

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG020119\
 Data File : BG039355.D
 Acq On : 1 Feb 2019 23:09
 Operator : JU/SJ
 Sample : K1307-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 013019-SIDI-E-D-M

Quant Time: Feb 02 01:05:25 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	8.18	152	49232	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	197983	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	133629	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	331087	20.00	ng	0.00
76) Chrysene-d12	21.83	240	354210	20.00	ng	-0.02
87) Perylene-d12	25.22	264	355369	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	103138	35.86	ng	0.00
7) Phenol-d6	7.31	99	87286	20.61	ng	0.00
23) Nitrobenzene-d5	9.36	82	353542	111.56	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	137652	95.66	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	873130	93.73	ng	0.00
79) Terphenyl-d14	20.14	244	1294893	77.38	ng	0.00

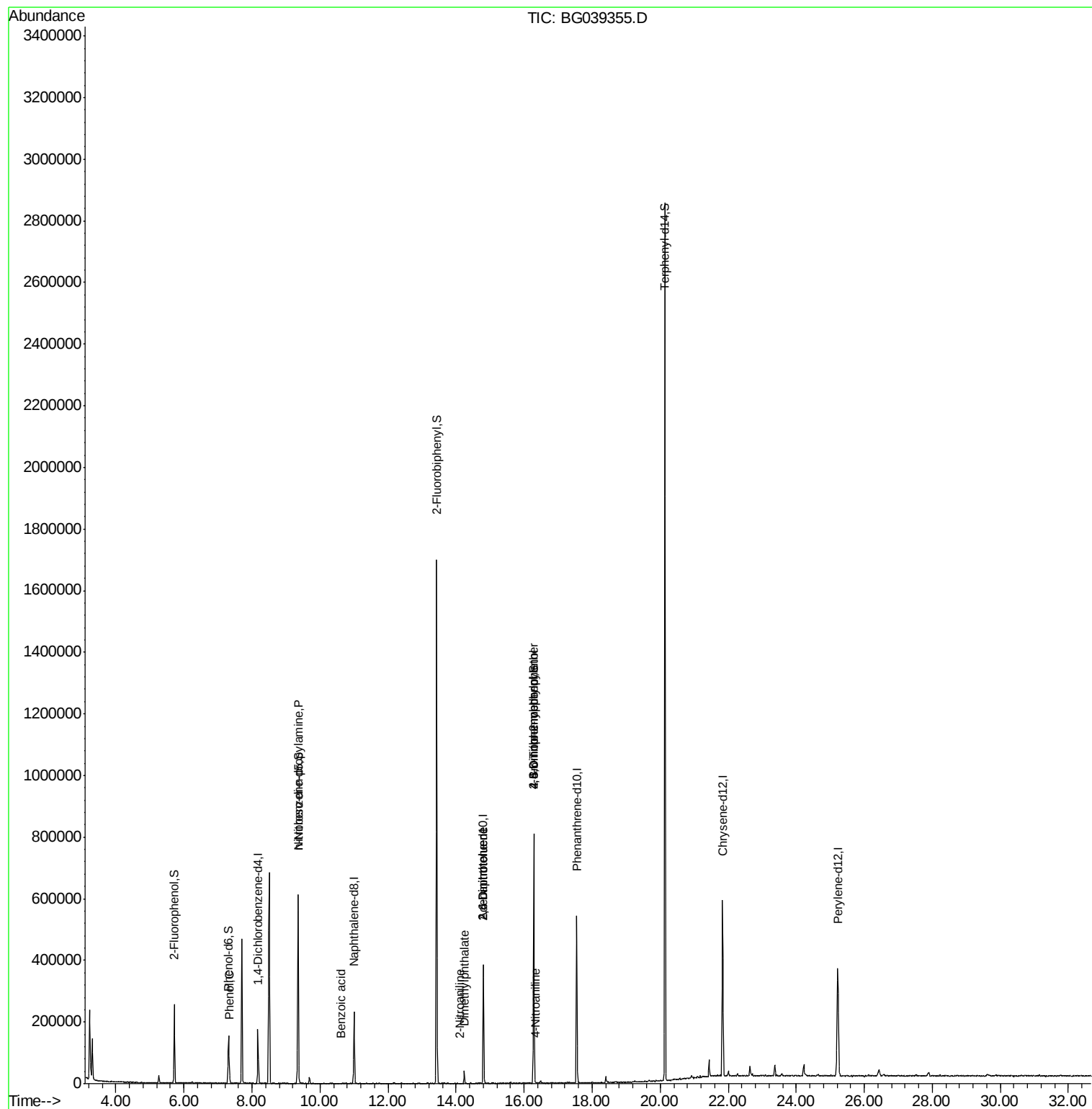
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.31	77	146	Below Cal		# 4
10) Phenol	7.33	94	17148	3.885	ng	93
19) n-Nitroso-di-n-propylamine	9.36	70	45780	15.233	ng	# 71
32) Benzoic acid	10.61	122	66	9.050	ng	# 1
48) 2-Nitroaniline	14.13	65	69	8.320	ng	# 10
50) Dimethylphthalate	14.24	163	26908	2.493	ng	97
51) 2,6-Dinitrotoluene	14.80	165	17519	14.058	ng	# 23
57) 2,4-Dinitrotoluene	14.80	165	17519	13.500	ng	# 18
62) 4-Nitroaniline	16.34	138	55	4.225	ng	# 10
65) 4,6-Dinitro-2-methylphenol	16.28	198	488	4.647	ng	# 7
67) 4-Bromophenyl-phenylether	16.29	248	10514	2.862	ng	# 1

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

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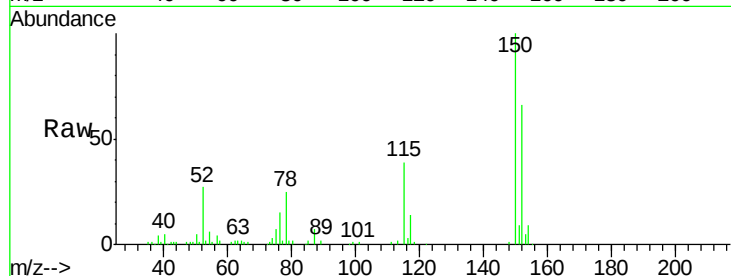


#1

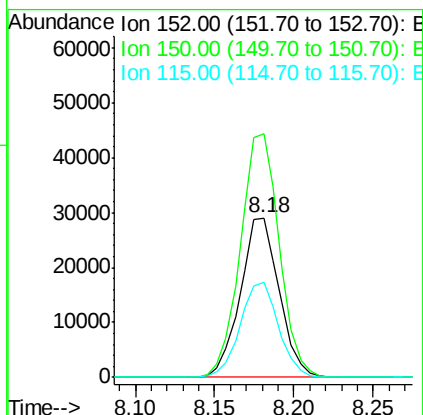
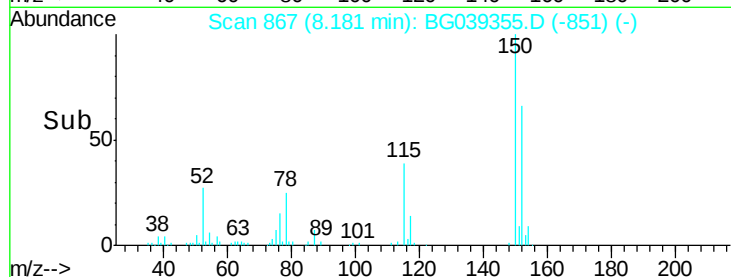
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039355.D
Acq: 1 Feb 2019 23:09

Instrument :
BNA_G
ClientSampleId :
013019-SIDI-E-D-M

Tgt Ion:152 Resp: 49232
Ion Ratio Lower Upper
152 100
150 152.4 123.7 185.5
115 59.7 45.9 68.9



