

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
 Data File : BG043025.D
 Acq On : 4 Oct 2019 5:00
 Operator : JU
 Sample : K4660-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-GROUNDWATER

Quant Time: Oct 04 07:49:38 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

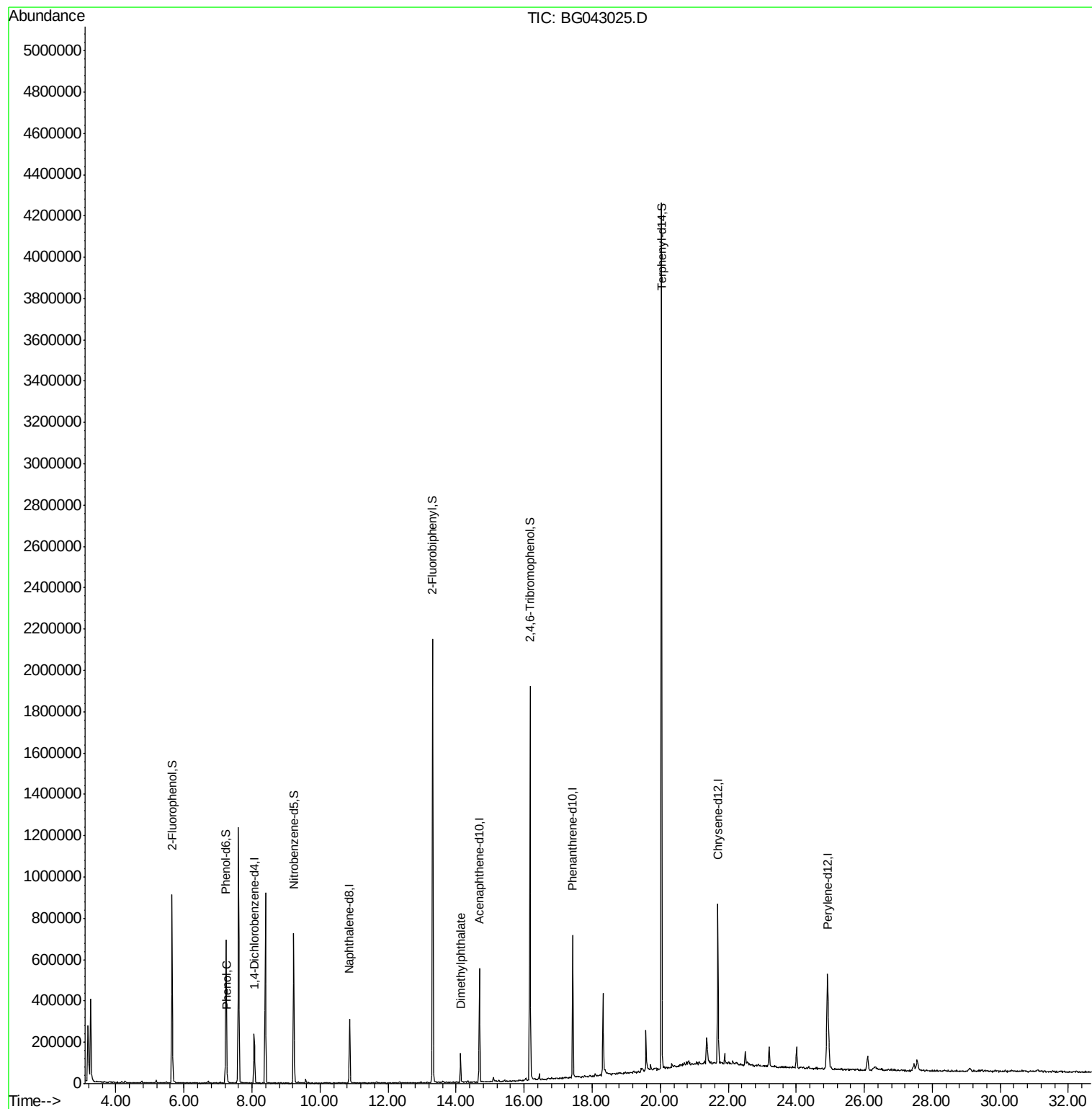
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	72442	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	272600	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	194306	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	439172	20.00	ng	0.00
76) Chrysene-d12	21.70	240	485739	20.00	ng	-0.02
87) Perylene-d12	24.92	264	554936	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	390923	96.30	ng	0.00
7) Phenol-d6	7.24	99	401057	68.61	ng	0.00
23) Nitrobenzene-d5	9.23	82	455648	81.24	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	428544	128.26	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1142050	85.21	ng	-0.01
79) Terphenyl-d14	20.04	244	1940671	85.13	ng	0.00
Target Compounds						
10) Phenol	7.27	94	19248	3.589	ng	99
50) Dimethylphthalate	14.13	163	94142	6.466	ng	97

