

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044846.D
 Acq On : 17 Mar 2020 23:48
 Operator : CG/JU
 Sample : L1893-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-SA

Quant Time: Mar 18 02:52:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

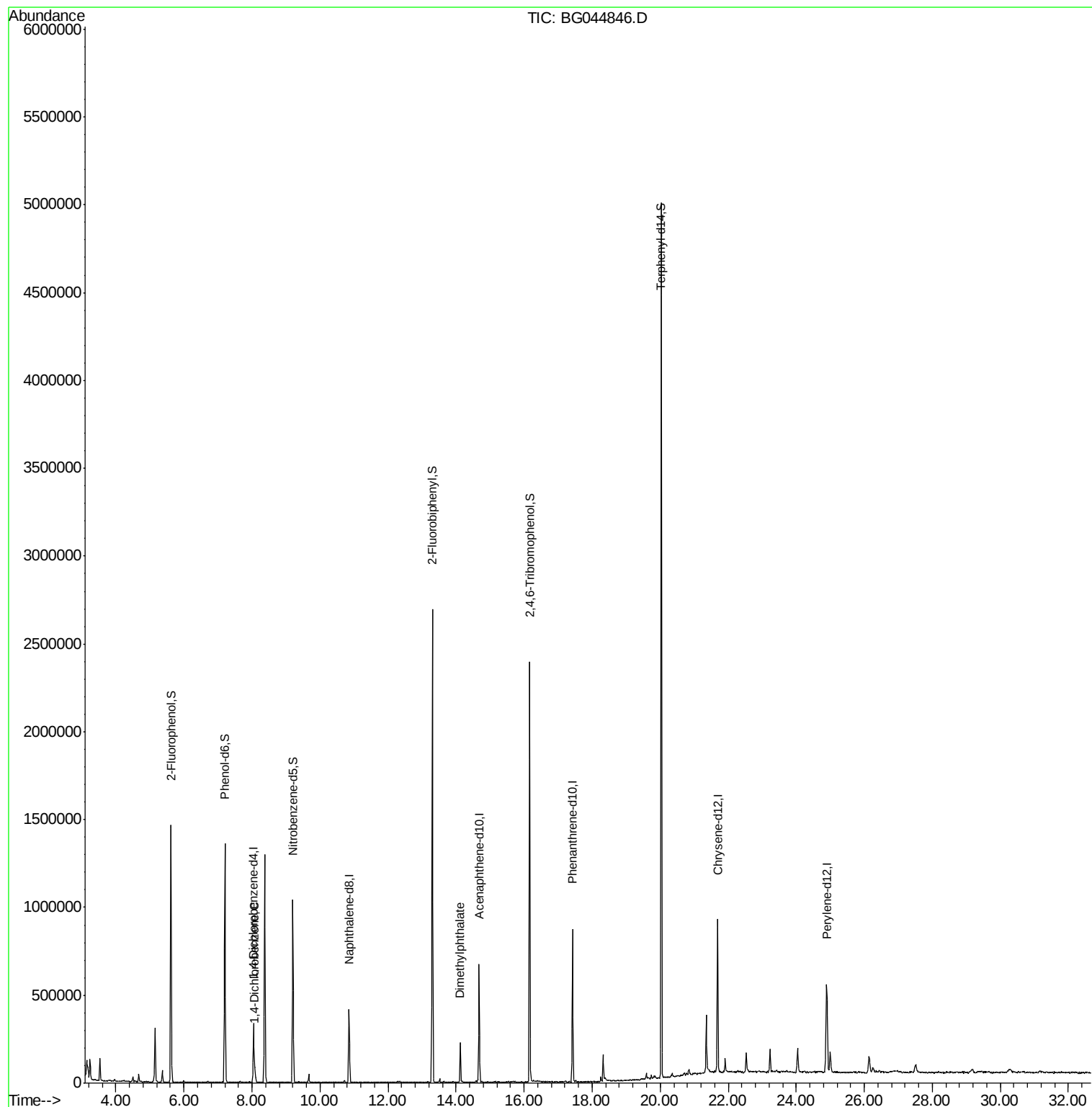
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	94785	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	370702	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	249395	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	580005	20.00	ng	0.00
76) Chrysene-d12	21.69	240	504286	20.00	ng	-0.01
87) Perylene-d12	24.90	264	568254	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	658262	108.11	ng	0.00
7) Phenol-d6	7.20	99	840469	95.00	ng	0.00
23) Nitrobenzene-d5	9.20	82	691606	81.87	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	469186	143.68	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1452907	83.43	ng	0.00
79) Terphenyl-d14	20.03	244	2313595	85.82	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	8.08	146	32004	4.323	ng	95
50) Dimethylphthalate	14.12	163	152310	7.668	ng	96

