

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
 Data File : BG043080.D
 Acq On : 7 Oct 2019 23:00
 Operator : JU
 Sample : PB123704BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BL

Quant Time: Oct 08 04:01:22 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

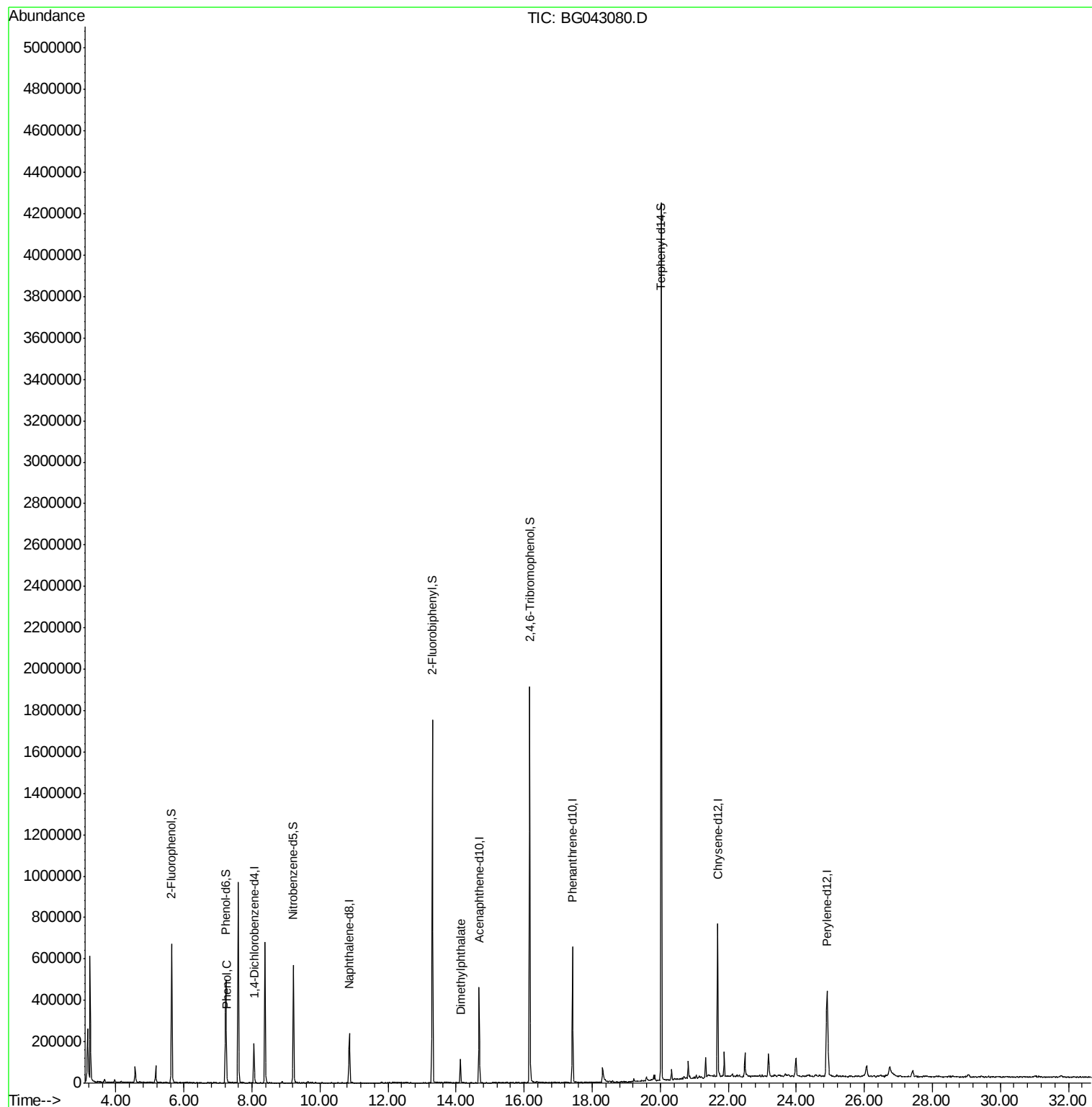
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55205	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	214906	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	171167	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	427752	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	449941	20.00	ng	-0.03
87) Perylene-d12	24.90	264	449865	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	292151	94.44	ng	-0.02
7) Phenol-d6	7.23	99	284494	63.86	ng	-0.01
23) Nitrobenzene-d5	9.22	82	361407	81.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	421566	143.23	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	971054	82.24	ng	-0.02
79) Terphenyl-d14	20.03	244	2072174	98.14	ng	-0.01
Target Compounds						
10) Phenol	7.25	94	16711	4.089	ng	90
50) Dimethylphthalate	14.13	163	78446	6.117	ng	98

