

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043240.D
 Acq On : 16 Oct 2019 6:51
 Operator : JU
 Sample : K5355-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-31

Quant Time: Oct 16 08:29:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

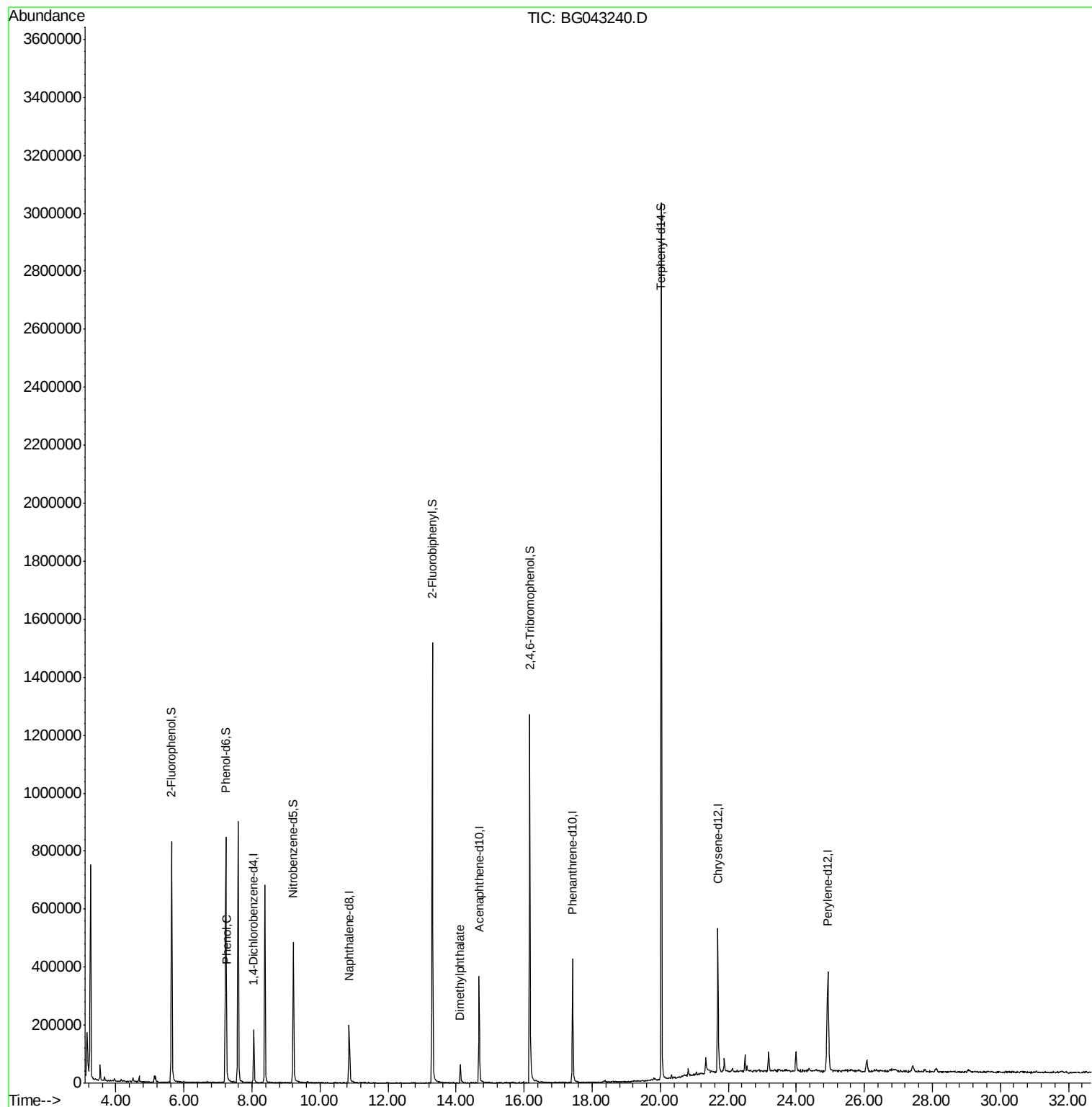
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57422	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	213218	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	144138	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	312942	20.00	ng	0.00
76) Chrysene-d12	21.70	240	344860	20.00	ng	0.00
87) Perylene-d12	24.92	264	409761	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	382234	118.79	ng	0.00
7) Phenol-d6	7.23	99	531194	114.64	ng	0.00
23) Nitrobenzene-d5	9.22	82	336838	76.79	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	318585	128.54	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	904142	90.94	ng	0.00
79) Terphenyl-d14	20.03	244	1611174	99.55	ng	0.00
Target Compounds						
10) Phenol	7.25	94	12259	2.884	ng	Qvalue # 71
50) Dimethylphthalate	14.13	163	52151	4.829	ng	97