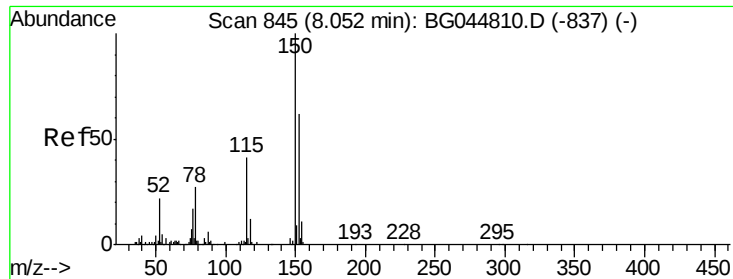
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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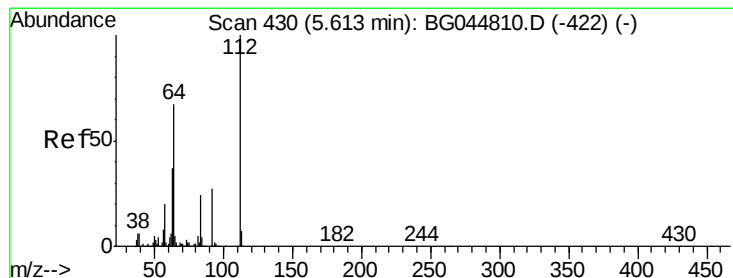
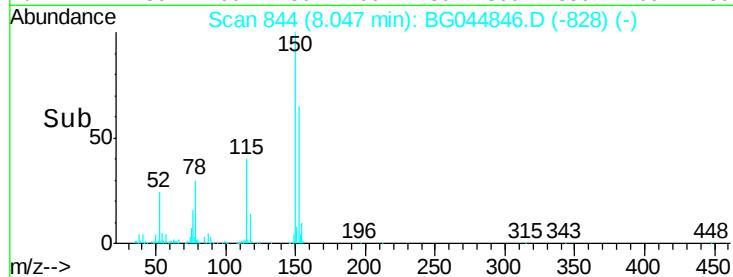
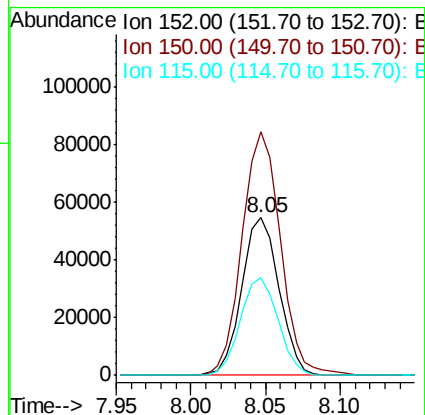
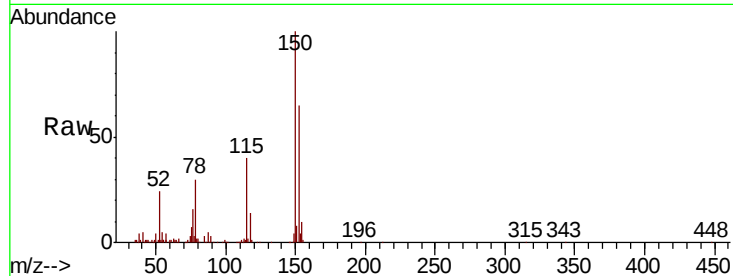


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044846.D
Acq: 17 Mar 2020 23:48

Instrument :
BNA_G
ClientSampleId :
TP-4-SA

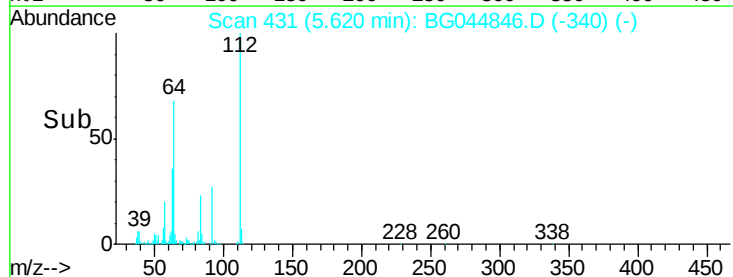
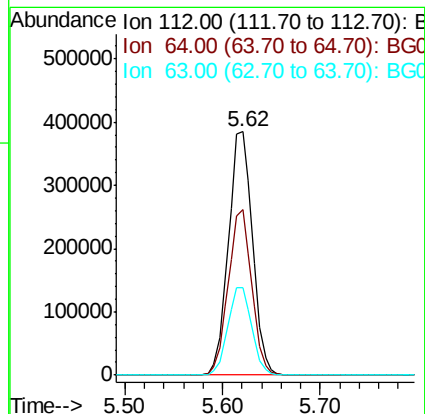
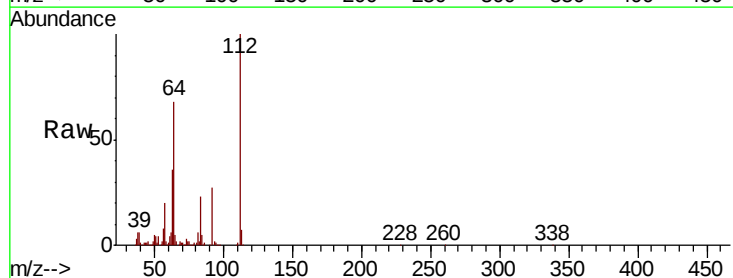
Tot Ion:152 Resp: 94785
Ion Ratio Lower Upper
152 100
150 154.6 128.8 193.2
115 61.7 52.6 79.0

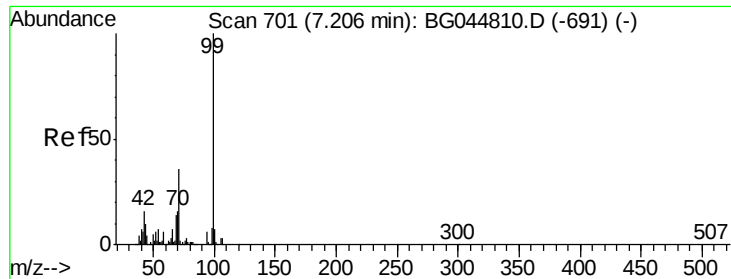


#5

2-Fluorophenol
Concen: 108.109 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044846.D
Acq: 17 Mar 2020 23:48

