

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039608.D
 Acq On : 26 Feb 2019 20:00
 Operator : JU/SJ
 Sample : K1620-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04

Quant Time: Feb 27 03:25:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

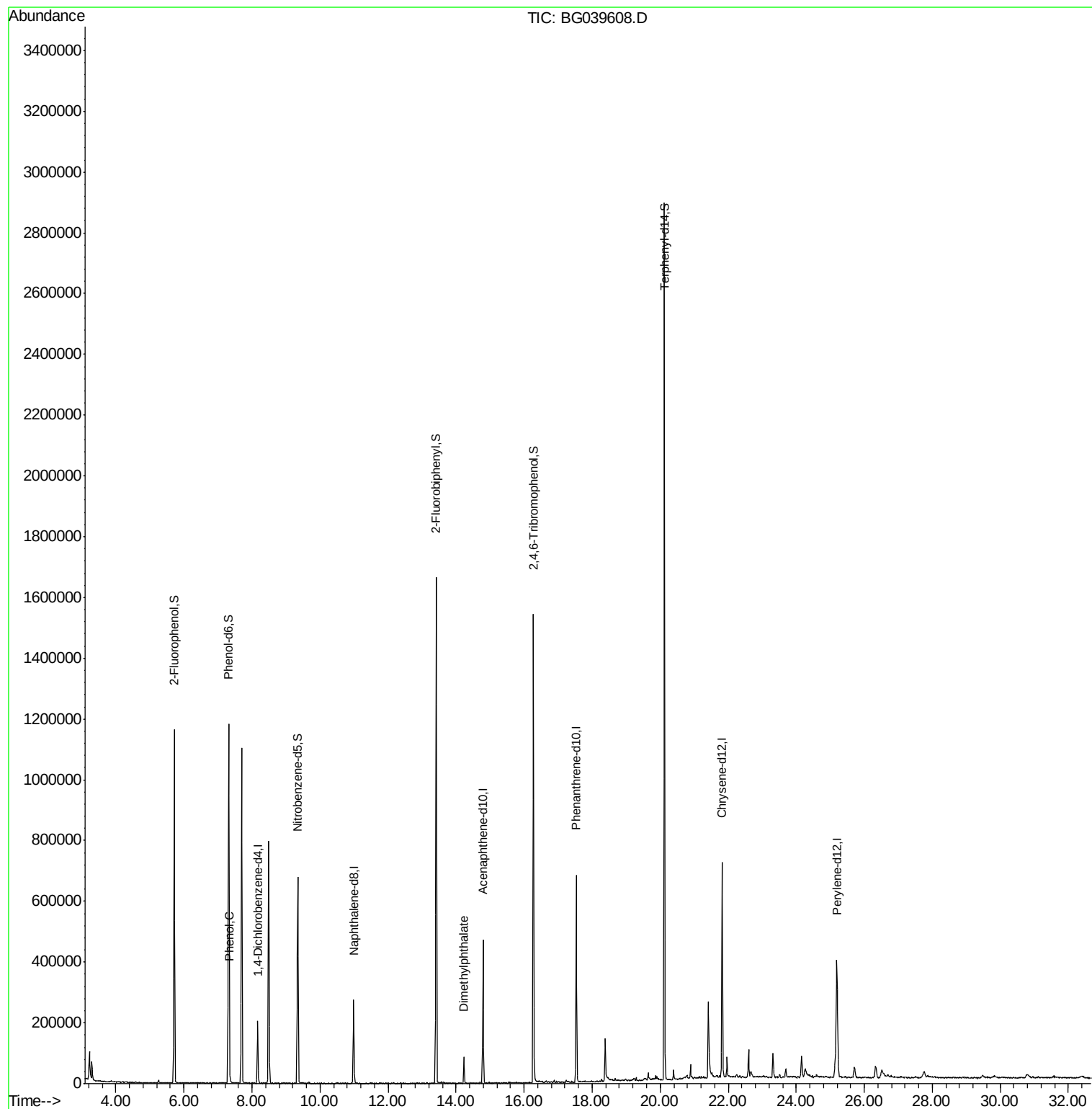
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	56828	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	239319	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	161360	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	405979	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	422375	20.00	ng	-0.03
87) Perylene-d12	25.20	264	432431	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	480458	144.70	ng	0.00
7) Phenol-d6	7.32	99	689502	141.08	ng	0.00
23) Nitrobenzene-d5	9.34	82	409396	106.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	272470	156.81	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	894052	79.48	ng	-0.02
79) Terphenyl-d14	20.12	244	1338055	67.06	ng	-0.03
Target Compounds						
10) Phenol	7.34	94	16691	3.276	ng	95
50) Dimethylphthalate	14.23	163	58943	4.523	ng	98

