

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044744.D
 Acq On : 12 Mar 2020 20:49
 Operator : CG/JU
 Sample : L1871-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-DA

Quant Time: Mar 13 07:25:33 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

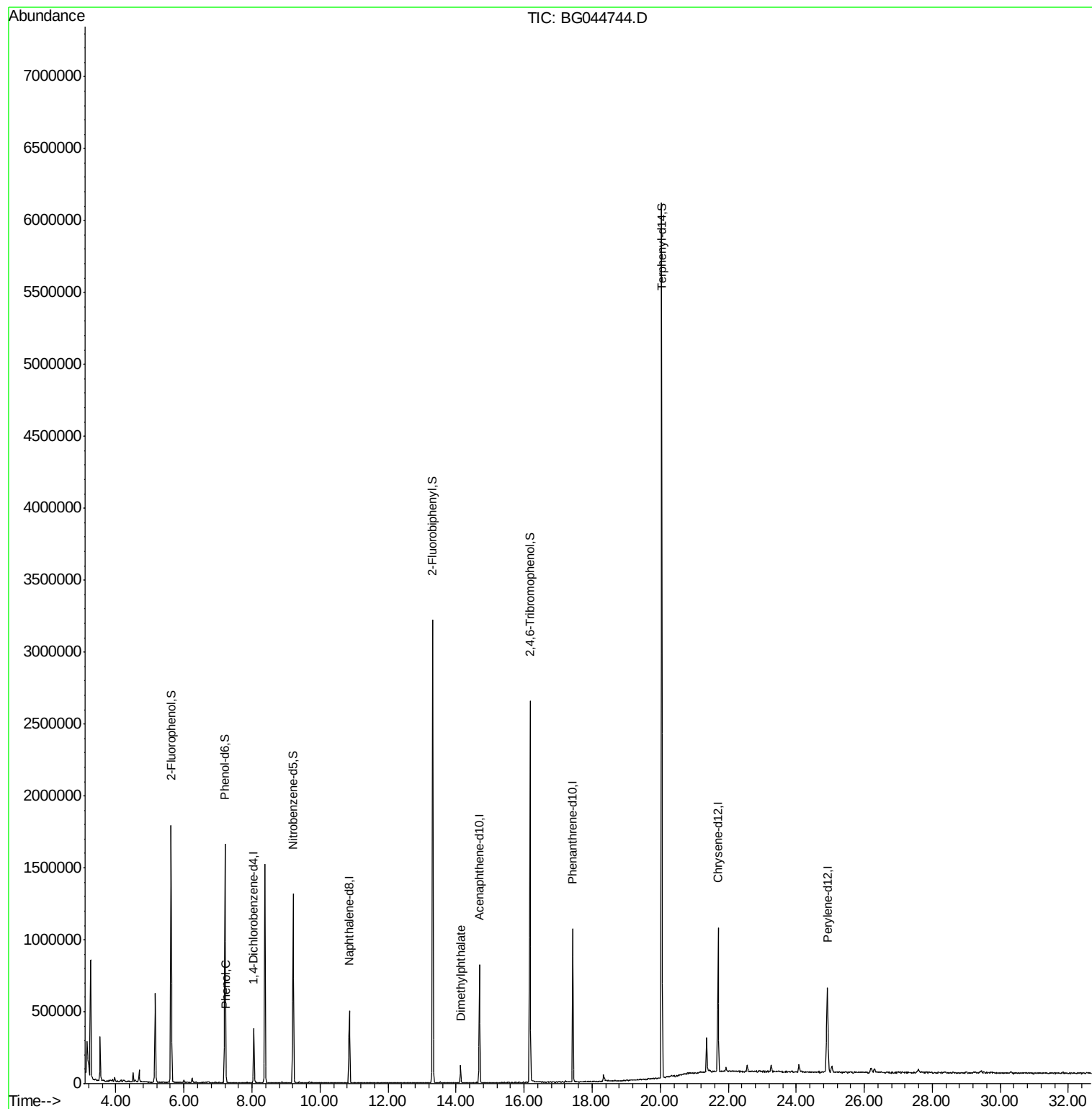
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	107193	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	422084	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	293936	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	657732	20.00	ng	0.00
76) Chrysene-d12	21.70	240	593160	20.00	ng	-0.01
87) Perylene-d12	24.92	264	661270	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	771093	111.98	ng	0.00
7) Phenol-d6	7.21	99	986018	98.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	848802	88.24	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	499349	129.75	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1712406	83.43	ng	0.00
79) Terphenyl-d14	20.04	244	2689461	84.81	ng	0.00
Target Compounds						
10) Phenol	7.24	94	23307	2.353	ng	90
50) Dimethylphthalate	14.13	163	84181	3.596	ng	99

