

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
 Data File : BG043075.D
 Acq On : 7 Oct 2019 19:48
 Operator : JU
 Sample : K5154-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-102D

Quant Time: Oct 08 02:55:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

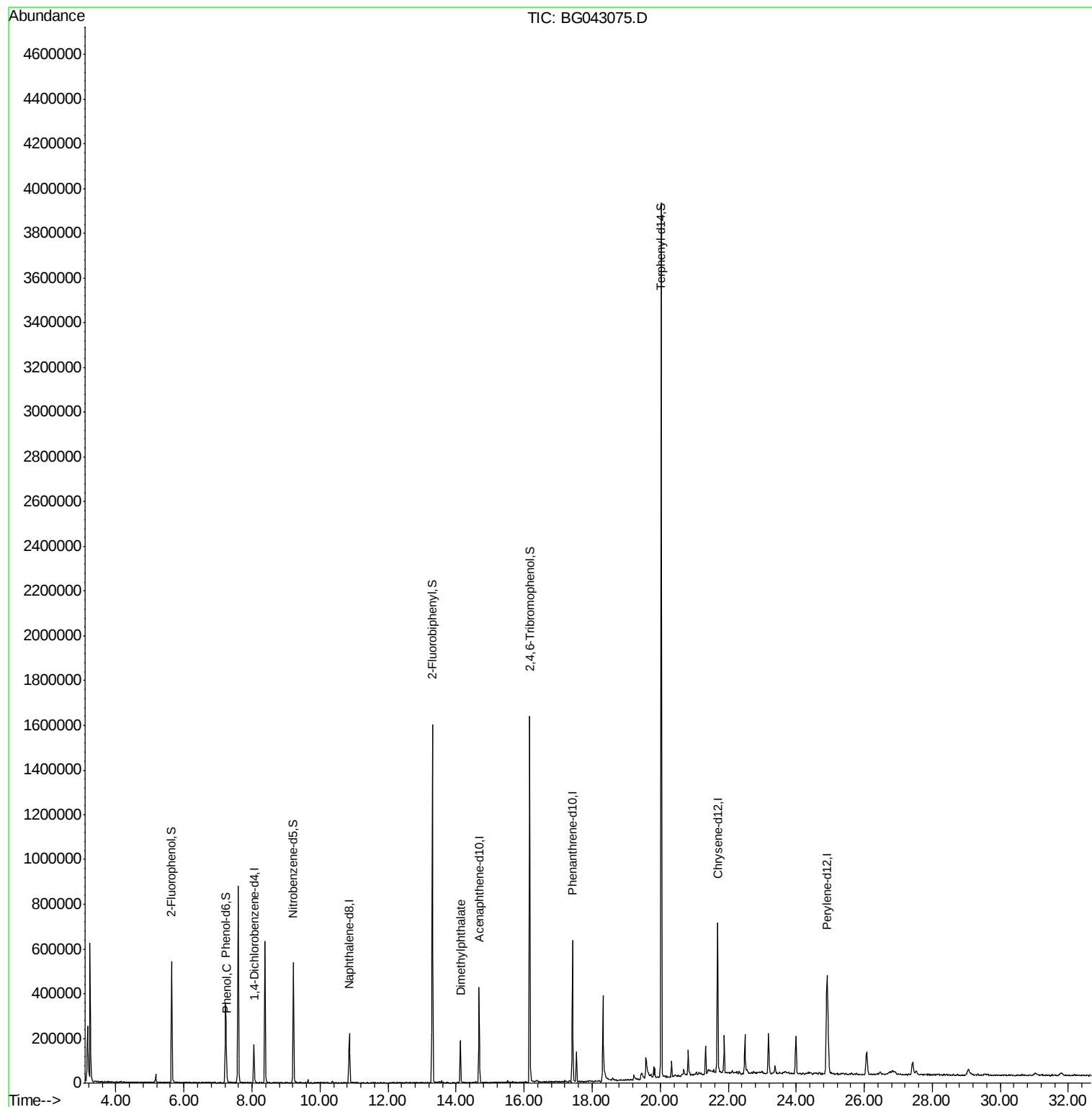
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50545	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	195798	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	157323	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	406146	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	438414	20.00	ng	-0.03
87) Perylene-d12	24.90	264	515358	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	235016	82.98	ng	-0.02
7) Phenol-d6	7.23	99	214493	52.59	ng	-0.01
23) Nitrobenzene-d5	9.22	82	326658	81.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	370304	136.88	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	893311	82.32	ng	-0.02
79) Terphenyl-d14	20.03	244	1926854	93.65	ng	-0.01
Target Compounds						
10) Phenol	7.25	94	25586	6.838	ng	Qvalue 97
50) Dimethylphthalate	14.13	163	133312	11.309	ng	# 97

