

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044759.D
 Acq On : 13 Mar 2020 7:24
 Operator : CG/JU
 Sample : L1889-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CP-4

Quant Time: Mar 13 08:51:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

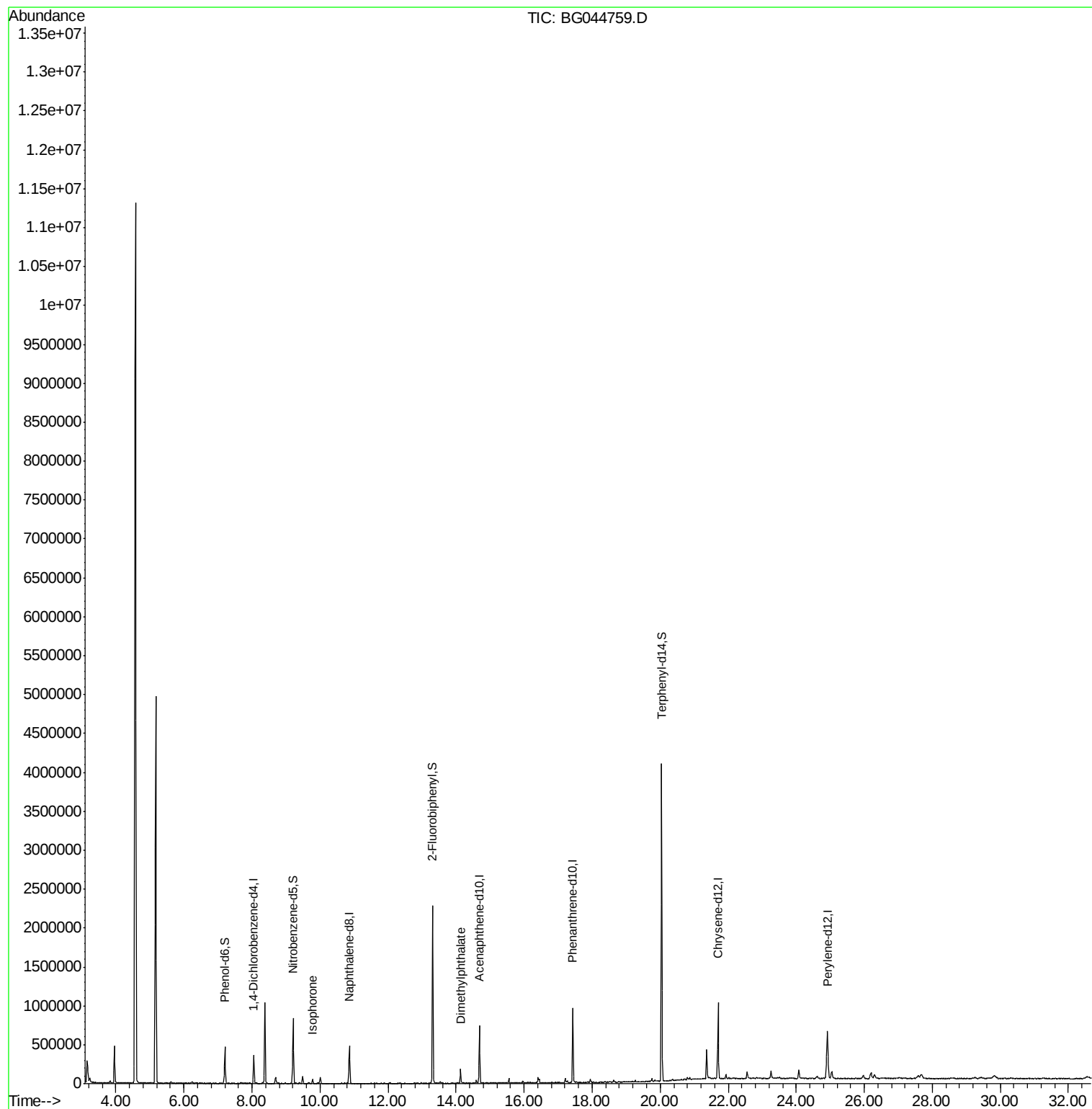
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	97346	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	399824	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	269757	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	589651	20.00	ng	0.00
76) Chrysene-d12	21.70	240	560000	20.00	ng	-0.01
87) Perylene-d12	24.91	264	644809	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	10191	1.63	ng	0.00
7) Phenol-d6	7.21	99	283638	31.22	ng	0.00
23) Nitrobenzene-d5	9.21	82	548350	60.18	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	56	0.02	ng	0.02
45) 2-Fluorobiphenyl	13.31	172	1168123	62.01	ng	0.00
79) Terphenyl-d14	20.04	244	1875756	62.66	ng	0.00
Target Compounds						
25) Isophorone	9.77	82	45829	2.577	ng	99
50) Dimethylphthalate	14.13	163	119154	5.546	ng	# 95

