

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040827.D
 Acq On : 9 May 2019 22:18
 Operator : HP/JU
 Sample : K2762-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS003-0612-01

Quant Time: May 10 07:24:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

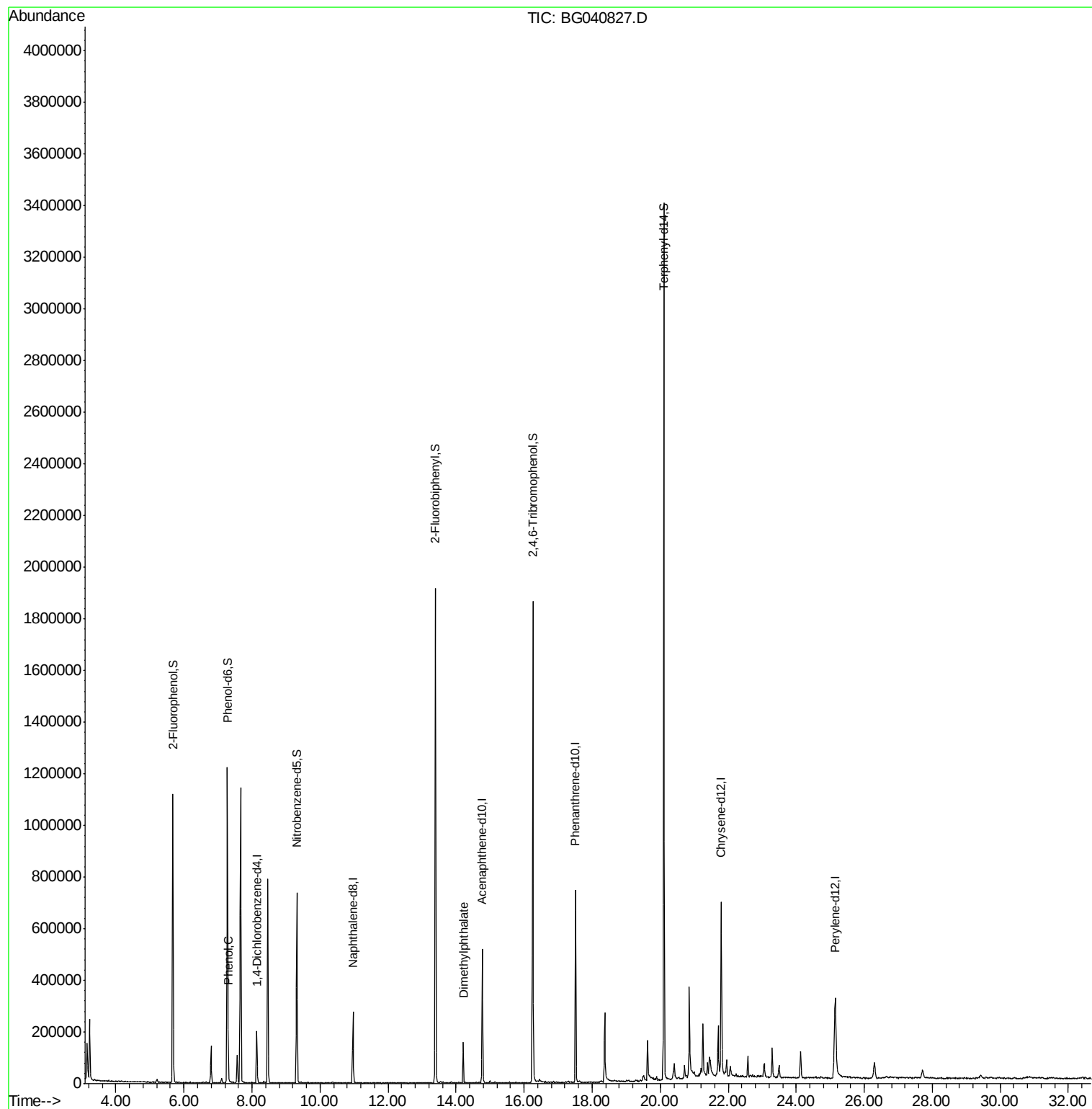
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	51088	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	220804	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	172723	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	449079	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	422455	20.00	ng	-0.03
87) Perylene-d12	25.15	264	393591	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	416869	143.84	ng	-0.01
7) Phenol-d6	7.28	99	639886	143.40	ng	-0.02
23) Nitrobenzene-d5	9.32	82	446595	93.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	340610	143.47	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	929213	77.69	ng	-0.02
79) Terphenyl-d14	20.11	244	1582656	83.00	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	9659	2.014	ng	75
50) Dimethylphthalate	14.21	163	92257	6.384	ng	97

