

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040532.D
 Acq On : 17 Apr 2019 16:28
 Operator : JU/SJ
 Sample : PB118938BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 01:23:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

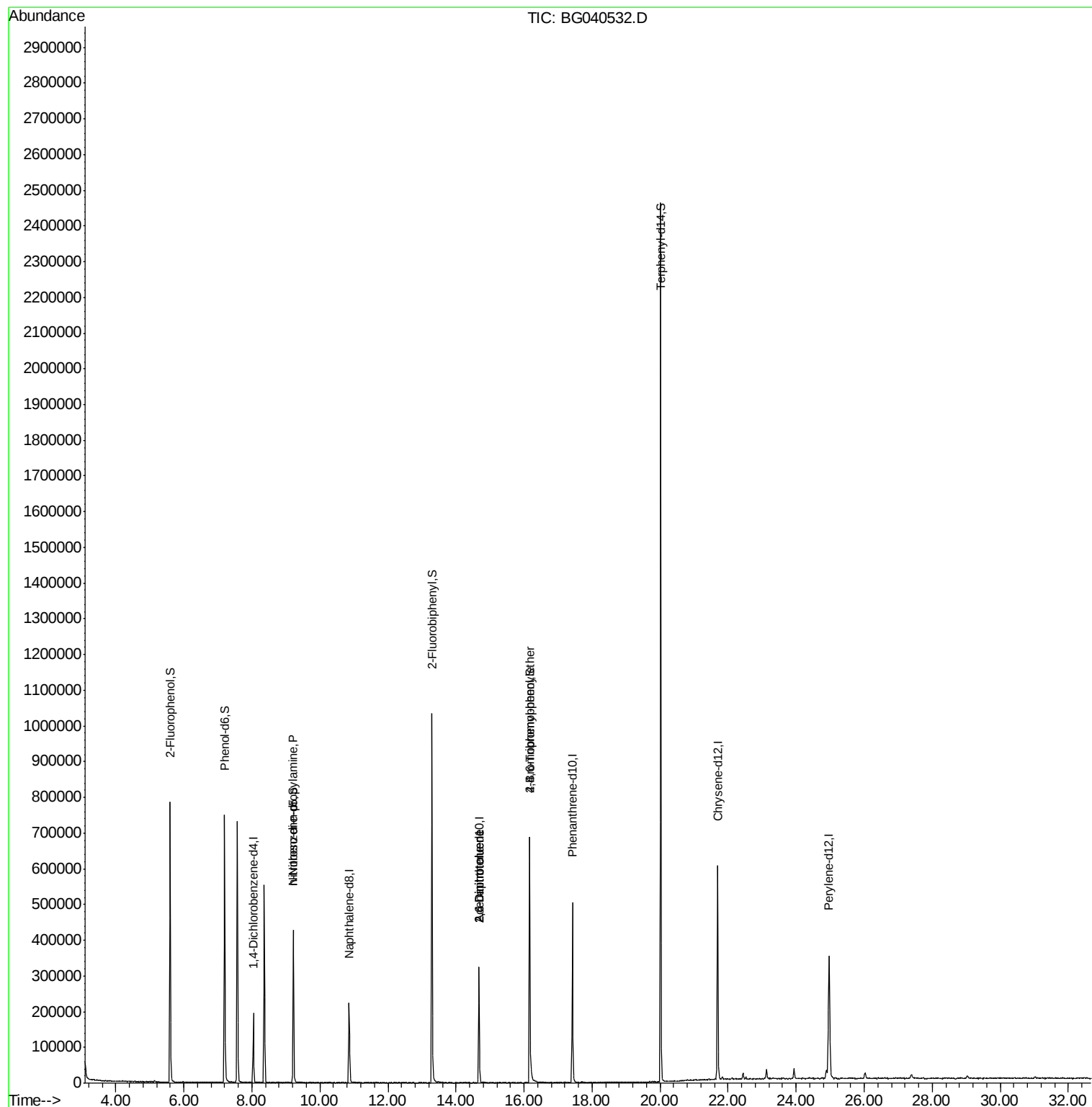
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53823	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	212166	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	125211	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	338599	20.00	ng	0.00
76) Chrysene-d12	21.69	240	361159	20.00	ng	0.00
87) Perylene-d12	24.96	264	384537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	334510	103.32	ng	0.00
7) Phenol-d6	7.20	99	446787	99.85	ng	0.00
23) Nitrobenzene-d5	9.22	82	265572	66.53	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	139164	102.84	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	586645	69.42	ng	0.00
79) Terphenyl-d14	20.02	244	1115617	69.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	32924	10.263	ng	# 73
51) 2,6-Dinitrotoluene	14.67	165	15325	6.965	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	15325	5.012	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	11075	2.907	ng	# 1

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

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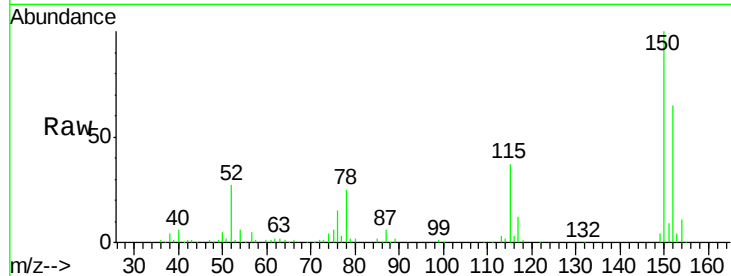