Tgt Ion:112 Resp: 658262
Ion Ratio Lower Upper
112 100
64 68.0 53.4 80.2
63 36.0 29.4 44.2





#7

Phenol-d6

Concen: 95.004 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044846.D

Acq: 17 Mar 2020 23:48

Instrument :

BNA_G

ClientSampleId :

TP-4-SA

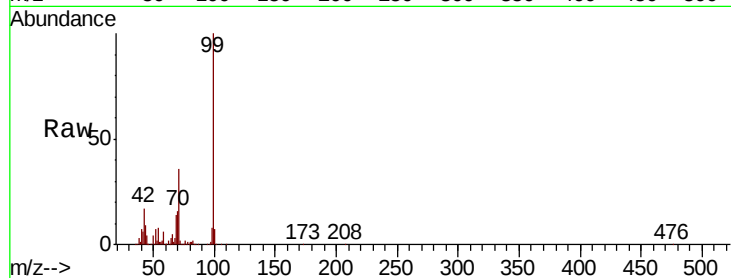
Tot Ion: 99 Resp: 840469

Ion Ratio Lower Upper

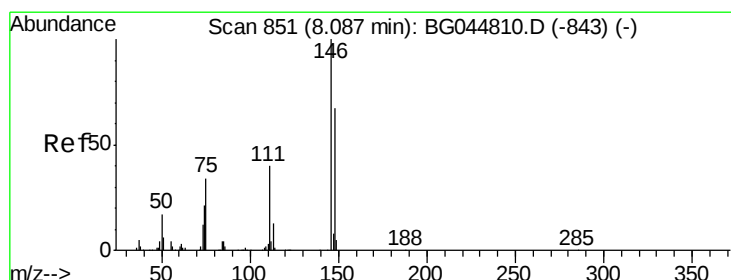
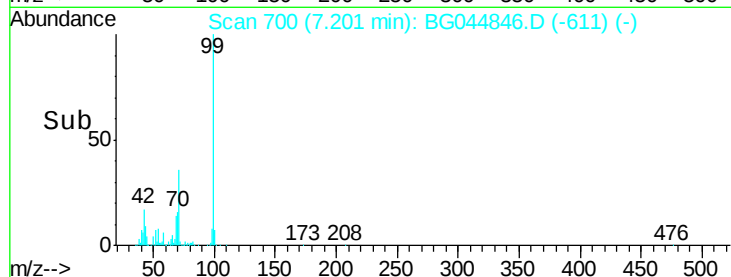
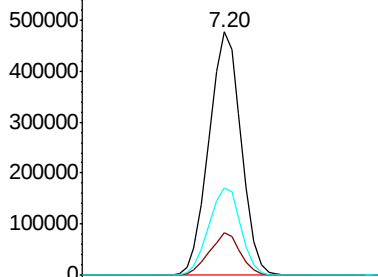
99 100

42 17.5 12.6 19.0

71 36.1 29.0 43.4



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



#13

1,4-Dichlorobenzene

Concen: 4.323 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG044846.D

Acq: 17 Mar 2020 23:48

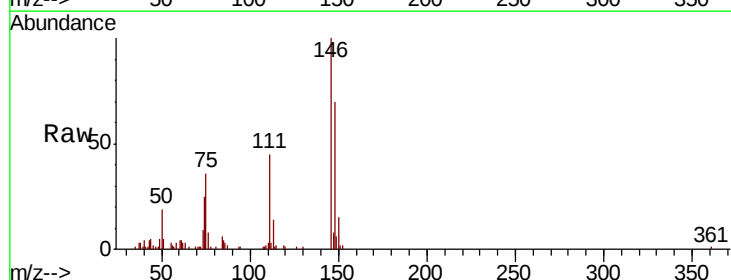
Tgt Ion: 146 Resp: 32004

Ion Ratio Lower Upper

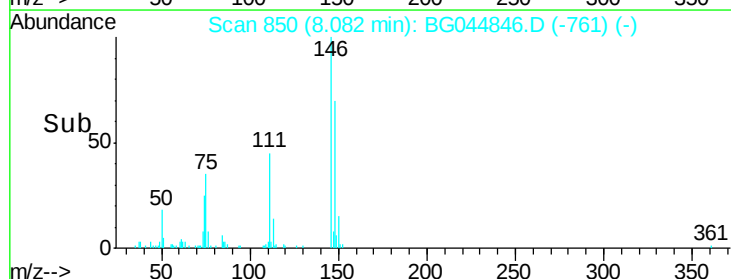
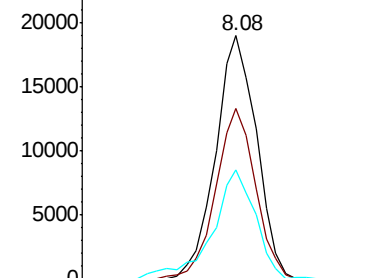
146 100

