

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042580.D
 Acq On : 30 Aug 2019 00:40
 Operator : HP/JU
 Sample : K4514-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S602-M-2.0-2.5-082319

Quant Time: Aug 30 06:22:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

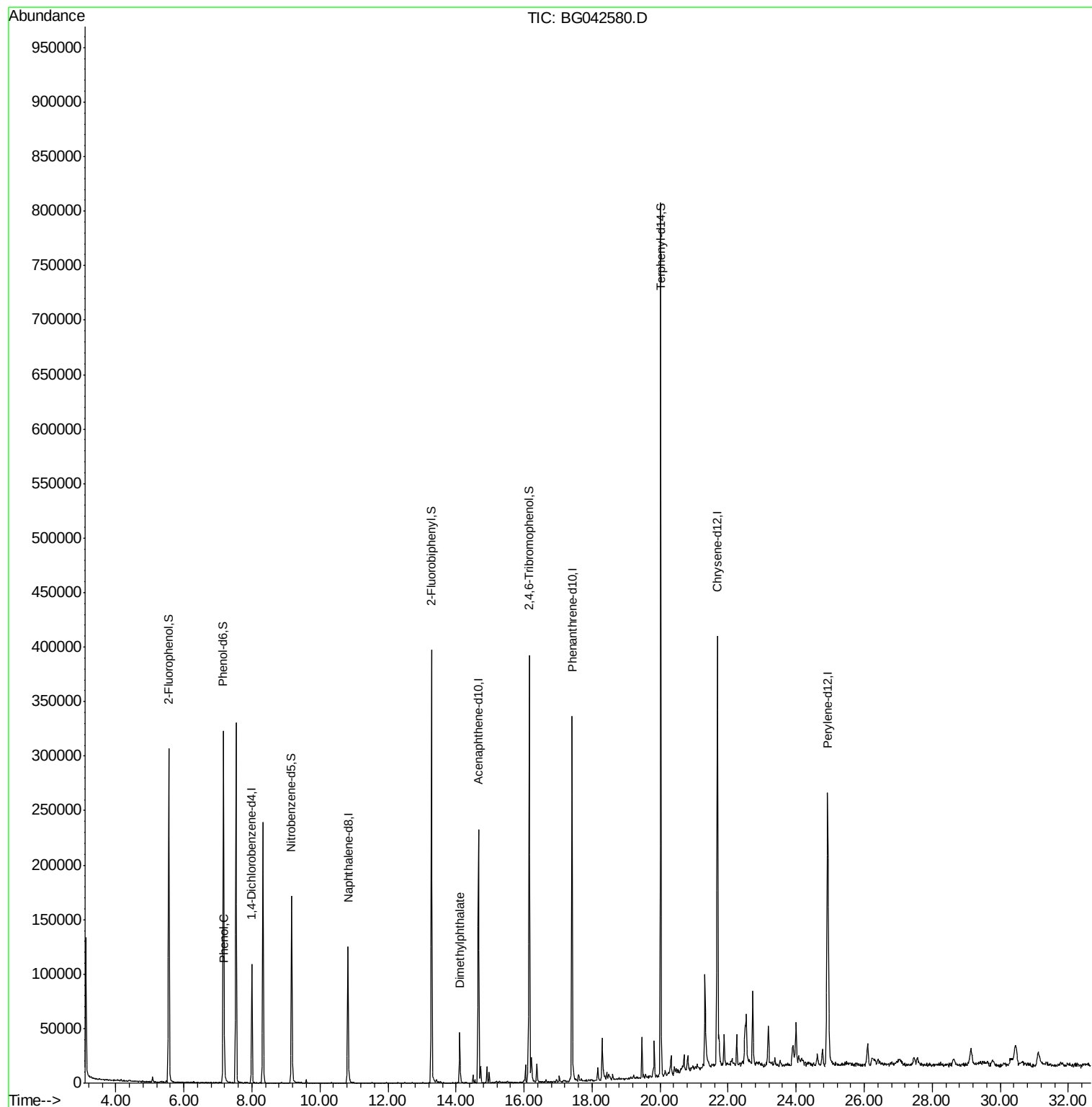
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34880	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	135268	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	99222	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	233495	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	248061	20.00	ng	-0.01
87) Perylene-d12	24.92	264	295922	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	160948	93.45	ng	0.00
7) Phenol-d6	7.16	99	213231	91.66	ng	-0.01
23) Nitrobenzene-d5	9.16	82	117764	60.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	106523	75.53	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	255726	43.59	ng	0.00
79) Terphenyl-d14	20.02	244	429567	37.44	ng	-0.01
Target Compounds						
10) Phenol	7.19	94	12401	5.243	ng	88
50) Dimethylphthalate	14.11	163	44139	6.165	ng	98

