

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039745.D
 Acq On : 5 Mar 2019 00:03
 Operator : JU/SJ
 Sample : K1705-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-B002-022719

Quant Time: Mar 05 06:50:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

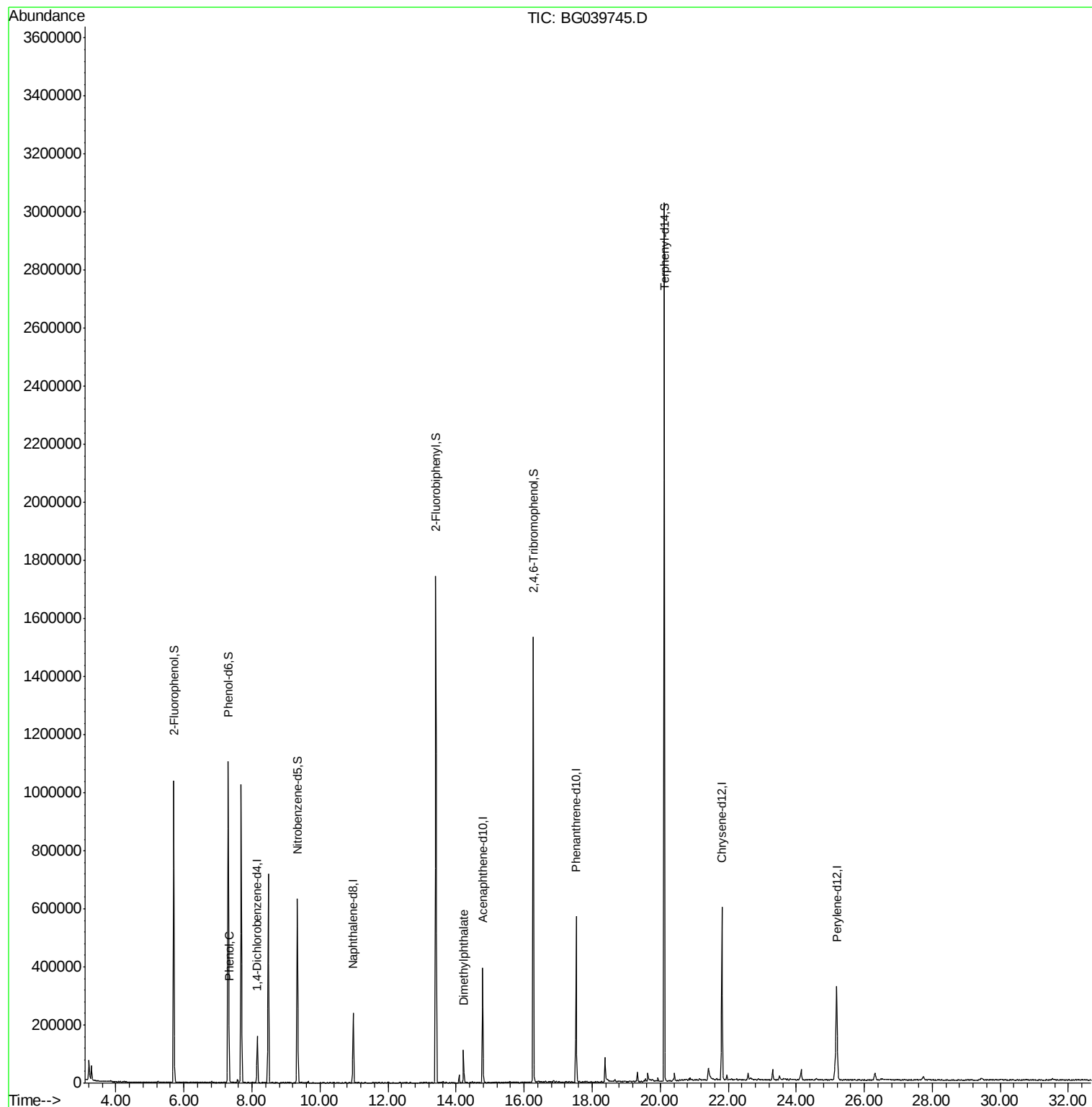
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44995	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	202123	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	138948	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	351345	20.00	ng	0.00
76) Chrysene-d12	21.82	240	368064	20.00	ng	-0.01
87) Perylene-d12	25.19	264	369893	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	439705	166.72	ng	0.00
7) Phenol-d6	7.30	99	648195	164.83	ng	-0.01
23) Nitrobenzene-d5	9.33	82	384089	102.77	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	267618	165.24	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	916127	93.88	ng	-0.01
79) Terphenyl-d14	20.12	244	1420180	84.96	ng	0.00
Target Compounds						
10) Phenol	7.33	94	8970	2.106	ng	Qvalue 87
50) Dimethylphthalate	14.22	163	76770	6.607	ng	# 98