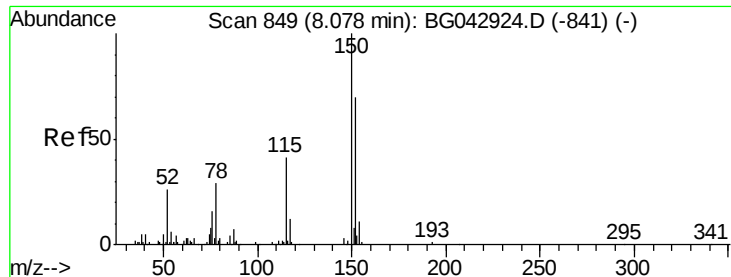
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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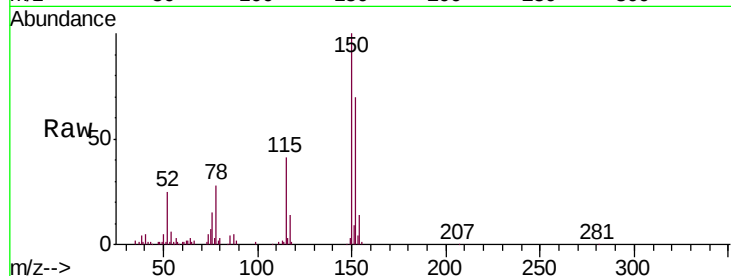


#1

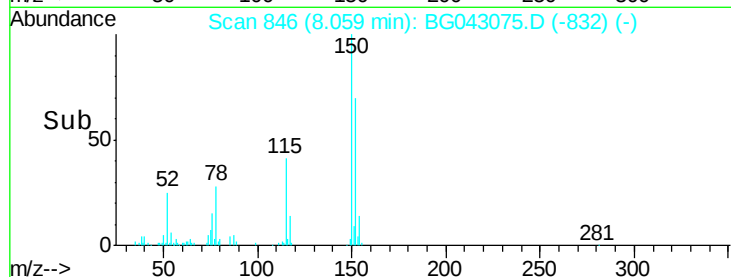
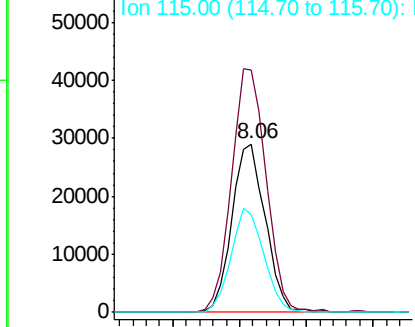
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Instrument :
BNA_G
ClientSampled :
MW-102D

Tgt Ion:152 Resp: 50545
Ion Ratio Lower Upper
152 100
150 143.4 115.0 172.4
115 58.1 47.0 70.6



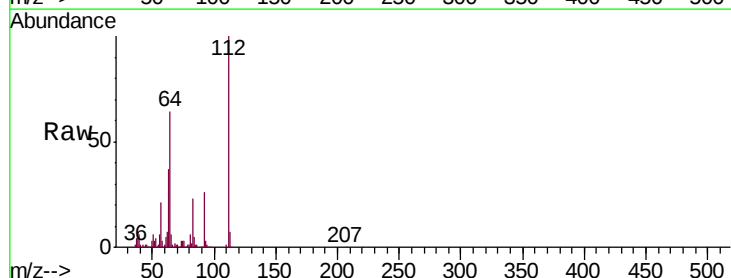
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



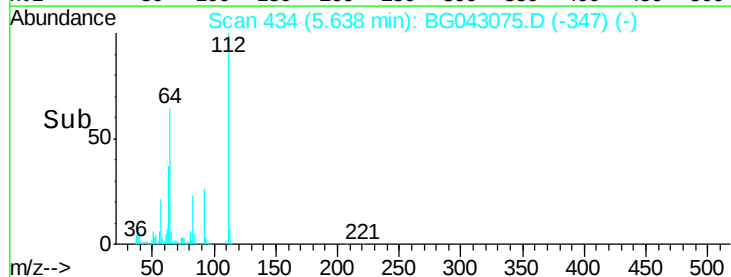
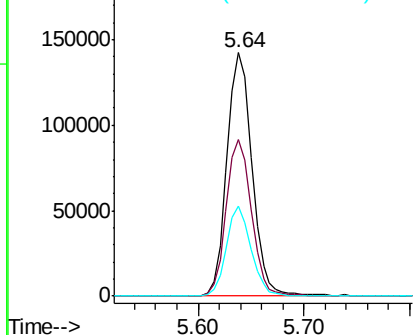
#5

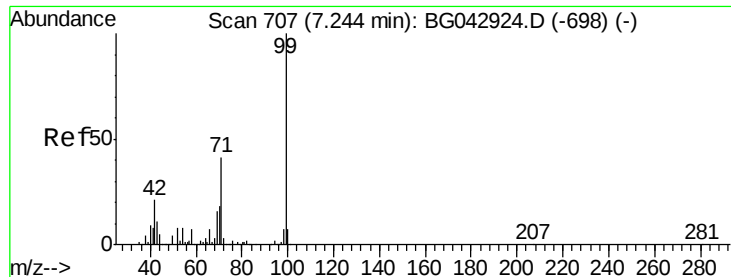
2-Fluorophenol
Concen: 82.978 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Tgt Ion:112 Resp: 235016
Ion Ratio Lower Upper
112 100
64 64.3 56.6 84.8
63 36.7 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 52.590 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043075.D

Acq: 7 Oct 2019 19:48

Instrument :

BNA_G

ClientSampleId :