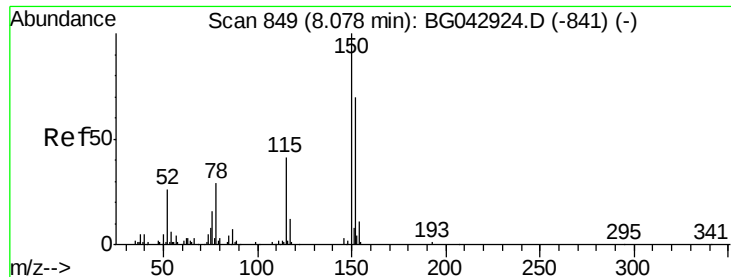
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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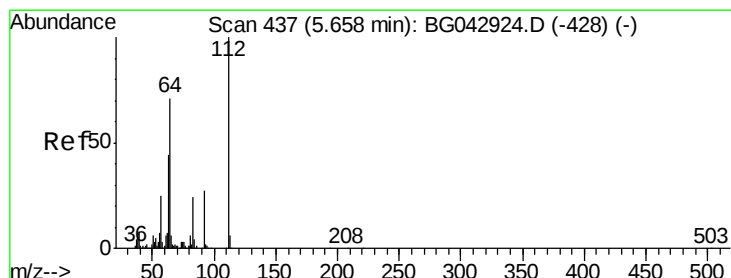
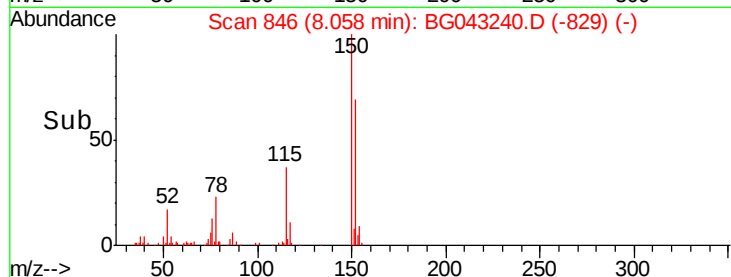
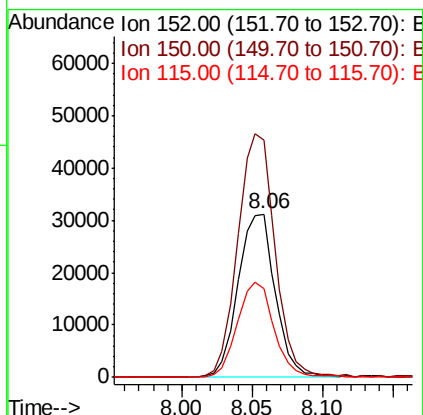
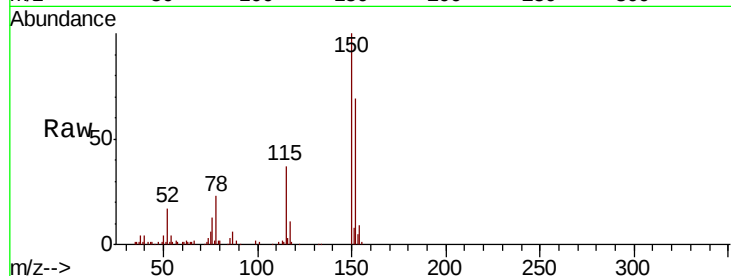


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043240.D
Acq: 16 Oct 2019 6:51

Instrument :
BNA_G
ClientSampleId :
COMP-31

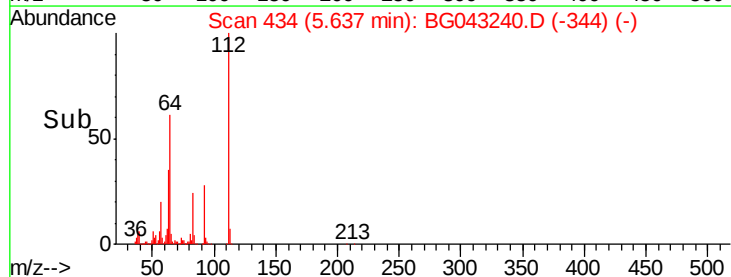
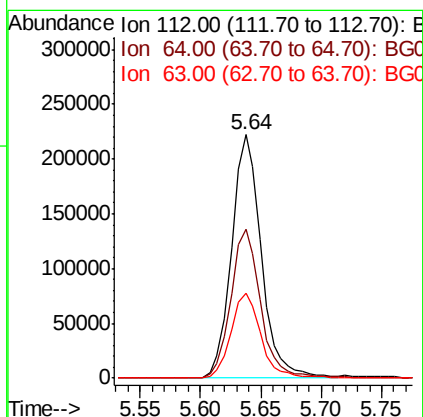
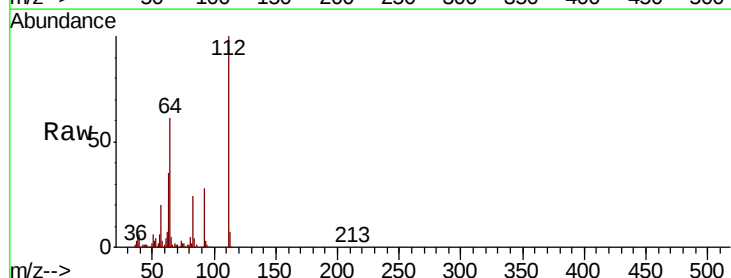
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	115.0	172.4
115	54.2	47.0	70.6

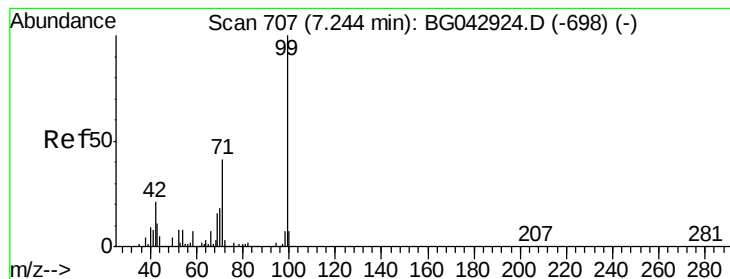


#5

2-Fluorophenol
Concen: 118.795 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG043240.D
Acq: 16 Oct 2019 6:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	56.6	84.8
63	35.1	35.1	52.7





