

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044029.D
 Acq On : 14 Jan 2020 2:14
 Operator : JU
 Sample : L1103-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(4-6)

Quant Time: Jan 14 10:46:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

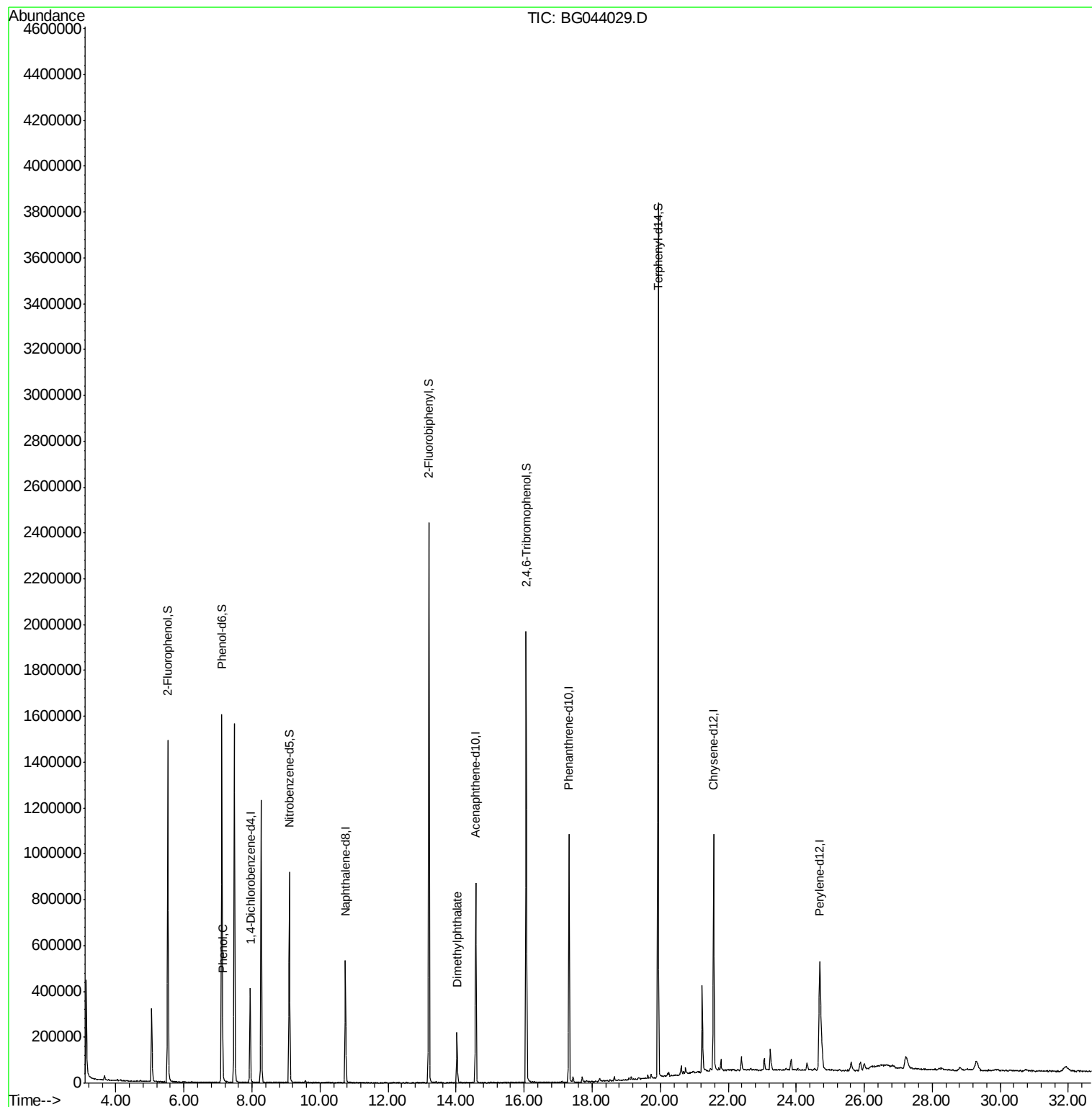
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	123925	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	498162	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	314314	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	676590	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	594146	20.00	ng	-0.02
87) Perylene-d12	24.69	264	673579	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	732452	108.52	ng	-0.01
7) Phenol-d6	7.11	99	1022268	108.36	ng	-0.01
23) Nitrobenzene-d5	9.10	82	594397	63.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.06	330	370392	112.61	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1306087	75.29	ng	-0.02
79) Terphenyl-d14	19.94	244	1958476	77.63	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	30047	3.091	ng	90
50) Dimethylphthalate	14.03	163	154883	6.940	ng	# 97

