

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046625.D
 Acq On : 15 Sep 2020 15:26
 Operator : CG/JU
 Sample : L3993-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B41-091120-GW

Quant Time: Sep 15 18:52:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

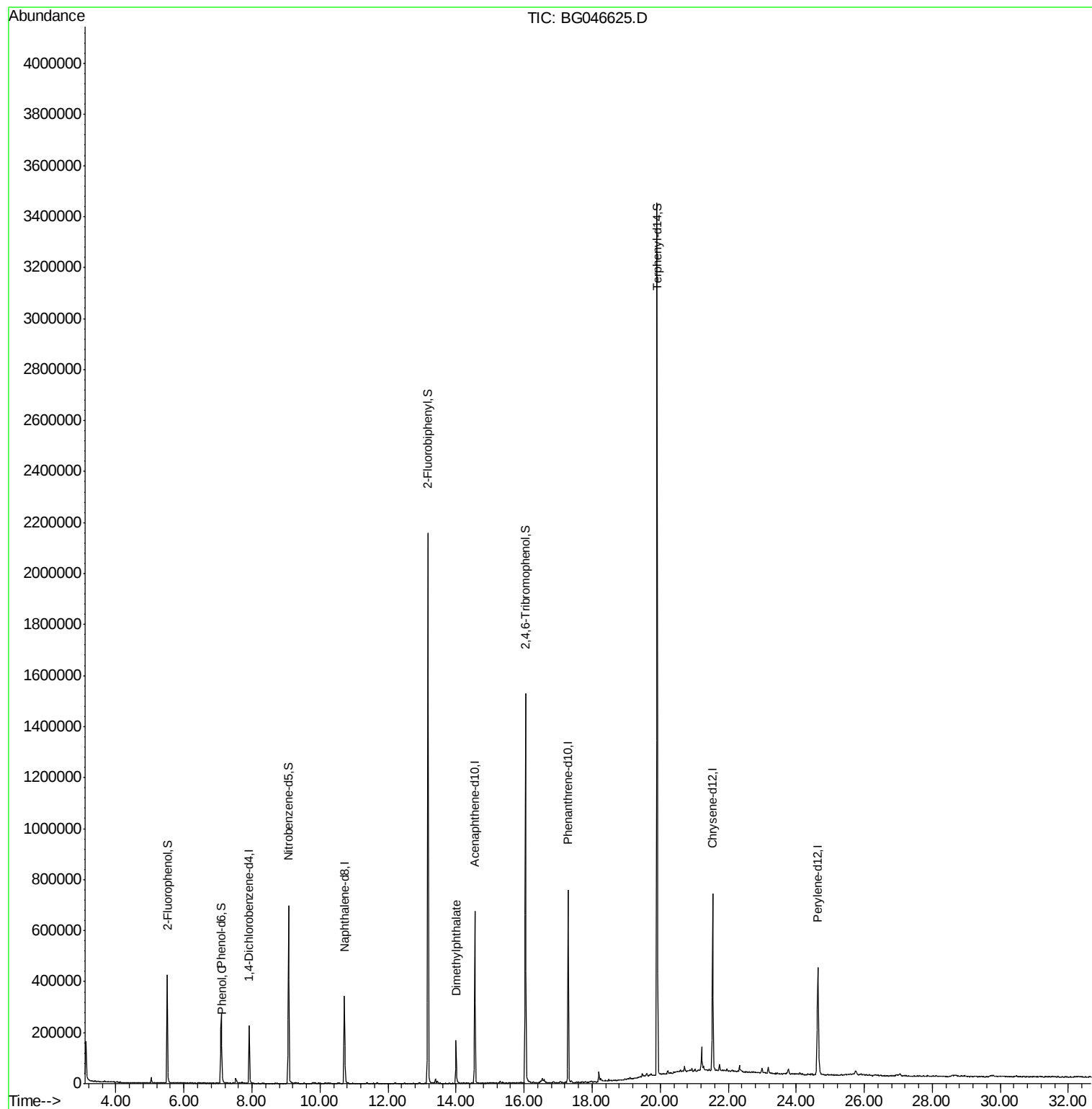
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	71546	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	329218	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	246239	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	500000	20.00	ng	0.00
76) Chrysene-d12	21.54	240	454247	20.00	ng	0.00
86) Perylene-d12	24.63	264	462279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	211392	52.33	ng	0.00
7) Phenol-d6	7.09	99	191105	33.37	ng	0.00
23) Nitrobenzene-d5	9.08	82	447499	77.69	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	320974	96.20	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1227605	76.11	ng	0.00
79) Terphenyl-d14	19.91	244	1489346	69.78	ng	0.00
Target Compounds						
10) Phenol	7.12	94	17132	3.248	ng	94
50) Dimethylphthalate	14.01	163	135189	7.096	ng	98