#7

Phenol-d6

Concen: 114.641 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043240.D

Acq: 16 Oct 2019 6:51

Instrument :

BNA_G

ClientSampleId :

COMP-31

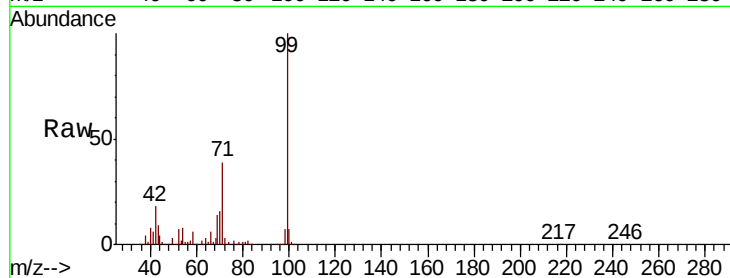
Tot Ion: 99 Resp: 531194

Ion Ratio Lower Upper

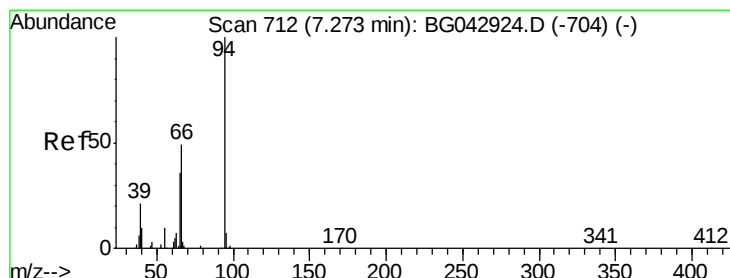
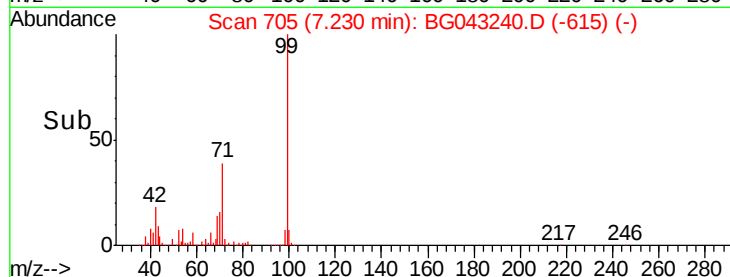
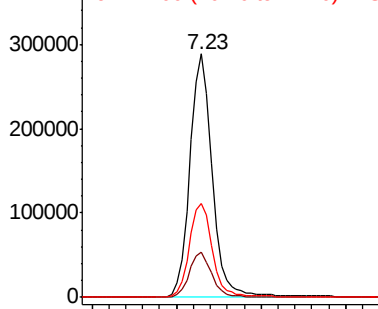
99 100

42 18.4 17.2 25.8

71 38.6 33.1 49.7



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: 2.884 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG043240.D

Acq: 16 Oct 2019 6:51

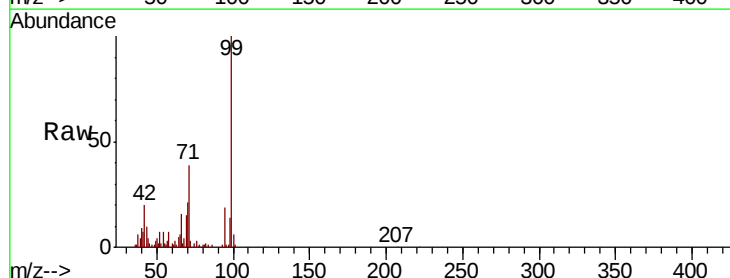
Tgt Ion: 94 Resp: 12259

Ion Ratio Lower Upper

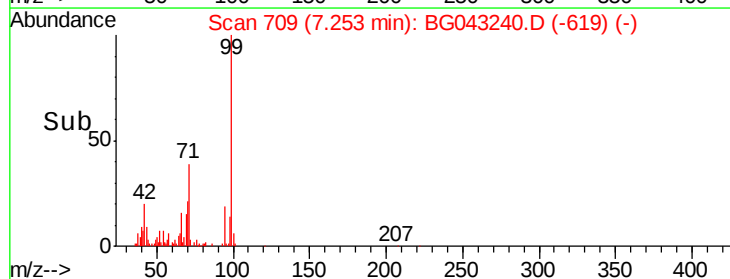
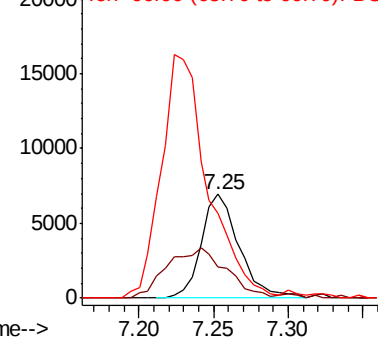
94 100