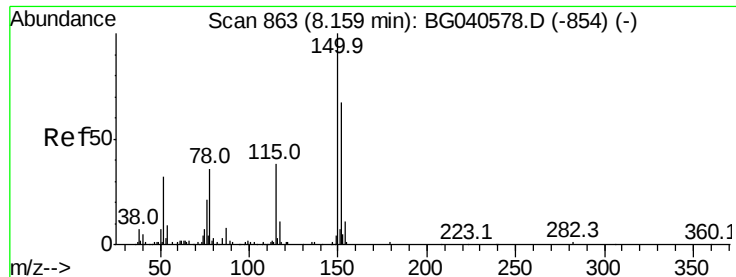
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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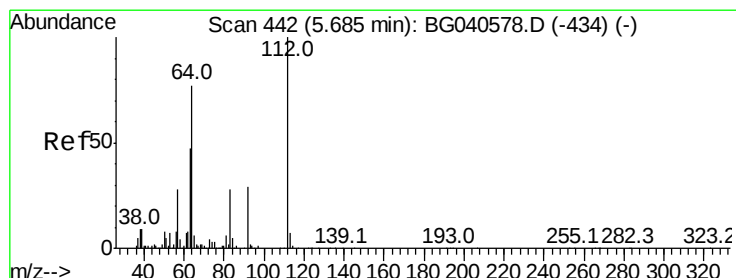
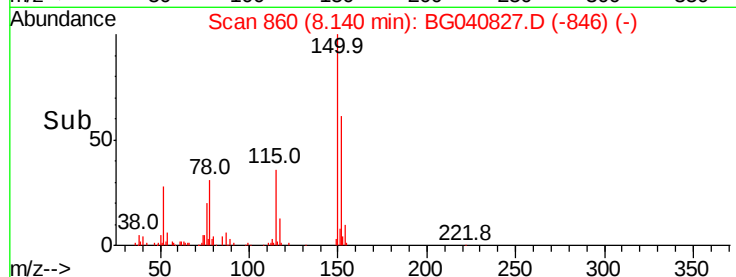
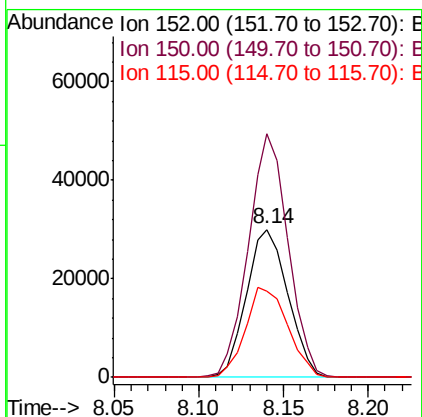
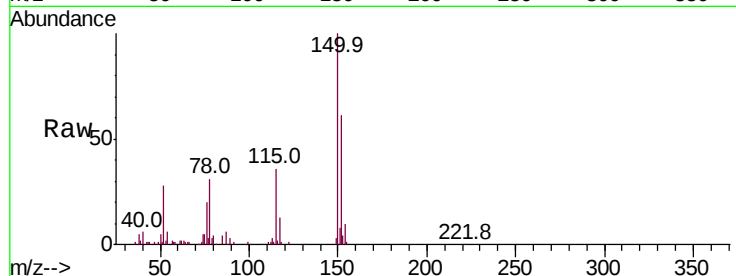


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Instrument :
BNA_G
ClientSampleId :
P021-SS003-0612-01

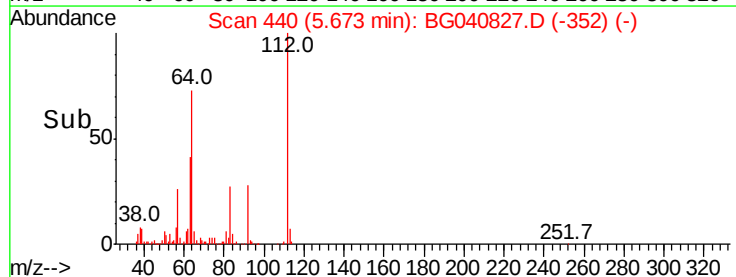
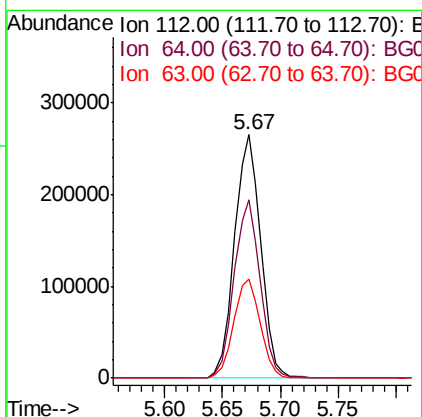
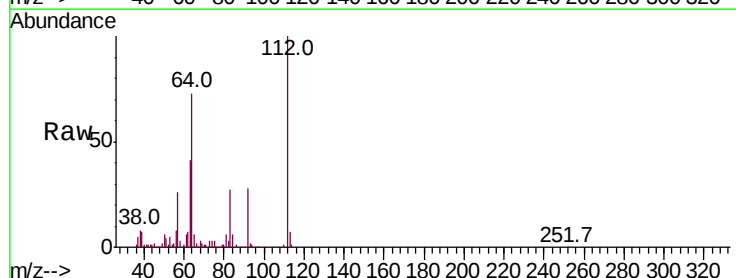
Tot Ion:152 Resp: 51088
Ion Ratio Lower Upper
152 100
150 164.9 120.2 180.2
115 58.6 46.2 69.2

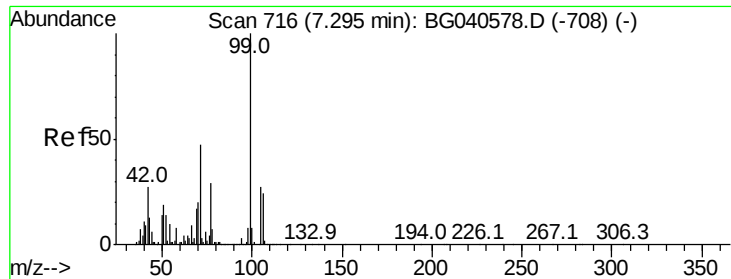


#5

2-Fluorophenol
Concen: 143.838 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Tgt Ion:112 Resp: 416869
Ion Ratio Lower Upper
112 100
64 73.0 61.4 92.0
63 40.9 37.8 56.6





