

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034781.D
 Acq On : 29 May 2018 17:40
 Operator : SJ/JU
 Sample : J3164-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

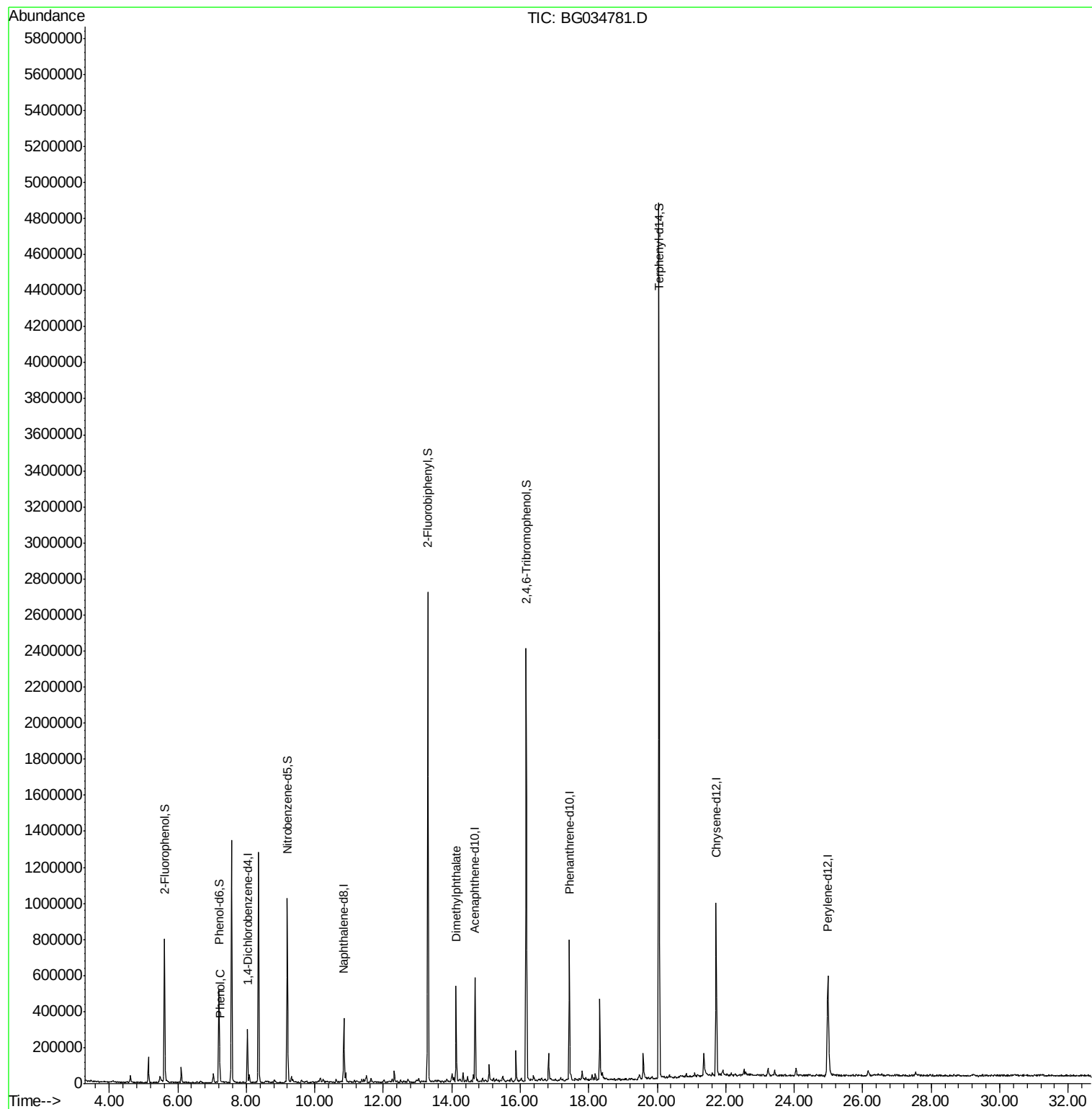
Quant Time: May 30 04:39:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

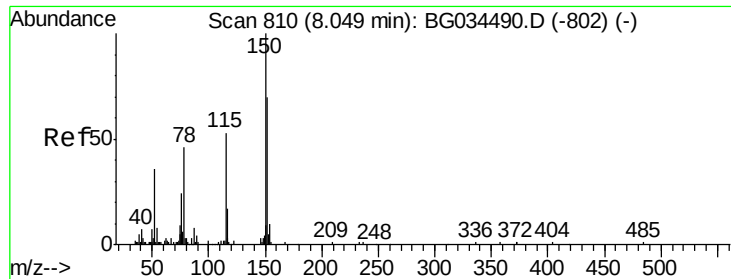
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	83581	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	308554	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	207741	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	529604	20.00	ng	0.00
75) Chrysene-d12	21.72	240	634845	20.00	ng	-0.01
86) Perylene-d12	24.98	264	671514	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	376777	69.43	ng	0.00
7) Phenol-d6	7.20	99	343664	39.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	694768	86.02	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	520802	145.56	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1446174	94.51	ng	0.00
78) Terphenyl-d14	20.05	244	2484590	85.83	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	19588	2.237	ng	94
49) Dimethylphthalate	14.13	163	340967	19.015	ng	98

