

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046624.D
 Acq On : 15 Sep 2020 14:47
 Operator : CG/JU
 Sample : L4006-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CON-1

Quant Time: Sep 15 15:37:37 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

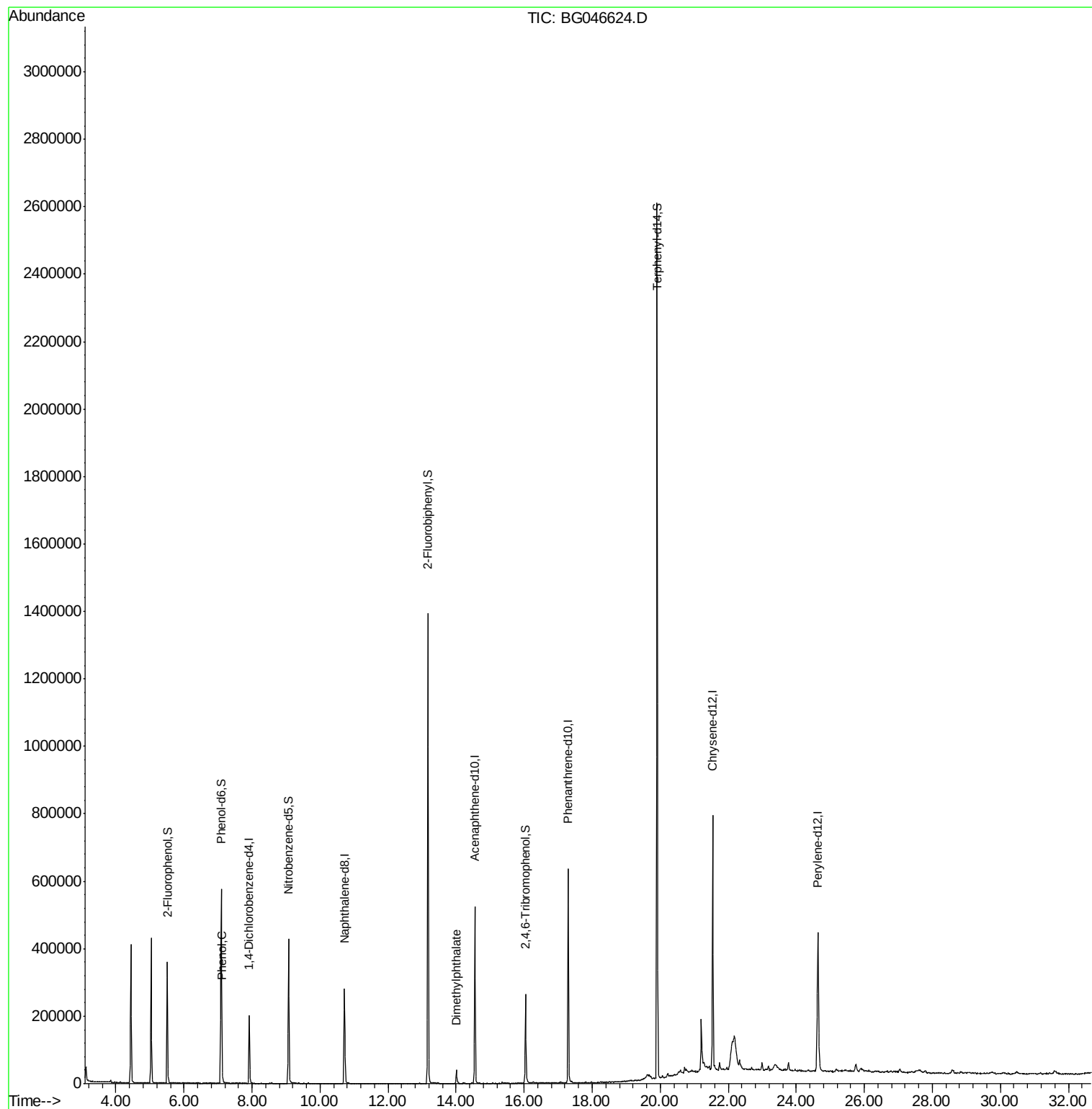
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	65125	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	280888	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	199630	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	441612	20.00	ng	0.00
76) Chrysene-d12	21.54	240	462382	20.00	ng	0.00
86) Perylene-d12	24.64	264	452764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	172265	46.85	ng	0.00
7) Phenol-d6	7.09	99	379207	72.75	ng	0.00
23) Nitrobenzene-d5	9.07	82	283533	57.69	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	66271	24.50	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	812845	62.16	ng	0.00
79) Terphenyl-d14	19.91	244	1186747	54.62	ng	0.00
Target Compounds						
10) Phenol	7.12	94	10126	2.109	ng	81
50) Dimethylphthalate	14.01	163	38938	2.521	ng	# 98