#7

Phenol-d6

Concen: 143.396 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040827.D

Acq: 9 May 2019 22:18

Instrument :

BNA_G

ClientSampleId :

P021-SS003-0612-01

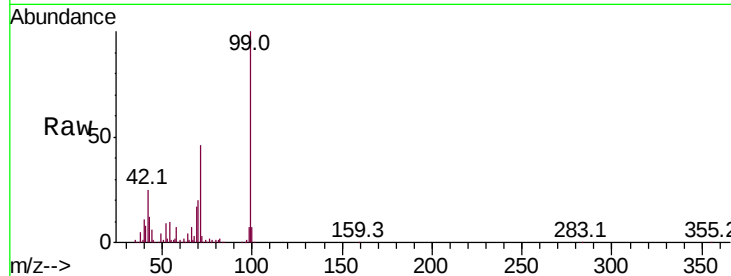
Tot Ion: 99 Resp: 639886

Ion Ratio Lower Upper

99 100

42 25.4 21.8 32.8

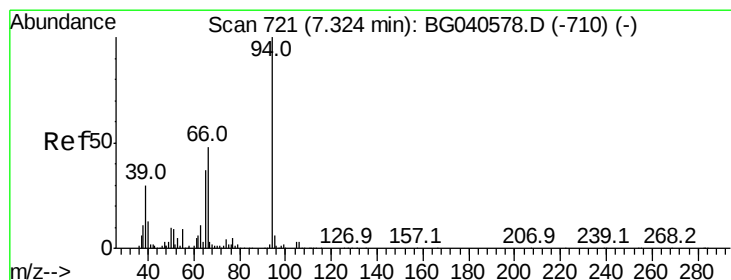
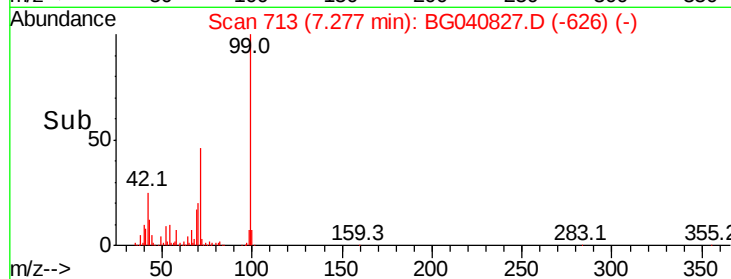
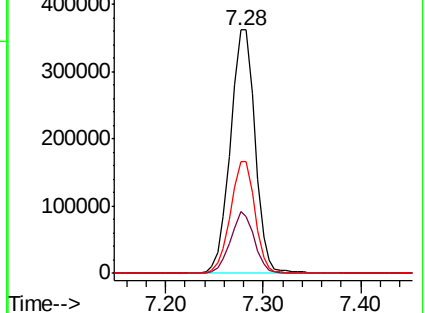
71 45.8 38.6 57.8



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: 2.014 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040827.D

Acq: 9 May 2019 22:18

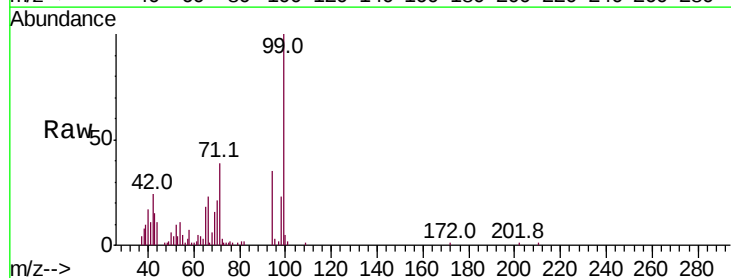
Tgt Ion: 94 Resp: 9659

Ion Ratio Lower Upper

94 100

65 52.1 17.0 57.0

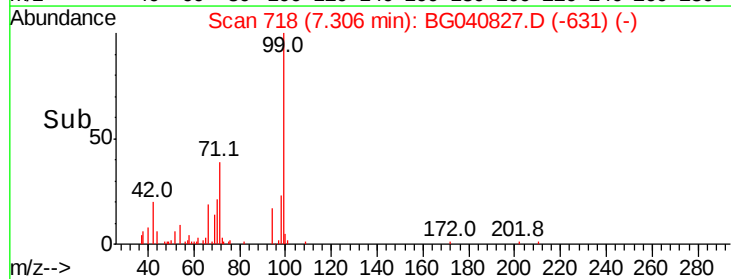
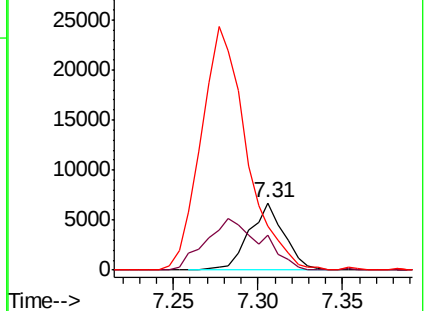
66 65.5 28.6 68.6

