

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046612.D
 Acq On : 14 Sep 2020 20:52
 Operator : CG/JU
 Sample : L3993-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B38-091120-10-17

Quant Time: Sep 15 01:57:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

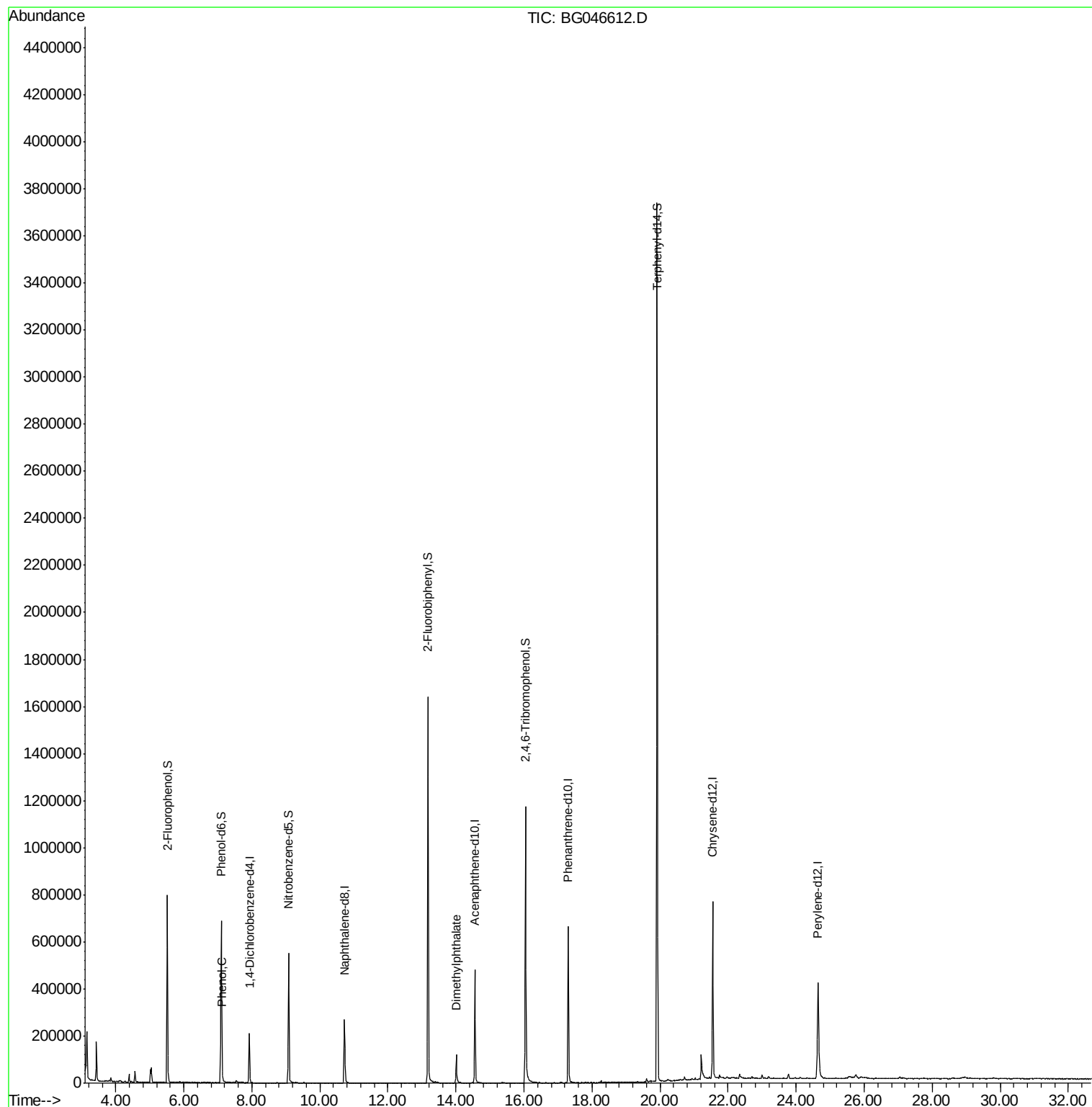
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67936	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	260107	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	180186	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	464266	20.00	ng	0.00
76) Chrysene-d12	21.55	240	496785	20.00	ng	0.00
86) Perylene-d12	24.64	264	482461	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	378688	98.73	ng	0.00
7) Phenol-d6	7.10	99	448848	82.55	ng	0.00
23) Nitrobenzene-d5	9.08	82	367953	80.85	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	280953	115.08	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	978546	82.90	ng	0.00
79) Terphenyl-d14	19.91	244	1738610	74.48	ng	0.00
Target Compounds						
10) Phenol	7.13	94	17036	3.402	ng	88
50) Dimethylphthalate	14.01	163	105202	7.547	ng	98

