

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043396.D
 Acq On : 30 Oct 2019 6:32
 Operator : JU
 Sample : K5576-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-3

Quant Time: Oct 30 09:21:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

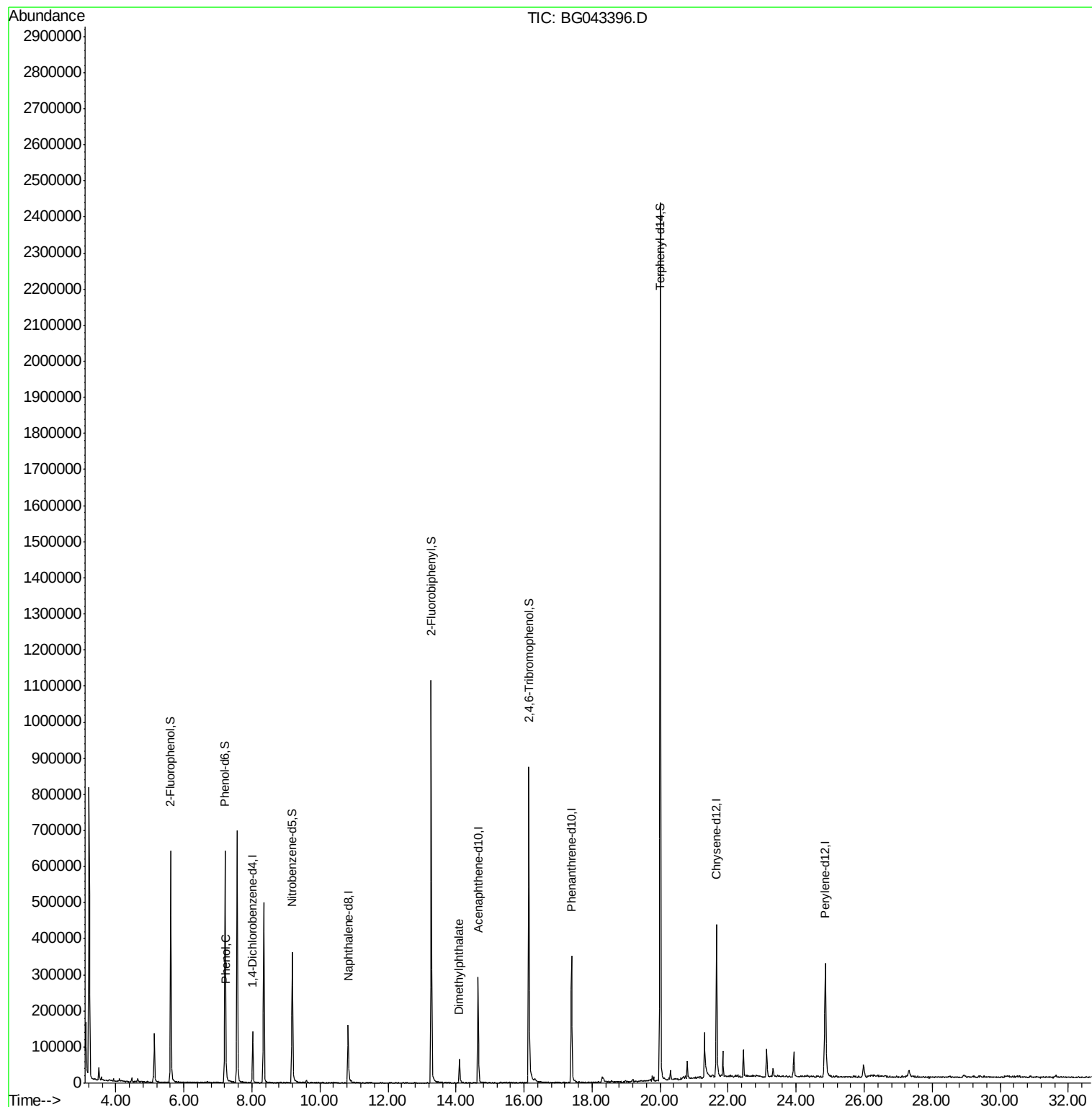
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43297	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	160022	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	118208	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	266949	20.00	ng	0.00
76) Chrysene-d12	21.66	240	299658	20.00	ng	-0.01
87) Perylene-d12	24.85	264	348369	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	295309	124.98	ng	0.01
7) Phenol-d6	7.21	99	409631	120.50	ng	0.00
23) Nitrobenzene-d5	9.18	82	247869	79.86	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	238288	105.93	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	662781	77.48	ng	0.00
79) Terphenyl-d14	20.01	244	1362613	85.31	ng	0.00
Target Compounds						
10) Phenol	7.24	94	8658	2.787	ng	Qvalue # 69
50) Dimethylphthalate	14.10	163	58715	6.413	ng	99