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

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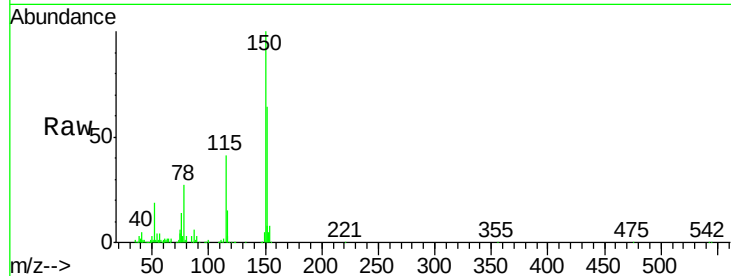




#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	63.6	53.0	79.4

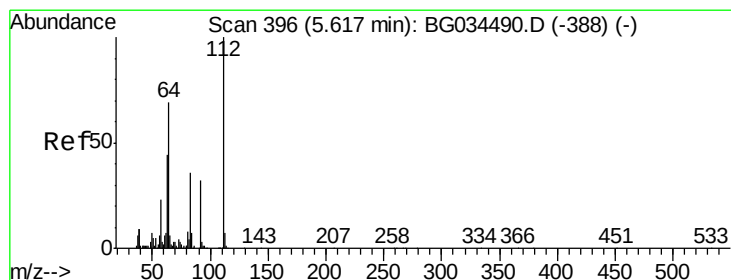
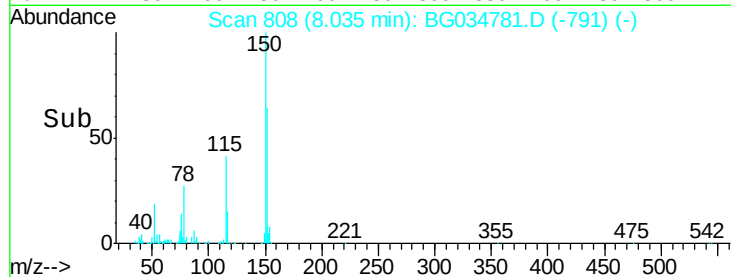
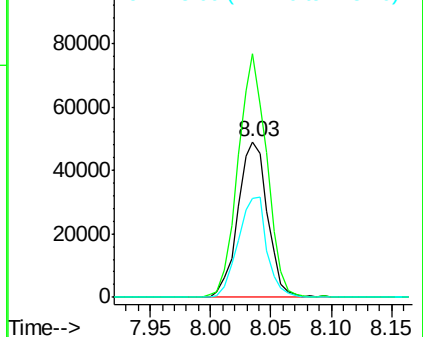


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

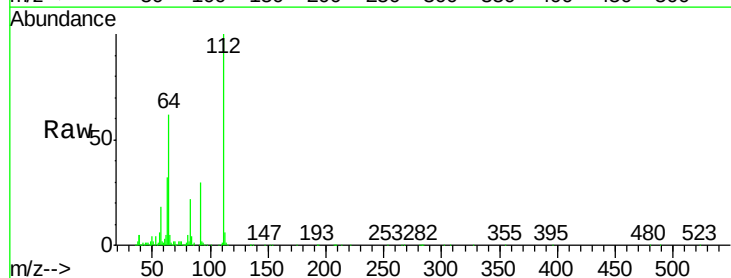
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 69.432 ng
 RT: 5.61 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	32.0	30.1	45.1

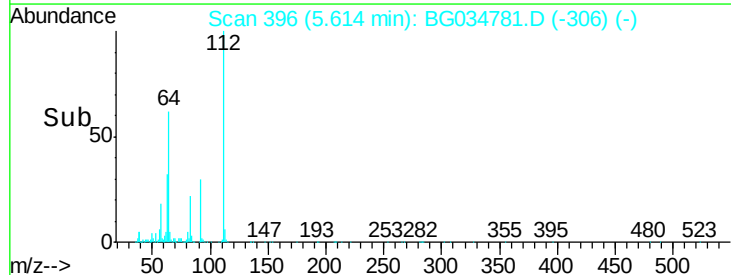
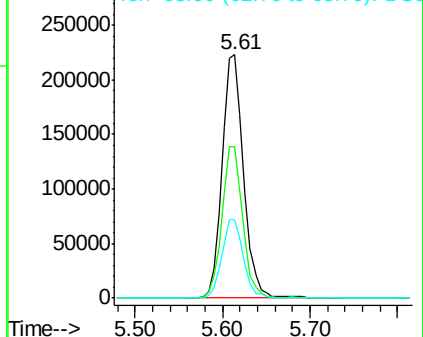