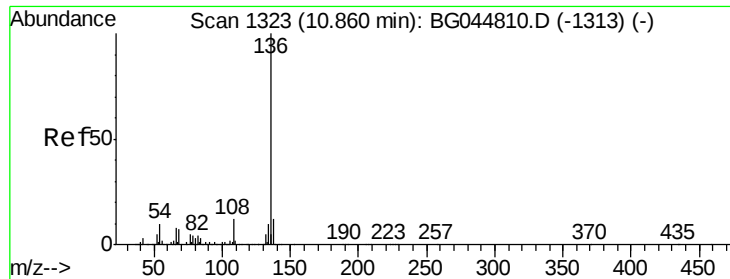
148 70.1 53.8 80.6

111 45.1 32.0 48.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG044846.D

Acq: 17 Mar 2020 23:48

Instrument :

BNA_G

ClientSampleId :

TP-4-SA

Tot Ion:136 Resp: 370702

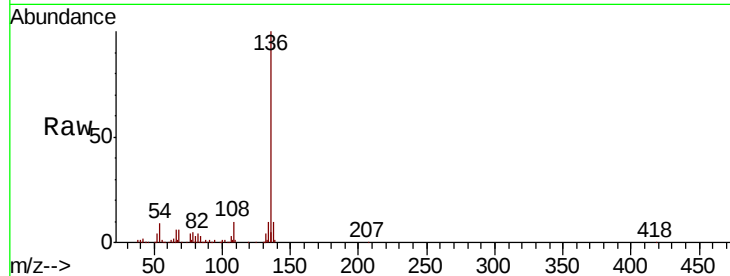
Ion Ratio Lower Upper

136 100

137 10.1 9.8 14.6

54 9.0 7.9 11.9

68 6.2 5.4 8.0

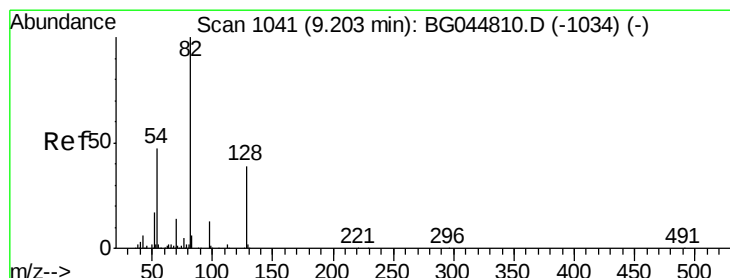
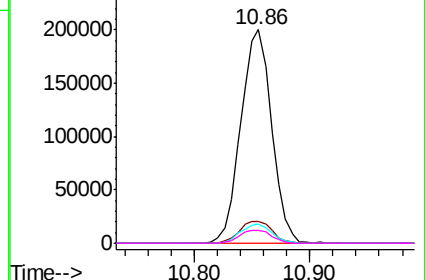
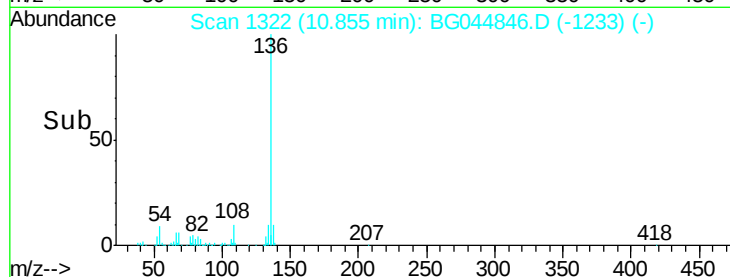


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.868 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BG044846.D

Acq: 17 Mar 2020 23:48

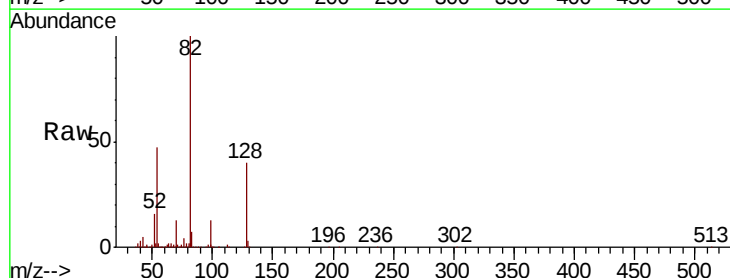
Tgt Ion: 82 Resp: 691606

Ion Ratio Lower Upper

82 100

128 39.8 30.6 46.0

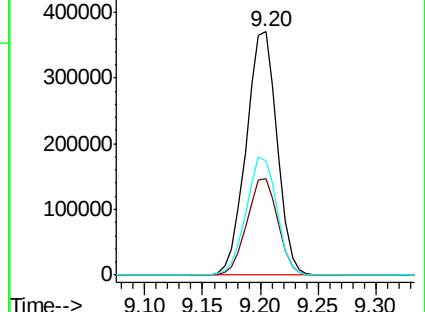
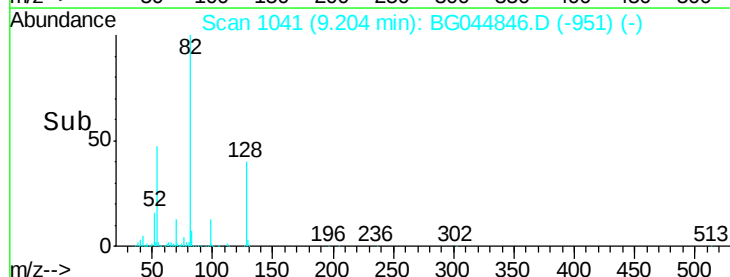
54 46.8 37.1 55.7

