

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044771.D
 Acq On : 13 Mar 2020 17:36
 Operator : CG/JU
 Sample : L1852-25
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Mar 13 23:19:45 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

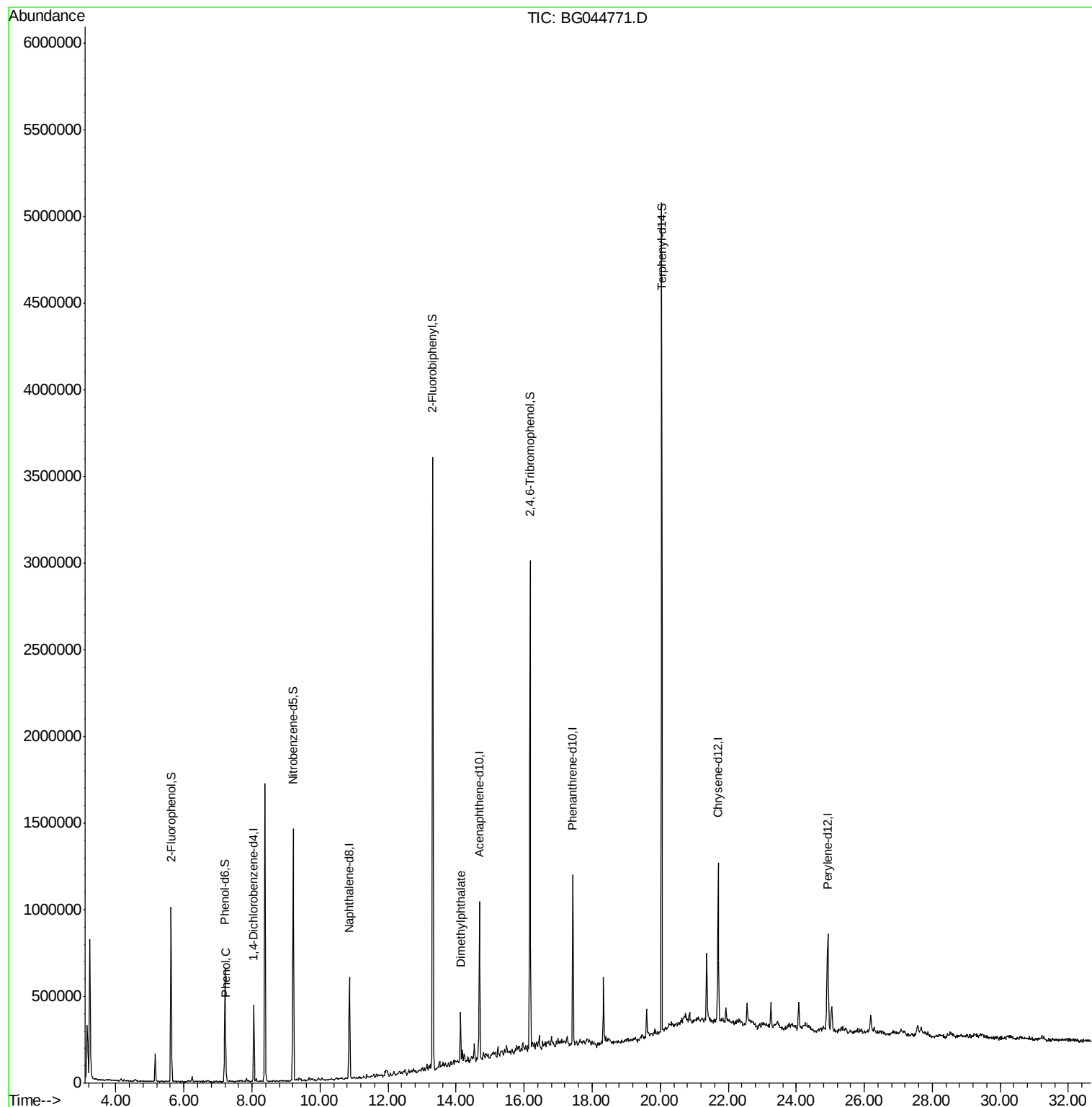
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	121971	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	506677	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	318703	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	632408	20.00	ng	0.00
76) Chrysene-d12	21.70	240	538442	20.00	ng	-0.01
87) Perylene-d12	24.93	264	628732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	437625	55.85	ng	0.00
7) Phenol-d6	7.21	99	391623	34.40	ng	0.00
23) Nitrobenzene-d5	9.21	82	956374	82.83	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	520504	124.73	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1848429	83.06	ng	0.00
79) Terphenyl-d14	20.04	244	2202418	76.51	ng	0.00
Target Compounds						
10) Phenol	7.23	94	42654	3.785	ng	91
50) Dimethylphthalate	14.13	163	142847	5.628	ng	# 98