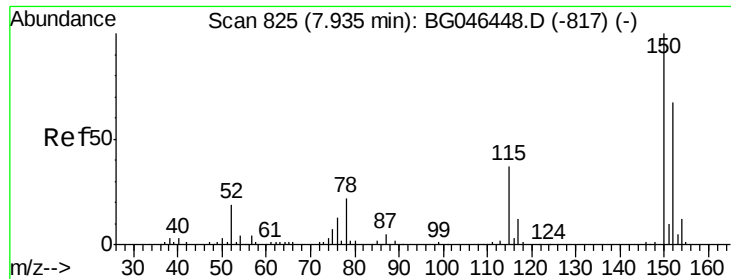
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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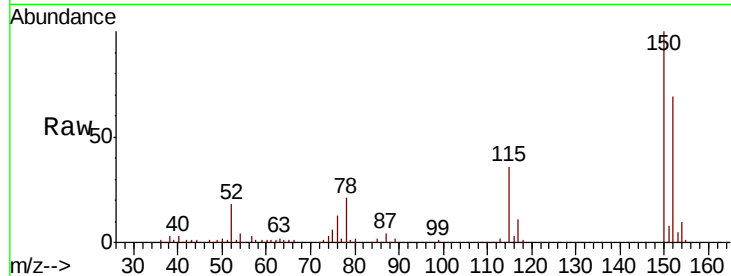


#1

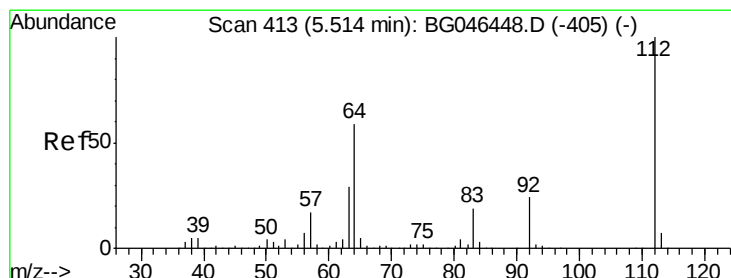
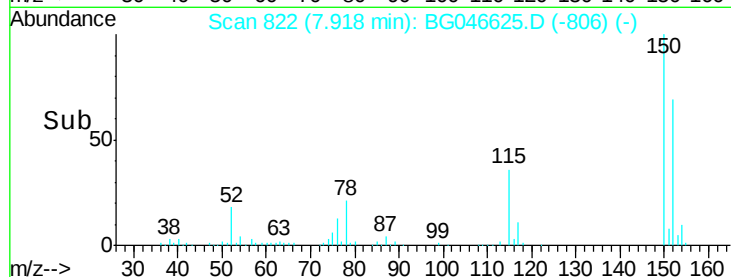
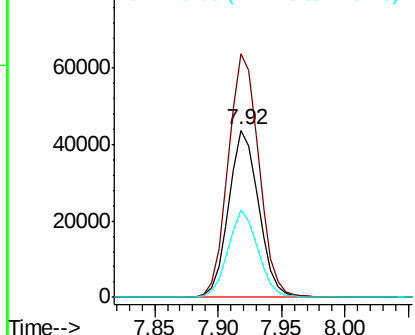
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PAV-B41-091120-GW

Tot Ion:152 Resp: 71546
Ion Ratio Lower Upper
152 100
150 145.9 119.5 179.3
115 52.4 44.3 66.5



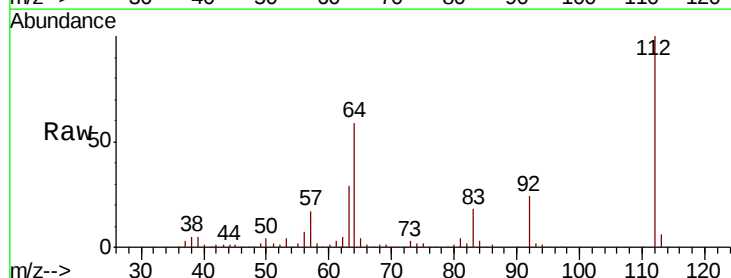
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



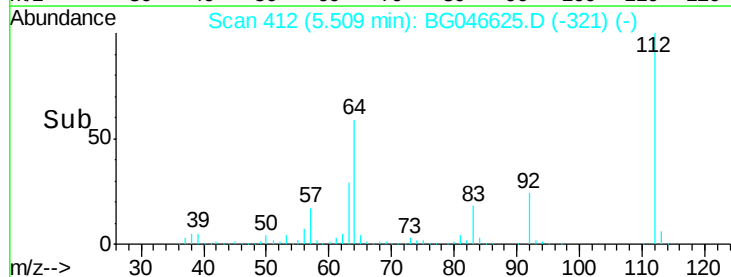
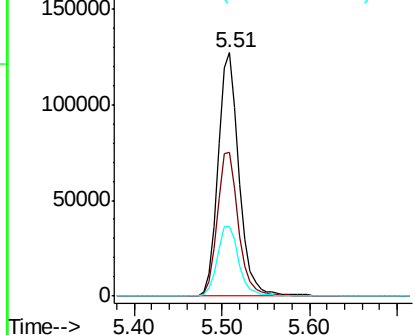
#5

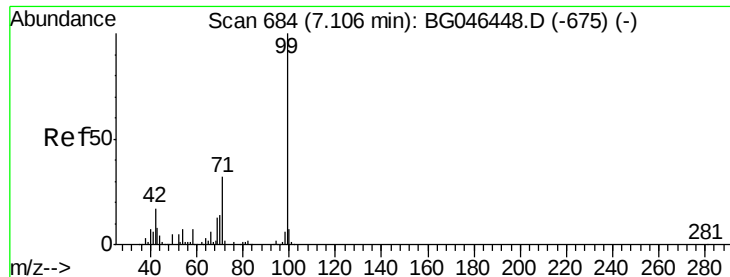
2-Fluorophenol
Concen: 52.332 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