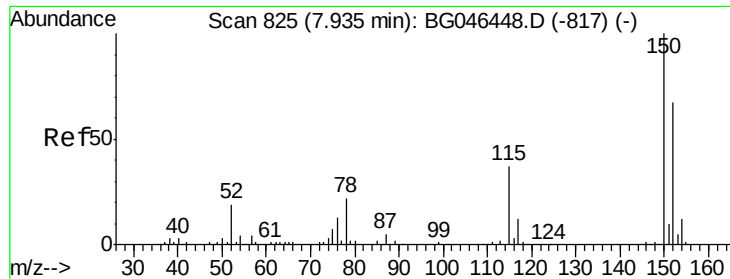
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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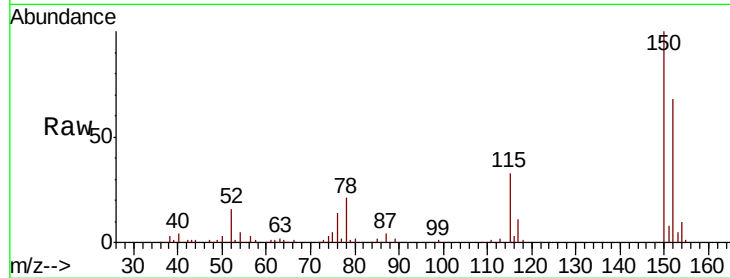


#1

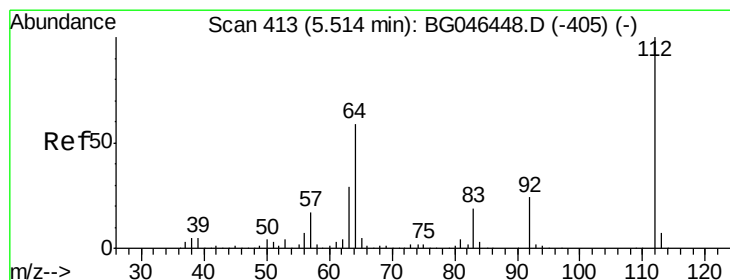
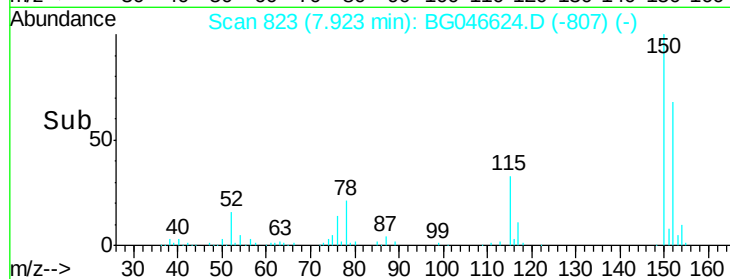
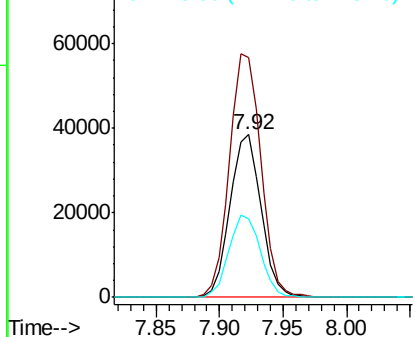
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG046624.D
Acq: 15 Sep 2020 14:47

Instrument :
BNA_G
ClientSampled :
CON-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	119.5	179.3
115	48.1	44.3	66.5



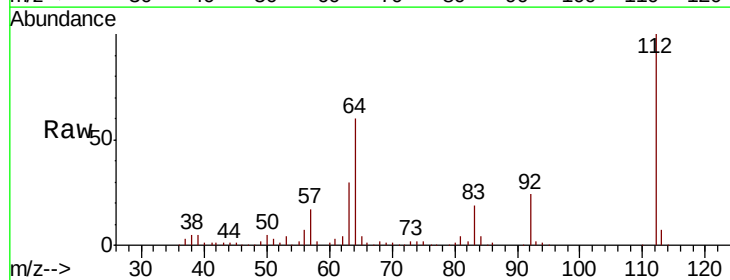
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



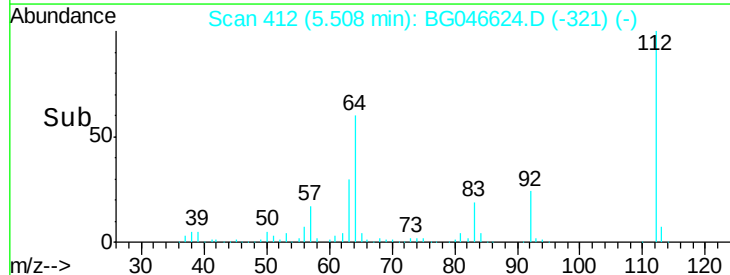
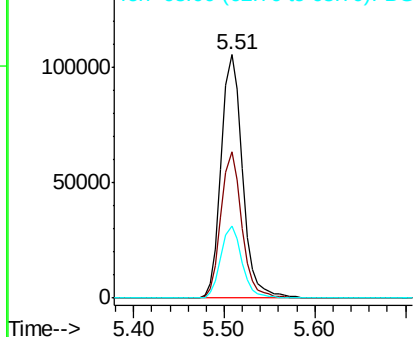
#5

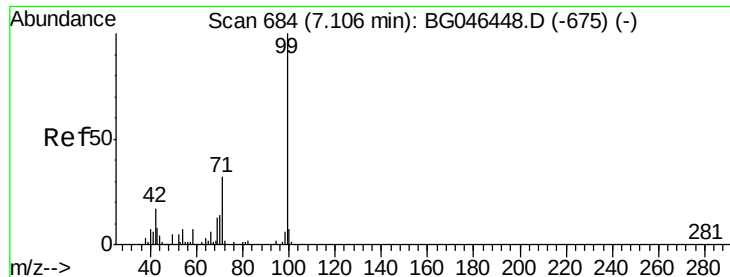
2-Fluorophenol
Concen: 46.850 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG046624.D
Acq: 15 Sep 2020 14:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.0	70.6
63	29.8	23.5	35.3