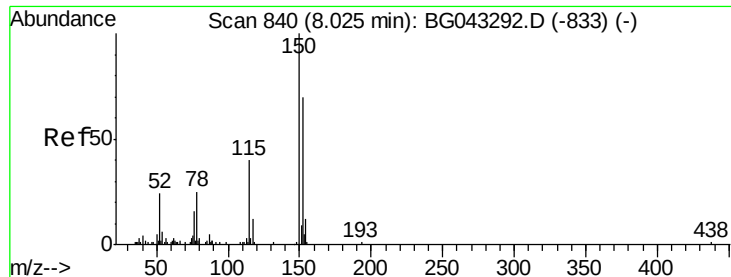
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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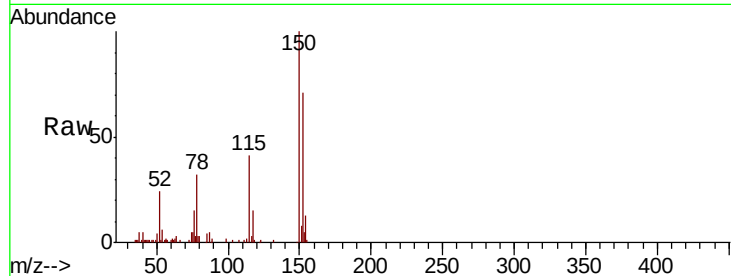


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043396.D
Acq: 30 Oct 2019 6:32

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.0	113.6	170.4
115	57.7	45.9	68.9

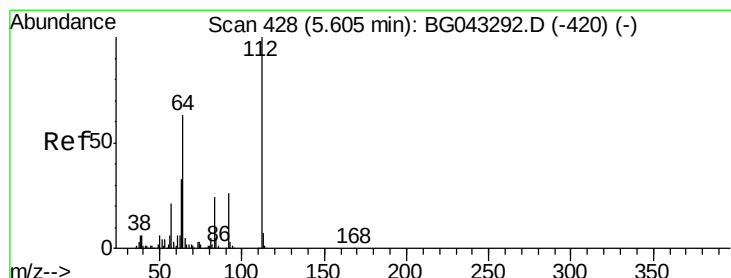
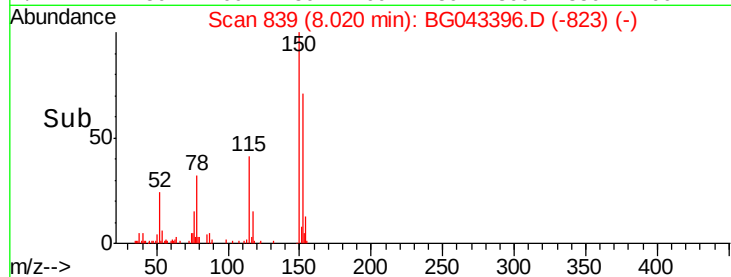
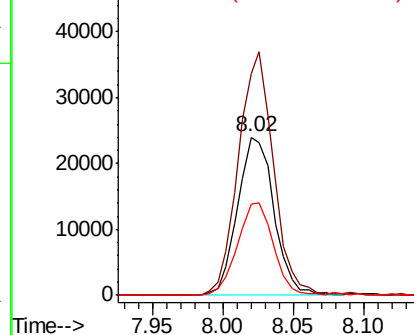


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

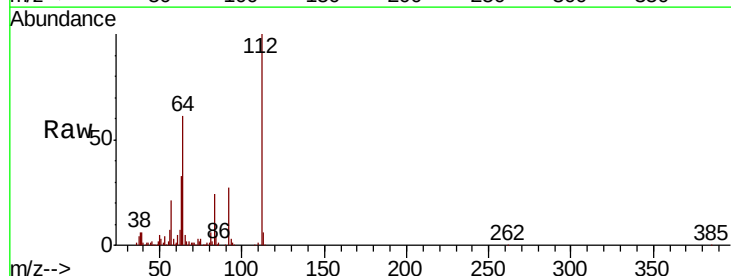
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.983 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043396.D
Acq: 30 Oct 2019 6:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	50.2	75.2
63	33.1	26.7	40.1

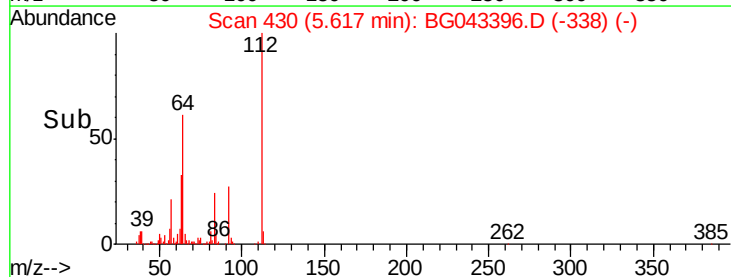
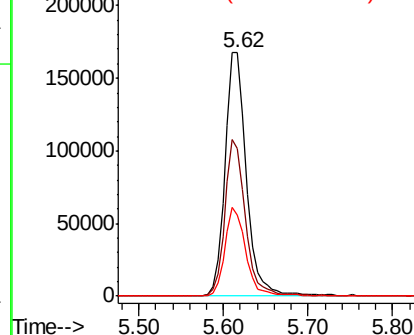