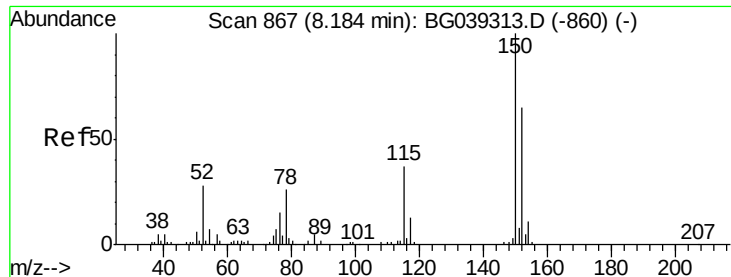
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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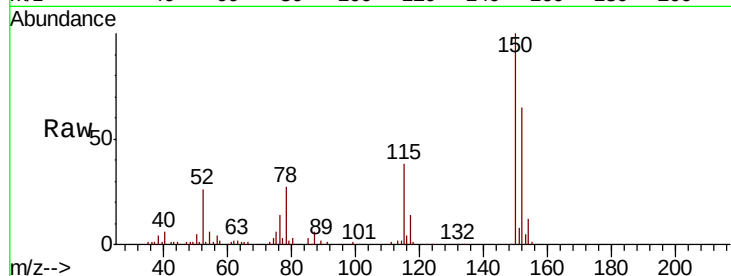


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BG039608.D
 Acq: 26 Feb 2019 20:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.7	185.5
115	58.9	45.9	68.9

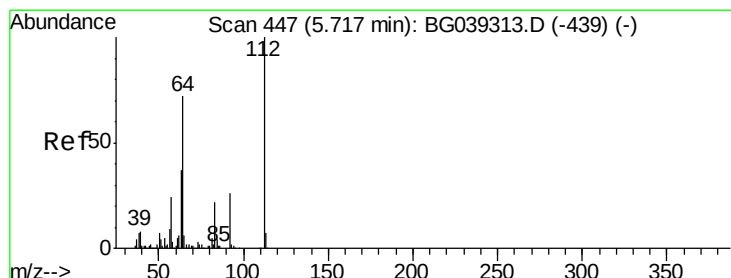
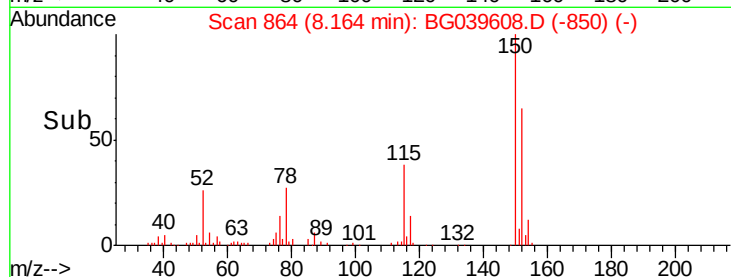
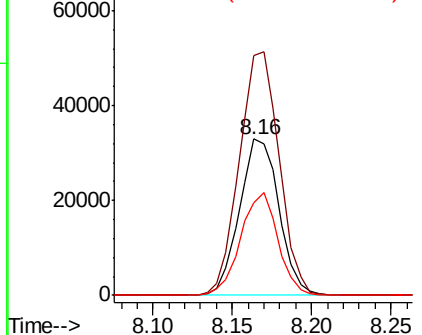


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

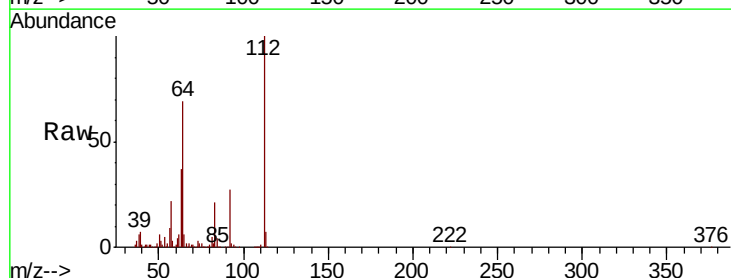
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 144.701 ng
 RT: 5.71 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BG039608.D
 Acq: 26 Feb 2019 20:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.8	86.8
63	36.7	29.8	44.6

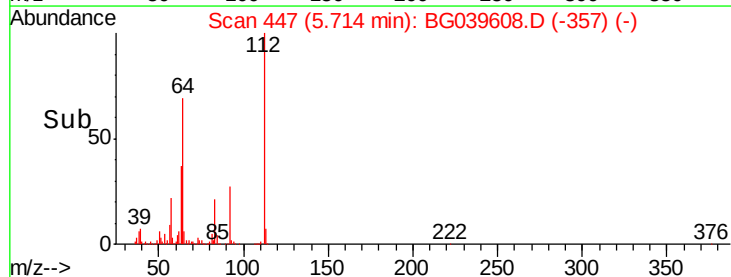
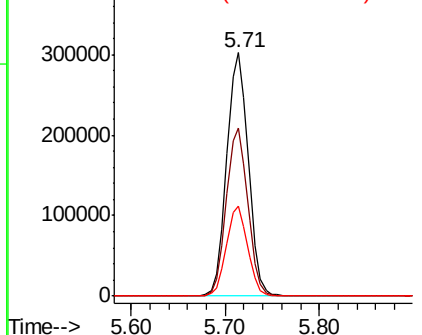


