

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
 Data File : BG043076.D
 Acq On : 7 Oct 2019 20:27
 Operator : JU
 Sample : K5154-24
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-101S

Quant Time: Oct 08 02:58:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

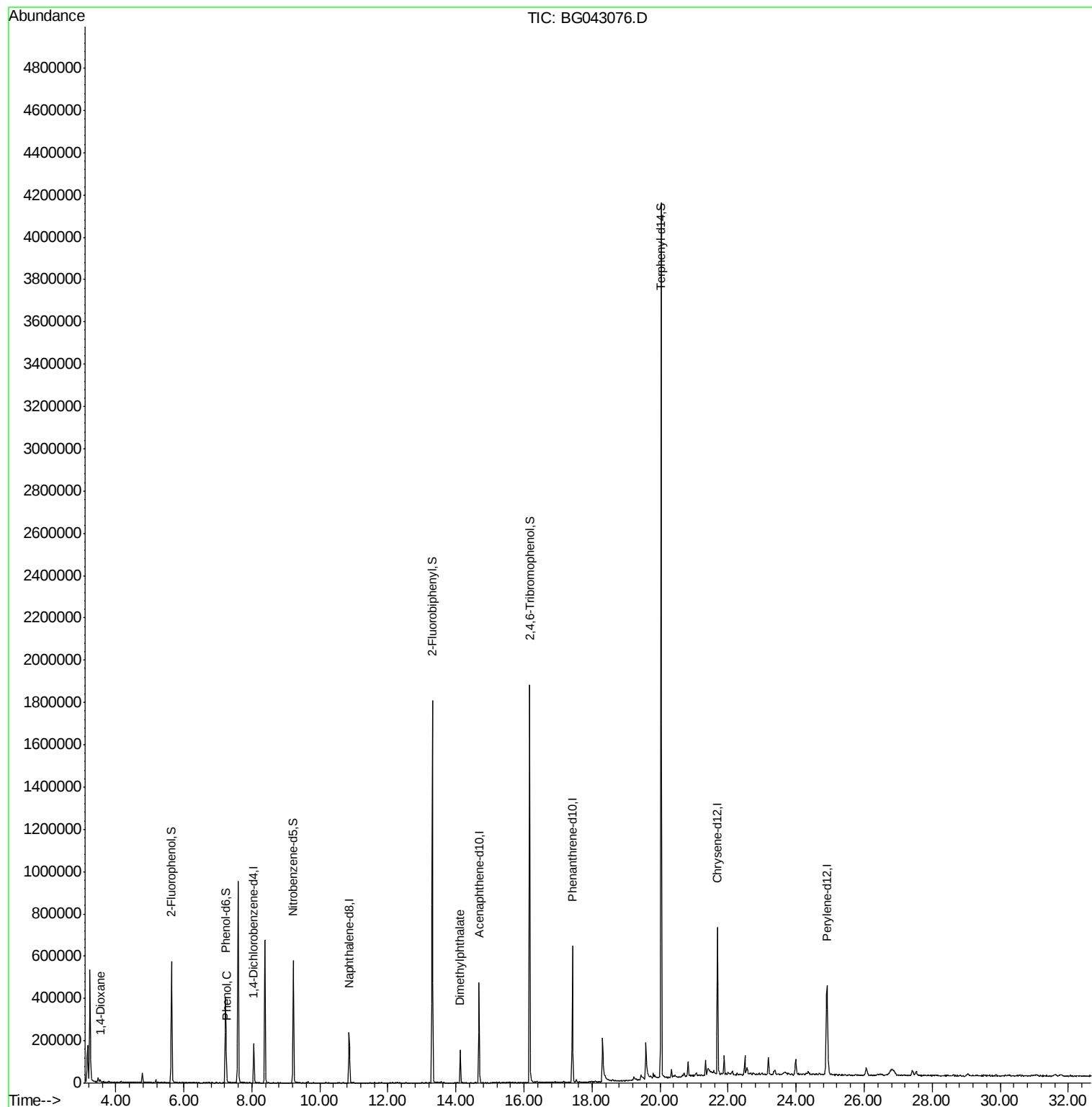
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56297	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	213482	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	166218	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	406046	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	417644	20.00	ng	-0.03
87) Perylene-d12	24.91	264	488321	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	251392	79.69	ng	-0.02
7) Phenol-d6	7.23	99	240007	52.83	ng	-0.02
23) Nitrobenzene-d5	9.22	82	368711	83.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	423220	148.07	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	974089	84.96	ng	-0.02
79) Terphenyl-d14	20.03	244	2014391	102.78	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.54	88	4919	3.740	ng	Qvalue # 81
10) Phenol	7.26	94	15056	3.612	ng	99
50) Dimethylphthalate	14.13	163	100744	8.089	ng	96