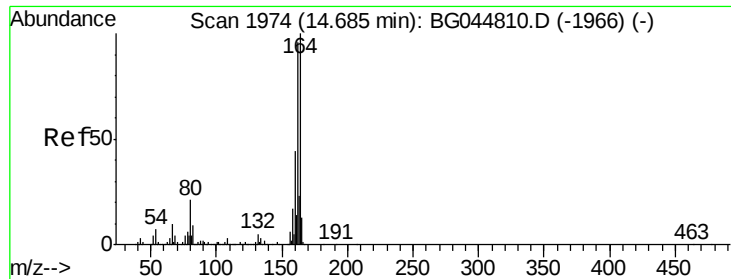


Abundance Ion 82.00 (81.70 to 82.70): BGC

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. -0.01 min

Lab File: BG044846.D

Acq: 17 Mar 2020 23:48

Instrument :

BNA_G

ClientSampleId :

TP-4-SA

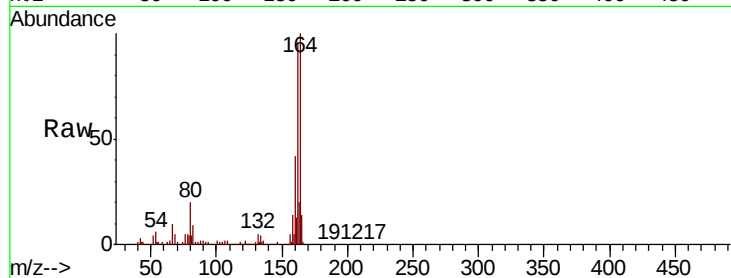
Tot Ion:164 Resp: 249395

Ion Ratio Lower Upper

164 100

162 95.6 76.7 115.1

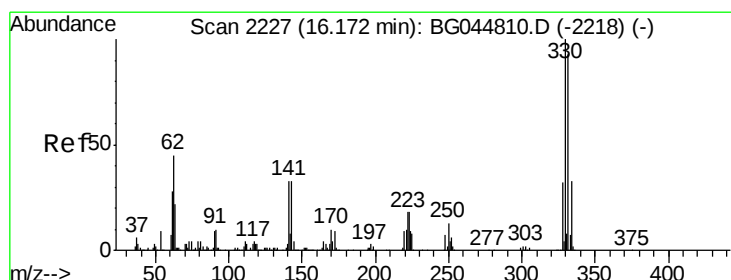
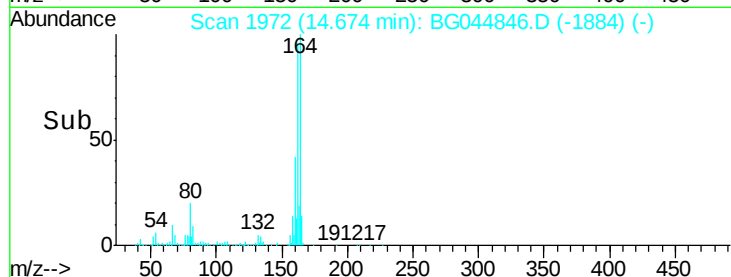
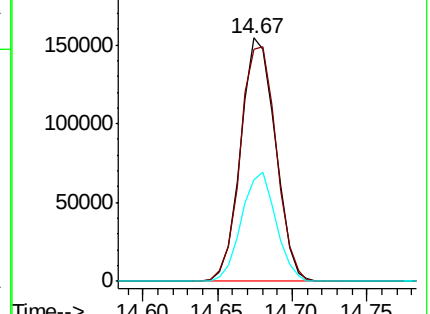
160 41.8 35.0 52.4



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: 143.682 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG044846.D

Acq: 17 Mar 2020 23:48

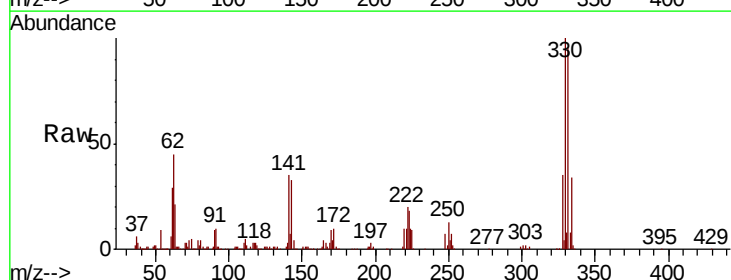
Tgt Ion:330 Resp: 469186

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

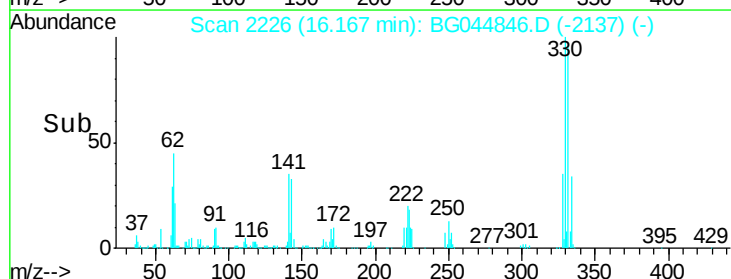
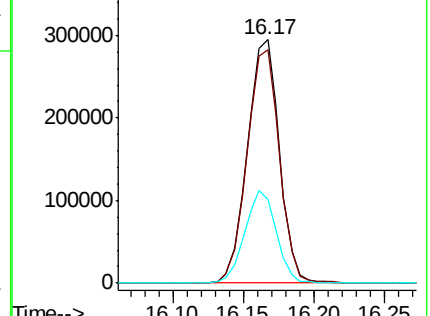
141 37.3 29.5 44.3