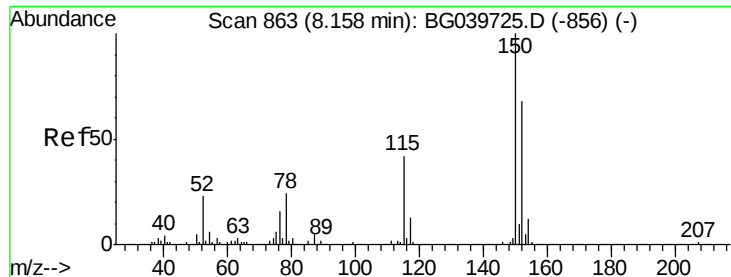
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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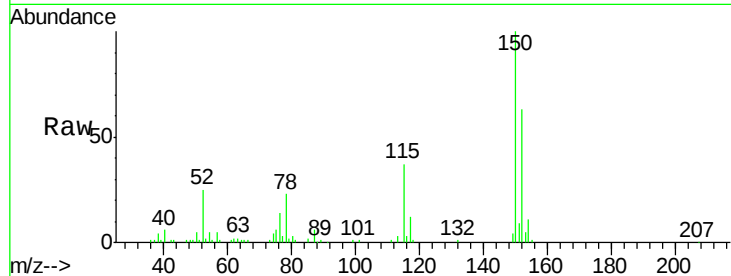


#1

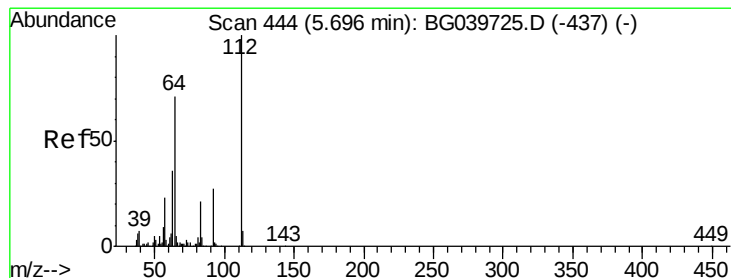
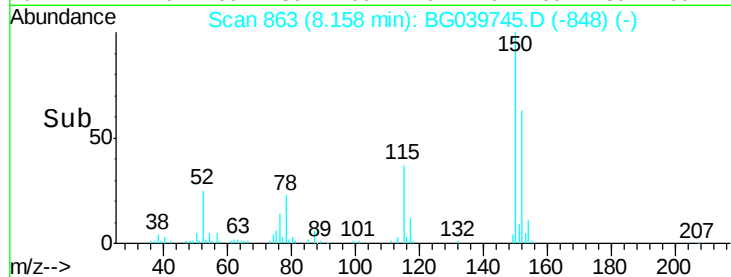
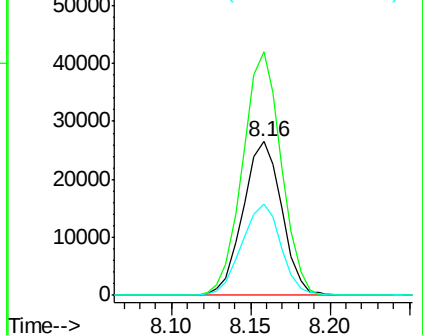
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Tgt Ion:152 Resp: 44995
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 59.2 45.9 68.9



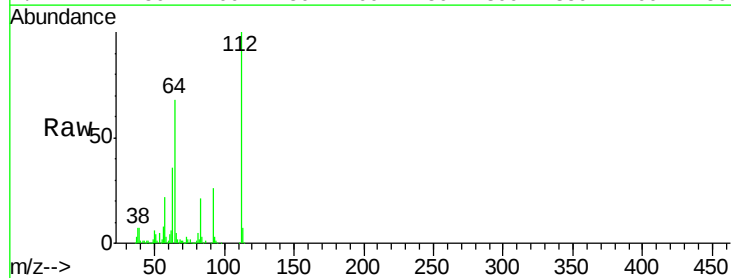
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



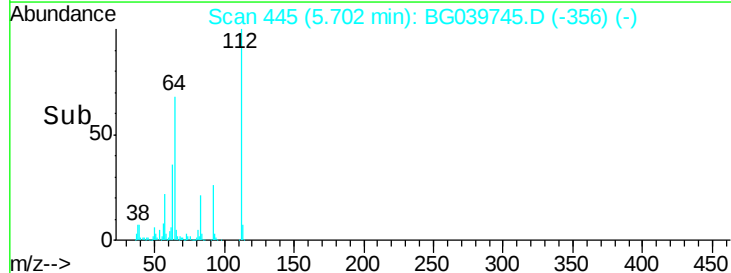
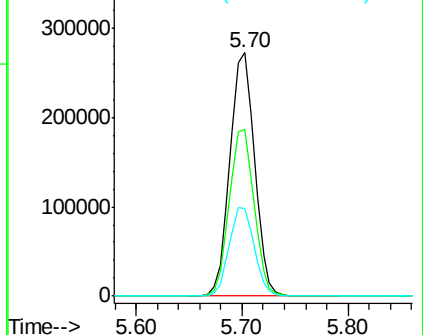
#5