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

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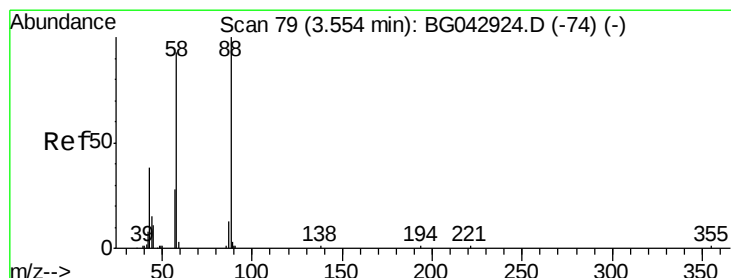
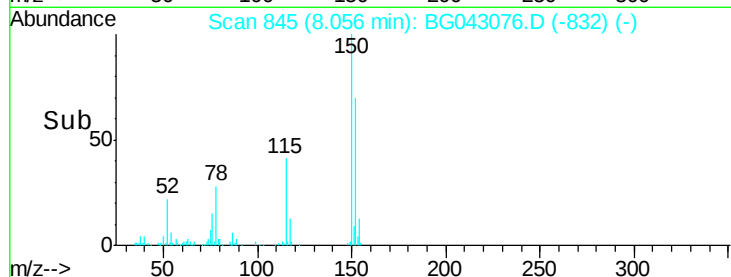
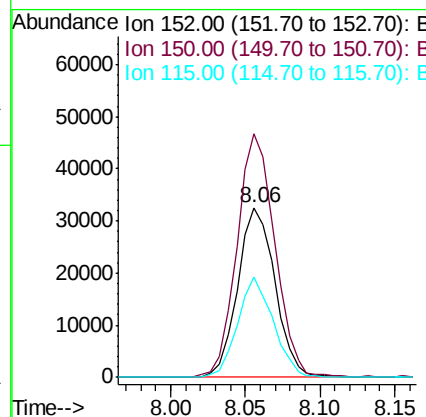
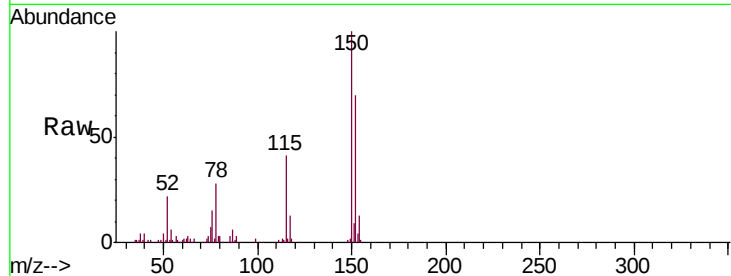


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG043076.D
Acq: 7 Oct 2019 20:27

Instrument :
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MW-101S

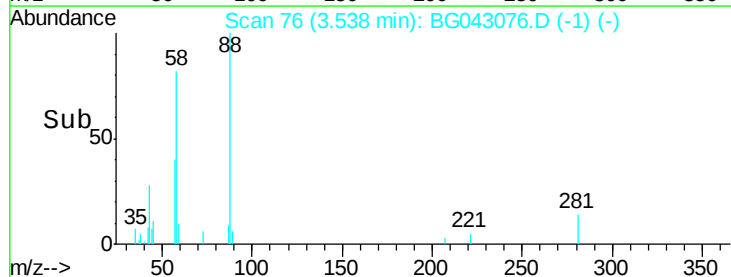
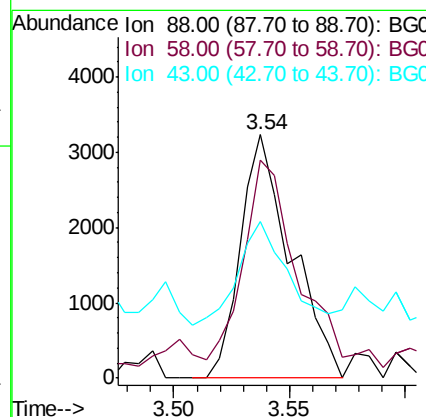
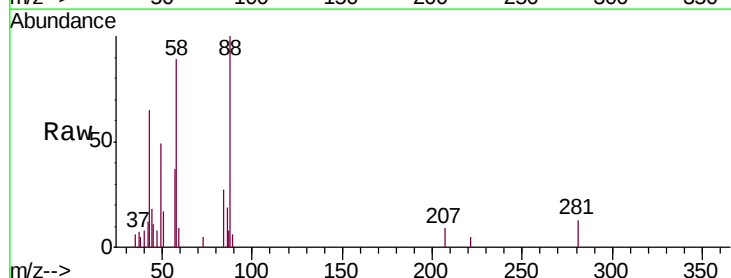
Tgt Ion:152 Resp: 56297
Ion Ratio Lower Upper
152 100
150 143.6 115.0 172.4
115 59.0 47.0 70.6

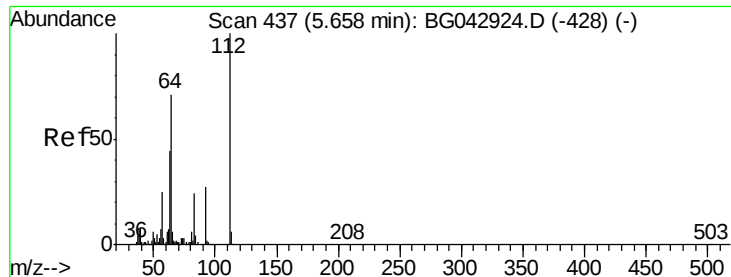


#2

1,4-Dioxane
Concen: 3.740 ng
RT: 3.54 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG043076.D
Acq: 7 Oct 2019 20:27

Tgt Ion: 88 Resp: 4919
Ion Ratio Lower Upper
88 100
58 91.5 74.3 111.5
43 0.0 29.8 44.8#





#5

2-Fluorophenol

Concen: 79.692 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG043076.D

Acq: 7 Oct 2019 20:27

Instrument :

BNA_G

ClientSampleId :