Tgt Ion:112 Resp: 211392
Ion Ratio Lower Upper
112 100
64 59.3 47.0 70.6
63 28.6 23.5 35.3



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: 33.373 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PAV-B41-091120-GW

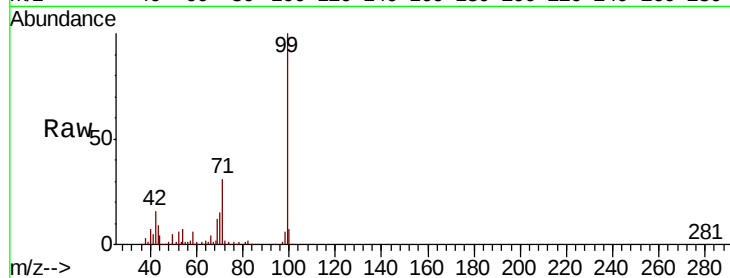
Tot Ion: 99 Resp: 191105

Ion Ratio Lower Upper

99 100

42 16.3 13.3 19.9

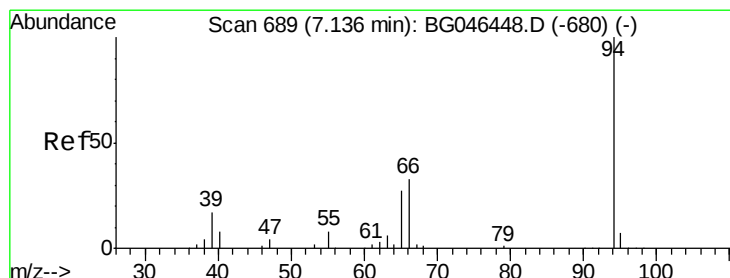
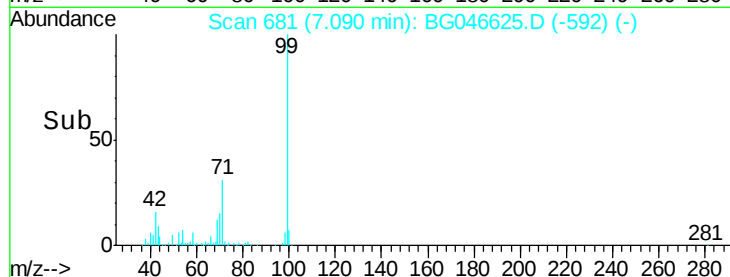
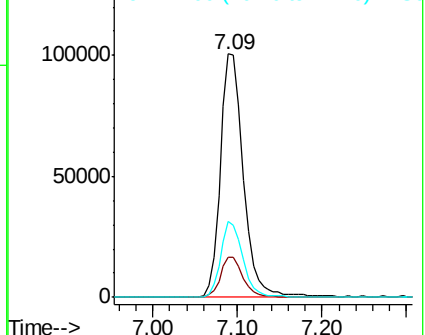
71 31.0 25.3 37.9



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: 3.248 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

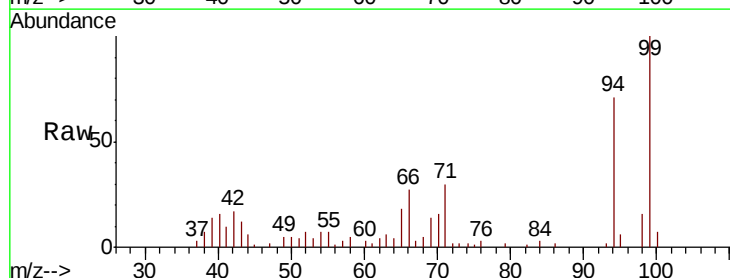
Tgt Ion: 94 Resp: 17132

Ion Ratio Lower Upper

94 100

65 25.8 7.5 47.5

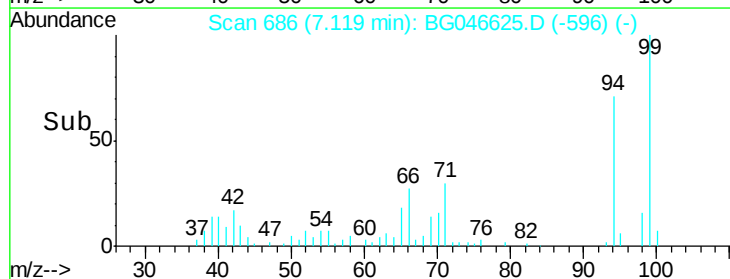
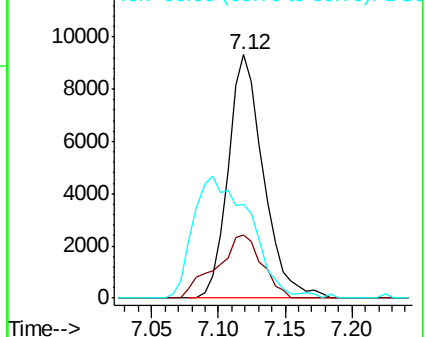
66 38.4 14.1 54.1