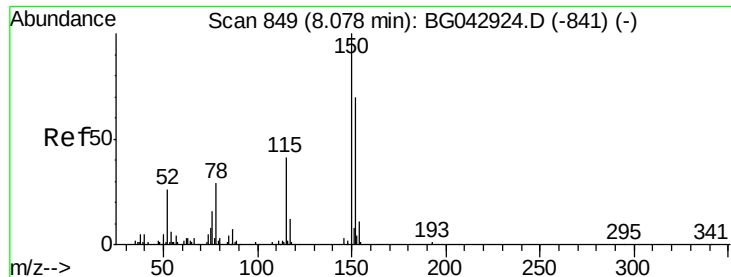
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043025.D
Acq On : 4 Oct 2019 5:00
Operator : JU
Sample : K4660-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Quant Time: Oct 04 07:49:38 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



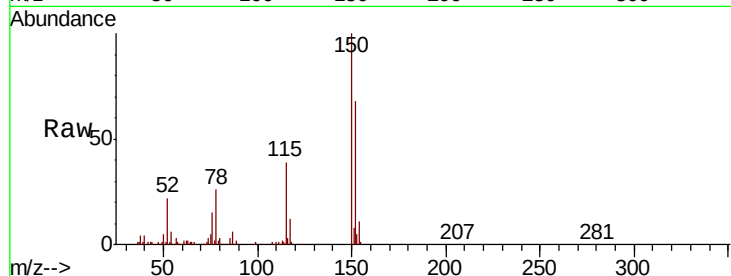


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	115.0	172.4
115	57.9	47.0	70.6

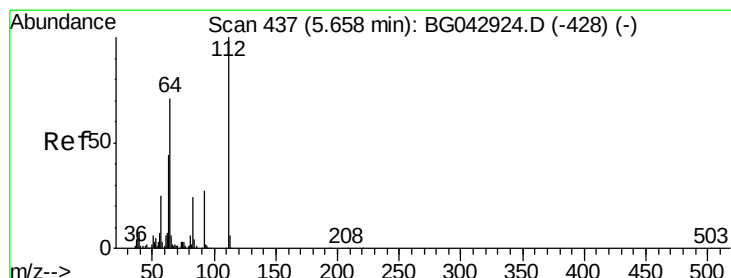
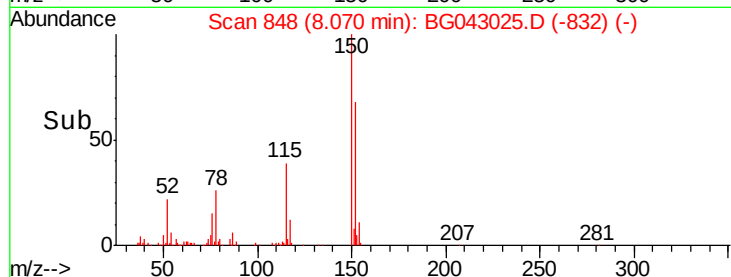
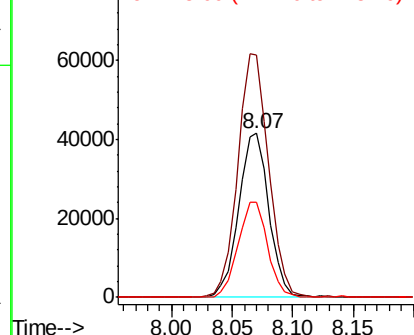


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

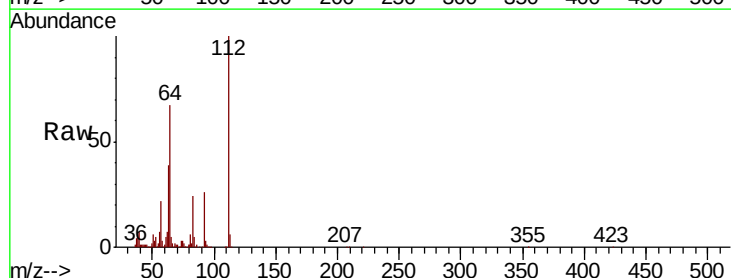
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.305 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.7	56.6	84.8
63	38.8	35.1	52.7

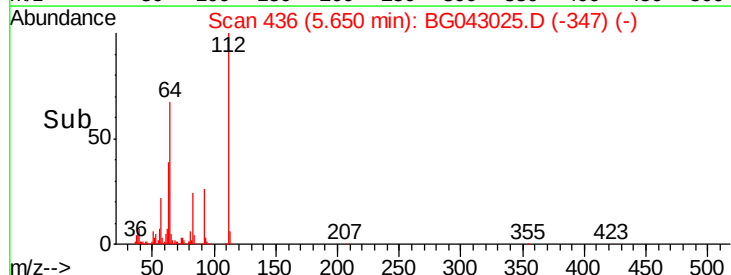
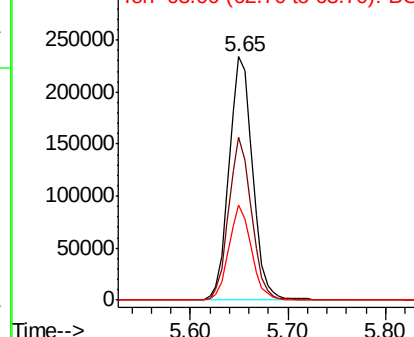