#1

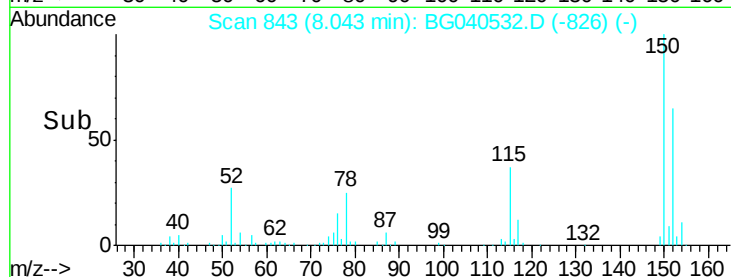
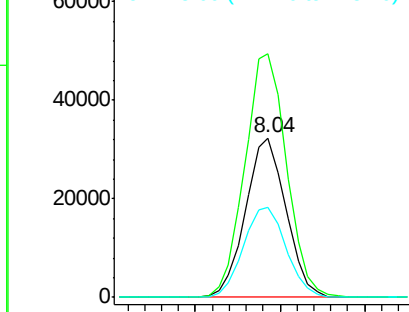
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040532.D
Acq: 17 Apr 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53823
Ion Ratio Lower Upper
152 100
150 152.7 123.7 185.5
115 56.5 46.9 70.3



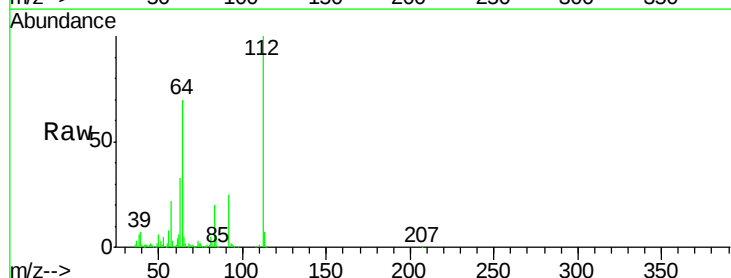
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



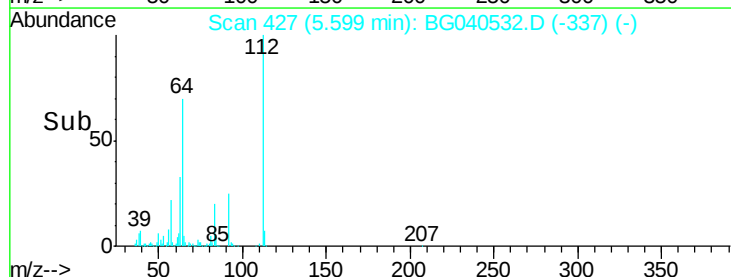
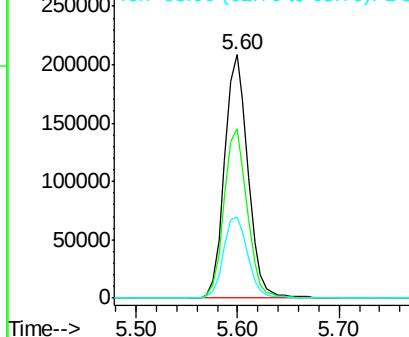
#5

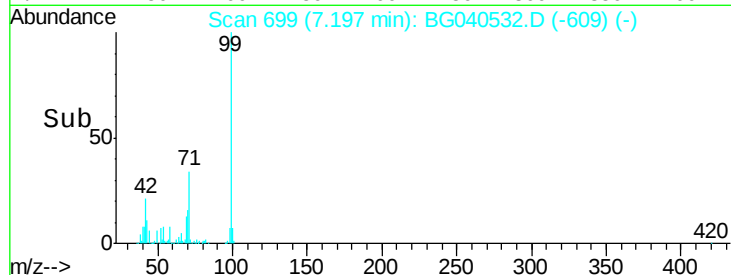
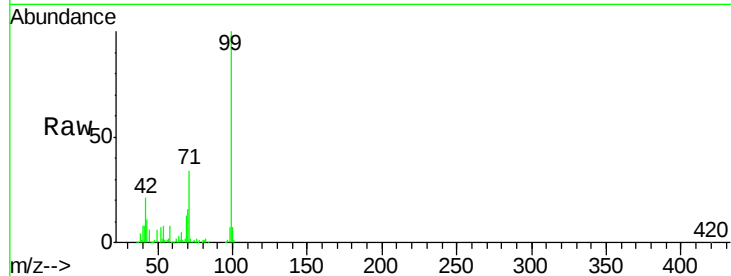
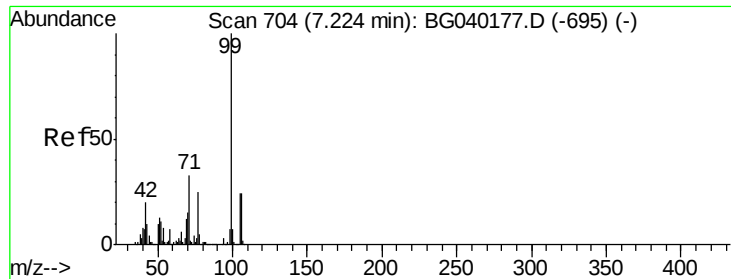
2-Fluorophenol
Concen: 103.319 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040532.D
Acq: 17 Apr 2019 16:28