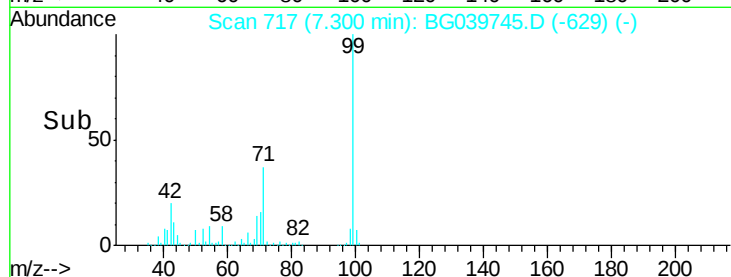
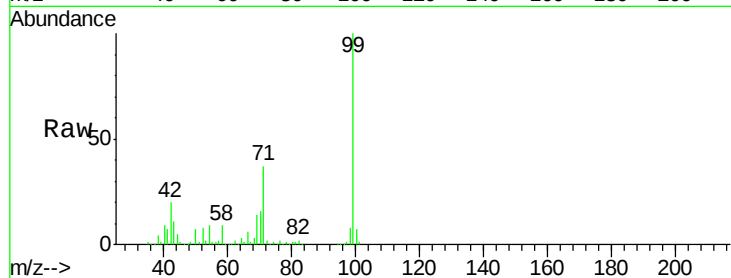
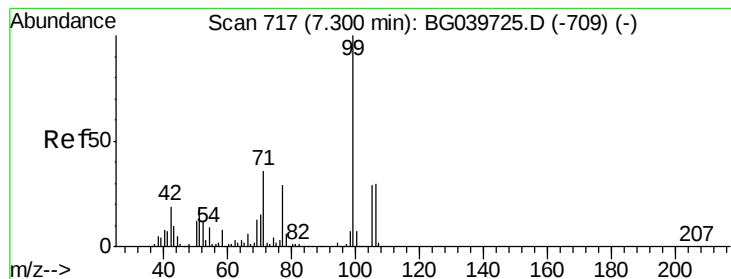
2-Fluorophenol
Concen: 166.716 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion:112 Resp: 439705
Ion Ratio Lower Upper
112 100
64 68.3 57.8 86.8
63 36.1 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: 164.827 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039745.D

Acq: 5 Mar 2019 00:03

Instrument :

BNA_G

ClientSampleId :

PST-028-B002-022719

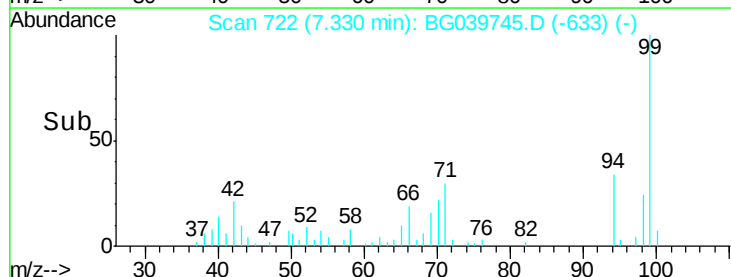
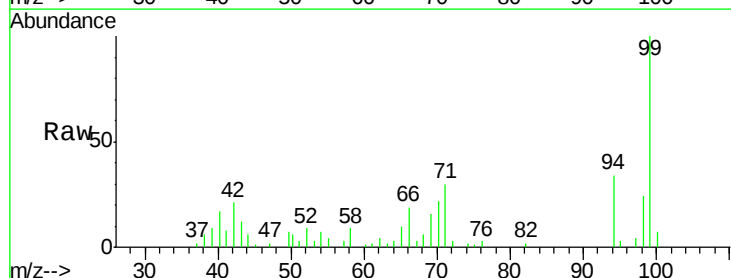
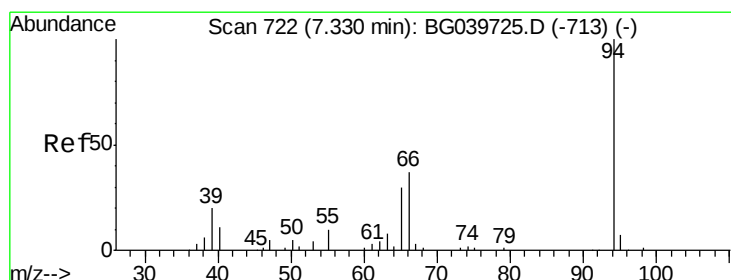
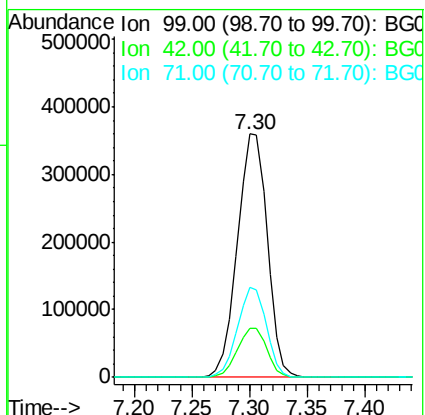
Tgt Ion: 99 Resp: 648195