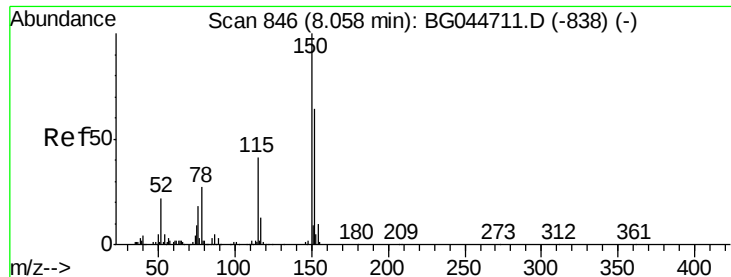
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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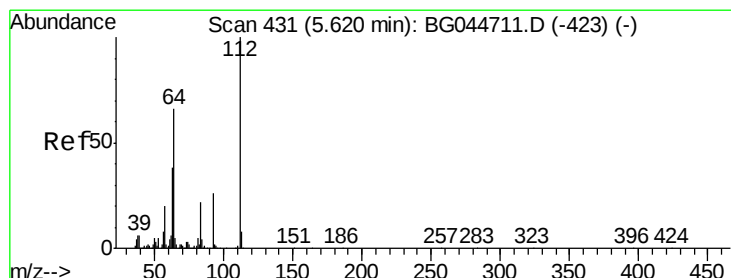
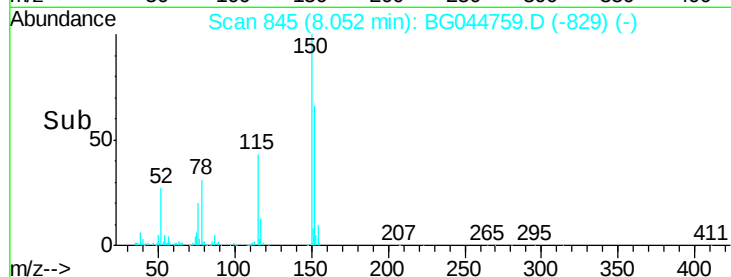
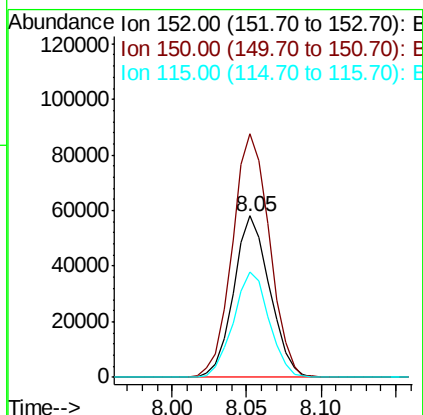
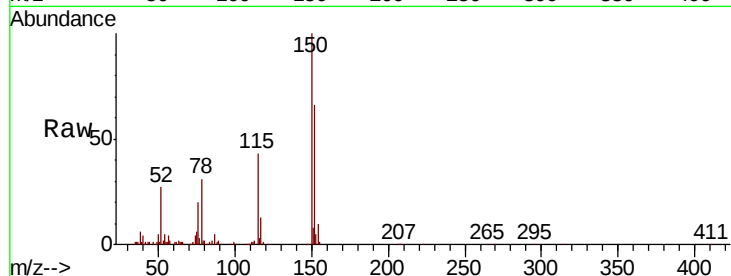


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044759.D
Acq: 13 Mar 2020 7:24

Instrument :
BNA_G
ClientSampleId :
CP-4

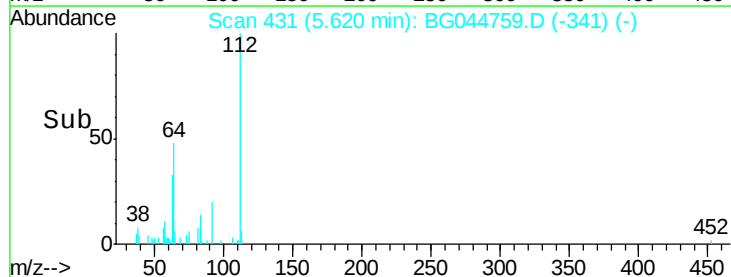
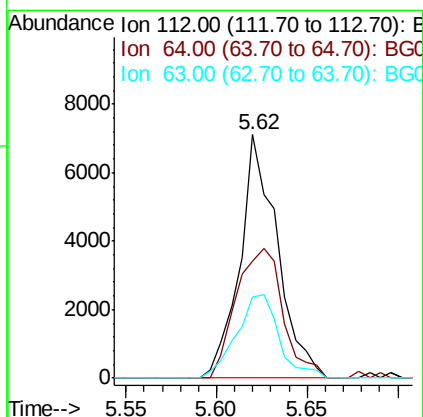
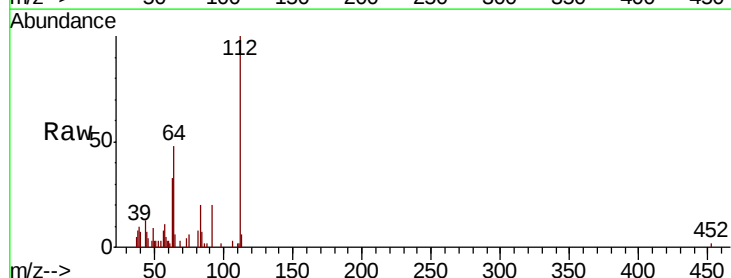
Tot Ion:152 Resp: 97346
Ion Ratio Lower Upper
152 100
150 150.9 125.3 187.9
115 65.1 51.7 77.5

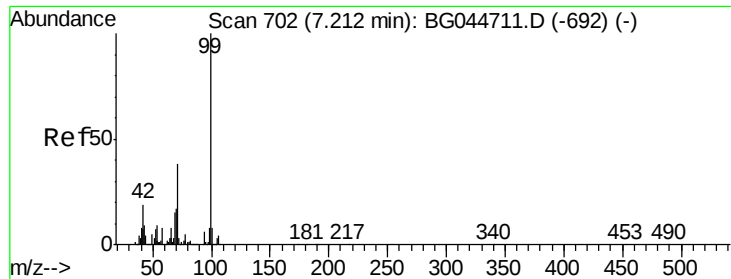


#5

2-Fluorophenol
Concen: 1.630 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.00 min
Lab File: BG044759.D
Acq: 13 Mar 2020 7:24