MW-101S

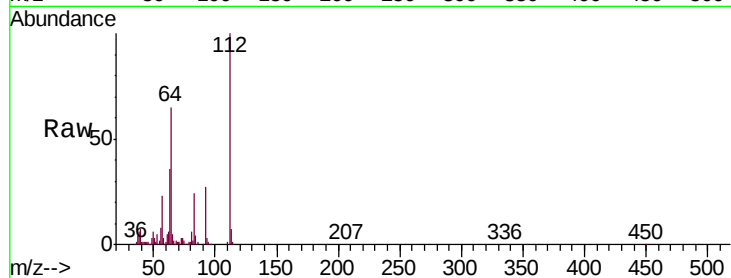
Tgt Ion: 112 Resp: 251392

Ion Ratio Lower Upper

112 100

64 65.4 56.6 84.8

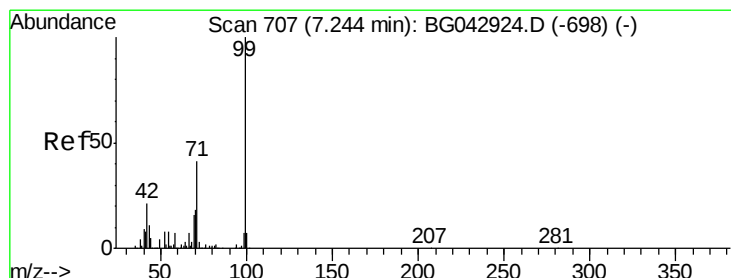
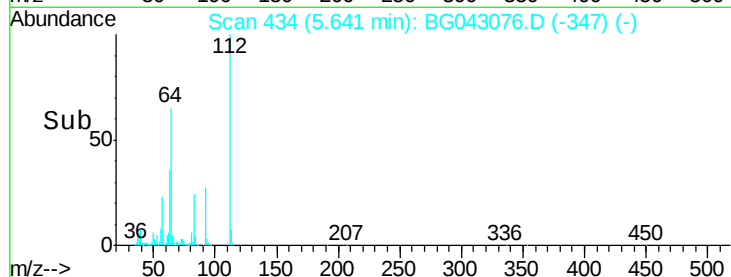
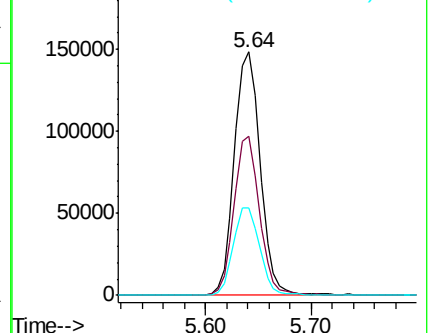
63 36.1 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 52.833 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BG043076.D

Acq: 7 Oct 2019 20:27

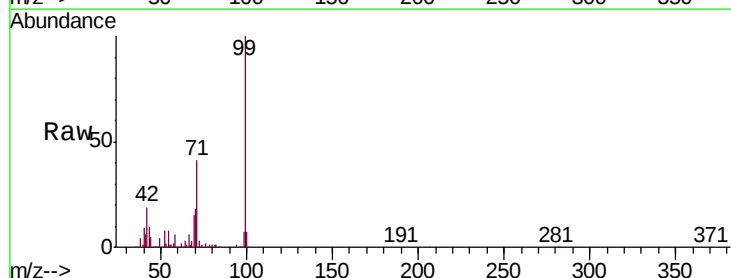
Tgt Ion: 99 Resp: 240007

Ion Ratio Lower Upper

99 100

42 19.1 17.2 25.8

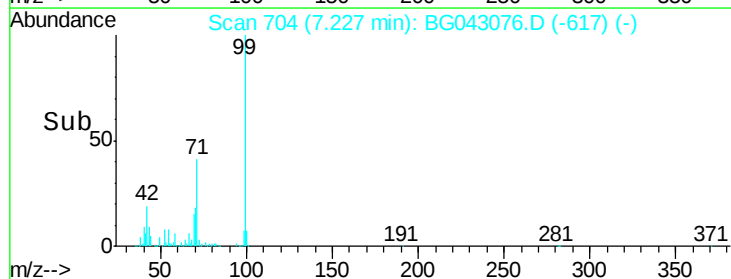
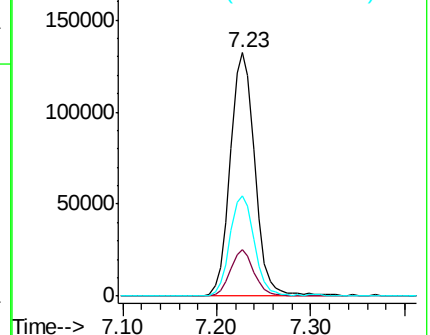
71 41.0 33.1 49.7

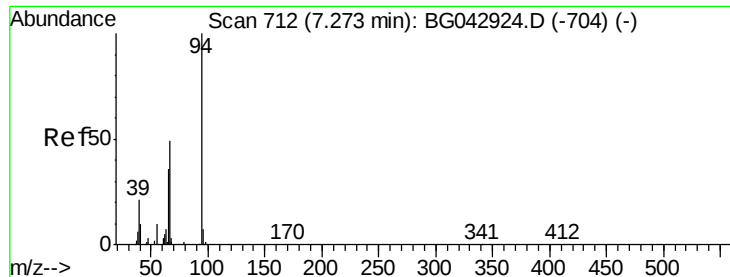


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 3.612 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG043076.D

Acq: 7 Oct 2019 20:27

Instrument :

BNA_G

ClientSampleId :