Ion Ratio Lower Upper

99 100

42 20.0 18.2 27.2

71 37.1 28.0 42.0



#10

Phenol

Concen: 2.106 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039745.D

Acq: 5 Mar 2019 00:03

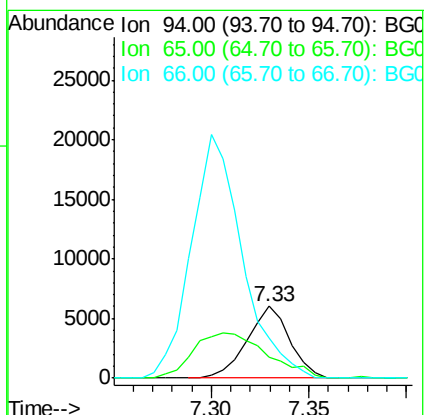
Tgt Ion: 94 Resp: 8970

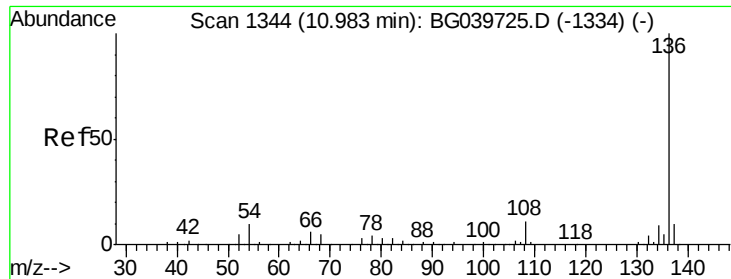
Ion Ratio Lower Upper

94 100

65 29.5 11.7 51.7

66 56.4 23.7 63.7

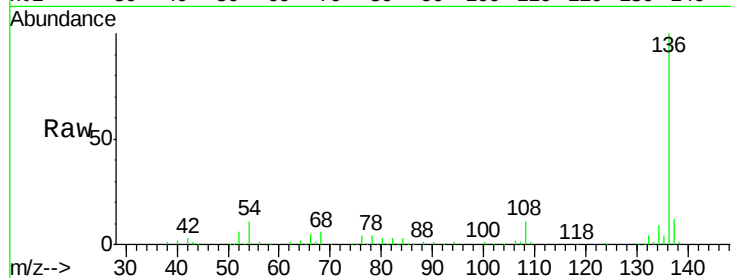




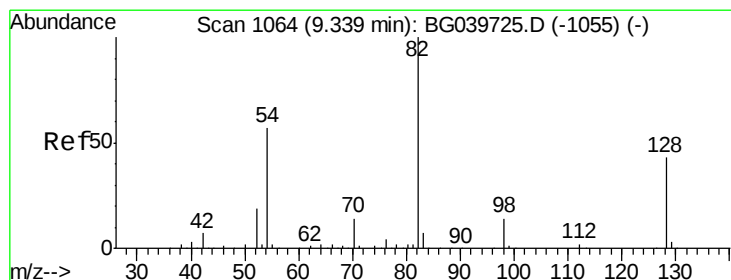
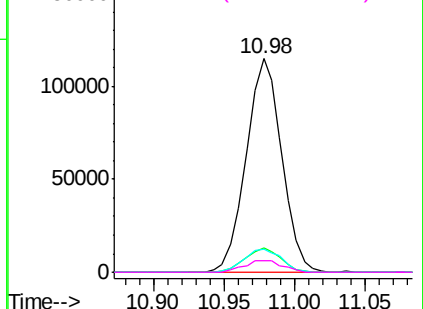
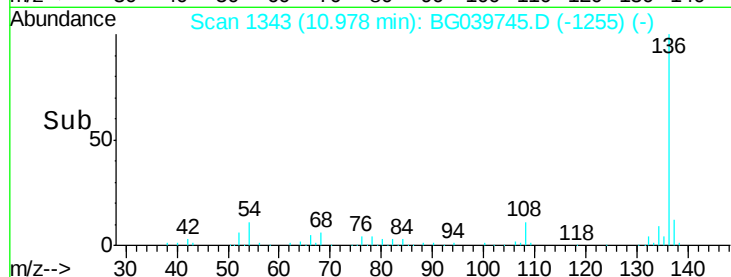
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Instrument :
BNA_G
ClientSampleId :
PST-028-B002-022719

Tgt Ion:	136	Resp:	202123
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.7	9.4	14.2
68	5.7	4.2	6.4

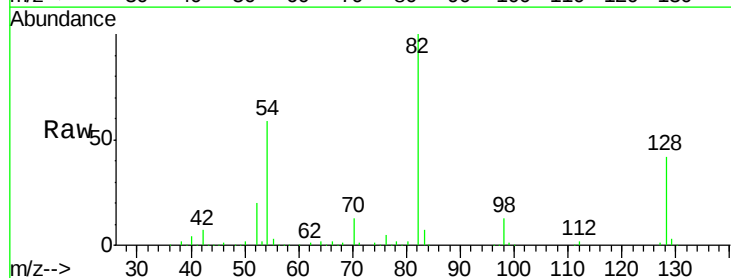


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

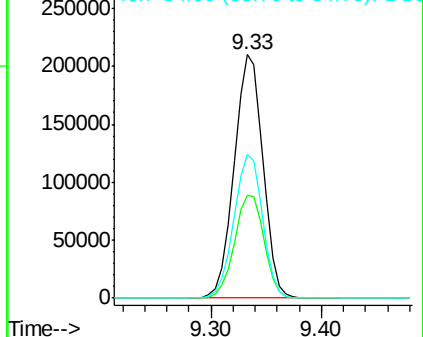
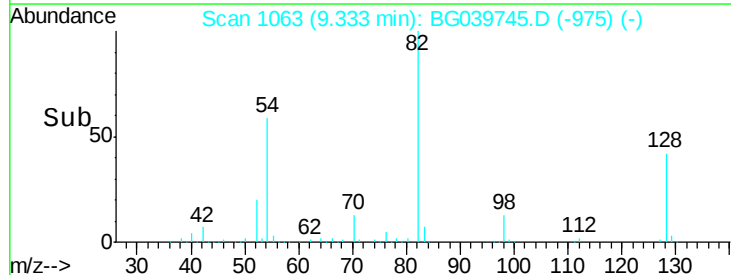