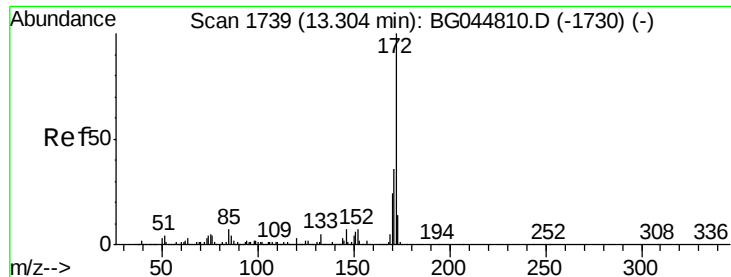


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

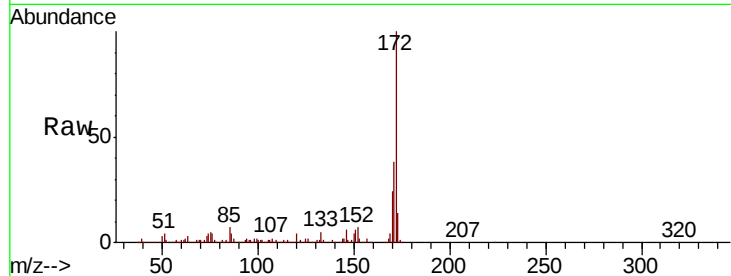




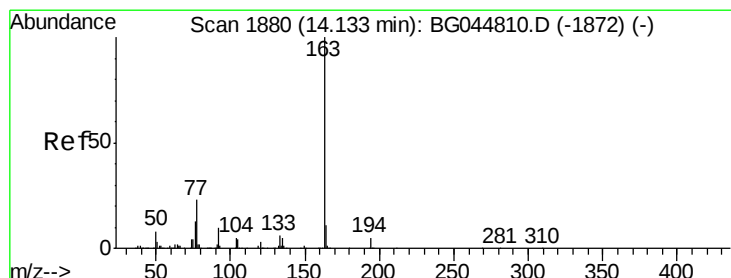
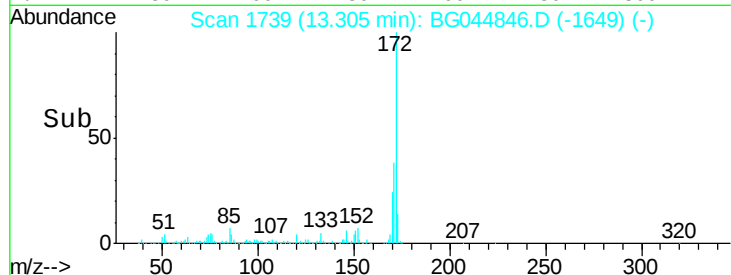
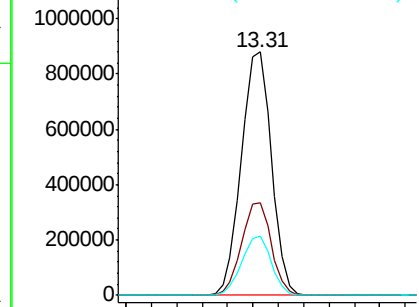
#45
2-Fluorobiphenyl
Concen: 83.426 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044846.D
Acq: 17 Mar 2020 23:48

Instrument :
BNA_G
ClientSampleId :
TP-4-SA

Tot Ion:172 Resp: 1452907
Ion Ratio Lower Upper
172 100
171 38.0 28.7 43.1
170 24.4 19.0 28.6

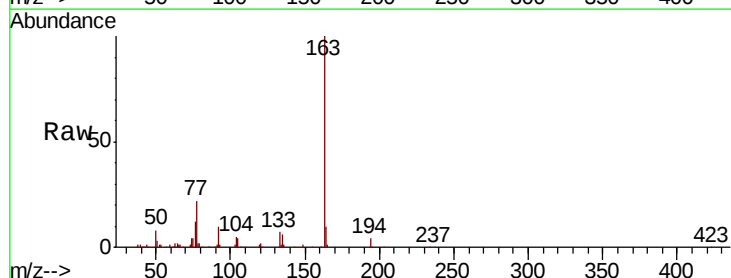


Abundance Ion 172.00 (171.70 to 172.70): E
1200000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

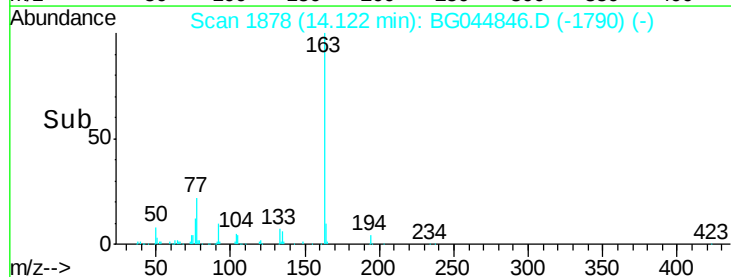
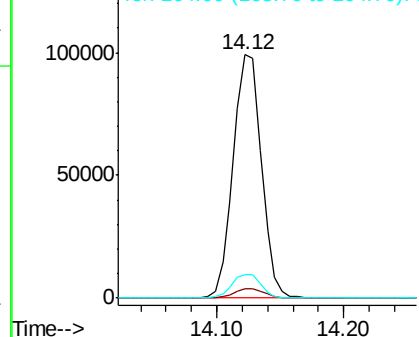