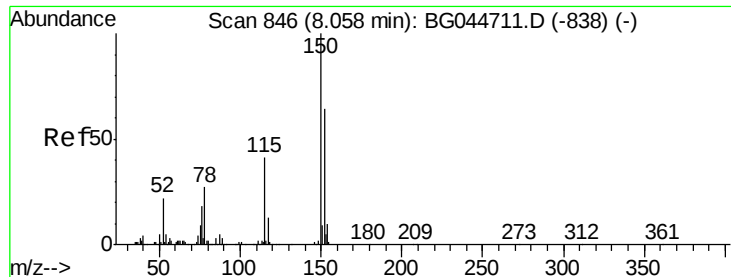
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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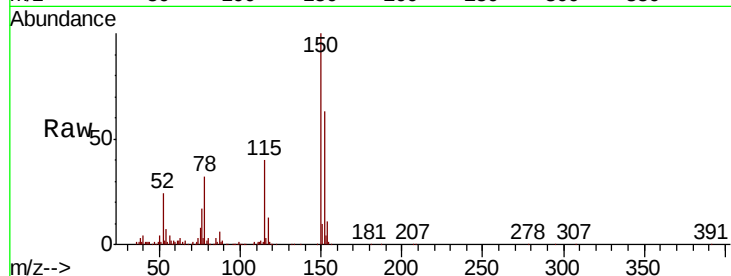


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044771.D
Acq: 13 Mar 2020 17:36

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.3	187.9
115	62.7	51.7	77.5

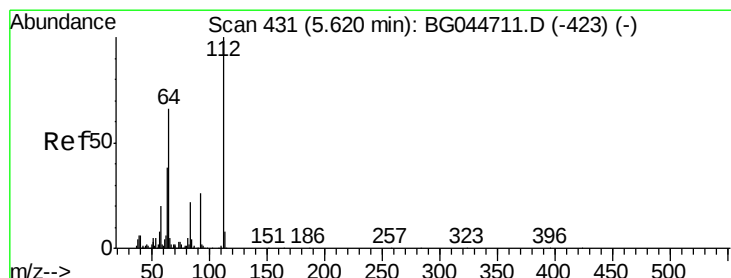
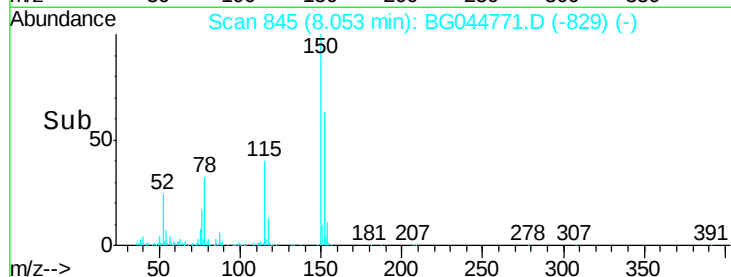
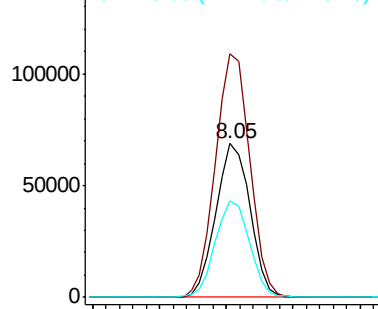


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

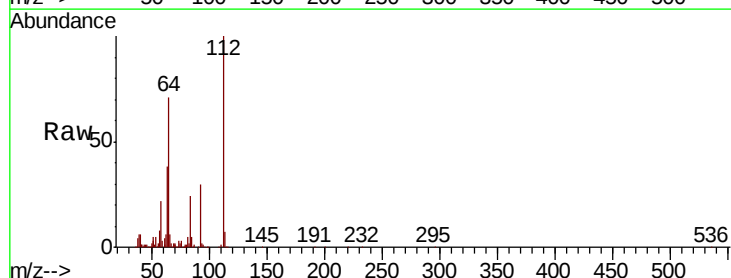
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.853 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044771.D
Acq: 13 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	52.6	78.8
63	38.2	30.2	45.4

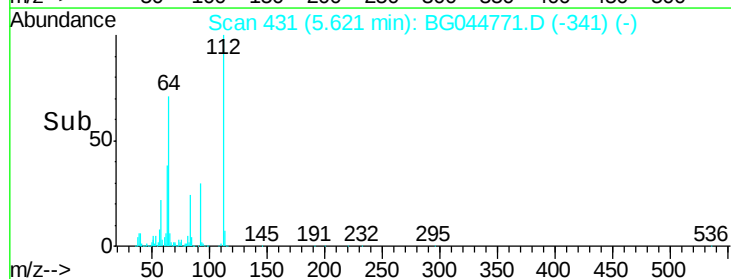
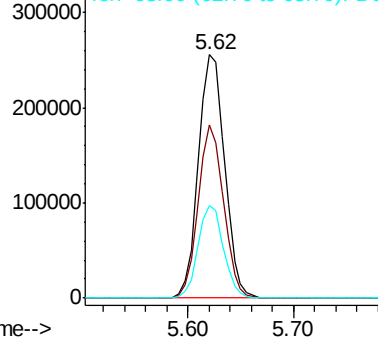


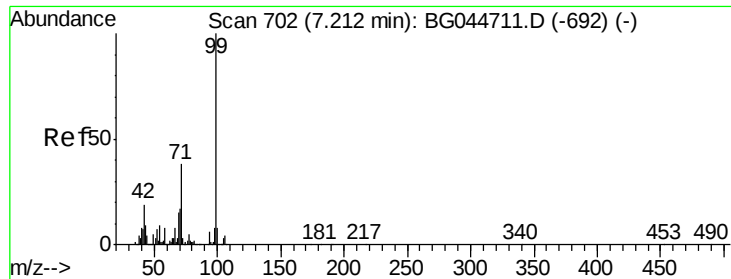
Abundance

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: 34.401 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044771.D