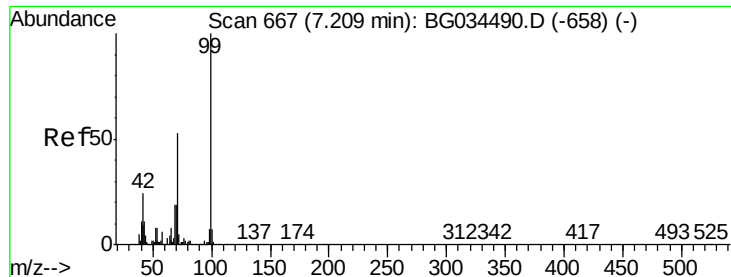
Abundance

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: 39.149 ng

RT: 7.20 min Scan# 666

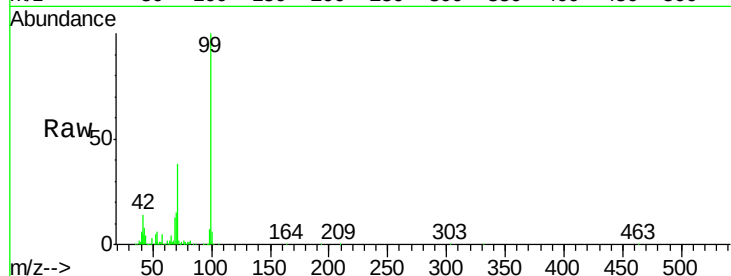
Delta R.T. -0.01 min

Lab File: BG034781.D

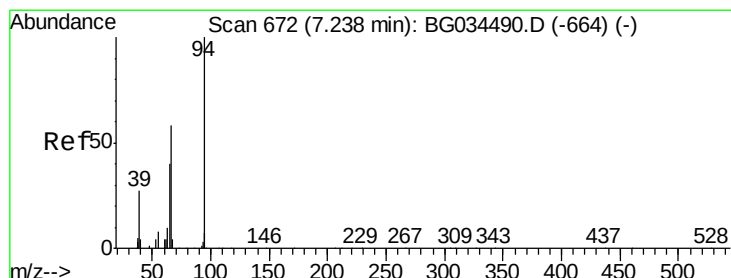
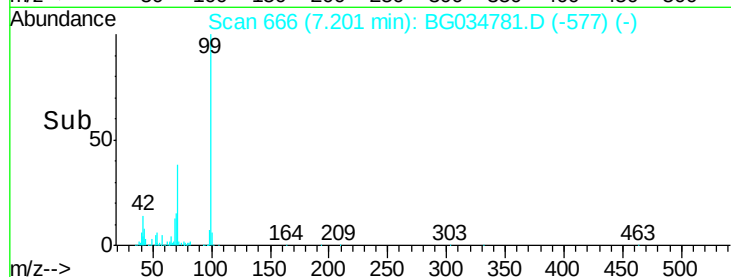
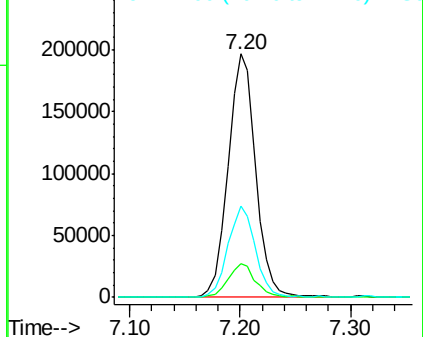
Acq: 29 May 2018 17:40

Tot Ion: 99 Resp: 343664

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.1	21.1#
71	37.6	26.1	39.1



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: 2.237 ng

RT: 7.23 min Scan# 671

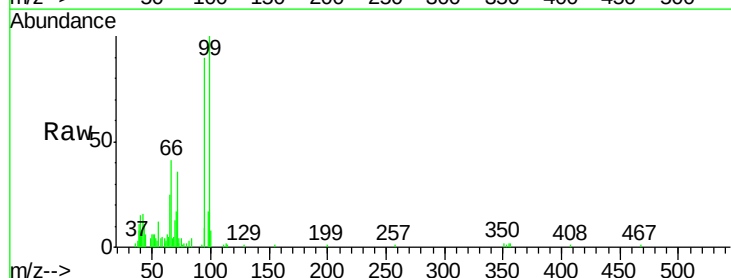
Delta R.T. -0.01 min

Lab File: BG034781.D

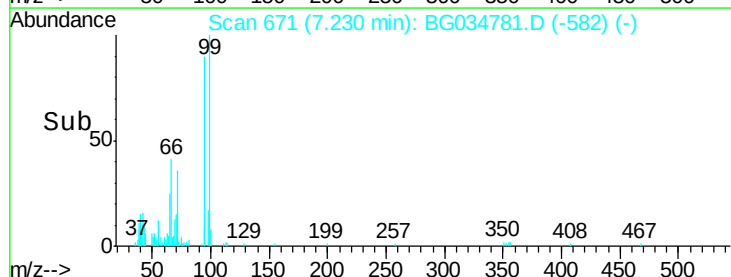
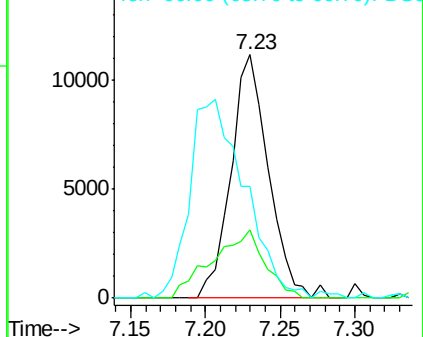
Acq: 29 May 2018 17:40