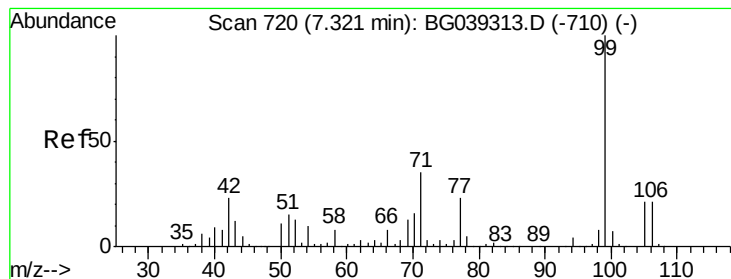
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 141.076 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

Instrument :

BNA_G

ClientSampled :

SB-04

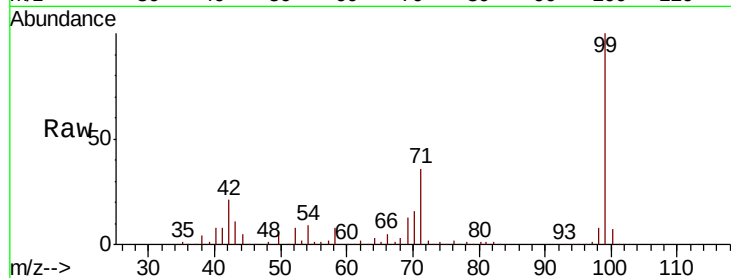
Tot Ion: 99 Resp: 689502

Ion Ratio Lower Upper

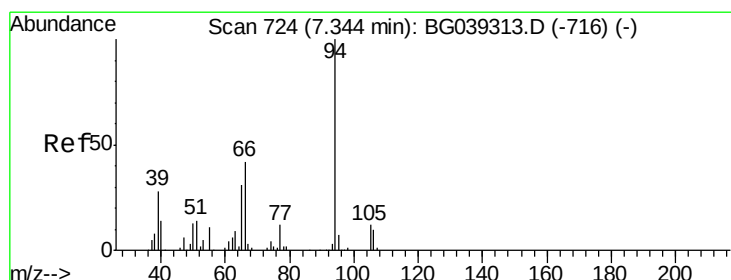
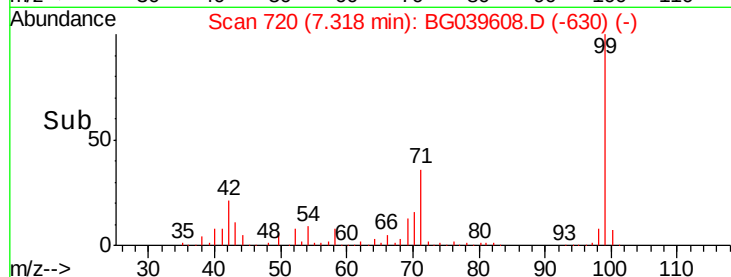
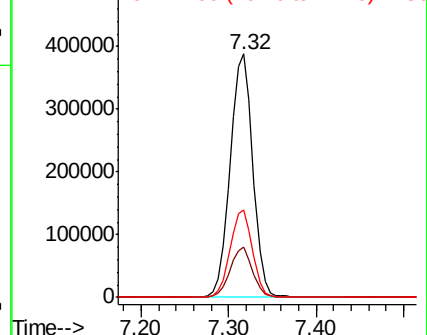
99 100

42 20.5 18.2 27.2

71 36.0 28.0 42.0



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: 3.276 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

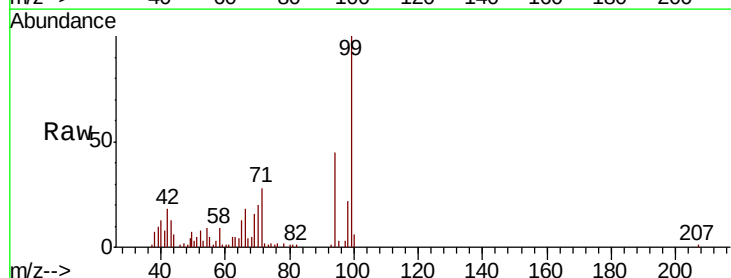
Tgt Ion: 94 Resp: 16691

Ion Ratio Lower Upper

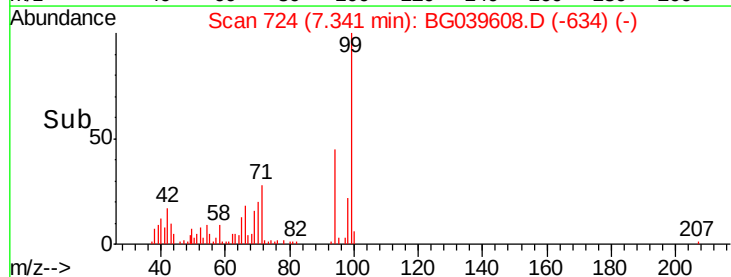
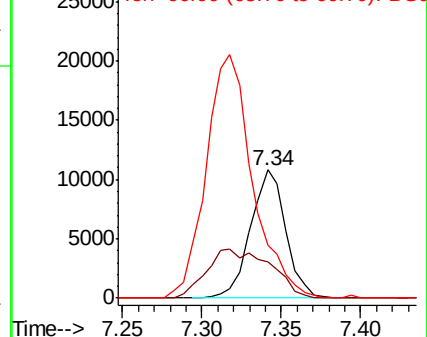
94 100

