

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040332.D
 Acq On : 3 Apr 2019 19:05
 Operator : JU/SJ
 Sample : K2176-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW24D-GW

Quant Time: Apr 04 02:07:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

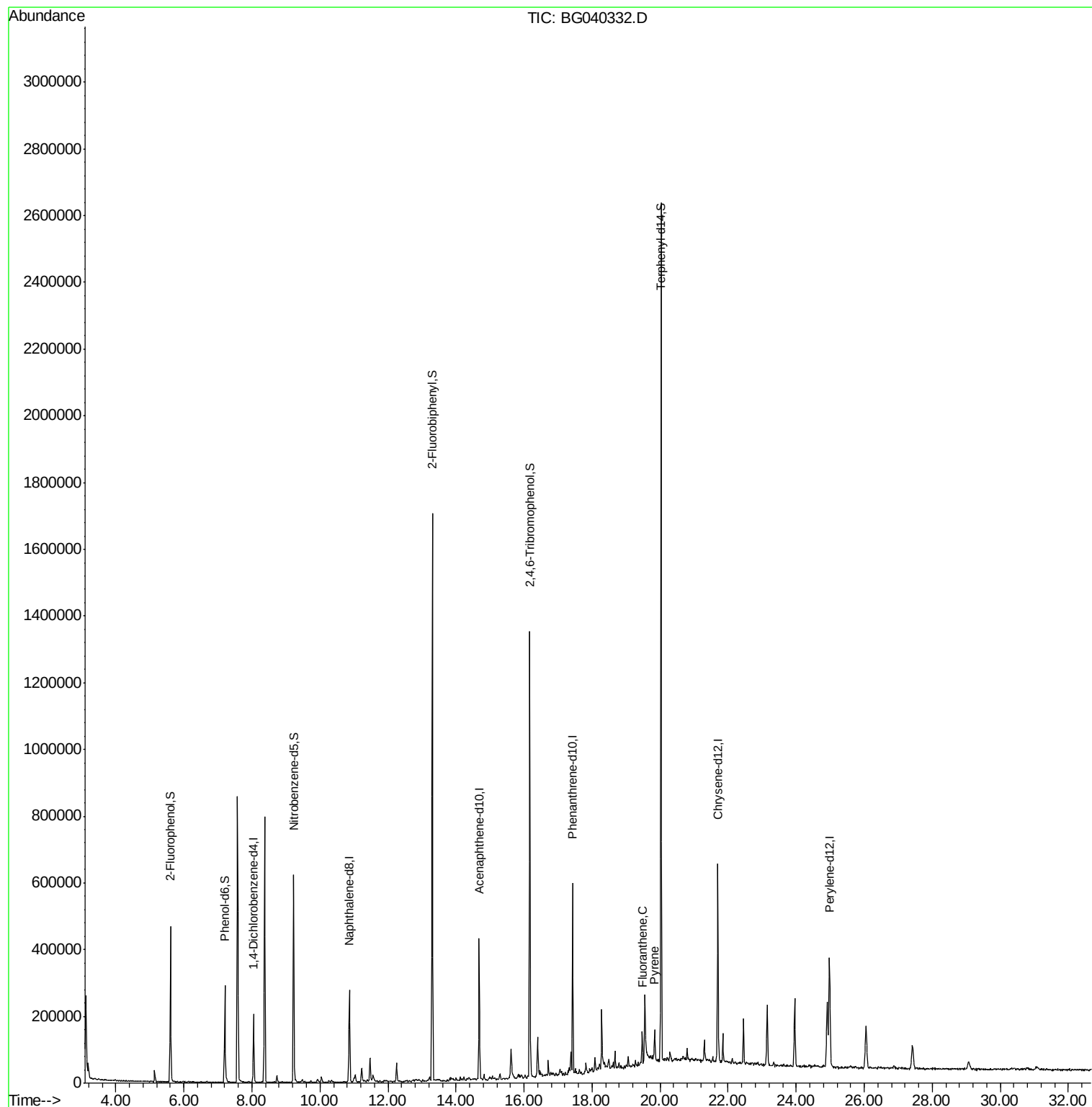
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58661	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	234247	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	140495	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	340476	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	347690	20.00	ng	-0.03
87) Perylene-d12	24.97	264	354304	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	215511	61.07	ng	-0.02
7) Phenol-d6	7.20	99	183212	37.57	ng	-0.02
23) Nitrobenzene-d5	9.22	82	387049	87.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	233738	153.94	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	881223	92.94	ng	-0.02
79) Terphenyl-d14	20.03	244	1200821	77.70	ng	-0.02
Target Compounds						
75) Fluoranthene	19.48	202	60241	2.843	ng	98
78) Pyrene	19.84	202	61746	2.701	ng	99