Tgt Ion:112 Resp: 334510
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.2
63 33.1 26.4 39.6



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: 99.852 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG040532.D

Acq: 17 Apr 2019 16:28

Instrument :

BNA_G

ClientSampleId :

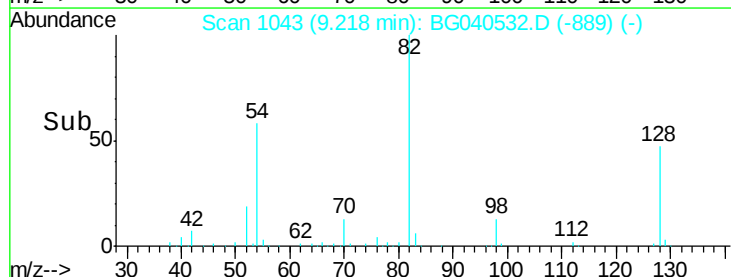
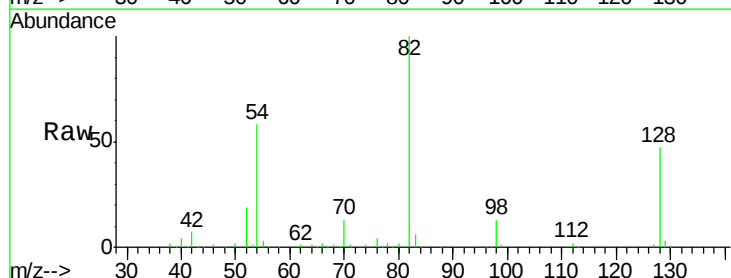
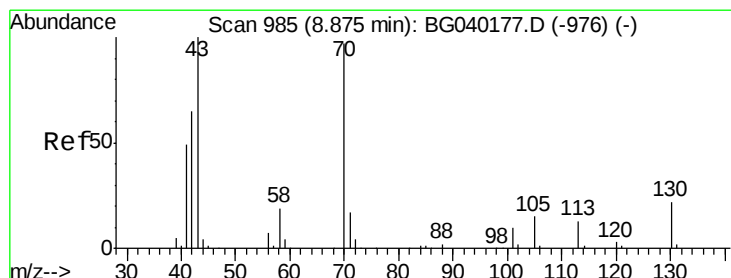
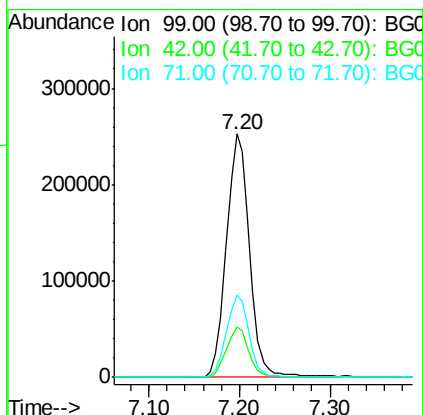
Tot Ion: 99 Resp: 446787

Ion Ratio Lower Upper

99 100

42 20.5 16.2 24.2

71 33.9 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.263 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.37 min