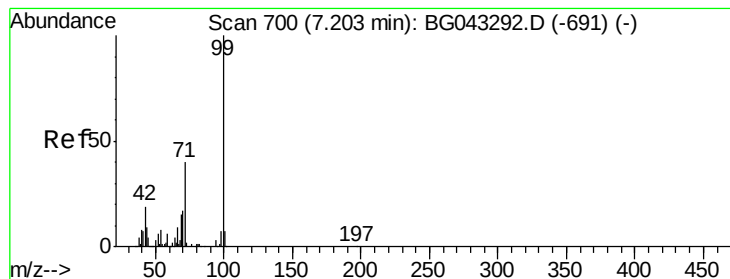
Abundance

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: 120.497 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

Instrument :

BNA_G

ClientSampled :

CSA-2-1-3

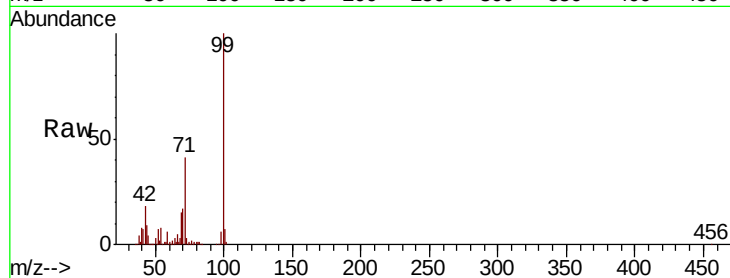
Tot Ion: 99 Resp: 409631

Ion Ratio Lower Upper

99 100

42 17.9 14.9 22.3

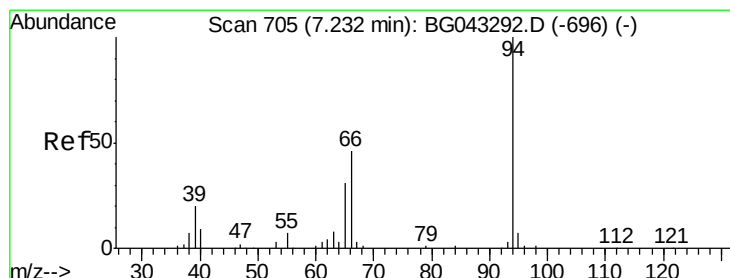
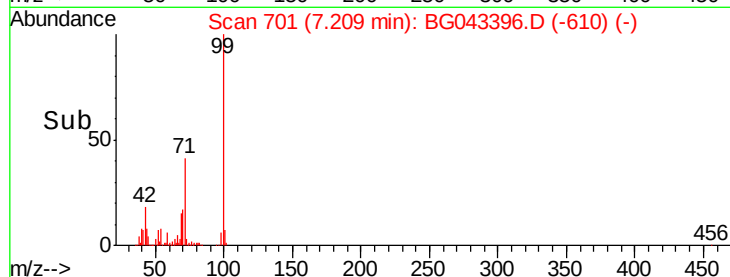
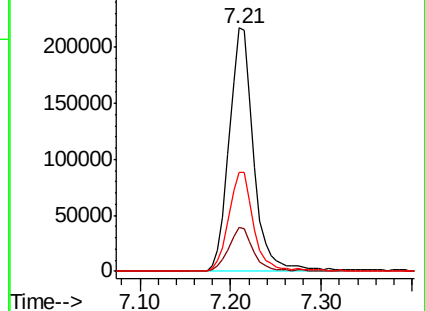
71 40.8 32.2 48.2



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: 2.787 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

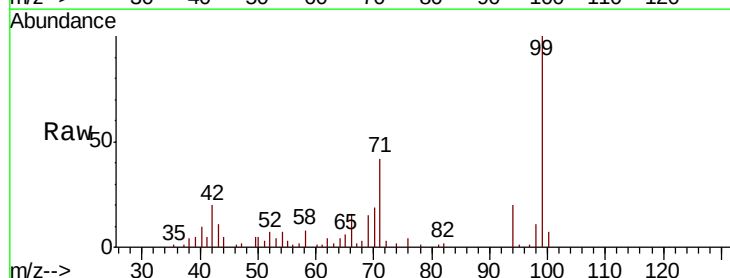
Tgt Ion: 94 Resp: 8658

Ion Ratio Lower Upper

94 100

65 28.9 11.1 51.1

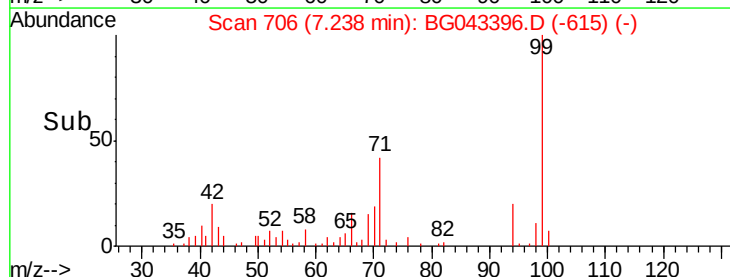
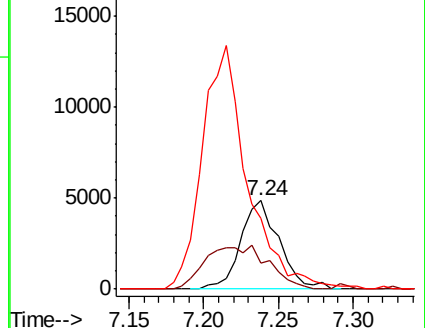
66 80.0 27.8 67.8#