Acq: 13 Mar 2020 17:36

Instrument :

BNA_G

ClientSampled :

TP-2

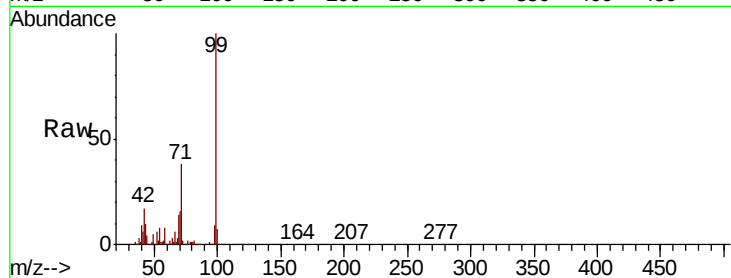
Tot Ion: 99 Resp: 391623

Ion Ratio Lower Upper

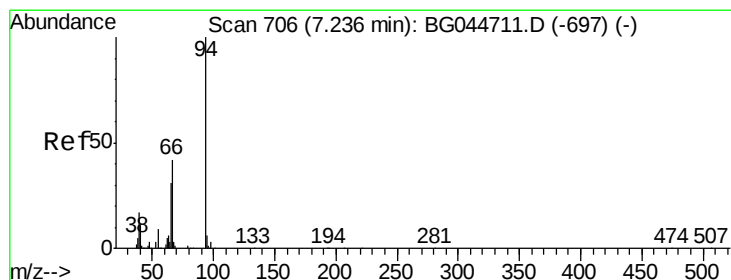
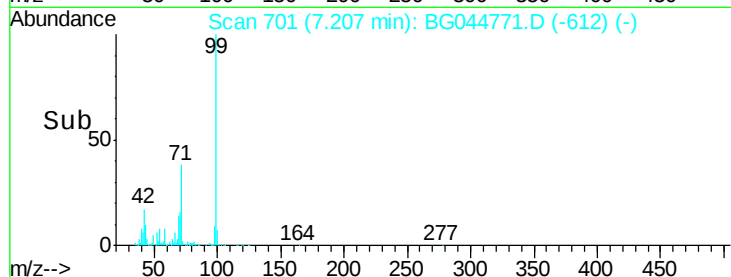
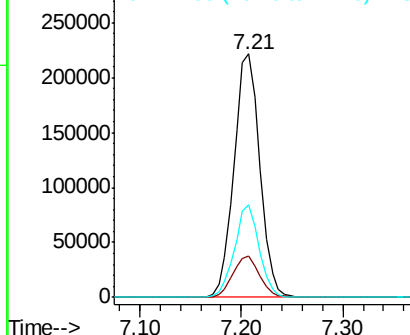
99 100

42 17.2 15.4 23.0

71 37.9 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



#10

Phenol

Concen: 3.785 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG044771.D

Acq: 13 Mar 2020 17:36

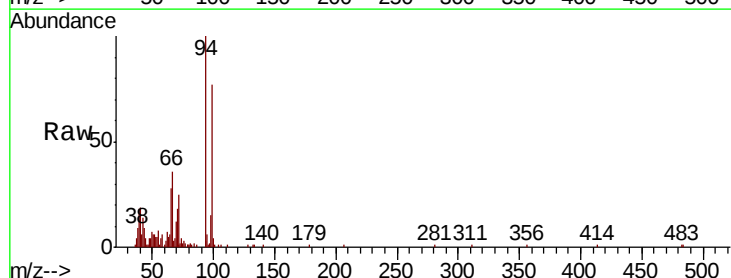
Tgt Ion: 94 Resp: 42654

Ion Ratio Lower Upper

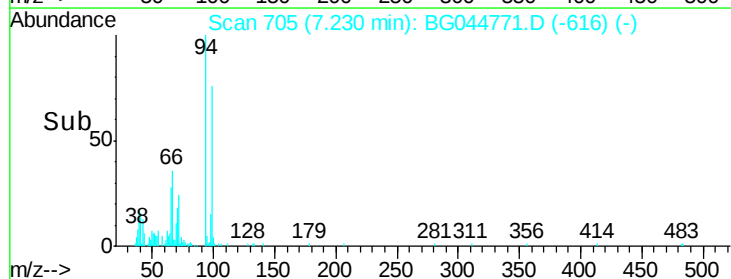
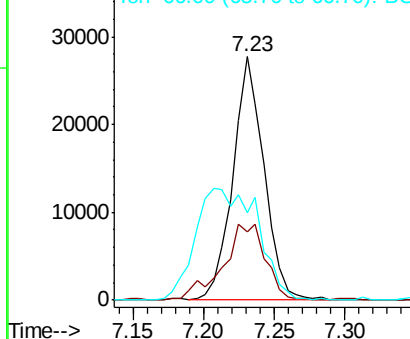
94 100