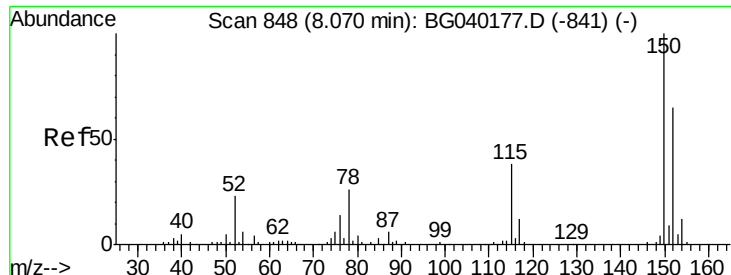
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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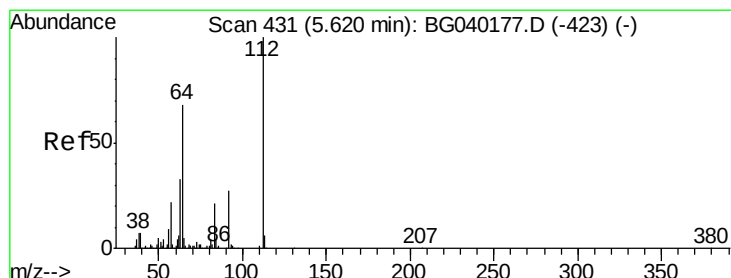
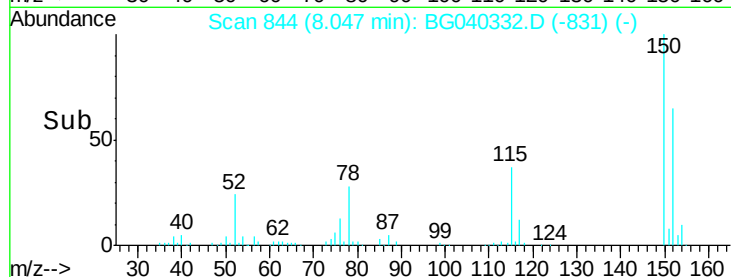
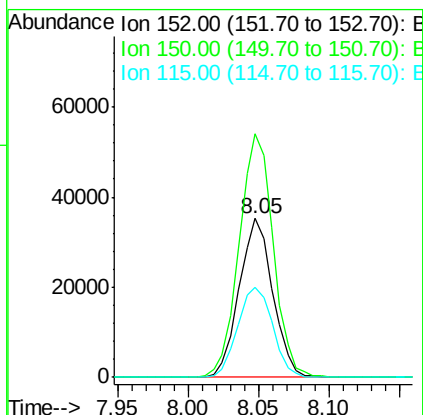
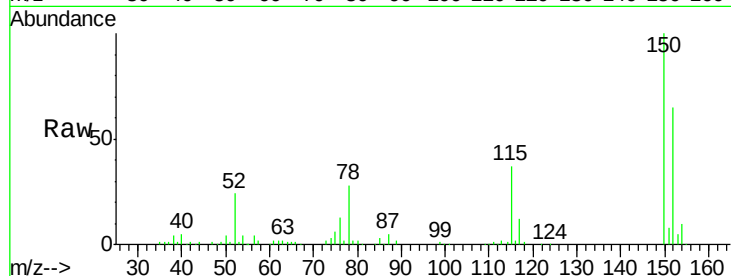


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW24D-GW

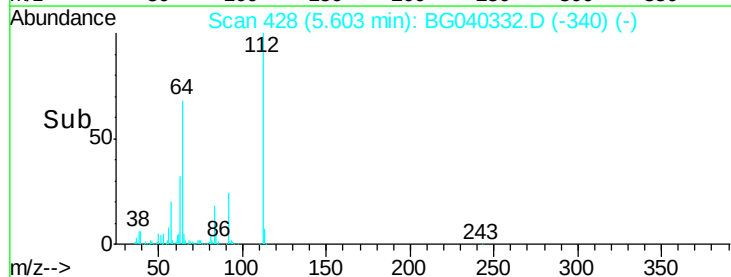
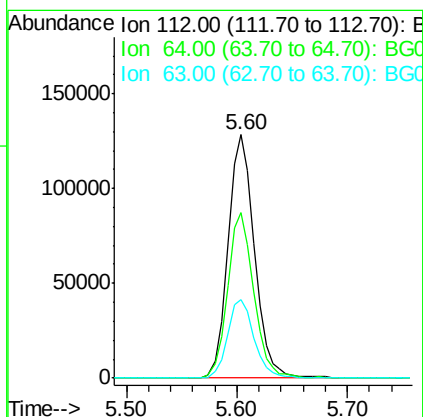
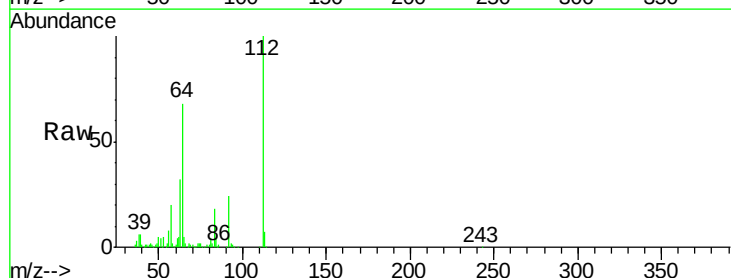
Tgt Ion:152 Resp: 58661
Ion Ratio Lower Upper
152 100
150 153.4 123.7 185.5
115 56.8 46.9 70.3