MW-101S

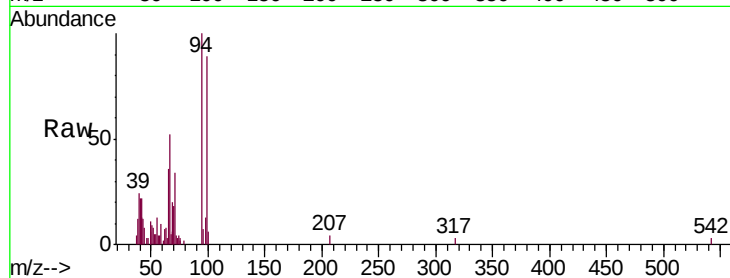
Tgt Ion: 94 Resp: 15056

Ion Ratio Lower Upper

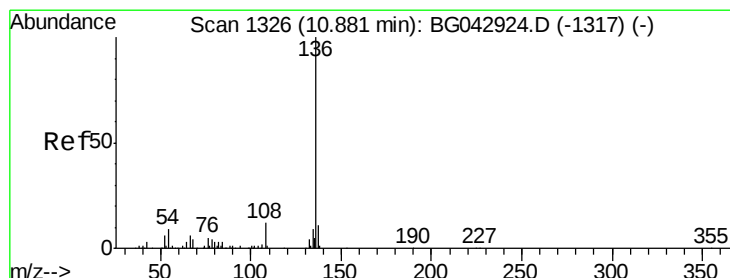
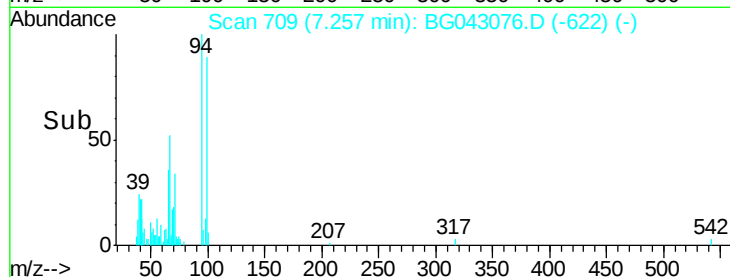
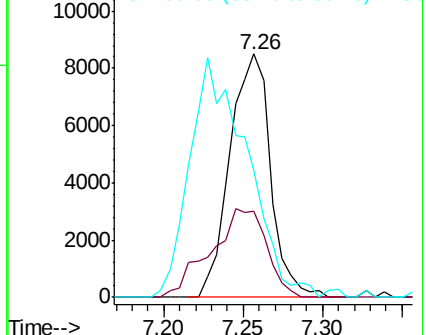
94 100

65 35.6 16.6 56.6

66 52.3 32.4 72.4



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: 10.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BG043076.D

Acq: 7 Oct 2019 20:27

Tgt Ion: 136 Resp: 213482

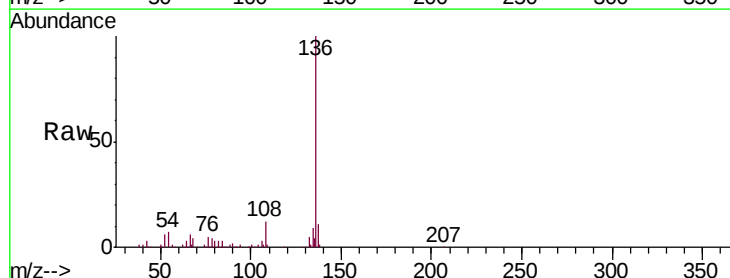
Ion Ratio Lower Upper

136 100

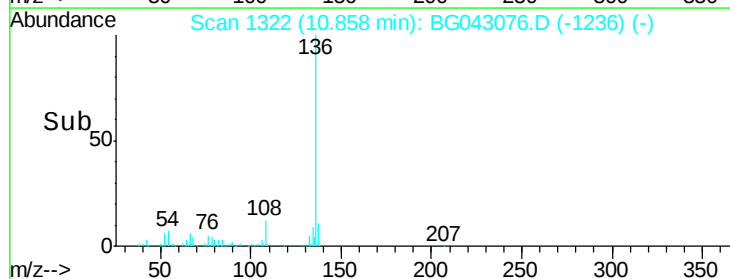
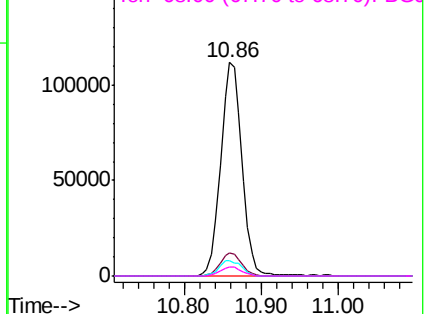
137 10.9 8.5 12.7

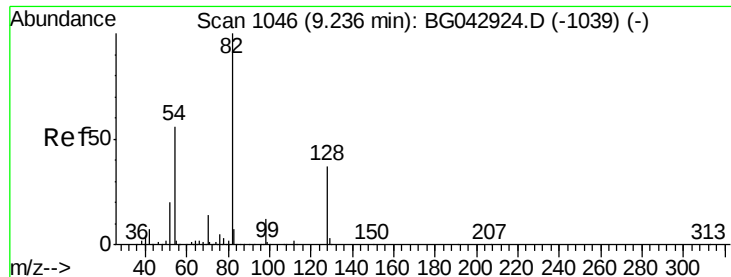
54 7.3 7.4 11.2#

68 4.4 3.6 5.4



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: 83.947 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG043076.D

Acq: 7 Oct 2019 20:27

Instrument :

BNA_G

ClientSampleId :