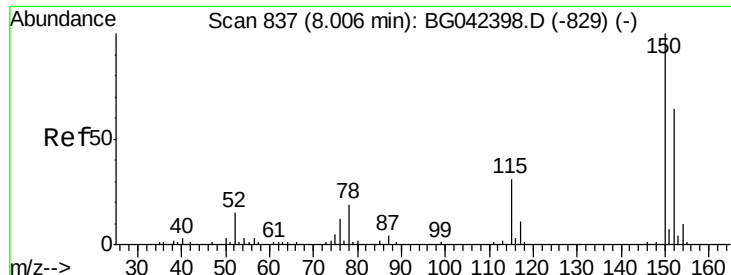
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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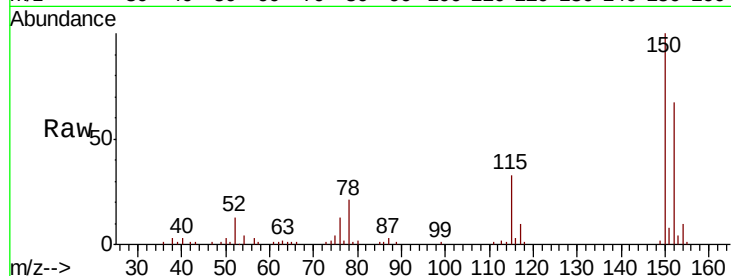


#1

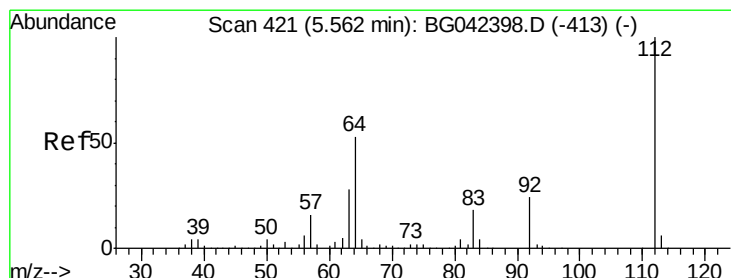
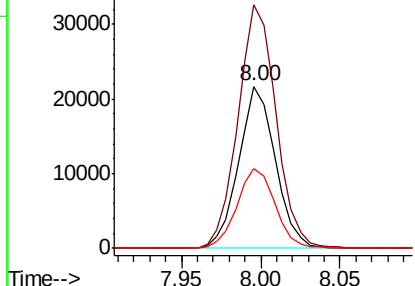
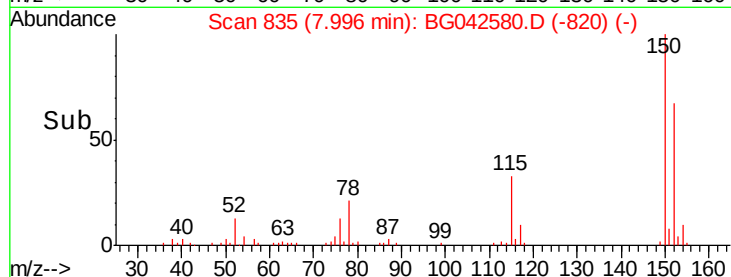
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Instrument :
BNA_G
ClientSampleId :
S602-M-2.0-2.5-082319

Tot Ion:152 Resp: 34880
Ion Ratio Lower Upper
152 100
150 150.2 125.4 188.0
115 49.2 38.5 57.7



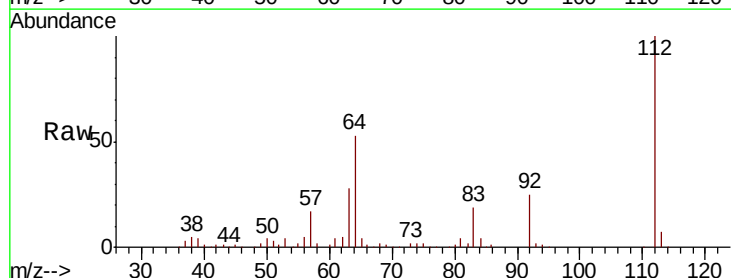
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



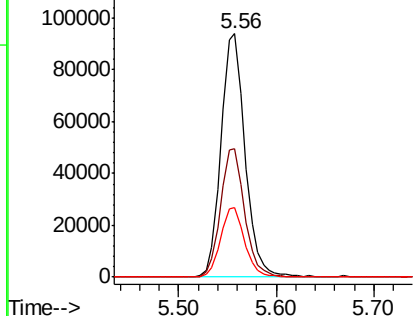
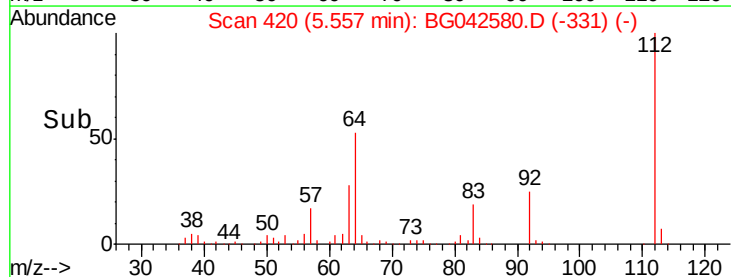
#5