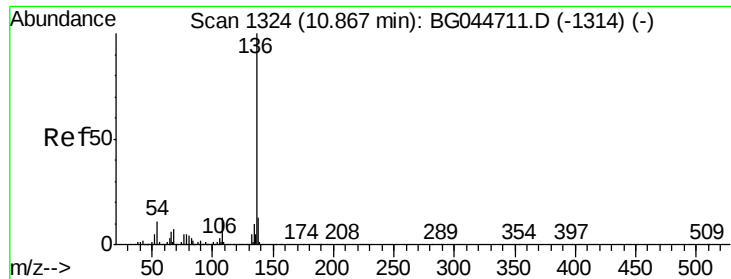
65 28.1 11.3 51.3

66 36.1 22.9 62.9



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

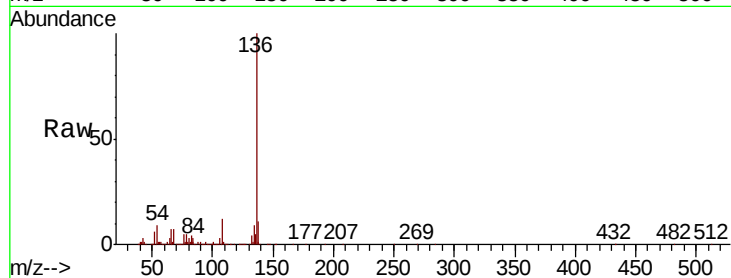




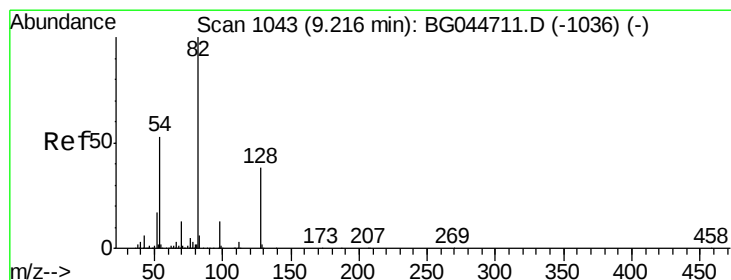
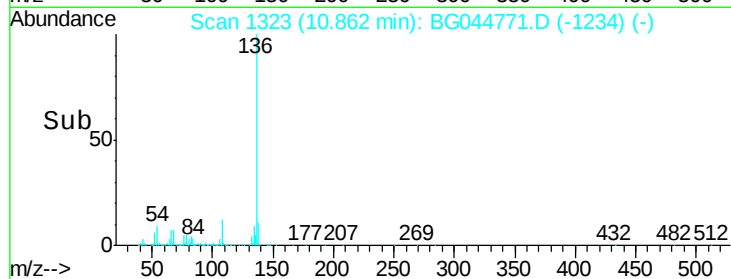
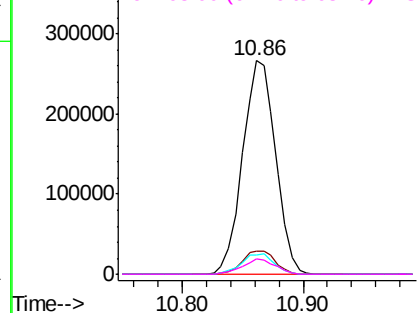
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044771.D
Acq: 13 Mar 2020 17:36

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:136	Resp:	506677
Ion Ratio	Lower	Upper
136	100	
137	11.0	10.7 16.1
54	8.8	9.0 13.4#
68	6.9	5.9 8.9

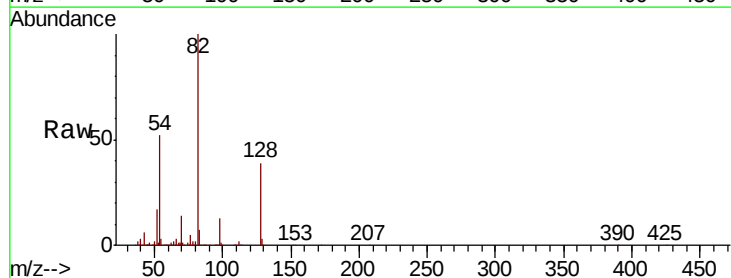


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

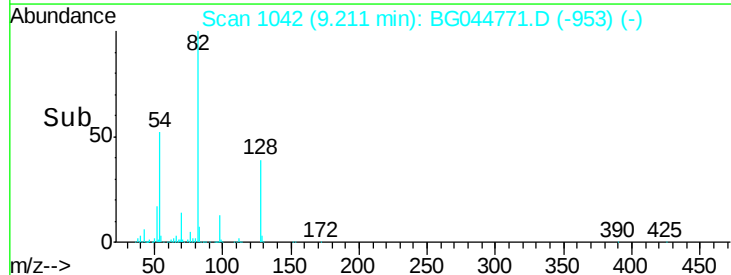
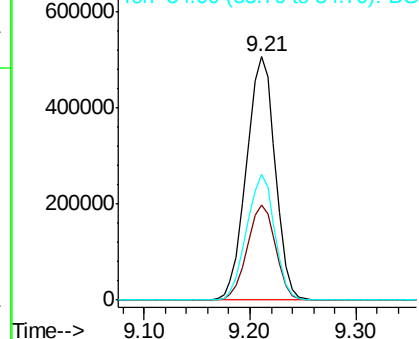