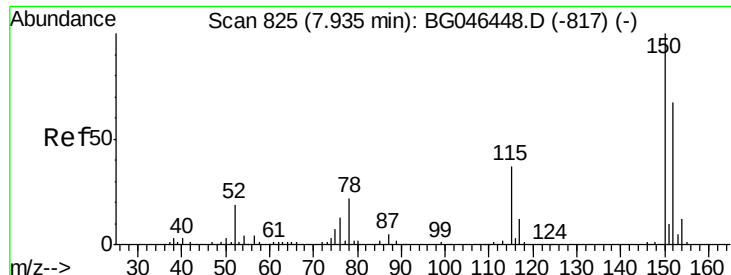
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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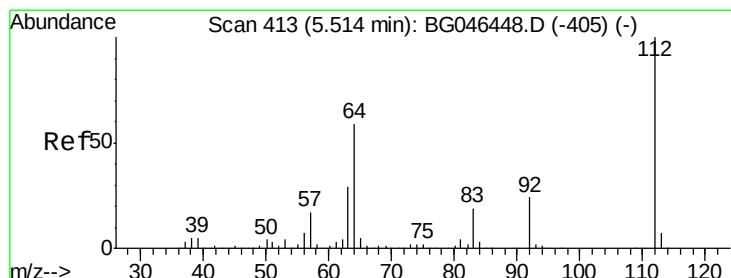
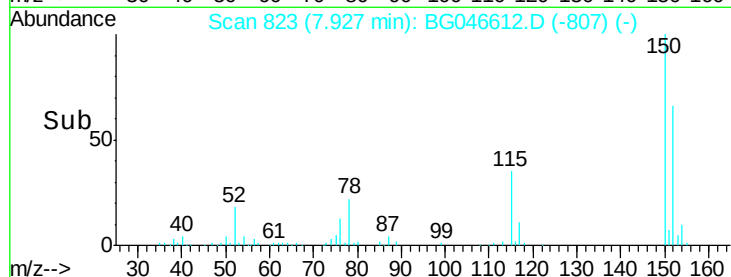
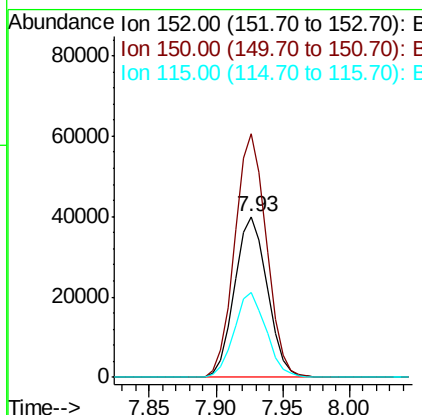
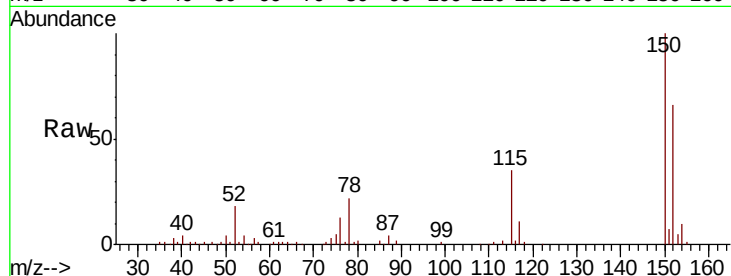


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046612.D
 Acq: 14 Sep 2020 20:52

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B38-091120-10-17

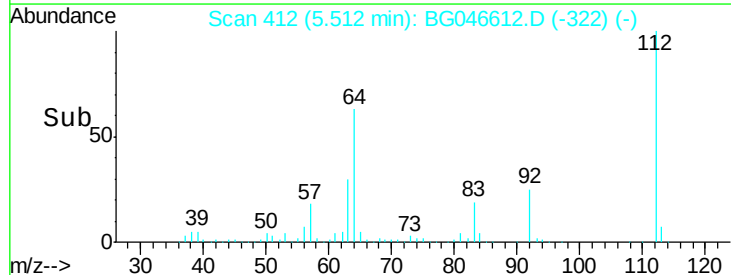
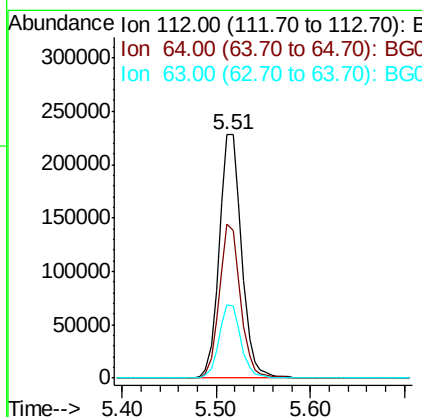
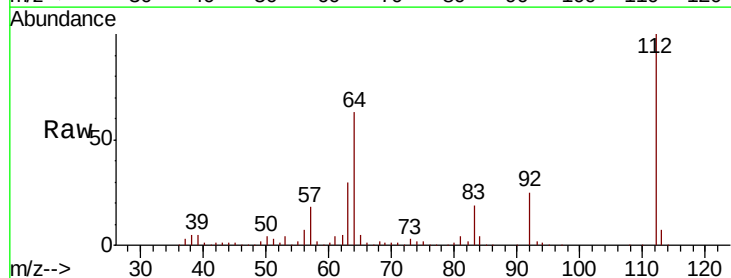
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	119.5	179.3
115	52.7	44.3	66.5