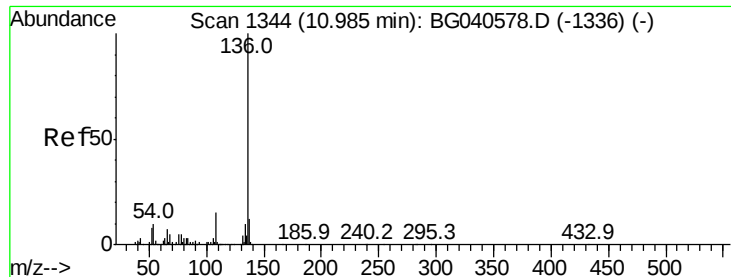


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

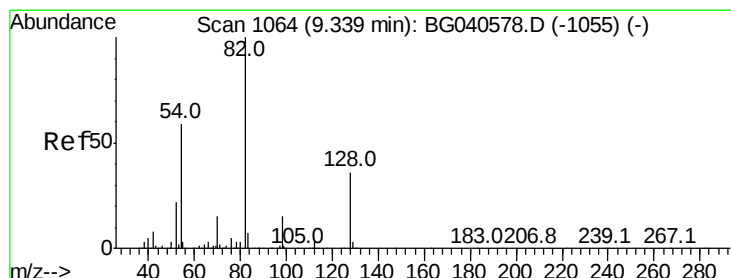
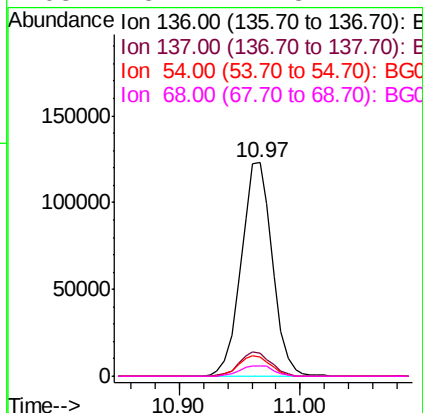
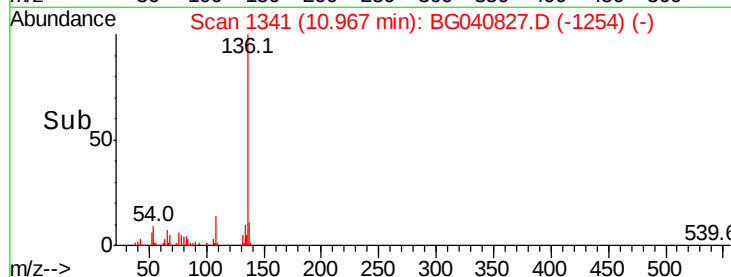
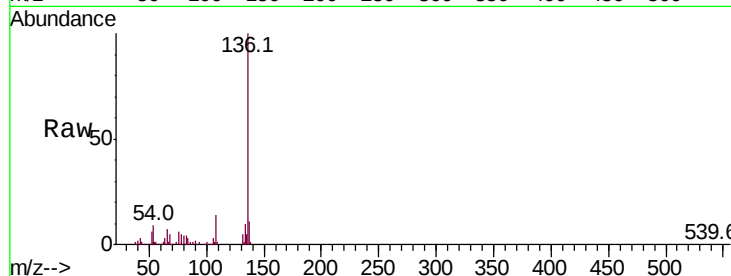




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

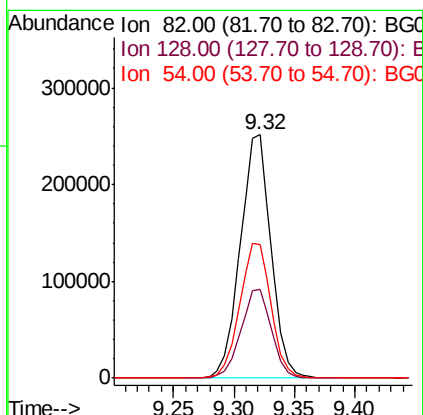
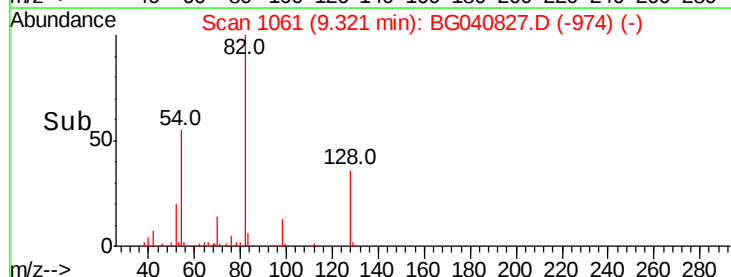
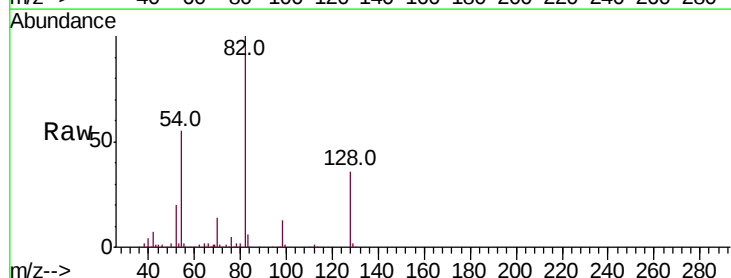
Instrument :
BNA_G
ClientSampleId :
P021-SS003-0612-01