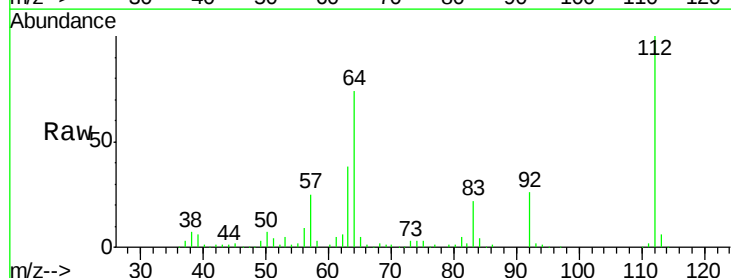
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



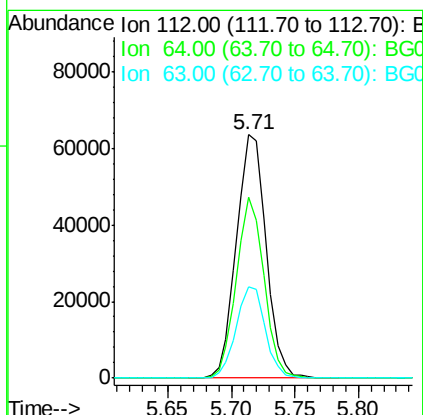
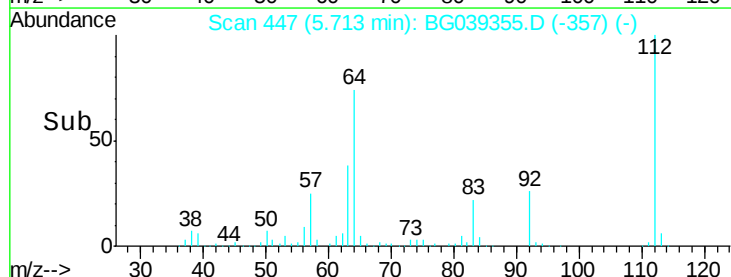
#5

2-Fluorophenol
Concen: 35.855 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039355.D
Acq: 1 Feb 2019 23:09

Tgt Ion:112 Resp: 103138
Ion Ratio Lower Upper
112 100
64 74.4 57.8 86.8
63 37.7 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: 20.615 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-M

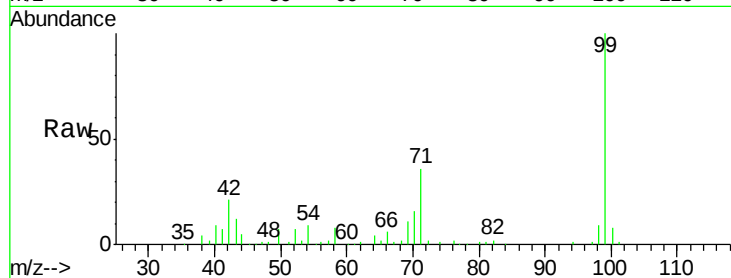
Tgt Ion: 99 Resp: 87286

Ion Ratio Lower Upper

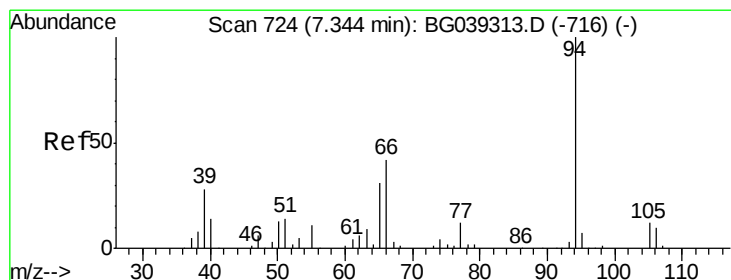
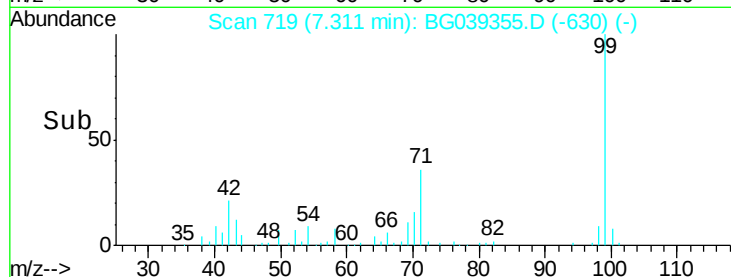
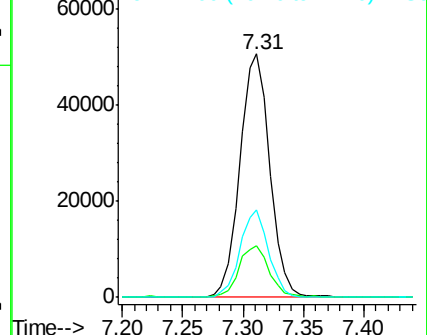
99 100

42 21.1 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: 3.885 ng

RT: 7.33 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

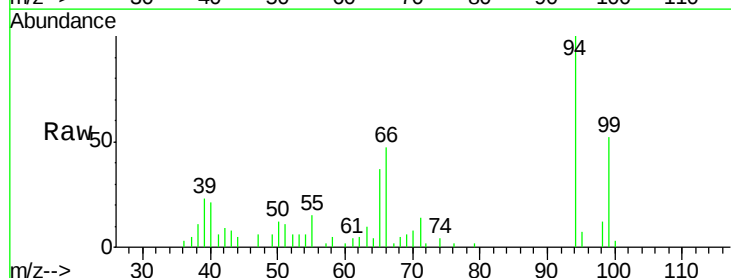
Tgt Ion: 94 Resp: 17148

Ion Ratio Lower Upper

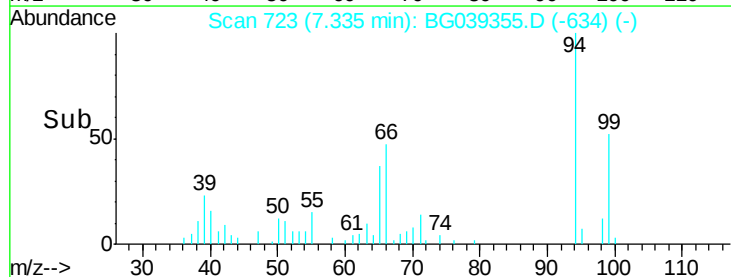
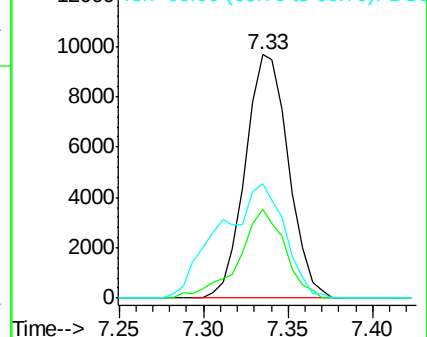
94 100