Tgt Ion:112 Resp: 10191
Ion Ratio Lower Upper
112 100
64 48.0 52.6 78.8#
63 33.1 30.2 45.4





#7

Phenol-d6

Concen: 31.218 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044759.D

Acq: 13 Mar 2020 7:24

Instrument :

BNA_G

ClientSampleId :

CP-4

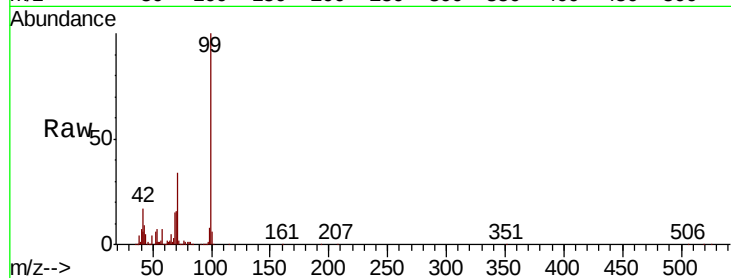
Tot Ion: 99 Resp: 283638

Ion Ratio Lower Upper

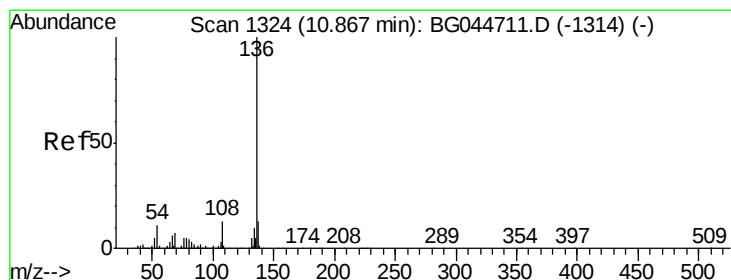
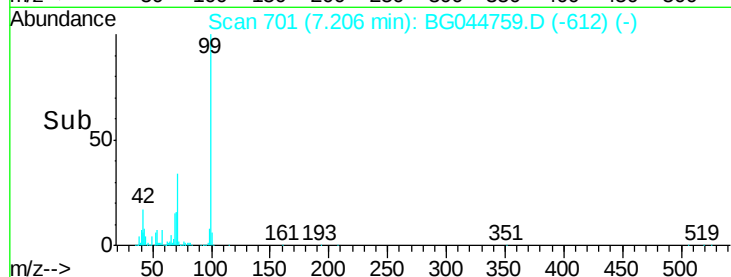
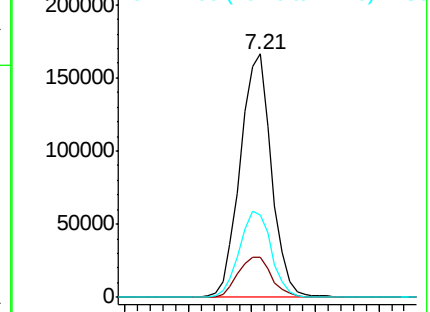
99 100

42 16.6 15.4 23.0

71 34.0 30.2 45.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG044759.D

Acq: 13 Mar 2020 7:24

Tgt Ion: 136 Resp: 399824

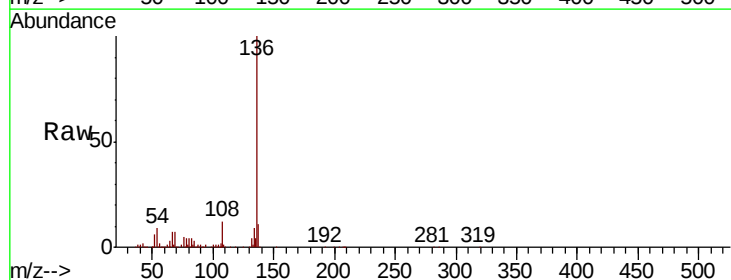
Ion Ratio Lower Upper

136 100

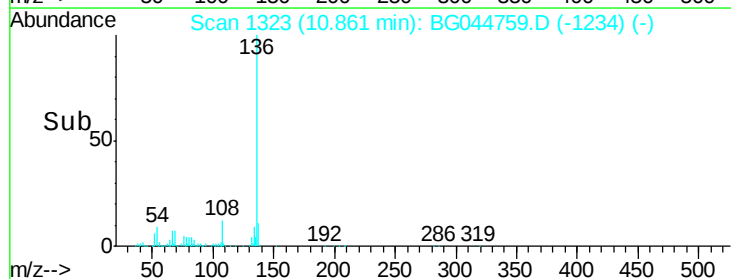
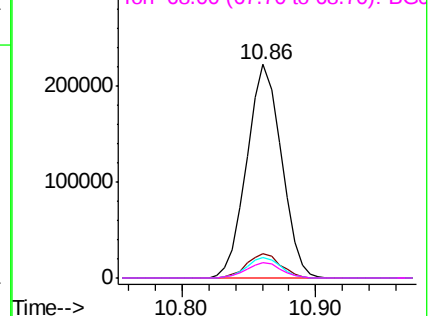
137 11.3 10.7 16.1