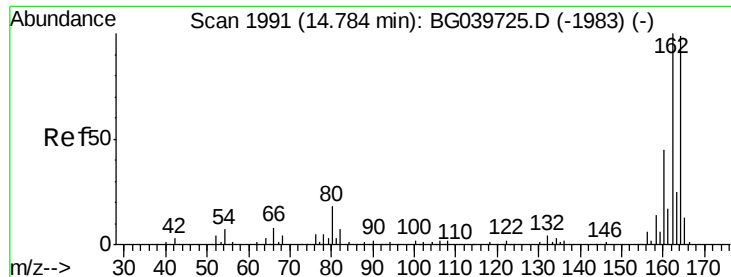
#23
Nitrobenzene-d5
Concen: 102.774 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion:	82	Resp:	384089
Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	59.1	50.9	76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039745.D

Acq: 5 Mar 2019 00:03

Instrument :

BNA_G

ClientSampleId :

PST-028-B002-022719

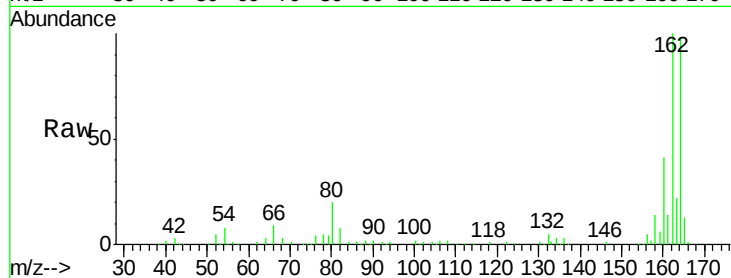
Tgt Ion:164 Resp: 138948

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

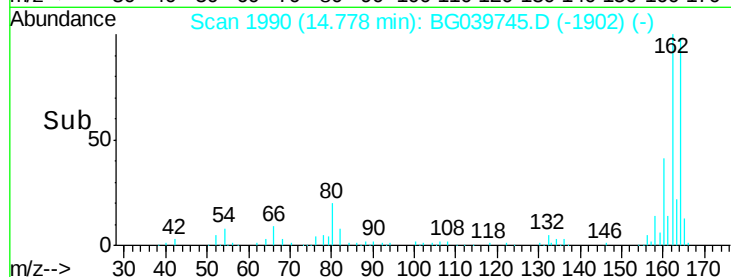
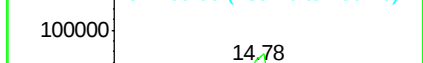
160 41.8 34.2 51.2



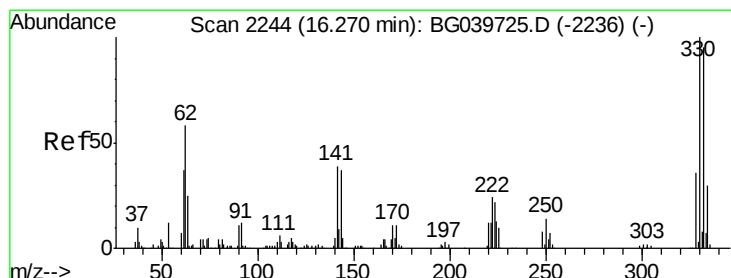
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Abundance



#42

2,4,6-Tribromophenol

Concen: 165.243 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039745.D

Acq: 5 Mar 2019 00:03

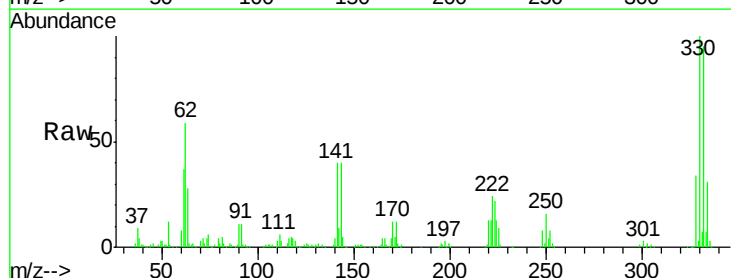
Tgt Ion:330 Resp: 267618

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

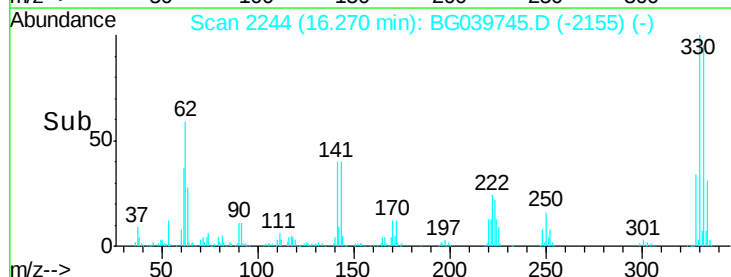
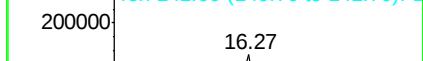
141 42.1 35.6 53.4