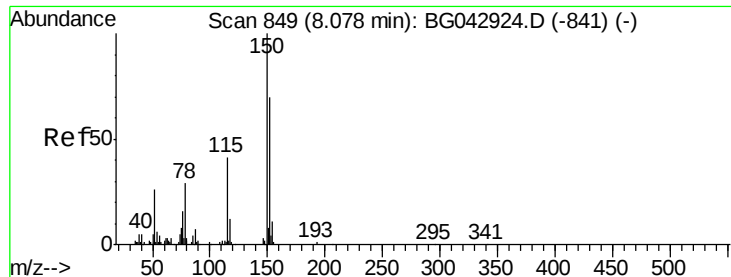
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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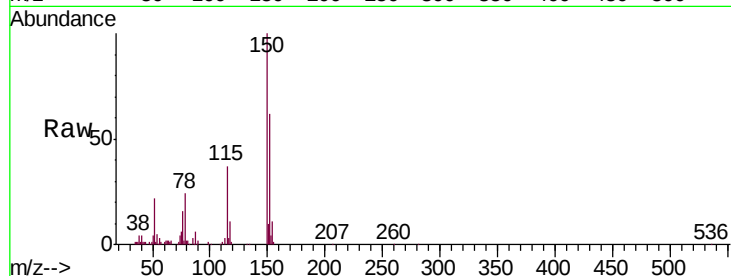


#1

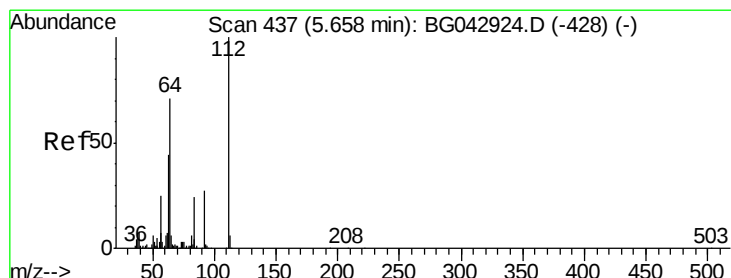
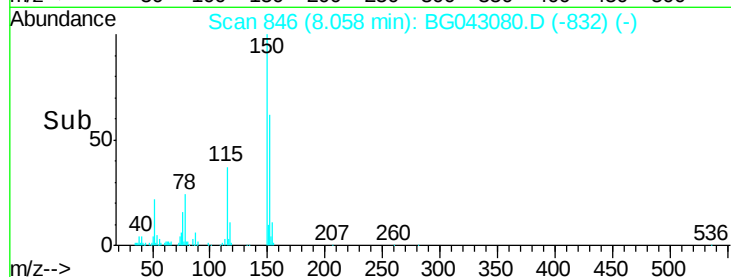
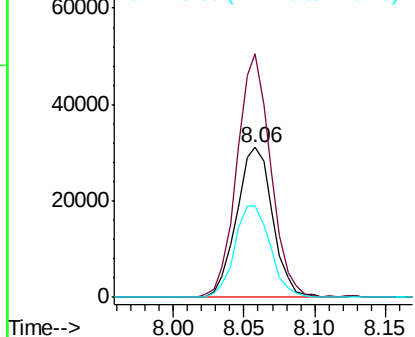
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.02 min
 Lab File: BG043080.D
 Acq: 7 Oct 2019 23:00

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BL

Tgt Ion:152 Resp: 55205
 Ion Ratio Lower Upper
 152 100
 150 162.4 115.0 172.4
 115 60.7 47.0 70.6



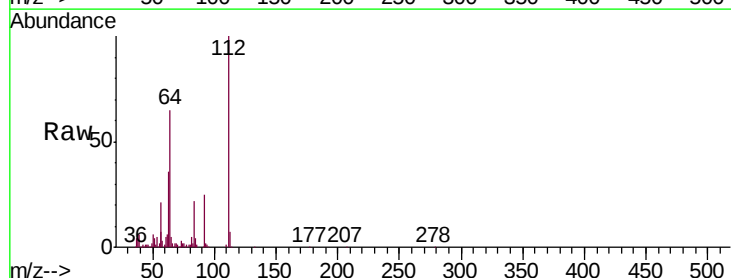
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



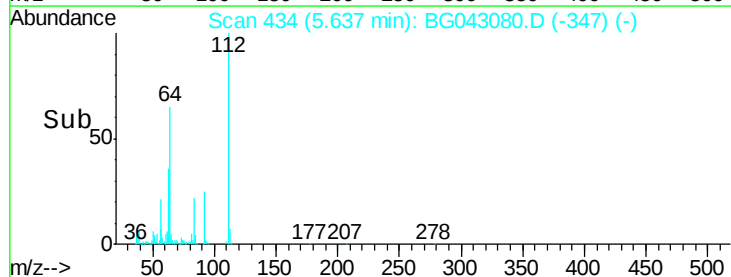
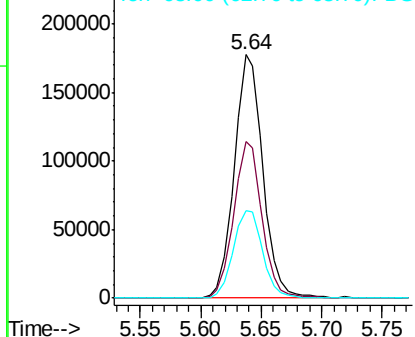
#5