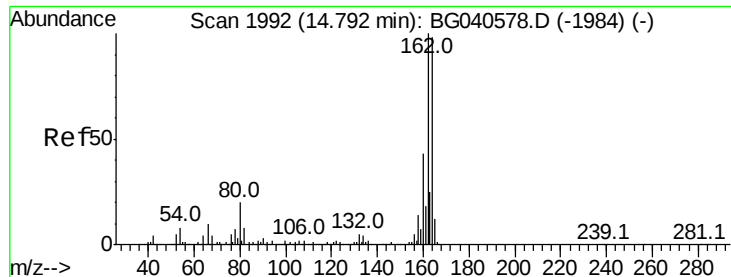
Tot Ion:136	Resp:	220804
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.7 14.5
54	9.2	8.6 12.8
68	5.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 93.456 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Tgt Ion: 82	Resp:	446595
Ion Ratio	Lower	Upper
82	100	
128	36.4	28.9 43.3
54	54.9	47.2 70.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040827.D

Acq: 9 May 2019 22:18

Instrument :

BNA_G

ClientSampleId :

P021-SS003-0612-01

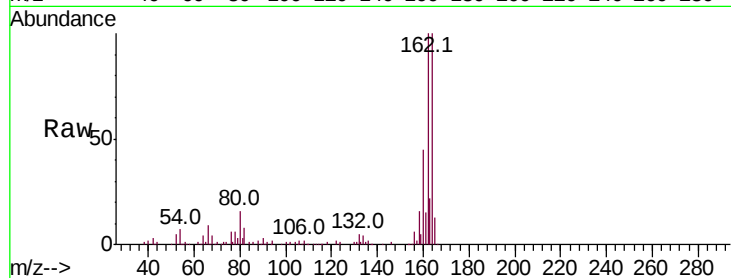
Tot Ion:164 Resp: 172723

Ion Ratio Lower Upper

164 100

162 99.6 81.9 122.9

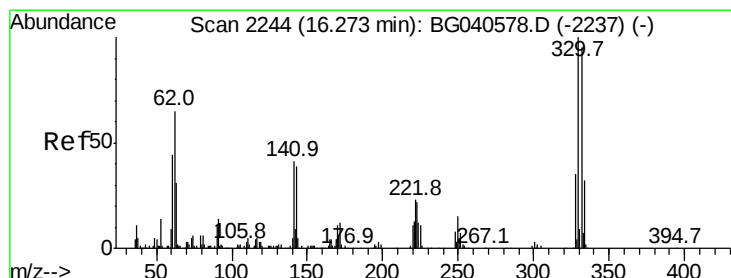
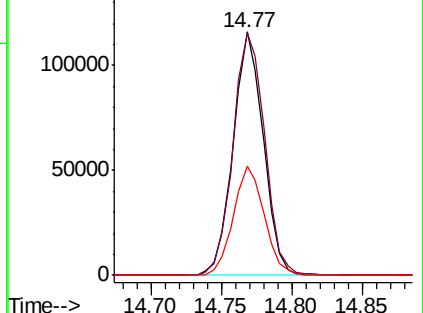
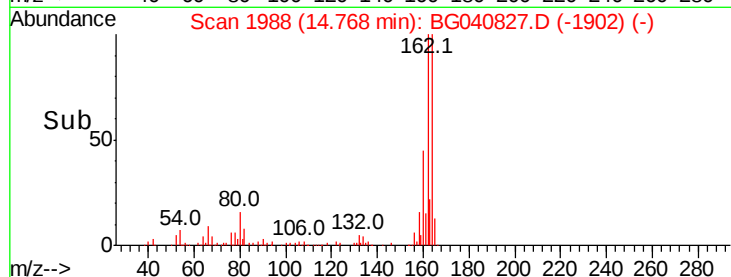
160 45.0 35.4 53.2



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: 143.468 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040827.D

Acq: 9 May 2019 22:18

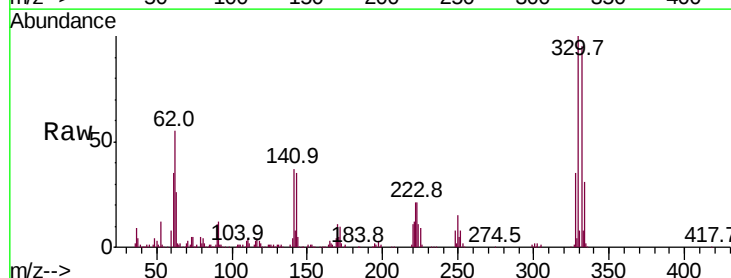
Tgt Ion:330 Resp: 340610

Ion Ratio Lower Upper

330 100

332 94.2 75.9 113.9

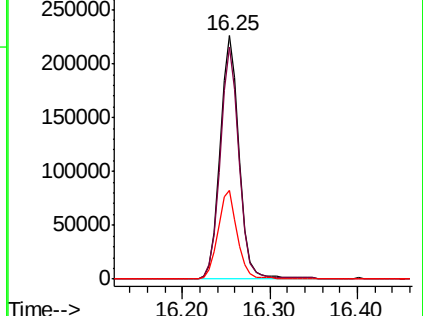
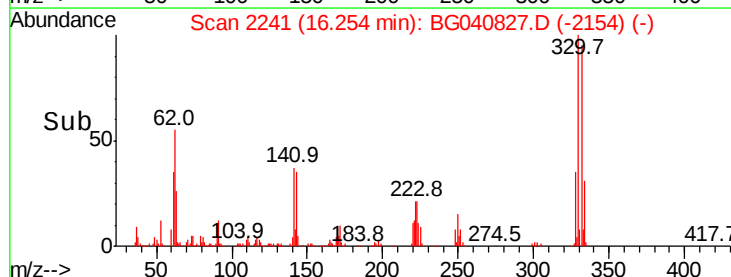
141 36.8 32.4 48.6