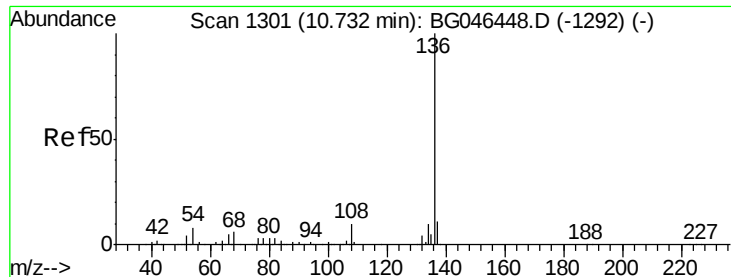


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

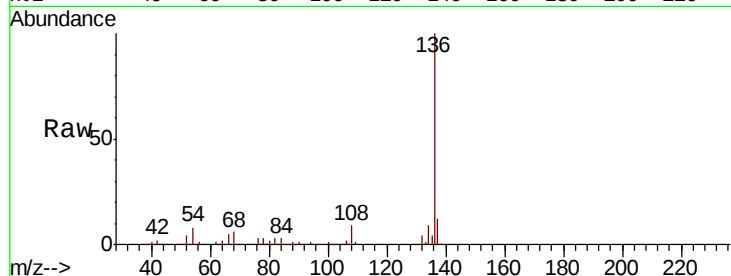




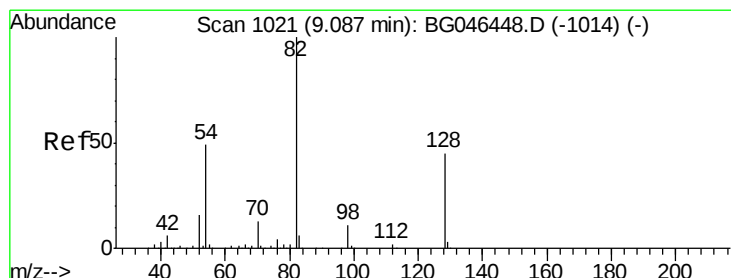
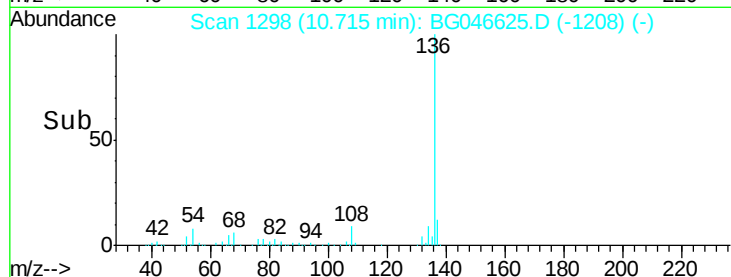
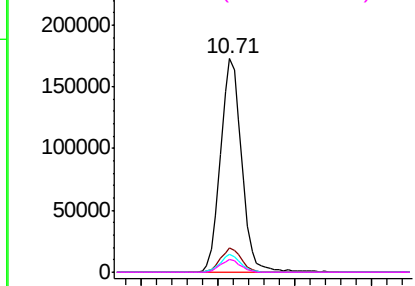
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

Instrument :
BNA_G
ClientSampleId :
PAV-B41-091120-GW

Tot Ion:136	Resp:	329218
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.8	13.2
54 8.4	6.1	9.1
68 5.9	4.8	7.2

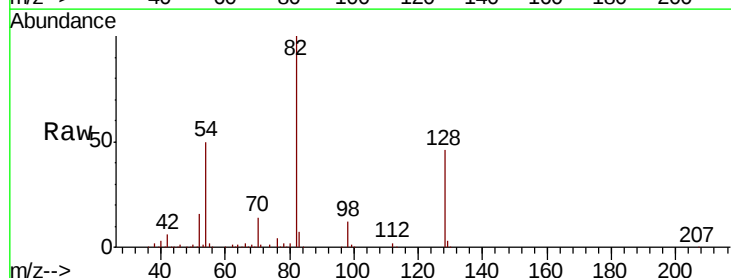


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

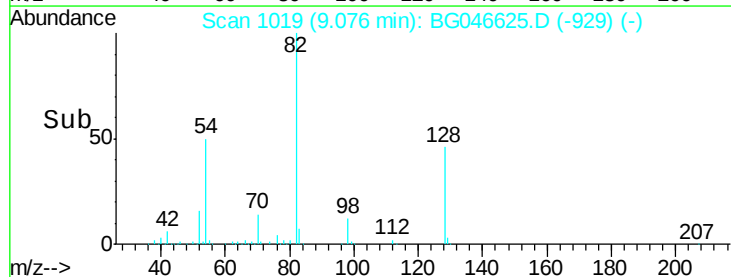
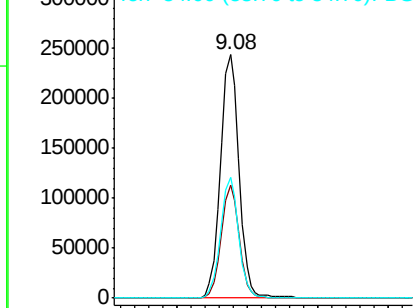