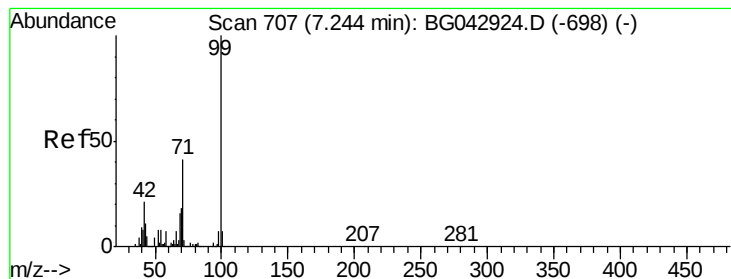
2-Fluorophenol
 Concen: 94.444 ng
 RT: 5.64 min Scan# 434
 Delta R.T. -0.02 min
 Lab File: BG043080.D
 Acq: 7 Oct 2019 23:00

Tgt Ion:112 Resp: 292151
 Ion Ratio Lower Upper
 112 100
 64 64.5 56.6 84.8
 63 35.7 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: 63.865 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

Instrument :

BNA_G

ClientSampleId :

PB123704BL

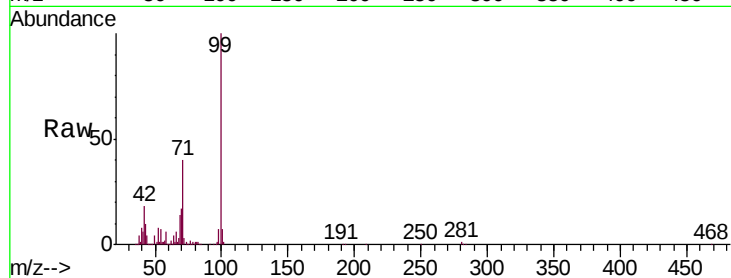
Tgt Ion: 99 Resp: 284494

Ion Ratio Lower Upper

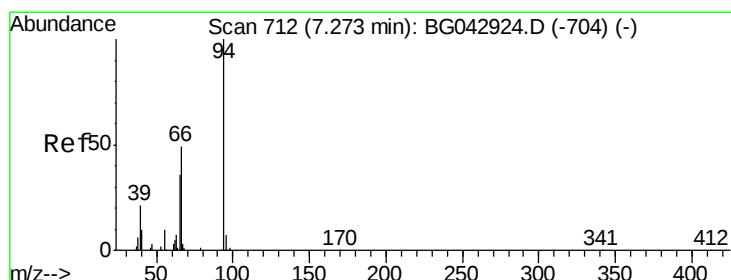
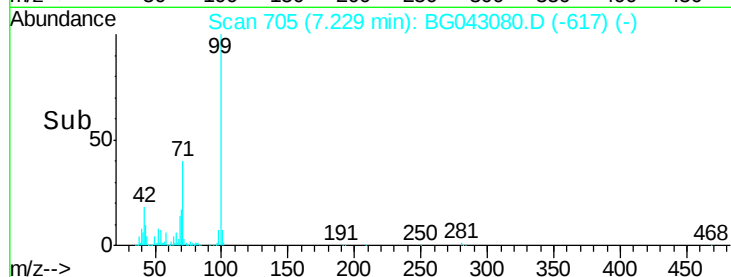
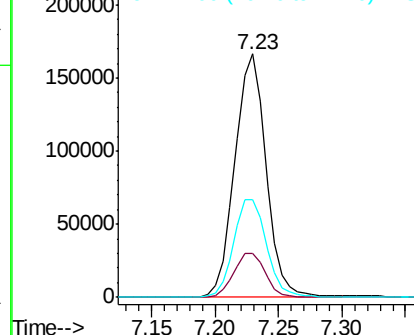
99 100

42 18.2 17.2 25.8

71 40.0 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: 4.089 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

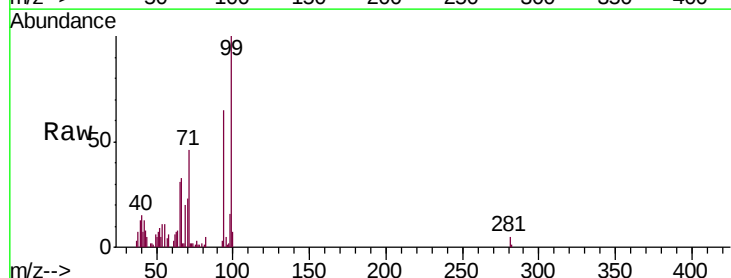
Tgt Ion: 94 Resp: 16711

Ion Ratio Lower Upper

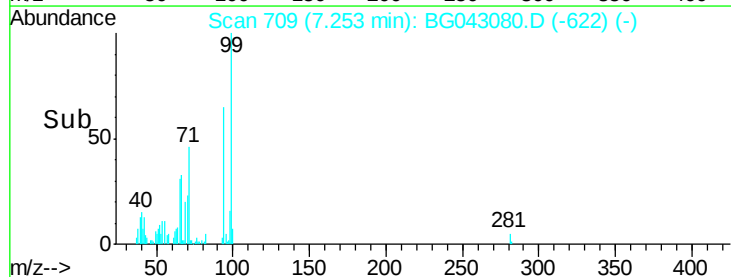
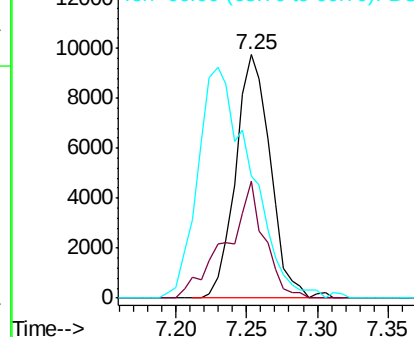
94 100