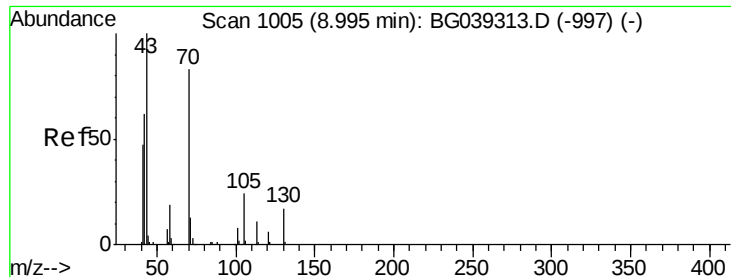
65 36.6 11.7 51.7

66 46.9 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

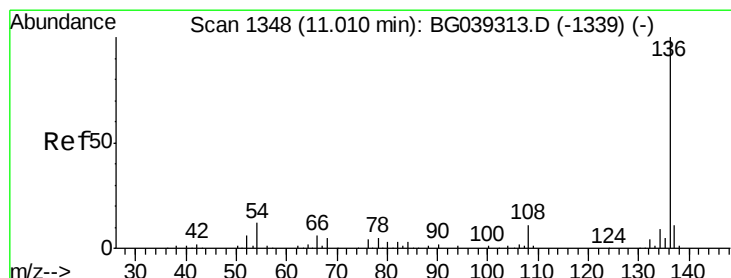
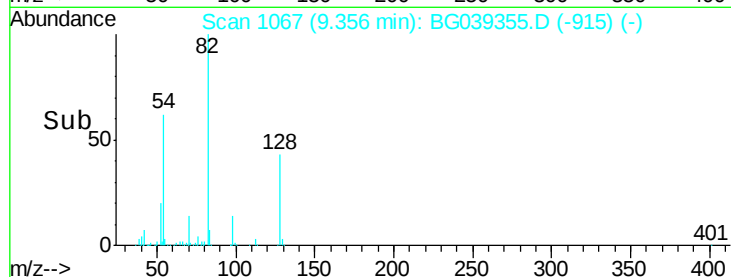
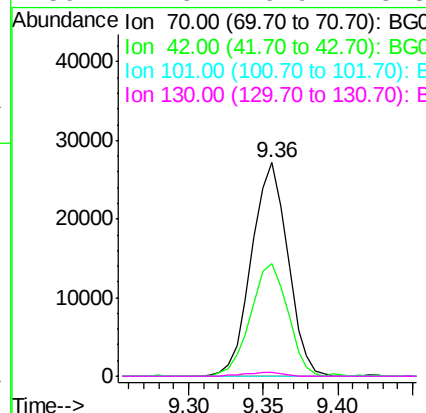
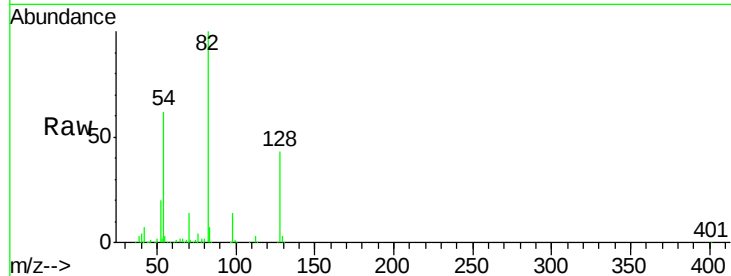




#19
n-Nitroso-di-n-propylamine
Concen: 15.233 ng
RT: 9.36 min Scan# 1067
Delta R.T. 0.36 min
Lab File: BG039355.D
Acq: 1 Feb 2019 23:09

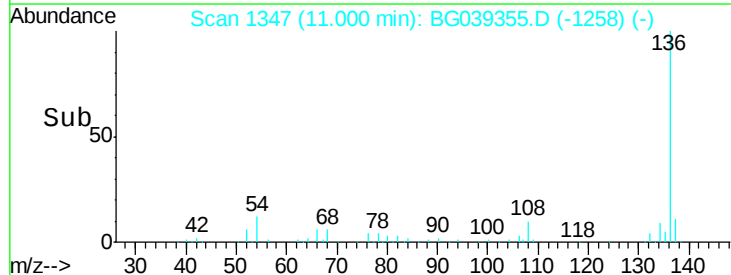
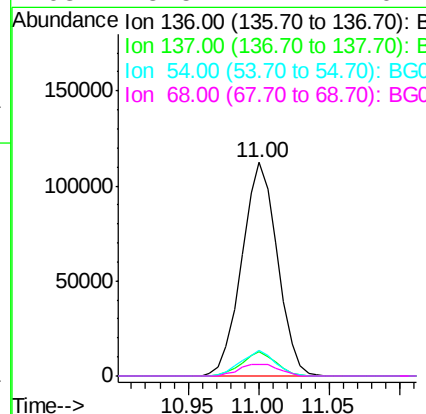
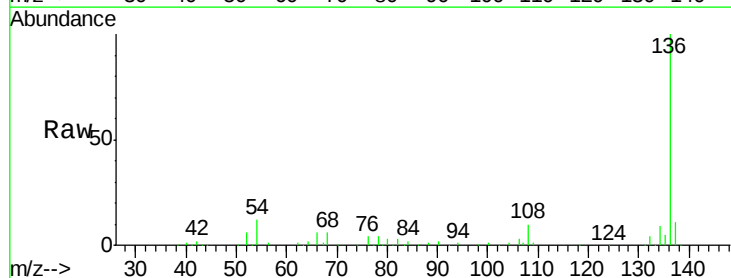
Instrument :
BNA_G
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013019-SIDI-E-D-M

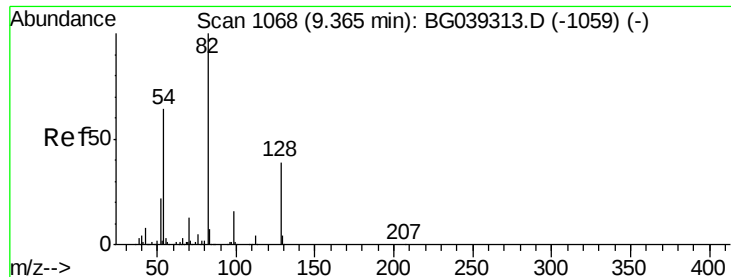
Tgt Ion: 70 Resp: 45780
Ion Ratio Lower Upper
70 100
42 52.9 60.4 90.6#
101 0.0 7.5 11.3#
130 1.6 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039355.D
Acq: 1 Feb 2019 23:09

Tgt Ion: 136 Resp: 197983
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 11.8 9.4 14.2
68 5.5 4.2 6.4

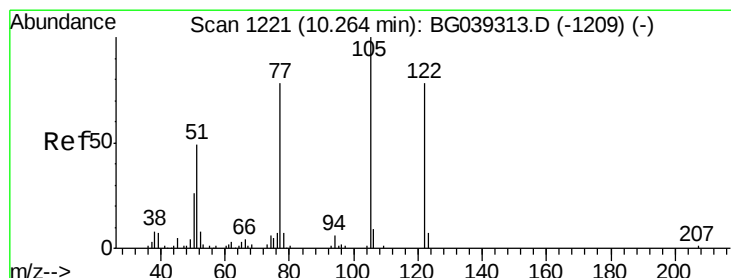
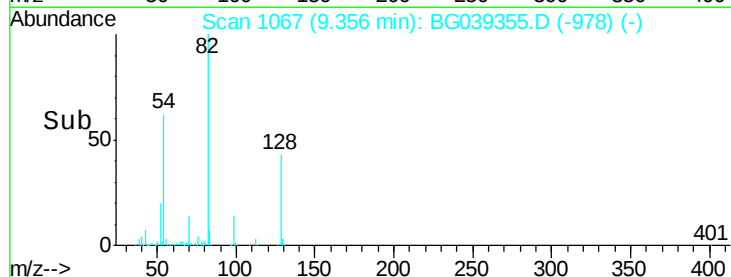
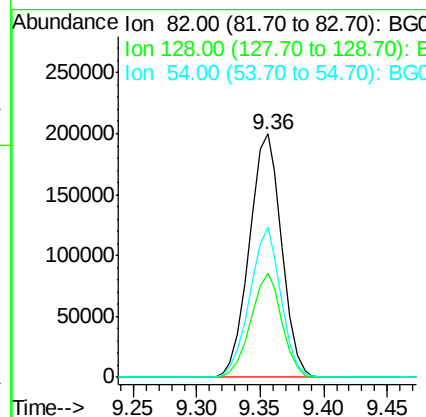
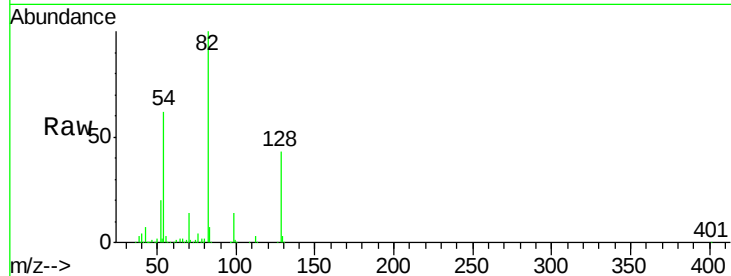