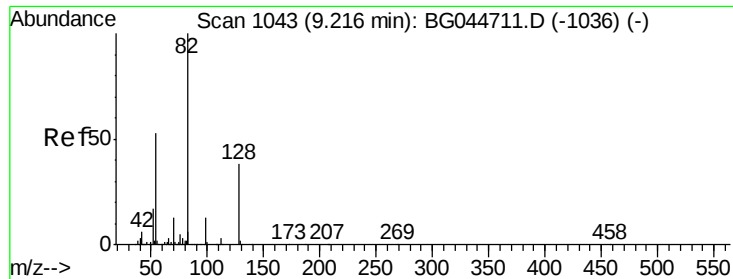
54 9.4 9.0 13.4

68 7.1 5.9 8.9



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

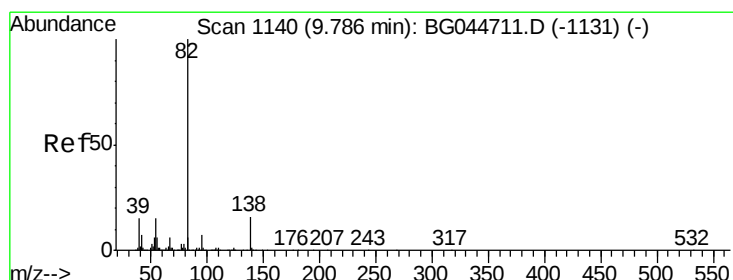
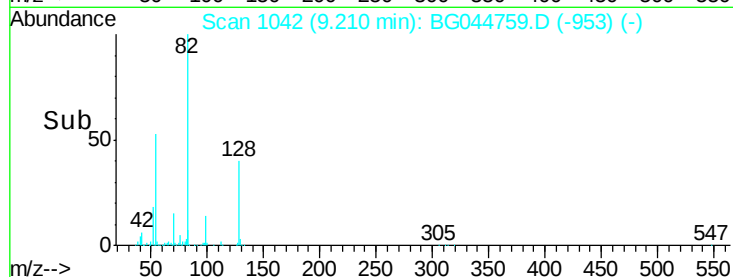
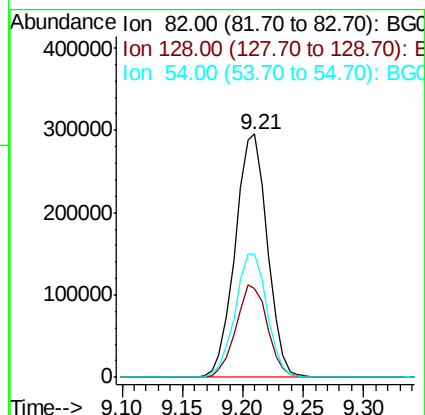
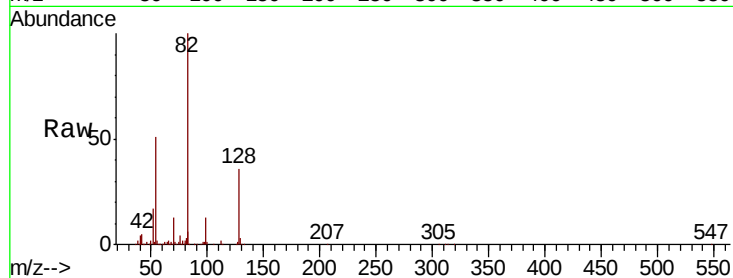




#23
 Nitrobenzene-d5
 Concen: 60.182 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044759.D
 Acq: 13 Mar 2020 7:24

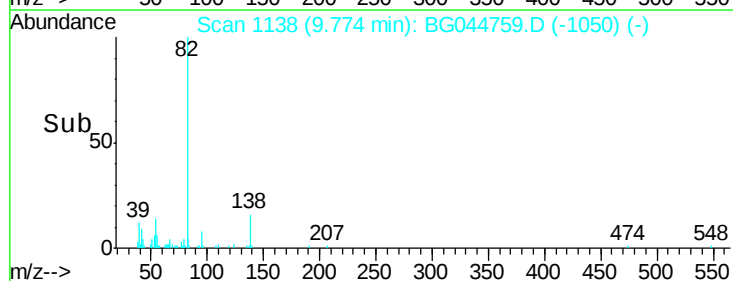
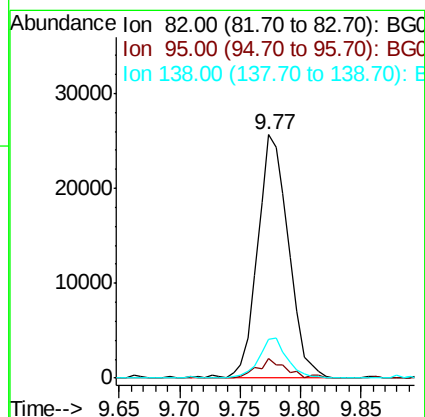
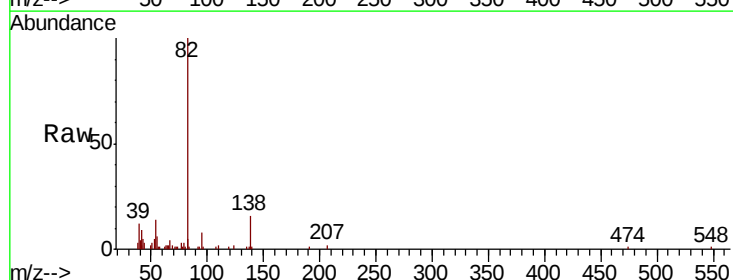
Instrument :
 BNA_G
 ClientSampleId :
 CP-4