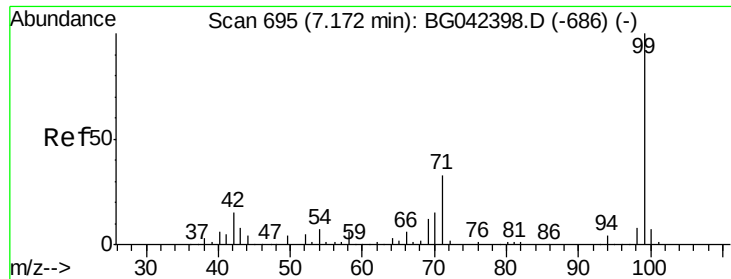
2-Fluorophenol
Concen: 93.454 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Tgt Ion:112 Resp: 160948
Ion Ratio Lower Upper
112 100
64 52.9 42.8 64.2
63 28.5 22.7 34.1



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: 91.660 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042580.D

Acq: 30 Aug 2019 00:40

Instrument :

BNA_G

ClientSampleId :

S602-M-2.0-2.5-082319

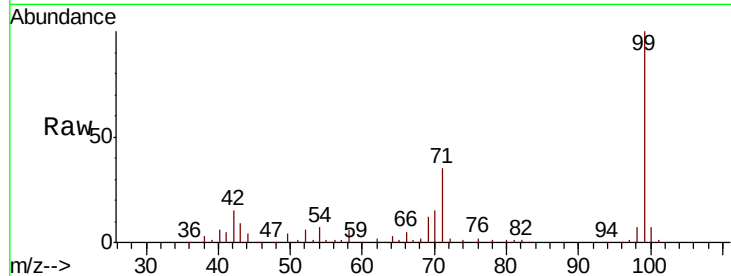
Tot Ion: 99 Resp: 213231

Ion Ratio Lower Upper

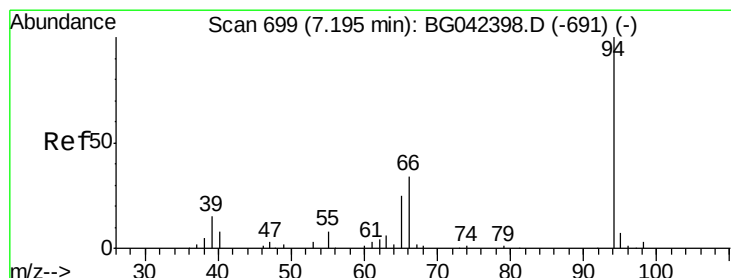
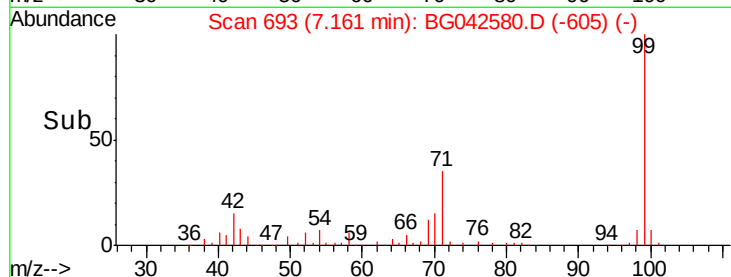
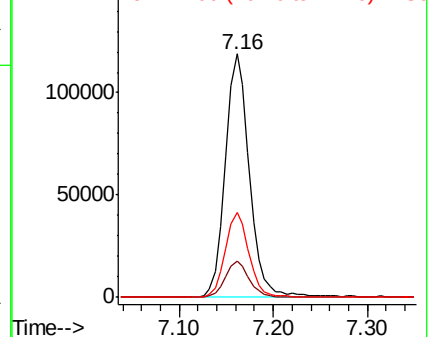
99 100

42 15.1 12.0 18.0

71 34.8 26.3 39.5



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: 5.243 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042580.D

Acq: 30 Aug 2019 00:40

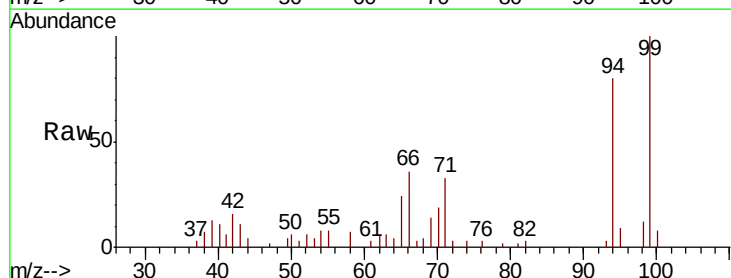
Tgt Ion: 94 Resp: 12401

Ion Ratio Lower Upper

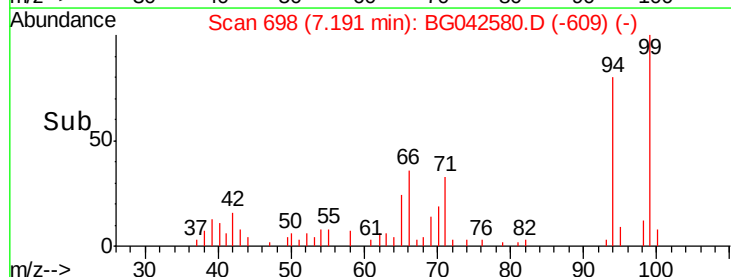
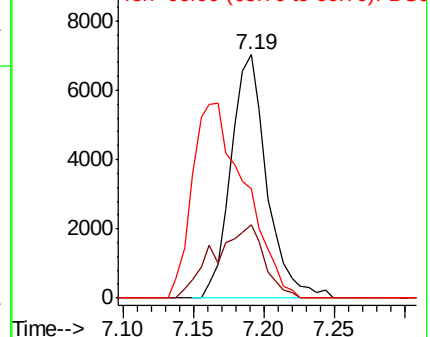
94 100