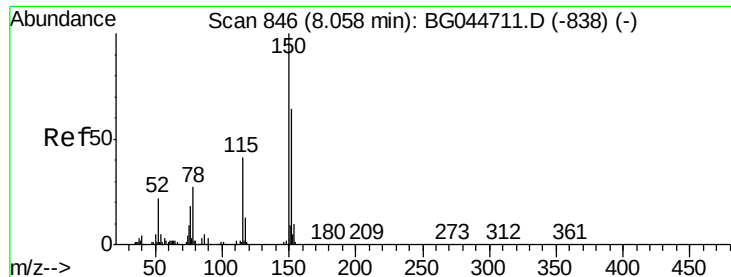
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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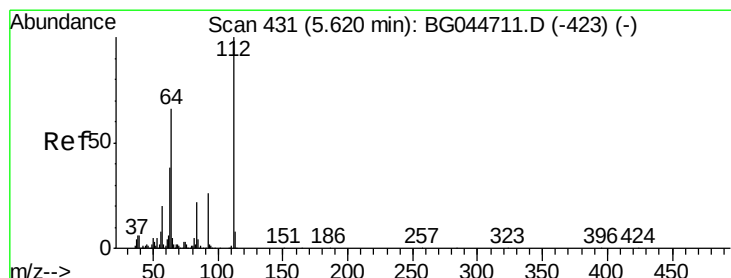
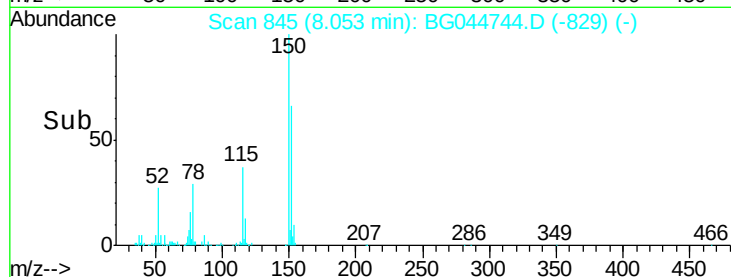
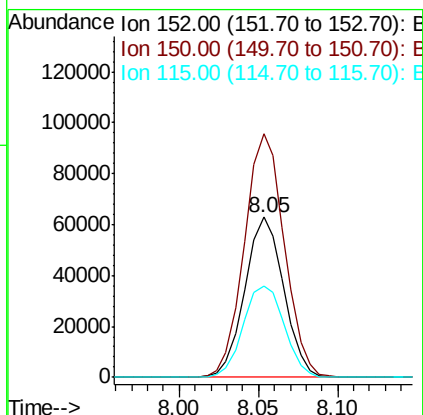
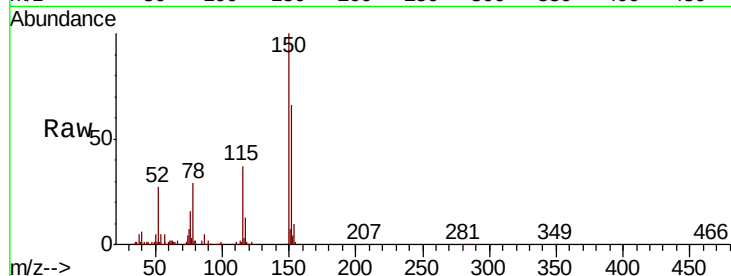


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :
TP-18-DA

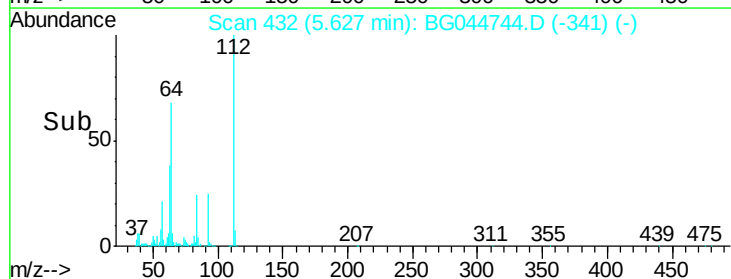
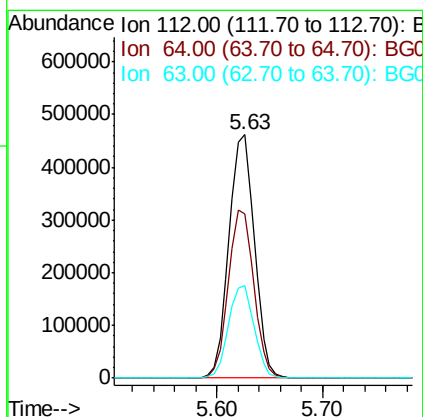
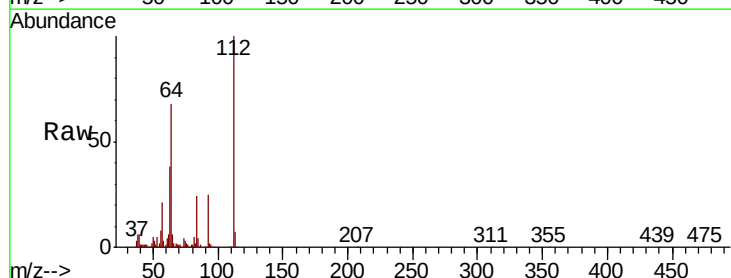
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.3	187.9
115	57.0	51.7	77.5

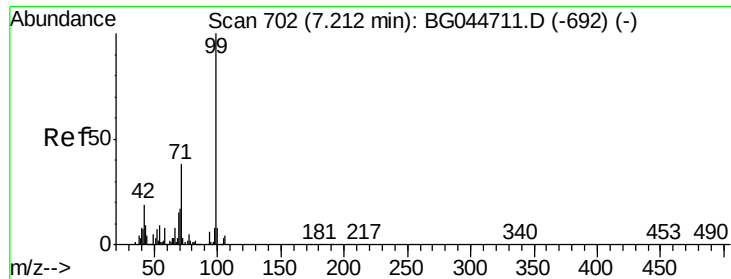


#5

2-Fluorophenol
Concen: 111.981 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	52.6	78.8
63	37.9	30.2	45.4