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: 72.751 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046624.D

Acq: 15 Sep 2020 14:47

Instrument :

BNA_G

ClientSampled :

CON-1

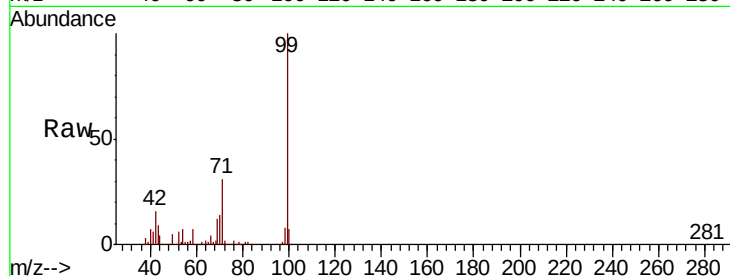
Tot Ion: 99 Resp: 379207

Ion Ratio Lower Upper

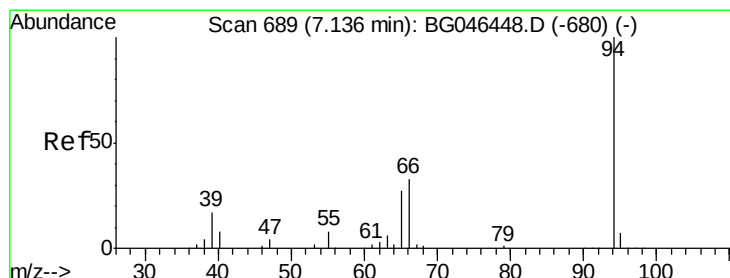
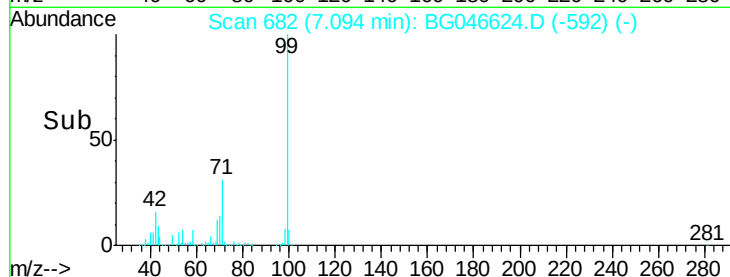
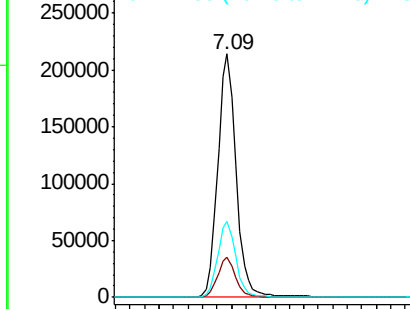
99 100

42 16.3 13.3 19.9

71 31.1 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: 2.109 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046624.D

Acq: 15 Sep 2020 14:47

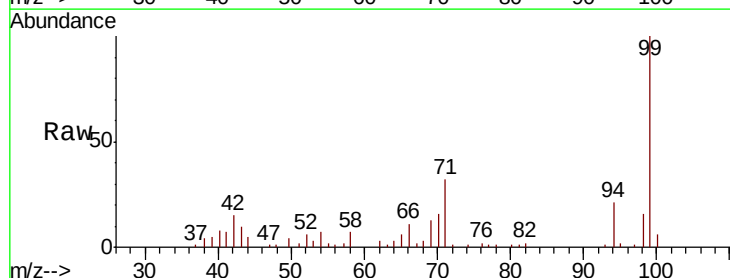
Tgt Ion: 94 Resp: 10126

Ion Ratio Lower Upper

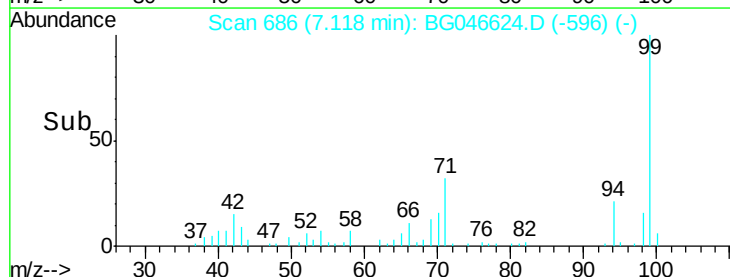
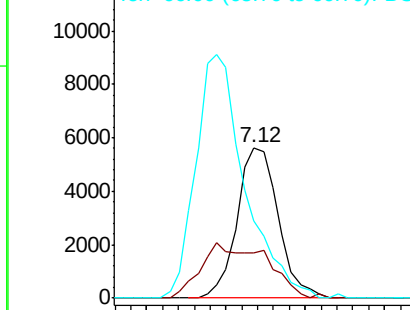
94 100