MW-102D

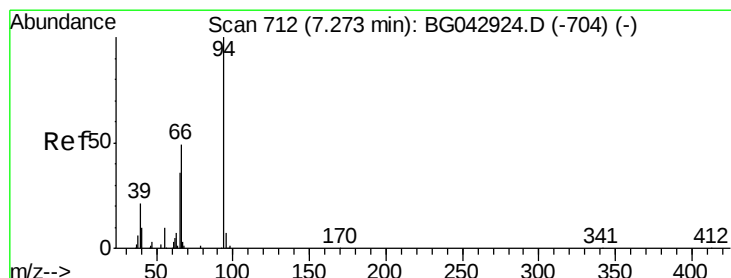
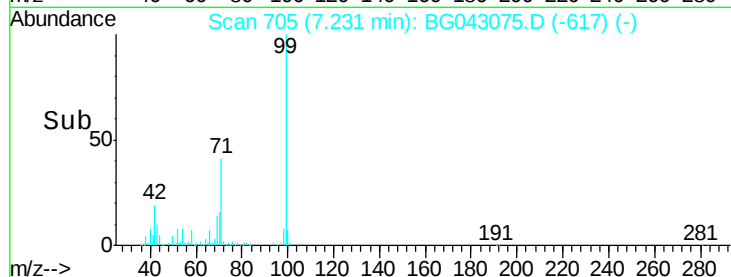
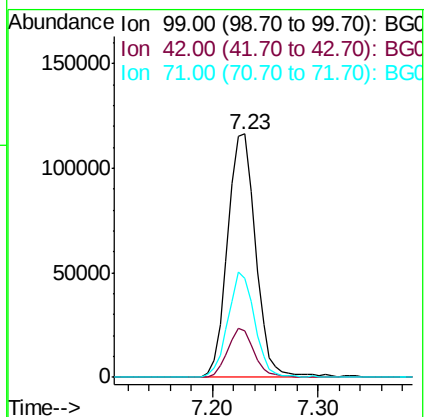
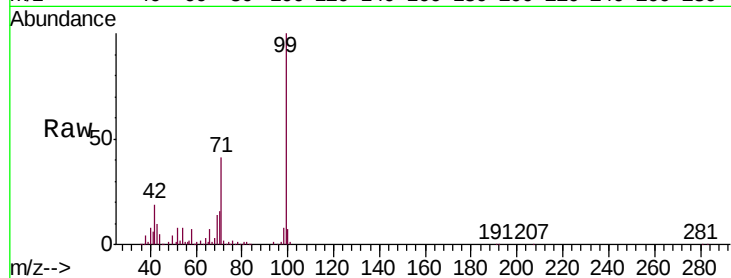
Tgt Ion: 99 Resp: 214493

Ion Ratio Lower Upper

99 100

42 19.2 17.2 25.8

71 40.9 33.1 49.7



#10

Phenol

Concen: 6.838 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG043075.D

Acq: 7 Oct 2019 19:48

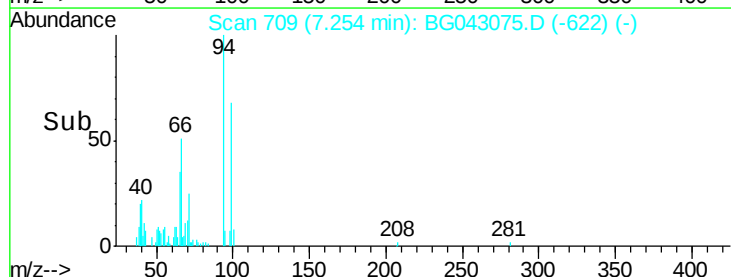
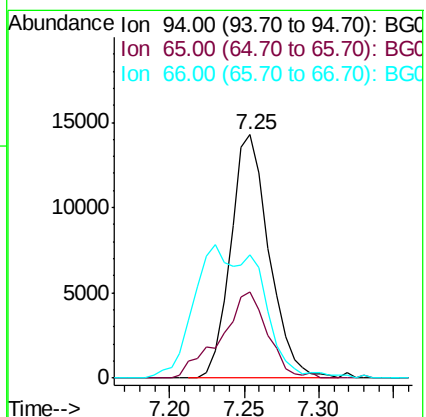
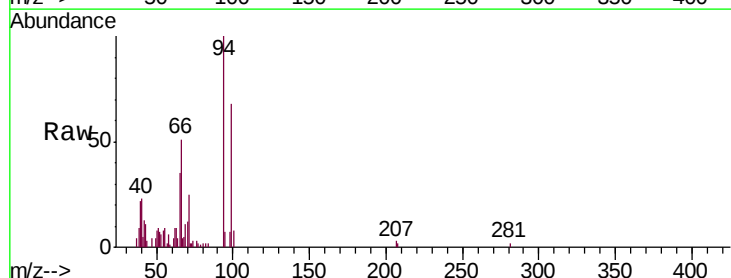
Tgt Ion: 94 Resp: 25586