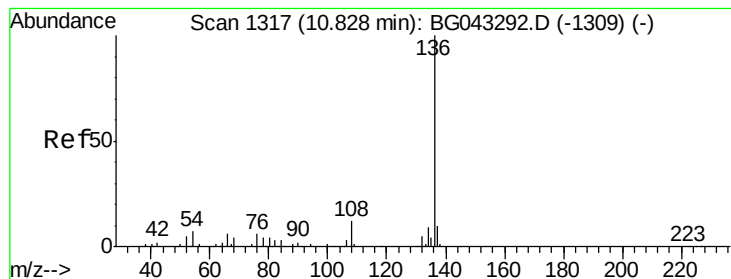


Abundance Ion 94.00 (93.70 to 94.70): BGC

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: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-3

Tot Ion:136 Resp: 160022

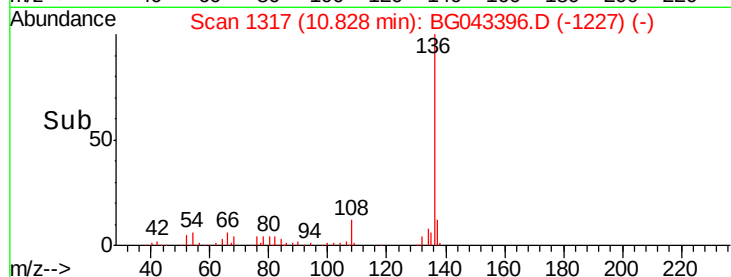
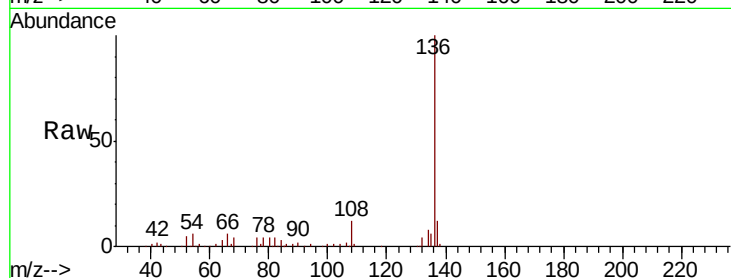
Ion Ratio Lower Upper

136 100

137 11.6 8.2 12.2

54 6.2 5.4 8.2

68 3.8 3.3 4.9

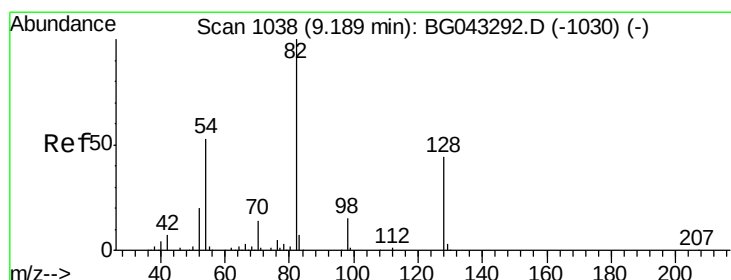
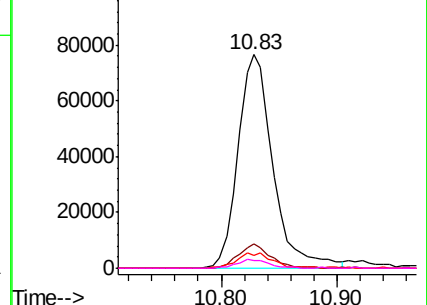


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.856 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

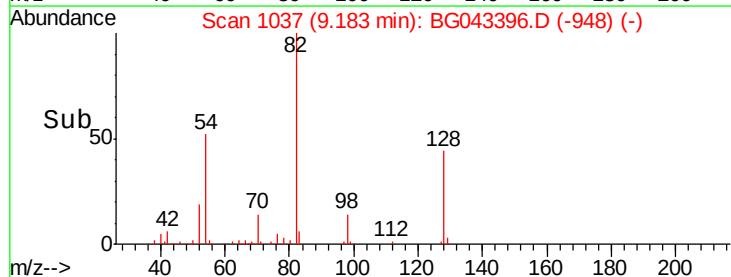
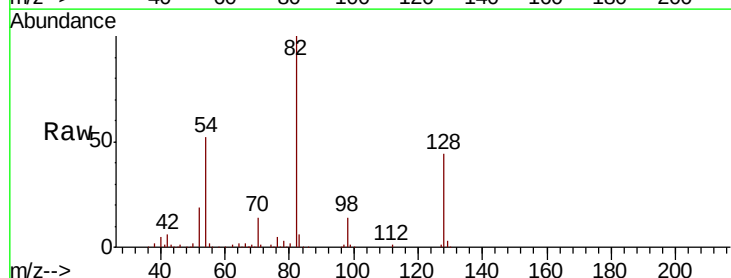
Tgt Ion: 82 Resp: 247869