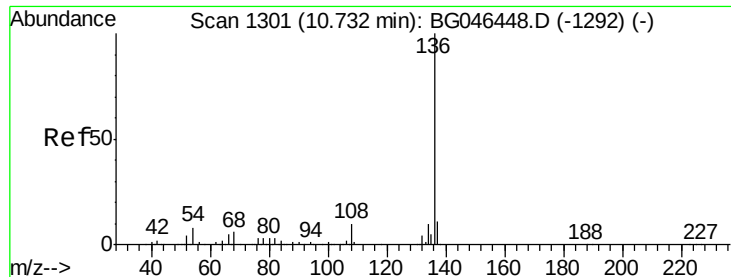
65 30.4 7.5 47.5

66 51.6 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

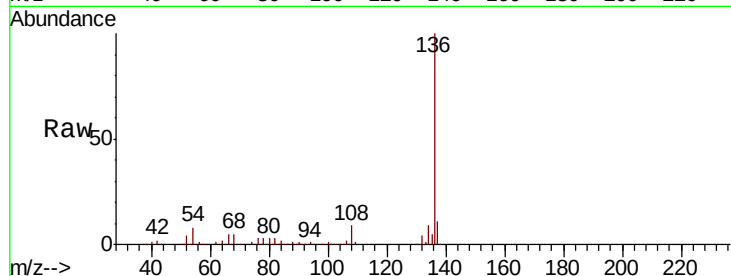




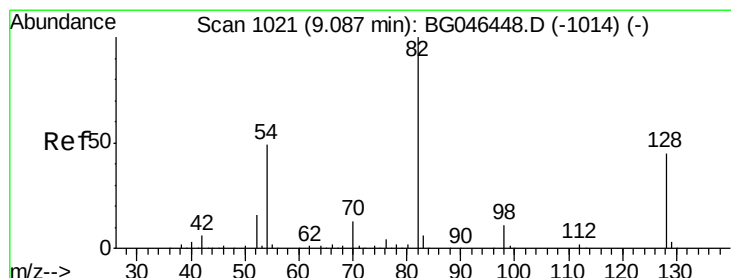
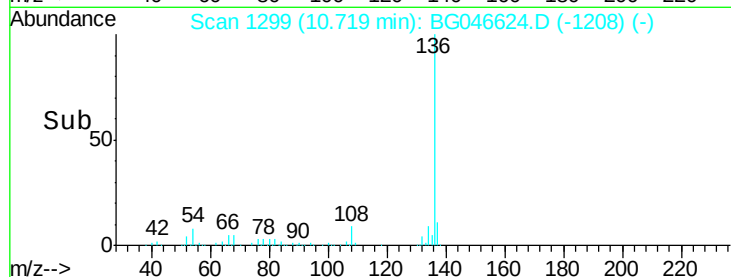
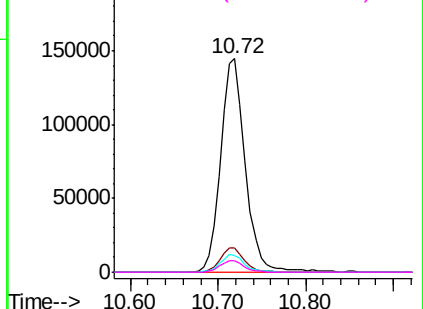
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG046624.D
Acq: 15 Sep 2020 14:47

Instrument :
BNA_G
ClientSampled :
CON-1

Tot Ion:136 Resp: 280888
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 6.1 9.1
68 5.4 4.8 7.2

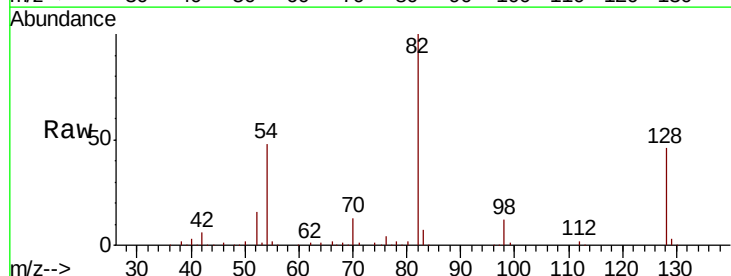


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

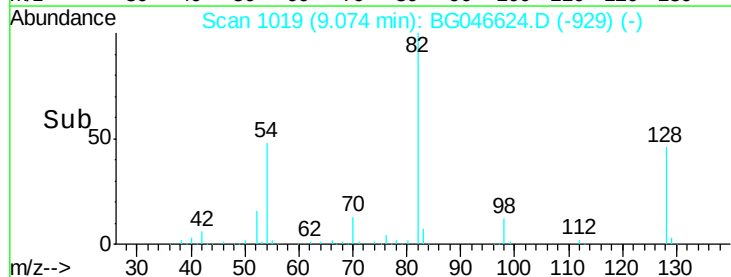
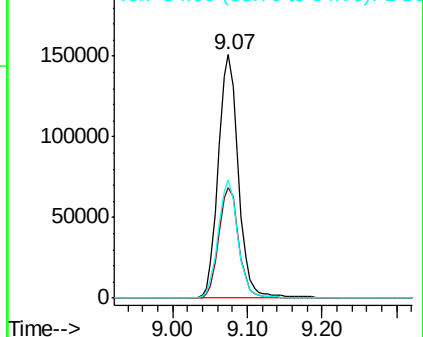