Lab File: BG040532.D

Acq: 17 Apr 2019 16:28

Tgt Ion: 70 Resp: 32924

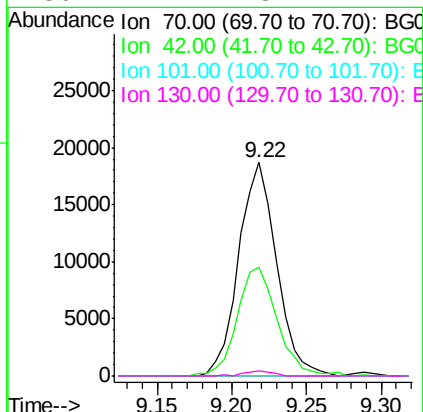
Ion Ratio Lower Upper

70 100

42 50.8 54.0 81.0#

101 0.0 8.6 13.0#

130 2.1 18.2 27.2#

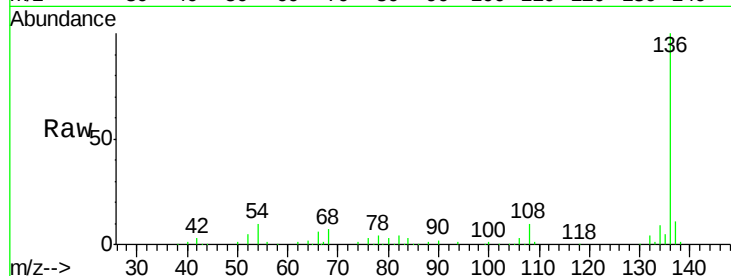




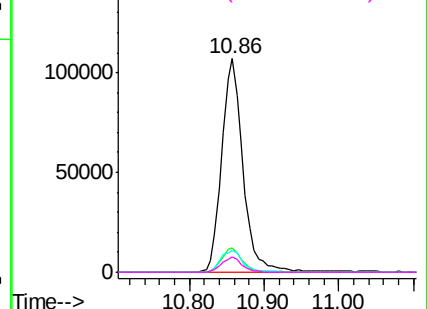
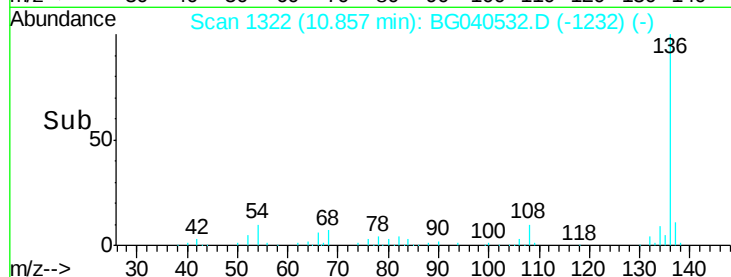
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040532.D
Acq: 17 Apr 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	212166
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	9.9	9.6 14.4
68	6.9	5.1 7.7

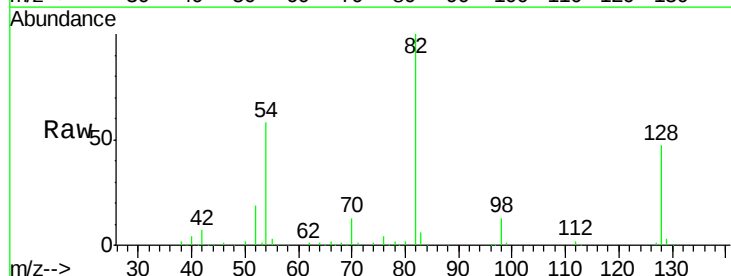


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

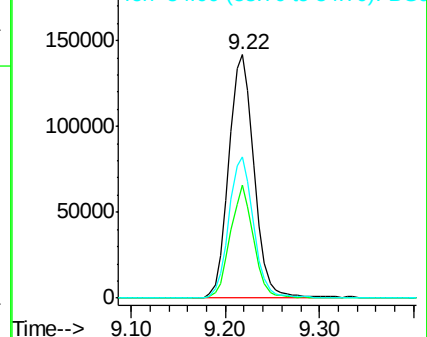
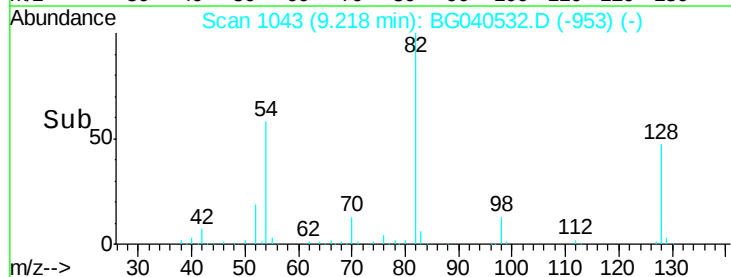


#23
Nitrobenzene-d5
Concen: 66.533 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040532.D
Acq: 17 Apr 2019 16:28

Tgt Ion: 82	Resp:	265572
Ion	Ratio	Lower Upper
82	100	
128	46.5	35.8 53.8
54	58.2	46.2 69.2



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

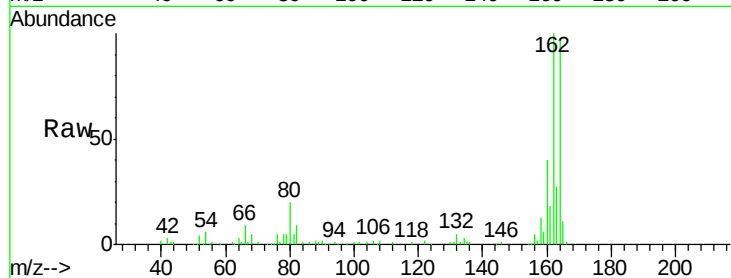




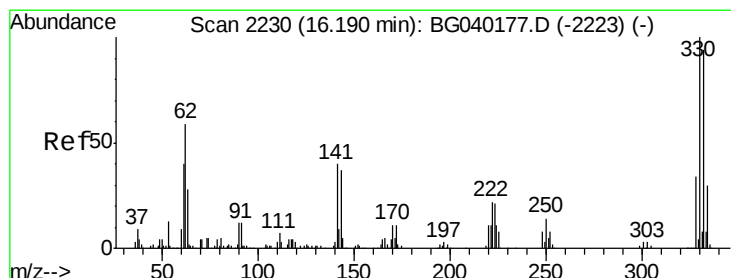
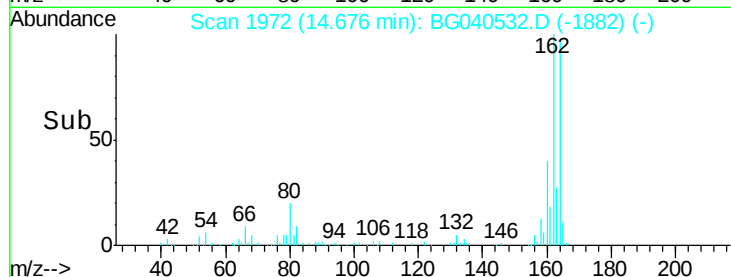
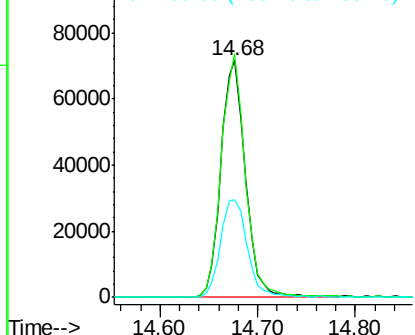
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040532.D
Acq: 17 Apr 2019 16:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 125211
Ion Ratio Lower Upper
164 100
162 102.8 77.4 116.2
160 41.4 35.3 52.9