#23
 Nitrobenzene-d5
 Concen: 111.557 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039355.D
 Acq: 1 Feb 2019 23:09

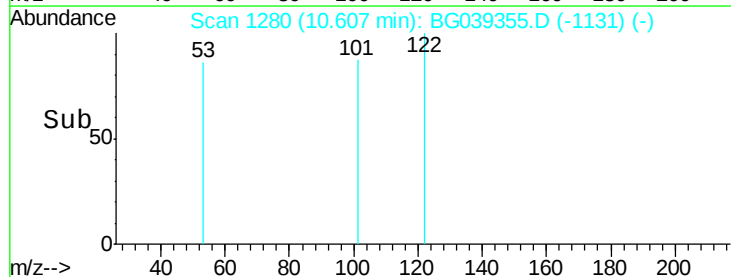
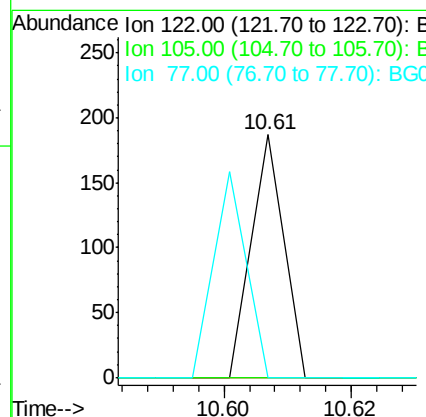
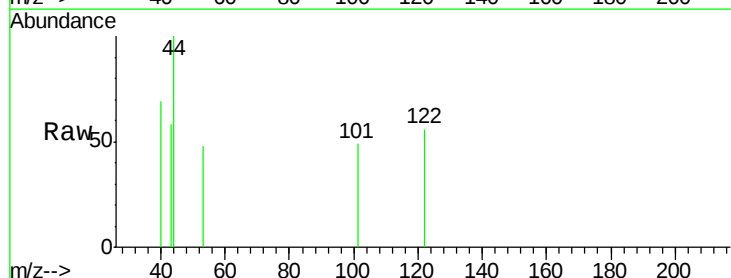
Instrument :
 BNA_G
 ClientSampleId :
 013019-SIDI-E-D-M

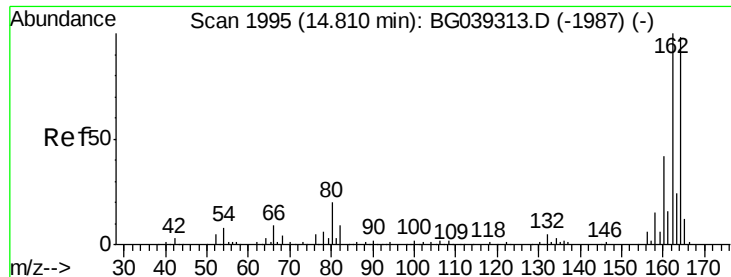
Tgt Ion: 82 Resp: 353542
 Ion Ratio Lower Upper
 82 100
 128 42.5 31.3 46.9
 54 61.9 50.9 76.3



#32
 Benzoic acid
 Concen: 9.050 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. 0.34 min
 Lab File: BG039355.D
 Acq: 1 Feb 2019 23:09

Tgt Ion: 122 Resp: 66
 Ion Ratio Lower Upper
 122 100
 105 0.0 101.8 141.8#
 77 0.0 76.3 116.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-M

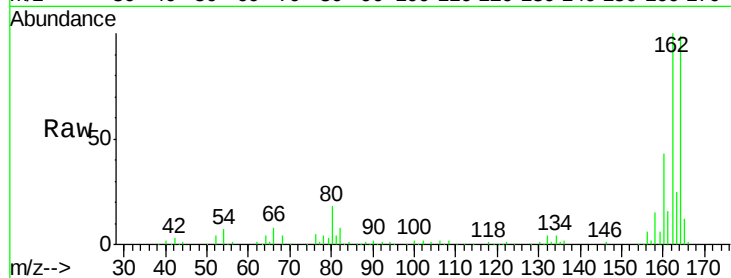
Tgt Ion:164 Resp: 133629

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

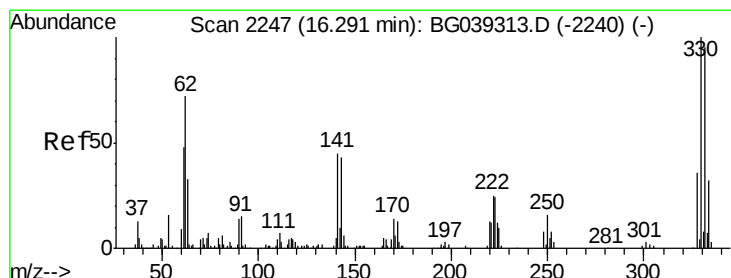
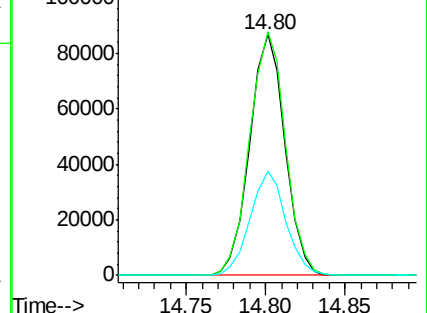
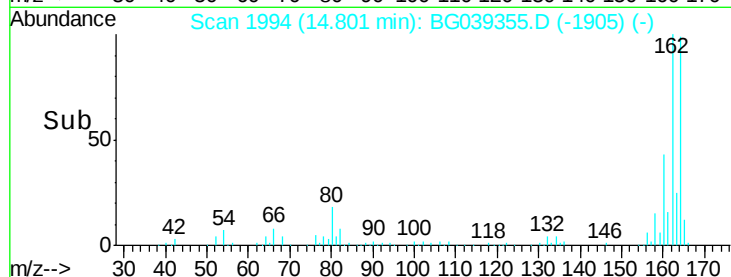
160 43.3 34.2 51.2



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: 95.661 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

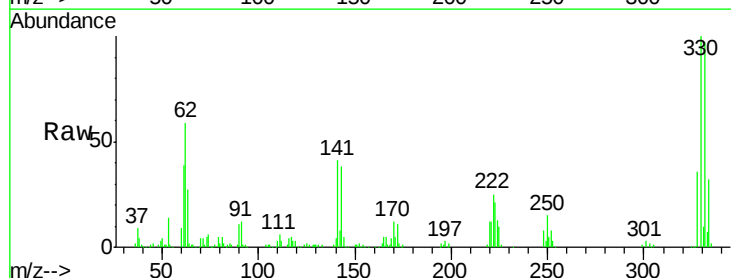
Tgt Ion:330 Resp: 137652

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

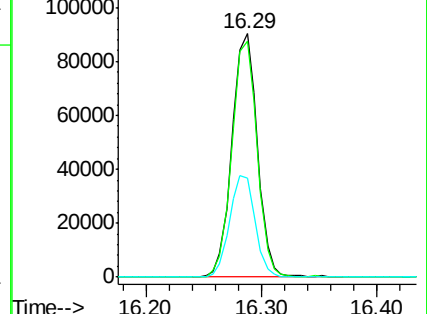
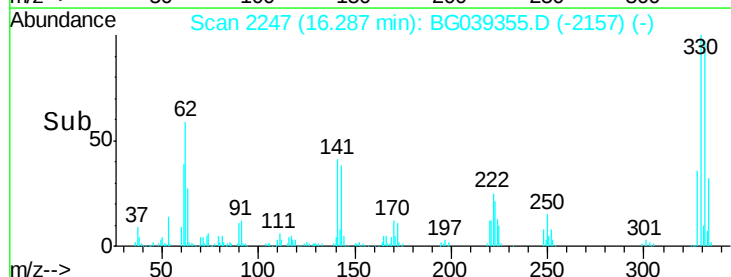
141 41.8 35.6 53.4