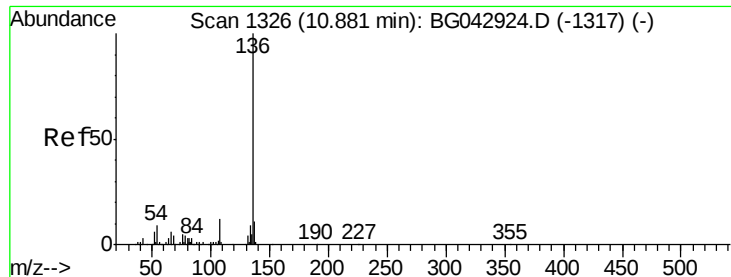
65 30.2 16.6 56.6

66 81.5 32.4 72.4#



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG043240.D

Acq: 16 Oct 2019 6:51

Instrument :

BNA_G

ClientSampleId :

COMP-31

Tot Ion:136 Resp: 213218

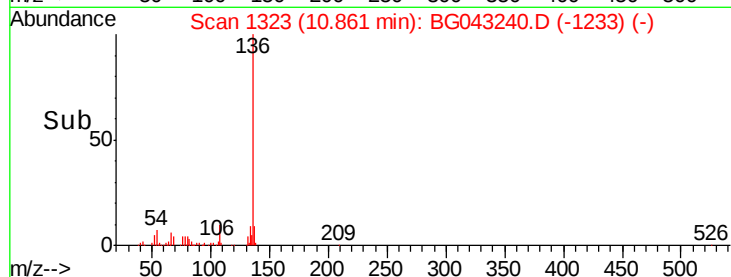
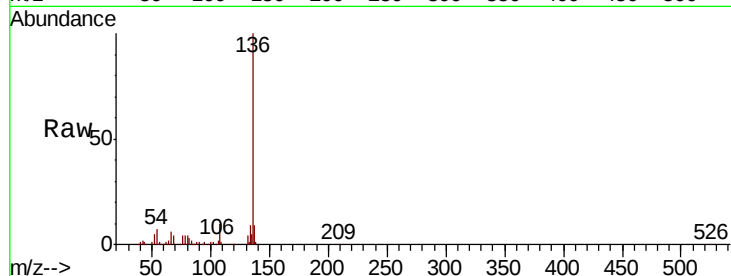
Ion Ratio Lower Upper

136 100

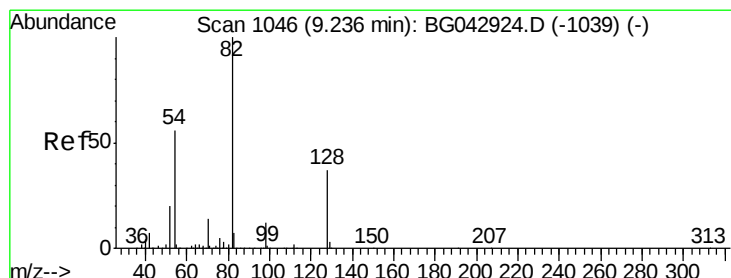
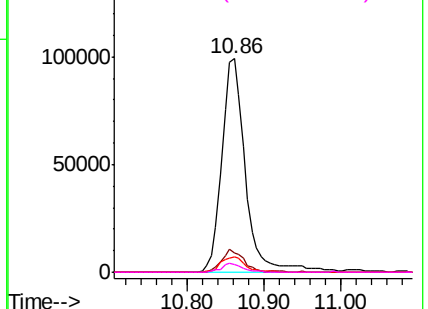
137 9.0 8.5 12.7

54 7.4 7.4 11.2#

68 3.9 3.6 5.4



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: 76.786 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG043240.D

Acq: 16 Oct 2019 6:51

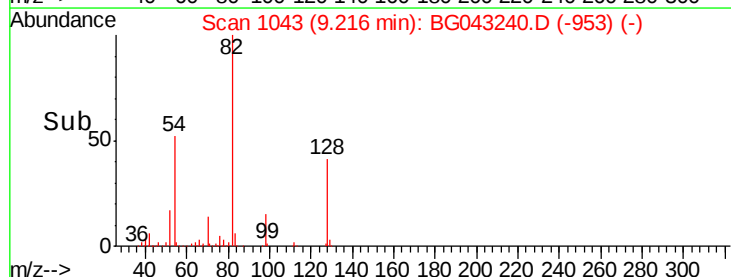
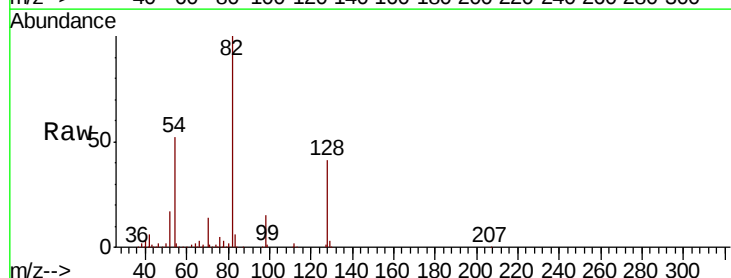
Tgt Ion: 82 Resp: 336838