Ion Ratio Lower Upper

82 100

128 44.1 35.3 52.9

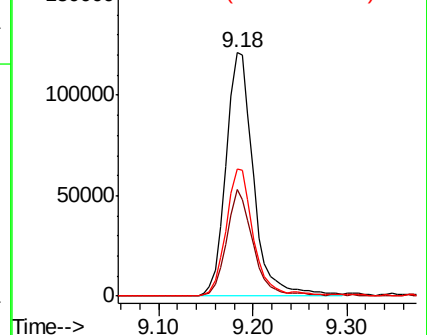
54 52.0 42.3 63.5

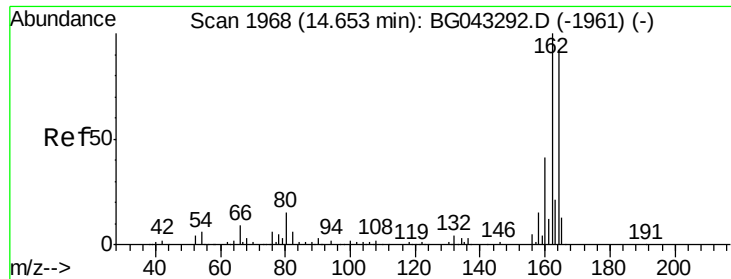


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-3

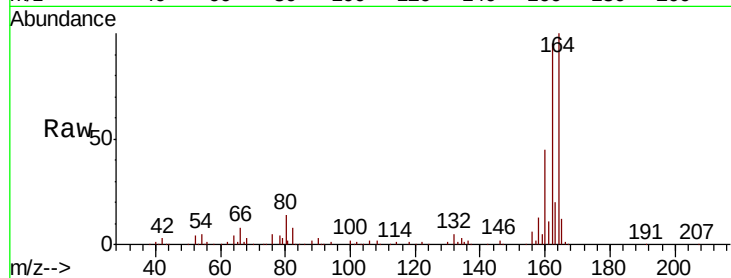
Tot Ion:164 Resp: 118208

Ion Ratio Lower Upper

164 100

162 94.6 87.0 130.4

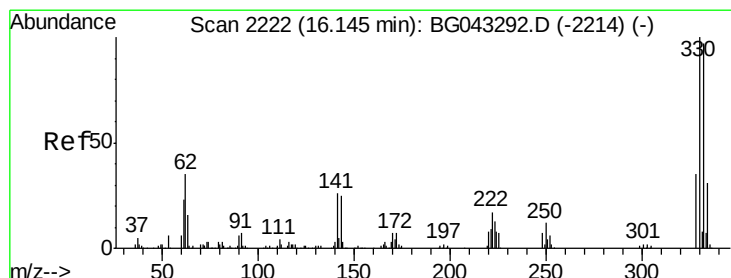
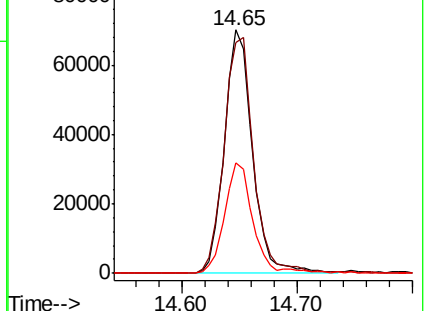
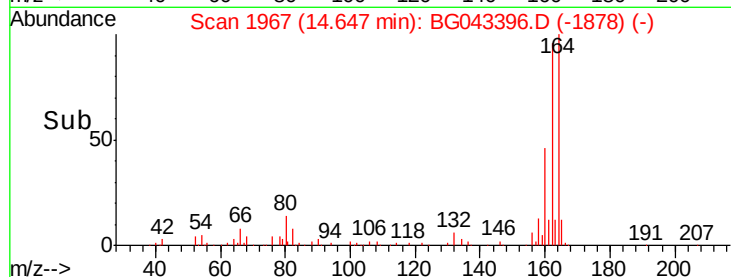
160 45.3 35.5 53.3



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: 105.929 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

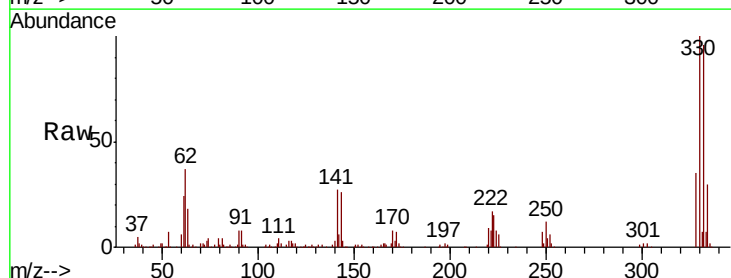
Tgt Ion:330 Resp: 238288

Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

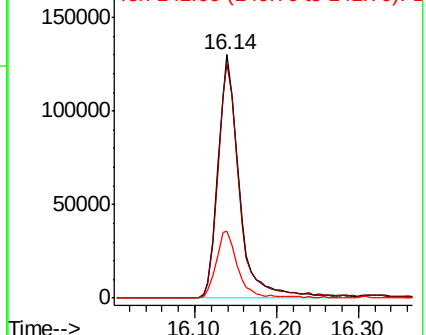
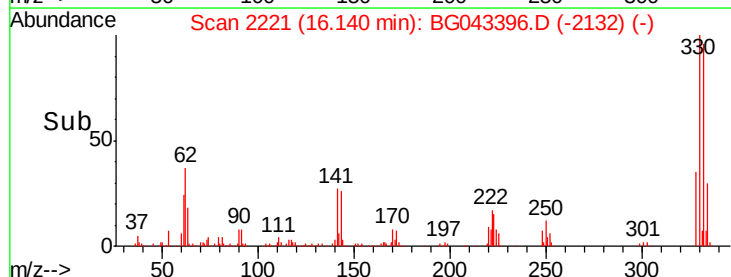
141 28.5 21.4 32.0