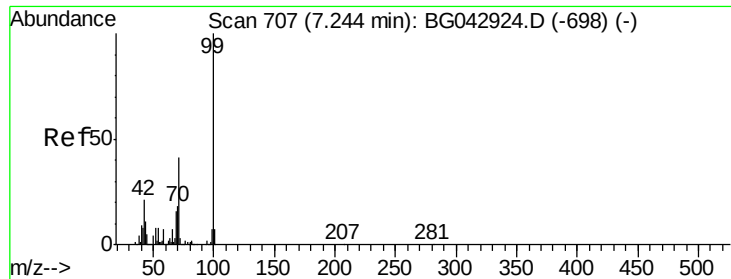
Abundance

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: 68.609 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043025.D

Acq: 4 Oct 2019 5:00

Instrument :

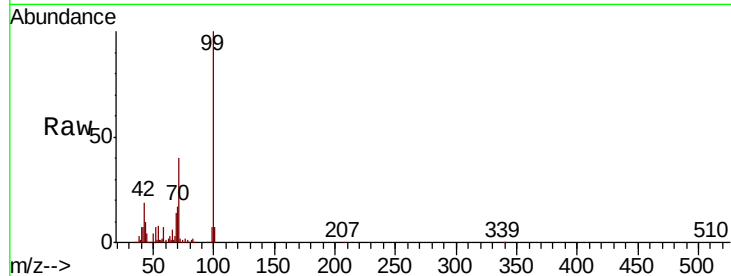
BNA_G

ClientSampleId :

TP-1-GROUNDWATER

Tot Ion: 99 Resp: 401057

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.2	25.8
71	39.8	33.1	49.7

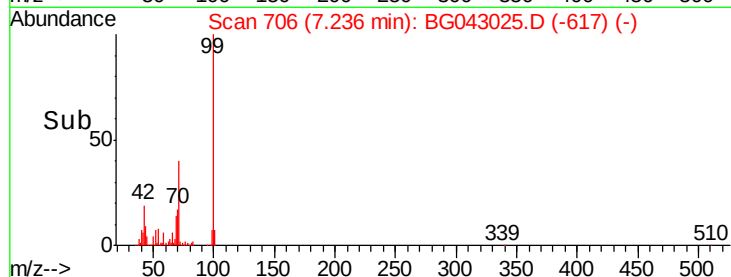


Abundance

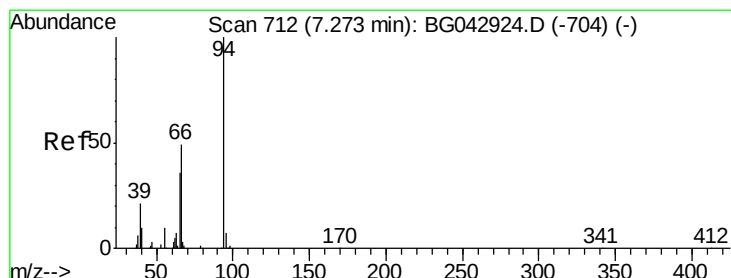
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#10

Phenol

Concen: 3.589 ng

RT: 7.27 min Scan# 711

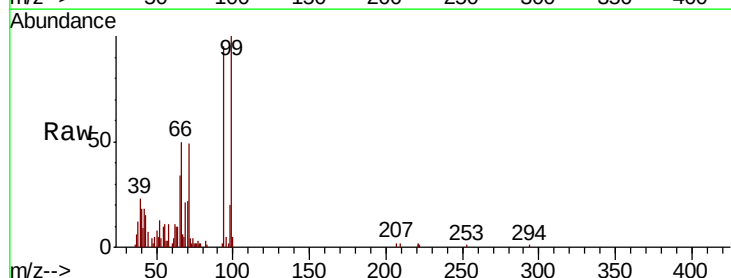
Delta R.T. -0.01 min

Lab File: BG043025.D

Acq: 4 Oct 2019 5:00

Tgt Ion: 94 Resp: 19248

Ion	Ratio	Lower	Upper
94	100		
65	35.5	16.6	56.6
66	53.2	32.4	72.4

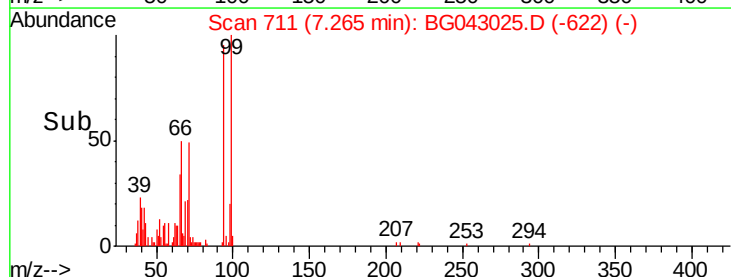


Abundance

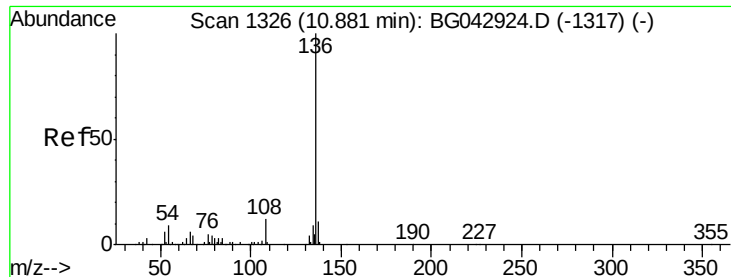
Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