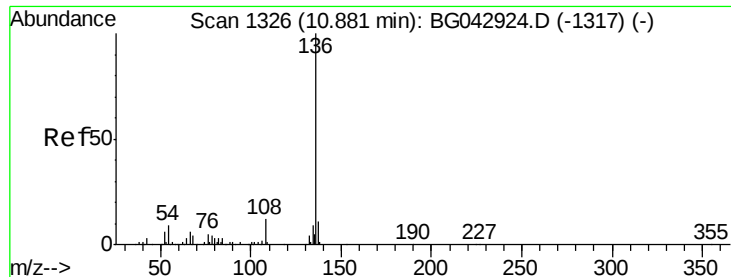
Ion Ratio Lower Upper

94 100

65 35.2 16.6 56.6

66 50.5 32.4 72.4

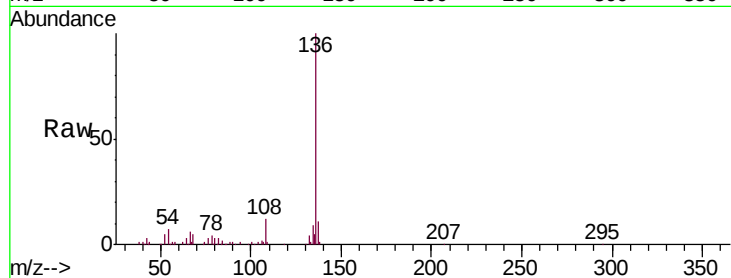




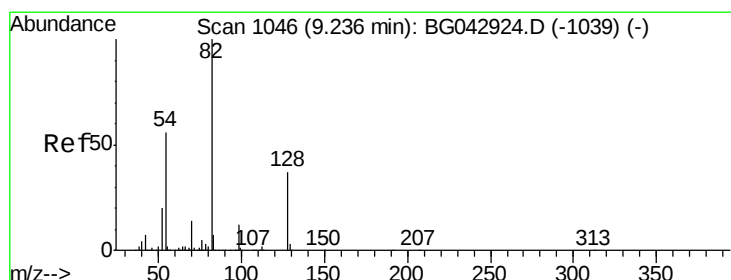
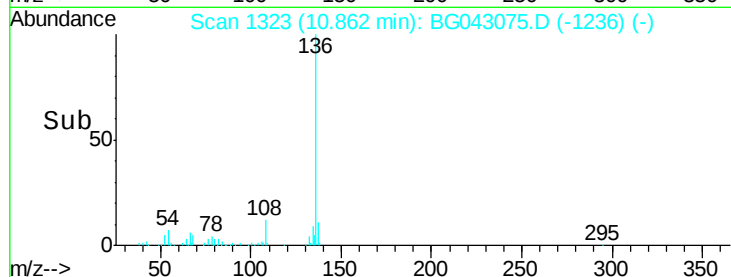
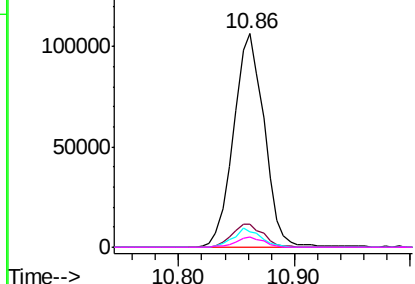
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:	136	Resp:	195798
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	7.4	11.2#
68	5.0	3.6	5.4

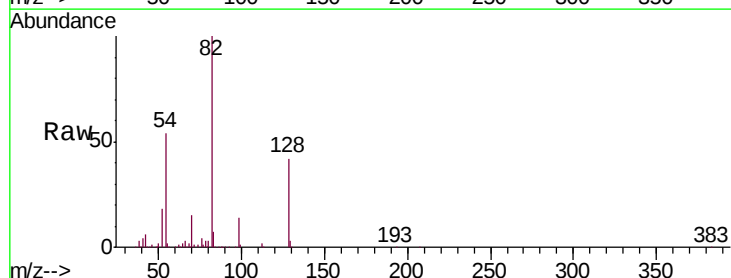


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

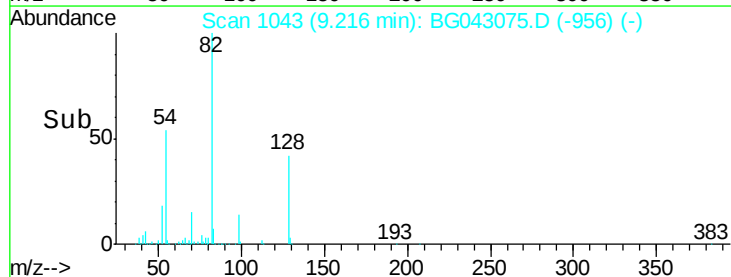
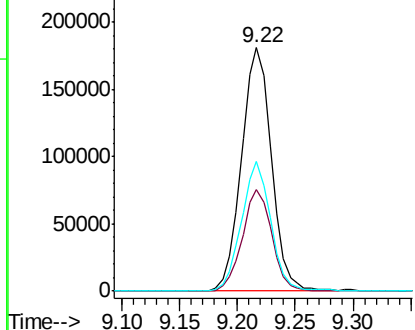


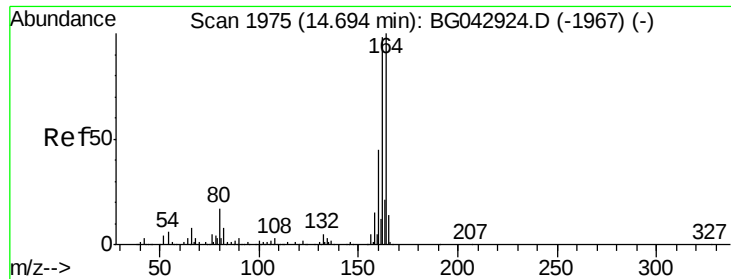
#23
Nitrobenzene-d5
Concen: 81.090 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Tgt Ion:	82	Resp:	326658
Ion	Ratio	Lower	Upper
82	100		
128	41.9	29.5	44.3
54	53.5	44.6	67.0