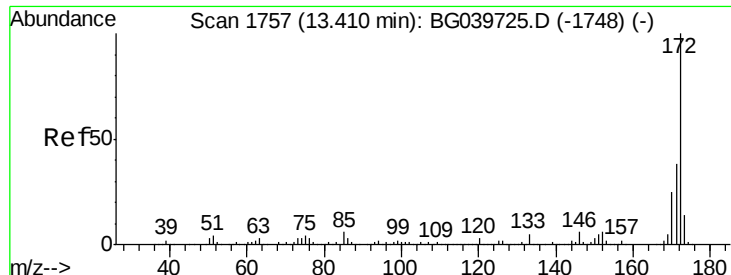
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



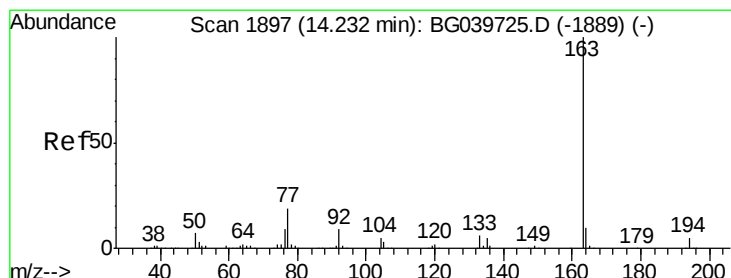
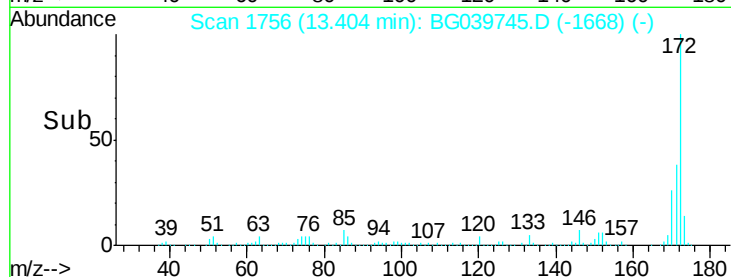
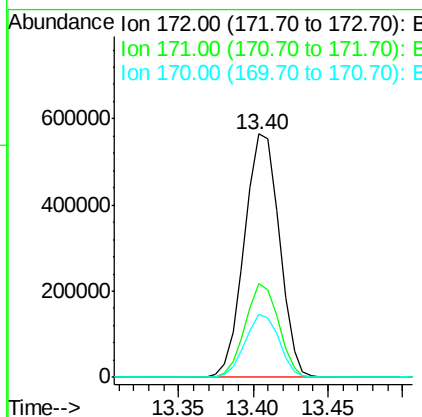
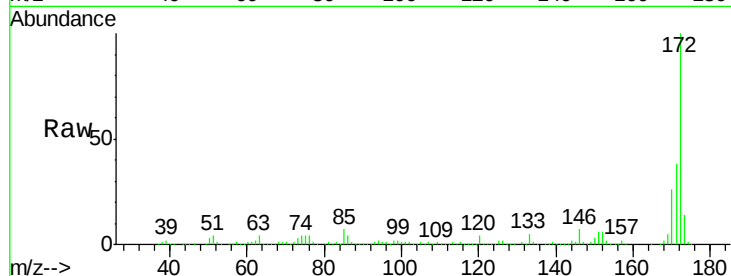
Abundance



#45
2-Fluorobiphenyl
Concen: 93.877 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

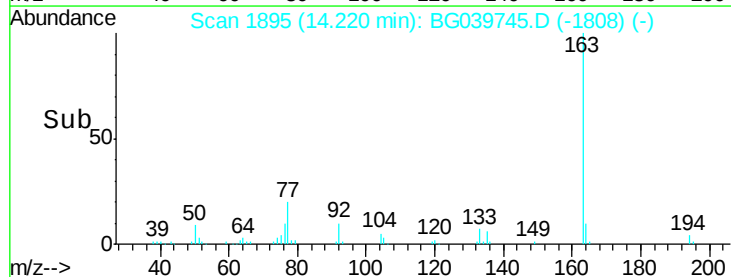
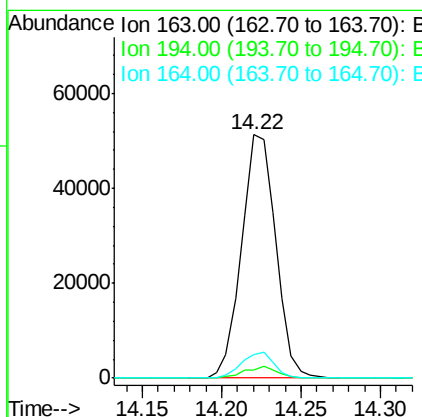
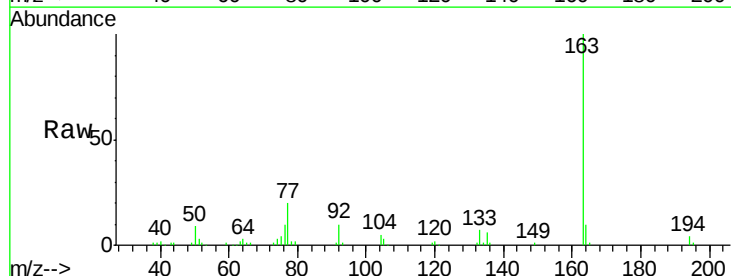
Instrument :
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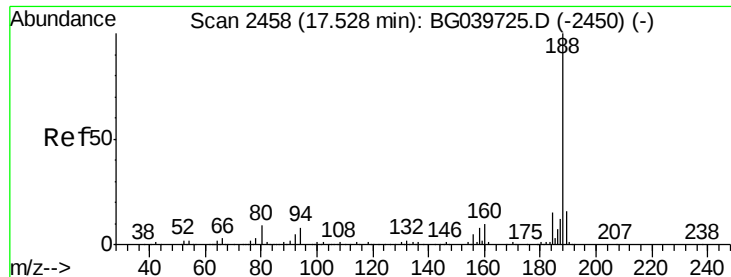
Tgt Ion:172 Resp: 916127
Ion Ratio Lower Upper
172 100
171 38.4 30.8 46.2
170 25.7 20.2 30.4