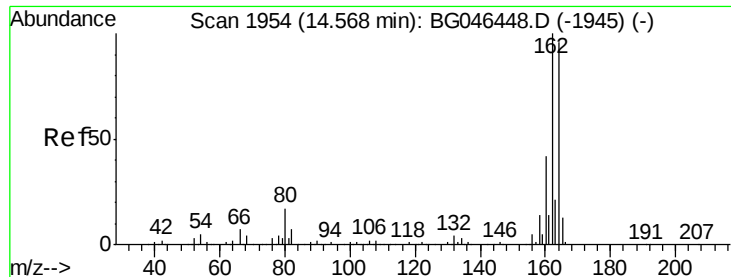
#23
Nitrobenzene-d5
Concen: 77.690 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

Tgt Ion: 82	Resp: 447499
Ion Ratio	Lower Upper
82 100	
128 46.3	35.7 53.5
54 49.6	39.4 59.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

Instrument :

BNA_G

ClientSampleId :

PAV-B41-091120-GW

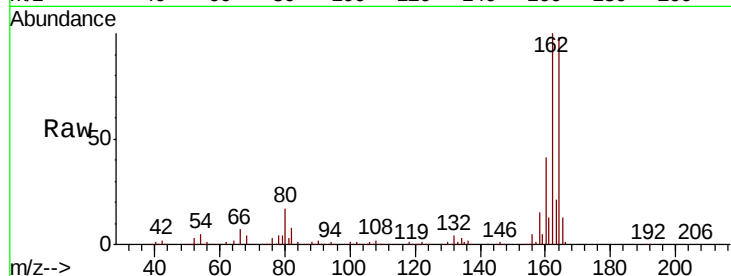
Tot Ion:164 Resp: 246239

Ion Ratio Lower Upper

164 100

162 102.1 83.3 124.9

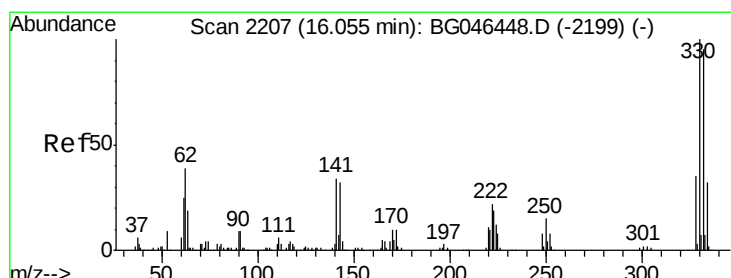
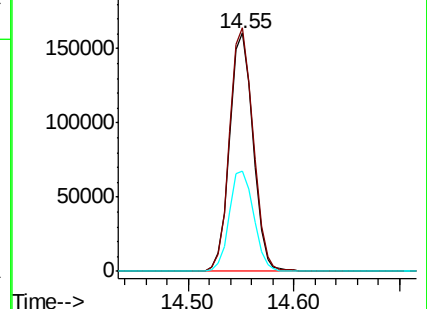
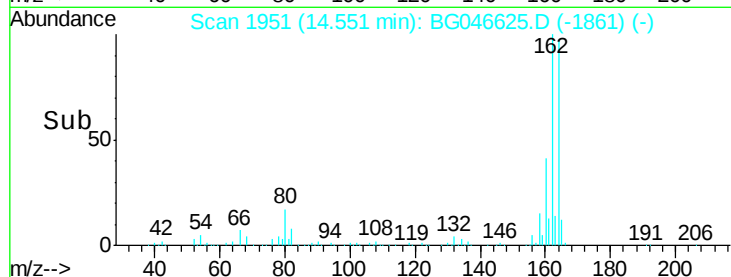
160 42.2 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 96.205 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

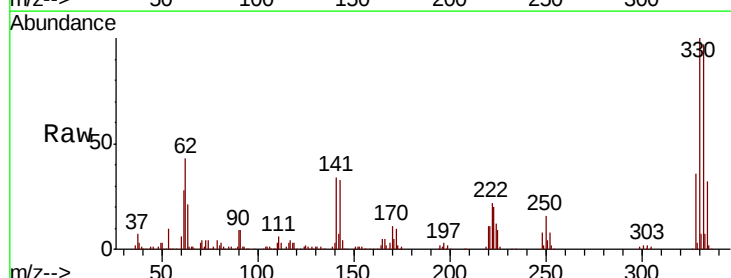
Tgt Ion:330 Resp: 320974

Ion Ratio Lower Upper

330 100

332 96.5 76.1 114.1

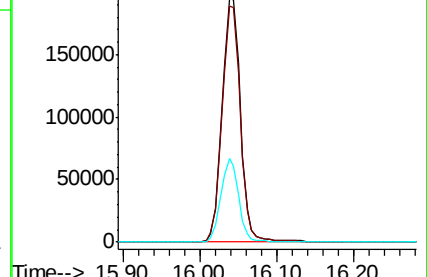
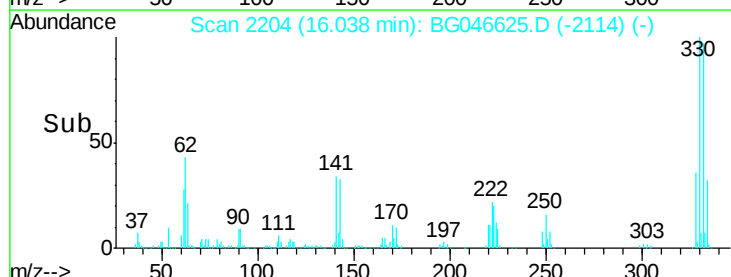
141 32.9 26.1 39.1