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: 14.67 min Scan# 1972

Delta R.T. -0.02 min

Lab File: BG043075.D

Acq: 7 Oct 2019 19:48

Instrument :

BNA_G

ClientSampleId :

MW-102D

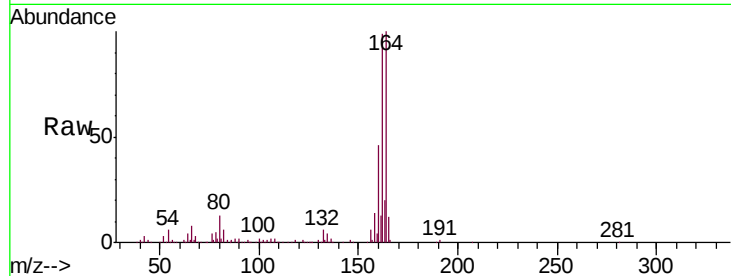
Tgt Ion:164 Resp: 157323

Ion Ratio Lower Upper

164 100

162 99.4 78.5 117.7

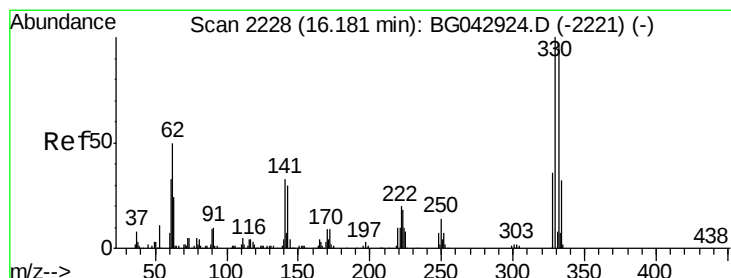
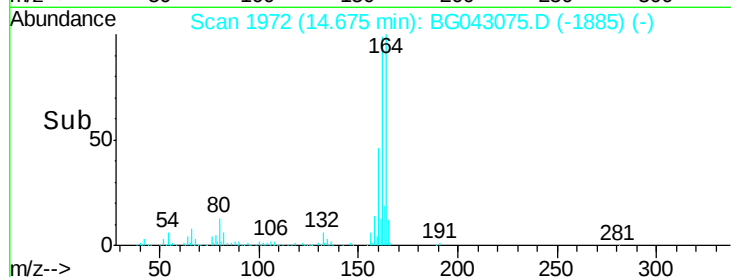
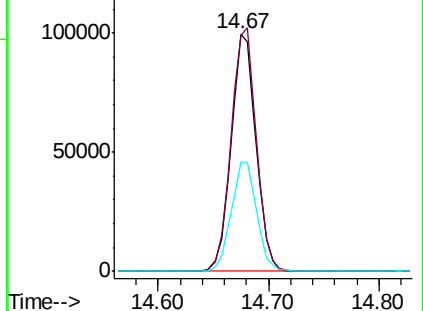
160 46.0 35.9 53.9



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: 136.883 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043075.D

Acq: 7 Oct 2019 19:48

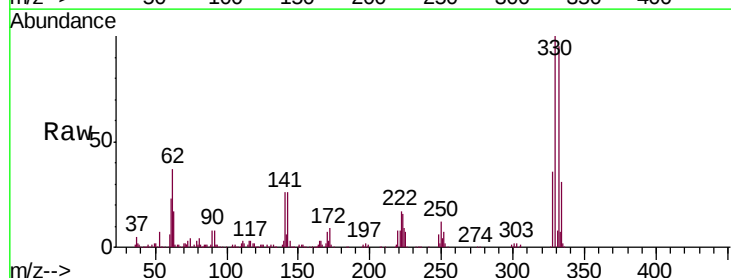
Tgt Ion:330 Resp: 370304

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.2

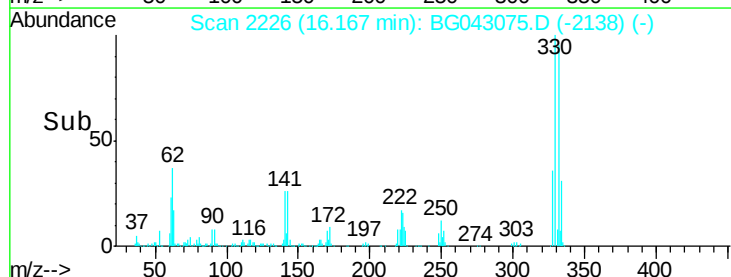
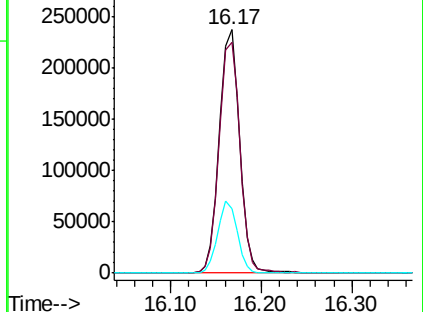
141 28.5 26.0 39.0