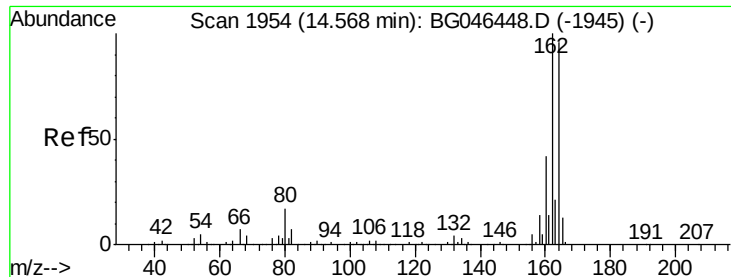
#23
Nitrobenzene-d5
Concen: 57.693 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046624.D
Acq: 15 Sep 2020 14:47

Tgt Ion: 82 Resp: 283533
Ion Ratio Lower Upper
82 100
128 45.6 35.7 53.5
54 48.5 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: BG046624.D

Acq: 15 Sep 2020 14:47

Instrument :

BNA_G

ClientSampled :

CON-1

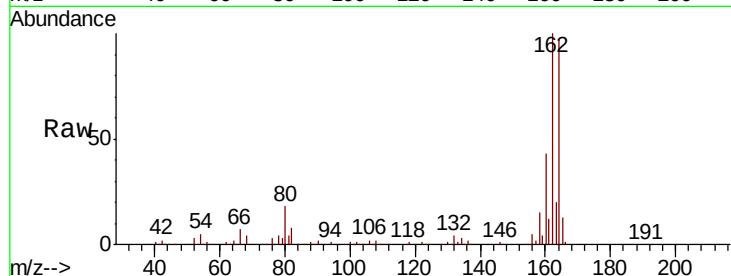
Tot Ion:164 Resp: 199630

Ion Ratio Lower Upper

164 100

162 103.5 83.3 124.9

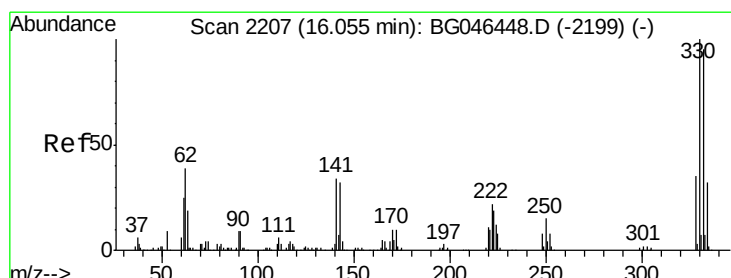
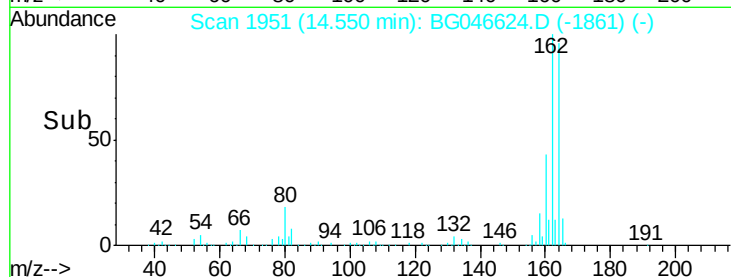
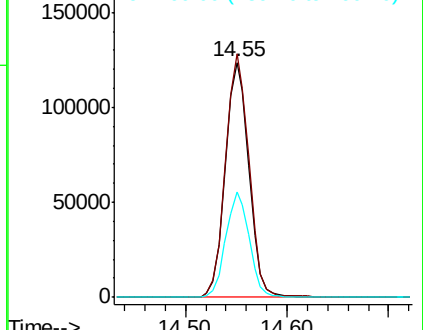
160 44.6 35.0 52.6



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: 24.501 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG046624.D

Acq: 15 Sep 2020 14:47

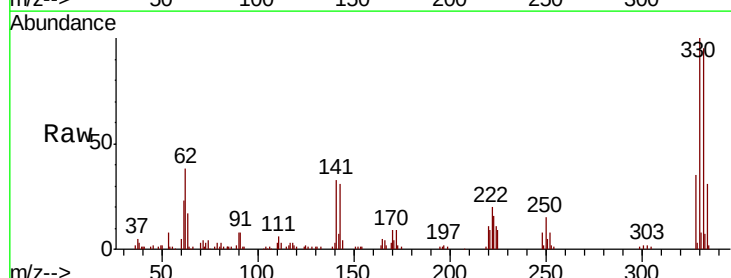
Tgt Ion:330 Resp: 66271

Ion Ratio Lower Upper

330 100

332 96.2 76.1 114.1

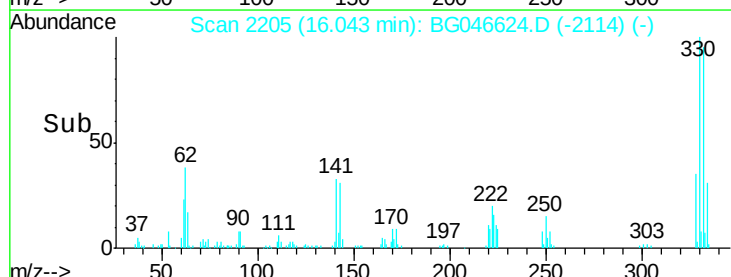
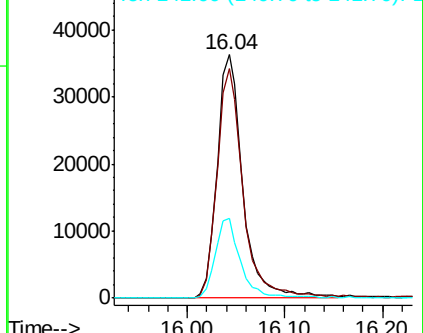
141 32.2 26.1 39.1