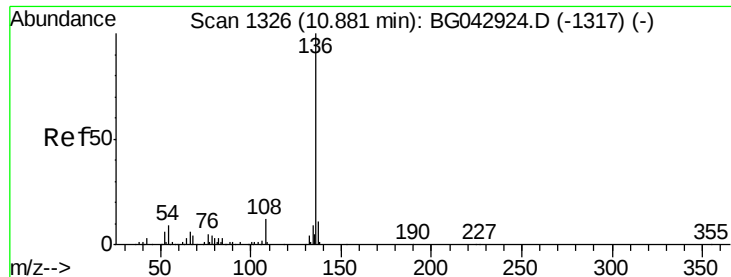
65 48.1 16.6 56.6

66 50.2 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

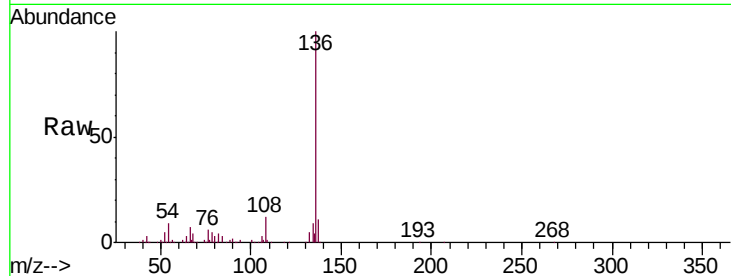




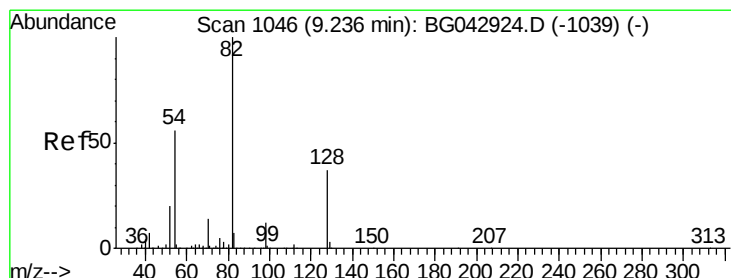
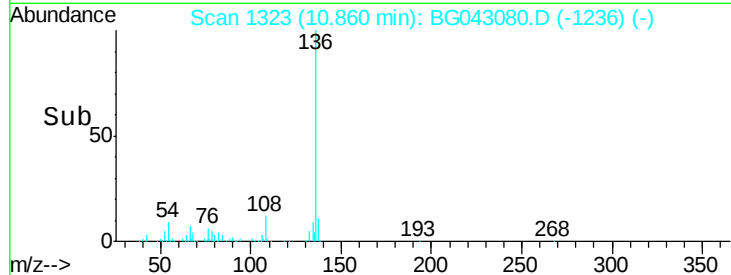
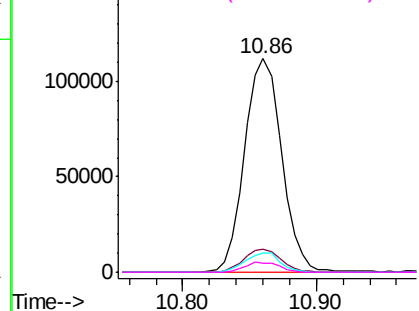
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

Instrument :
BNA_G
ClientSampleId :
PB123704BL

Tgt Ion:	136	Resp:	214906
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.8	7.4	11.2
68	4.1	3.6	5.4

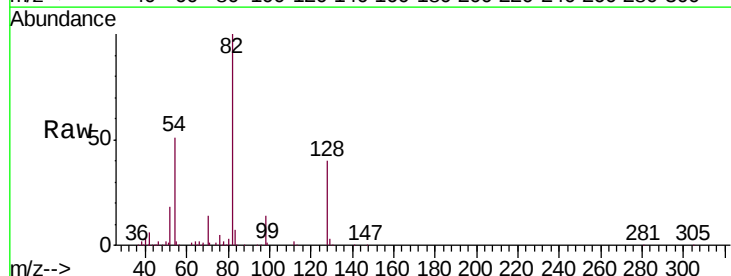


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

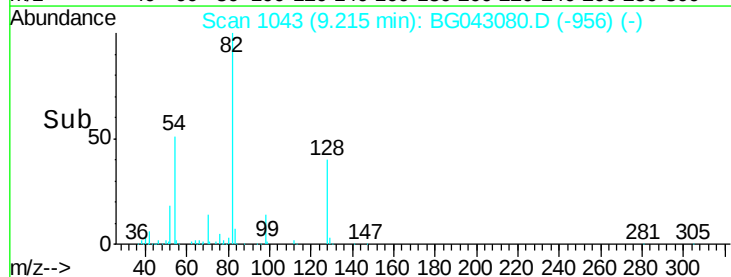
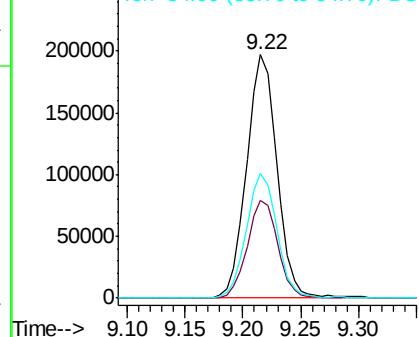