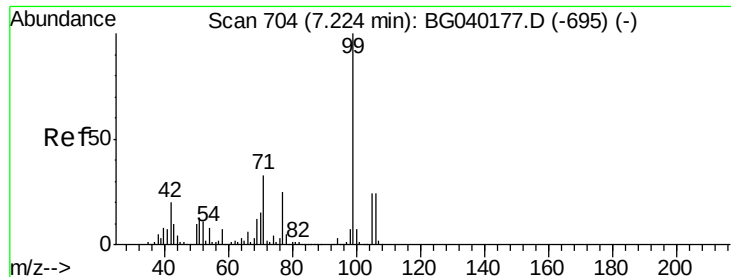


#5

2-Fluorophenol
Concen: 61.074 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

Tgt Ion:112 Resp: 215511
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.2
63 32.5 26.4 39.6





#7

Phenol-d6

Concen: 37.569 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW24D-GW

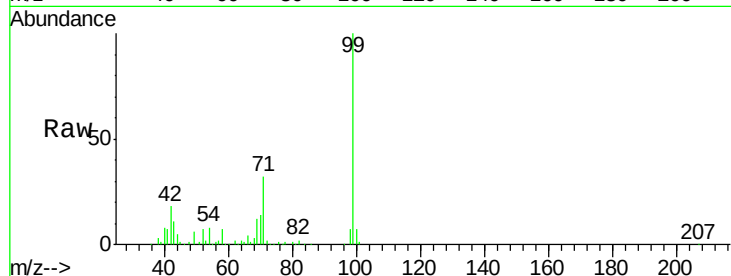
Tgt Ion: 99 Resp: 183212

Ion Ratio Lower Upper

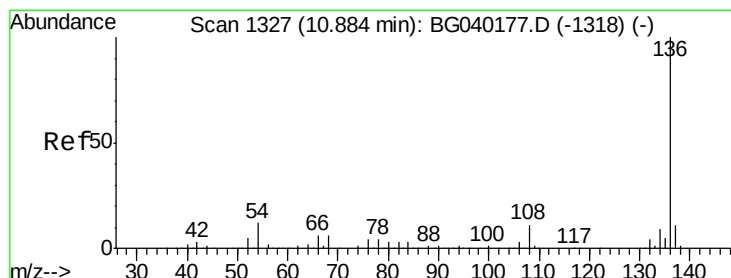
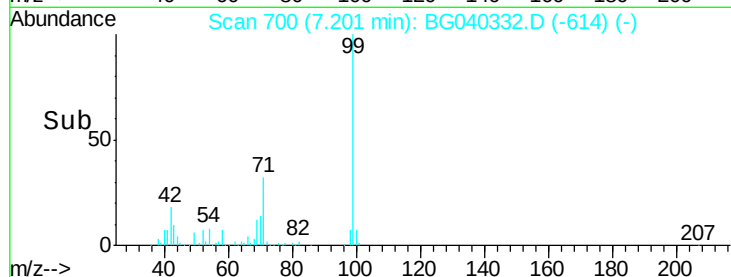
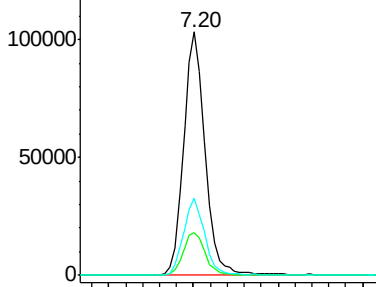
99 100

42 17.6 16.2 24.2

71 31.5 26.8 40.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

Tgt Ion: 136 Resp: 234247

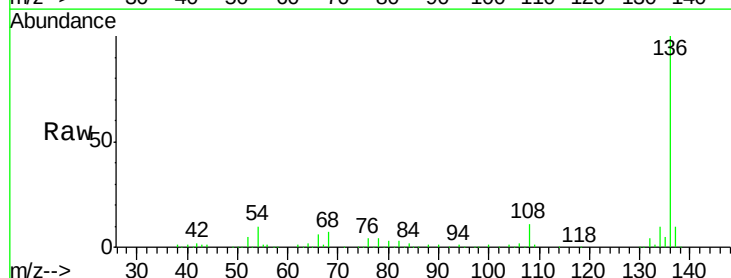
Ion Ratio Lower Upper

136 100

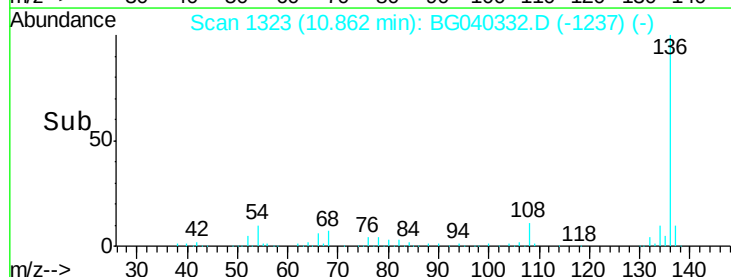
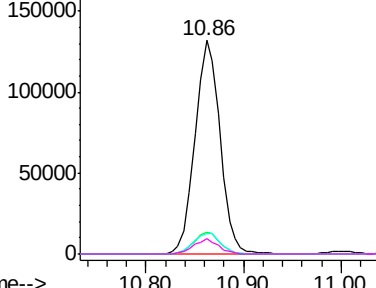
137 10.5 8.9 13.3