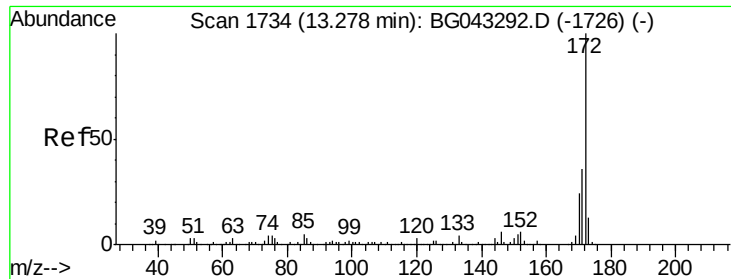


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

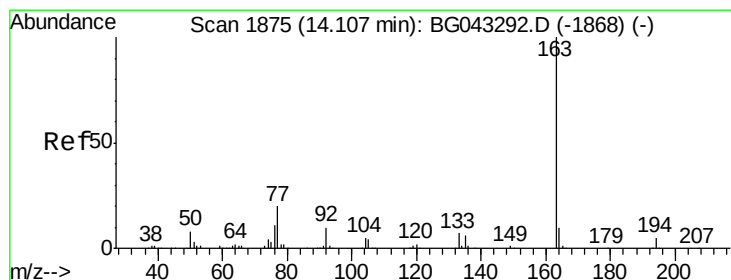
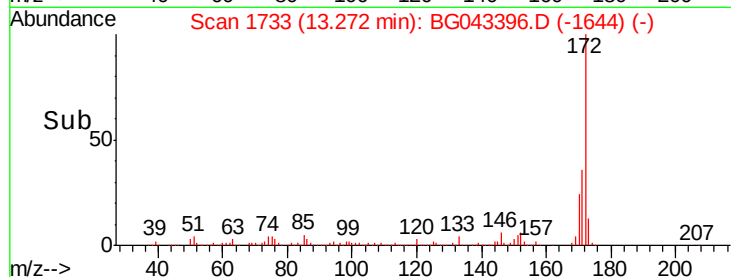
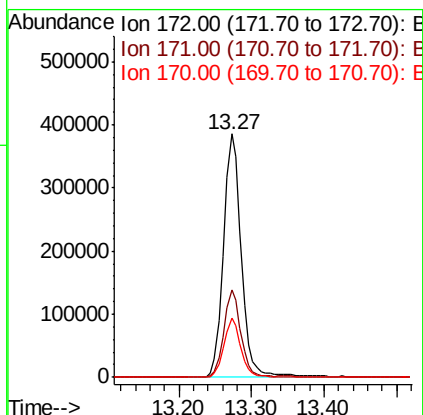
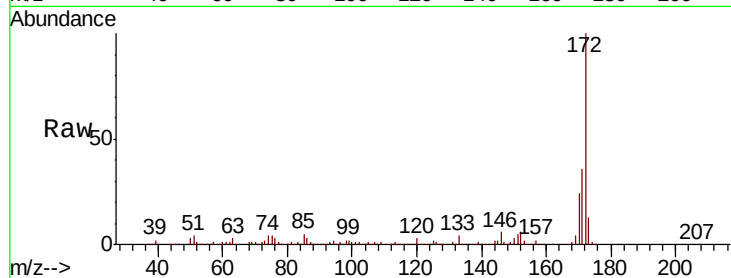




#45
 2-Fluorobiphenyl
 Concen: 77.476 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043396.D
 Acq: 30 Oct 2019 6:32

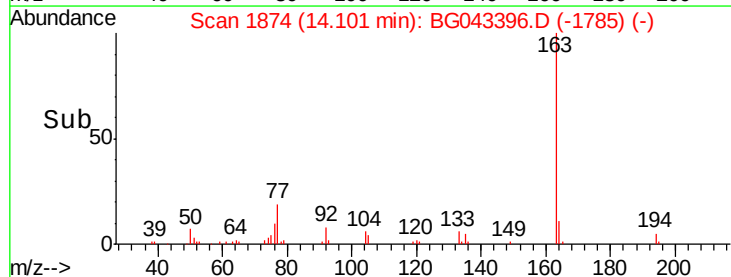
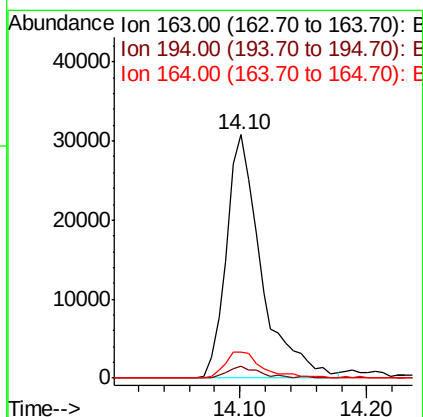
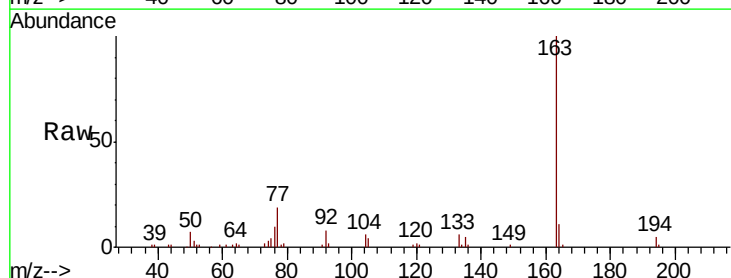
Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-3