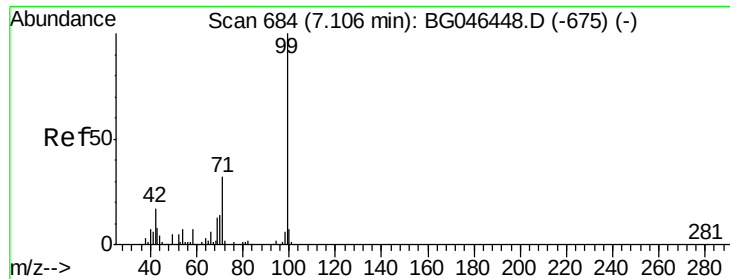


#5

2-Fluorophenol
 Concen: 98.729 ng
 RT: 5.51 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BG046612.D
 Acq: 14 Sep 2020 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.0	70.6
63	30.3	23.5	35.3





#7

Phenol-d6

Concen: 82.548 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

Instrument :

BNA_G

ClientSampleId :

PAV-B38-091120-10-17

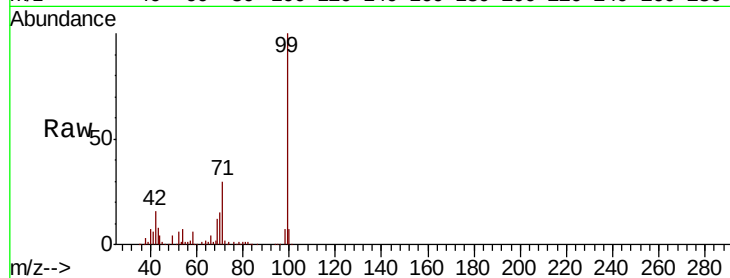
Tot Ion: 99 Resp: 448848

Ion Ratio Lower Upper

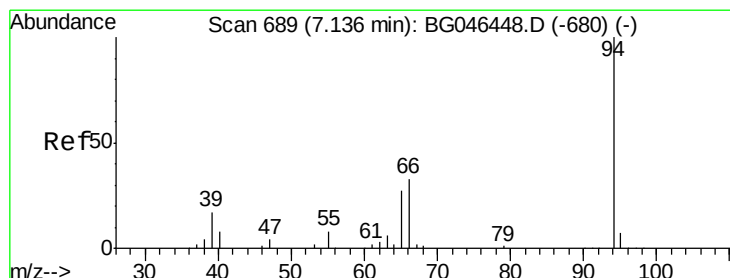
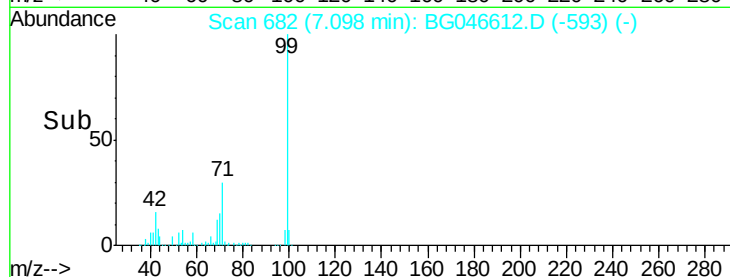
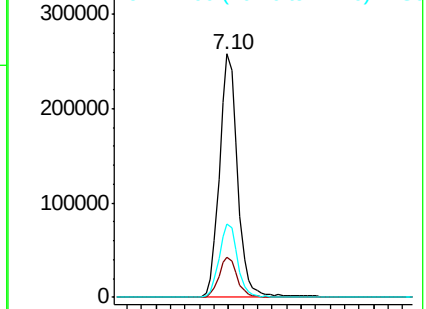
99 100

42 16.3 13.3 19.9

71 30.4 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: 3.402 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

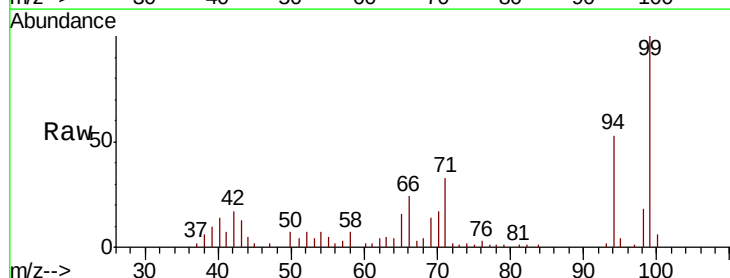
Tgt Ion: 94 Resp: 17036

Ion Ratio Lower Upper

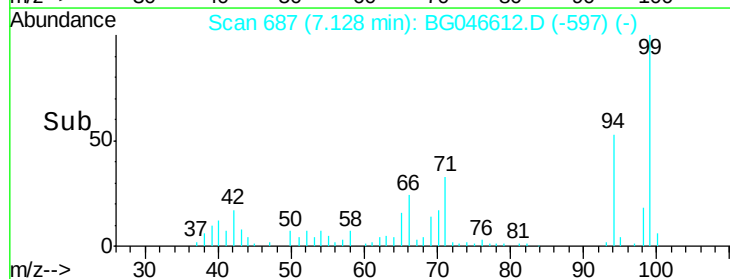
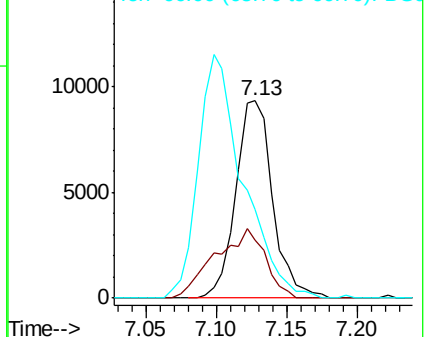
94 100