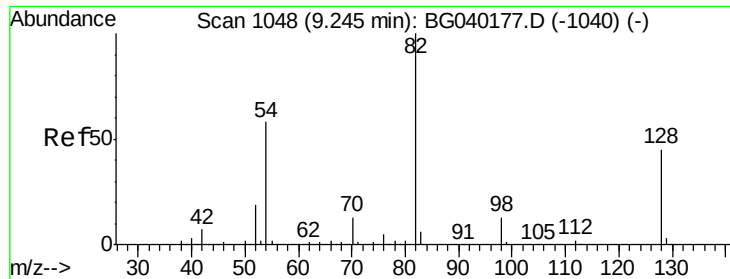
54 9.6 9.6 14.4#

68 7.4 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

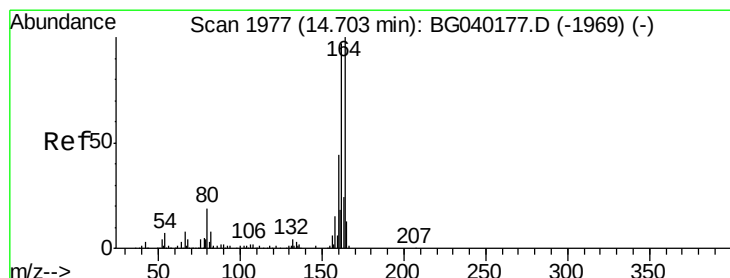
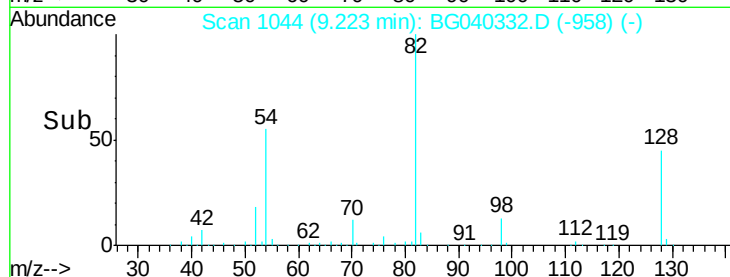
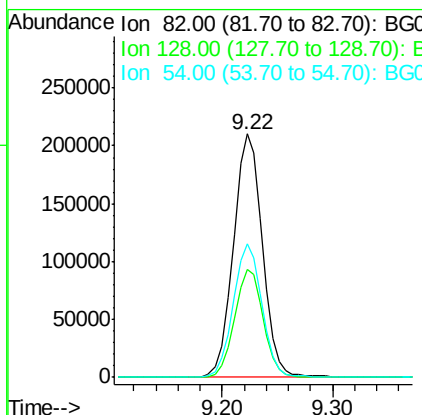
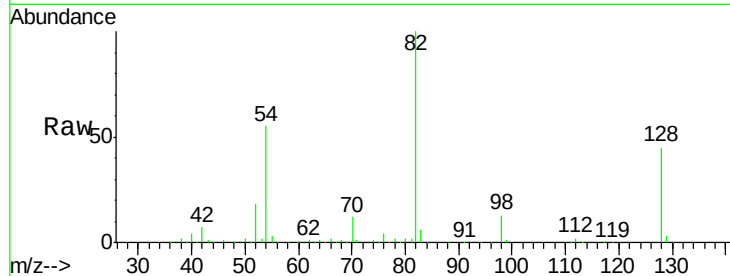




#23
 Nitrobenzene-d5
 Concen: 87.826 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040332.D
 Acq: 3 Apr 2019 19:05

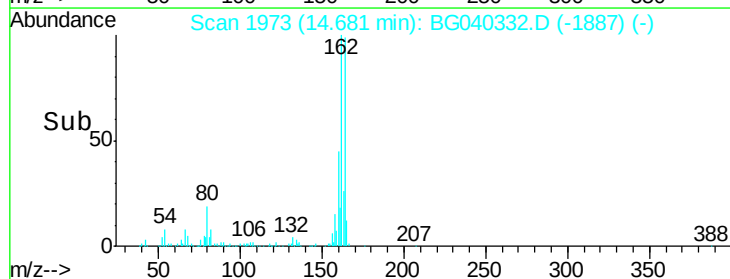
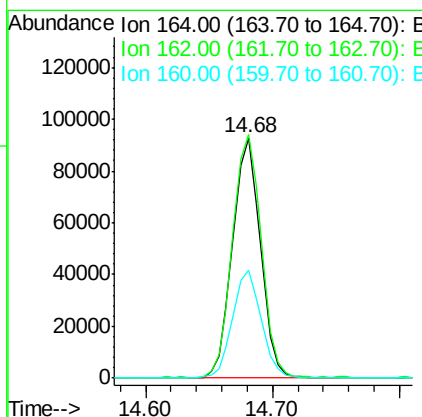
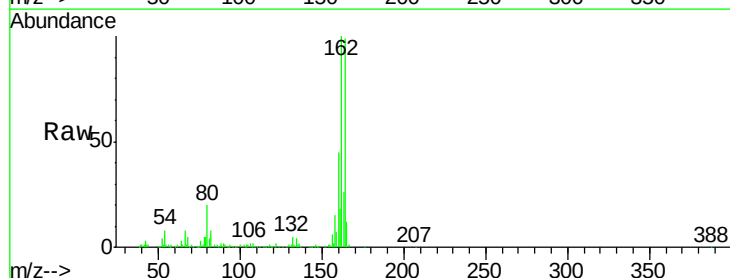
Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW24D-GW