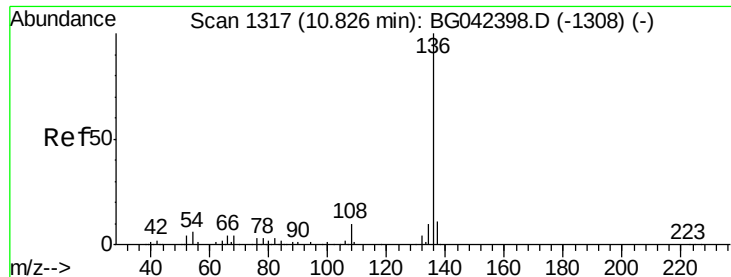
65 30.0 5.6 45.6

66 44.8 16.0 56.0



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

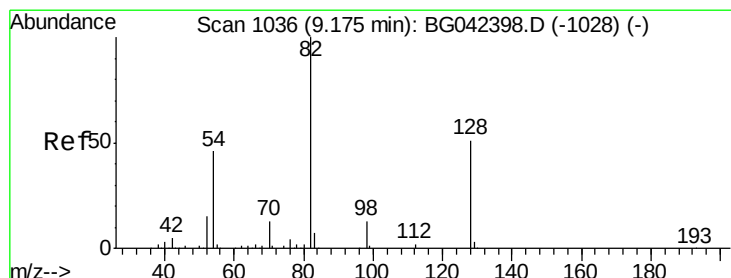
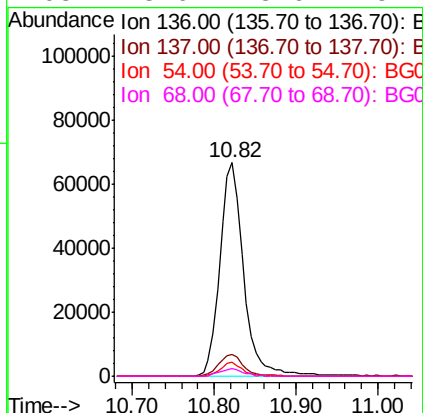
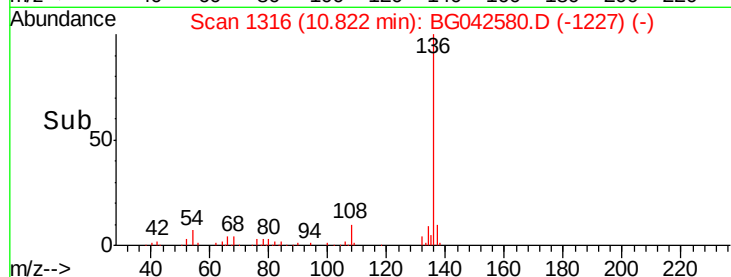
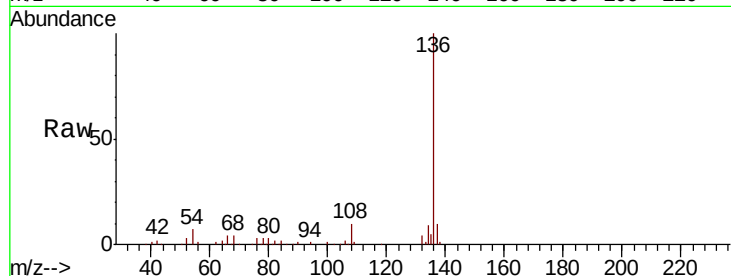




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

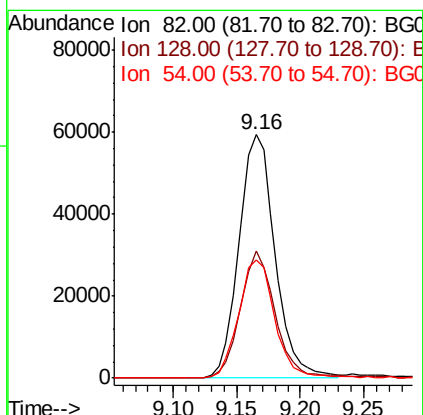
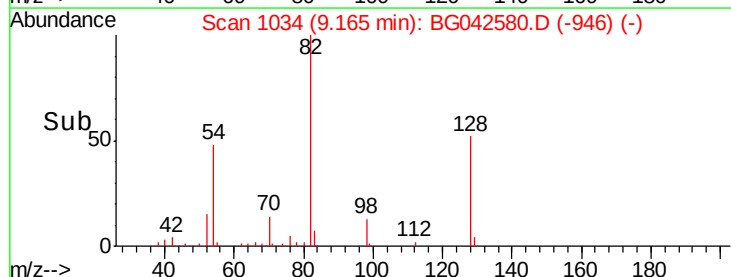
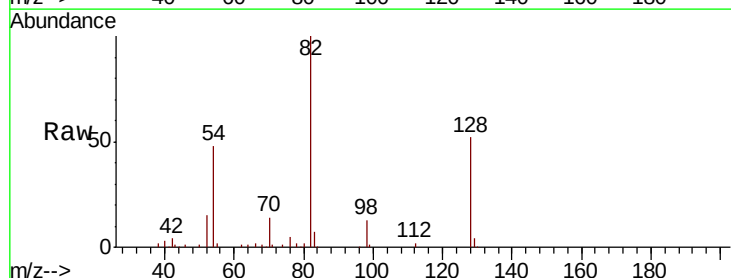
Instrument :
BNA_G
ClientSampleId :
S602-M-2.0-2.5-082319