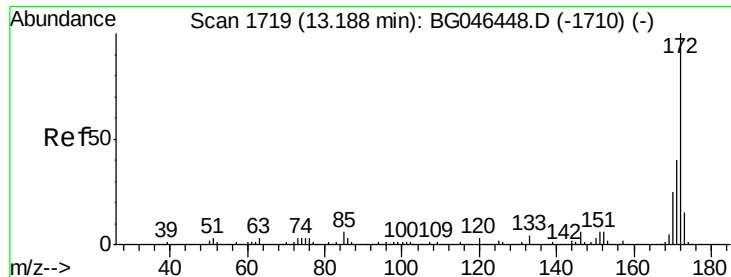


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

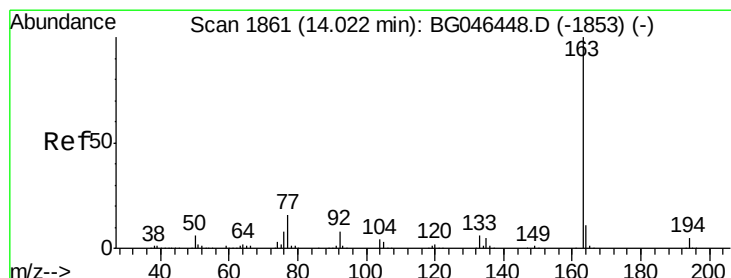
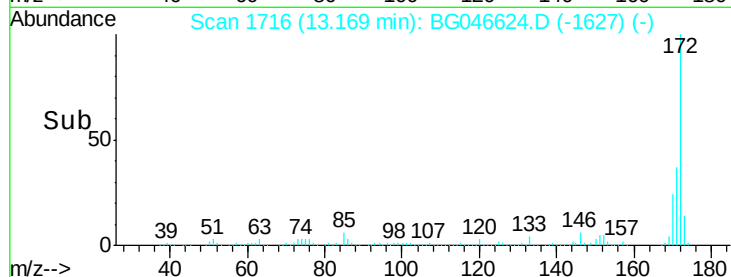
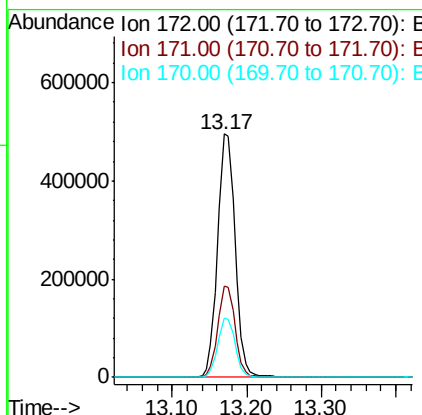
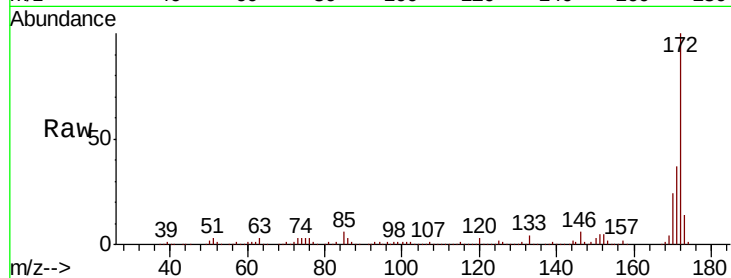




#45
 2-Fluorobiphenyl
 Concen: 62.158 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG046624.D
 Acq: 15 Sep 2020 14:47

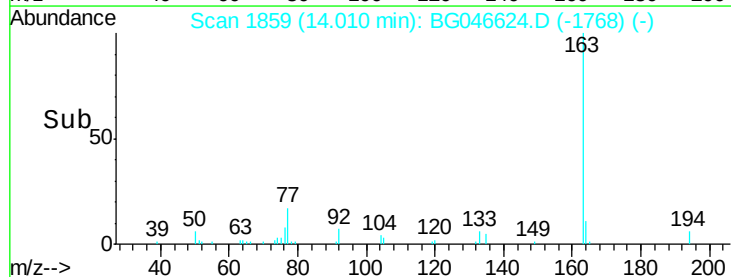
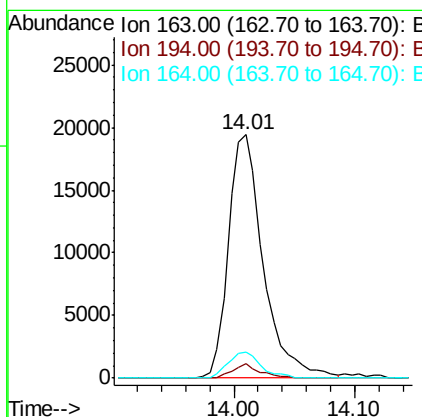
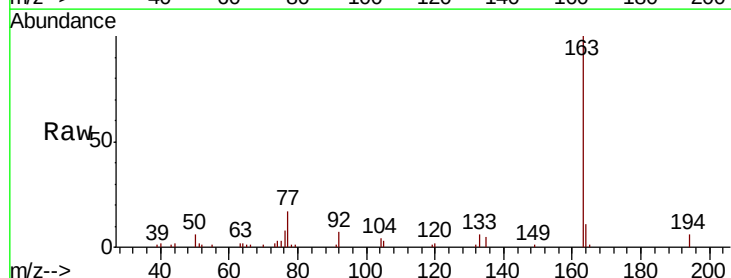
Instrument :
 BNA_G
 ClientSampleId :
 CON-1