MW-101S

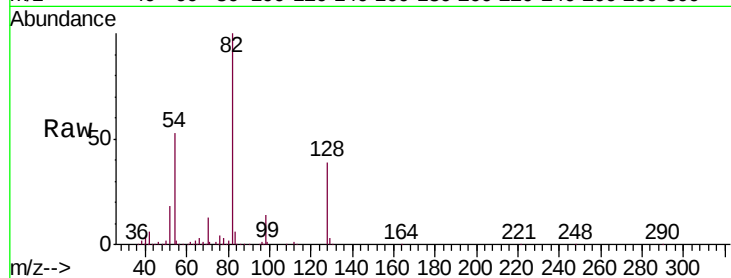
Tgt Ion: 82 Resp: 368711

Ion Ratio Lower Upper

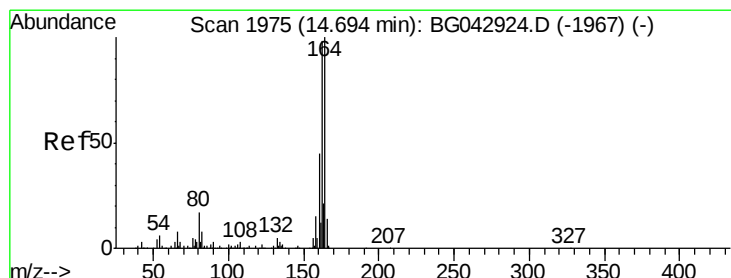
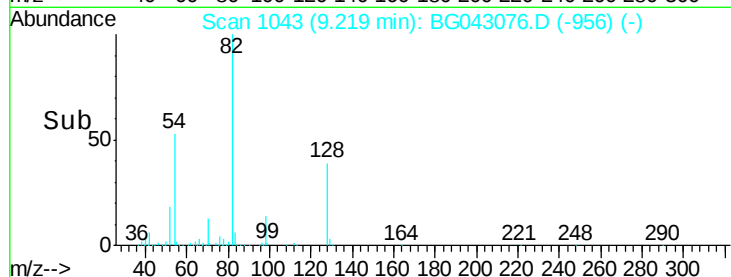
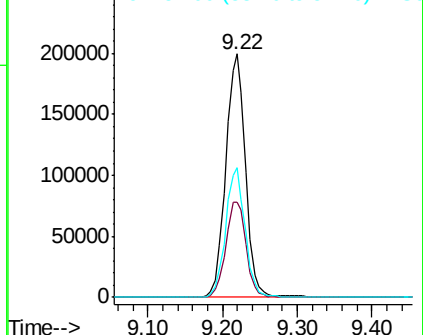
82 100

128 39.3 29.5 44.3

54 53.1 44.6 67.0



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: 14.68 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG043076.D

Acq: 7 Oct 2019 20:27

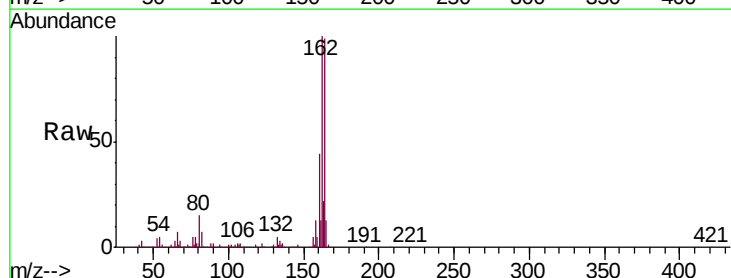
Tgt Ion: 164 Resp: 166218

Ion Ratio Lower Upper

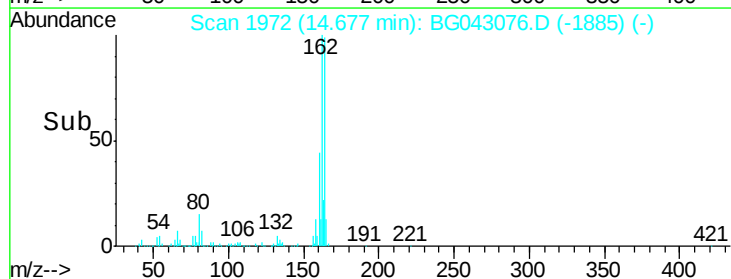
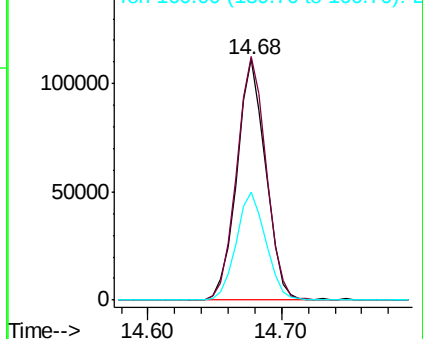
164 100