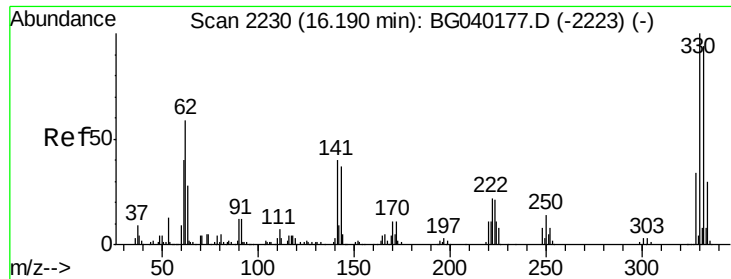
Tgt Ion: 82 Resp: 387049
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.8 53.8
 54 54.8 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040332.D
 Acq: 3 Apr 2019 19:05

Tgt Ion: 164 Resp: 140495
 Ion Ratio Lower Upper
 164 100
 162 101.3 77.4 116.2
 160 45.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 153.939 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW24D-GW

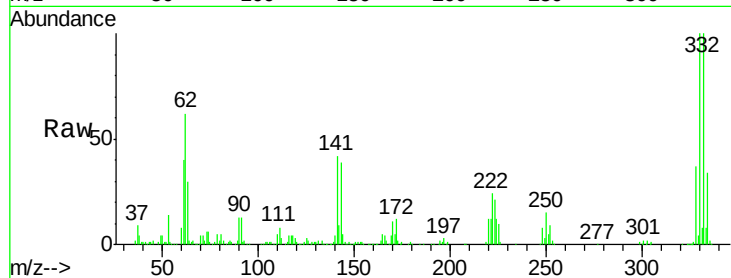
Tgt Ion:330 Resp: 233738

Ion Ratio Lower Upper

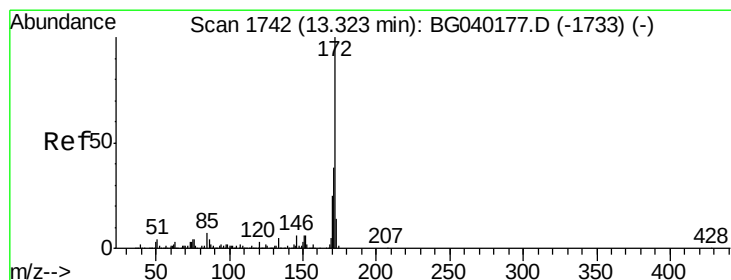
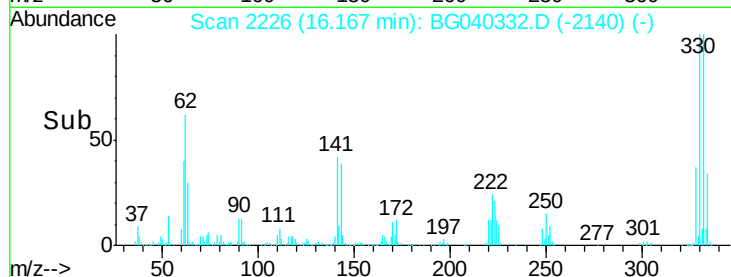
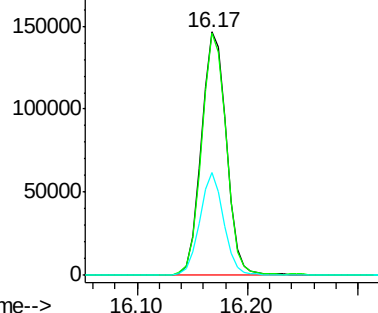
330 100

332 97.7 76.6 115.0

141 40.4 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: 92.940 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

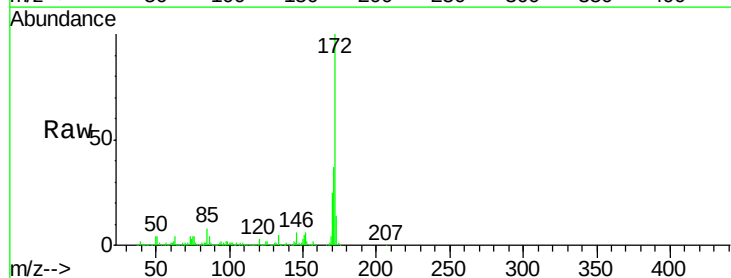
Tgt Ion:172 Resp: 881223

Ion Ratio Lower Upper

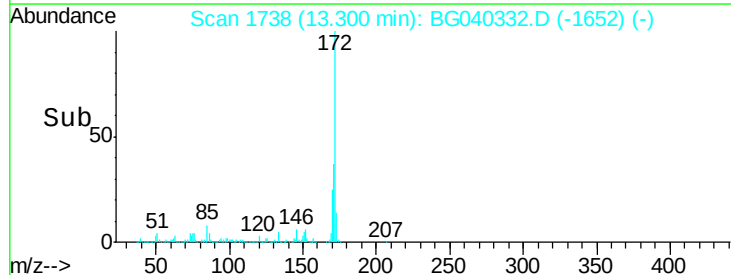
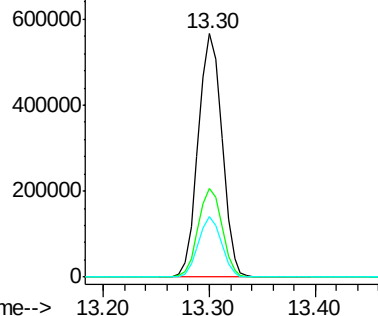
172 100