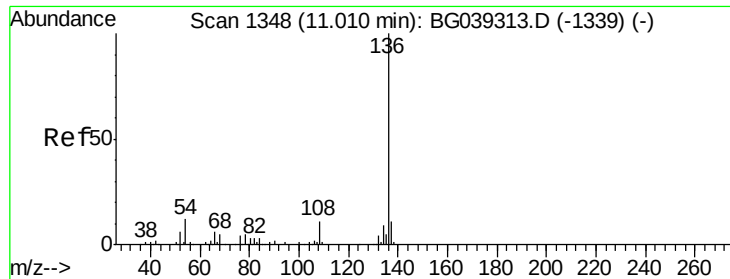
65 28.1 11.7 51.7

66 41.0 23.7 63.7



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

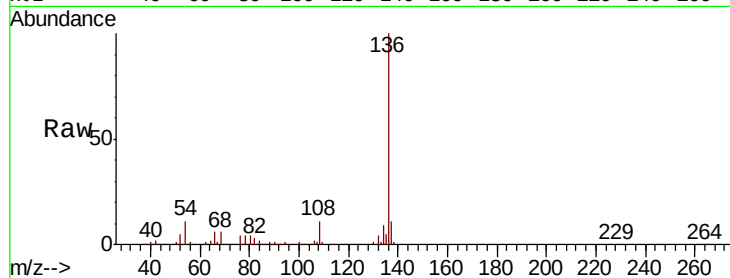




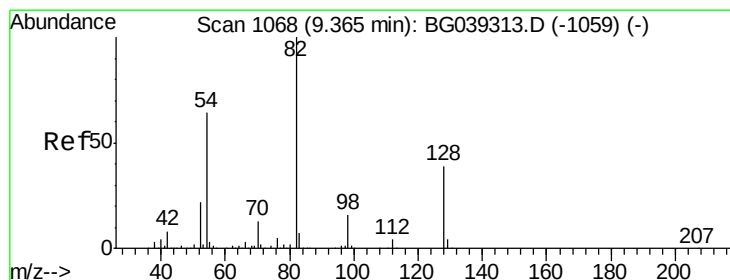
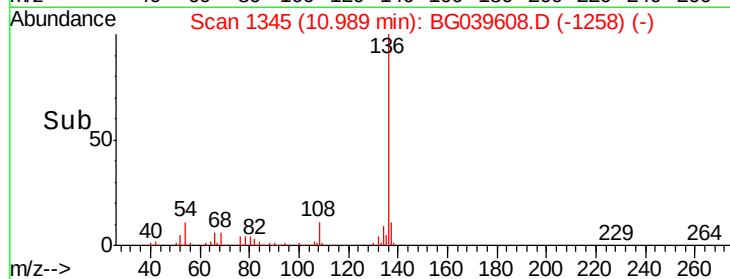
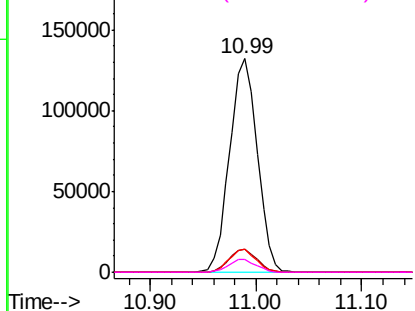
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Instrument :
BNA_G
ClientSampleId :
SB-04

Tot Ion:136	Resp:	239319	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.1	13.7	
54 10.6	9.4	14.2	
68 5.9	4.2	6.4	

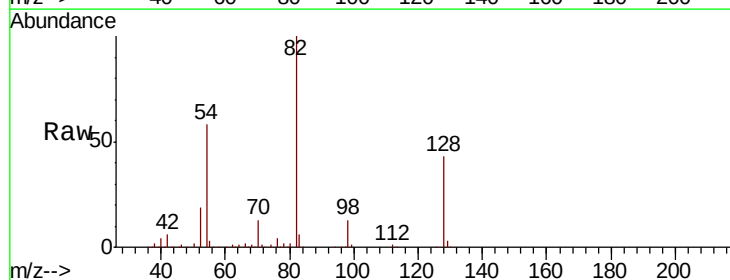


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

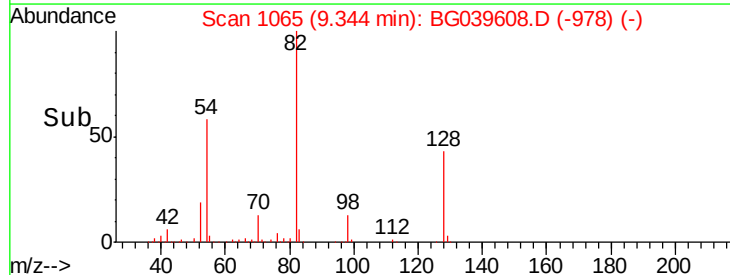
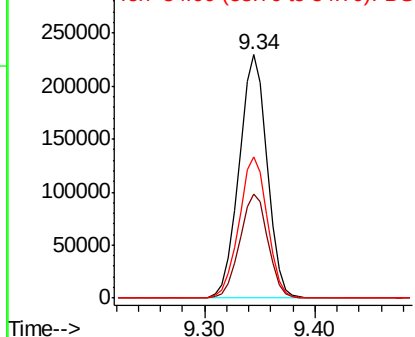