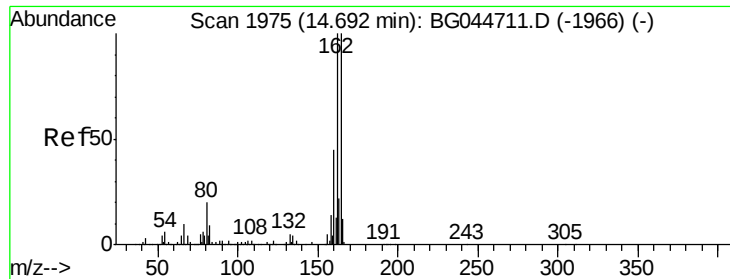
Tot Ion	82	Resp	548350
Ion Ratio	Lower	Upper	
82	100		
128	36.3	30.2	45.2
54	50.7	41.8	62.8



#25
 Isophorone
 Concen: 2.577 ng
 RT: 9.77 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BG044759.D
 Acq: 13 Mar 2020 7:24

Tgt Ion	82	Resp	45829
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.6	8.4
138	15.8	13.0	19.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044759.D

Acq: 13 Mar 2020 7:24

Instrument :

BNA_G

ClientSampled :

CP-4

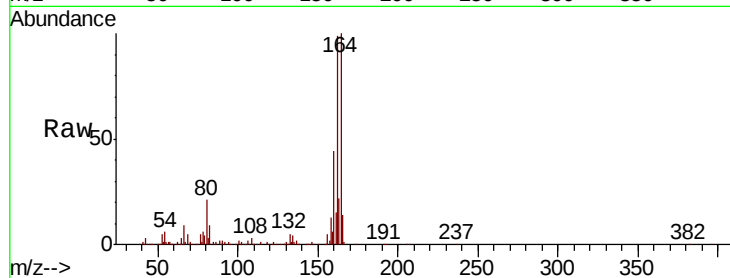
Tot Ion:164 Resp: 269757

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.4

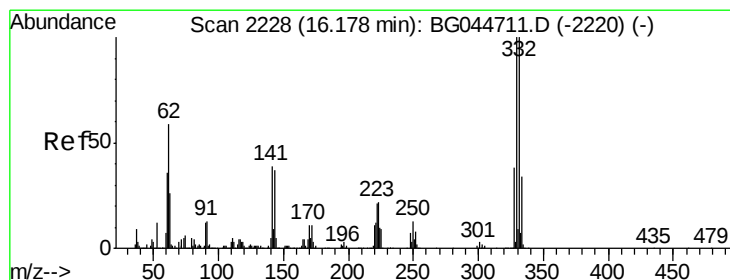
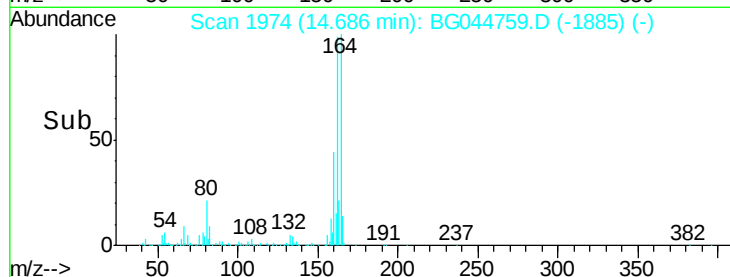
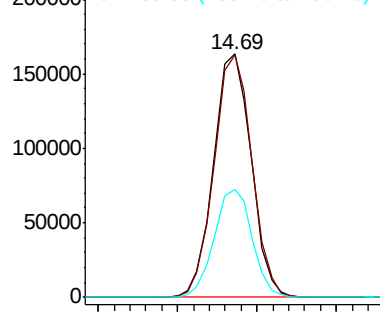
160 44.1 36.2 54.2



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: 0.016 ng

RT: 16.20 min Scan# 2231

Delta R.T. 0.02 min

Lab File: BG044759.D

Acq: 13 Mar 2020 7:24

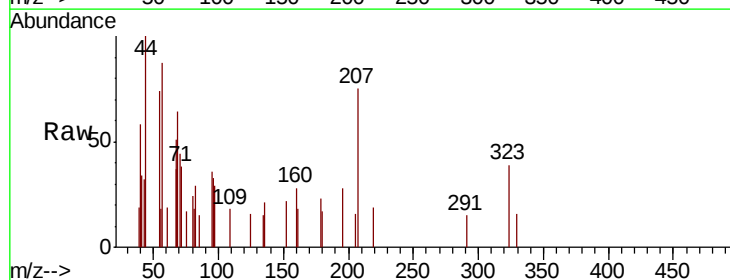
Tgt Ion:330 Resp: 56

Ion Ratio Lower Upper

330 100

332 0.0 77.5 116.3#

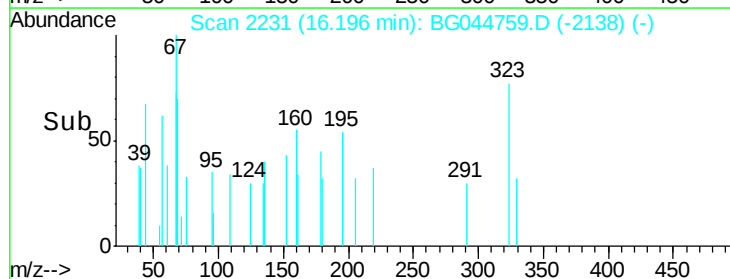
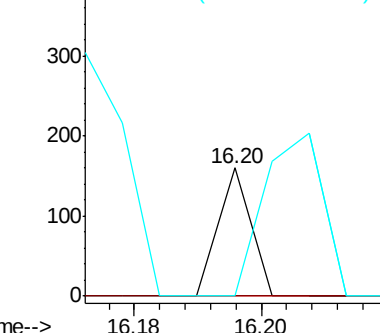
141 233.9 31.7 47.5#