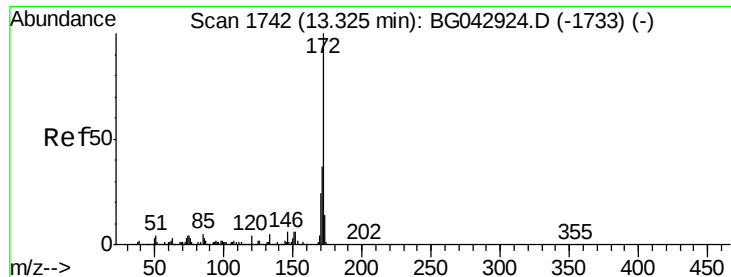


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

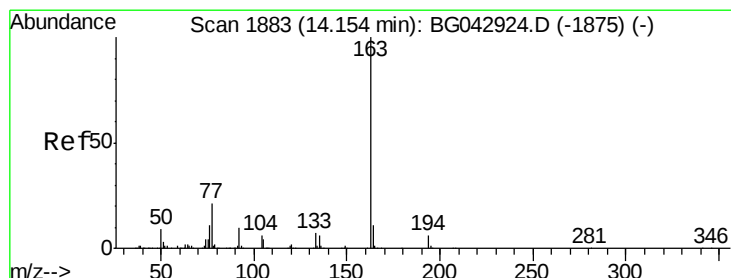
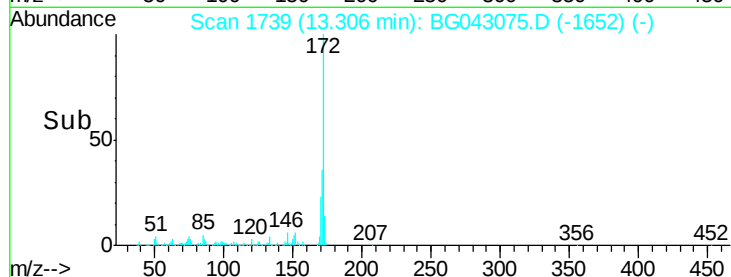
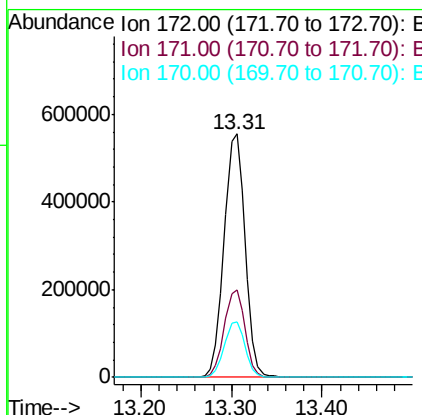
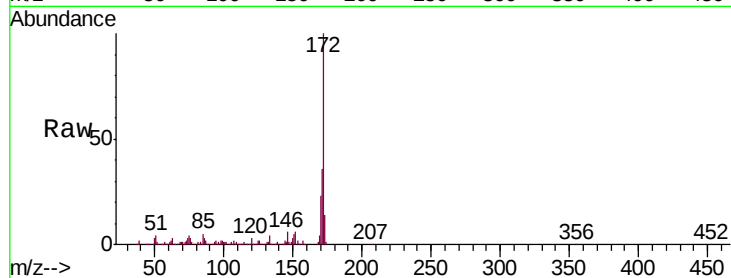




#45
 2-Fluorobiphenyl
 Concen: 82.317 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043075.D
 Acq: 7 Oct 2019 19:48

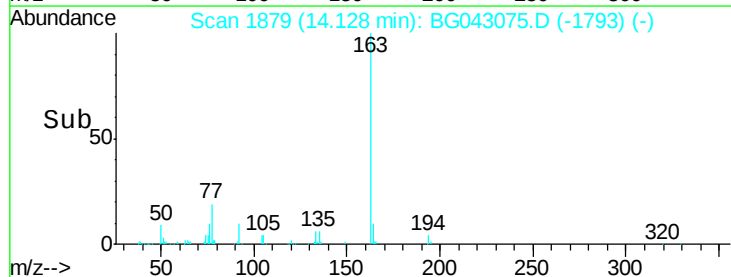
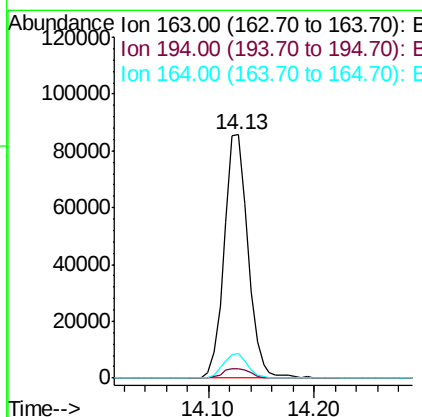
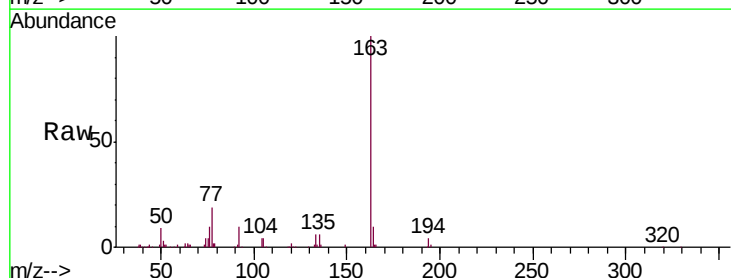
Instrument :
 BNA_G
 ClientSampleId :
 MW-102D