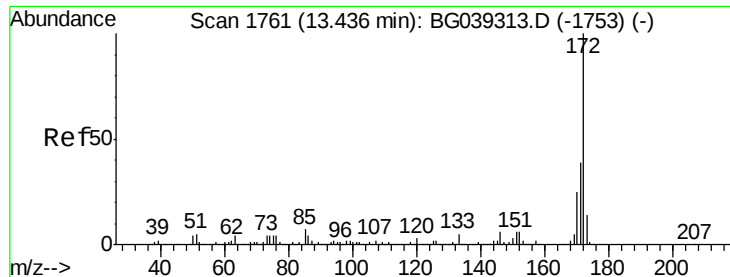


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

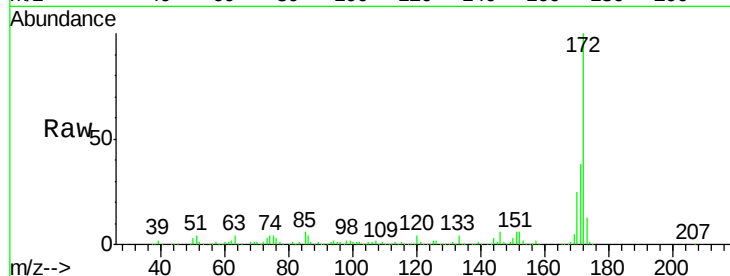




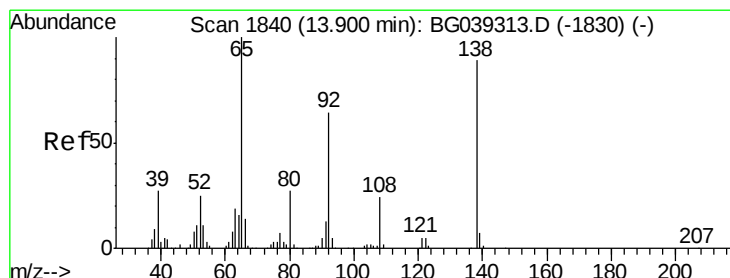
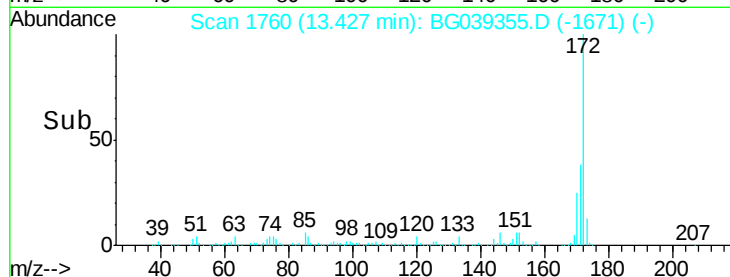
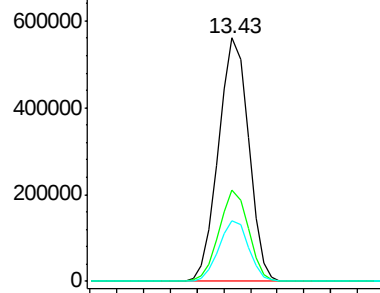
#45
2-Fluorobiphenyl
Concen: 93.733 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039355.D
Acq: 1 Feb 2019 23:09

Instrument :
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ClientSampleId :
013019-SIDI-E-D-M

Tgt Ion: 172 Resp: 873130
Ion Ratio Lower Upper
172 100
171 37.7 30.8 46.2
170 24.8 20.2 30.4

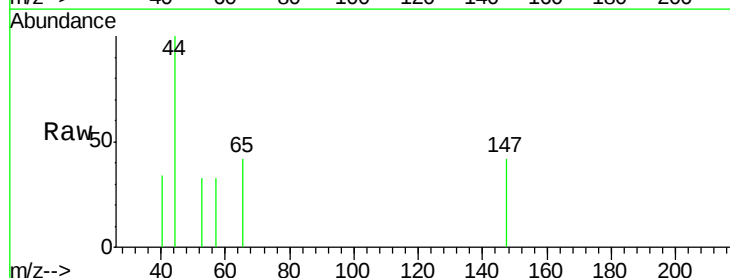


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

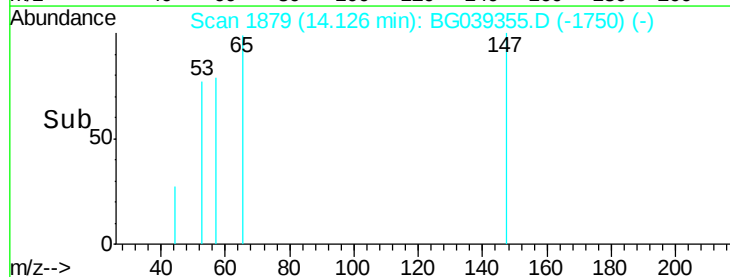
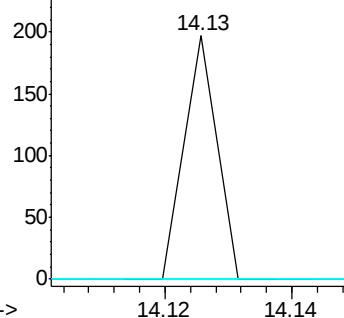


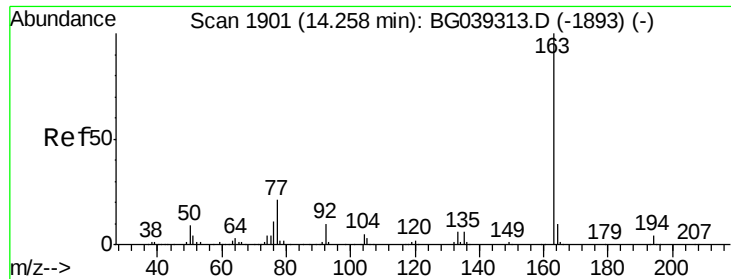
#48
2-Nitroaniline
Concen: 8.320 ng
RT: 14.13 min Scan# 1879
Delta R.T. 0.23 min
Lab File: BG039355.D
Acq: 1 Feb 2019 23:09

Tgt Ion: 65 Resp: 69
Ion Ratio Lower Upper
65 100
92 0.0 51.4 77.2#
138 0.0 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 2.493 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

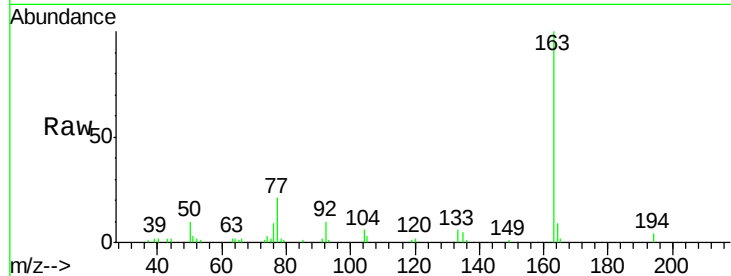
Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-M

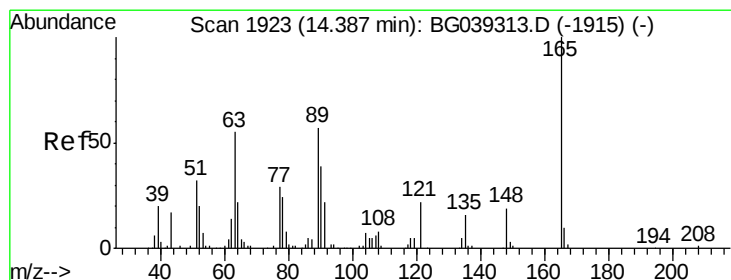
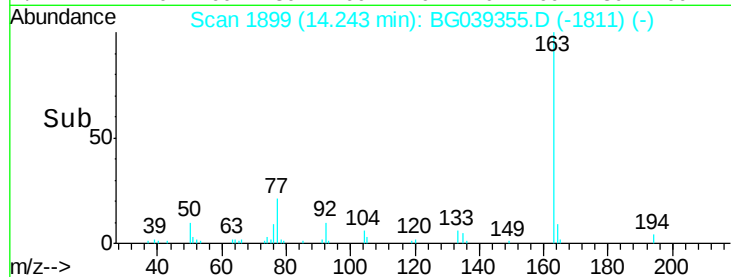
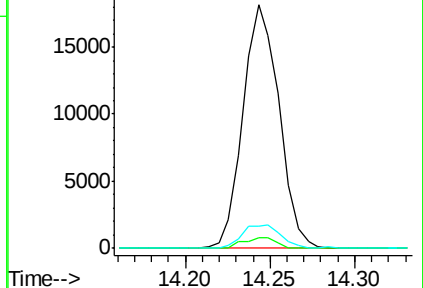
Tgt Ion:	163	Resp:	26908
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	8.9	8.4	12.6