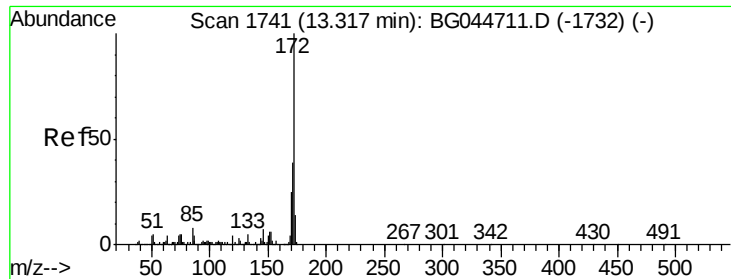


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

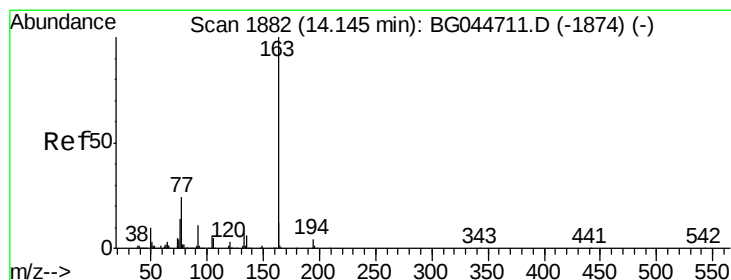
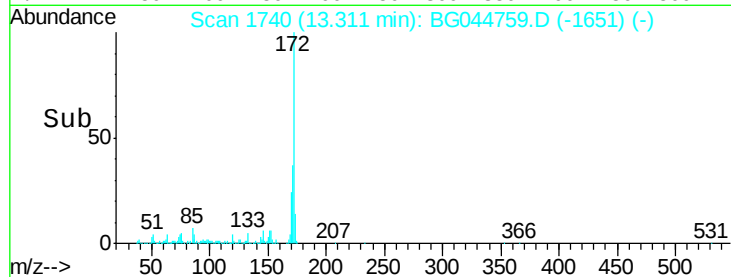
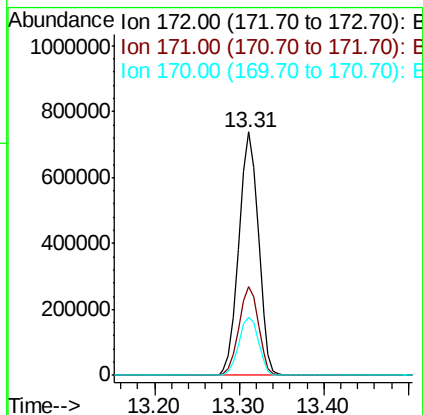
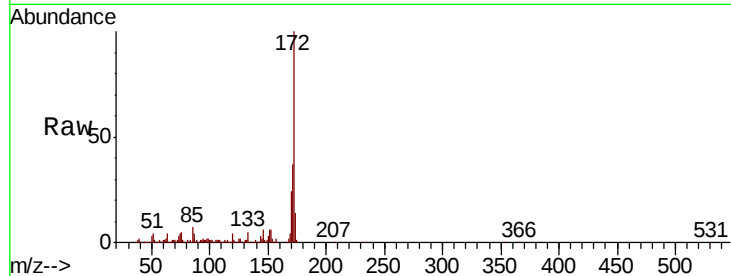




#45
2-Fluorobiphenyl
Concen: 62.011 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044759.D
Acq: 13 Mar 2020 7:24

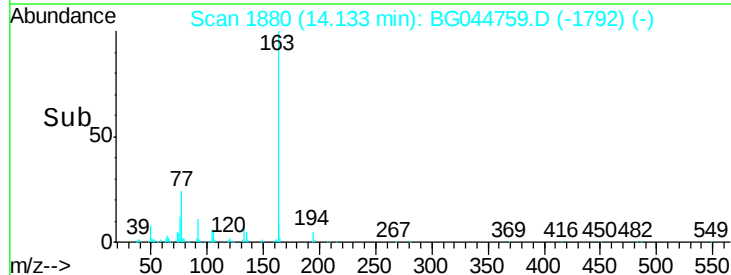
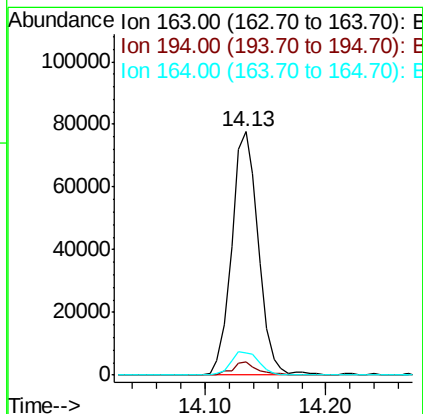
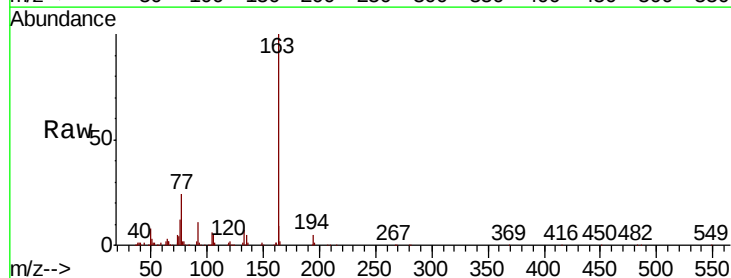
Instrument :
BNA_G
ClientSampled :
CP-4