Ion Ratio Lower Upper

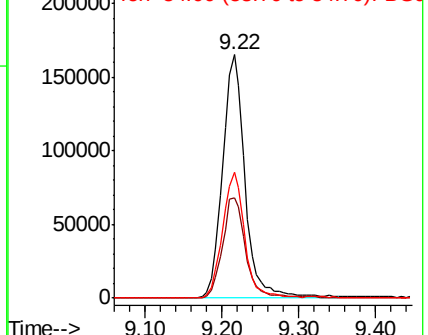
82 100

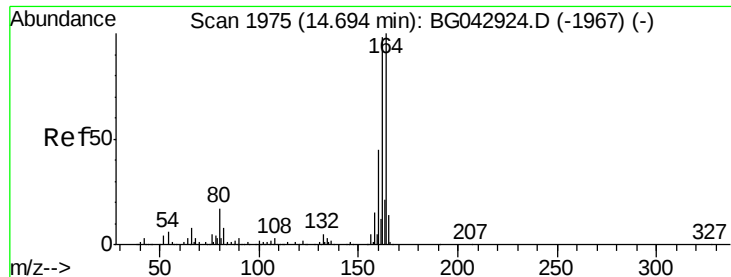
128 40.9 29.5 44.3

54 51.9 44.6 67.0



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# 1973

Delta R.T. -0.00 min

Lab File: BG043240.D

Acq: 16 Oct 2019 6:51

Instrument :

BNA_G

ClientSampleId :

COMP-31

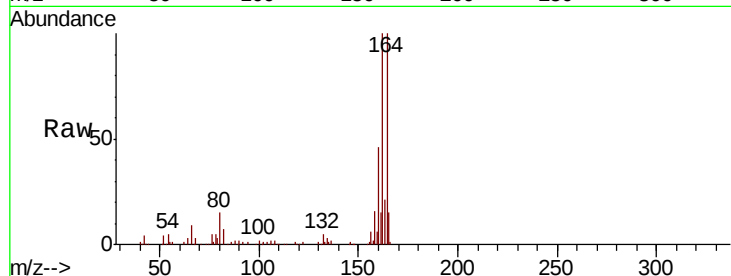
Tot Ion:164 Resp: 144138

Ion Ratio Lower Upper

164 100

162 100.2 78.5 117.7

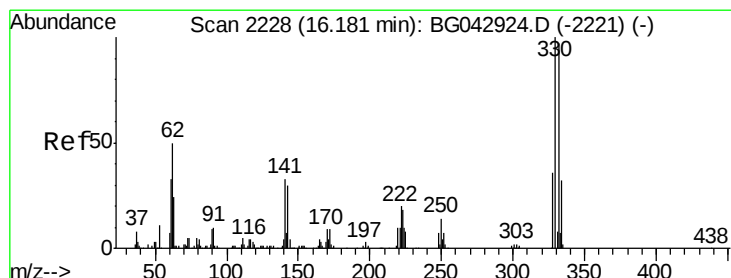
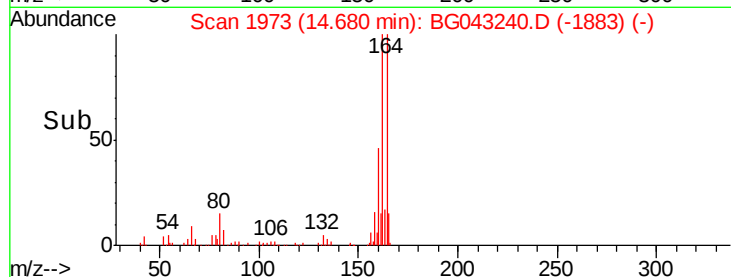
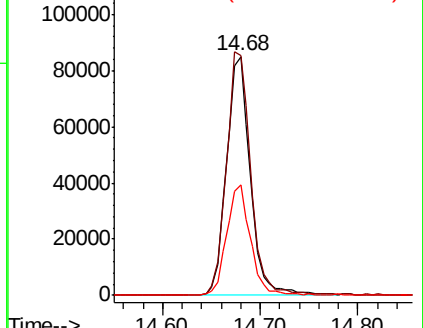
160 46.4 35.9 53.9



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: 128.537 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG043240.D

Acq: 16 Oct 2019 6:51

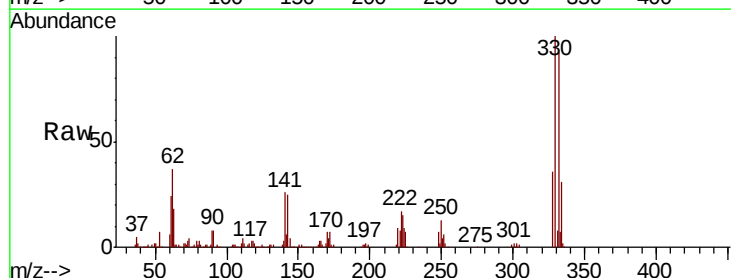
Tgt Ion:330 Resp: 318585

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.2

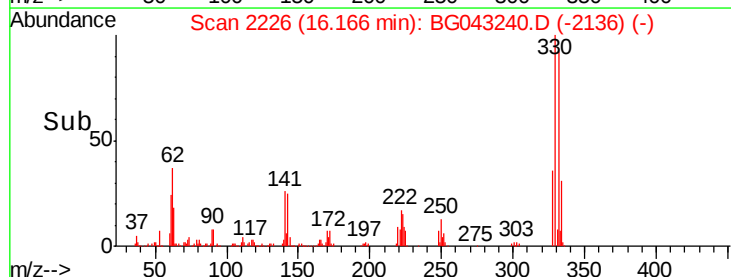
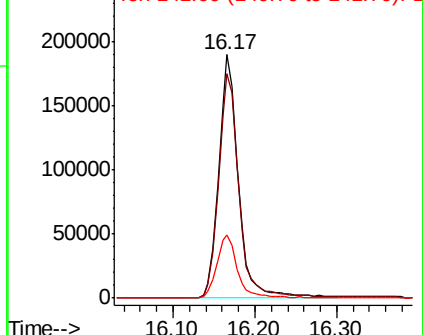
141 26.9 26.0 39.0