#7

Phenol-d6

Concen: 98.554 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044744.D

Acq: 12 Mar 2020 20:49

Instrument :

BNA_G

ClientSampleId :

TP-18-DA

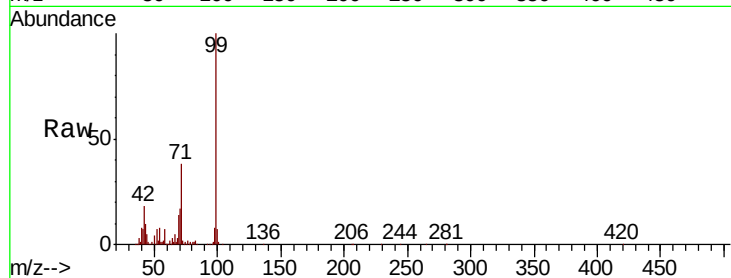
Tot Ion: 99 Resp: 986018

Ion Ratio Lower Upper

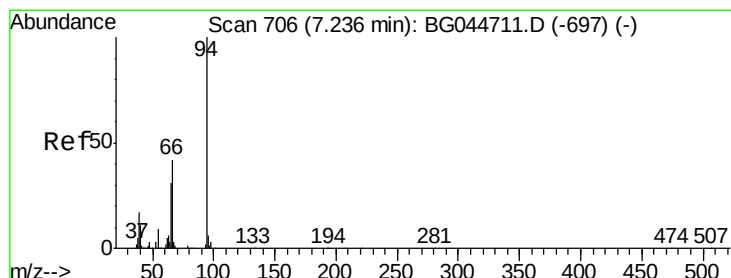
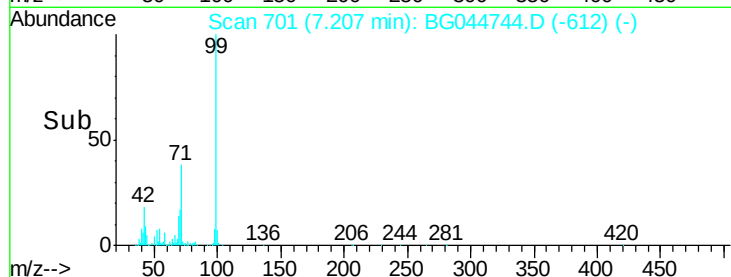
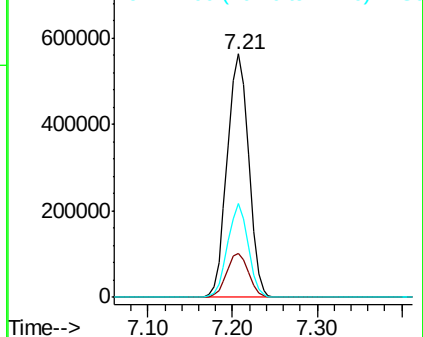
99 100

42 18.1 15.4 23.0

71 38.4 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: 2.353 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044744.D

Acq: 12 Mar 2020 20:49

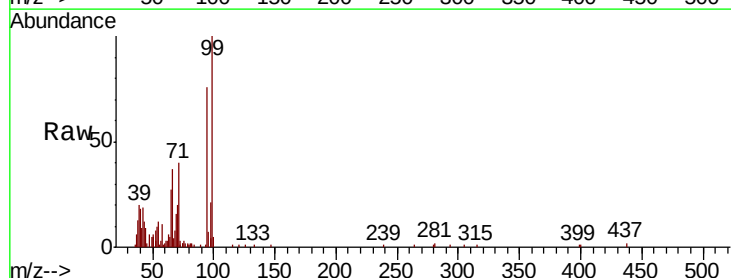
Tgt Ion: 94 Resp: 23307

Ion Ratio Lower Upper

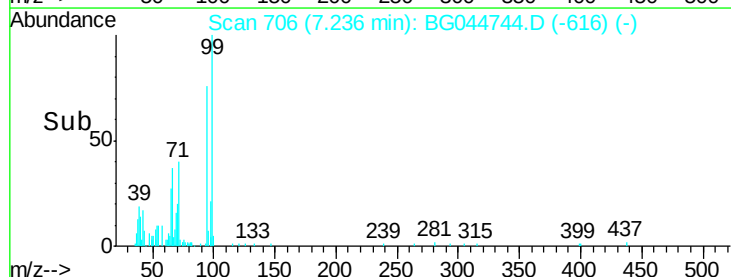
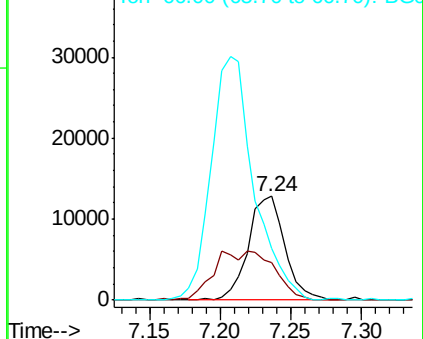
94 100