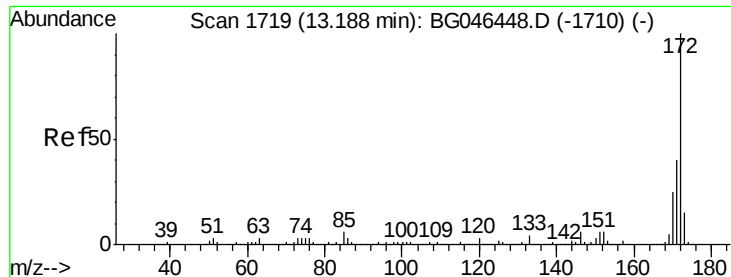


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

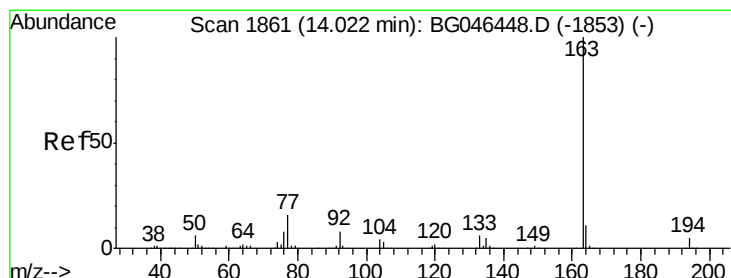
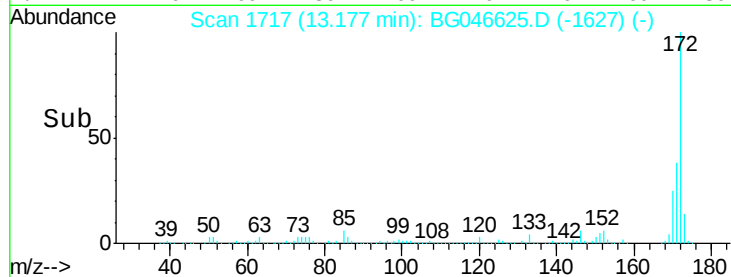
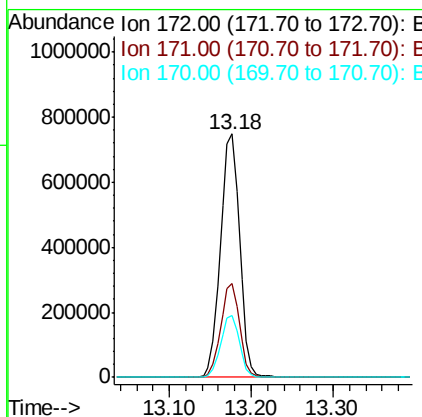
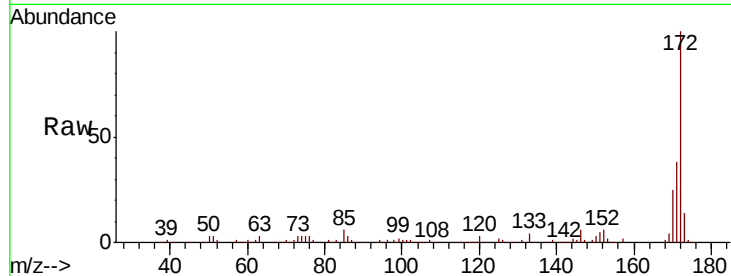




#45
2-Fluorobiphenyl
Concen: 76.106 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

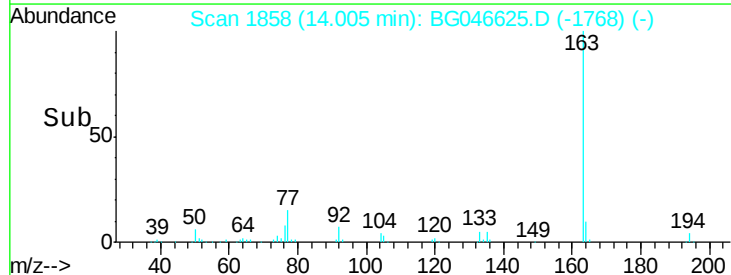
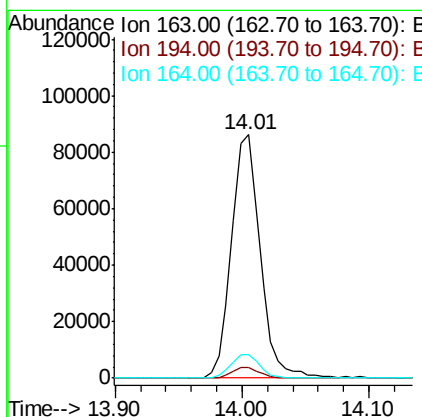
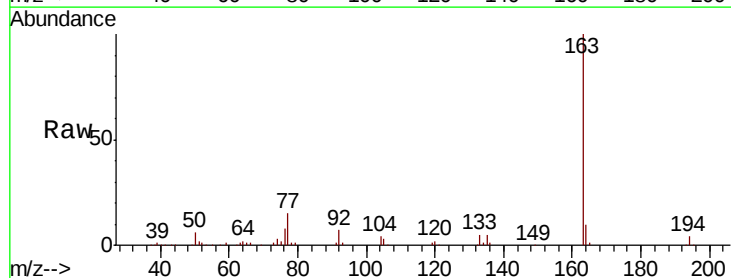
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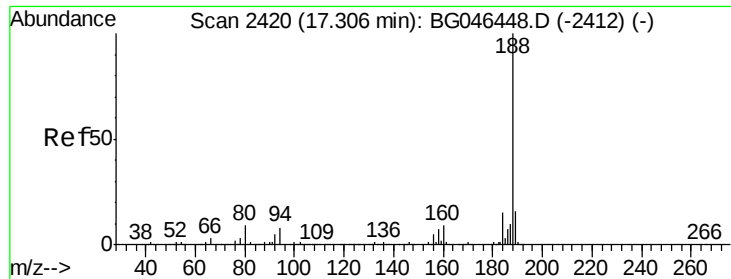
Tot Ion:172 Resp: 1227605
Ion Ratio Lower Upper
172 100
171 38.4 31.8 47.6
170 25.3 20.3 30.5