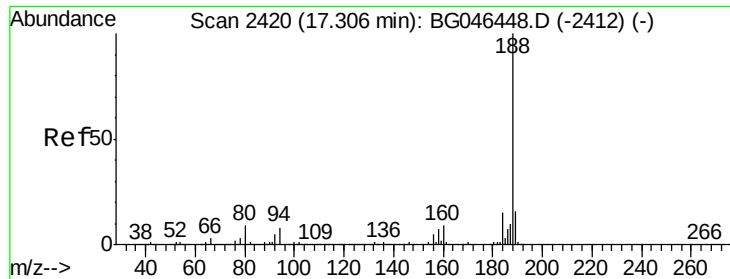
Tot Ion:172 Resp: 812845
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.8 47.6
 170 24.2 20.3 30.5



#50
 Dimethylphthalate
 Concen: 2.521 ng
 RT: 14.01 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BG046624.D
 Acq: 15 Sep 2020 14:47

Tgt Ion:163 Resp: 38938
 Ion Ratio Lower Upper
 163 100
 194 6.1 3.7 5.5#
 164 10.9 8.6 12.8

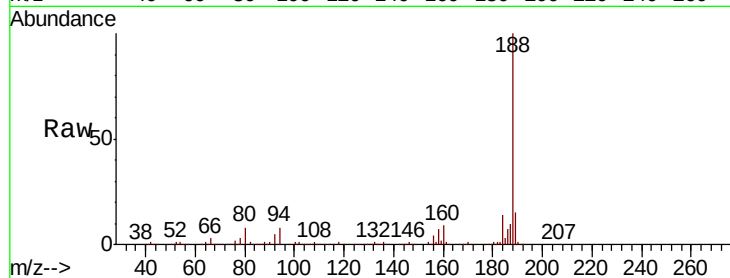




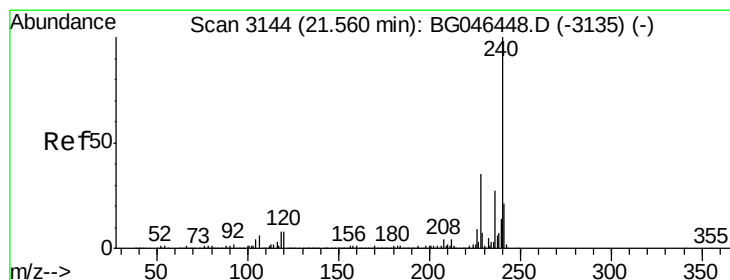
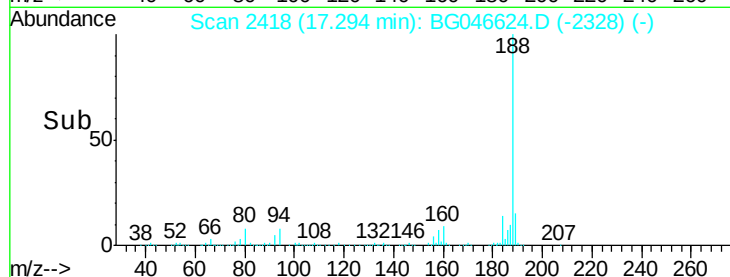
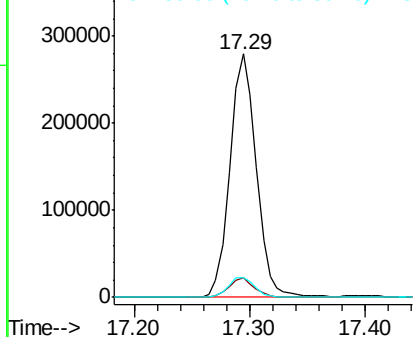
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046624.D
Acq: 15 Sep 2020 14:47

Instrument :
BNA_G
ClientSampleId :
CON-1

Tot Ion:188 Resp: 441612
Ion Ratio Lower Upper
188 100
94 7.9 6.3 9.5
80 8.0 6.9 10.3