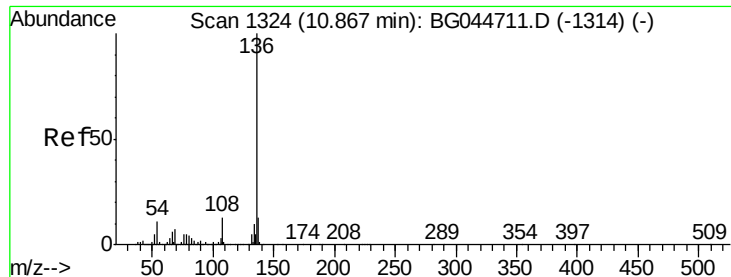
65 36.3 11.3 51.3

66 49.4 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

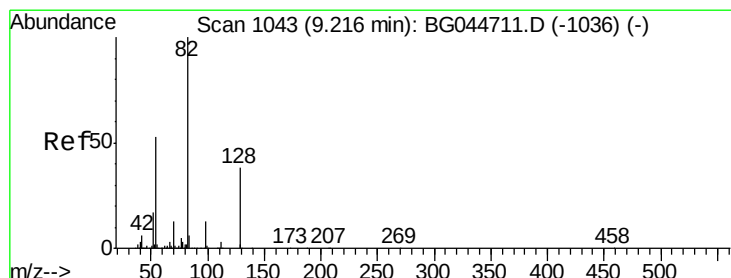
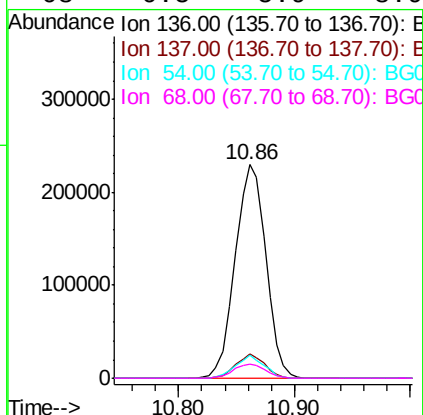
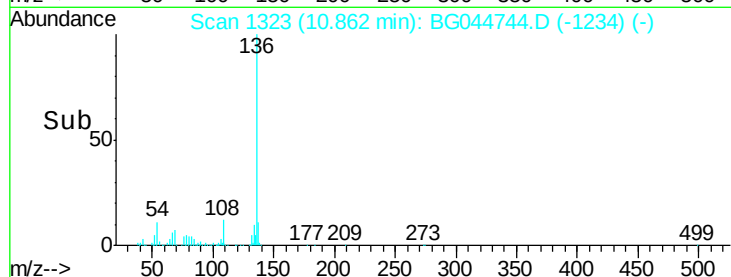
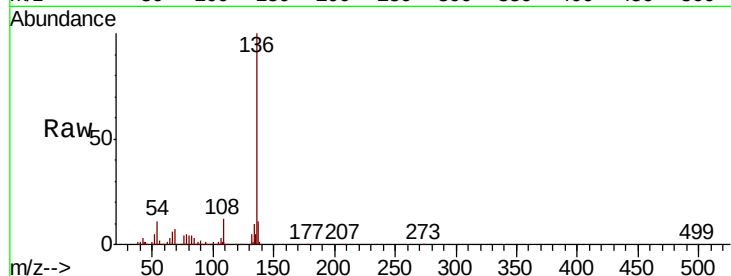




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

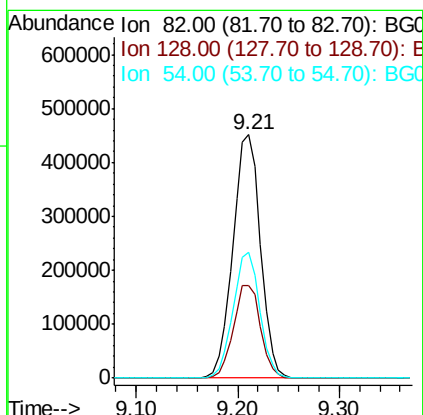
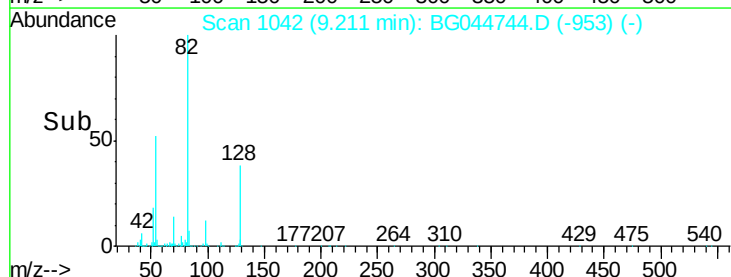
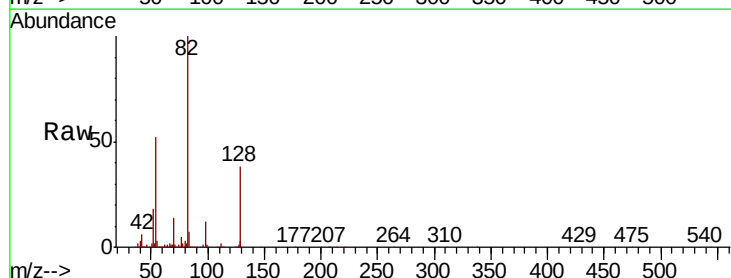
Instrument :
BNA_G
ClientSampleId :
TP-18-DA