#50
Dimethylphthalate
Concen: 6.607 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039745.D
Acq: 5 Mar 2019 00:03

Tgt Ion:163 Resp: 76770
Ion Ratio Lower Upper
163 100
194 3.6 3.6 5.4#
164 9.8 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039745.D

Acq: 5 Mar 2019 00:03

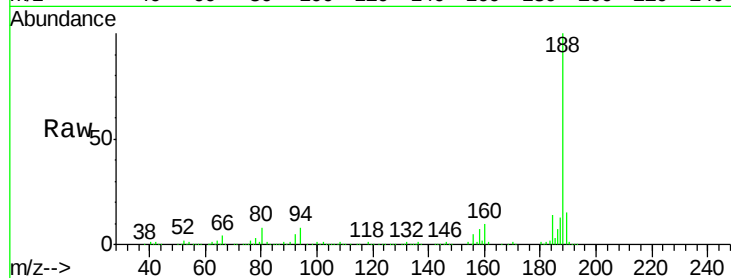
Instrument :

BNA_G

ClientSampleId :

PST-028-B002-022719

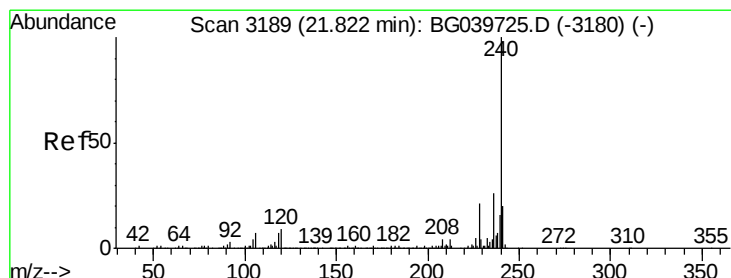
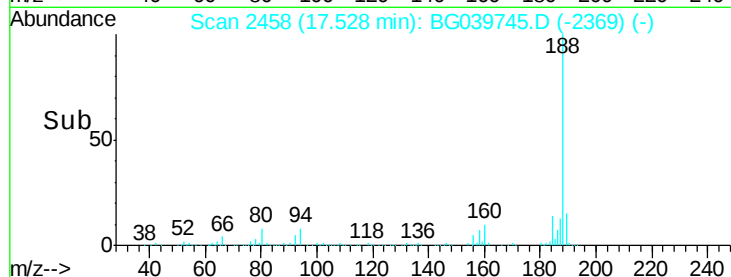
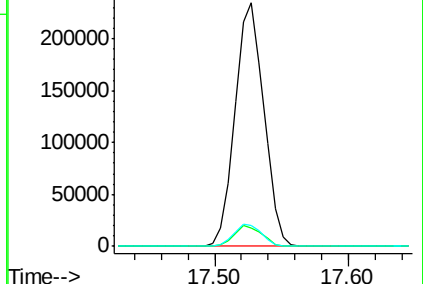
Tgt Ion:	188	Resp:	351345
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.5	8.1	12.1



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

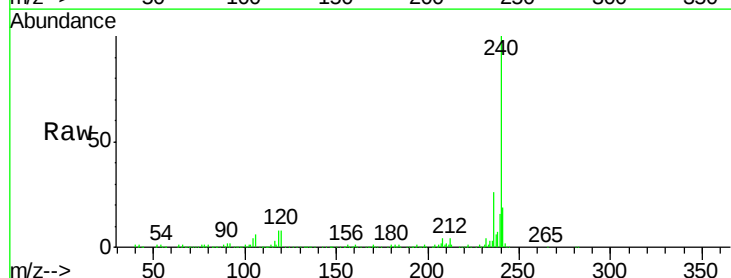
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039745.D