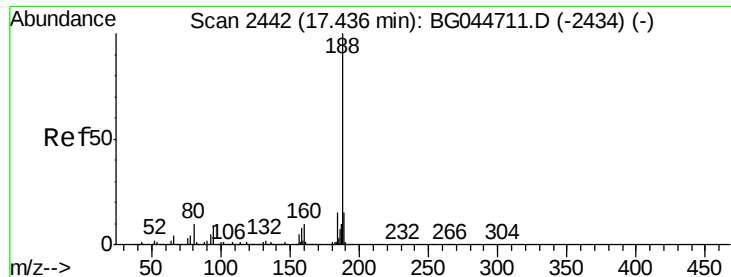
Tot Ion:172 Resp: 1168123
Ion Ratio Lower Upper
172 100
171 36.7 30.8 46.2
170 23.6 20.0 30.0



#50
Dimethylphthalate
Concen: 5.546 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044759.D
Acq: 13 Mar 2020 7:24

Tgt Ion:163 Resp: 119154
Ion Ratio Lower Upper
163 100
194 5.4 3.5 5.3#
164 9.3 9.2 13.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044759.D

Acq: 13 Mar 2020 7:24

Instrument :

BNA_G

ClientSampleId :

CP-4

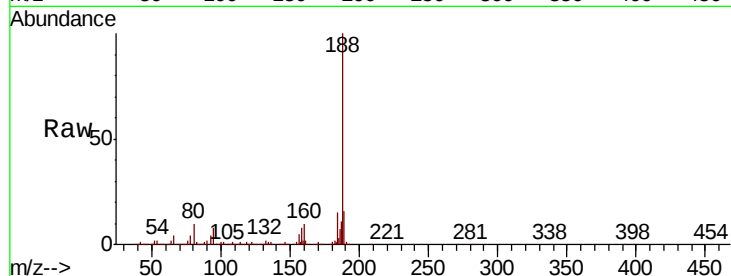
Tot Ion:188 Resp: 589651

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

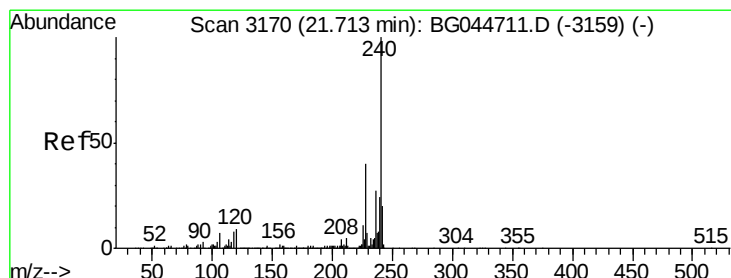
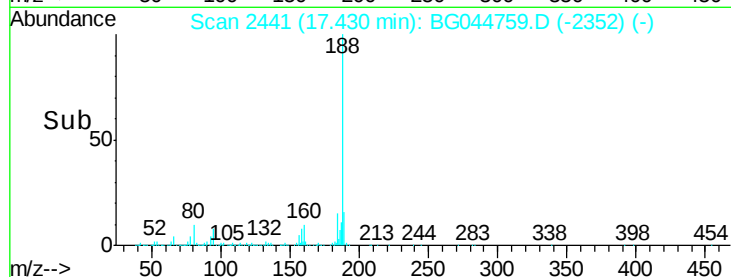
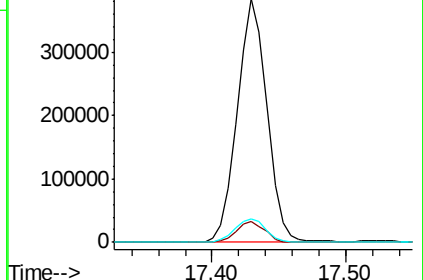
80 9.8 8.4 12.6