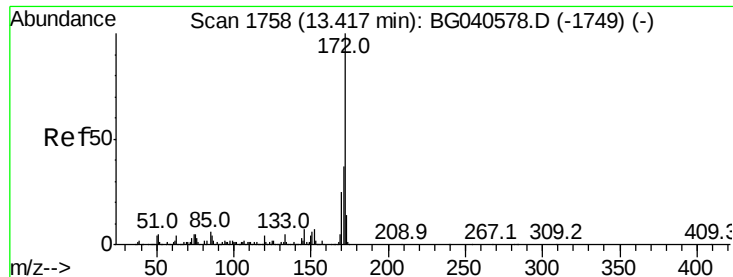


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 77.695 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040827.D

Acq: 9 May 2019 22:18

Instrument :

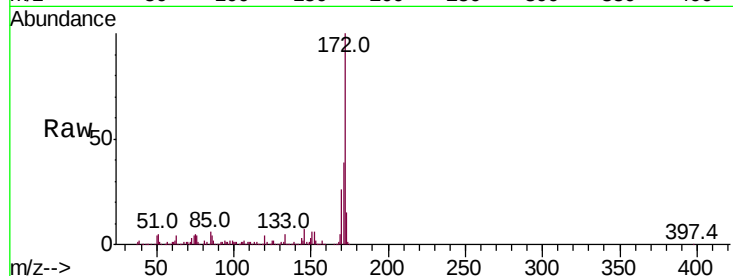
BNA_G

ClientSampleId :

P021-SS003-0612-01

Tot Ion:172 Resp: 929213

Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.2
170	25.8	19.9	29.9

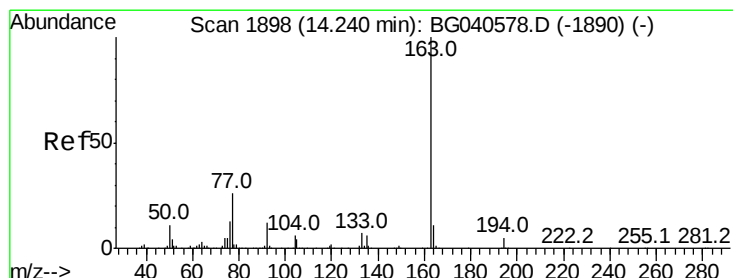
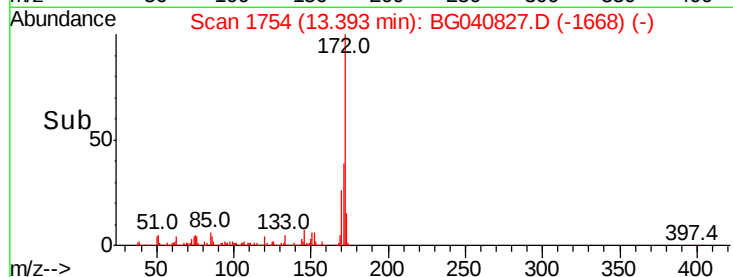
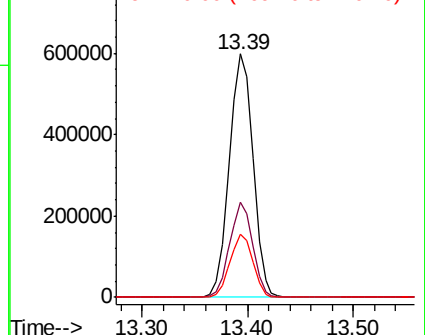