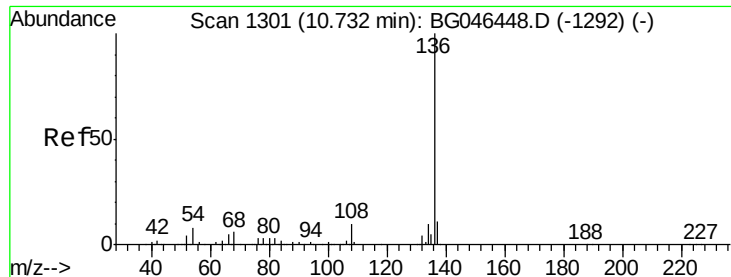
65 29.2 7.5 47.5

66 45.0 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

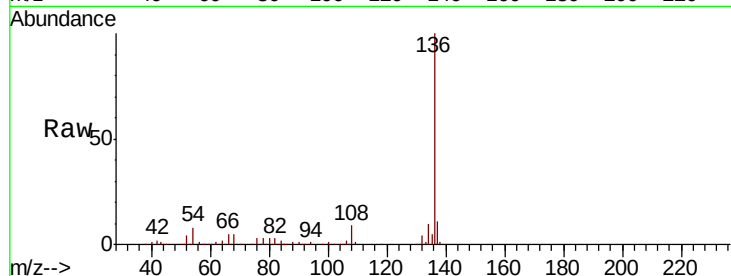




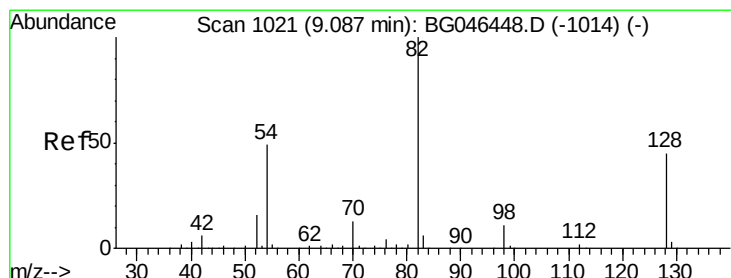
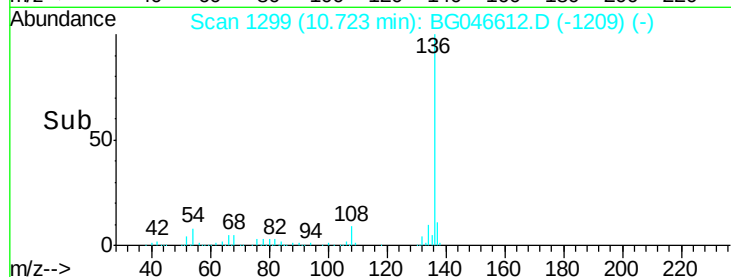
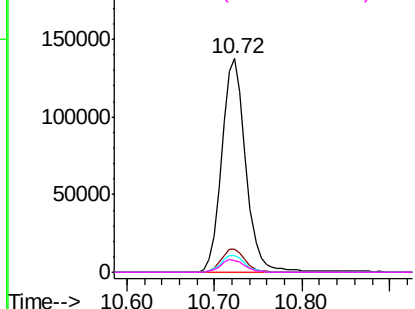
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

Tot Ion:136	Resp:	260107
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 7.9	6.1	9.1
68 5.4	4.8	7.2

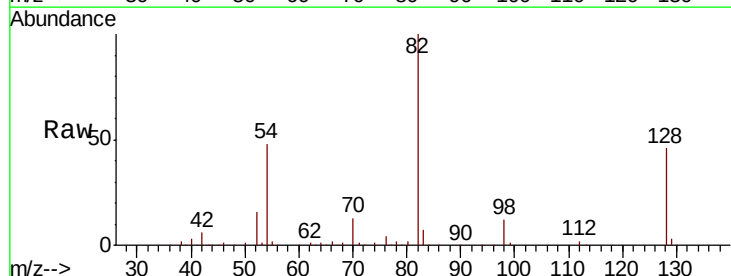


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

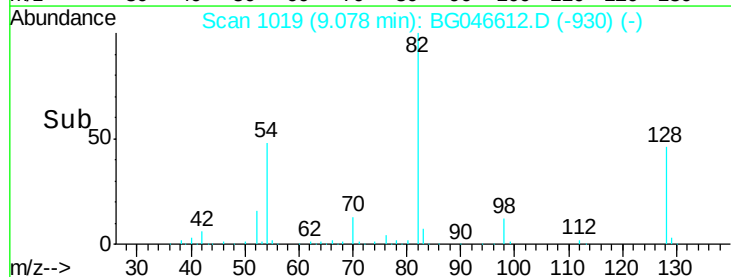
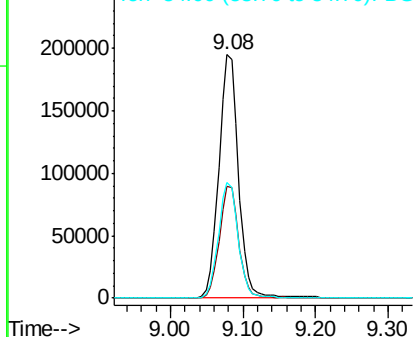