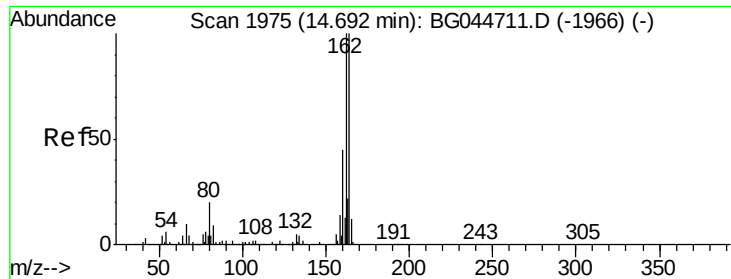
Tot Ion:136	Resp:	422084	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	10.7	16.1	
54 11.1	9.0	13.4	
68 6.5	5.9	8.9	



#23
Nitrobenzene-d5
Concen: 88.245 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt	Ion: 82	Resp:	848802
Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.2	45.2
54	51.7	41.8	62.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044744.D

Acq: 12 Mar 2020 20:49

Instrument :

BNA_G

ClientSampleId :

TP-18-DA

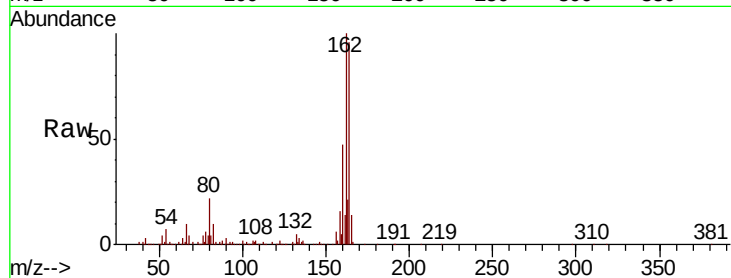
Tot Ion:164 Resp: 293936

Ion Ratio Lower Upper

164 100

162 104.0 80.2 120.4

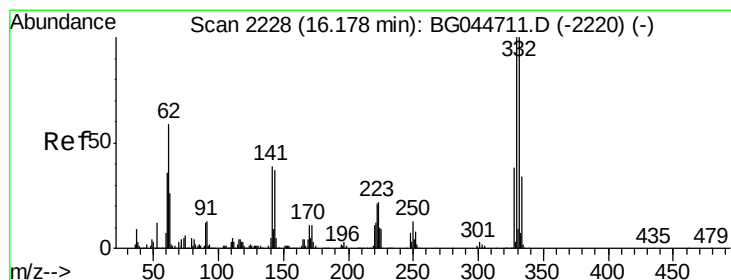
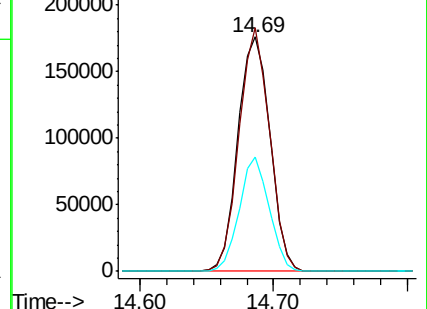
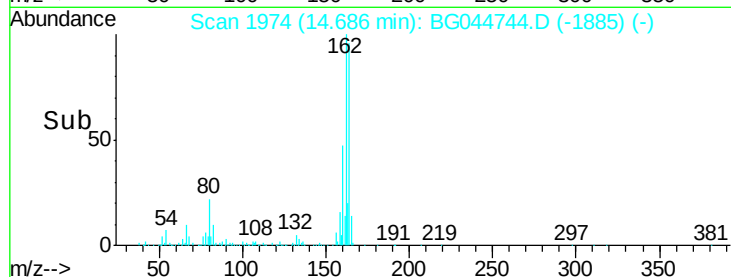
160 48.6 36.2 54.2



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: 129.747 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG044744.D

Acq: 12 Mar 2020 20:49

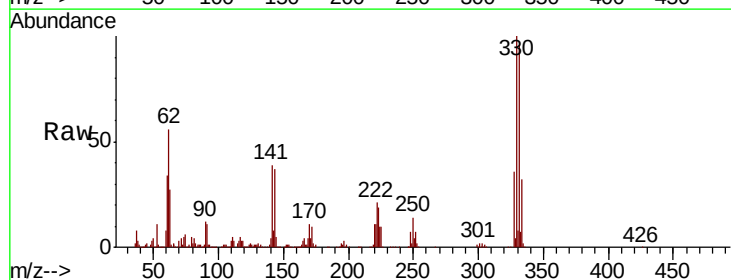
Tgt Ion:330 Resp: 499349

Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

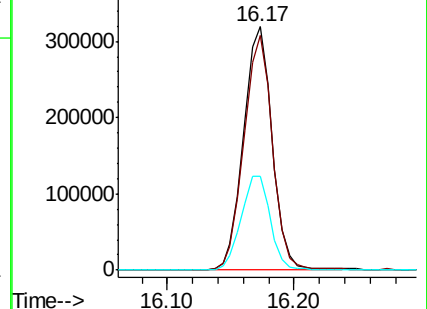
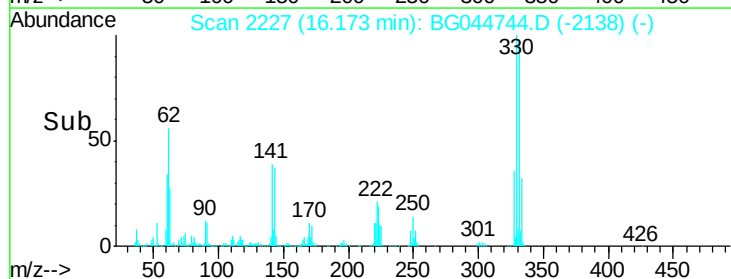
141 39.5 31.7 47.5