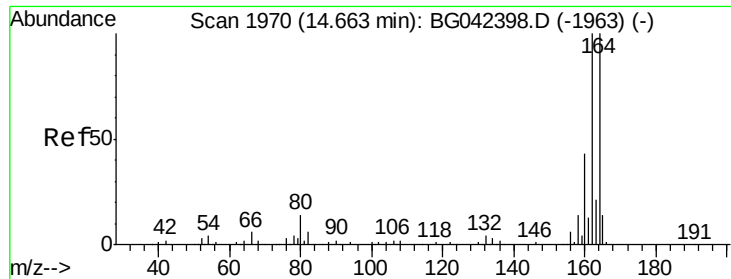
Tot Ion:136	Resp:	135268
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.7	13.1
54 6.5	4.9	7.3
68 3.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 60.162 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Tgt Ion: 82	Resp: 117764
Ion Ratio	Lower Upper
82 100	
128 52.1	40.7 61.1
54 48.5	36.3 54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042580.D

Acq: 30 Aug 2019 00:40

Instrument :

BNA_G

ClientSampleId :

S602-M-2.0-2.5-082319

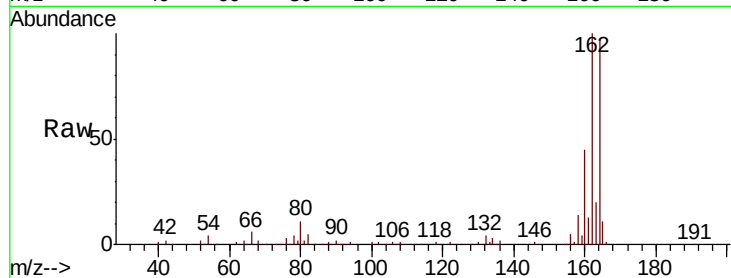
Tot Ion:164 Resp: 99222

Ion Ratio Lower Upper

164 100

162 102.9 79.9 119.9

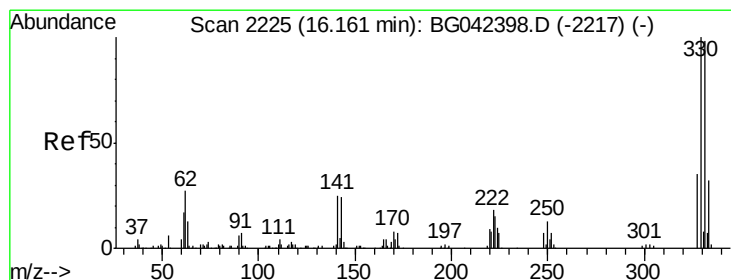
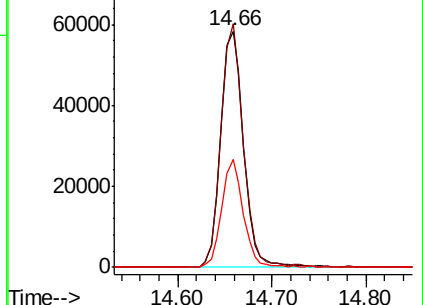
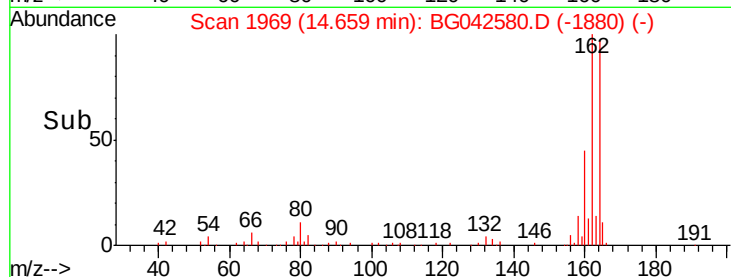
160 45.9 34.3 51.5



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: 75.533 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042580.D