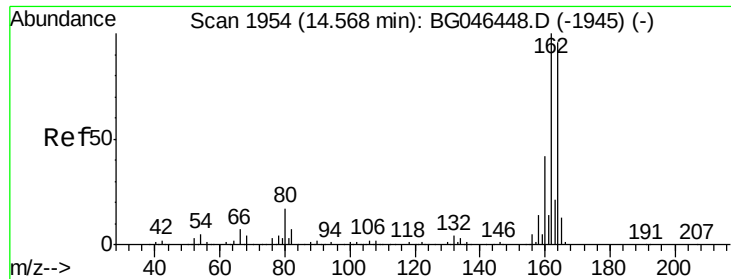
#23
Nitrobenzene-d5
Concen: 80.853 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion: 82	Resp: 367953
Ion Ratio	Lower Upper
82 100	
128 45.7	35.7 53.5
54 47.7	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. -0.01 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

Instrument :

BNA_G

ClientSampleId :

PAV-B38-091120-10-17

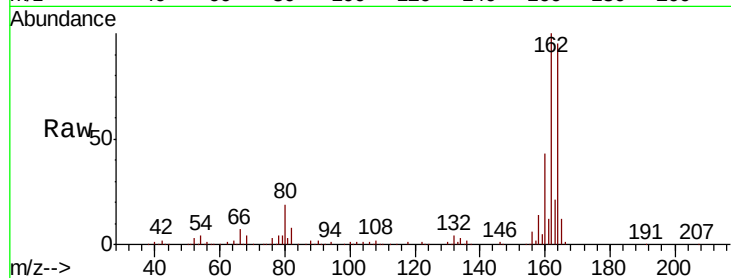
Tot Ion:164 Resp: 180186

Ion Ratio Lower Upper

164 100

162 104.9 83.3 124.9

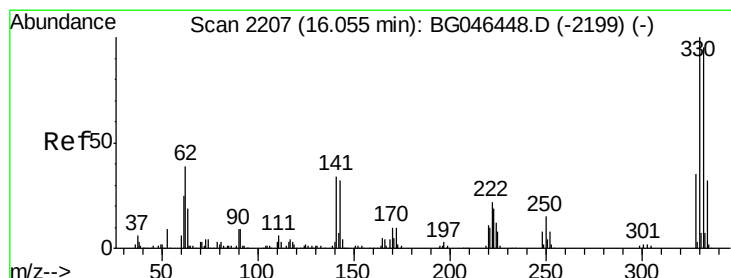
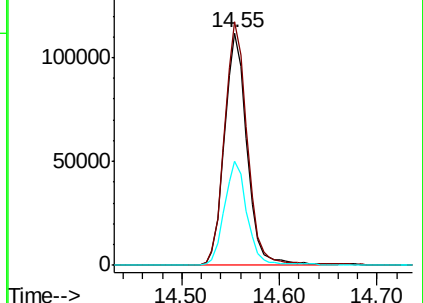
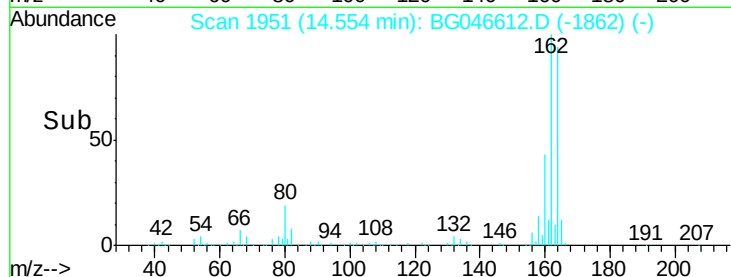
160 45.0 35.0 52.6



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: 115.079 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

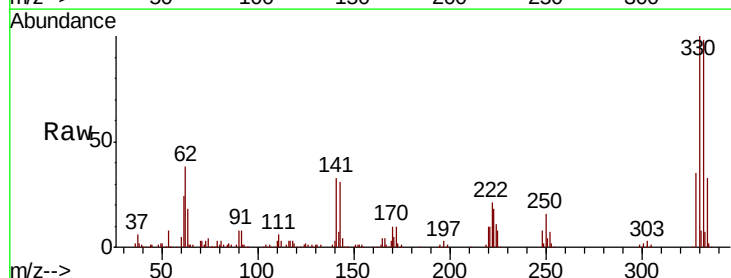
Tgt Ion:330 Resp: 280953

Ion Ratio Lower Upper

330 100

332 96.5 76.1 114.1

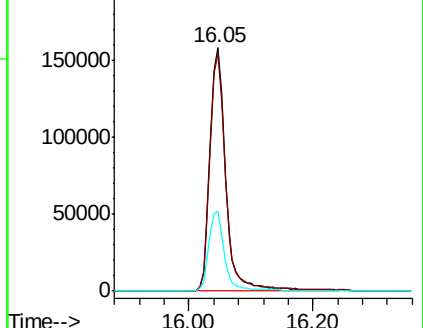
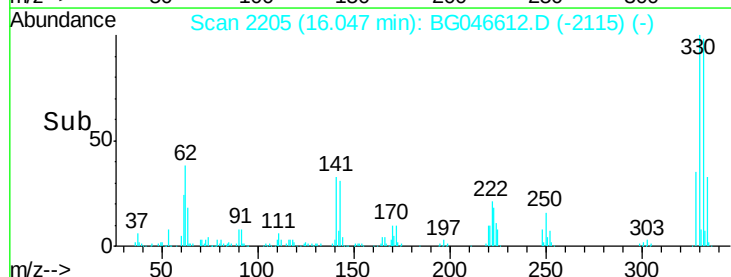
141 33.0 26.1 39.1