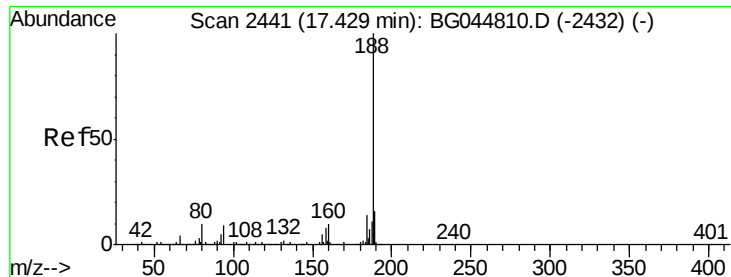
#50
Dimethylphthalate
Concen: 7.668 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044846.D
Acq: 17 Mar 2020 23:48

Tgt Ion:163 Resp: 152310
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 9.6 9.1 13.7



Abundance Ion 163.00 (162.70 to 163.70): E
100000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

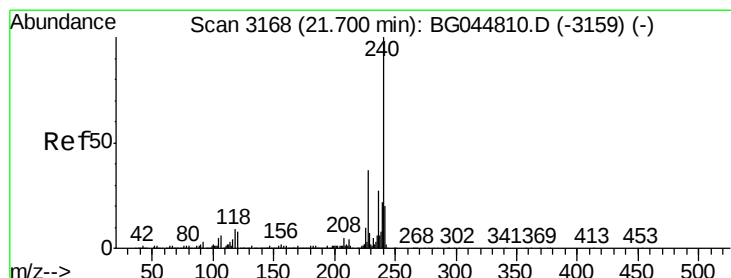
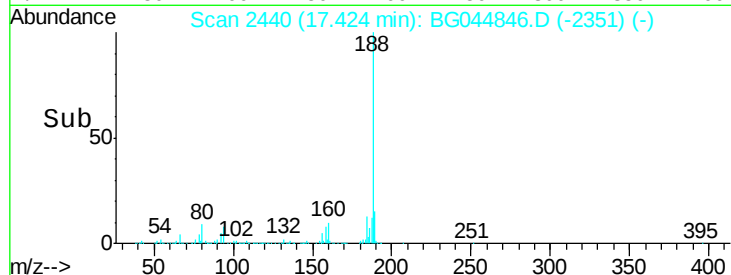
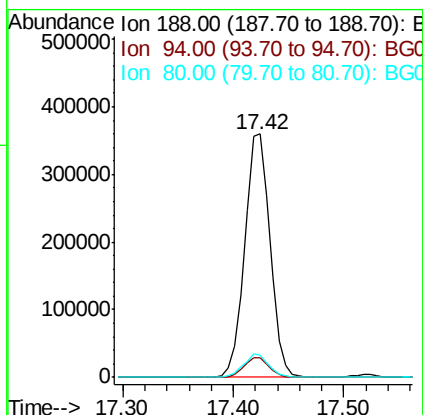
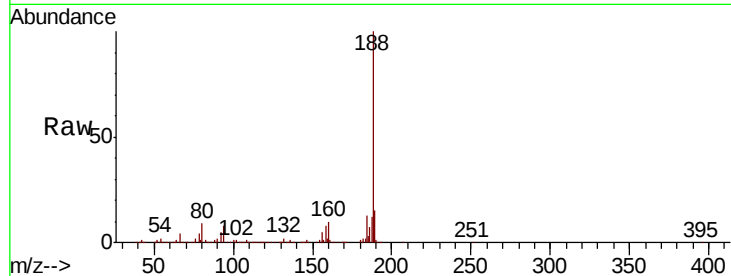




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044846.D
Acq: 17 Mar 2020 23:48

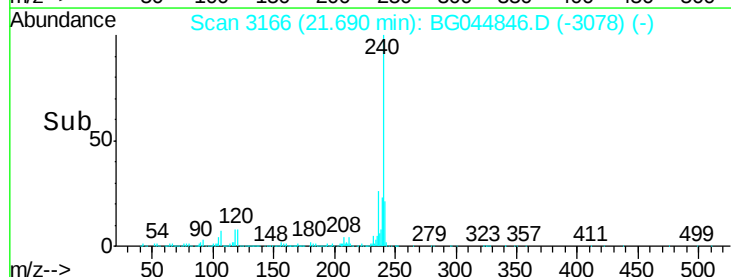
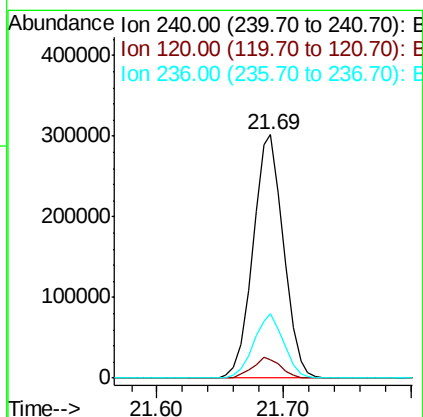
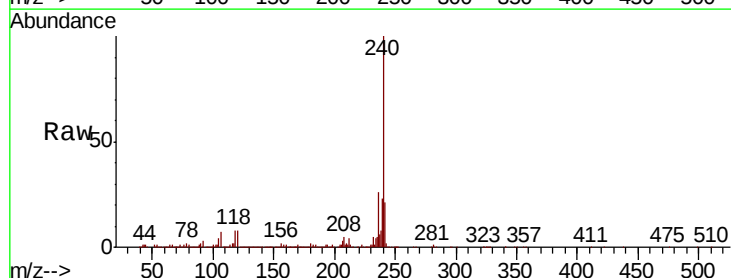
Instrument :
BNA_G
ClientSampleId :
TP-4-SA

