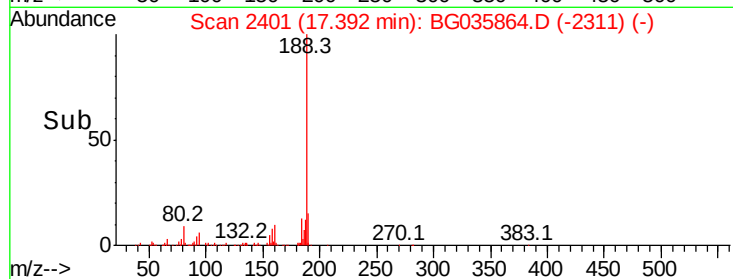
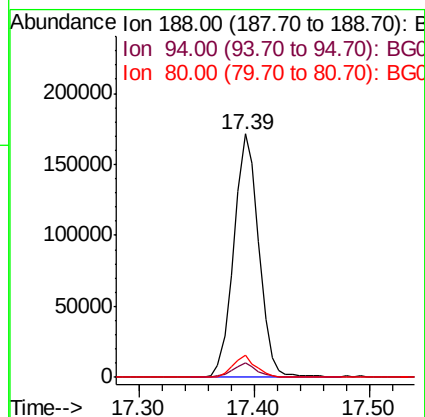
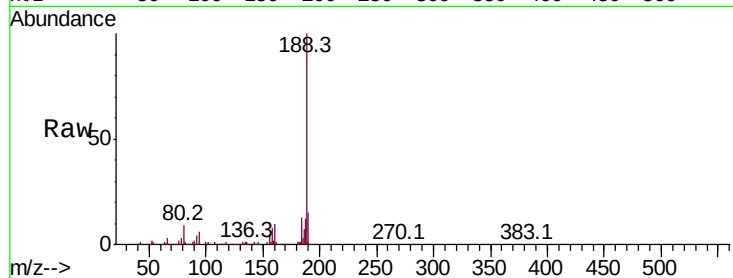




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035864.D
Acq: 25 Jul 2018 2:27

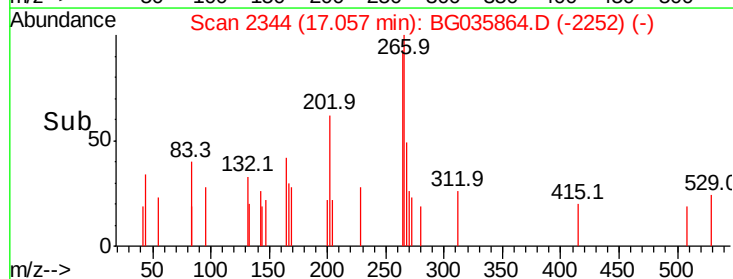
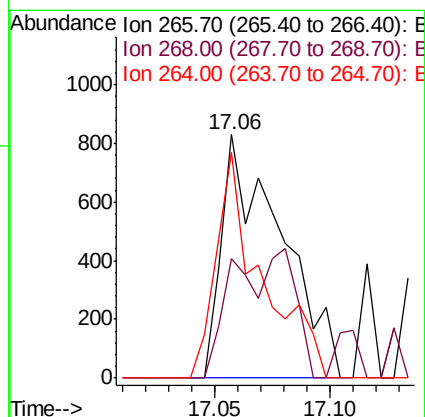
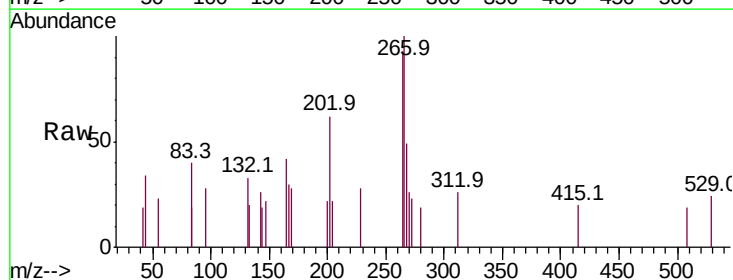
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT3-2018

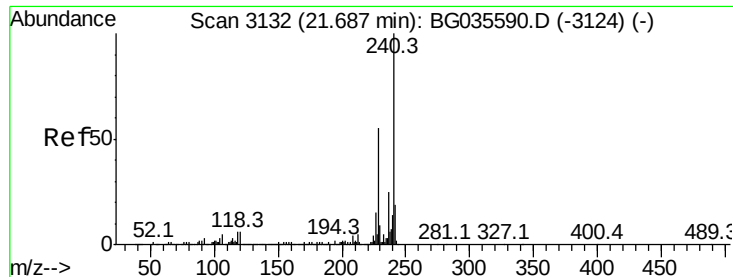
Tot Ion:188 Resp: 256855
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 9.1 7.7 11.5



#69
Pentachlorophenol
Concen: 0.804 ng
RT: 17.06 min Scan# 2344
Delta R.T. 0.01 min
Lab File: BG035864.D
Acq: 25 Jul 2018 2:27

Tgt Ion:266 Resp: 1502
Ion Ratio Lower Upper
266 100
268 48.8 51.1 76.7#
264 92.9 49.6 74.4#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035864.D