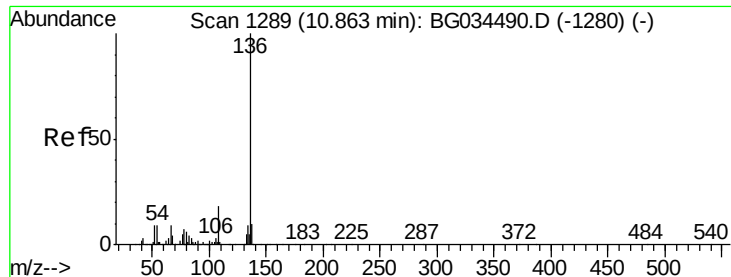
Tgt Ion: 94 Resp: 19588

Ion	Ratio	Lower	Upper
94	100		
65	28.0	11.9	51.9
66	45.9	22.2	62.2



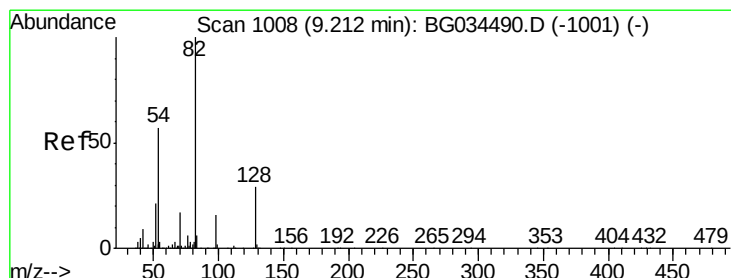
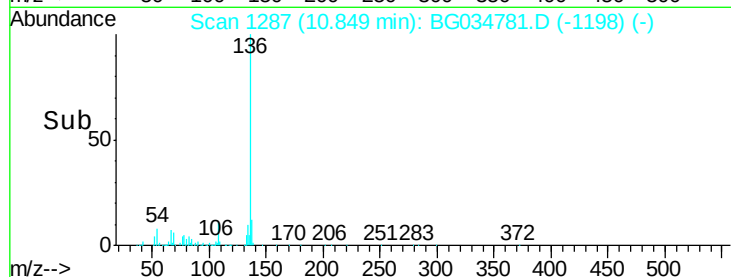
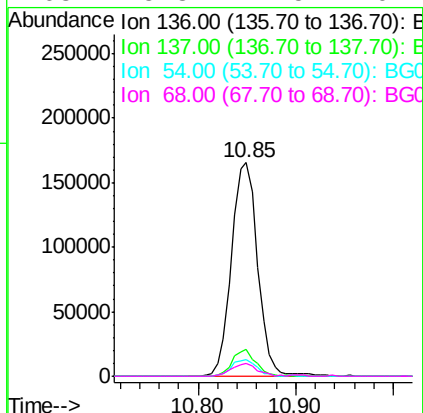
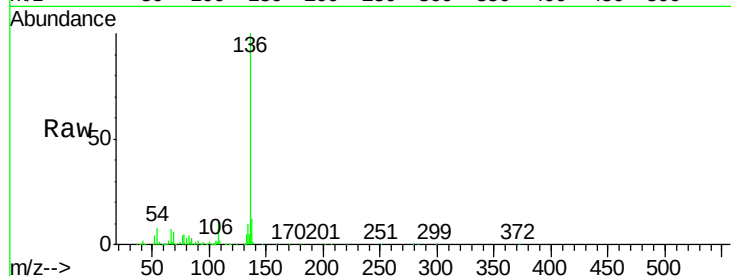
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





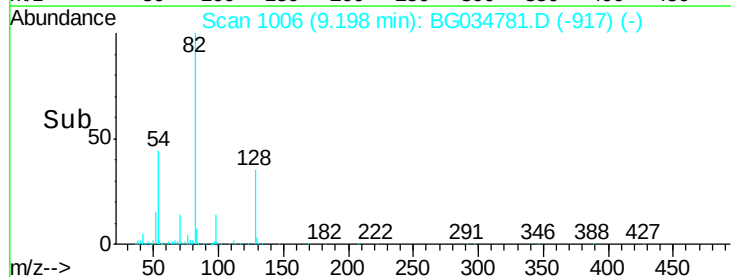
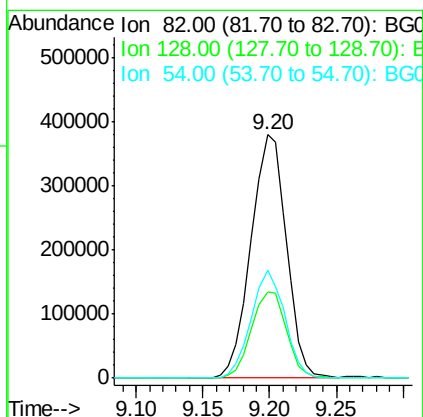
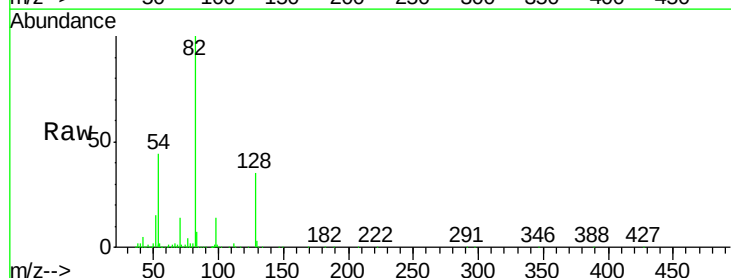
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG034781.D
Acq: 29 May 2018 17:40