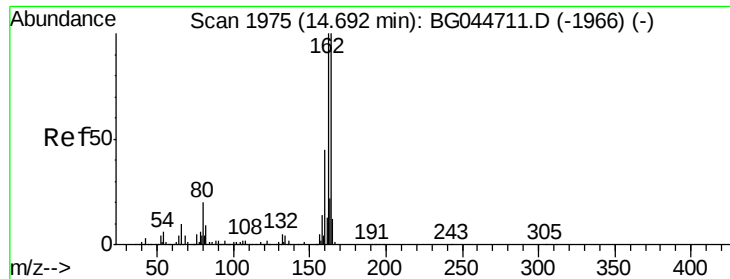
#23
Nitrobenzene-d5
Concen: 82.828 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044771.D
Acq: 13 Mar 2020 17:36

Tgt Ion: 82	Resp:	956374
Ion Ratio	Lower	Upper
82	100	
128	39.3	30.2 45.2
54	51.5	41.8 62.8



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: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044771.D

Acq: 13 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

TP-2

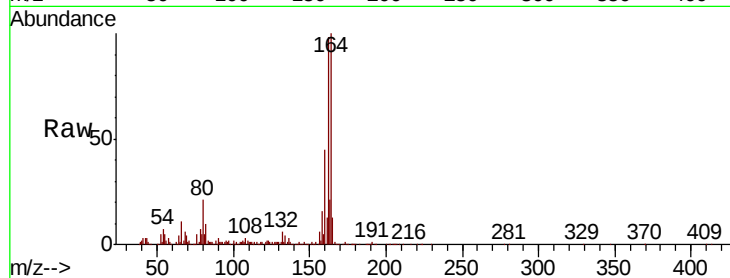
Tot Ion:164 Resp: 318703

Ion Ratio Lower Upper

164 100

162 98.2 80.2 120.4

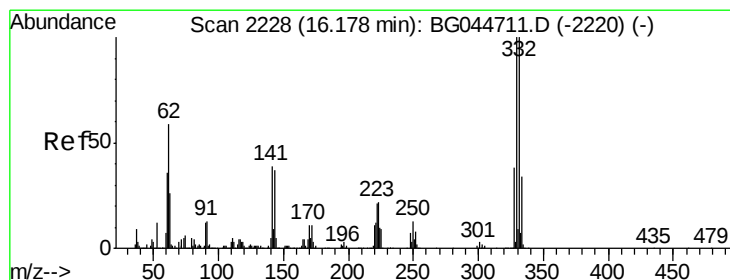
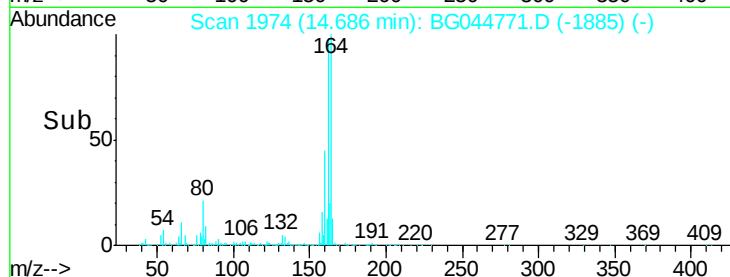
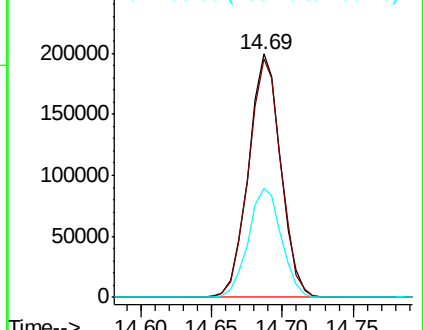
160 44.9 36.2 54.2



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: 124.734 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG044771.D

Acq: 13 Mar 2020 17:36

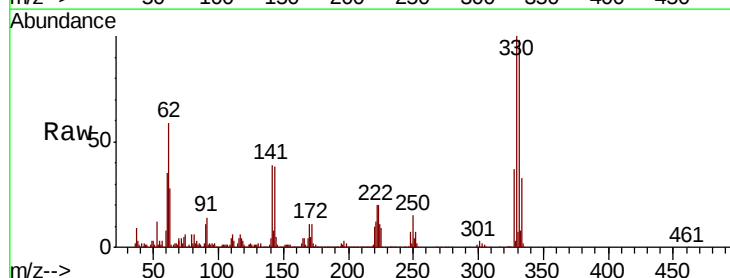
Tgt Ion:330 Resp: 520504

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

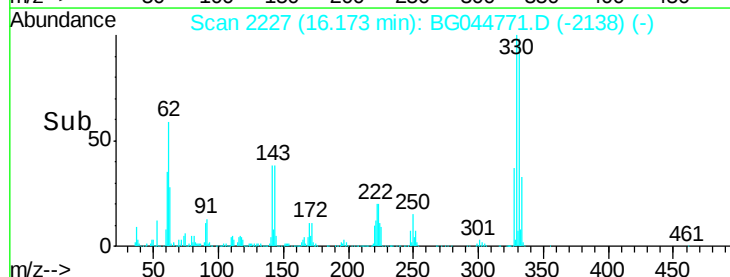
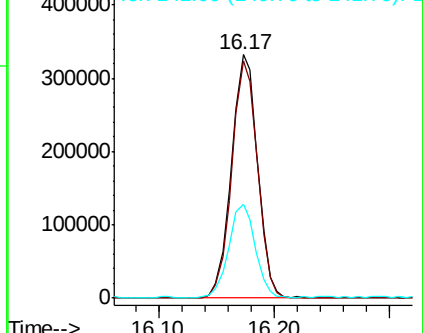
141 39.3 31.7 47.5