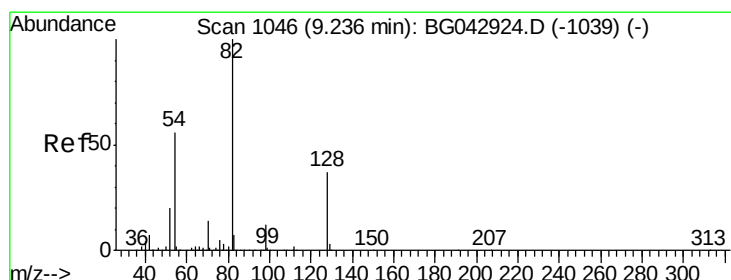
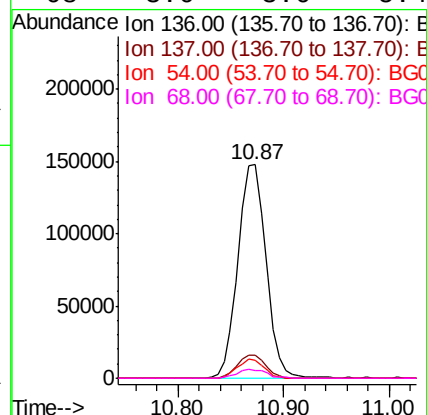
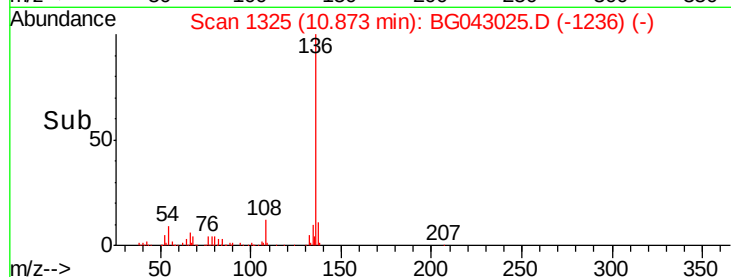
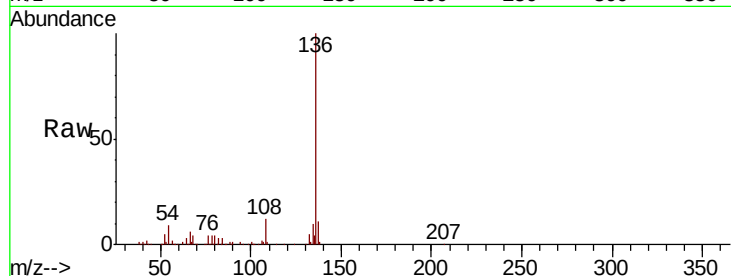
Time-->



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

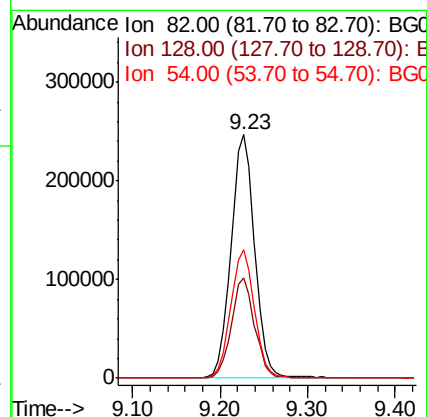
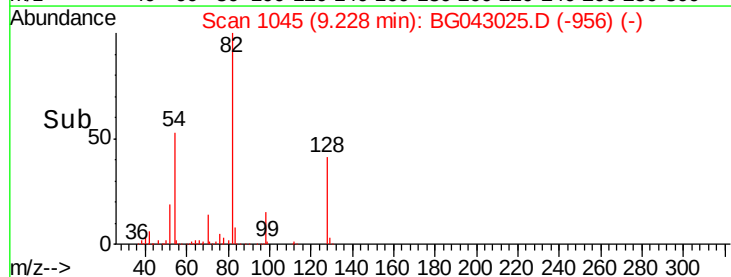
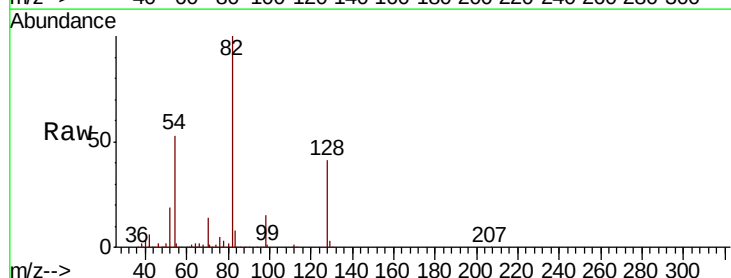
Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

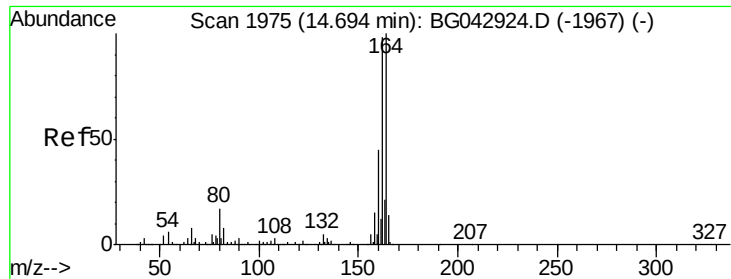
Tot Ion:136	Resp:	272600
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	8.7	7.4 11.2
68	3.6	3.6 5.4