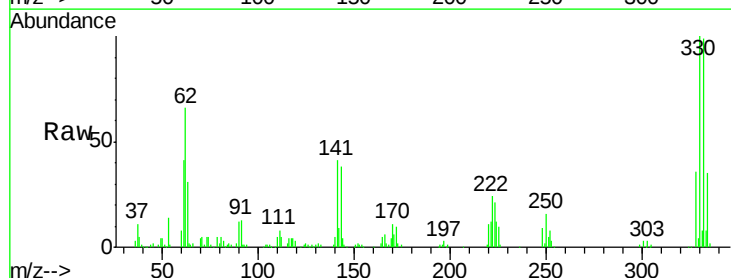


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

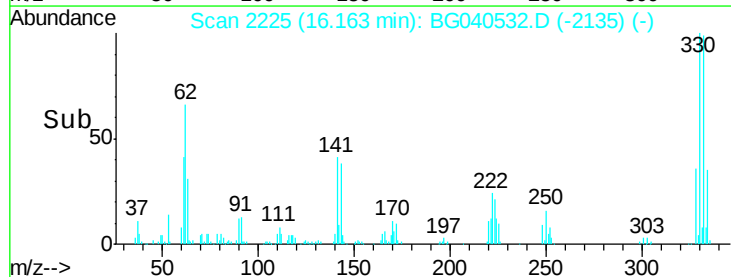
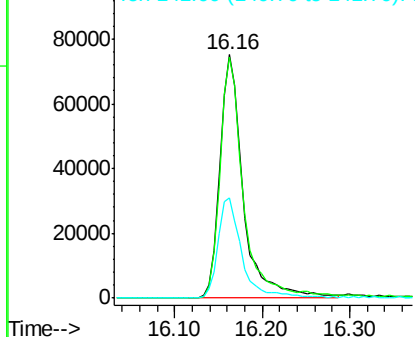


#42
2,4,6-Tribromophenol
Concen: 102.840 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG040532.D
Acq: 17 Apr 2019 16:28

Tgt Ion:330 Resp: 139164
Ion Ratio Lower Upper
330 100
332 99.4 76.6 115.0
141 42.1 32.6 48.8



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

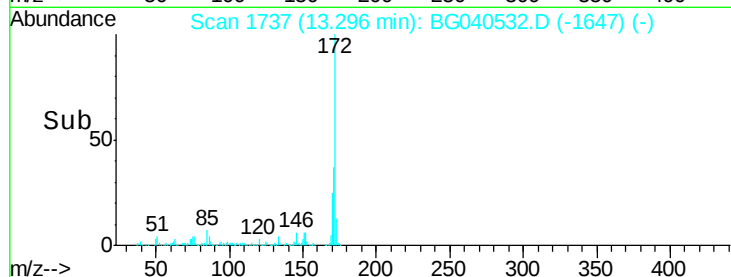
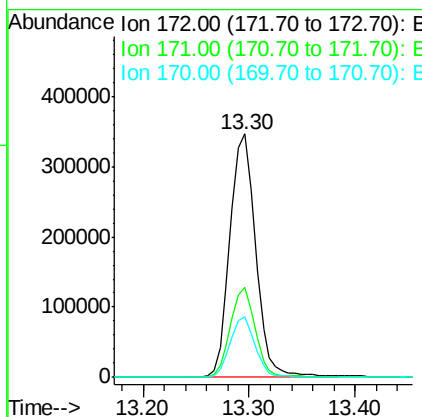
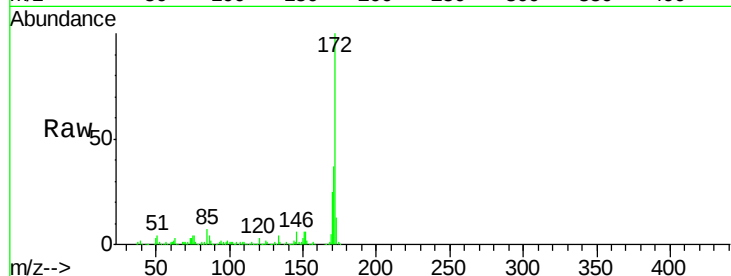




#45
2-Fluorobiphenyl
Concen: 69.424 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040532.D
Acq: 17 Apr 2019 16:28