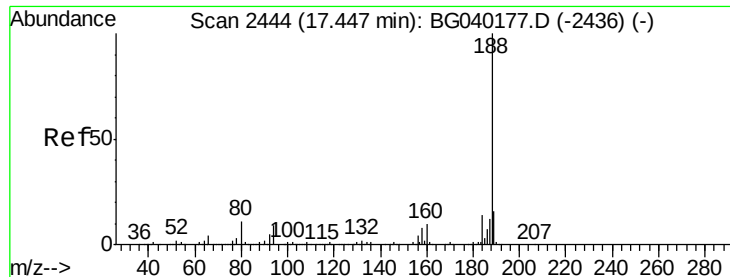
171 36.6 30.5 45.7

170 25.1 20.1 30.1



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

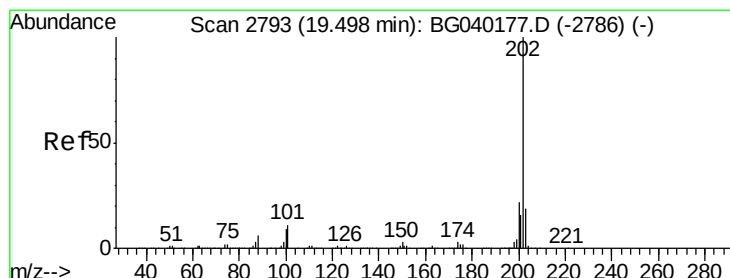
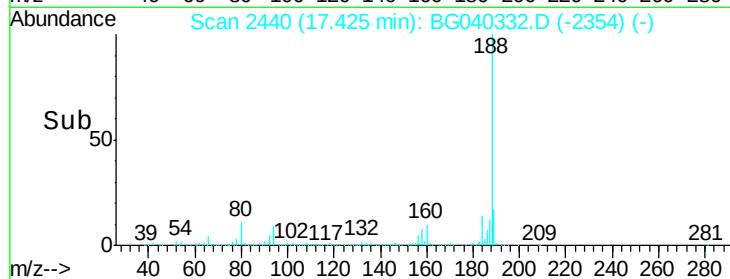
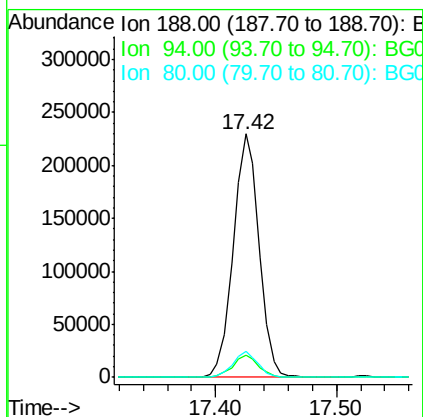
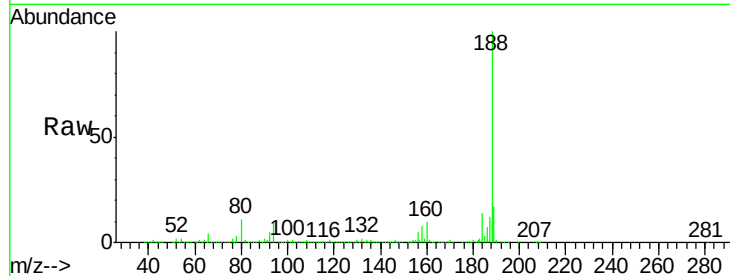




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

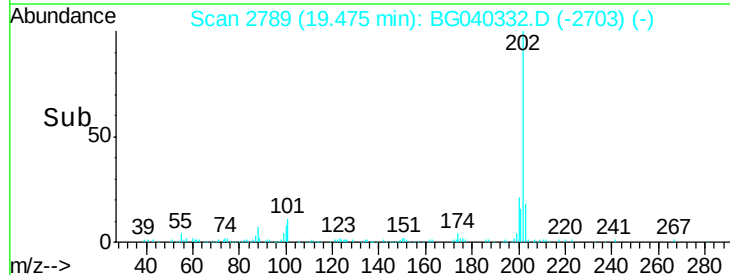
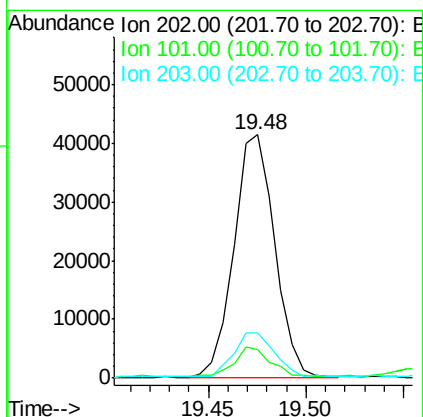
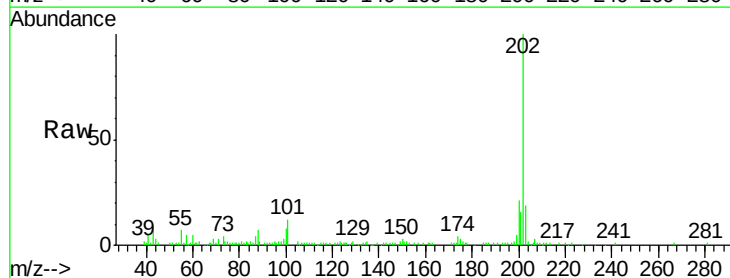
Instrument :
BNA_G
ClientSampleId :
QNWP8-MW24D-GW