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



#51

2,6-Dinitrotoluene

Concen: 14.058 ng

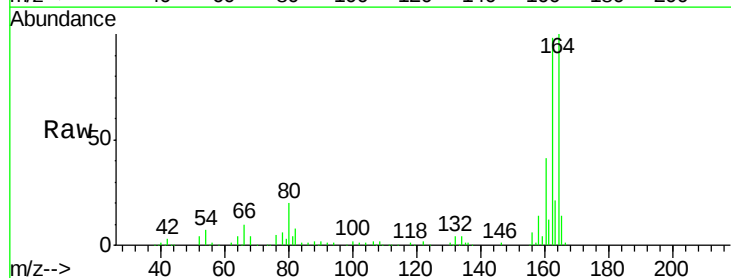
RT: 14.80 min Scan# 1993

Delta R.T. 0.41 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

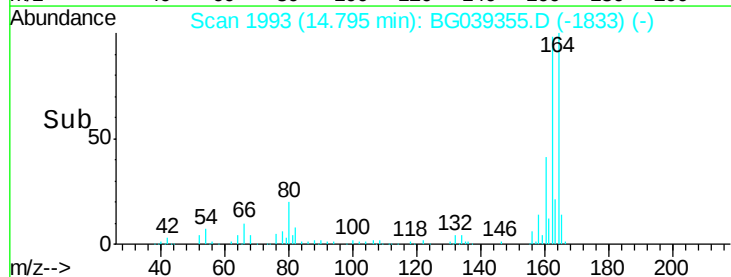
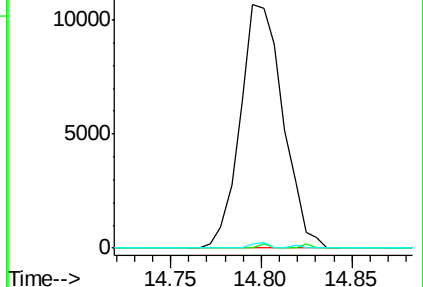
Tgt Ion:	165	Resp:	17519
Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.0	70.6#
89	1.7	45.8	68.8#

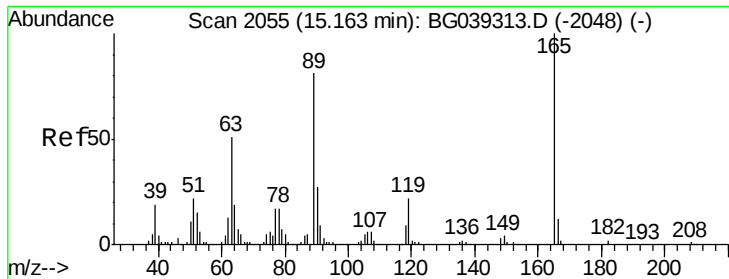


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#57

2,4-Dinitrotoluene

Concen: 13.500 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.37 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-M

Tgt Ion:165 Resp: 17519

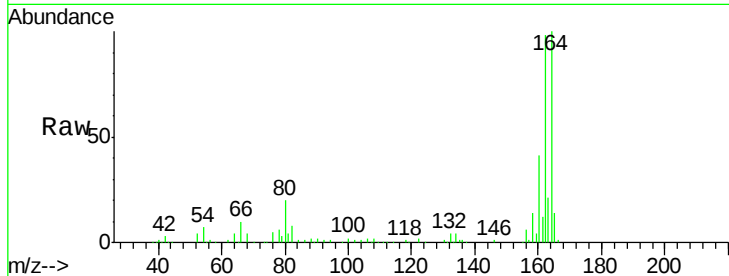
Ion Ratio Lower Upper

165 100

63 0.0 41.0 61.6#

89 1.7 64.6 96.8#

182 0.0 2.0 3.0#

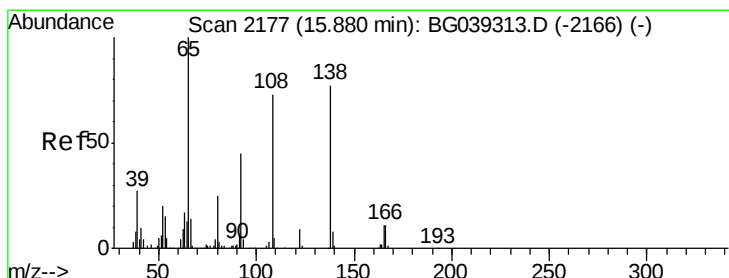
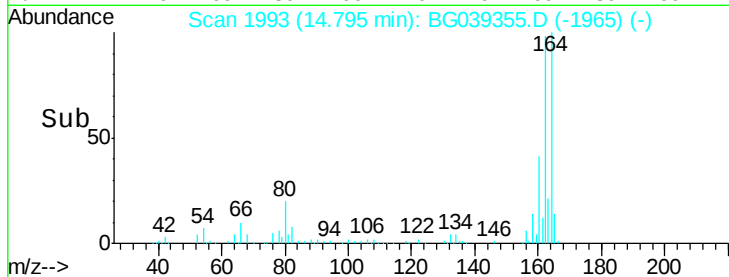
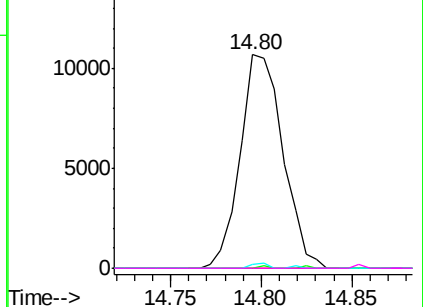


Abundance Ion 165.00 (164.70 to 165.70): E

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



#62

4-Nitroaniline

Concen: 4.225 ng

RT: 16.34 min Scan# 2256

Delta R.T. 0.46 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

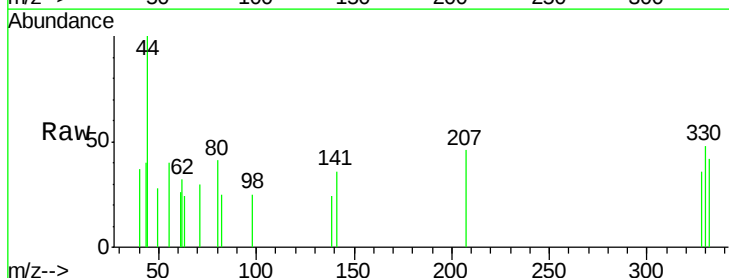
Tgt Ion:138 Resp: 55

Ion Ratio Lower Upper

138 100

92 0.0 38.7 78.7#

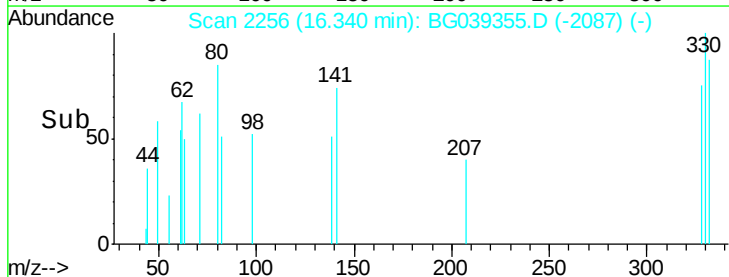
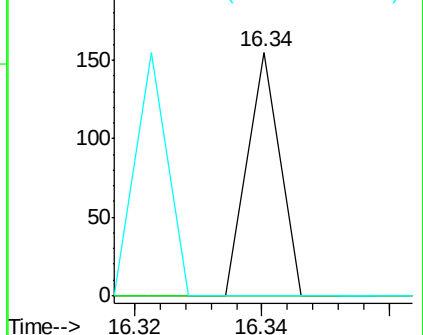
108 0.0 74.6 114.6#