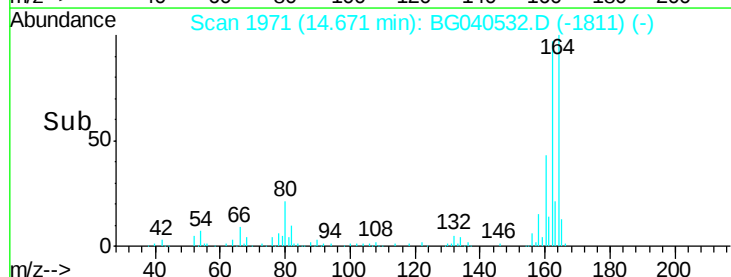
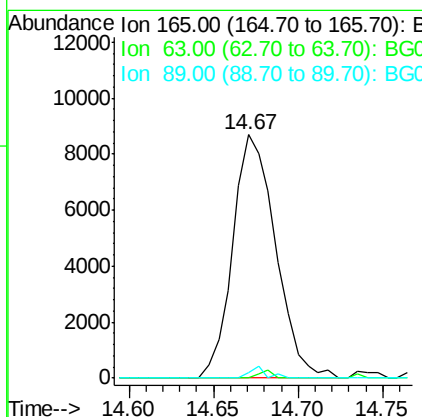
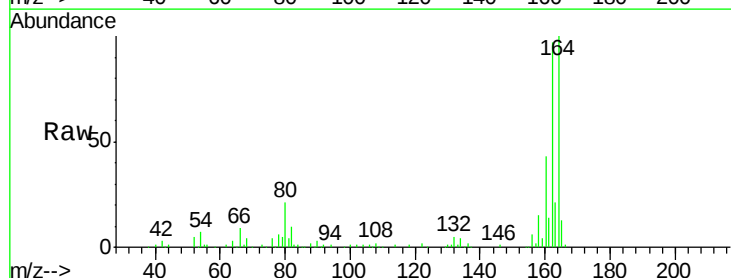
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.9	20.1	30.1



#51
2,6-Dinitrotoluene
Concen: 6.965 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.41 min
Lab File: BG040532.D
Acq: 17 Apr 2019 16:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	2.3	44.9	67.3#

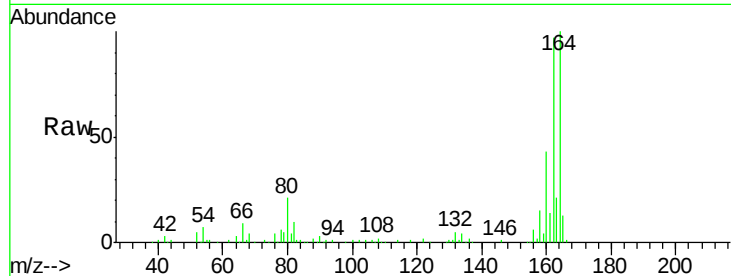




#57
 2,4-Dinitrotoluene
 Concen: 5.012 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.37 min
 Lab File: BG040532.D
 Acq: 17 Apr 2019 16:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	15325
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.8 50.6#
89	2.3	55.4 83.2#
182	0.0	2.2 3.4#

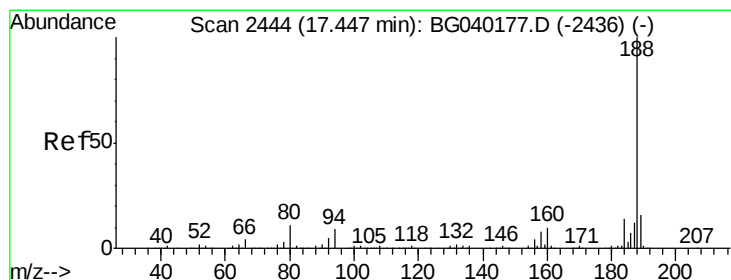
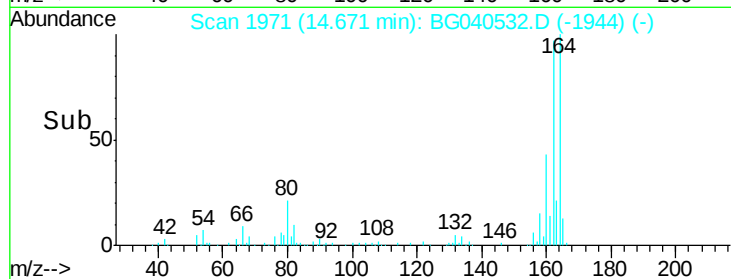
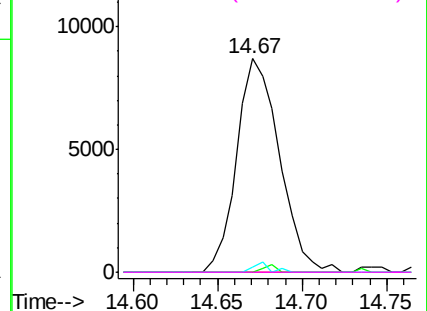