Acq: 30 Aug 2019 00:40

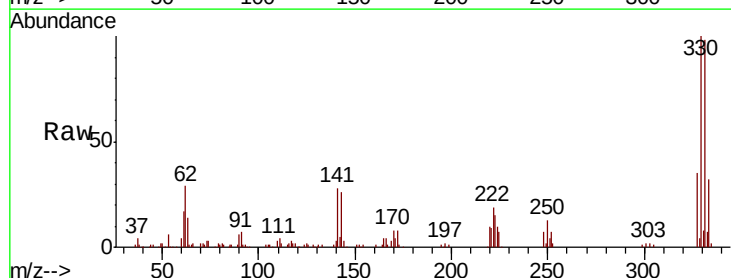
Tgt Ion:330 Resp: 106523

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

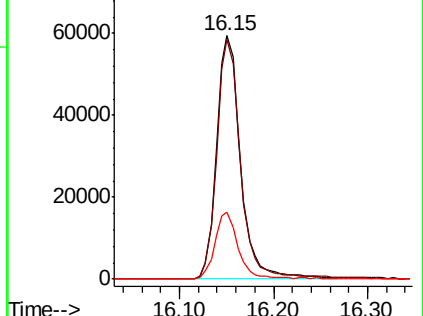
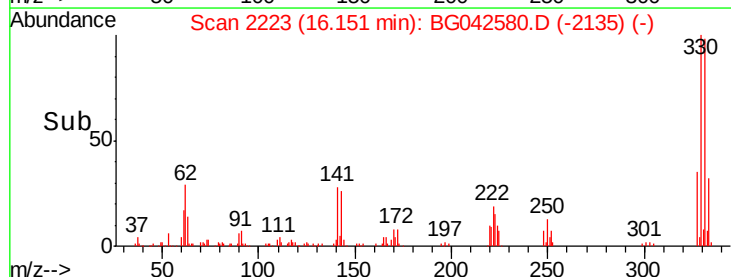
141 26.7 21.4 32.0

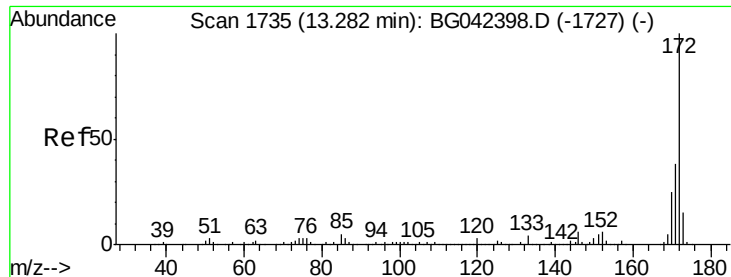


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

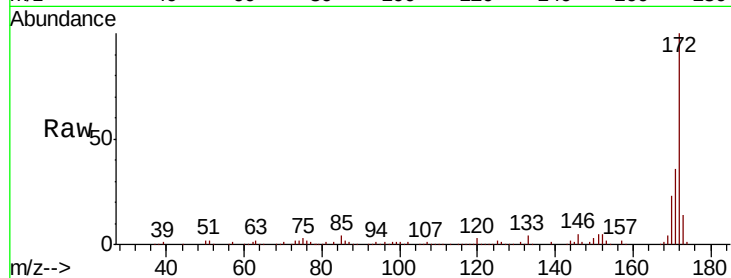




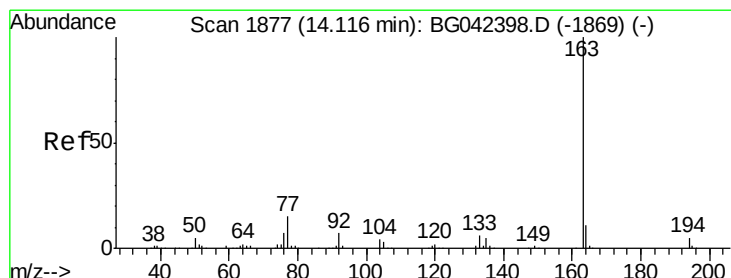
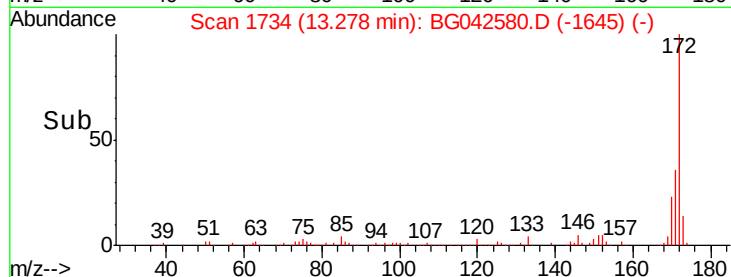
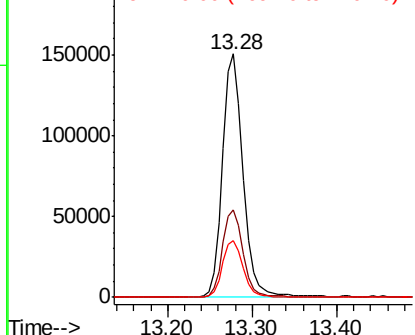
#45
2-Fluorobiphenyl
Concen: 43.590 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Instrument :
BNA_G
ClientSampleId :
S602-M-2.0-2.5-082319

Tot Ion:172 Resp: 255726
Ion Ratio Lower Upper
172 100
171 35.7 30.5 45.7
170 23.3 20.2 30.2