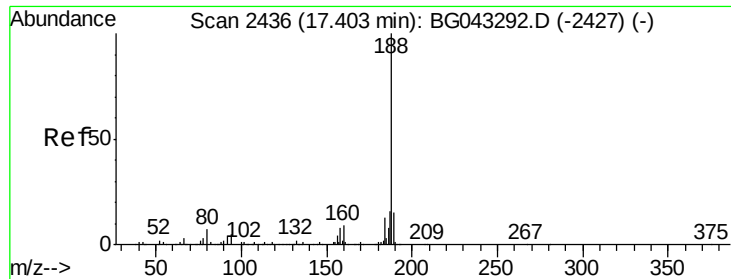
Tot Ion:172 Resp: 662781
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.2 18.8 28.2



#50
 Dimethylphthalate
 Concen: 6.413 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG043396.D
 Acq: 30 Oct 2019 6:32

Tgt Ion:163 Resp: 58715
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.7 5.5
 164 10.8 8.1 12.1

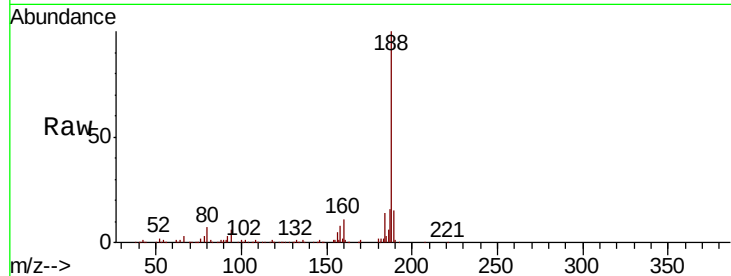




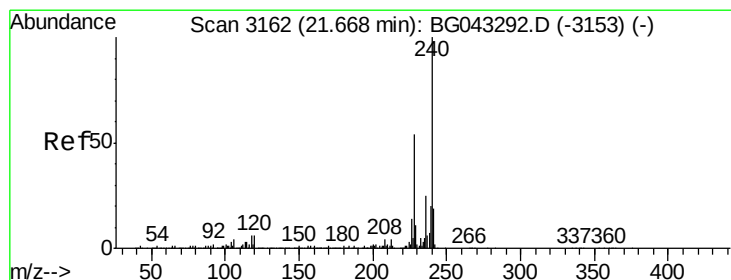
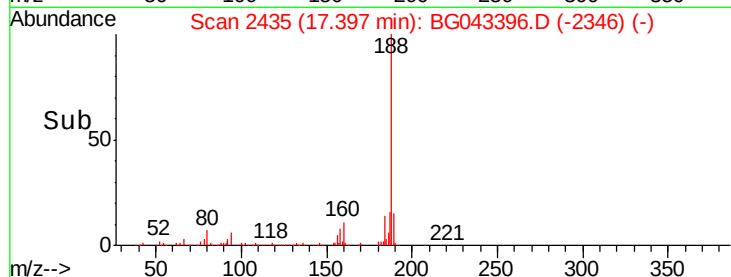
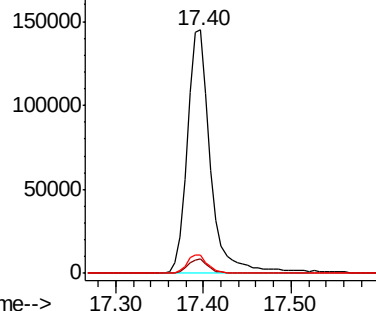
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043396.D
Acq: 30 Oct 2019 6:32