#23
Nitrobenzene-d5
Concen: 81.243 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion: 82	Resp:	455648
Ion Ratio	Lower	Upper
82	100	
128	41.0	29.5 44.3
54	52.6	44.6 67.0

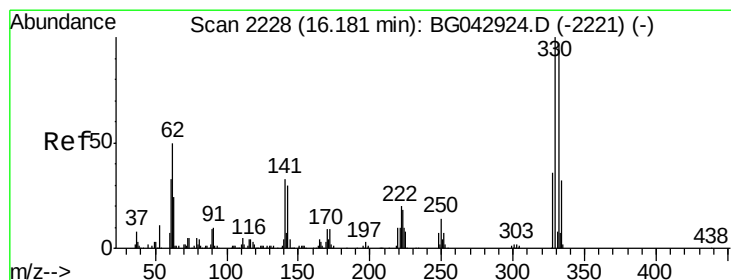
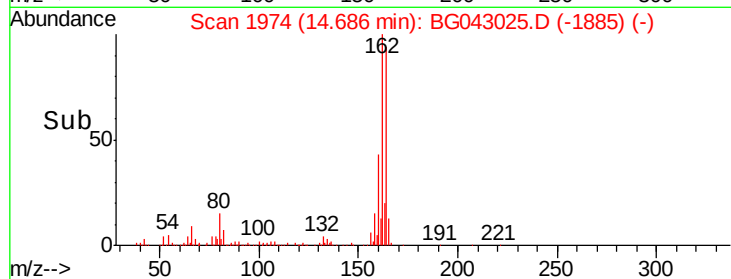
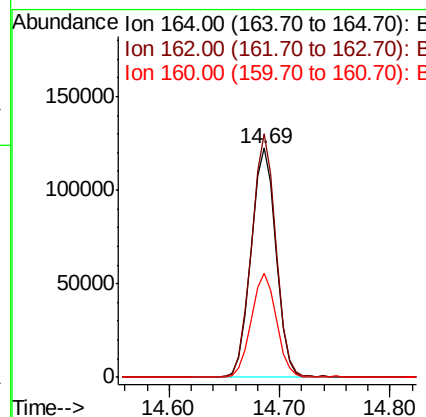
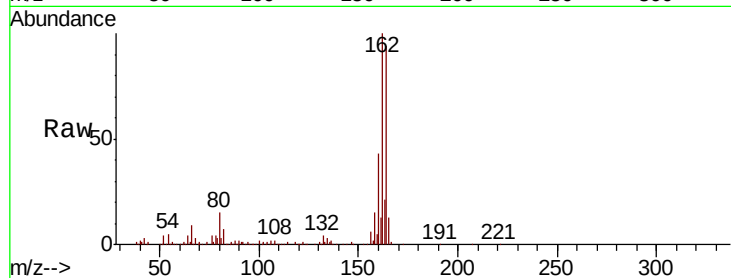




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

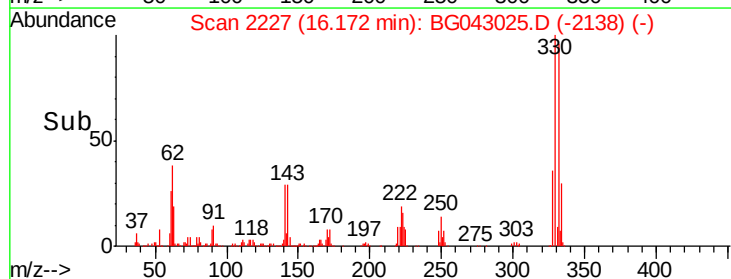
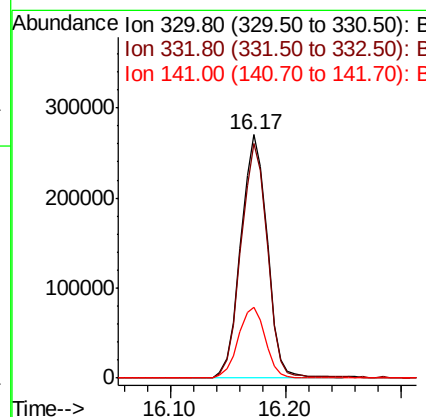
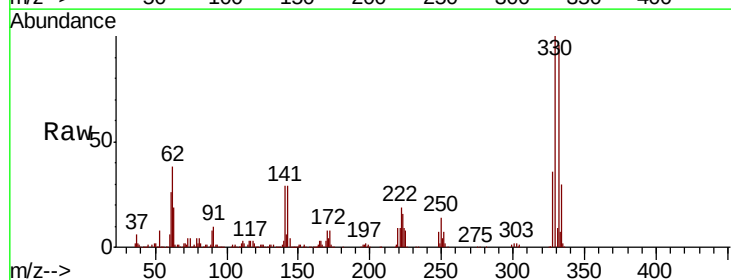
Instrument :
BNA_G
ClientSampleId :
TP-1-GROUNDWATER