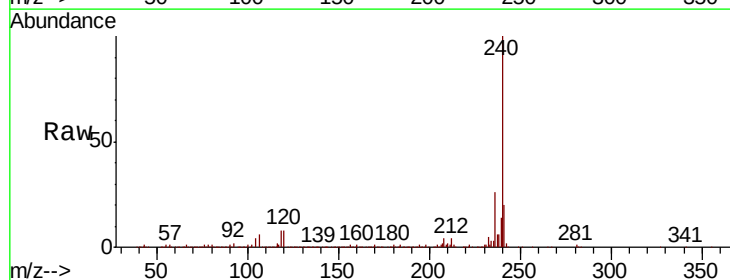


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

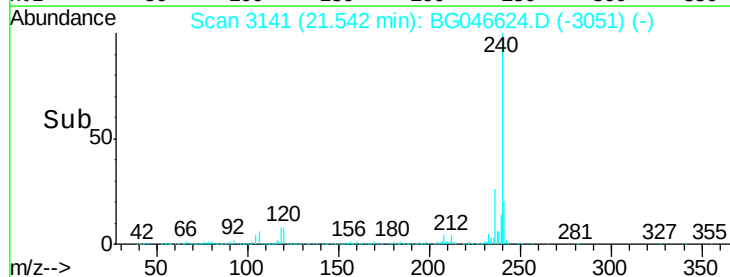
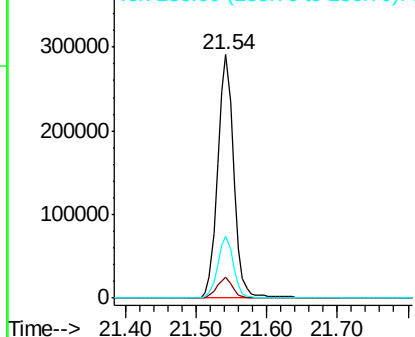


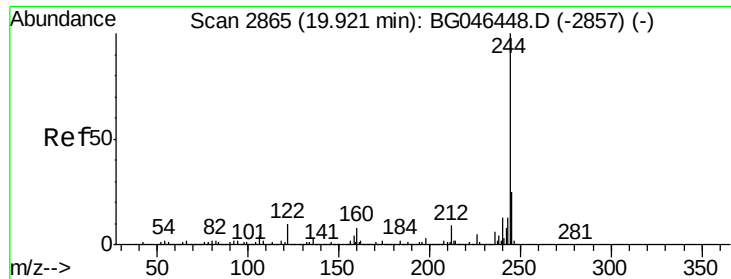
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046624.D
Acq: 15 Sep 2020 14:47

Tgt Ion:240 Resp: 462382
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 25.6 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: 54.622 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046624.D

Acq: 15 Sep 2020 14:47

Instrument :

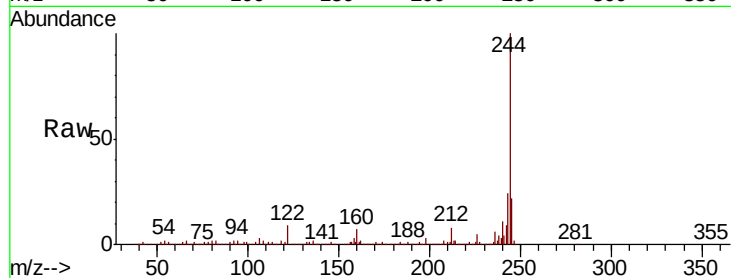
BNA_G

ClientSampleId :

CON-1

Tot Ion:244 Resp: 1186747

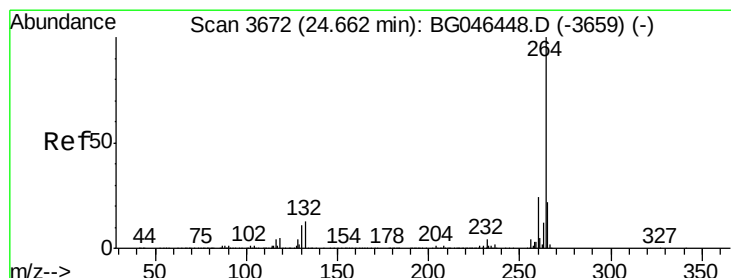
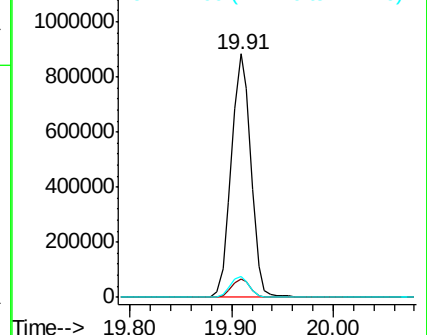
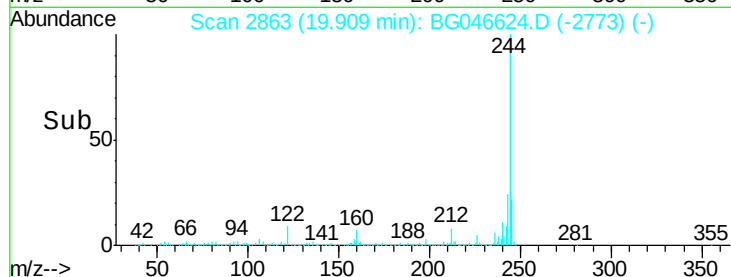
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	8.7	8.2	12.4



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

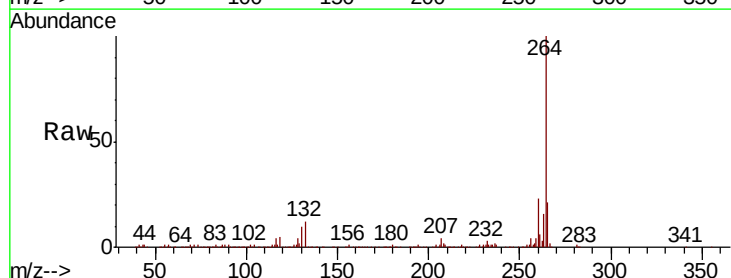
Delta R.T. 0.00 min

Lab File: BG046624.D

Acq: 15 Sep 2020 14:47

Tgt Ion:264 Resp: 452764

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.9	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