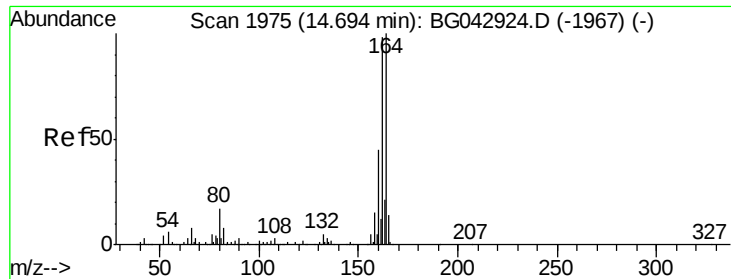
#23
Nitrobenzene-d5
Concen: 81.739 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

Tgt Ion:	82	Resp:	361407
Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.5	44.3
54	51.0	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: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

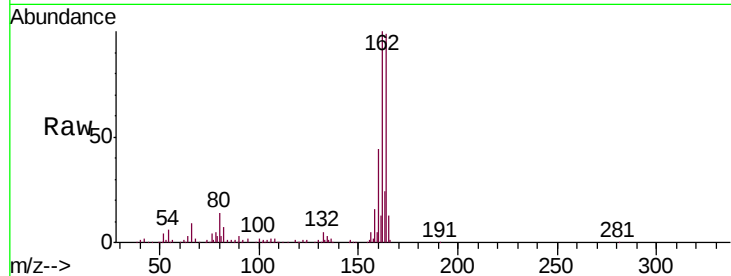
Instrument :

BNA_G

ClientSampleId :

PB123704BL

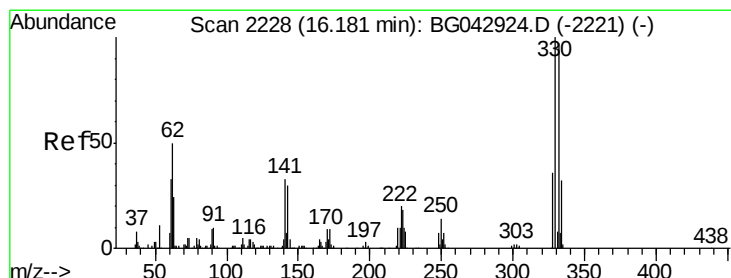
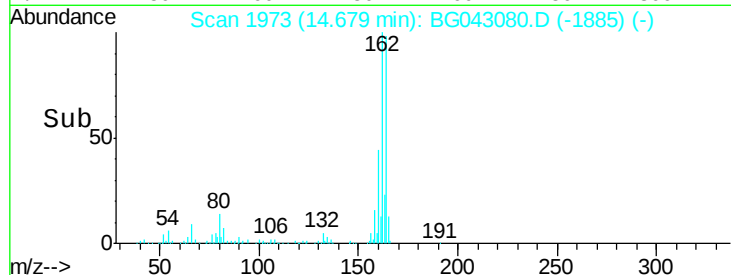
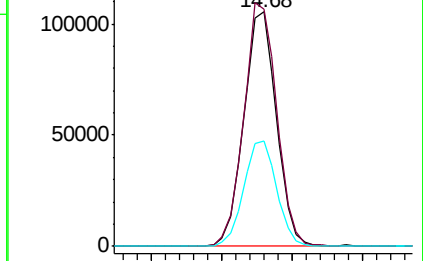
Tgt Ion:	164	Resp:	171167
Ion	Ratio	Lower	Upper
164	100		
162	101.4	78.5	117.7
160	45.1	35.9	53.9



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: 143.228 ng

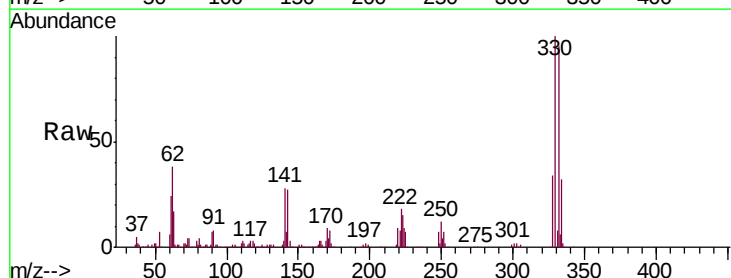
RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

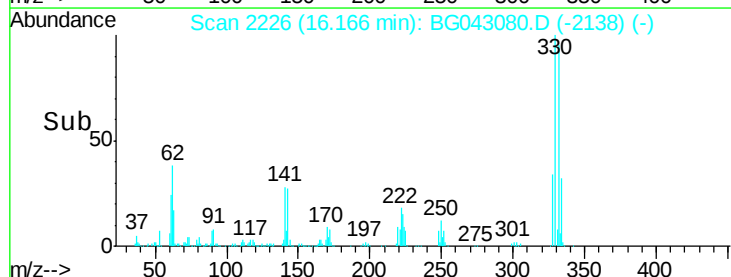
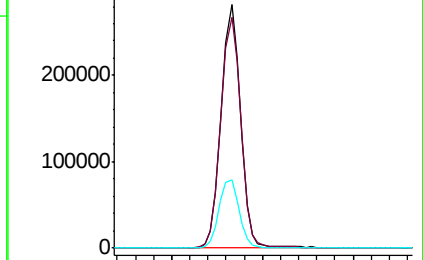
Tgt Ion:	330	Resp:	421566
Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.2
141	29.1	26.0	39.0