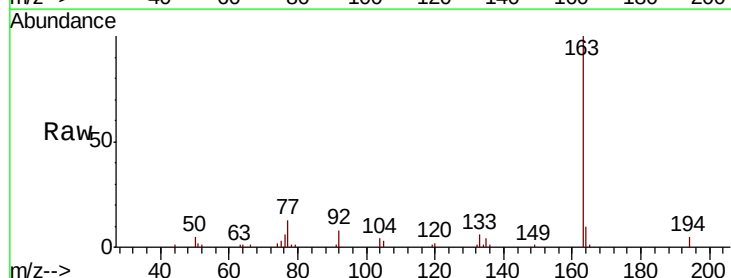


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

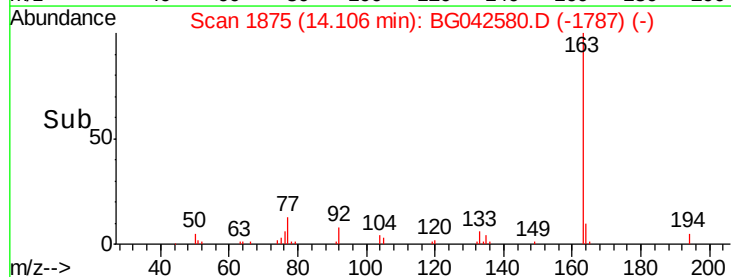
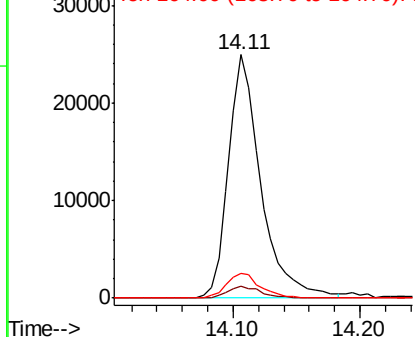


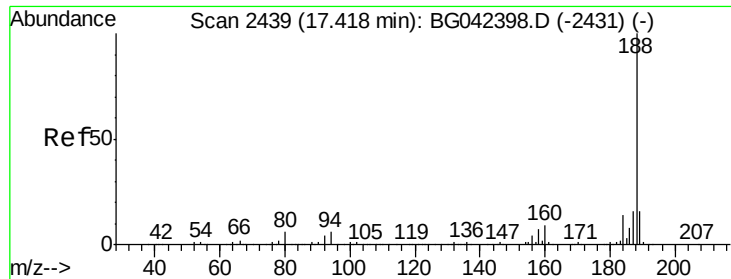
#50
Dimethylphthalate
Concen: 6.165 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Tgt Ion:163 Resp: 44139
Ion Ratio Lower Upper
163 100
194 4.9 4.2 6.2
164 10.3 8.8 13.2



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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042580.D

Acq: 30 Aug 2019 00:40

Instrument :

BNA_G

ClientSampleId :

S602-M-2.0-2.5-082319

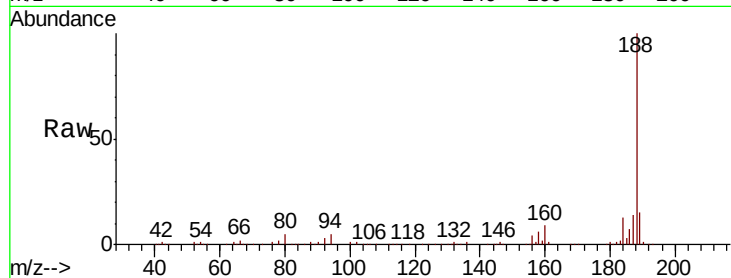
Tot Ion:188 Resp: 233495

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

80 5.4 4.9 7.3



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

200000

150000

100000

50000

0

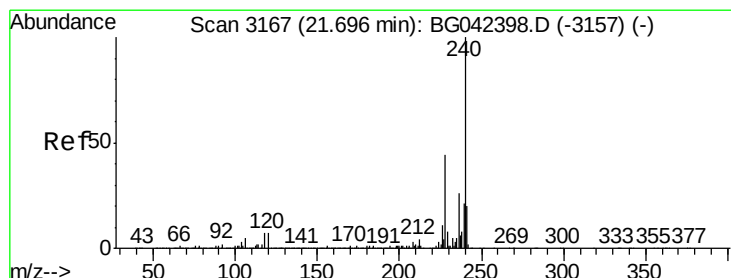
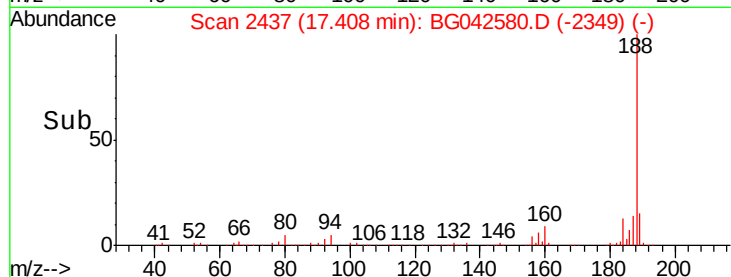
17.41