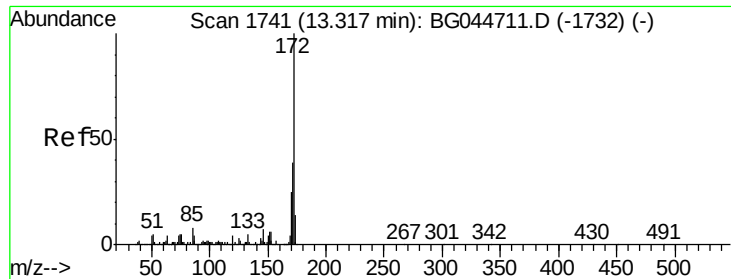


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 83.427 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG044744.D

Acq: 12 Mar 2020 20:49

Instrument :

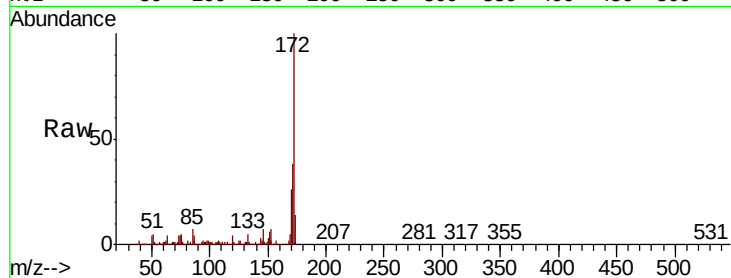
BNA_G

ClientSampleId :

TP-18-DA

Tot Ion:172 Resp: 1712406

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.9	20.0	30.0

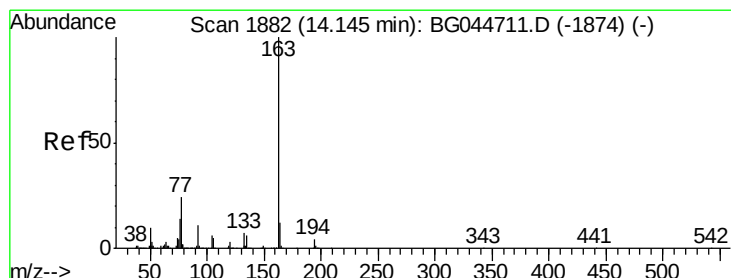
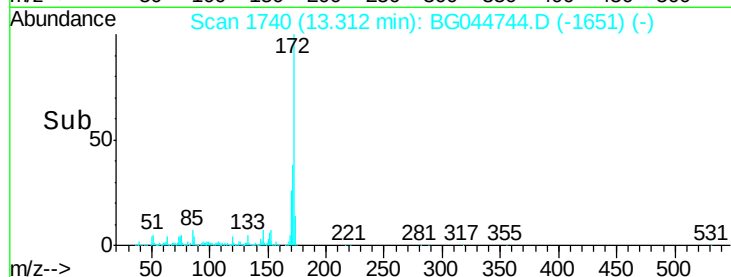
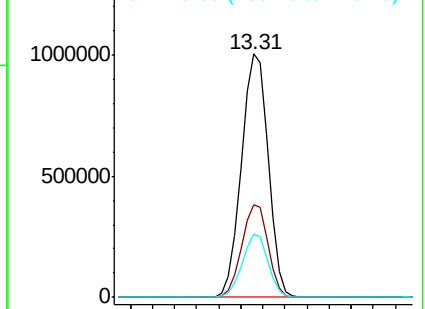