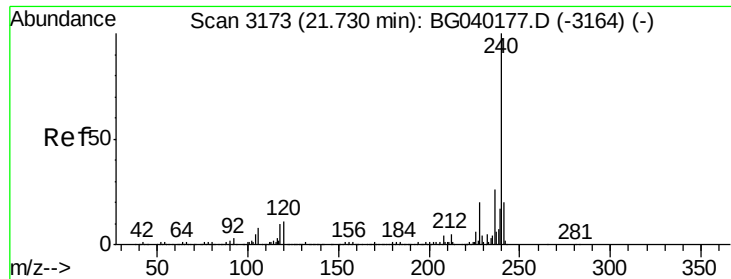
Tgt Ion:188 Resp: 340476
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.8 8.6 13.0



#75
Fluoranthene
Concen: 2.843 ng
RT: 19.48 min Scan# 2789
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

Tgt Ion:202 Resp: 60241
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.8
203 18.5 0.0 38.9

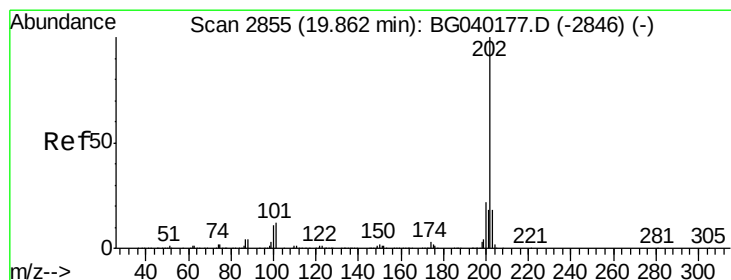
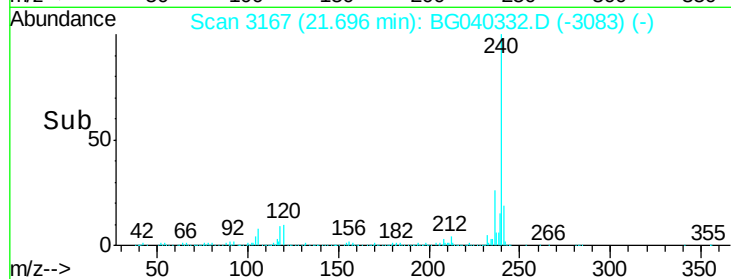
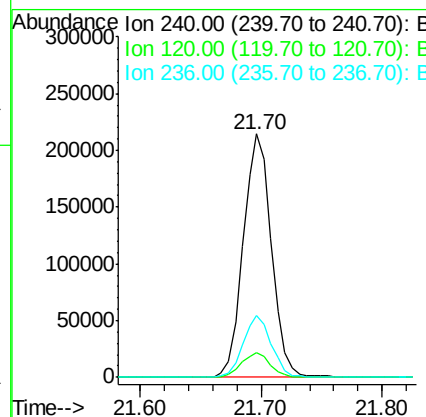
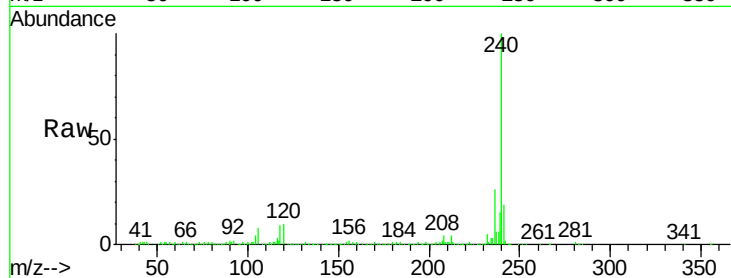




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

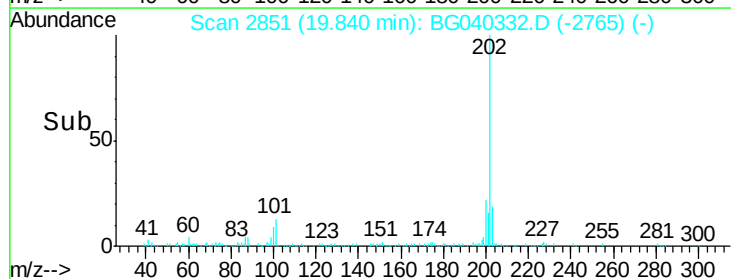
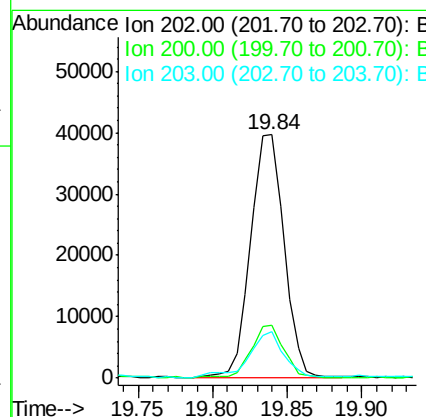
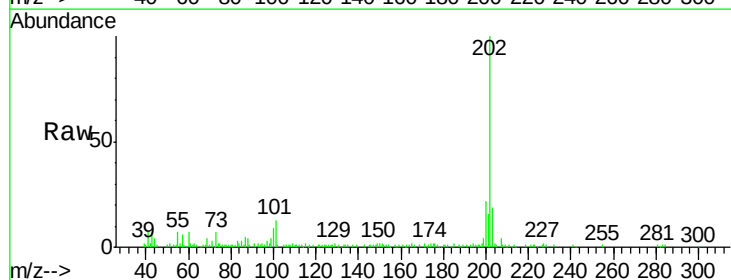
Instrument :
BNA_G
ClientSampleId :
QNWP8-MW24D-GW