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# 3168

Delta R.T. -0.01 min

Lab File: BG044759.D

Acq: 13 Mar 2020 7:24

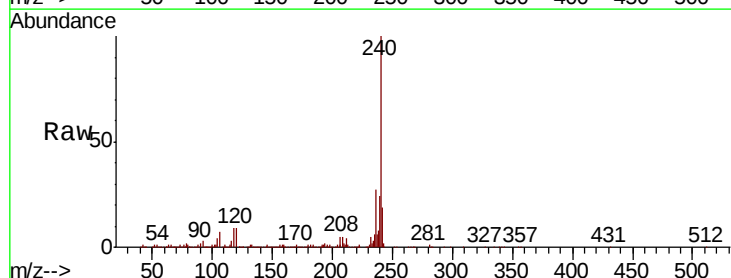
Tgt Ion:240 Resp: 560000

Ion Ratio Lower Upper

240 100

120 9.5 6.9 10.3

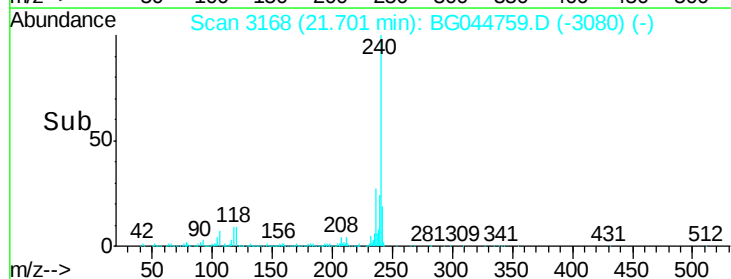
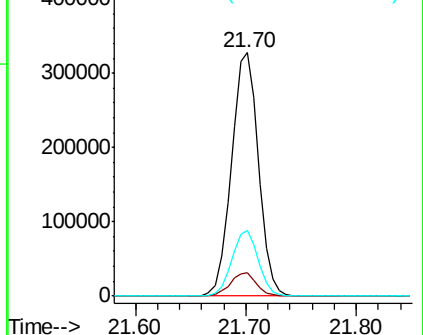
236 26.8 21.9 32.9

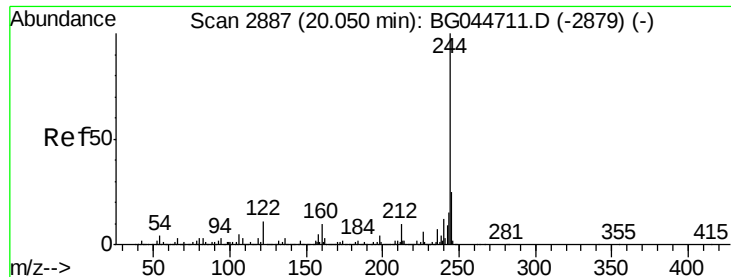


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.655 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044759.D

Acq: 13 Mar 2020 7:24

Instrument :

BNA_G

ClientSampleId :

CP-4

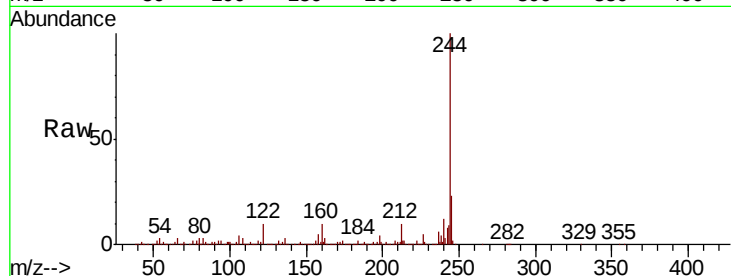
Tot Ion:244 Resp: 1875756

Ion Ratio Lower Upper

244 100

212 9.9 8.4 12.6

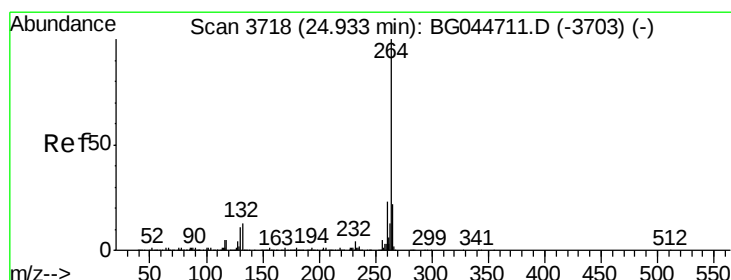
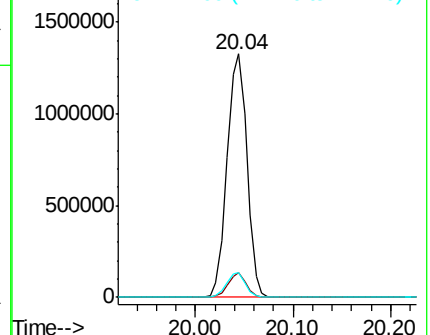
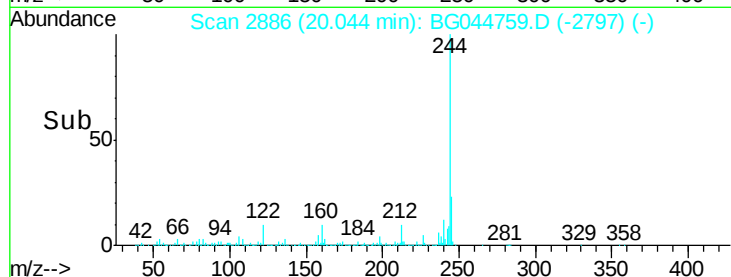
122 10.4 8.7 13.1



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: 24.91 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG044759.D

Acq: 13 Mar 2020 7:24

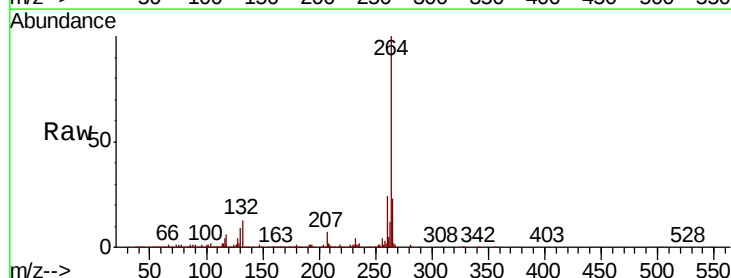
Tgt Ion:264 Resp: 644809

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 22.6 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