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

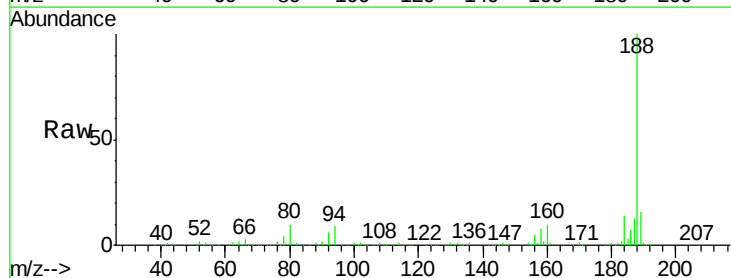
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG040532.D
 Acq: 17 Apr 2019 16:28

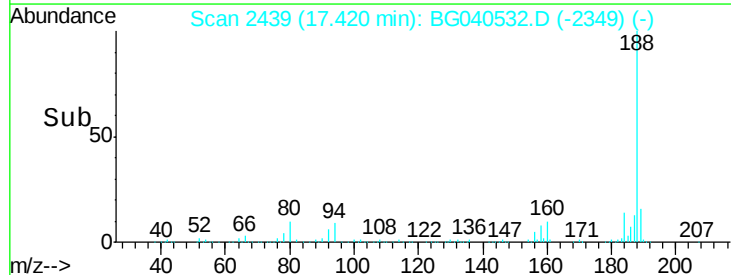
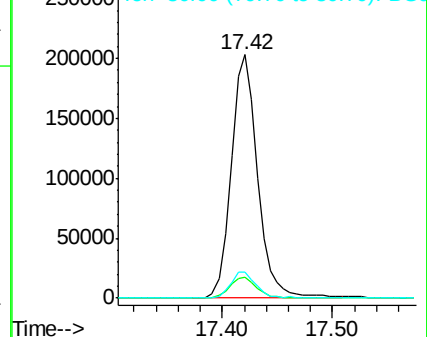
Tgt Ion:188	Resp:	338599
Ion Ratio	Lower	Upper
188	100	
94	8.7	7.0 10.4
80	10.4	8.6 13.0



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





#67

4-Bromophenyl-phenylether

Concen: 2.907 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.44 min

Lab File: BG040532.D

Acq: 17 Apr 2019 16:28

Instrument :

BNA_G

ClientSampleId :

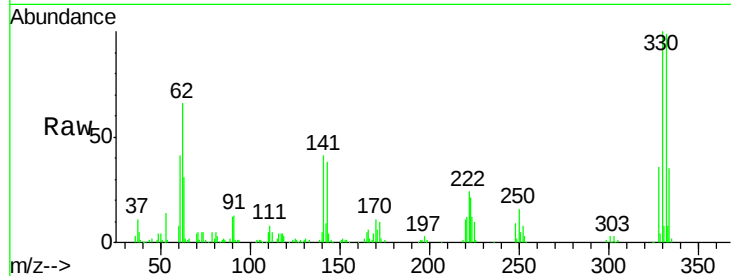
Tot Ion:248 Resp: 11075

Ion Ratio Lower Upper

248 100

250 180.0 76.4 114.6#

141 467.4 53.8 80.8#

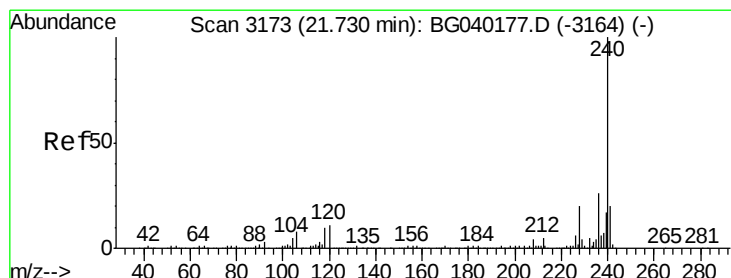
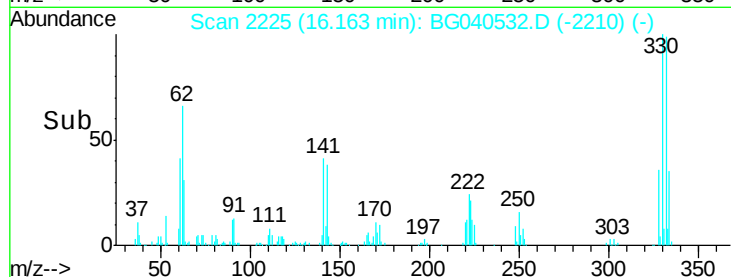
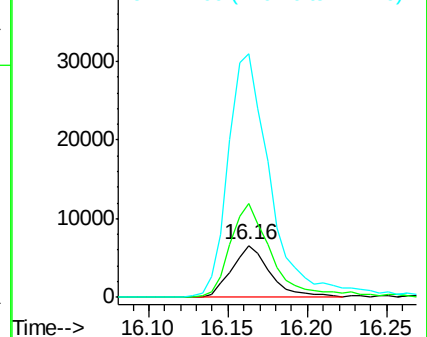