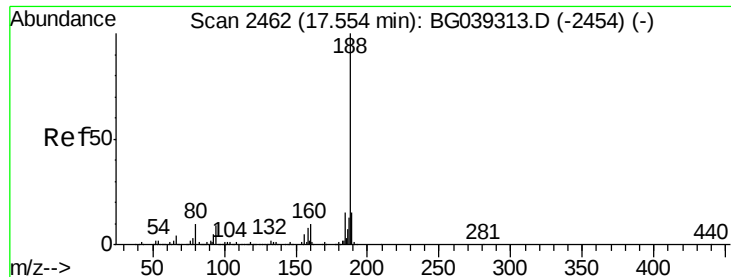


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-M

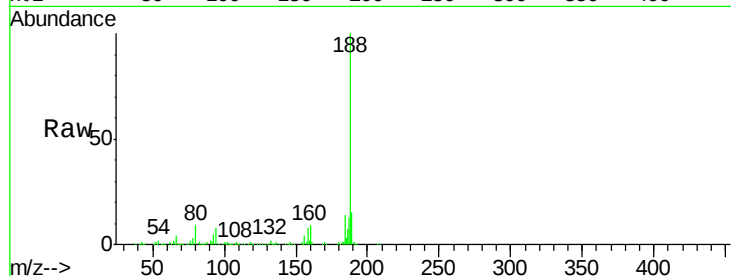
Tgt Ion:188 Resp: 331087

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

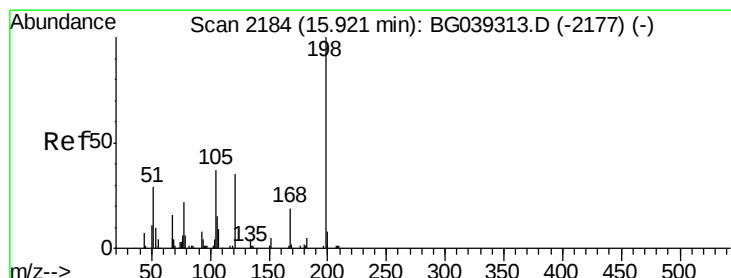
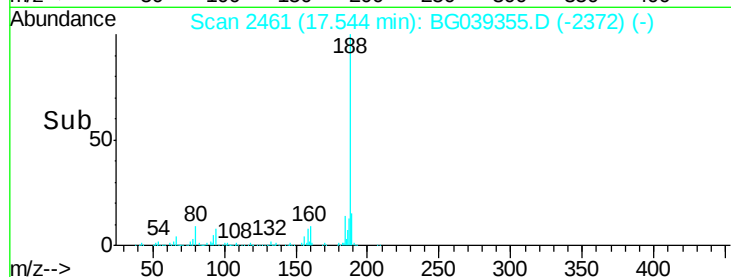
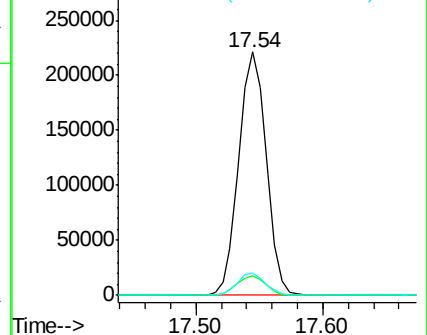
80 9.1 8.1 12.1



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.647 ng

RT: 16.28 min Scan# 2246

Delta R.T. 0.36 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

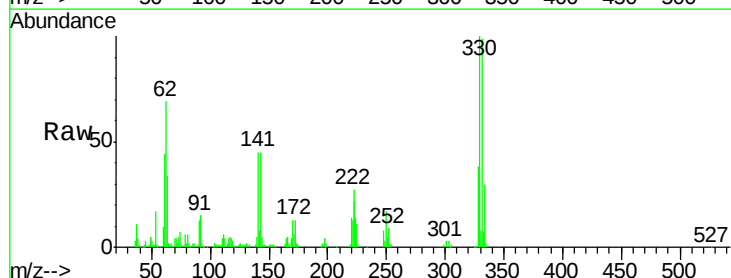
Tgt Ion:198 Resp: 488

Ion Ratio Lower Upper

198 100

51 105.3 27.4 67.4#

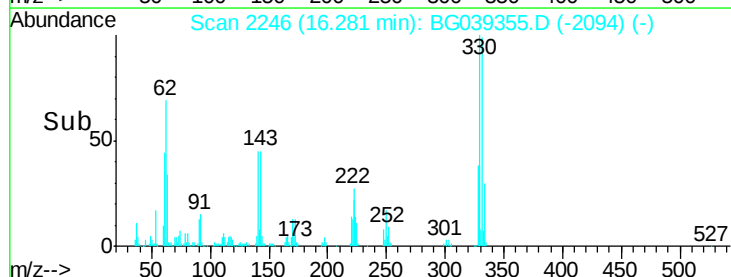
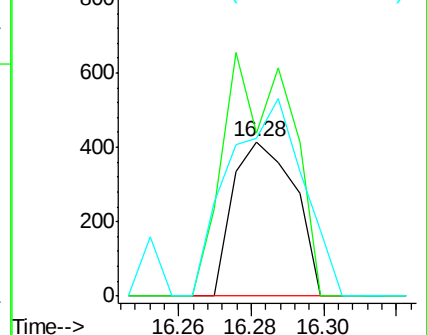
105 101.9 19.7 59.7#