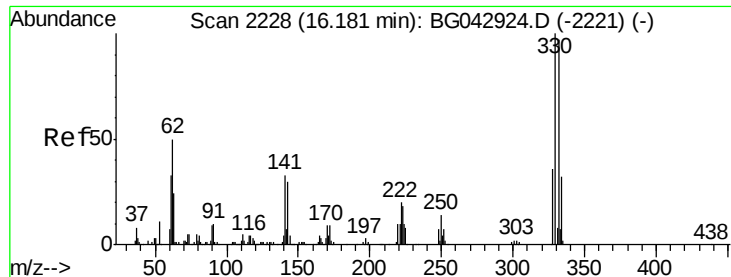
162 101.1 78.5 117.7

160 44.7 35.9 53.9



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

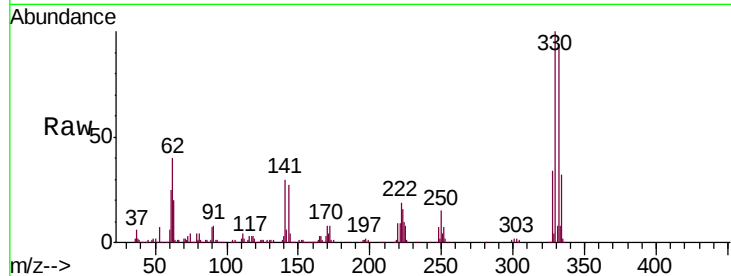




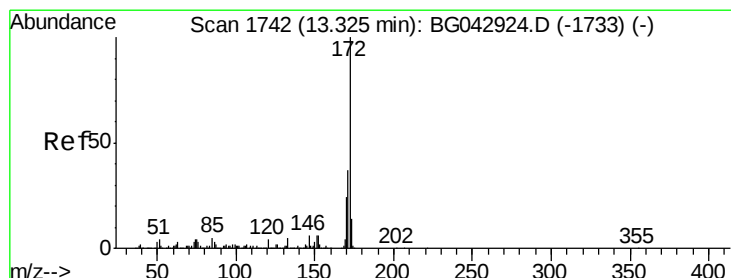
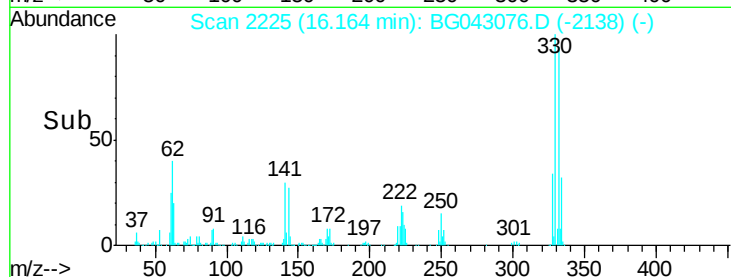
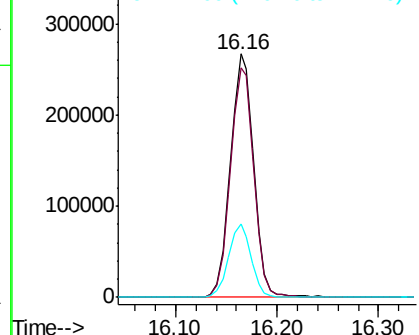
#42
 2,4,6-Tribromophenol
 Concen: 148.071 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.02 min
 Lab File: BG043076.D
 Acq: 7 Oct 2019 20:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-101S

Tgt Ion:330 Resp: 423220
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.2 117.2
 141 29.5 26.0 39.0

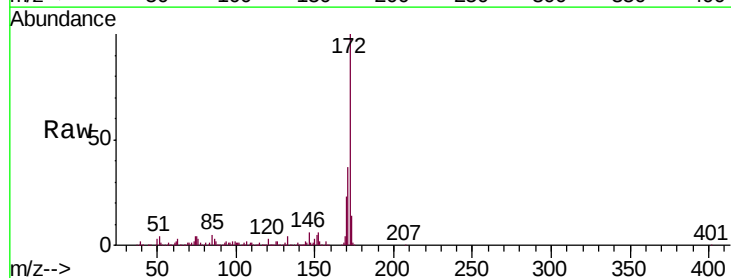


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

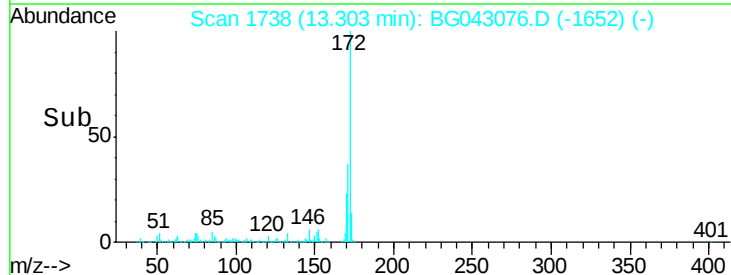
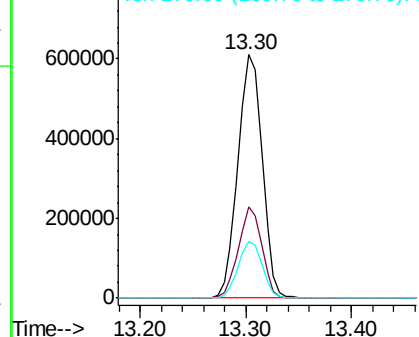


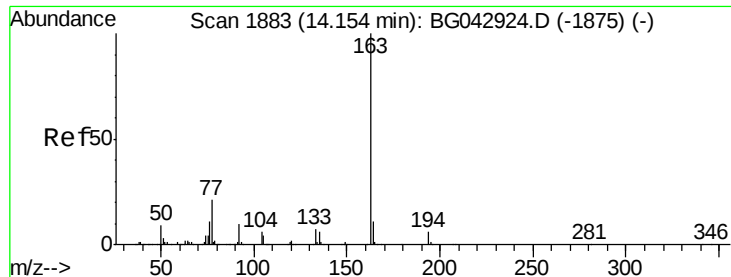
#45
 2-Fluorobiphenyl
 Concen: 84.957 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG043076.D
 Acq: 7 Oct 2019 20:27

Tgt Ion:172 Resp: 974089
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 23.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.089 ng

RT: 14.13 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG043076.D

Acq: 7 Oct 2019 20:27

Instrument :

BNA_G

ClientSampleId :