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG040532.D

Acq: 17 Apr 2019 16:28

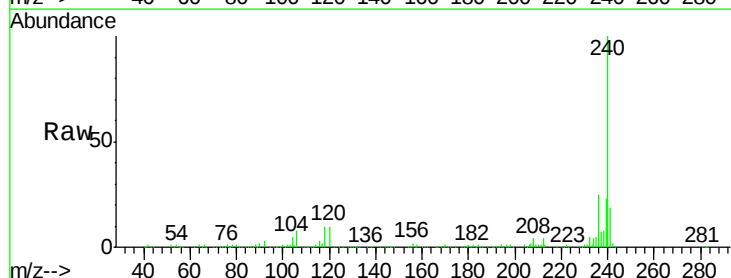
Tgt Ion:240 Resp: 361159

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

236 25.2 20.8 31.2

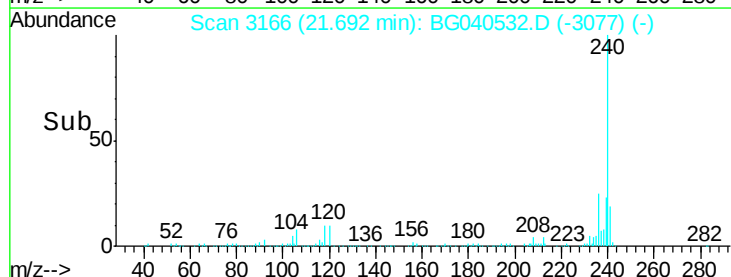
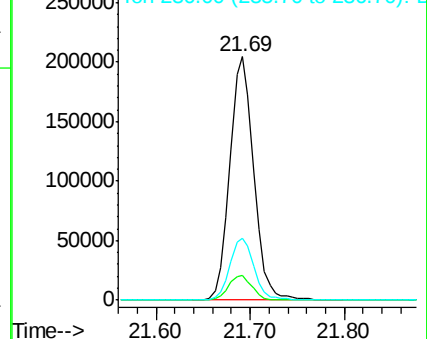


Abundance

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: 69.492 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040532.D

Acq: 17 Apr 2019 16:28

Instrument :

BNA_G

ClientSampleId :

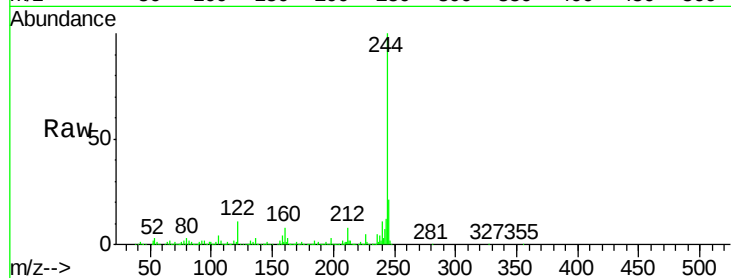
Tot Ion:244 Resp: 1115617

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

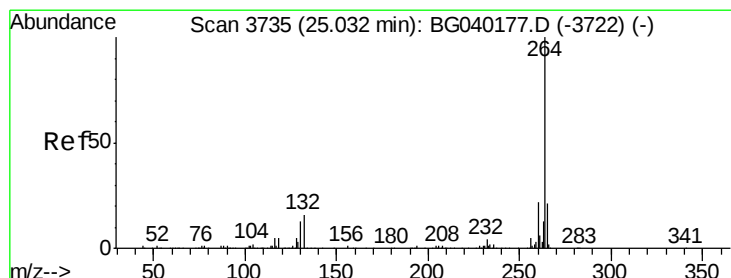
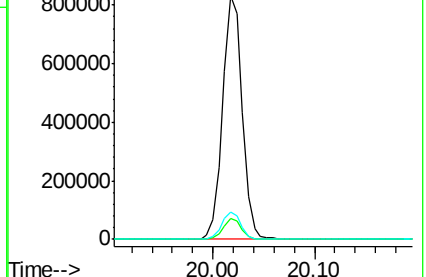
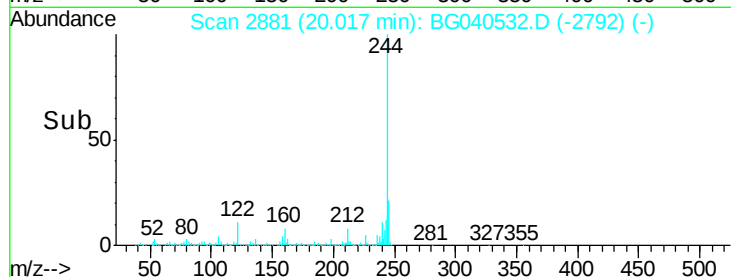
122 11.4 8.5 12.7



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: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040532.D

Acq: 17 Apr 2019 16:28

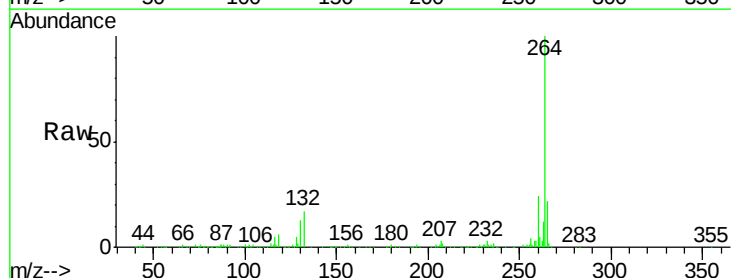
Tgt Ion:264 Resp: 384537

Ion Ratio Lower Upper

264 100

260 24.1 17.9 26.9

265 22.1 16.8 25.2



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