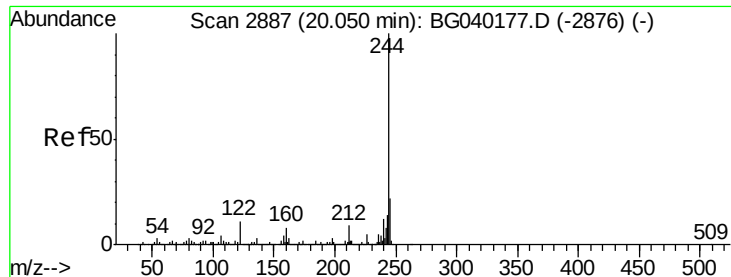
Tgt Ion:240 Resp: 347690
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 25.6 20.8 31.2



#78
Pyrene
Concen: 2.701 ng
RT: 19.84 min Scan# 2851
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

Tgt Ion:202 Resp: 61746
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 19.3 14.6 22.0





#79

Terphenyl-d14

Concen: 77.697 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW24D-GW

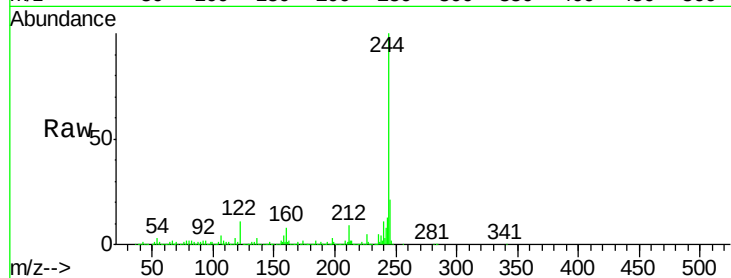
Tgt Ion:244 Resp: 1200821

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

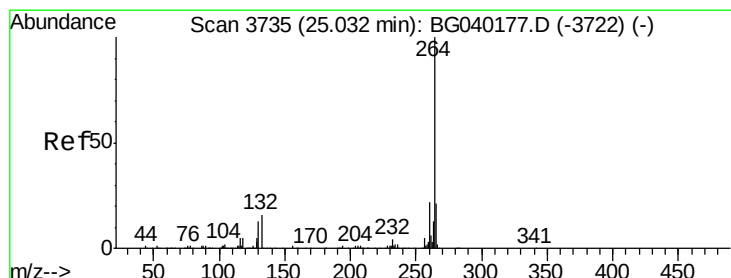
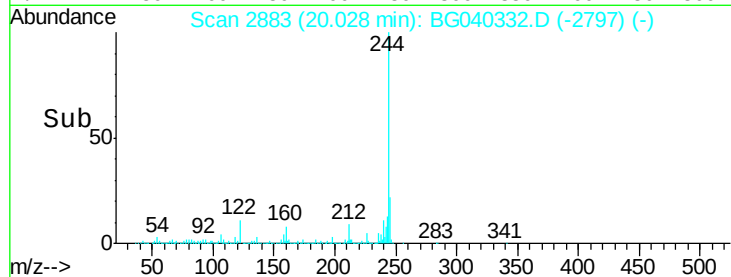
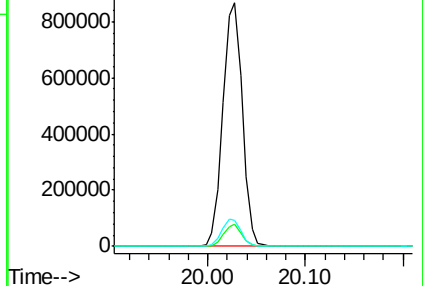
122 10.9 8.5 12.7



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: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

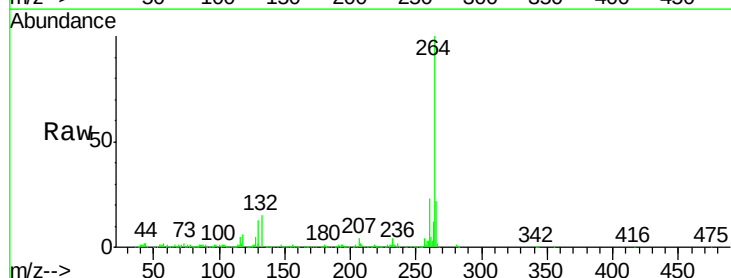
Tgt Ion:264 Resp: 354304

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.6 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