MW-101S

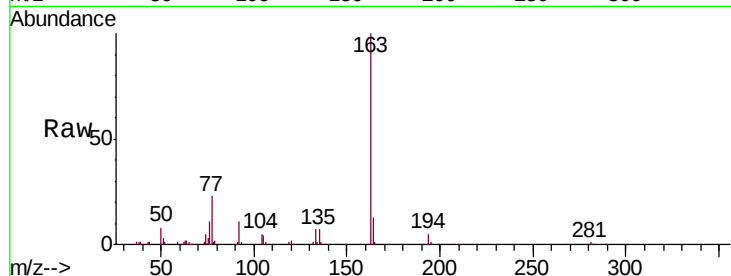
Tgt Ion:163 Resp: 100744

Ion Ratio Lower Upper

163 100

194 5.5 4.4 6.6

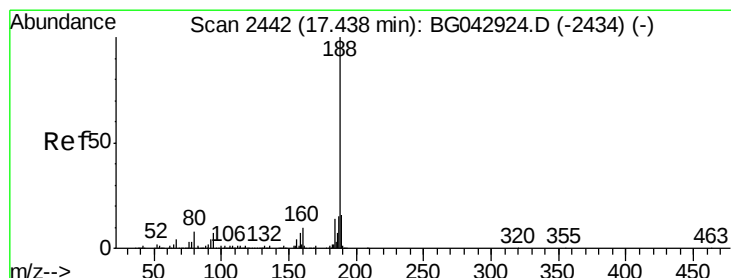
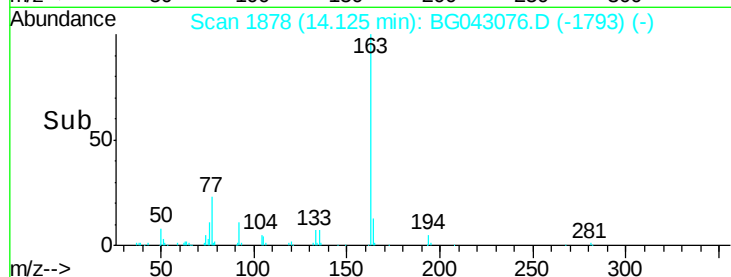
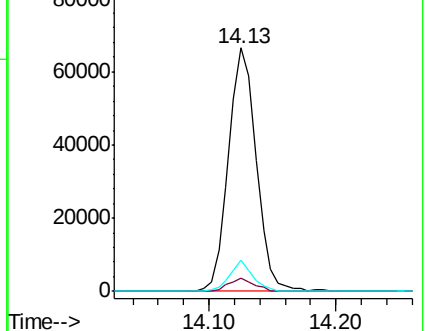
164 12.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BG043076.D

Acq: 7 Oct 2019 20:27

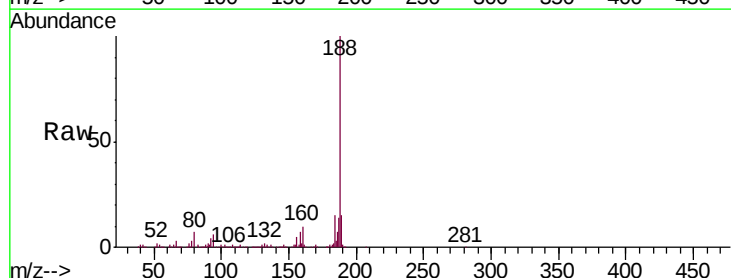
Tgt Ion:188 Resp: 406046

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

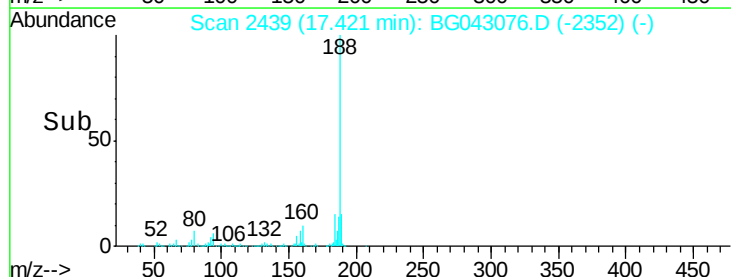
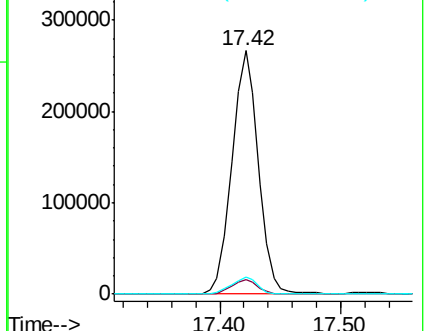
80 6.8 6.5 9.7