#50
Dimethylphthalate
Concen: 7.096 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

Tgt Ion:163 Resp: 135189
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 9.7 8.6 12.8

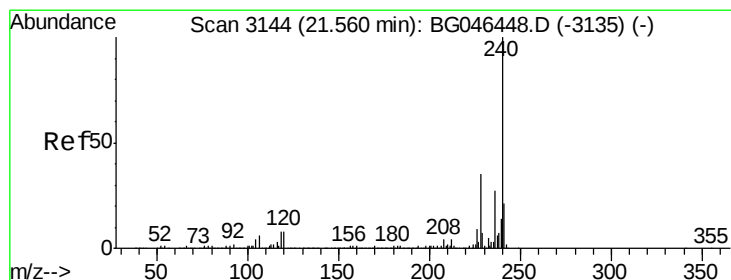
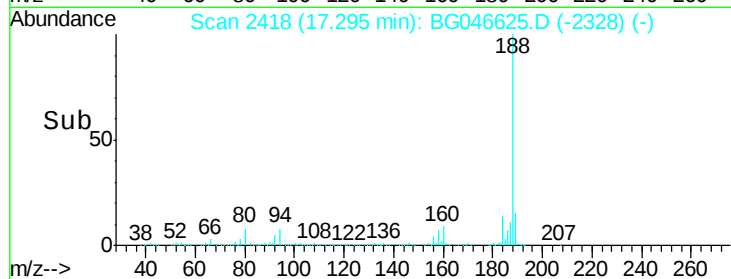
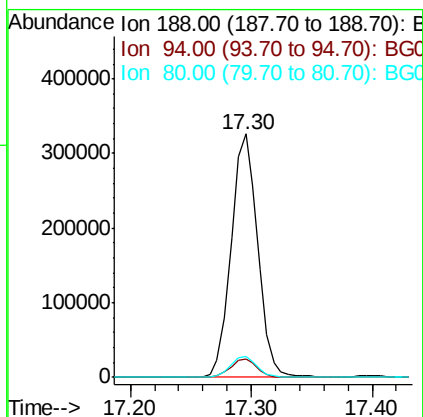
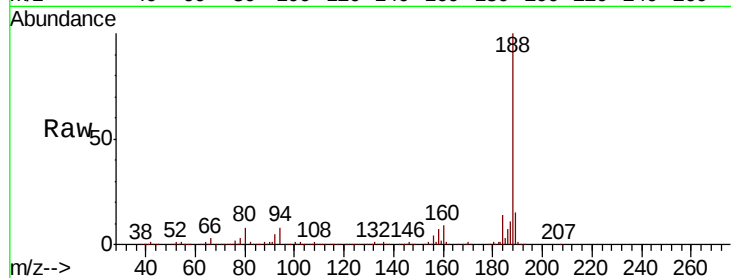




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

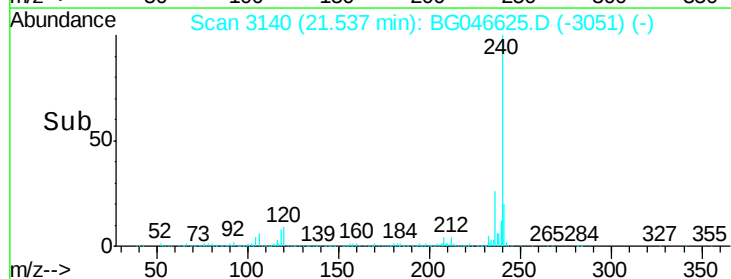
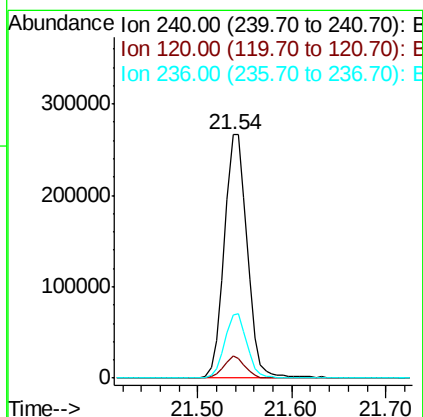
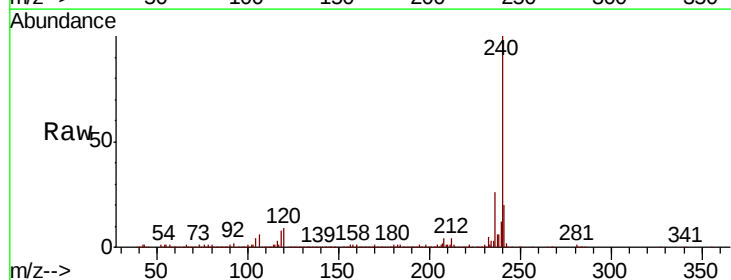
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BNA_G
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PAV-B41-091120-GW