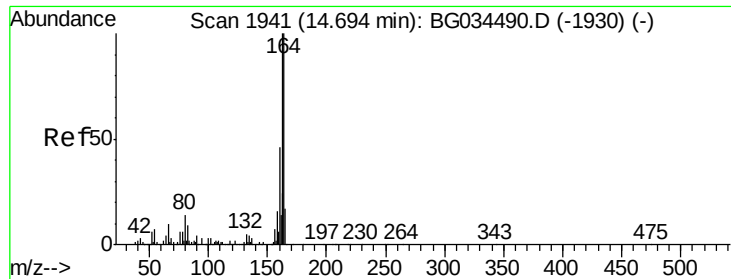
Tot Ion:136	Resp:	308554
Ion	Ratio	Lower Upper
136	100	
137	12.4	9.2 13.8
54	8.1	10.3 15.5#
68	5.8	4.5 6.7



#23
Nitrobenzene-d5
Concen: 86.015 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG034781.D
Acq: 29 May 2018 17:40

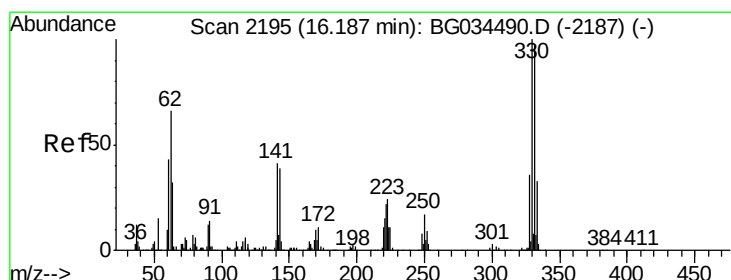
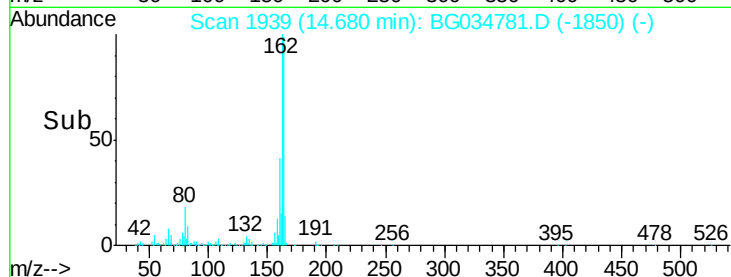
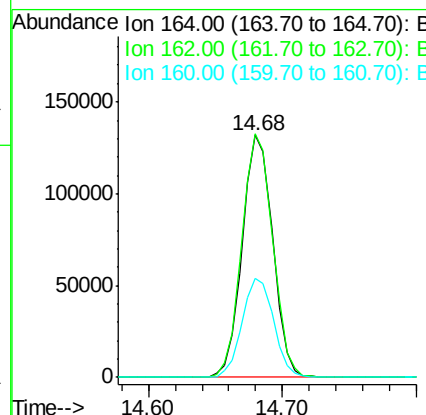
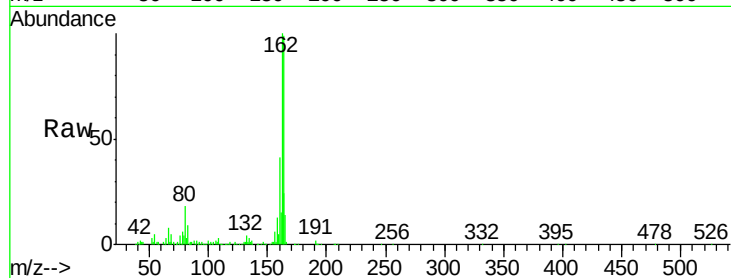
Tgt Ion: 82	Resp:	694768
Ion	Ratio	Lower Upper
82	100	
128	35.5	29.7 44.5
54	44.1	43.1 64.7





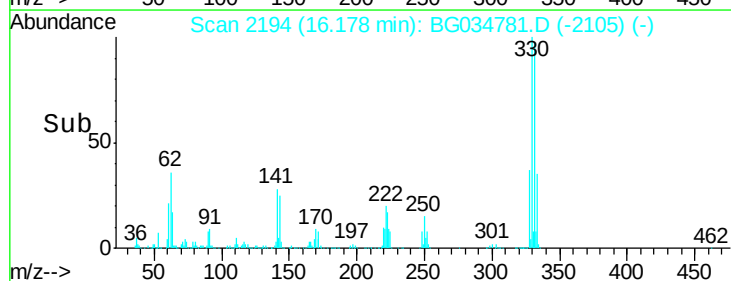
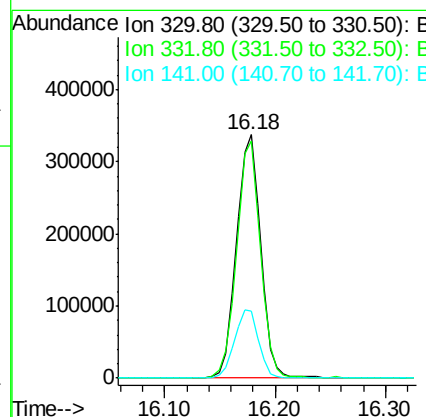
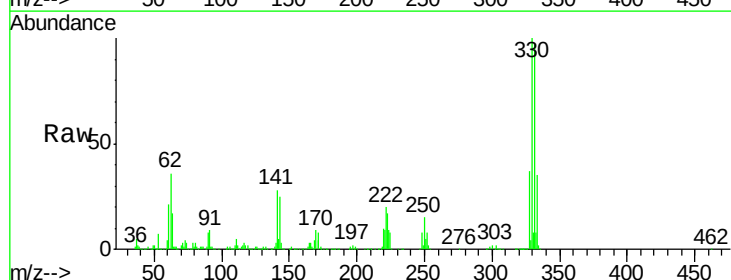
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