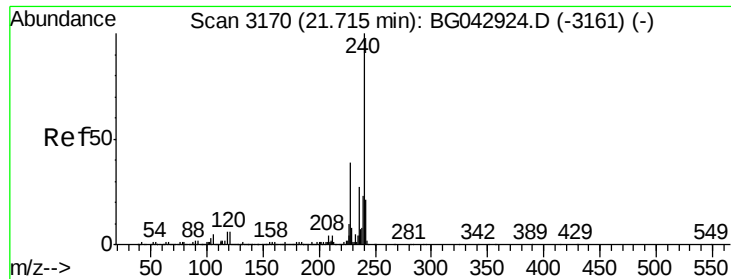


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

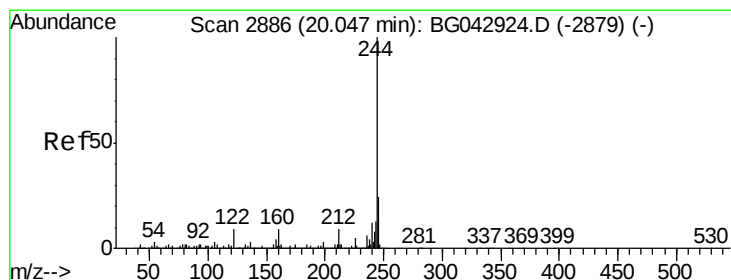
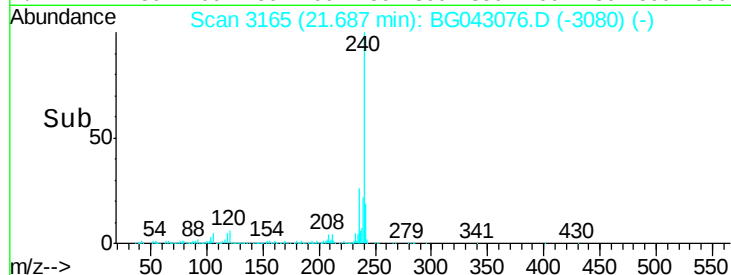
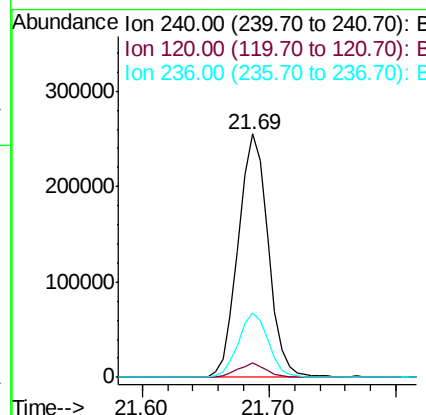
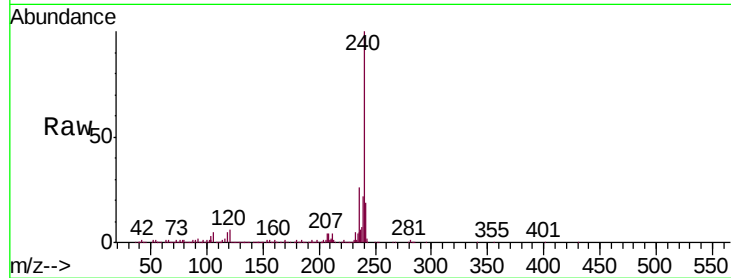




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.03 min
 Lab File: BG043076.D
 Acq: 7 Oct 2019 20:27

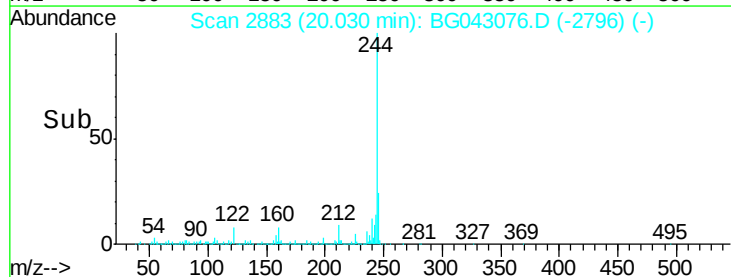
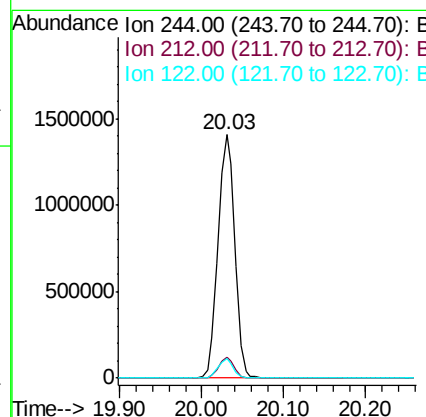
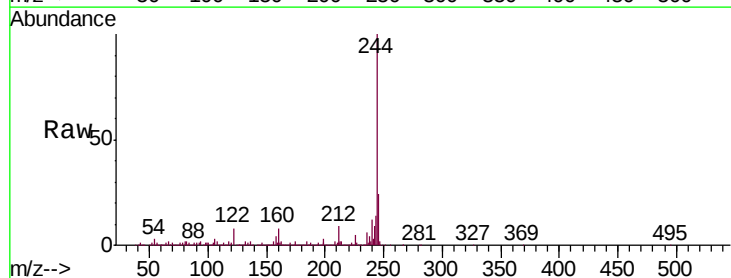
Instrument :
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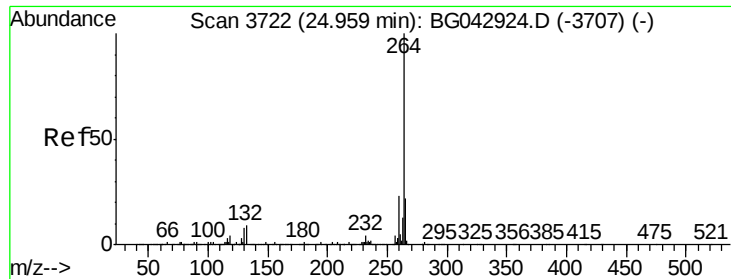
Tgt Ion:240 Resp: 417644
 Ion Ratio Lower Upper
 240 100
 120 6.1 4.8 7.2
 236 26.2 21.4 32.0



#79
 Terphenyl-d14
 Concen: 102.777 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.02 min
 Lab File: BG043076.D
 Acq: 7 Oct 2019 20:27

Tgt Ion:244 Resp: 2014391
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.4 11.0
 122 7.9 7.0 10.4





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3713
 Delta R.T. -0.05 min
 Lab File: BG043076.D
 Acq: 7 Oct 2019 20:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-101S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	21.6	17.7	26.5