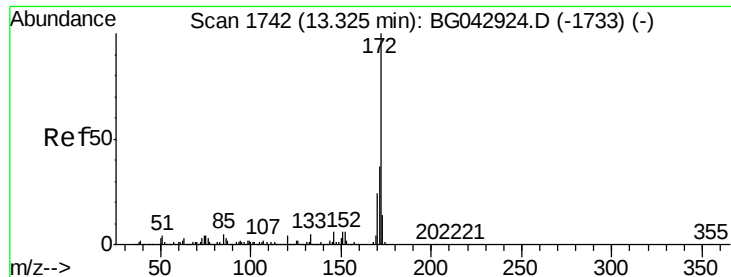


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

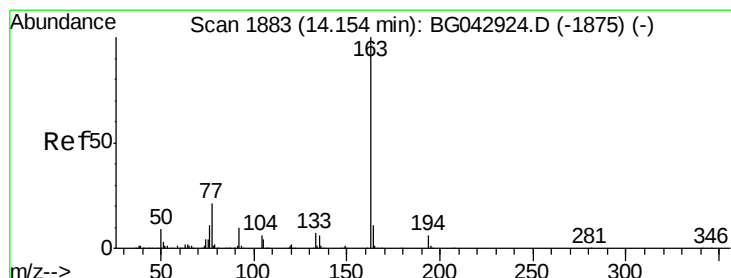
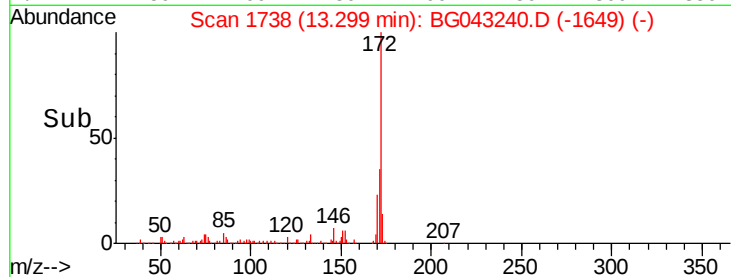
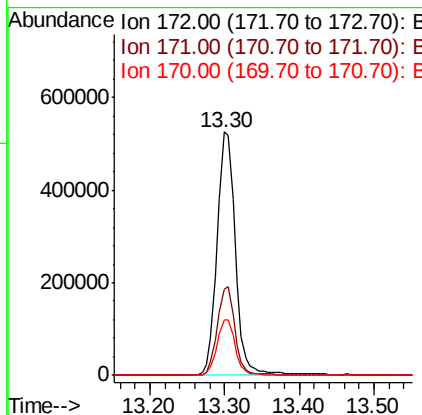
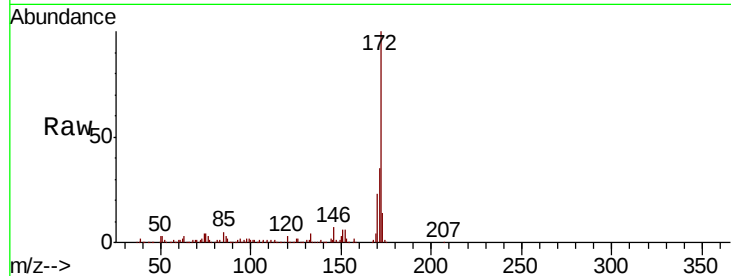




#45
2-Fluorobiphenyl
Concen: 90.936 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043240.D
Acq: 16 Oct 2019 6:51

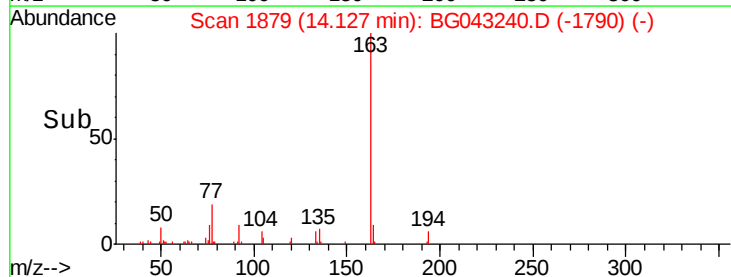
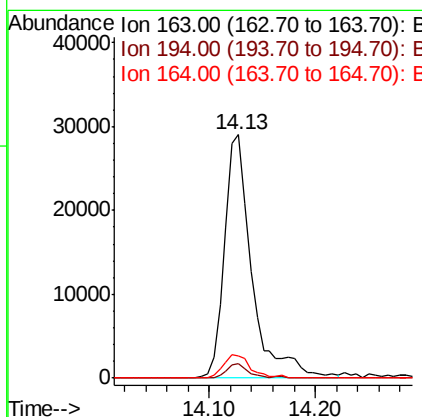
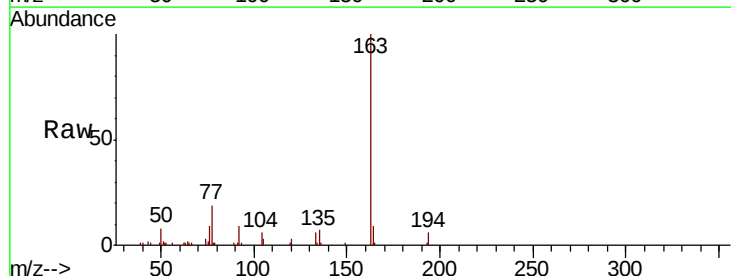
Instrument :
BNA_G
ClientSampleId :
COMP-31