Abundance

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: 3.596 ng

RT: 14.13 min Scan# 1880

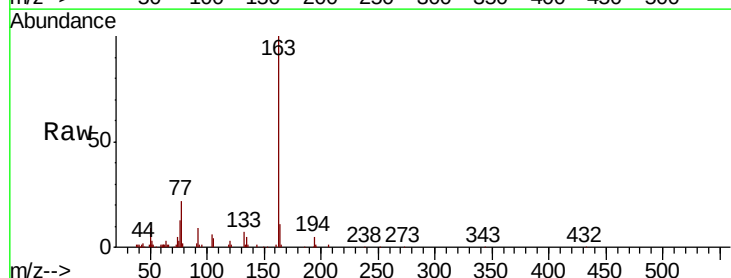
Delta R.T. -0.01 min

Lab File: BG044744.D

Acq: 12 Mar 2020 20:49

Tgt Ion:163 Resp: 84181

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	11.2	9.2	13.8

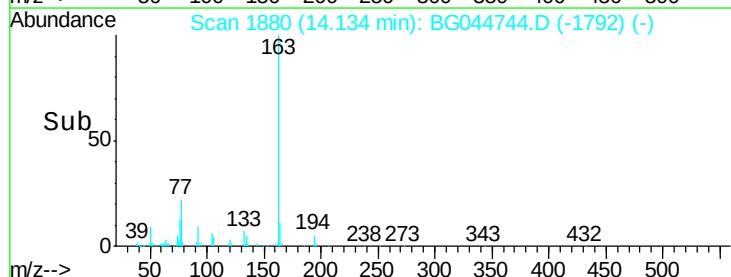
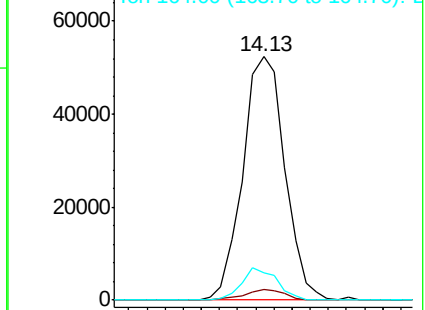


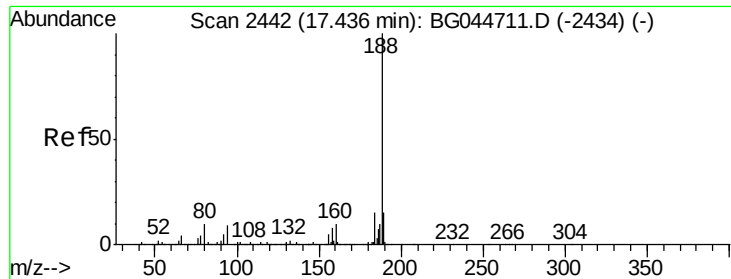
Abundance

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044744.D

Acq: 12 Mar 2020 20:49

Instrument :

BNA_G

ClientSampled :

TP-18-DA

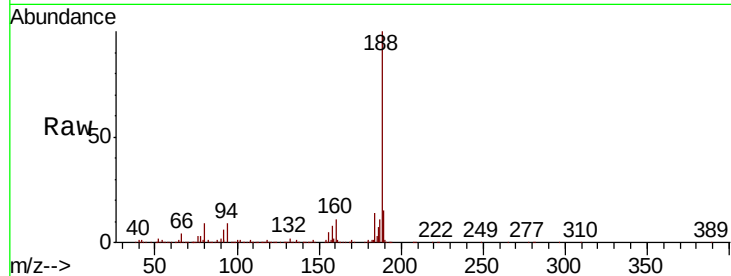
Tot Ion:188 Resp: 657732

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

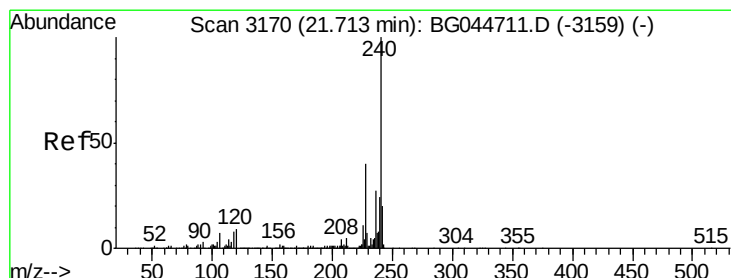
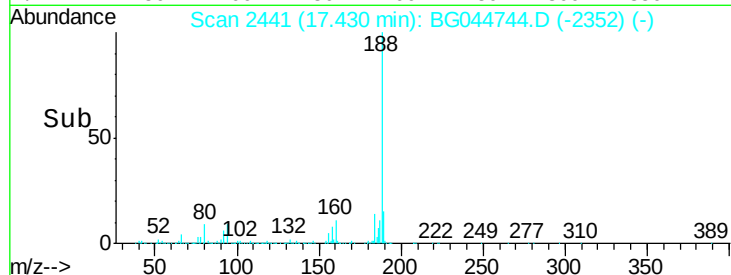
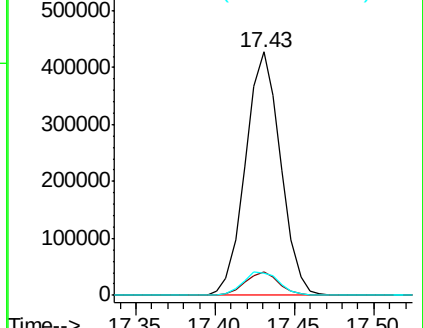
80 9.4 8.4 12.6