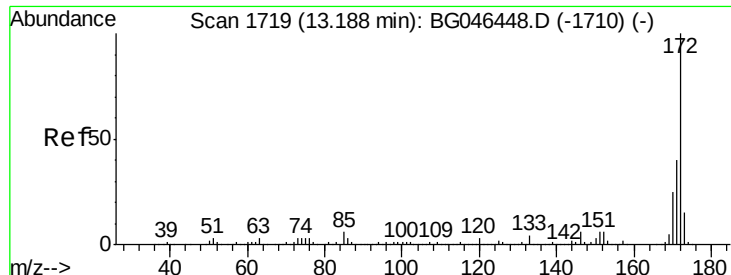


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

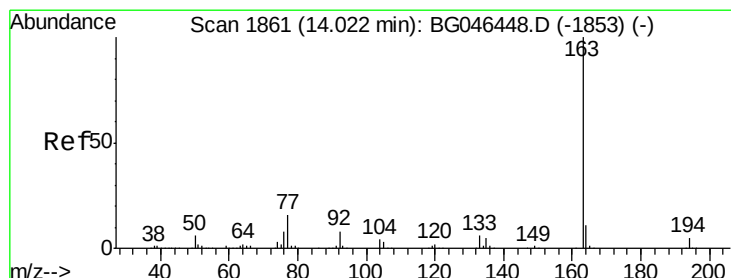
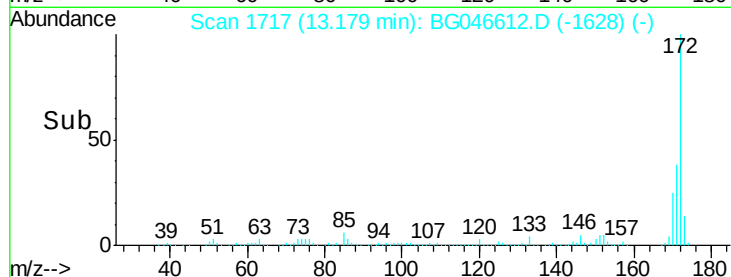
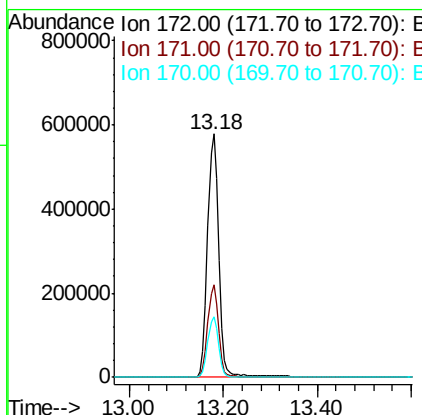
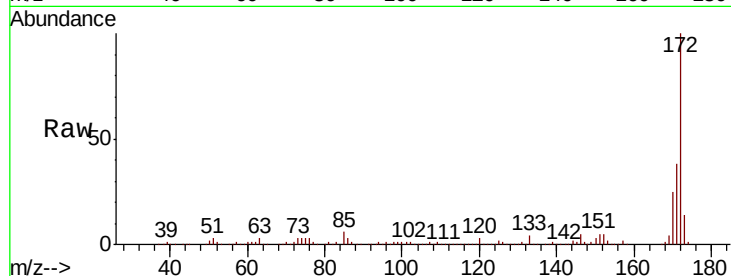




#45
2-Fluorobiphenyl
Concen: 82.904 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

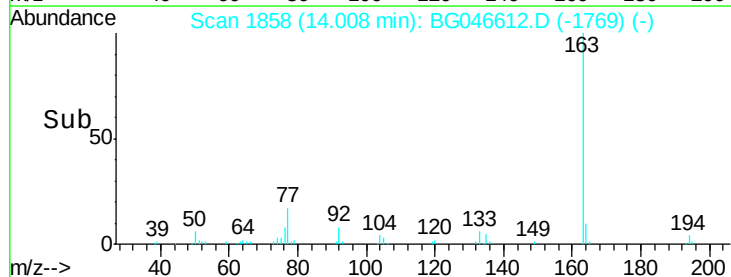
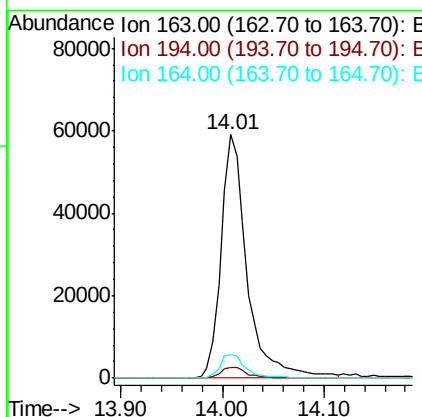
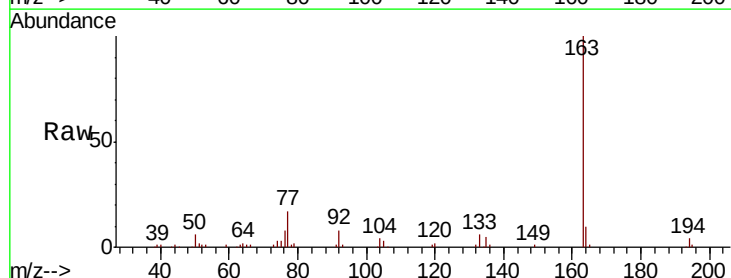
Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