Abundance

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: 6.384 ng

RT: 14.21 min Scan# 1893

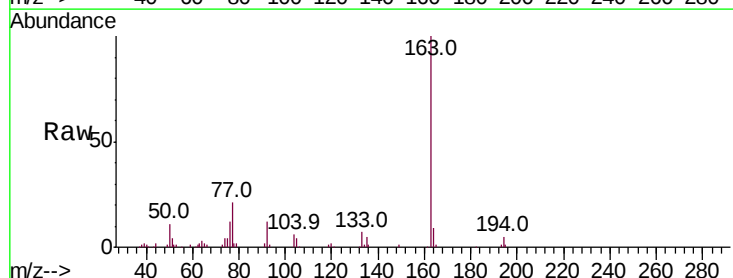
Delta R.T. -0.03 min

Lab File: BG040827.D

Acq: 9 May 2019 22:18

Tgt Ion:163 Resp: 92257

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	9.4	8.8	13.2

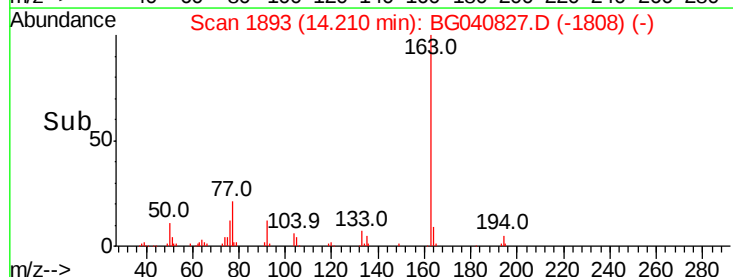
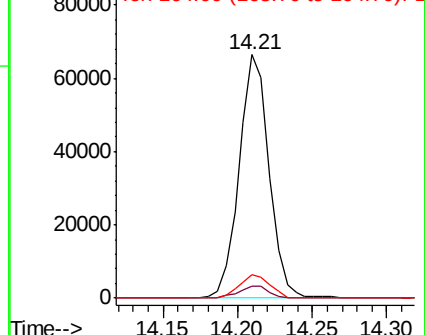


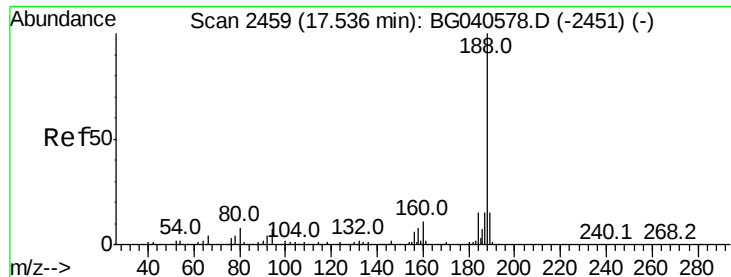
Abundance

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040827.D

Acq: 9 May 2019 22:18

Instrument :

BNA_G

ClientSampleId :

P021-SS003-0612-01

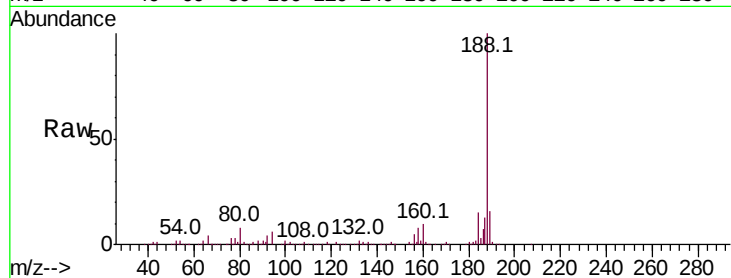
Tot Ion:188 Resp: 449079

Ion Ratio Lower Upper

188 100

94 6.5 5.6 8.4

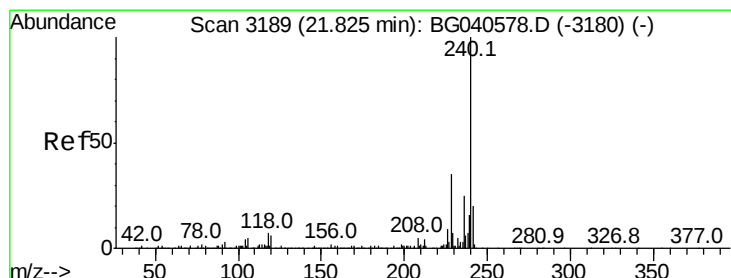
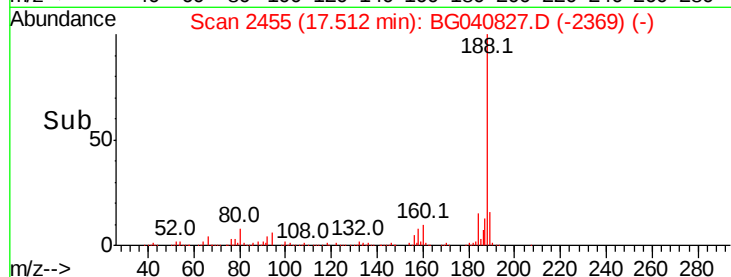
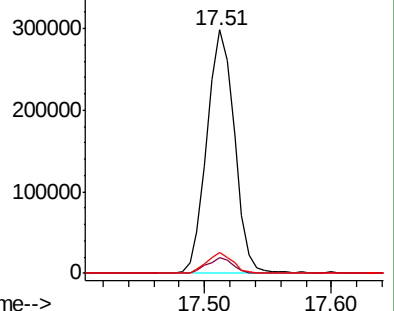
80 8.5 6.4 9.6



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: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040827.D