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044744.D

Acq: 12 Mar 2020 20:49

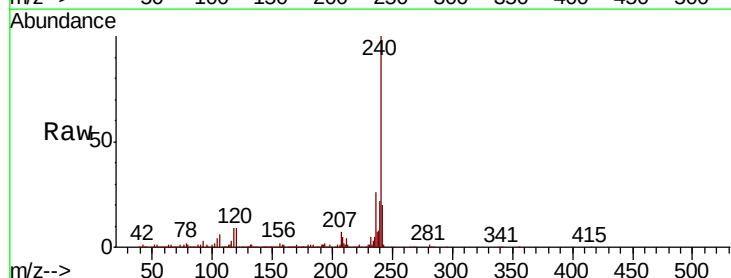
Tgt Ion:240 Resp: 593160

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

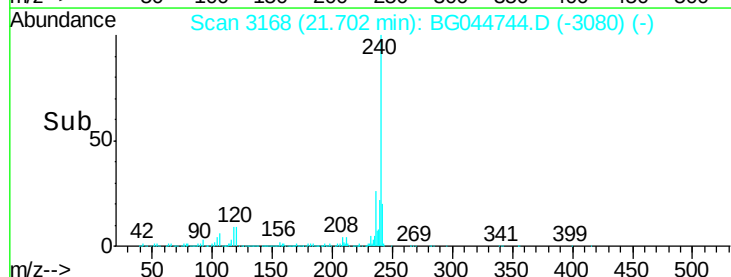
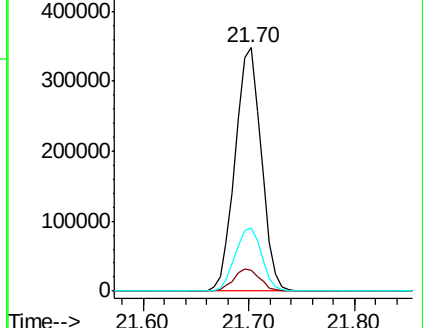
236 26.1 21.9 32.9

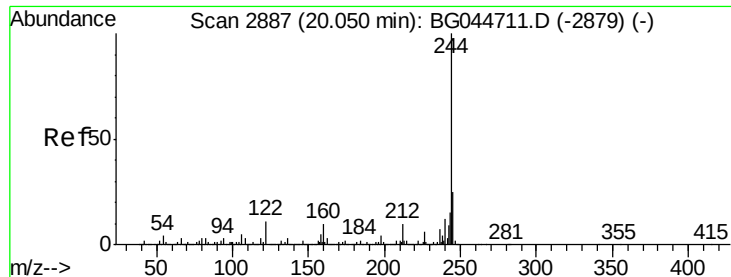


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.813 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044744.D

Acq: 12 Mar 2020 20:49

Instrument :

BNA_G

ClientSampleId :

TP-18-DA

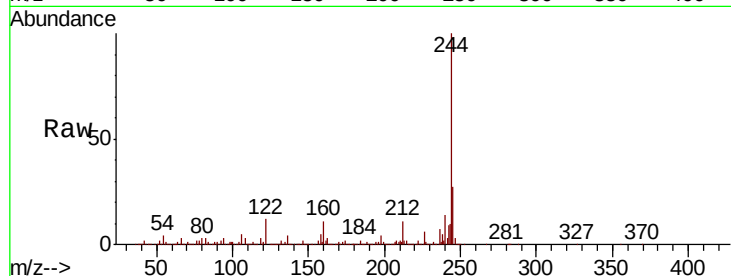
Tot Ion:244 Resp: 2689461

Ion Ratio Lower Upper

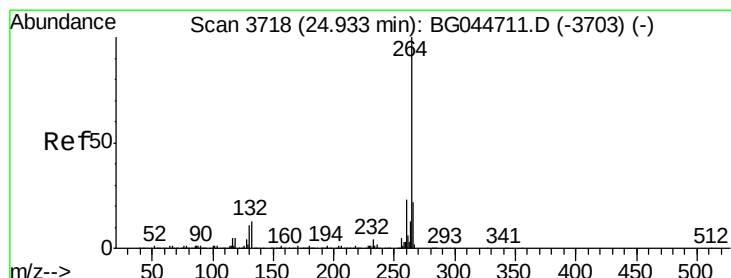
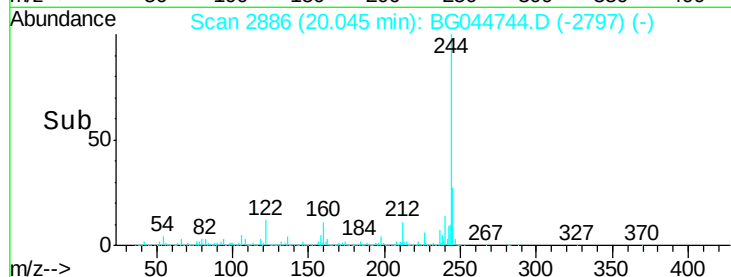
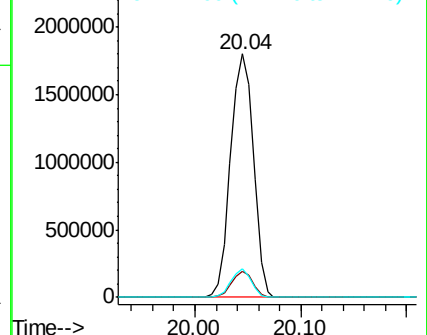
244 100

212 10.8 8.4 12.6

122 11.8 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: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG044744.D

Acq: 12 Mar 2020 20:49

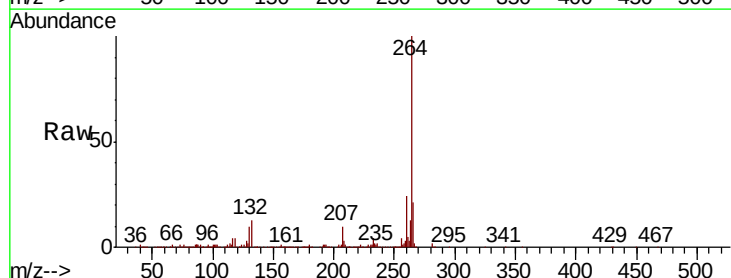
Tgt Ion:264 Resp: 661270

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 20.8 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