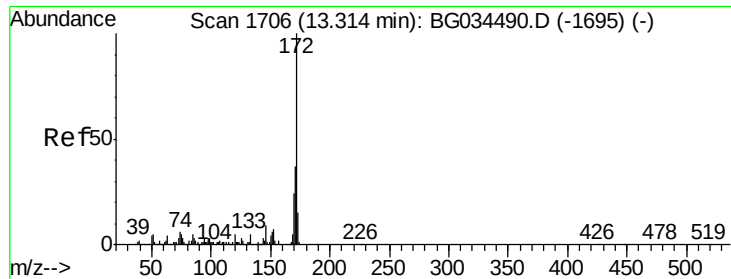
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.8	118.2
160	40.9	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 145.562 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	28.1	25.2	37.8

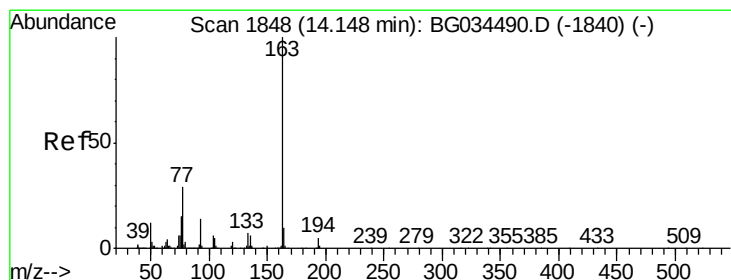
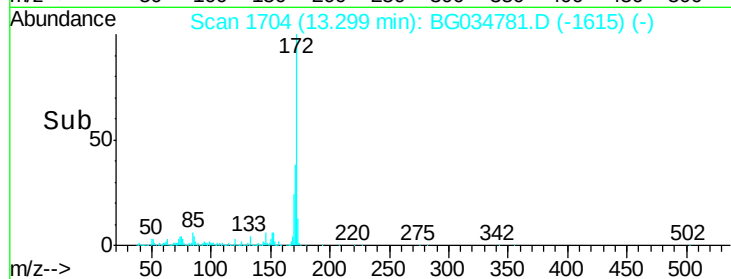
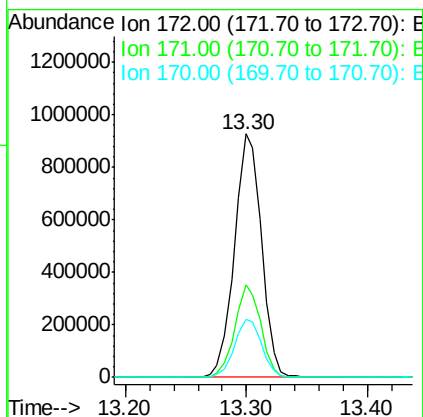
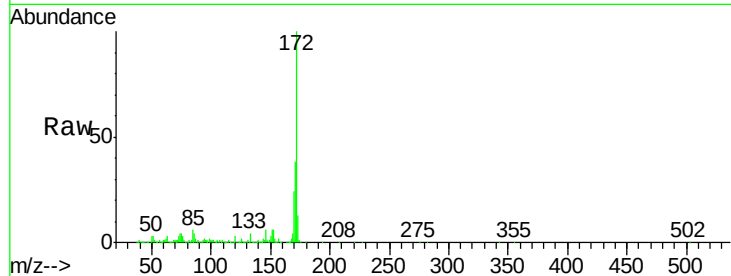




#44
2-Fluorobiphenyl
Concen: 94.510 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG034781.D
Acq: 29 May 2018 17:40

Tot Ion:172 Resp: 1446174

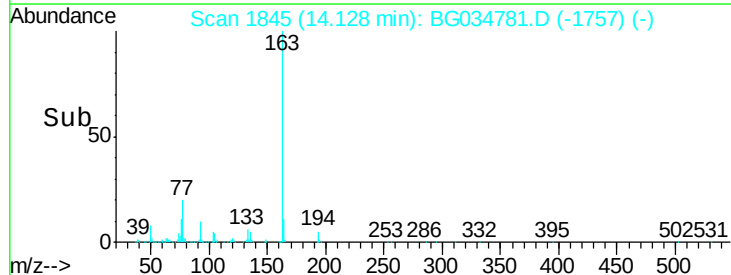
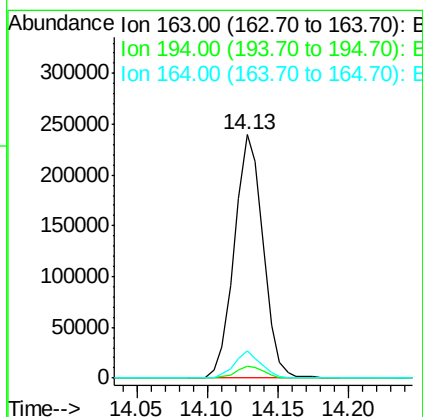
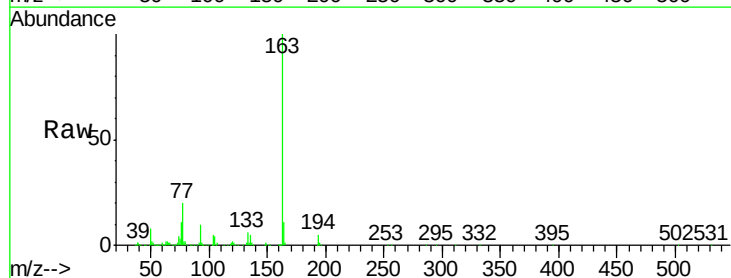
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.8	19.5	29.3