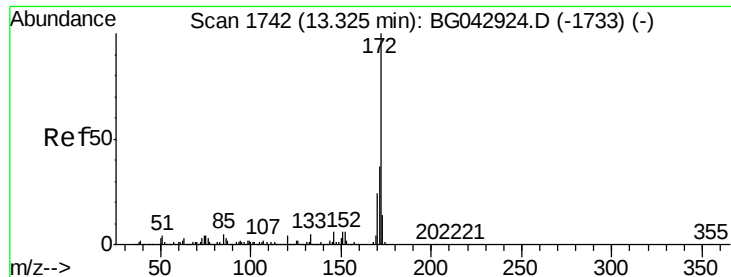


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

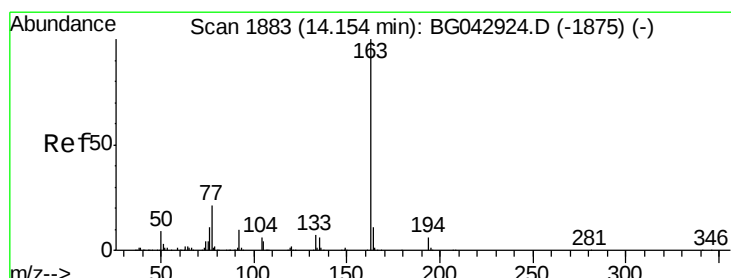
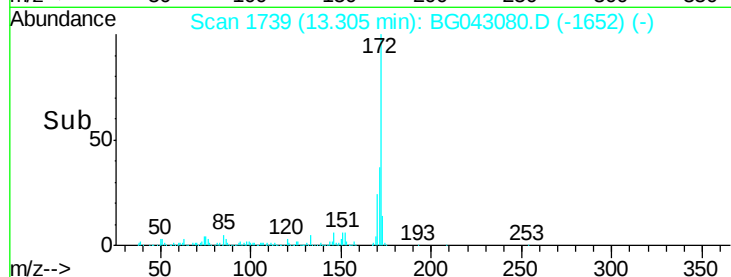
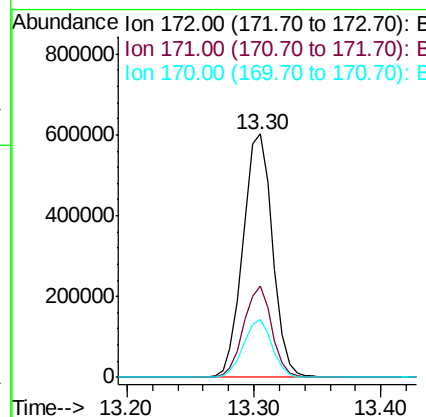
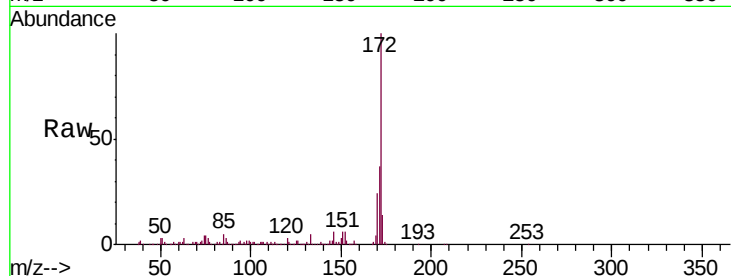




#45
2-Fluorobiphenyl
Concen: 82.243 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

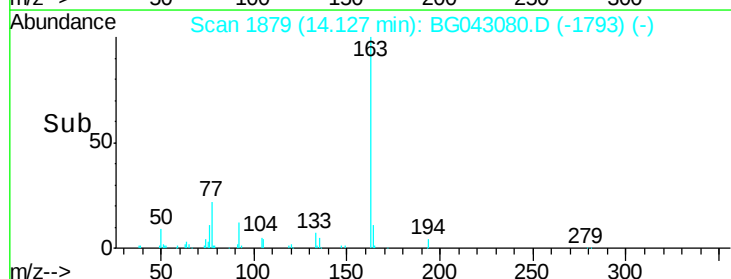
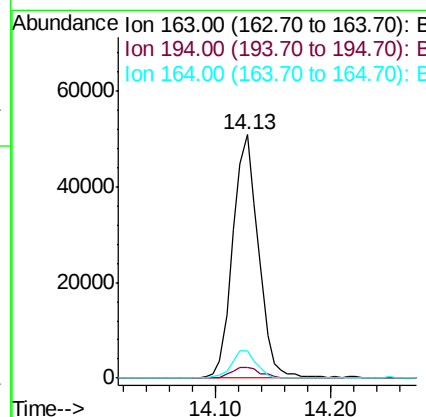
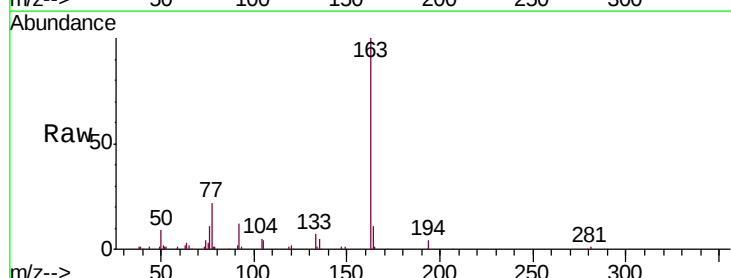
Instrument :
BNA_G
ClientSampleId :
PB123704BL