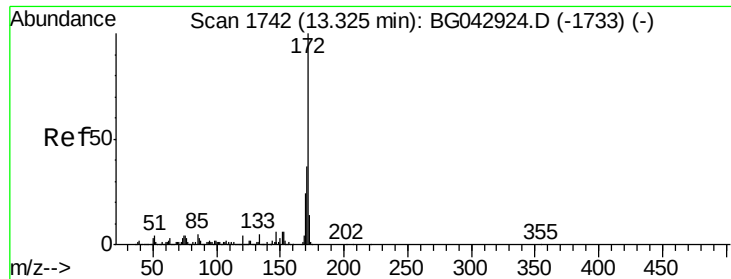
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.5	117.7
160	45.6	35.9	53.9



#42
2,4,6-Tribromophenol
Concen: 128.260 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG043025.D
Acq: 4 Oct 2019 5:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	29.8	26.0	39.0





#45

2-Fluorobiphenyl

Concen: 85.207 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG043025.D

Acq: 4 Oct 2019 5:00

Instrument :

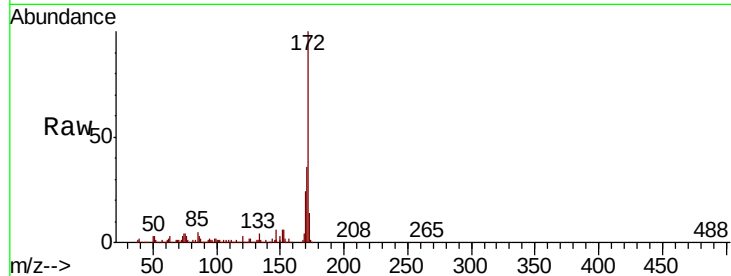
BNA_G

ClientSampleId :

TP-1-GROUNDWATER

Tot Ion:172 Resp: 1142050

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.3	19.6	29.4

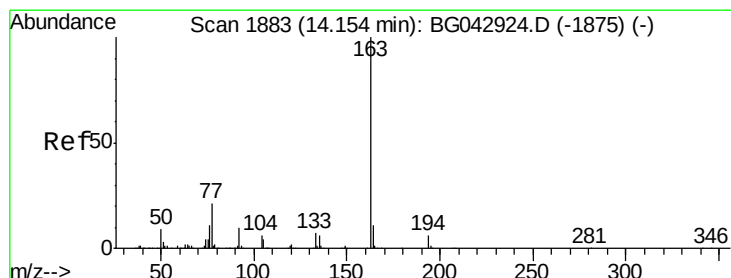
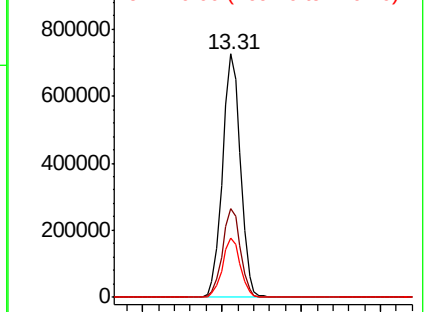
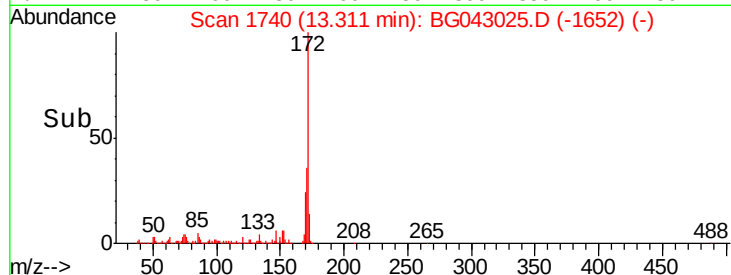


Abundance

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: 6.466 ng

RT: 14.13 min Scan# 1880

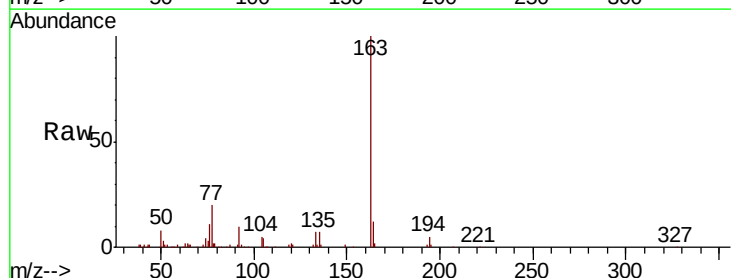
Delta R.T. -0.02 min

Lab File: BG043025.D

Acq: 4 Oct 2019 5:00

Tgt Ion:163 Resp: 94142

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.4	6.6
164	12.4	8.6	12.8

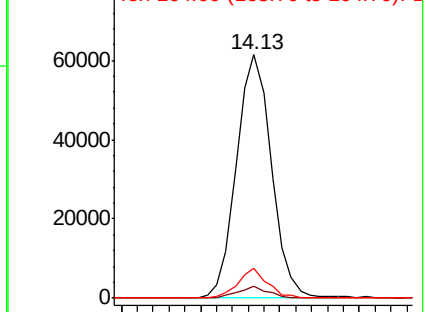
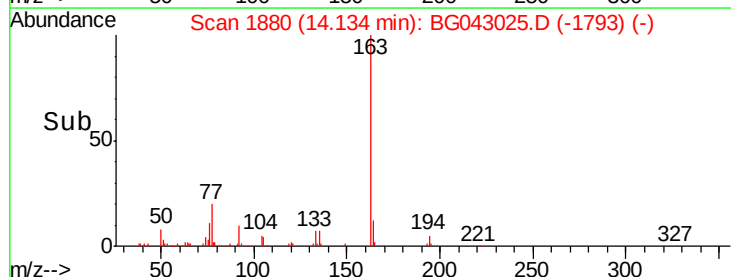