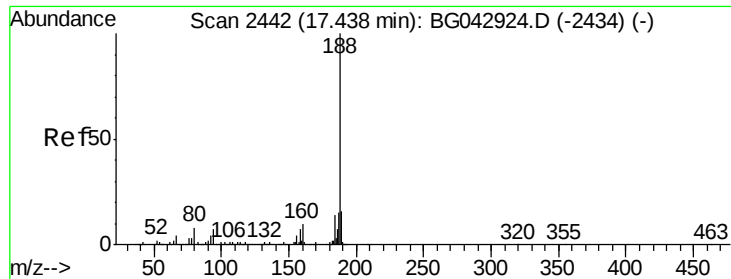
Tot Ion:172 Resp: 904142
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 22.6 19.6 29.4



#50
Dimethylphthalate
Concen: 4.829 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG043240.D
Acq: 16 Oct 2019 6:51

Tgt Ion:163 Resp: 52151
Ion Ratio Lower Upper
163 100
194 5.8 4.4 6.6
164 9.2 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG043240.D

Acq: 16 Oct 2019 6:51

Instrument :

BNA_G

ClientSampleId :

COMP-31

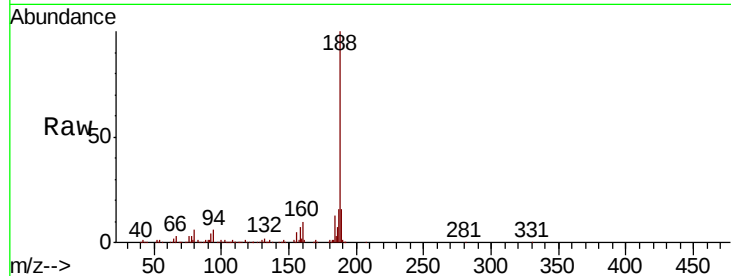
Tot Ion:188 Resp: 312942

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

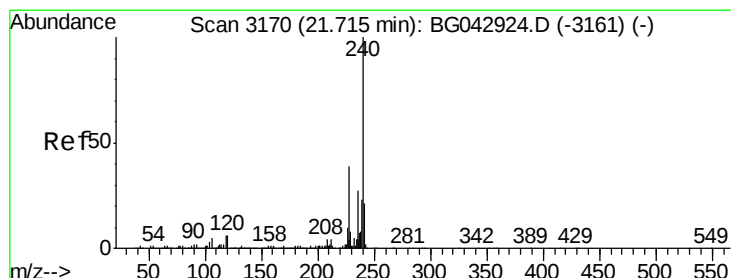
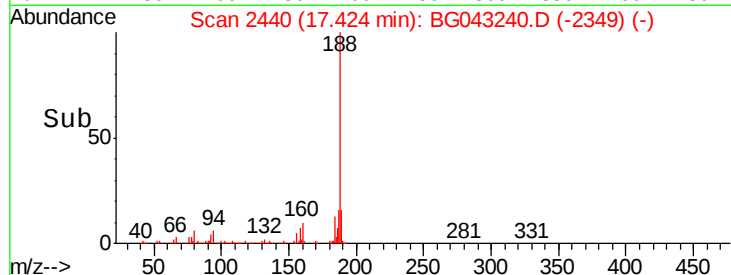
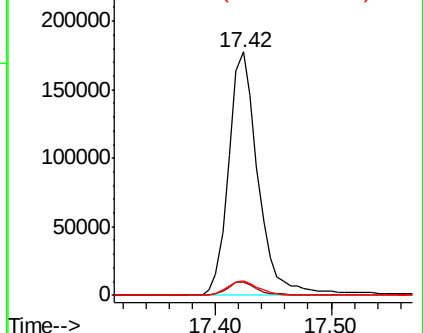
80 6.2 6.5 9.7#



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: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG043240.D