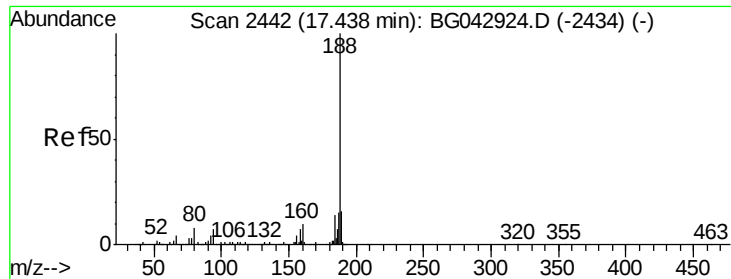
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	23.9	19.6	29.4



#50
Dimethylphthalate
Concen: 6.117 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.4	6.6
164	11.0	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

Instrument :

BNA_G

ClientSampleId :

PB123704BL

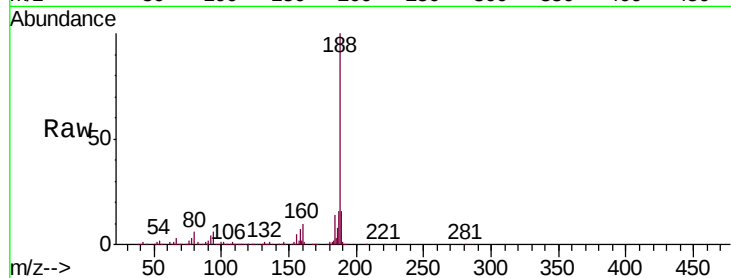
Tgt Ion:188 Resp: 427752

Ion Ratio Lower Upper

188 100

94 5.9 5.7 8.5

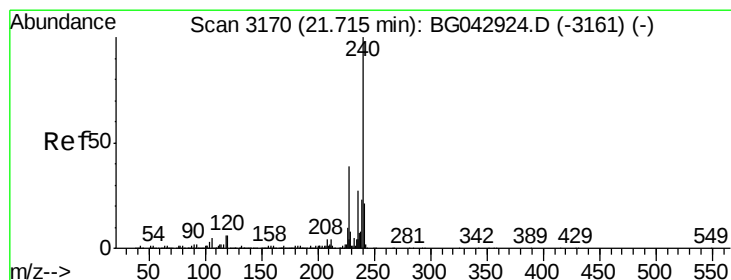
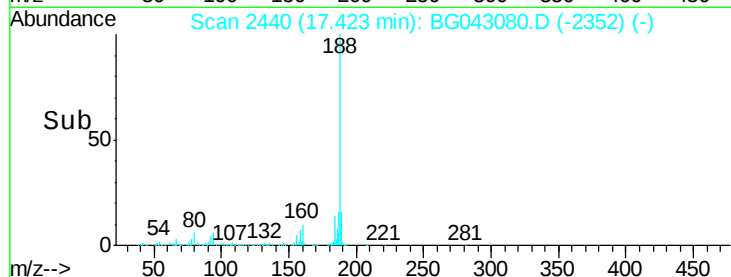
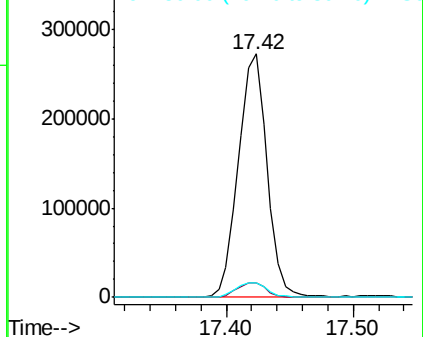
80 6.1 6.5 9.7#