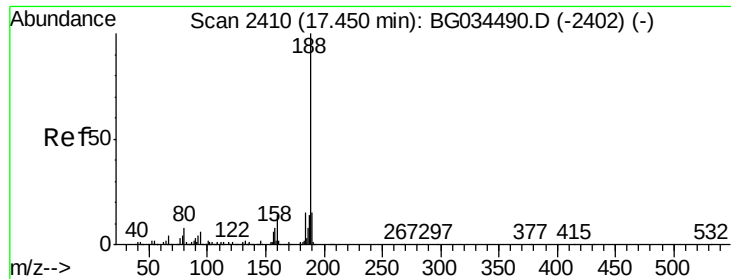


#49
Dimethylphthalate
Concen: 19.015 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG034781.D
Acq: 29 May 2018 17:40

Tgt Ion:163 Resp: 340967

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.2
164	11.0	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2408

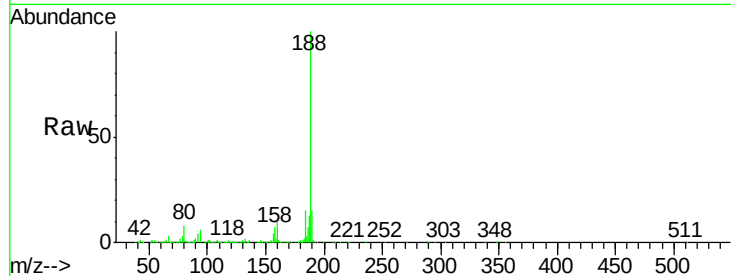
Delta R.T. -0.01 min

Lab File: BG034781.D

Acq: 29 May 2018 17:40

Tot Ion:188 Resp: 529604

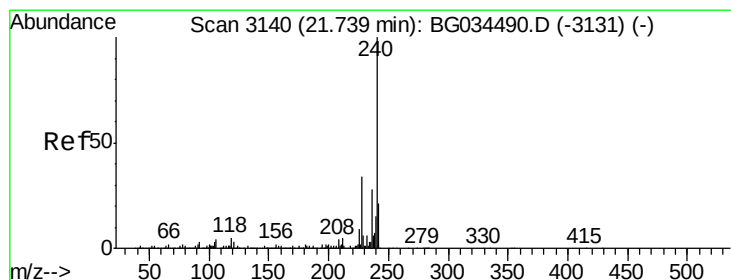
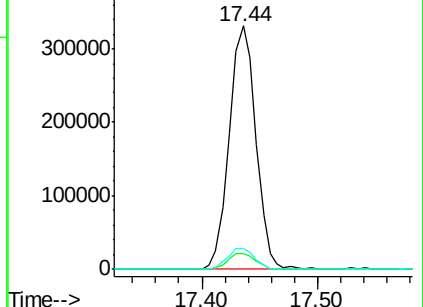
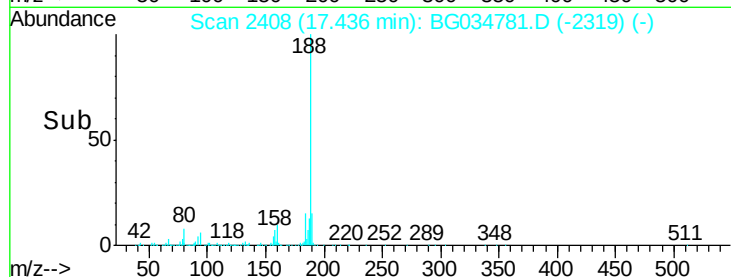
Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	8.4	7.7	11.5