17.30

17.40

17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042580.D

Acq: 30 Aug 2019 00:40

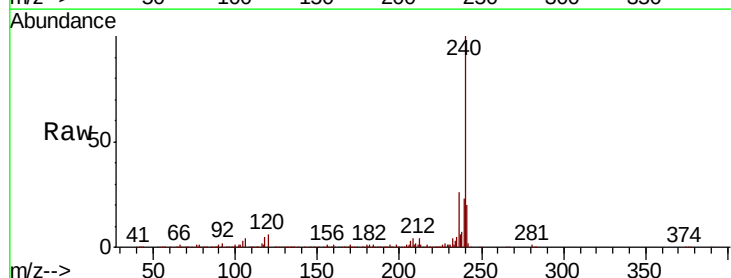
Tgt Ion:240 Resp: 248061

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

236 26.4 21.0 31.4



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

200000

150000

100000

50000

0

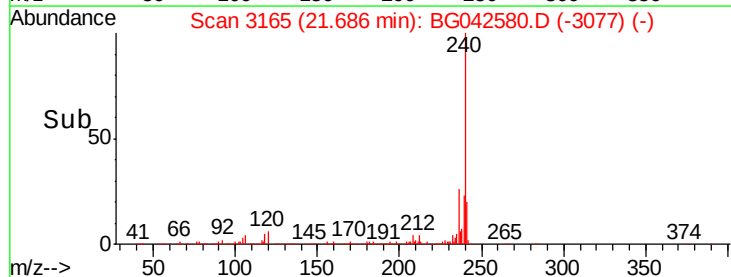
21.69

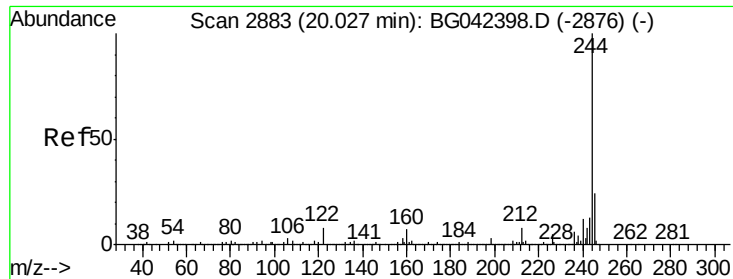
21.60

21.70

21.80

Time-->





#79

Terphenyl-d14

Concen: 37.438 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042580.D

Acq: 30 Aug 2019 00:40

Instrument :

BNA_G

ClientSampleId :

S602-M-2.0-2.5-082319

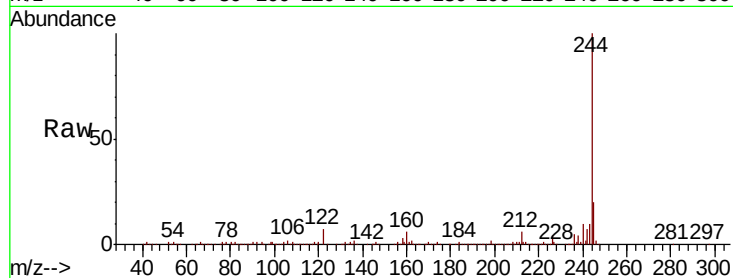
Tot Ion:244 Resp: 429567

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

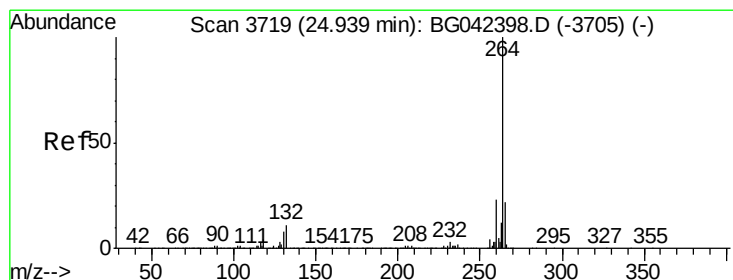
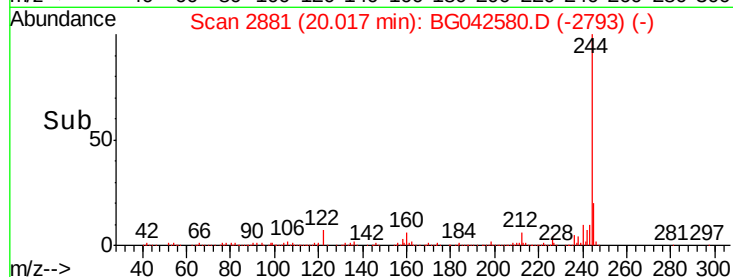
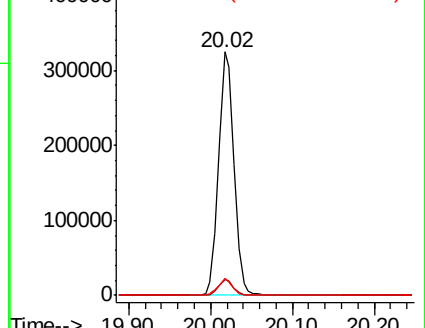
122 7.0 6.7 10.1



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. -0.02 min

Lab File: BG042580.D

Acq: 30 Aug 2019 00:40

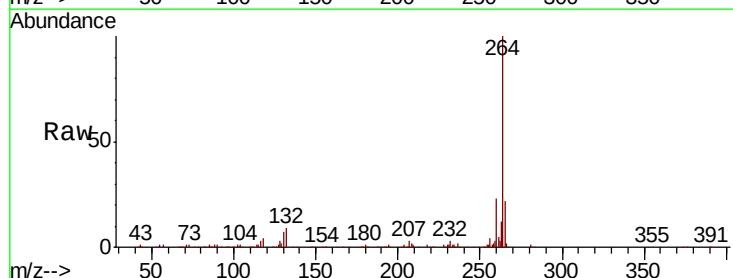
Tgt Ion:264 Resp: 295922

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.2 17.6 26.4



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