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: BG043080.D

Acq: 7 Oct 2019 23:00

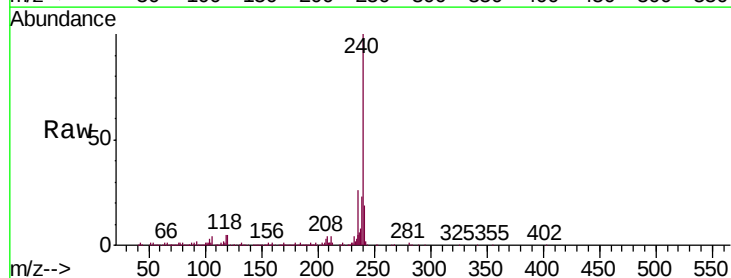
Tgt Ion:240 Resp: 449941

Ion Ratio Lower Upper

240 100

120 5.4 4.8 7.2

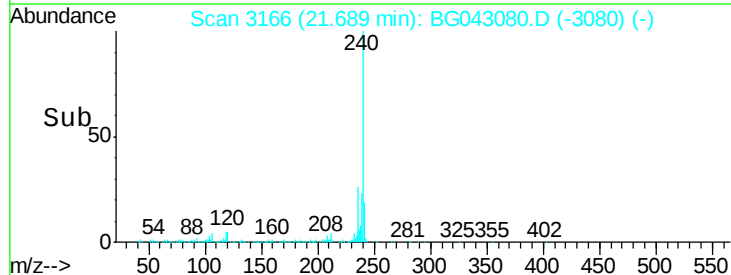
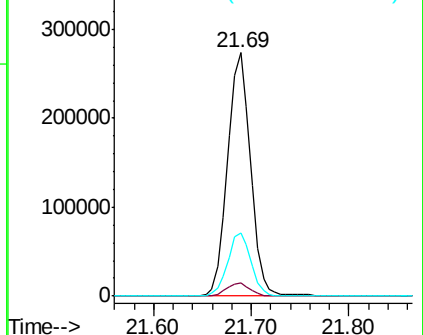
236 26.1 21.4 32.0

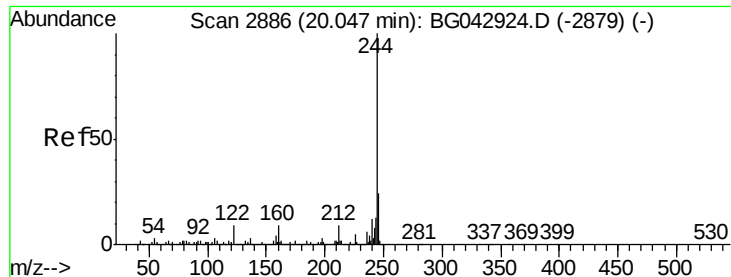


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.136 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

Instrument :

BNA_G

ClientSampleId :

PB123704BL

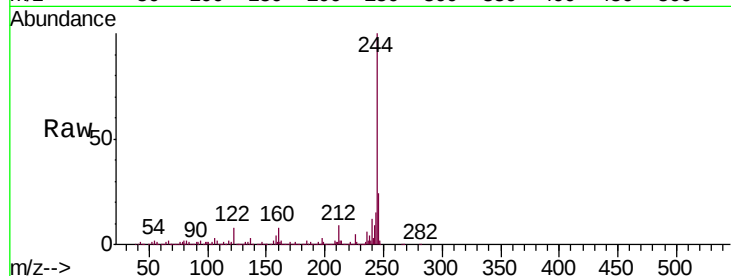
Tgt Ion:244 Resp: 2072174

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.0

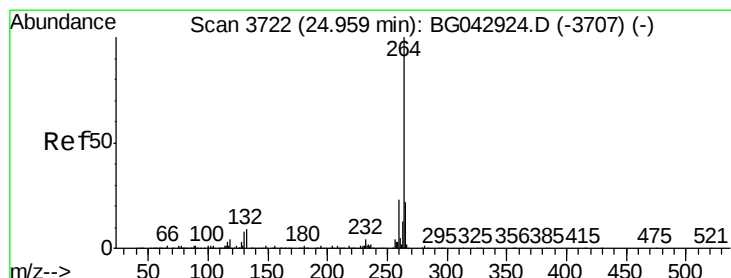
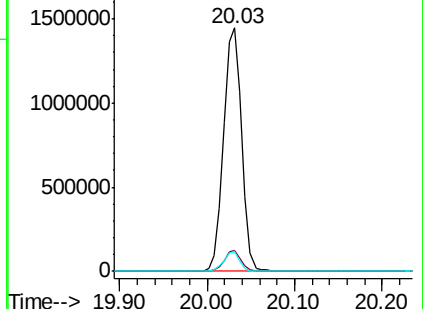
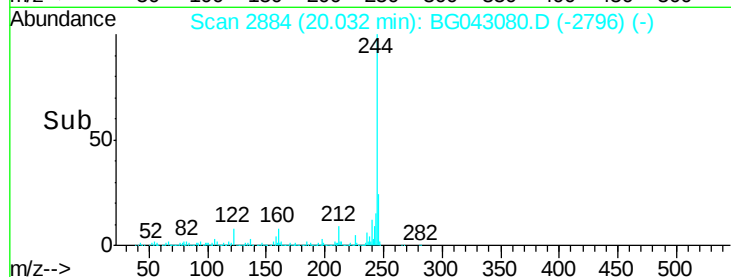
122 7.9 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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. -0.06 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

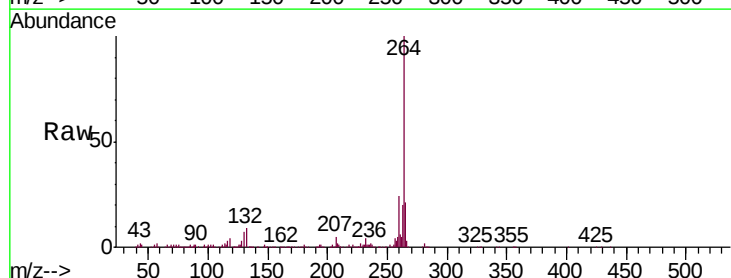
Tgt Ion:264 Resp: 449865

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

200000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