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-3

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.2
80	7.4	5.2	7.8

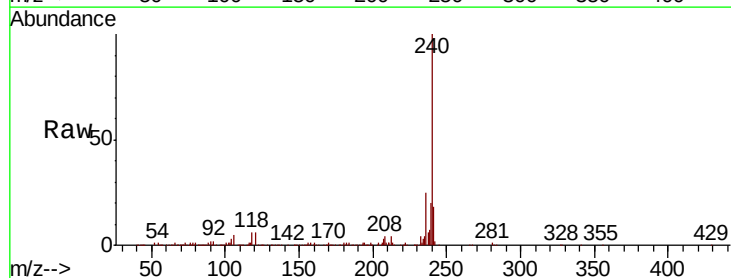


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

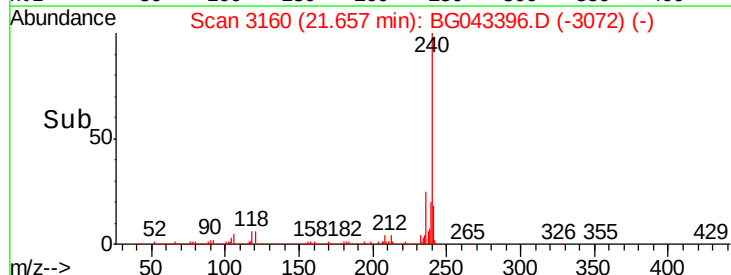
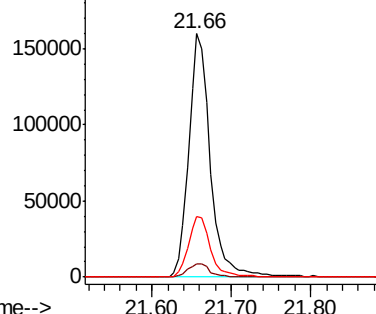


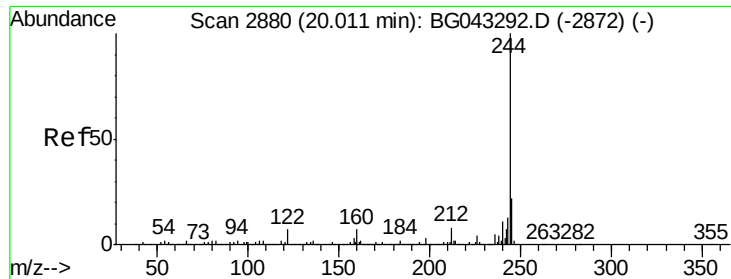
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043396.D
Acq: 30 Oct 2019 6:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.6	7.0
236	24.7	20.2	30.4



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: 85.309 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-3

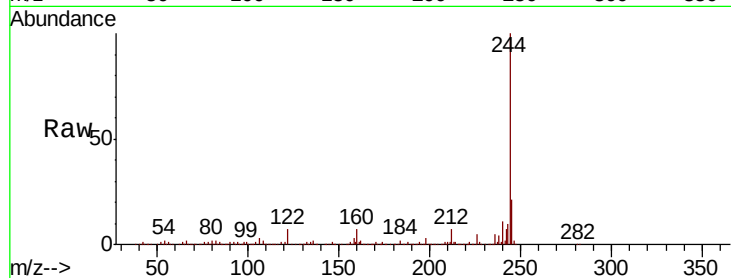
Tot Ion:244 Resp: 1362613

Ion Ratio Lower Upper

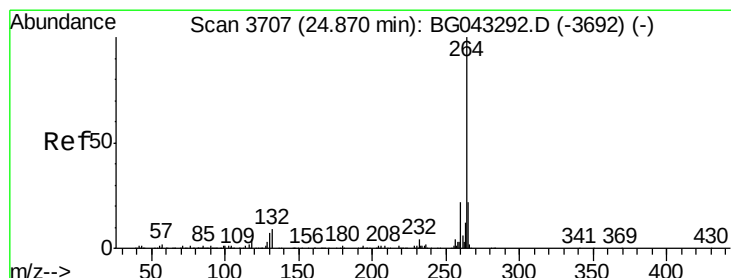
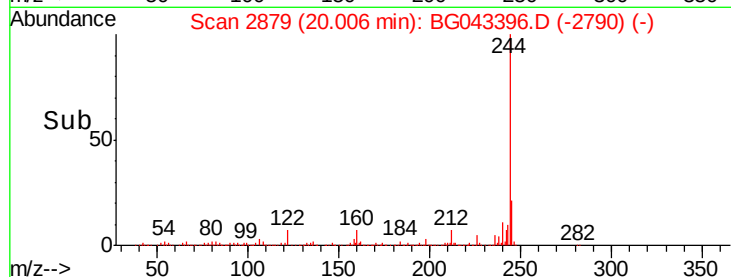
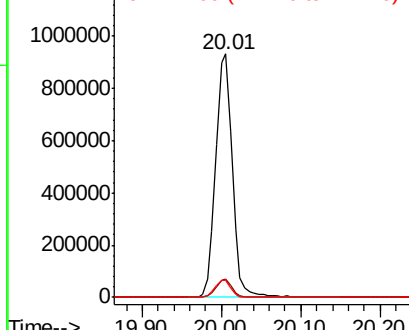
244 100

212 7.4 6.4 9.6

122 7.0 5.3 7.9



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: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043396.D

Acq: 30 Oct 2019 6:32

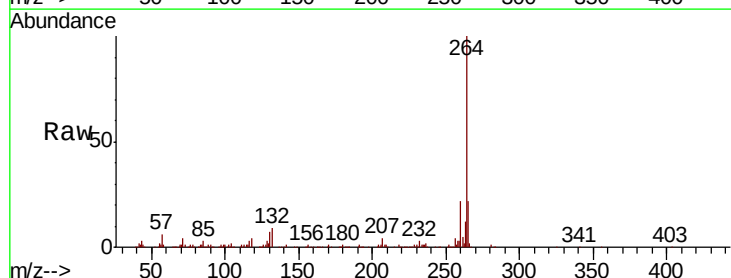
Tgt Ion:264 Resp: 348369

Ion Ratio Lower Upper

264 100

260 22.2 17.9 26.9

265 21.6 17.4 26.2



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