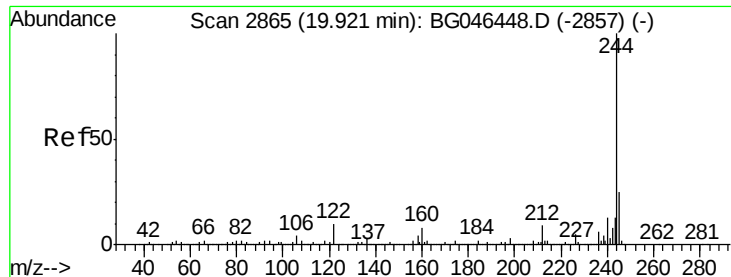
Tot Ion:188 Resp: 500000
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046625.D
Acq: 15 Sep 2020 15:26

Tgt Ion:240 Resp: 454247
Ion Ratio Lower Upper
240 100
120 8.9 6.6 10.0
236 25.8 21.4 32.2





#79

Terphenyl-d14

Concen: 69.777 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

Instrument :

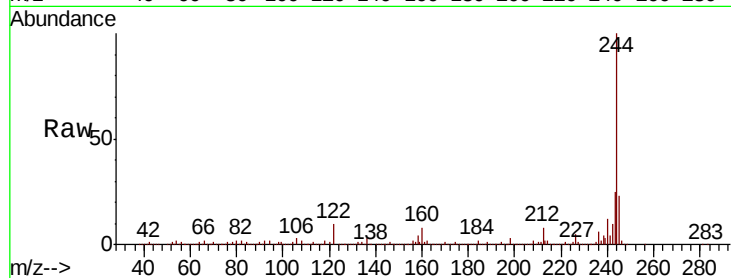
BNA_G

ClientSampleId :

PAV-B41-091120-GW

Tot Ion:244 Resp: 1489346

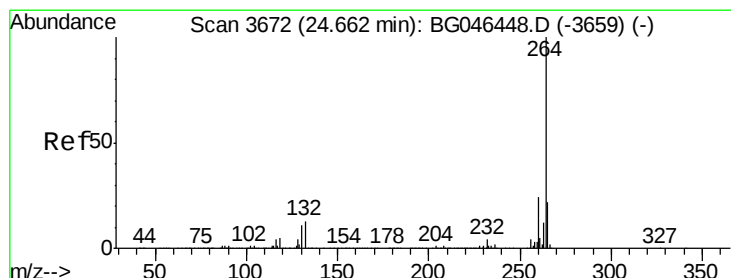
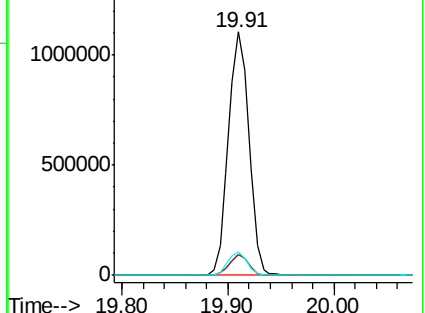
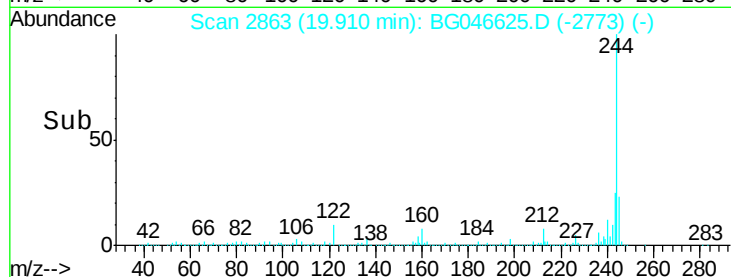
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	9.5	8.2	12.4



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.63 min Scan# 3667

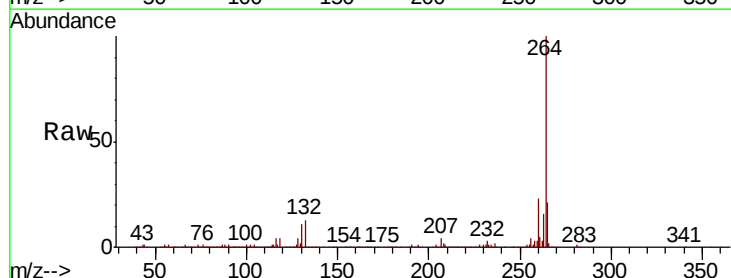
Delta R.T. -0.00 min

Lab File: BG046625.D

Acq: 15 Sep 2020 15:26

Tgt Ion:264 Resp: 462279

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.9	26.9



Abundance Ion 264.00 (263.70 to 264.70): E

200000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