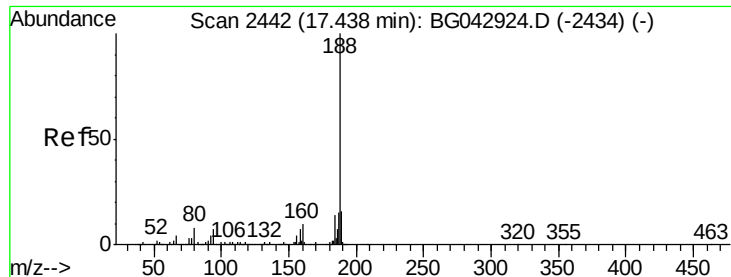
Abundance

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG043025.D

Acq: 4 Oct 2019 5:00

Instrument :

BNA_G

ClientSampleId :

TP-1-GROUNDWATER

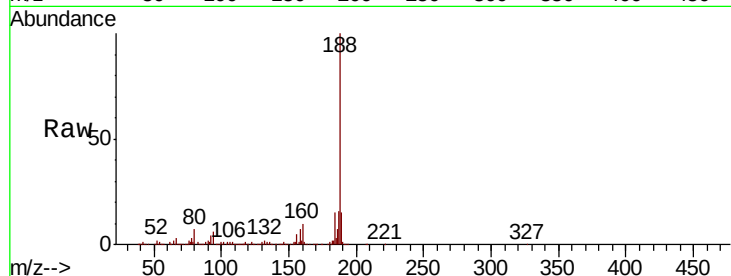
Tot Ion:188 Resp: 439172

Ion Ratio Lower Upper

188 100

94 5.7 5.7 8.5

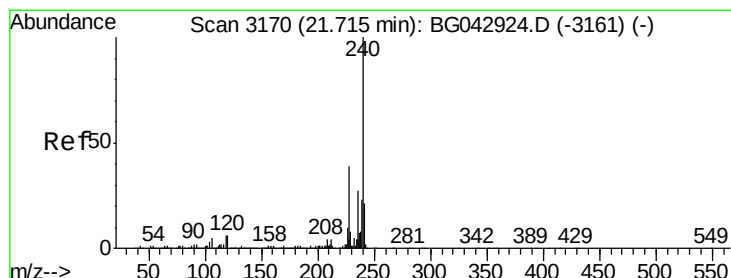
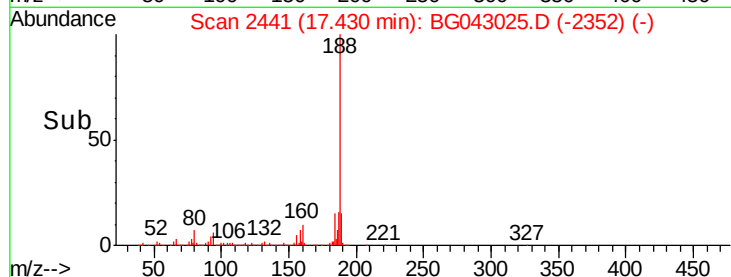
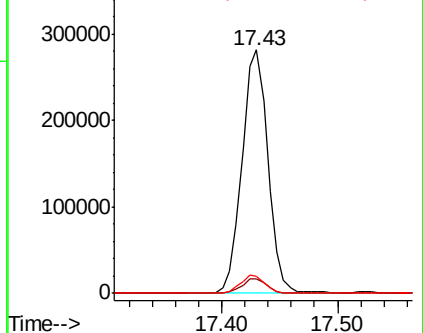
80 7.1 6.5 9.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043025.D