Acq: 9 May 2019 22:18

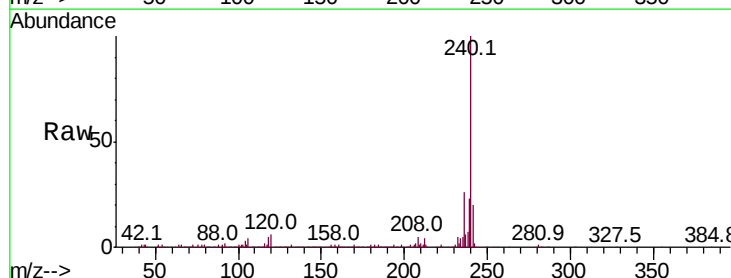
Tgt Ion:240 Resp: 422455

Ion Ratio Lower Upper

240 100

120 5.9 5.0 7.6

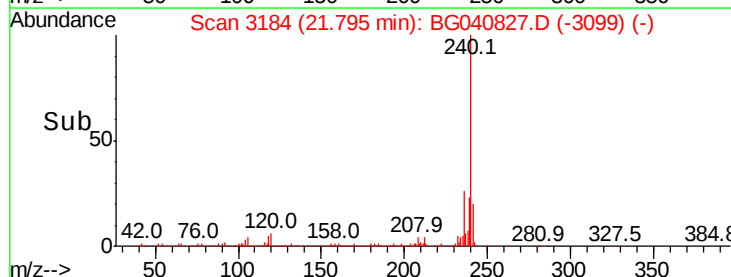
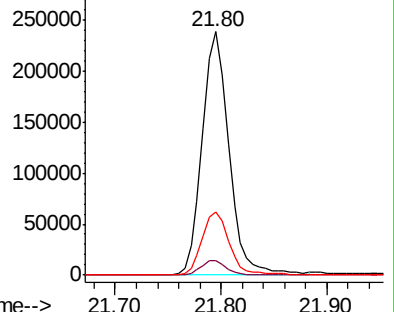
236 26.1 20.3 30.5

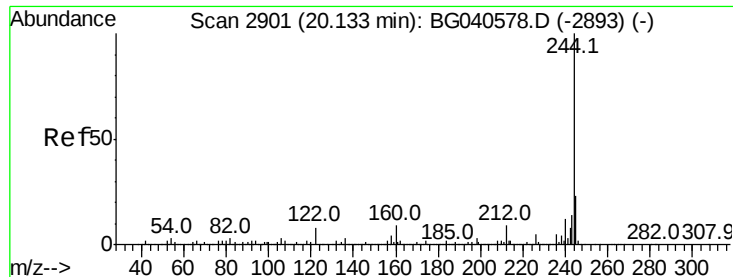


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.997 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040827.D

Acq: 9 May 2019 22:18

Instrument :

BNA_G

ClientSampleId :

P021-SS003-0612-01

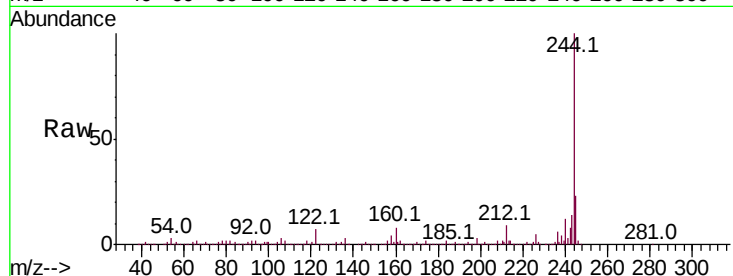
Tot Ion:244 Resp: 1582656

Ion Ratio Lower Upper

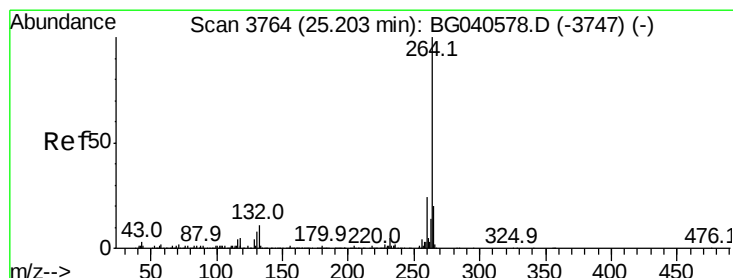
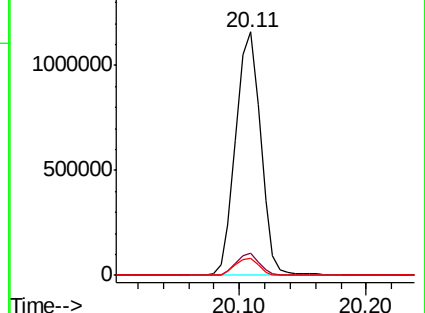
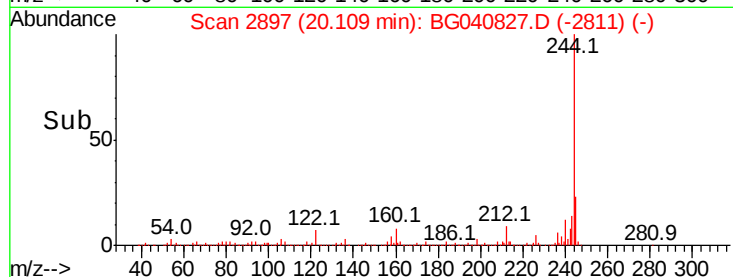
244 100

212 9.1 7.2 10.8

122 7.1 6.6 10.0



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: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040827.D

Acq: 9 May 2019 22:18

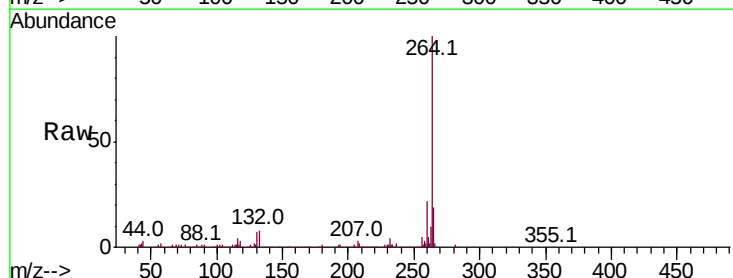
Tgt Ion:264 Resp: 393591

Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

265 19.4 16.6 25.0



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