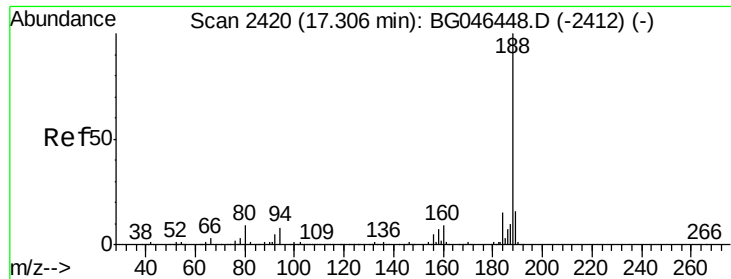
Tot Ion:172 Resp: 978546
Ion Ratio Lower Upper
172 100
171 38.0 31.8 47.6
170 24.7 20.3 30.5



#50
Dimethylphthalate
Concen: 7.547 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion:163 Resp: 105202
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 9.5 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

Instrument :

BNA_G

ClientSampleId :

PAV-B38-091120-10-17

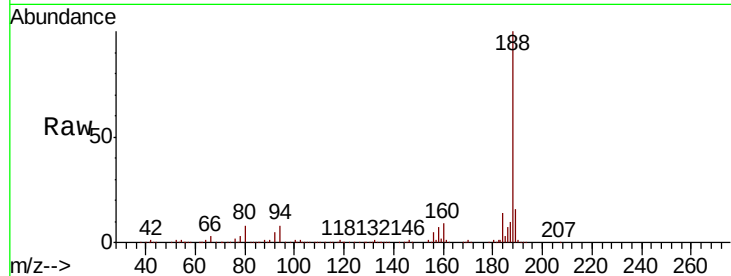
Tot Ion:188 Resp: 464266

Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

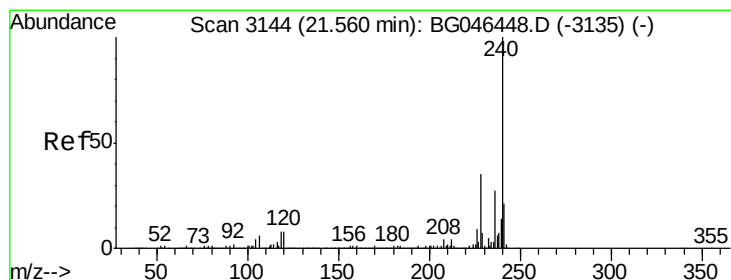
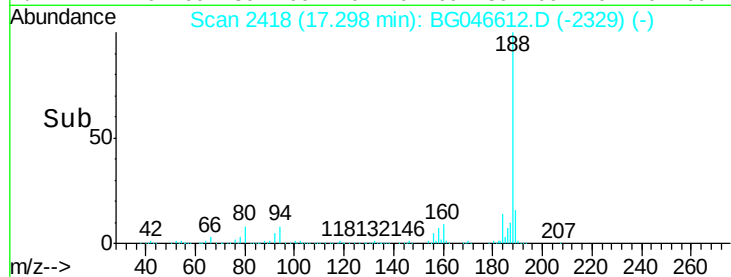
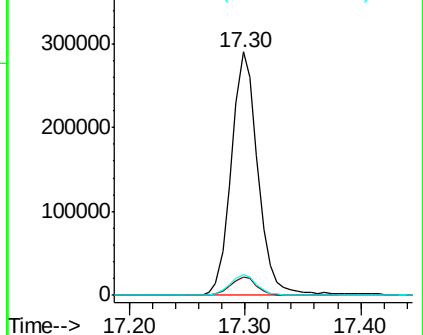
80 8.4 6.9 10.3



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: 21.55 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