Acq: 16 Oct 2019 6:51

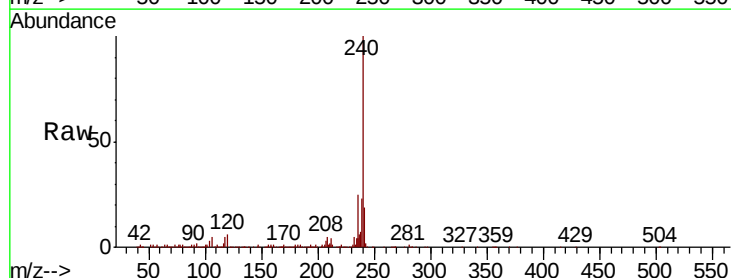
Tgt Ion:240 Resp: 344860

Ion Ratio Lower Upper

240 100

120 5.5 4.8 7.2

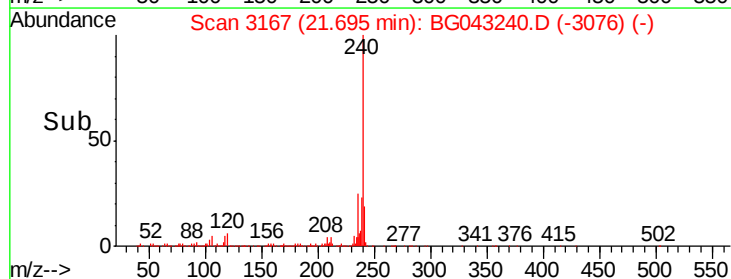
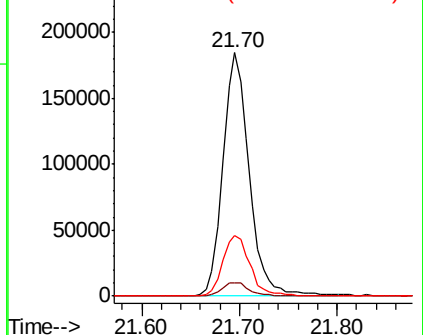
236 24.7 21.4 32.0

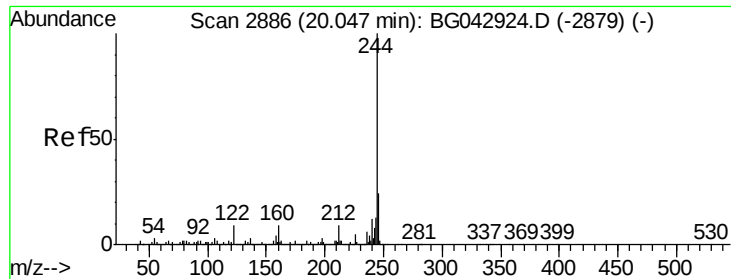


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.554 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG043240.D

Acq: 16 Oct 2019 6:51

Instrument :

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COMP-31

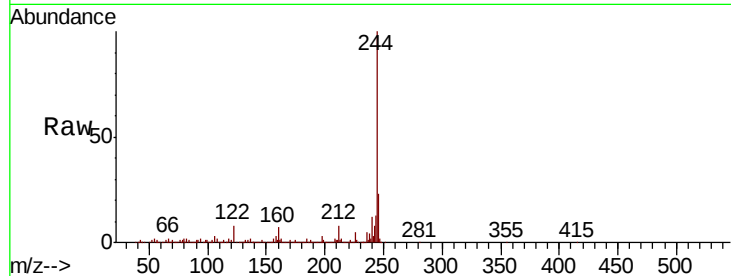
Tot Ion:244 Resp: 1611174

Ion Ratio Lower Upper

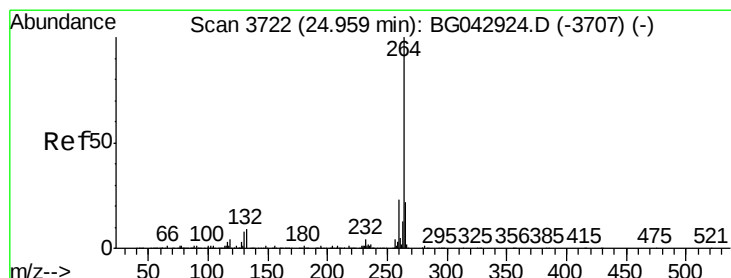
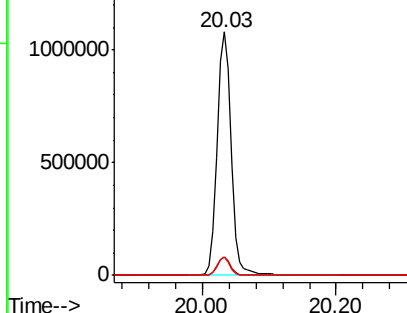
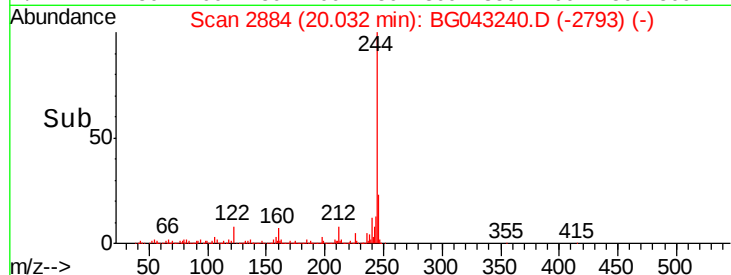
244 100

212 7.5 7.4 11.0

122 7.5 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: 24.92 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG043240.D

Acq: 16 Oct 2019 6:51

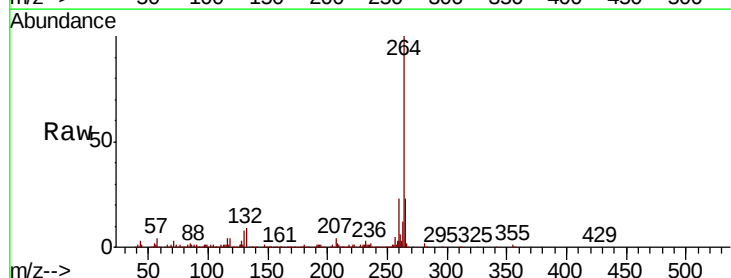
Tgt Ion:264 Resp: 409761

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.7 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