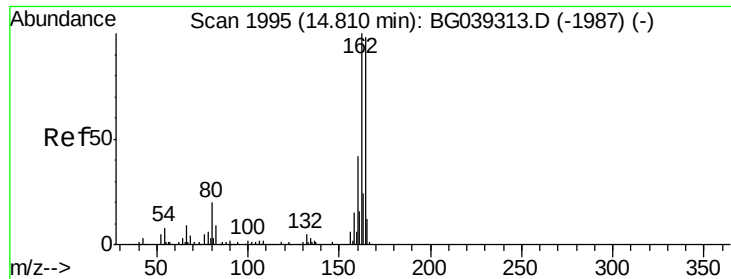
#23
Nitrobenzene-d5
Concen: 106.868 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Tgt	Ion: 82	Resp:	409396
Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.3	46.9
54	58.2	50.9	76.3



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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

Instrument :

BNA_G

ClientSampled :

SB-04

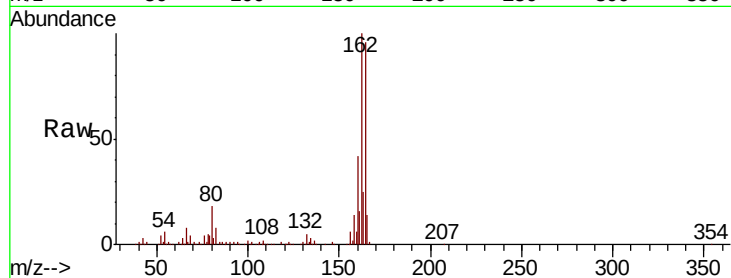
Tot Ion:164 Resp: 161360

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

160 44.2 34.2 51.2

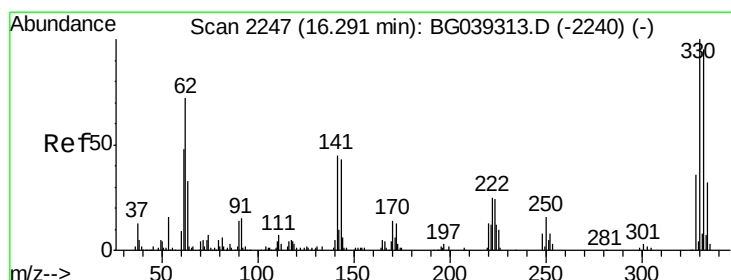
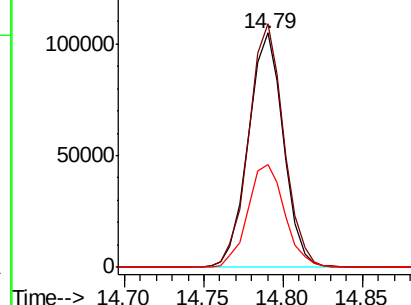
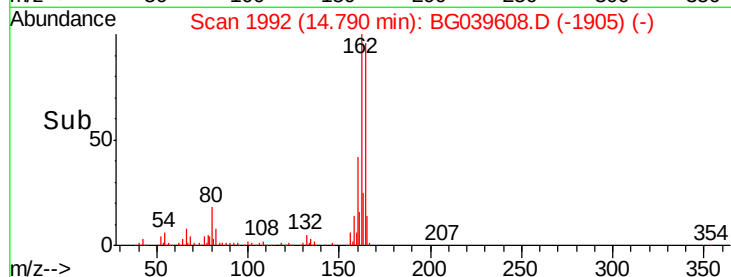


Abundance

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: 156.811 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

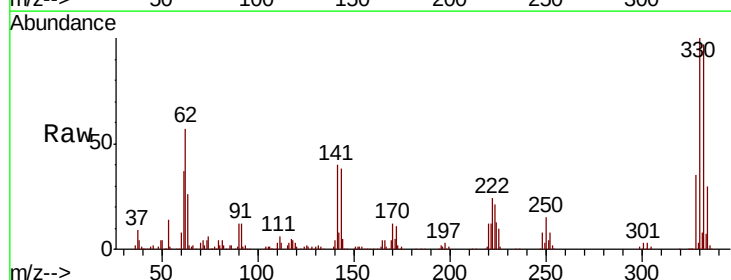
Tgt Ion:330 Resp: 272470

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

141 40.6 35.6 53.4

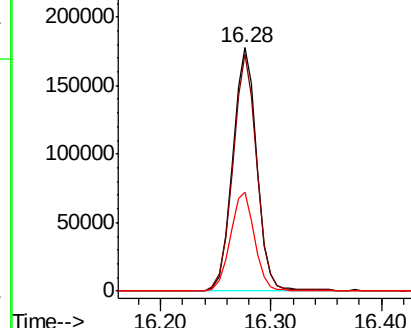
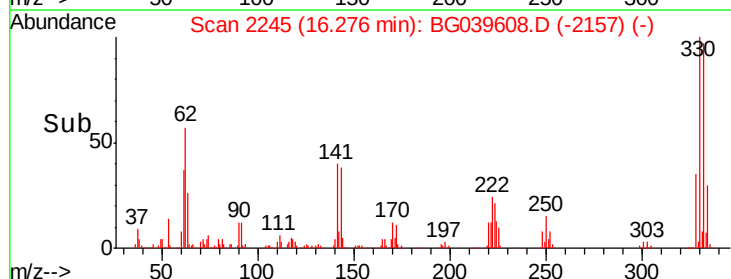