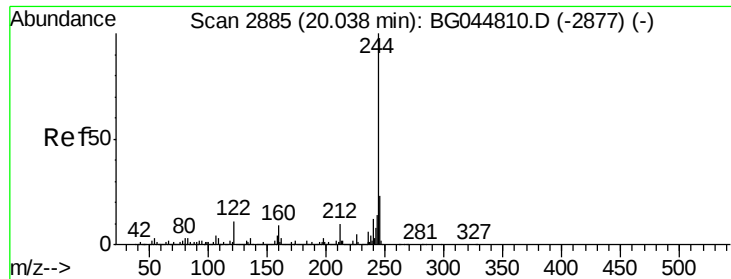
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.3	10.9
80	9.1	8.0	12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044846.D
Acq: 17 Mar 2020 23:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.7	10.1
236	26.3	21.5	32.3





#79

Terphenyl-d14

Concen: 85.818 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044846.D

Acq: 17 Mar 2020 23:48

Instrument :

BNA_G

ClientSampleId :

TP-4-SA

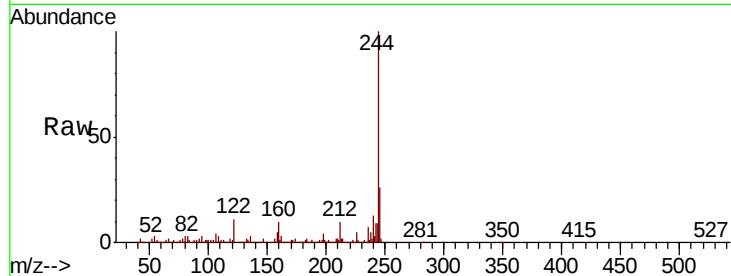
Tot Ion:244 Resp: 2313595

Ion Ratio Lower Upper

244 100

212 10.3 7.7 11.5

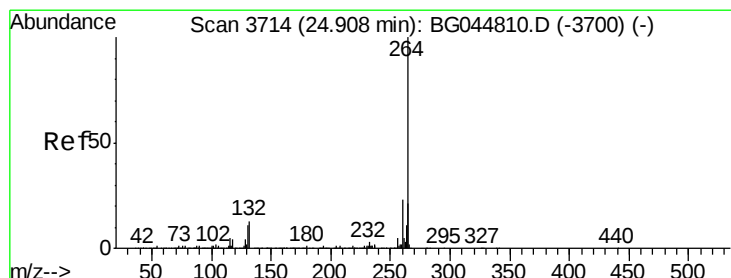
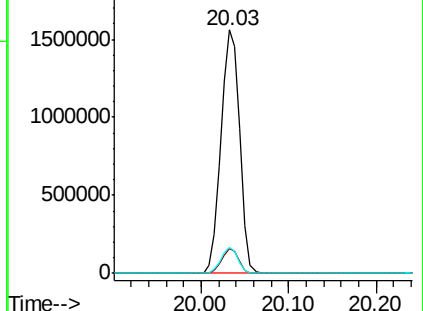
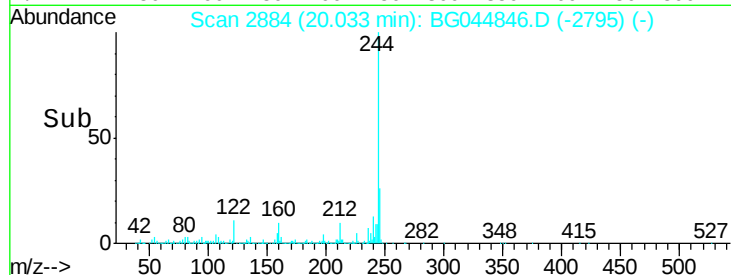
122 10.7 8.6 12.8



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# 3712

Delta R.T. -0.01 min

Lab File: BG044846.D

Acq: 17 Mar 2020 23:48

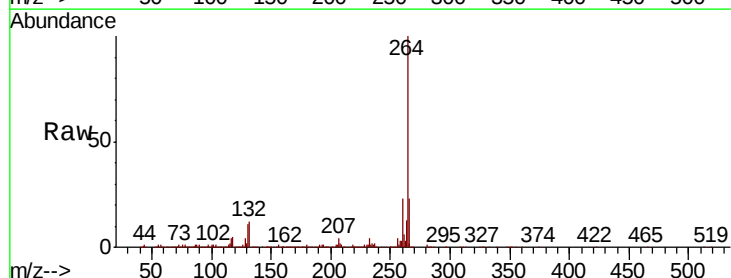
Tgt Ion:264 Resp: 568254

Ion Ratio Lower Upper

264 100

260 23.2 18.1 27.1

265 23.0 17.1 25.7



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