Acq: 5 Mar 2019 00:03

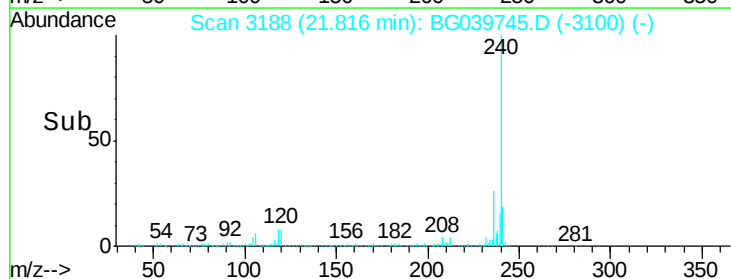
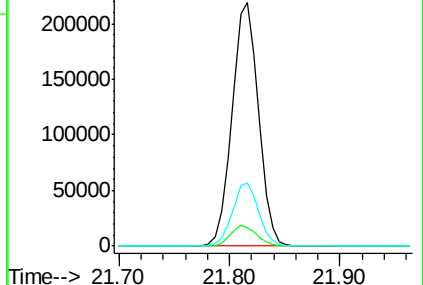
Tgt Ion:	240	Resp:	368064
Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.0	10.6
236	26.0	21.0	31.4

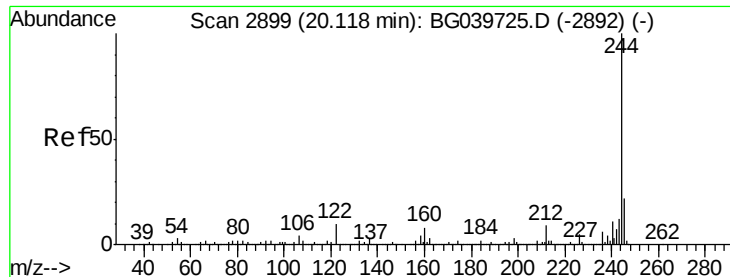


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.957 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039745.D

Acq: 5 Mar 2019 00:03

Instrument :

BNA_G

ClientSampleId :

PST-028-B002-022719

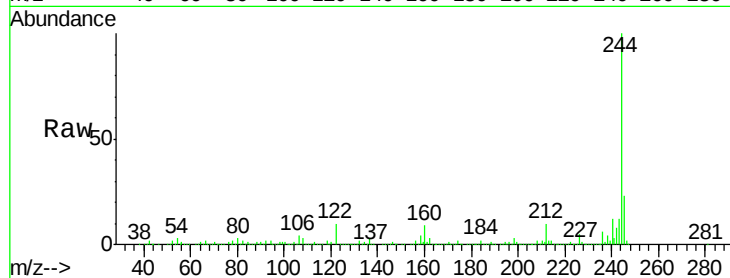
Tgt Ion:244 Resp: 1420180

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

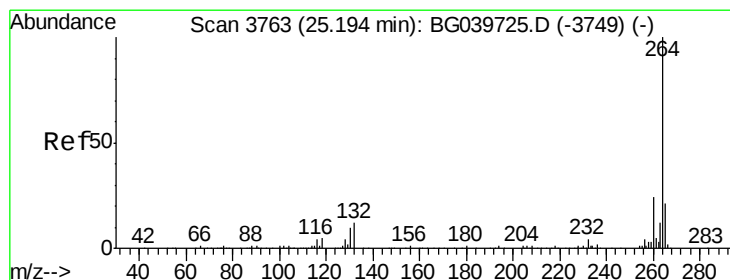
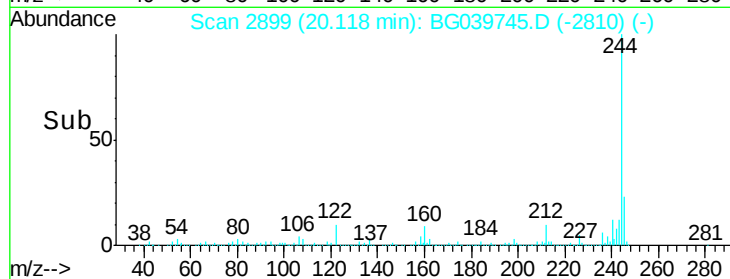
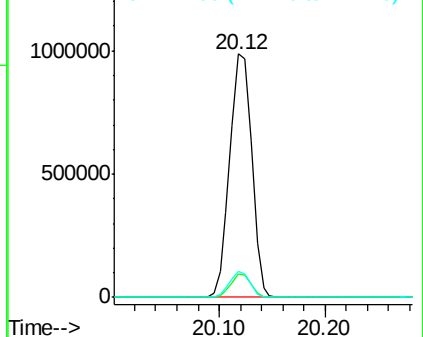
122 10.5 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039745.D

Acq: 5 Mar 2019 00:03

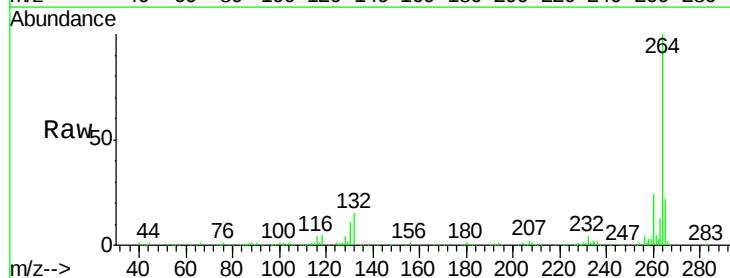
Tgt Ion:264 Resp: 369893

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 22.1 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