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3138

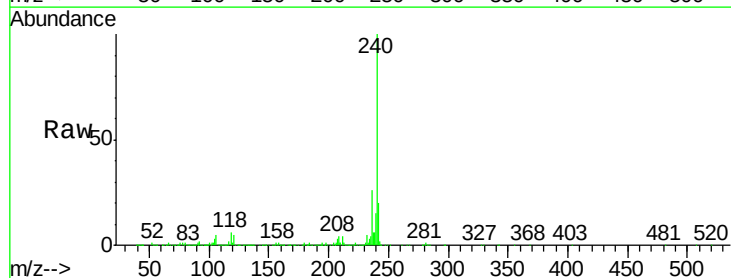
Delta R.T. -0.01 min

Lab File: BG034781.D

Acq: 29 May 2018 17:40

Tgt Ion:240 Resp: 634845

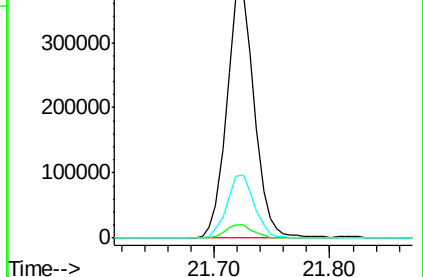
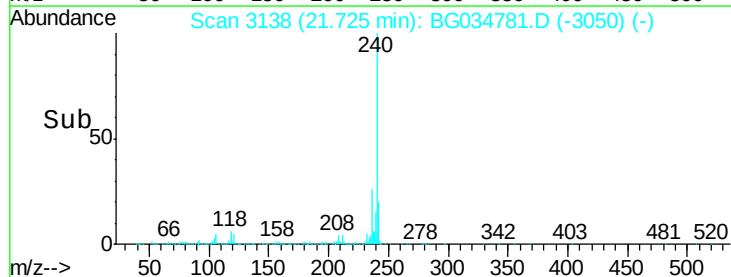
Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	26.1	20.9	31.3

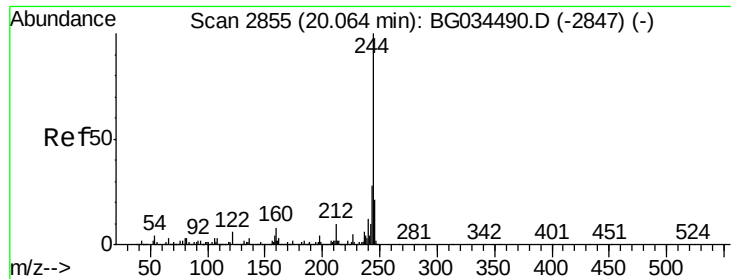


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.826 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG034781.D

Acq: 29 May 2018 17:40

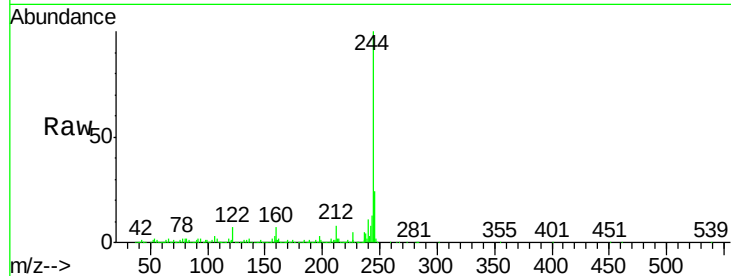
Tot Ion:244 Resp: 2484590

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

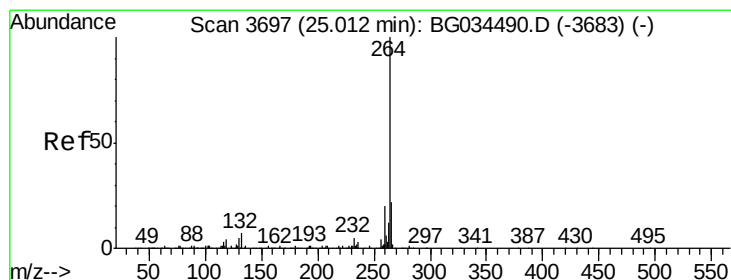
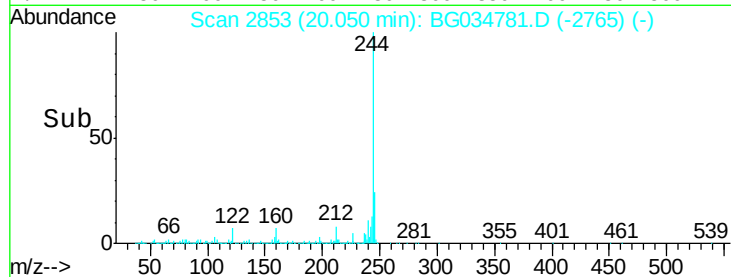
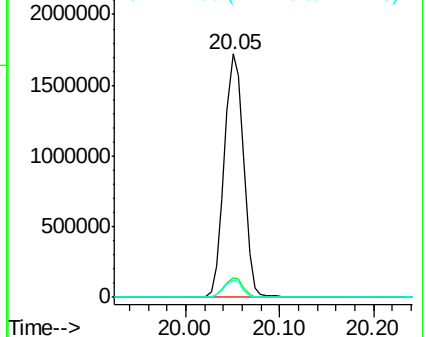
122 7.2 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3692

Delta R.T. -0.02 min

Lab File: BG034781.D

Acq: 29 May 2018 17:40

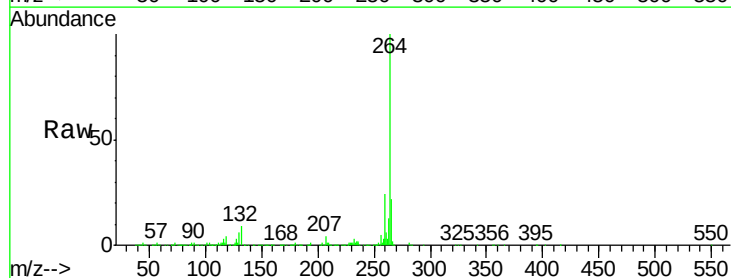
Tgt Ion:264 Resp: 671514

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.3 17.7 26.5



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