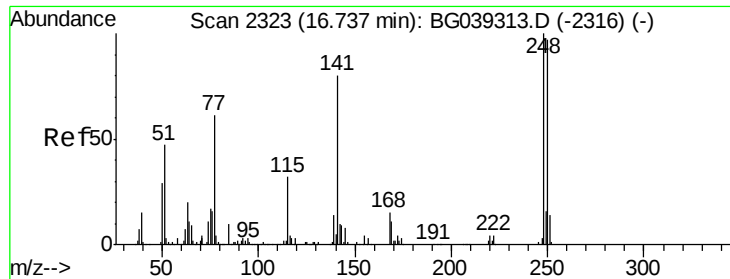


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

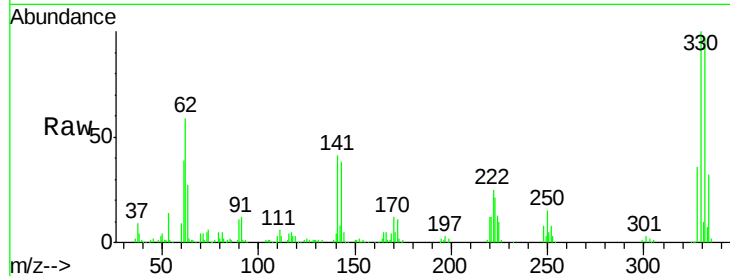




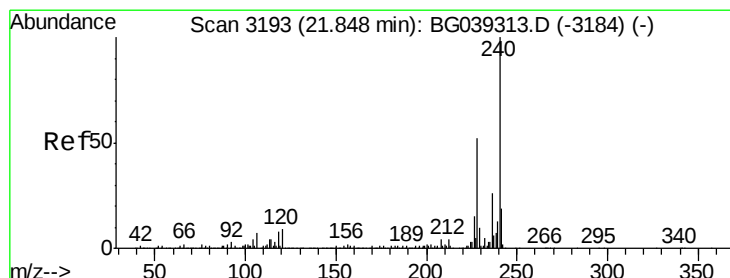
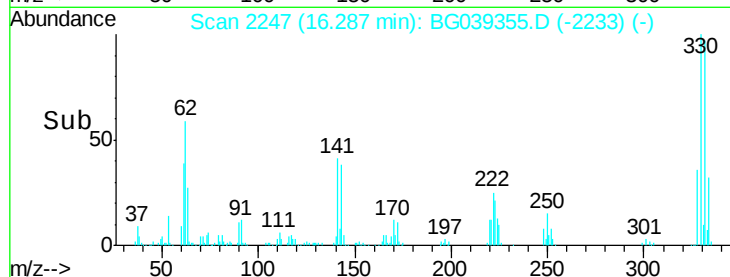
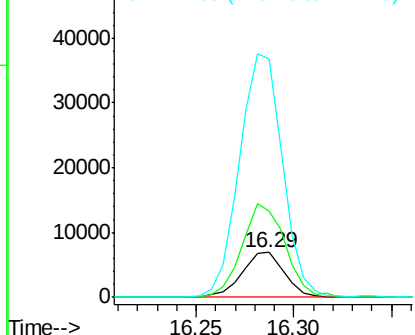
#67
 4-Bromophenyl-phenylether
 Concen: 2.862 ng
 RT: 16.29 min Scan# 2247
 Delta R.T. -0.45 min
 Lab File: BG039355.D
 Acq: 1 Feb 2019 23:09

Instrument :
 BNA_G
 ClientSampleId :
 013019-SIDI-E-D-M

Tgt Ion:248 Resp: 10514
 Ion Ratio Lower Upper
 248 100
 250 192.6 77.6 116.4#
 141 528.8 63.9 95.9#

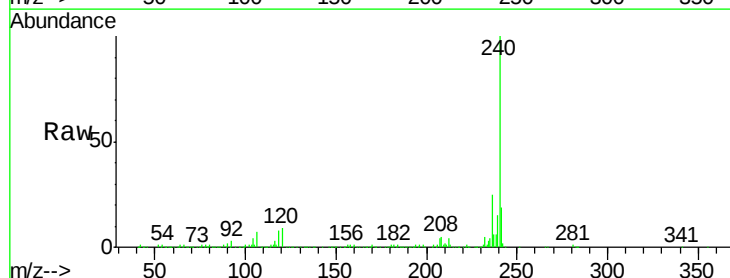


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

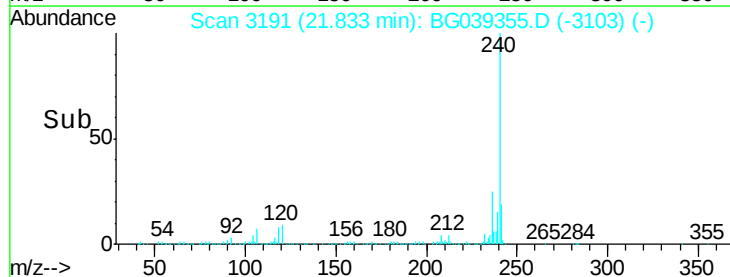
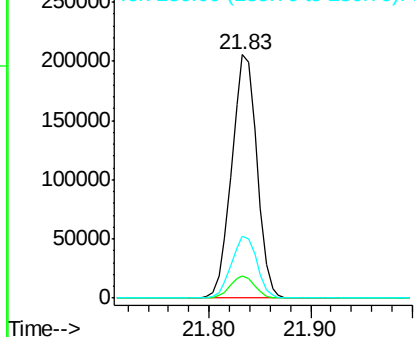


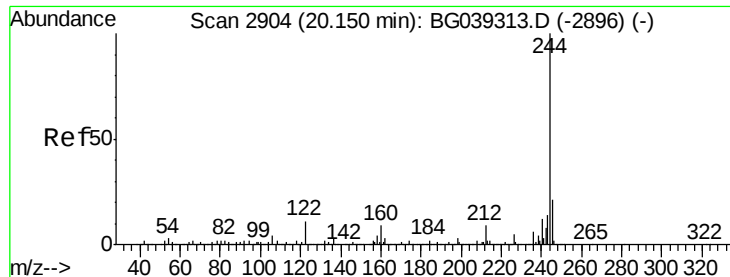
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3191
 Delta R.T. -0.02 min
 Lab File: BG039355.D
 Acq: 1 Feb 2019 23:09

Tgt Ion:240 Resp: 354210
 Ion Ratio Lower Upper
 240 100
 120 9.3 7.0 10.6
 236 25.3 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: 77.380 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

Instrument :

BNA_G

ClientSampleId :

013019-SIDI-E-D-M

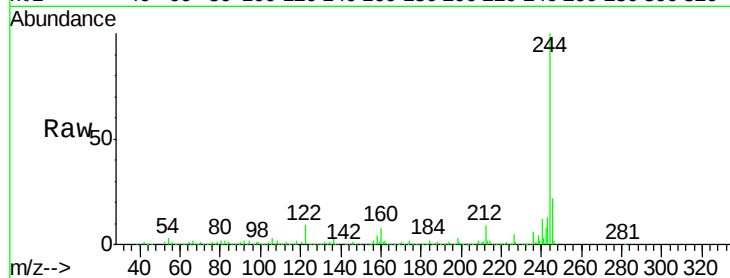
Tgt Ion:244 Resp: 1294893

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

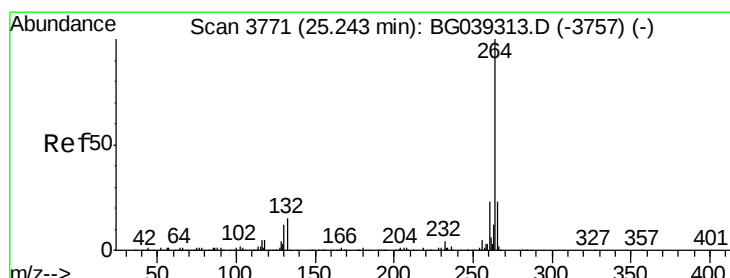
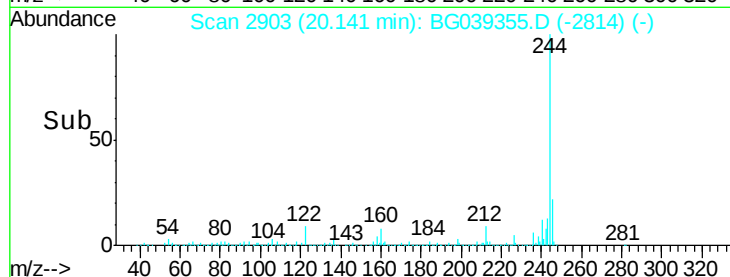
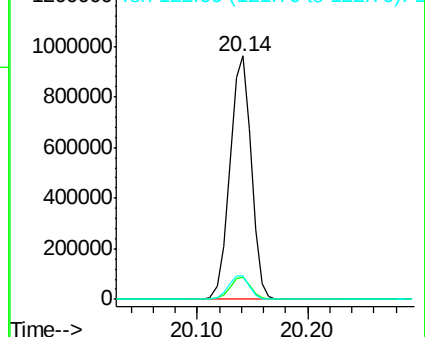
122 9.4 8.4 12.6



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: 25.22 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039355.D

Acq: 1 Feb 2019 23:09

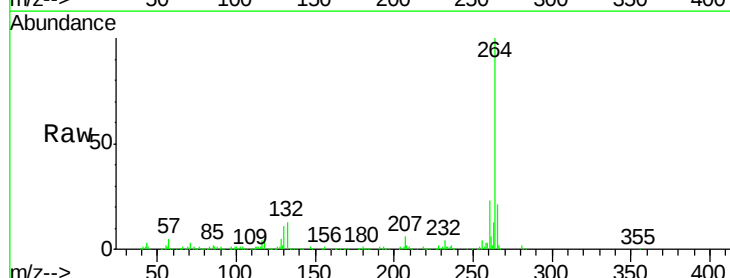
Tgt Ion:264 Resp: 355369

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.4 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