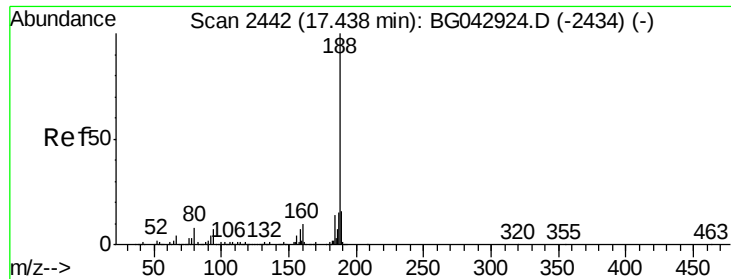
Tgt Ion:172 Resp: 893311
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 22.9 19.6 29.4



#50
 Dimethylphthalate
 Concen: 11.309 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.03 min
 Lab File: BG043075.D
 Acq: 7 Oct 2019 19:48

Tgt Ion:163 Resp: 133312
 Ion Ratio Lower Upper
 163 100
 194 4.0 4.4 6.6#
 164 10.1 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BG043075.D

Acq: 7 Oct 2019 19:48

Instrument :

BNA_G

ClientSampleId :

MW-102D

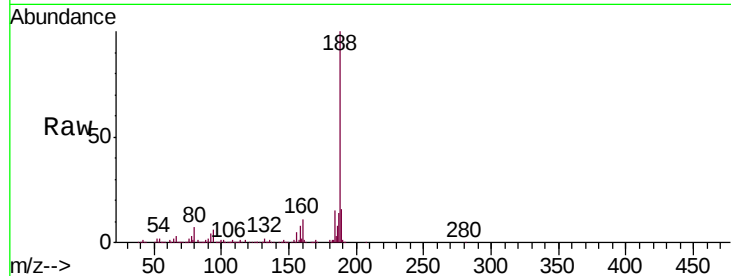
Tgt Ion:188 Resp: 406146

Ion Ratio Lower Upper

188 100

94 5.9 5.7 8.5

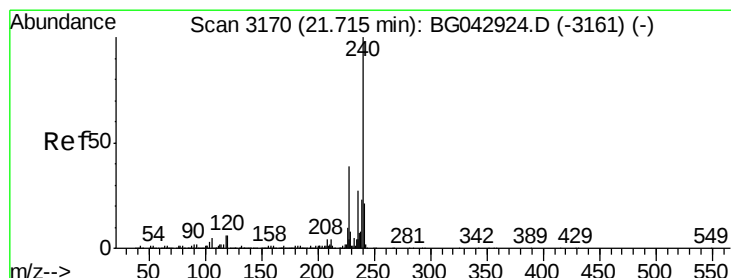
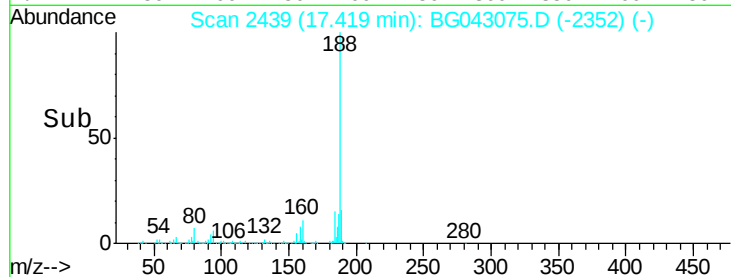
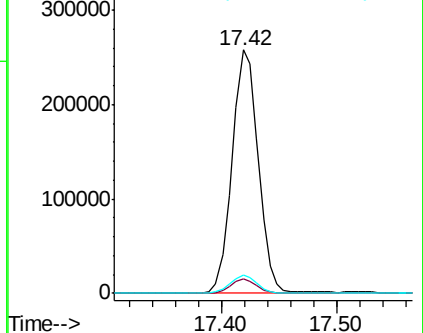
80 7.4 6.5 9.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG043075.D