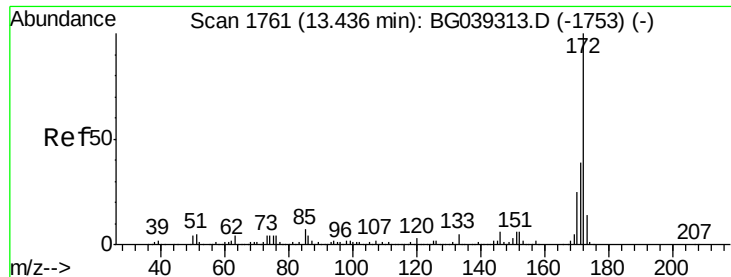
Abundance

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

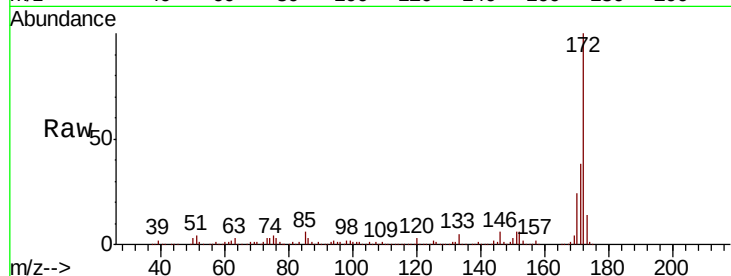




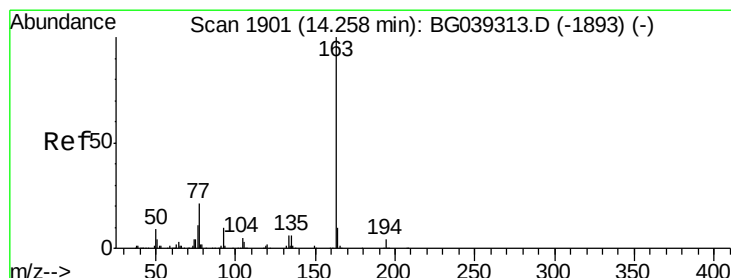
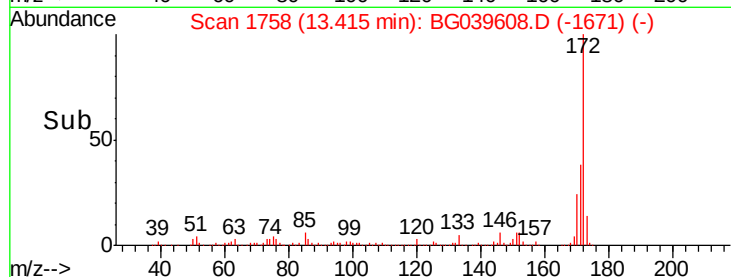
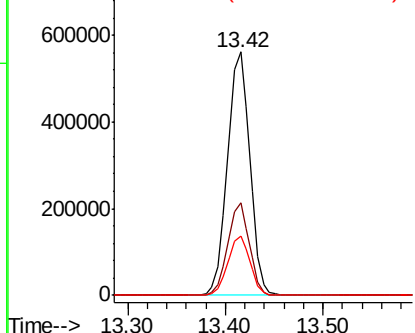
#45
2-Fluorobiphenyl
Concen: 79.485 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Instrument :
BNA_G
ClientSampleId :
SB-04

Tot Ion:172 Resp: 894052
Ion Ratio Lower Upper
172 100
171 37.9 30.8 46.2
170 24.4 20.2 30.4

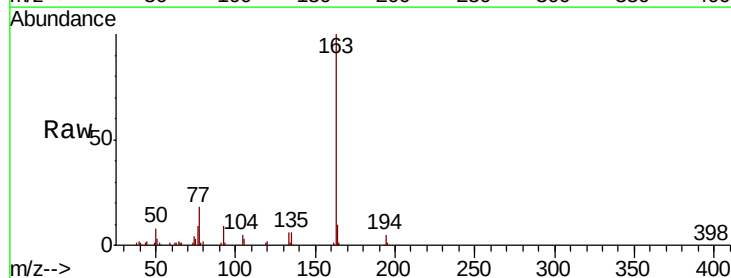


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

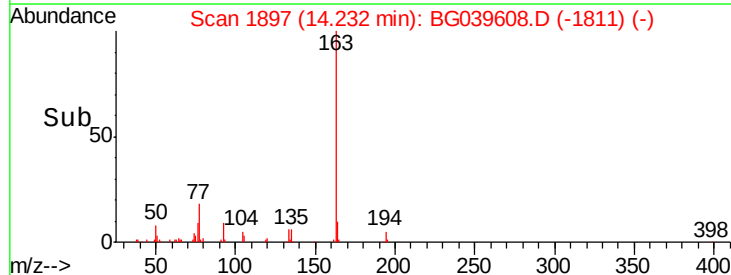
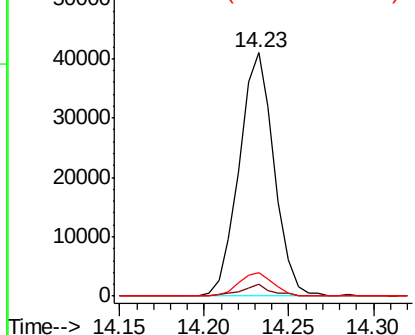