Acq: 4 Oct 2019 5:00

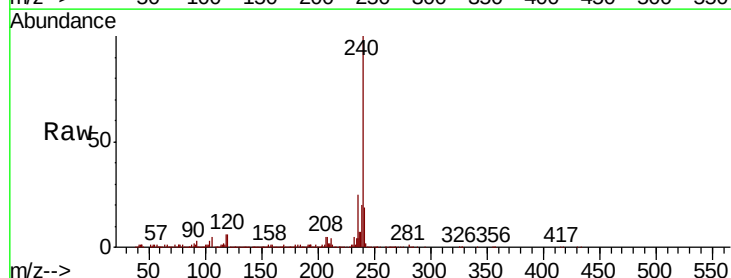
Tgt Ion:240 Resp: 485739

Ion Ratio Lower Upper

240 100

120 5.9 4.8 7.2

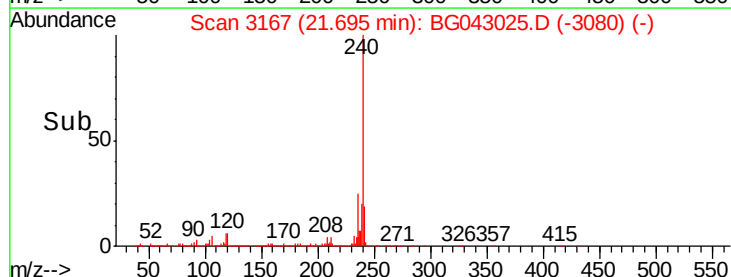
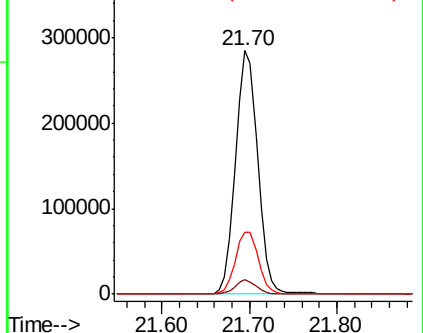
236 25.5 21.4 32.0

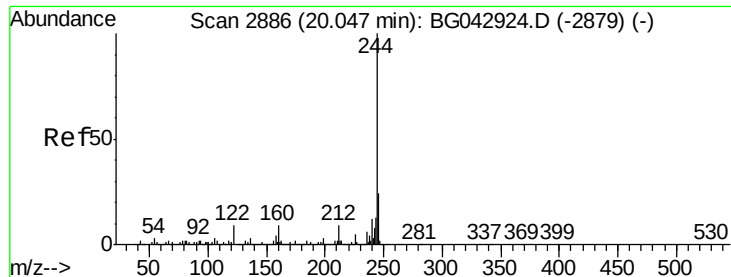


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.135 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043025.D

Acq: 4 Oct 2019 5:00

Instrument :

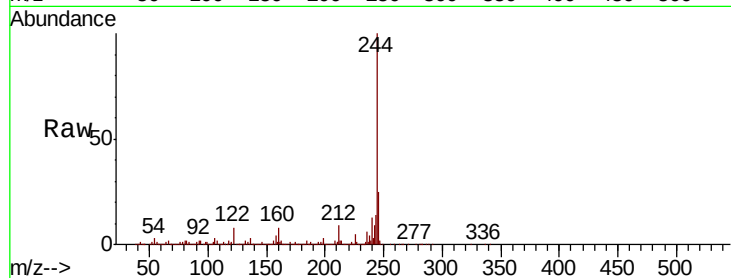
BNA_G

ClientSampleId :

TP-1-GROUNDWATER

Tot Ion:244 Resp: 1940671

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.1	7.0	10.4

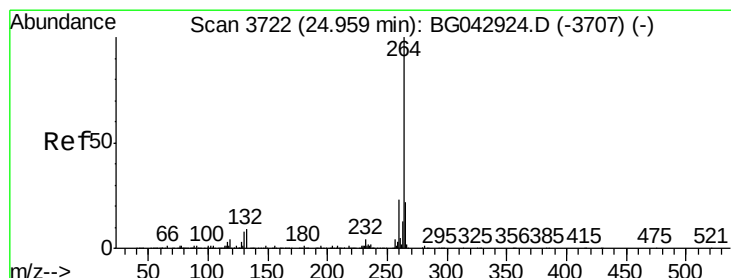
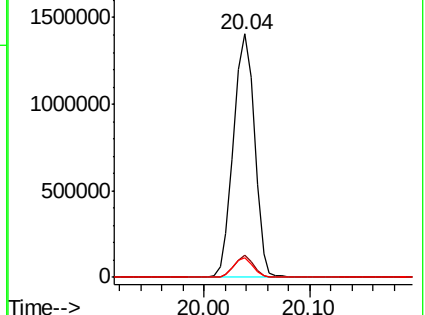
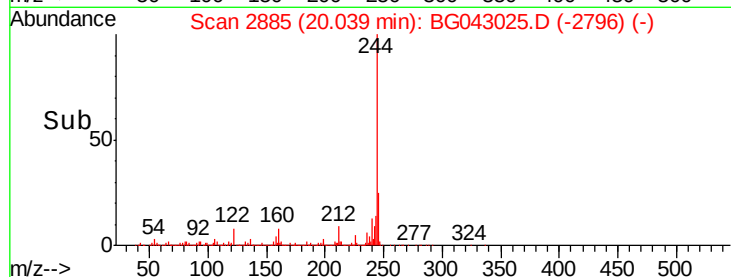


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

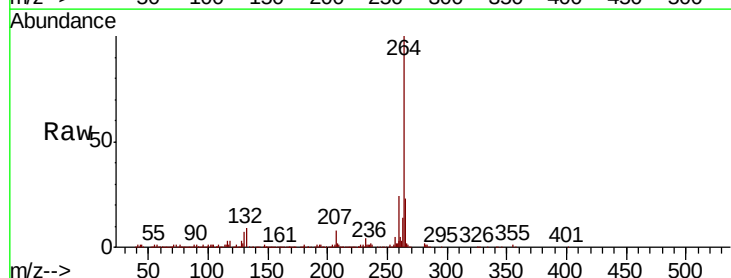
Delta R.T. -0.04 min

Lab File: BG043025.D

Acq: 4 Oct 2019 5:00

Tgt Ion:264 Resp: 554936

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	23.1	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