Acq: 7 Oct 2019 19:48

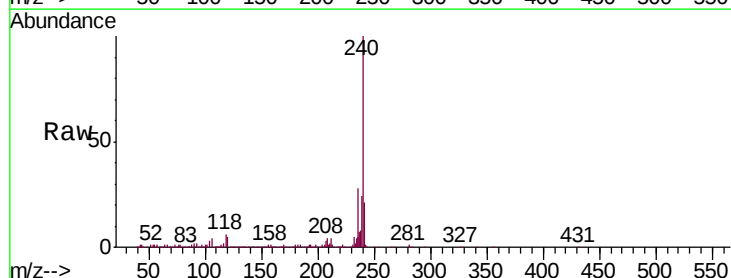
Tgt Ion:240 Resp: 438414

Ion Ratio Lower Upper

240 100

120 5.0 4.8 7.2

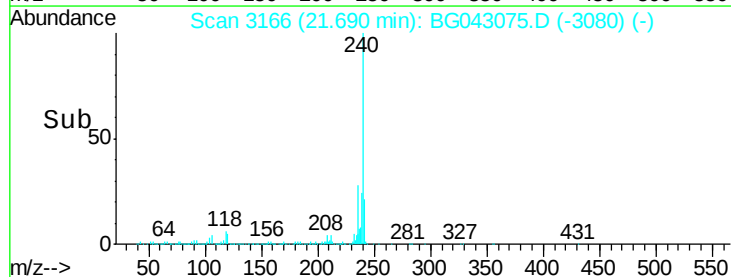
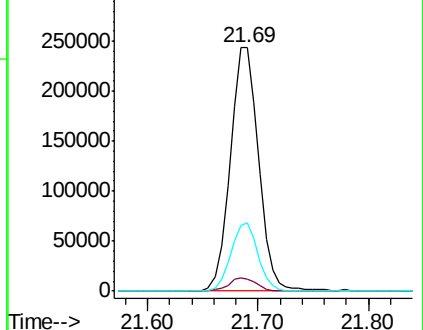
236 27.9 21.4 32.0

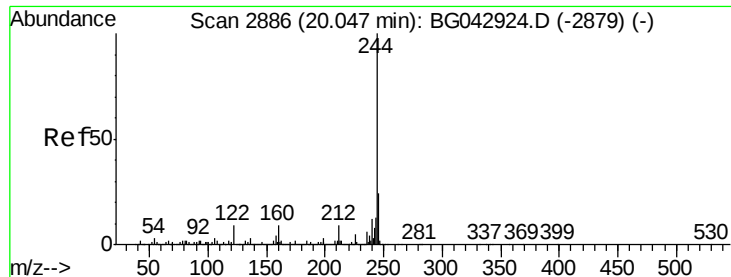


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.653 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043075.D

Acq: 7 Oct 2019 19:48

Instrument :

BNA_G

ClientSampleId :

MW-102D

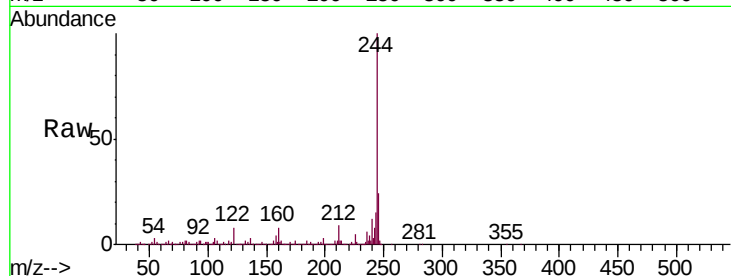
Tgt Ion:244 Resp: 1926854

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.0

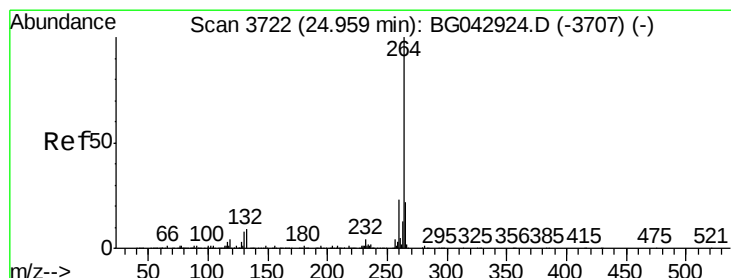
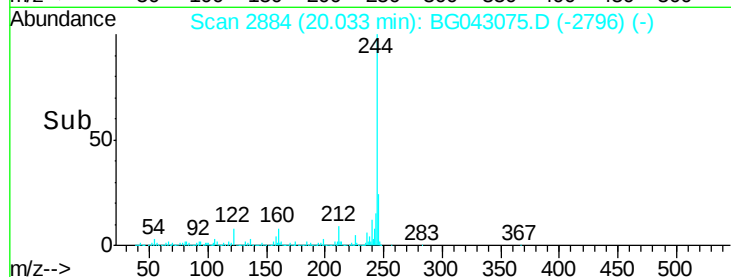
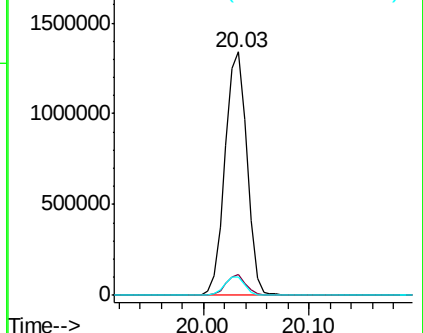
122 7.7 7.0 10.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3713

Delta R.T. -0.05 min

Lab File: BG043075.D

Acq: 7 Oct 2019 19:48

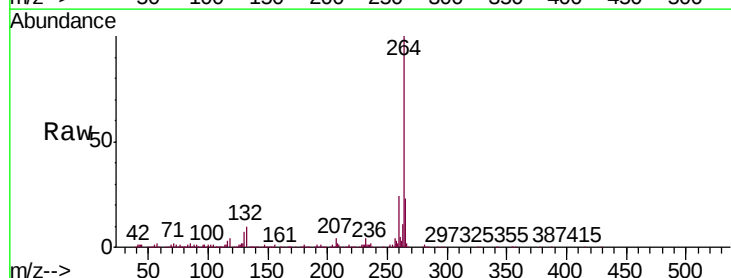
Tgt Ion:264 Resp: 515358

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.6 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