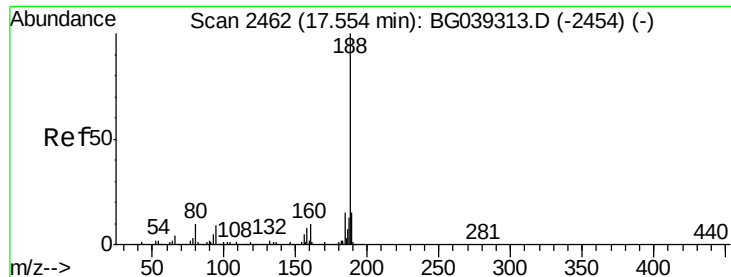
#50
Dimethylphthalate
Concen: 4.523 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039608.D
Acq: 26 Feb 2019 20:00

Tgt Ion:163 Resp: 58943
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 9.6 8.4 12.6



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: 17.53 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

Instrument :

BNA_G

ClientSampleId :

SB-04

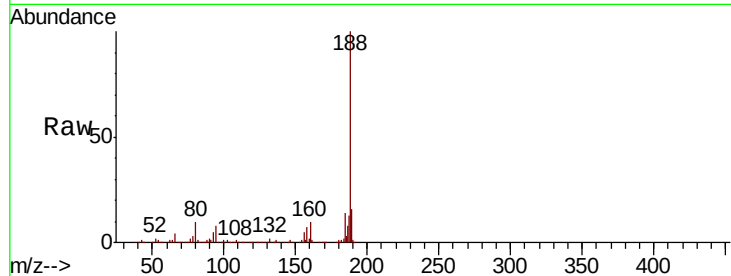
Tot Ion:188 Resp: 405979

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

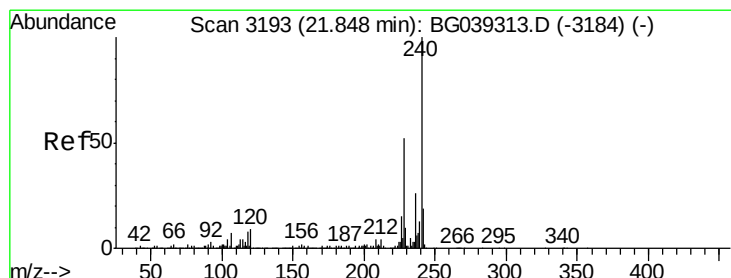
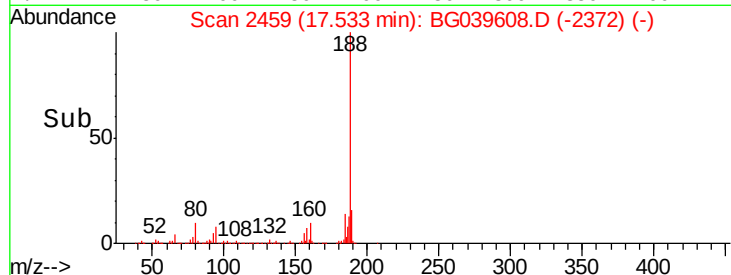
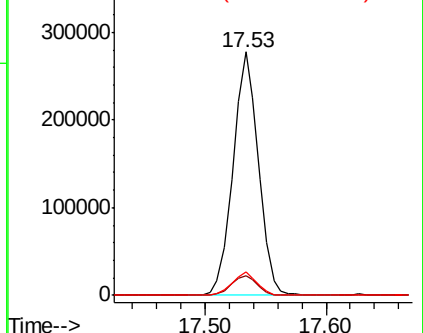
80 9.5 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