Acq: 25 Jul 2018 2:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT3-2018

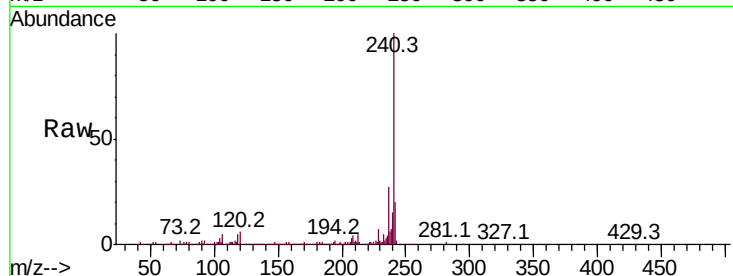
Tot Ion:240 Resp: 298456

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

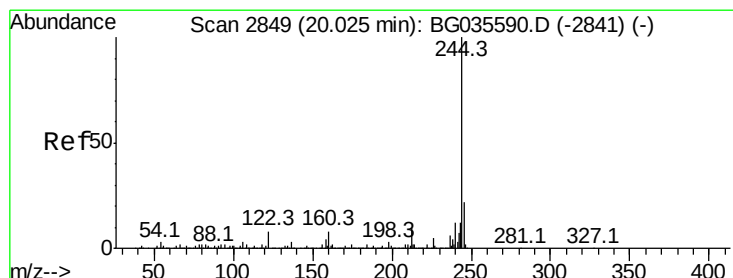
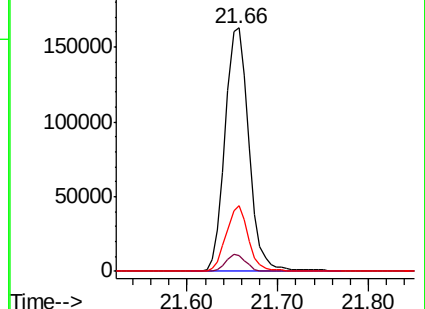
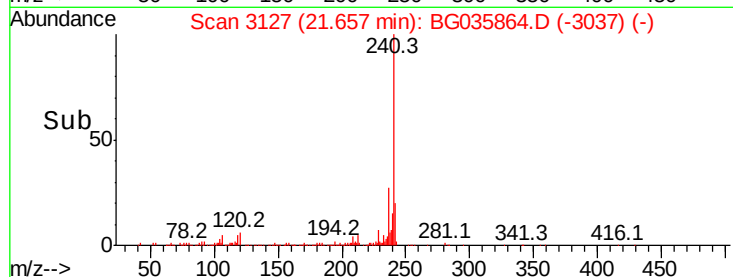
236 26.9 20.9 31.3



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: 101.581 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035864.D

Acq: 25 Jul 2018 2:27

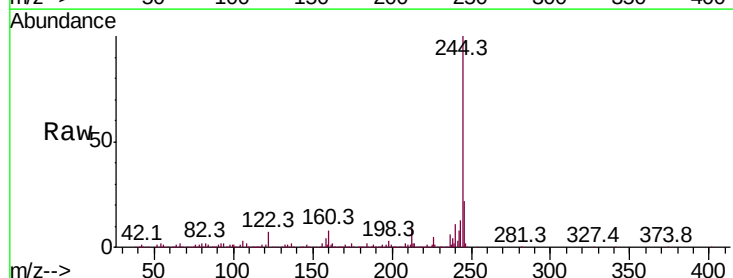
Tgt Ion:244 Resp: 1375382

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

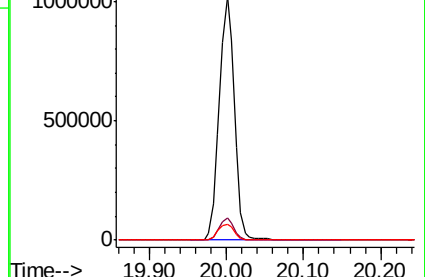
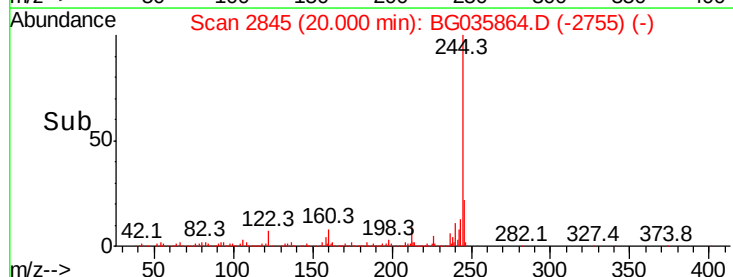
122 6.5 7.0 10.4#

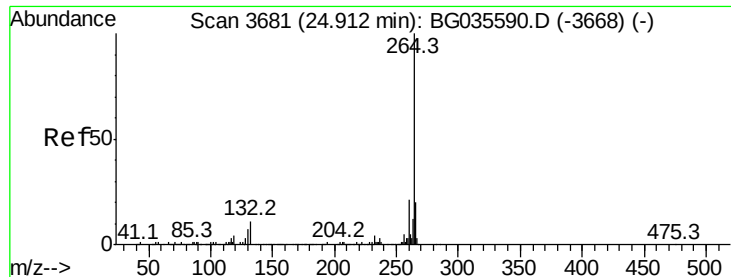


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

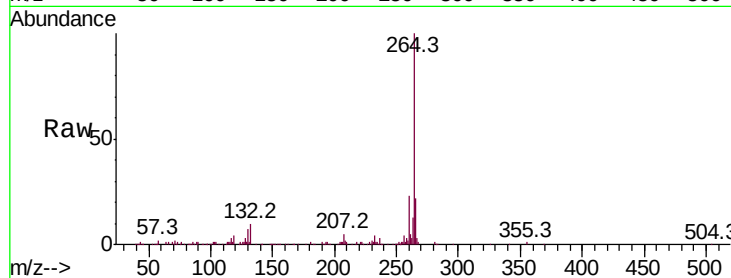




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035864.D
 Acq: 25 Jul 2018 2:27

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.1	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