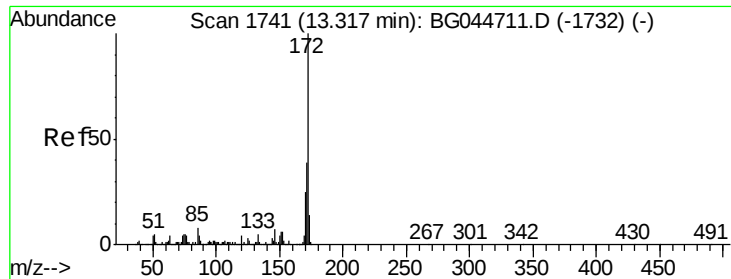


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

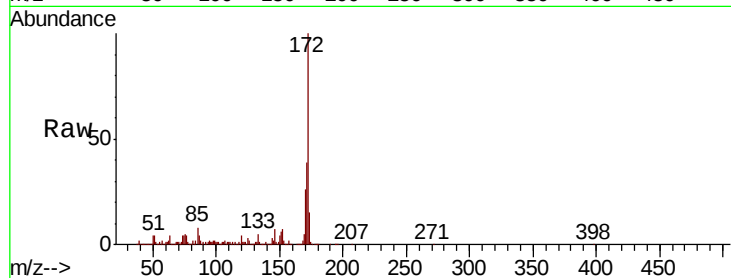




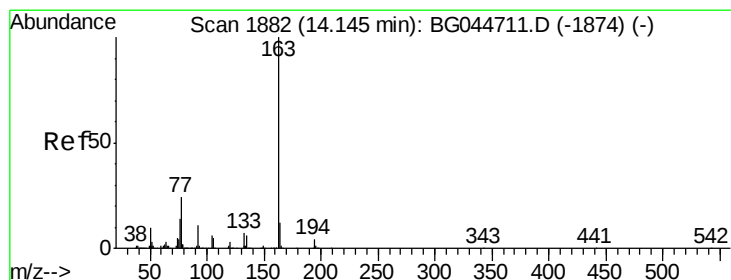
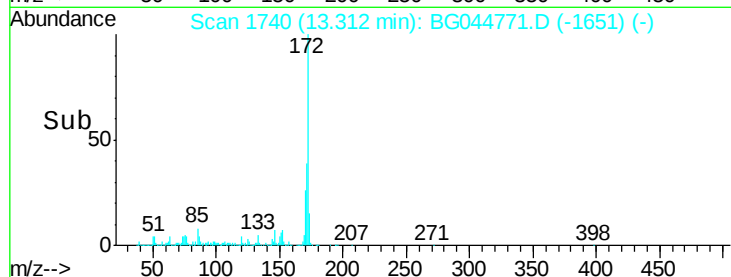
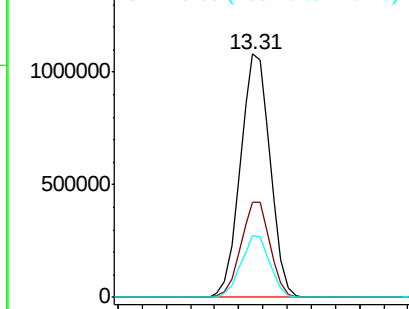
#45
2-Fluorobiphenyl
Concen: 83.056 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044771.D
Acq: 13 Mar 2020 17:36

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:172 Resp: 1848429
Ion Ratio Lower Upper
172 100
171 39.3 30.8 46.2
170 25.5 20.0 30.0

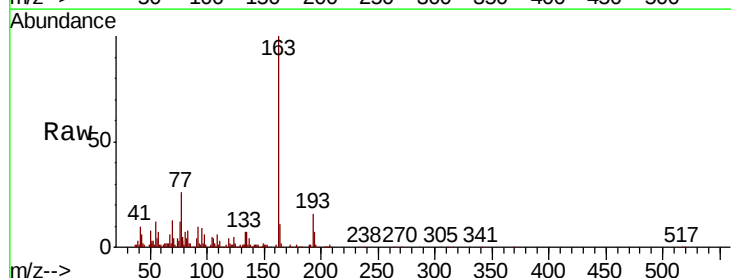


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

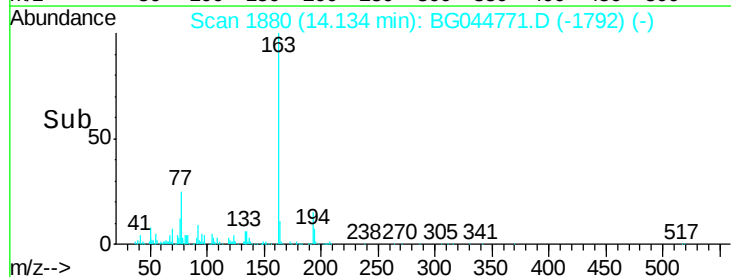
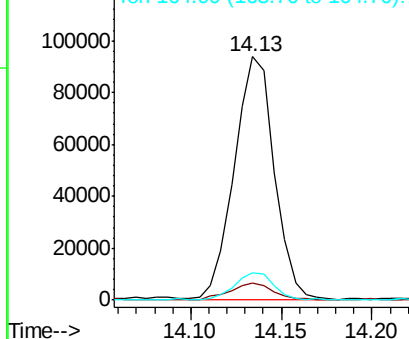