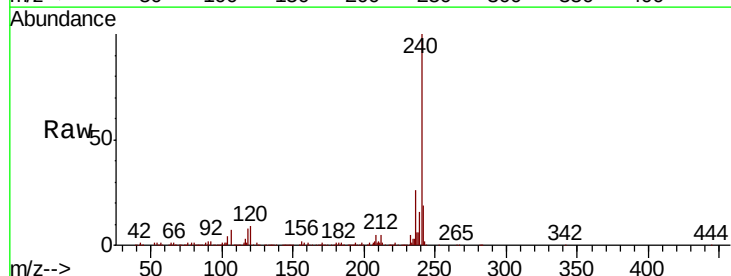
Tgt Ion:240 Resp: 422375

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

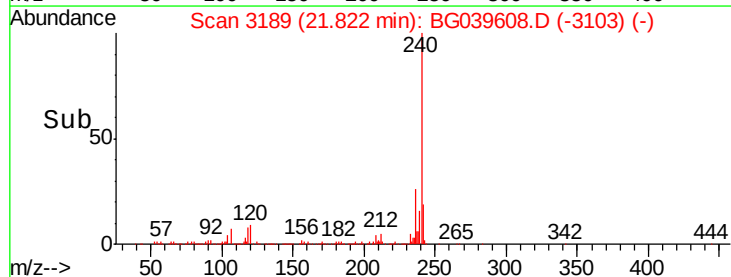
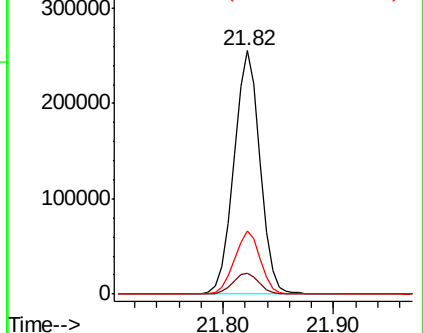
236 25.7 21.0 31.4

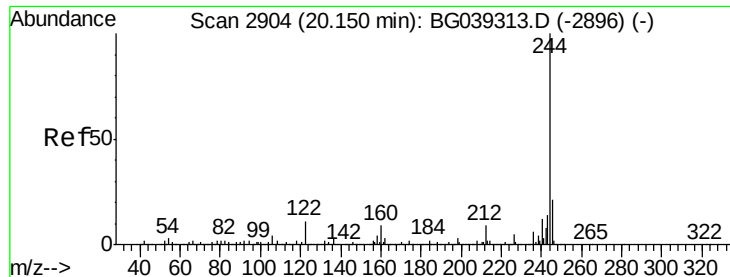


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.055 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

Instrument :

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ClientSampleId :

SB-04

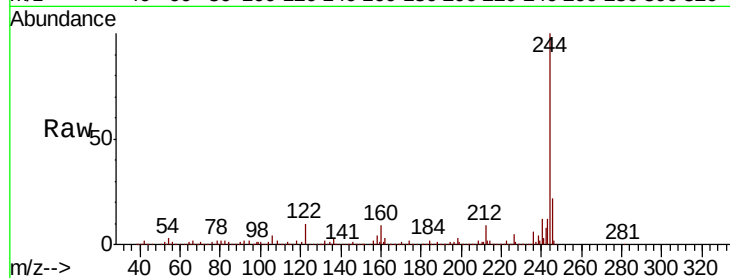
Tot Ion:244 Resp: 1338055

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

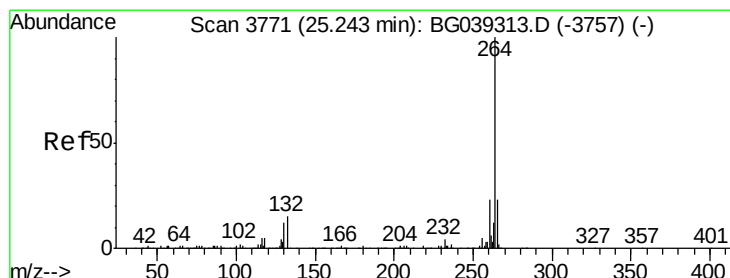
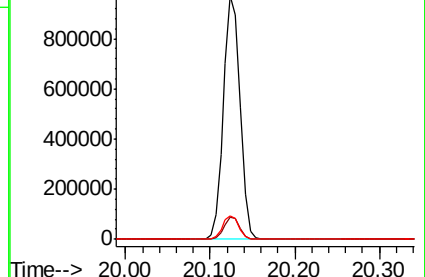
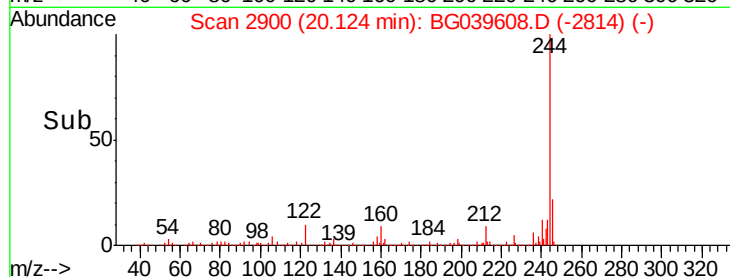
122 9.8 8.4 12.6



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: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039608.D

Acq: 26 Feb 2019 20:00

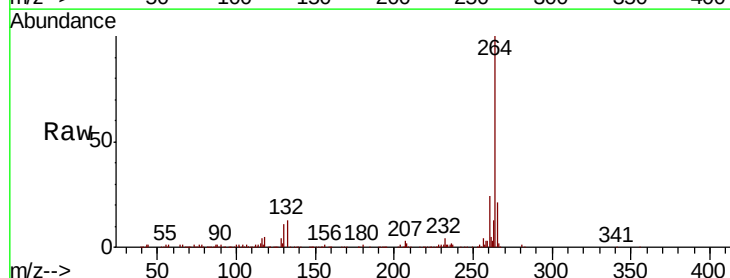
Tgt Ion:264 Resp: 432431

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 21.2 18.5 27.7



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