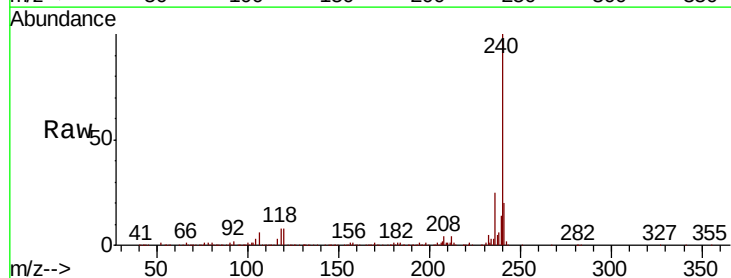
Tgt Ion:240 Resp: 496785

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

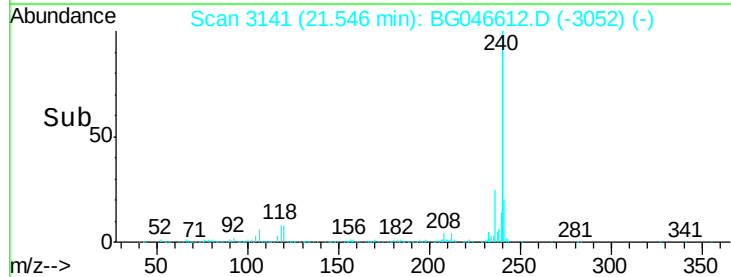
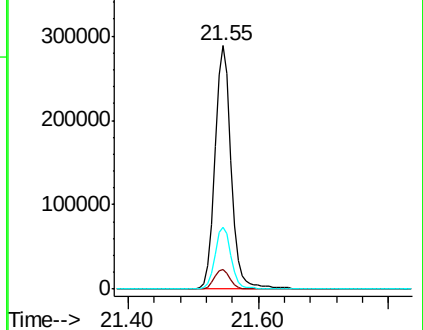
236 25.4 21.4 32.2

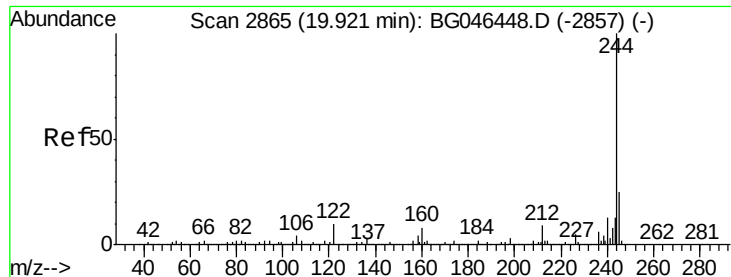


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.480 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

Instrument :

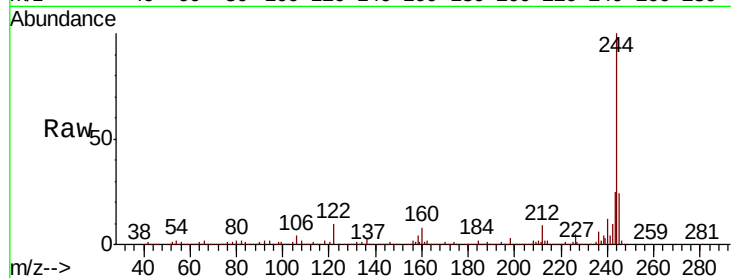
BNA_G

ClientSampleId :

PAV-B38-091120-10-17

Tot Ion:244 Resp: 1738610

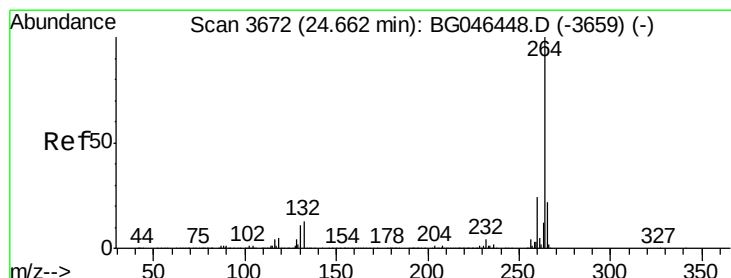
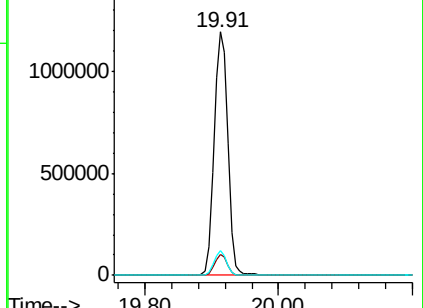
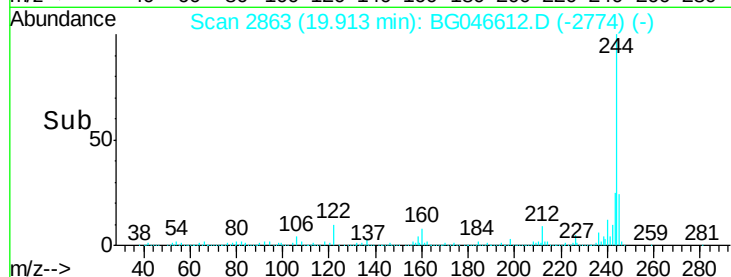
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	10.0	8.2	12.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

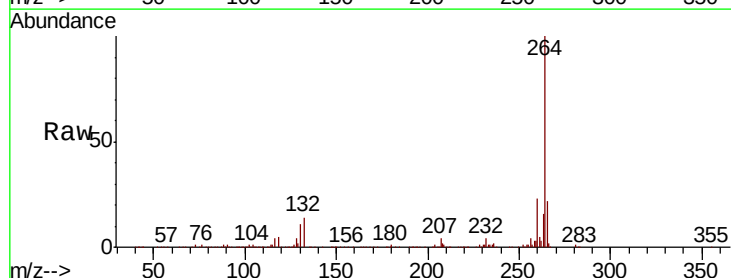
Delta R.T. -0.01 min

Lab File: BG046612.D

Acq: 14 Sep 2020 20:52

Tgt Ion:264 Resp: 482461

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.4	17.9	26.9



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