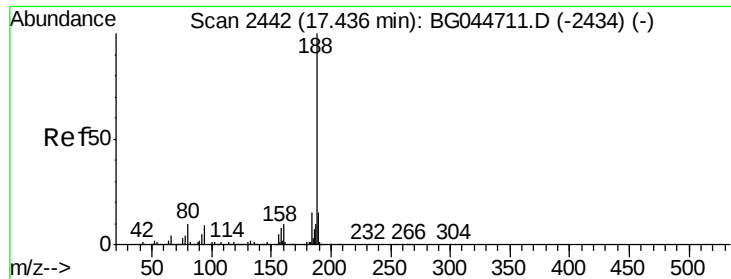
#50
Dimethylphthalate
Concen: 5.628 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044771.D
Acq: 13 Mar 2020 17:36

Tgt Ion:163 Resp: 142847
Ion Ratio Lower Upper
163 100
194 7.3 3.5 5.3#
164 11.5 9.2 13.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG044771.D

Acq: 13 Mar 2020 17:36

Instrument :

BNA_G

ClientSampled :

TP-2

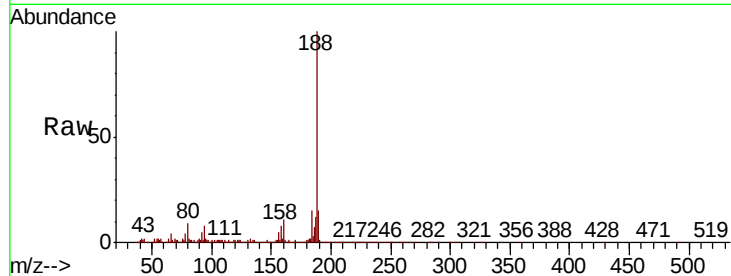
Tot Ion:188 Resp: 632408

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

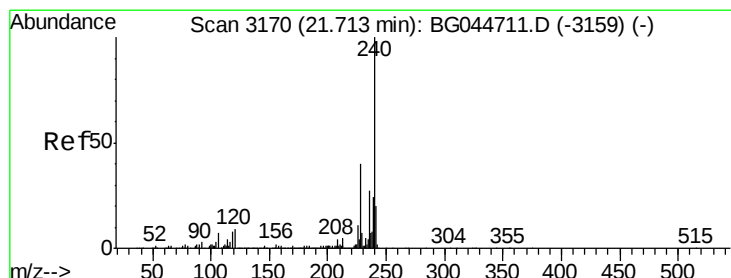
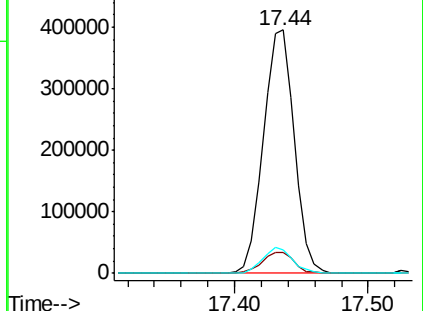
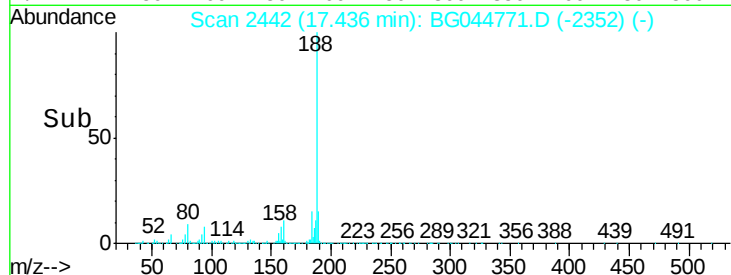
80 9.5 8.4 12.6



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: BG044771.D

Acq: 13 Mar 2020 17:36

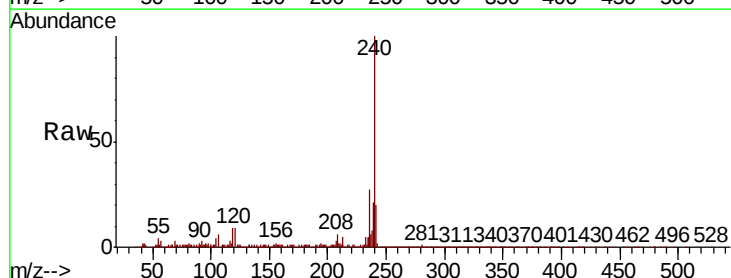
Tgt Ion:240 Resp: 538442

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

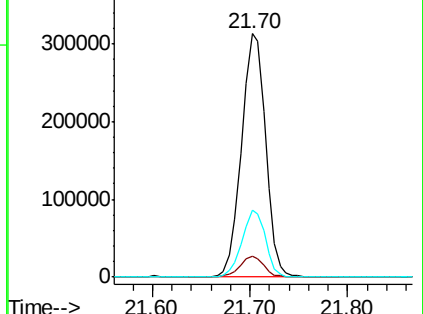
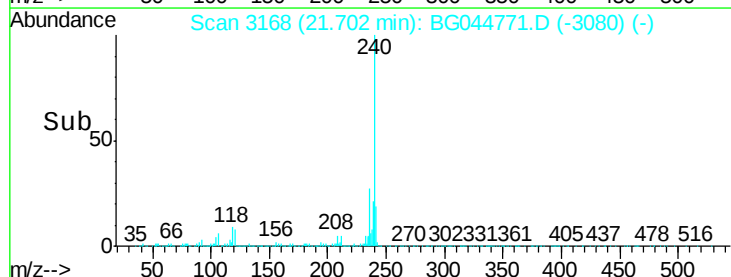
236 27.3 21.9 32.9

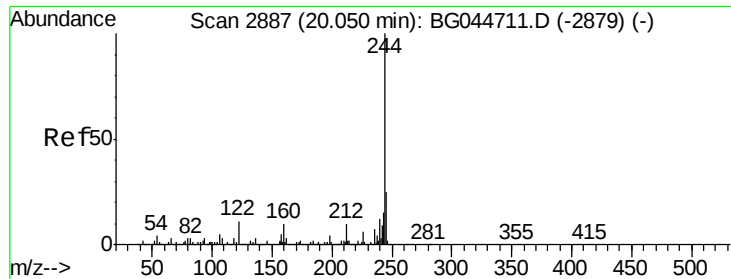


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.512 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044771.D

Acq: 13 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

TP-2

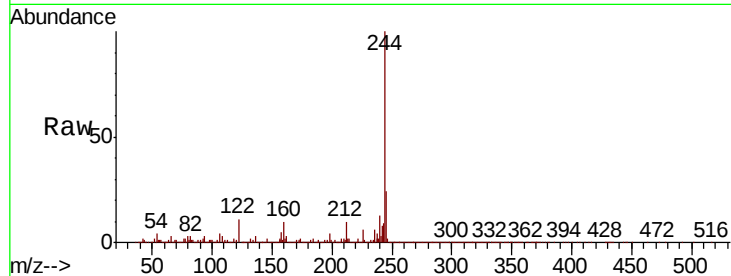
Tot Ion:244 Resp: 2202418

Ion Ratio Lower Upper

244 100

212 9.9 8.4 12.6

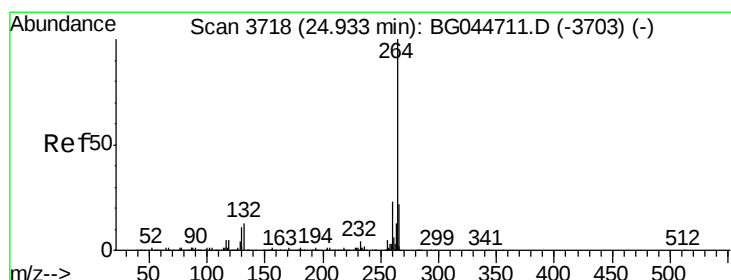
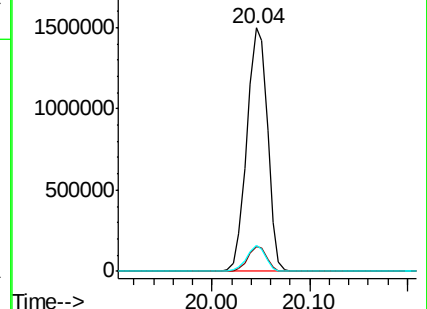
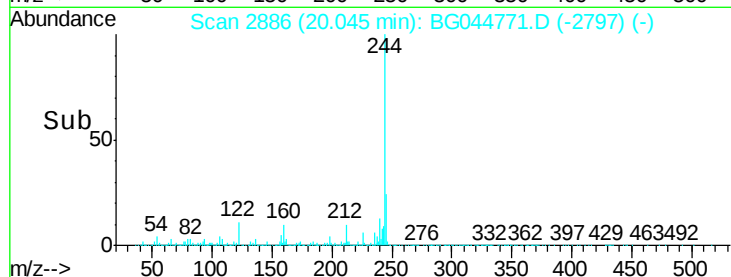
122 10.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG044771.D

Acq: 13 Mar 2020 17:36

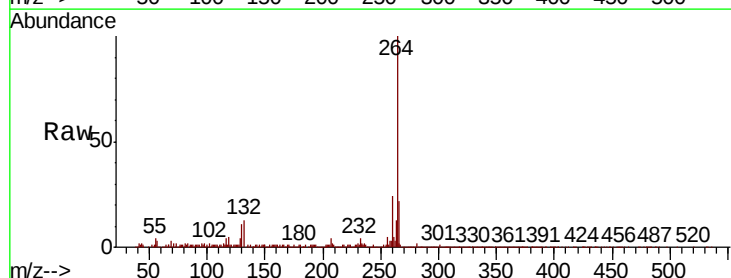
Tgt Ion:264 Resp: 628732

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 22.3 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

300000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