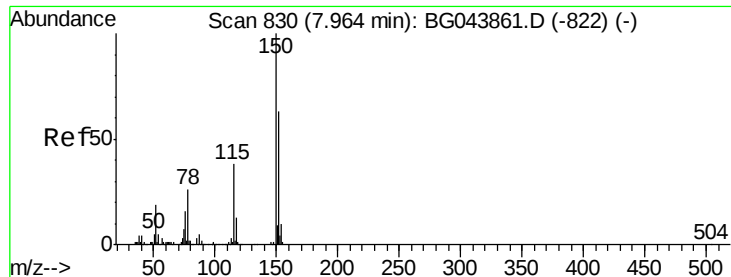
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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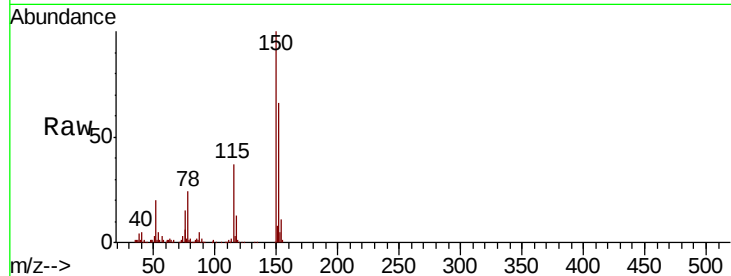


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044029.D
Acq: 14 Jan 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SB-1(4-6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	127.0	190.4
115	57.0	47.8	71.8

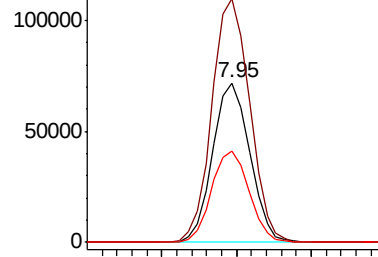


Abundance

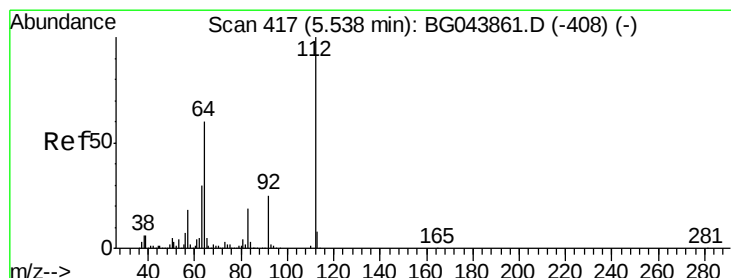
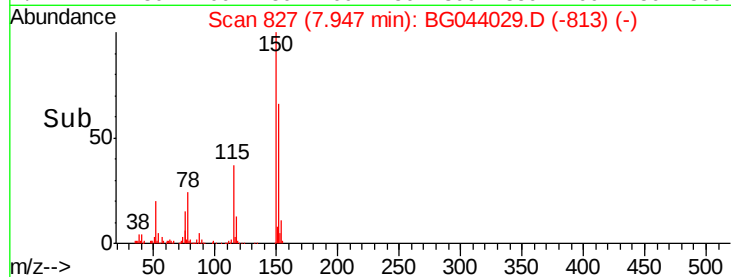
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



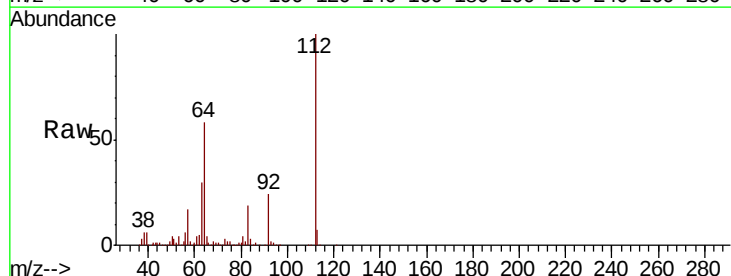
Time-->



#5

2-Fluorophenol
Concen: 108.523 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044029.D
Acq: 14 Jan 2020 2:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.8	71.6
63	30.2	24.3	36.5

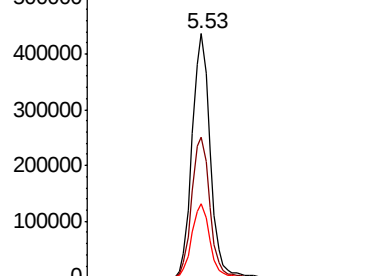


Abundance

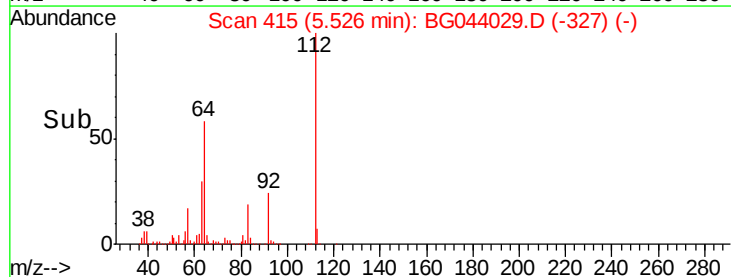
Ion 112.00 (111.70 to 112.70): E

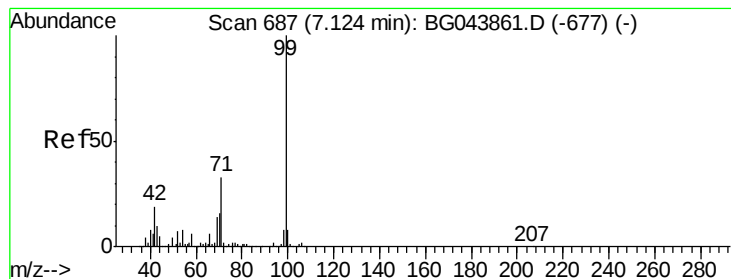
Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG



Time-->





#7

Phenol-d6

Concen: 108.357 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044029.D

Acq: 14 Jan 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SB-1(4-6)

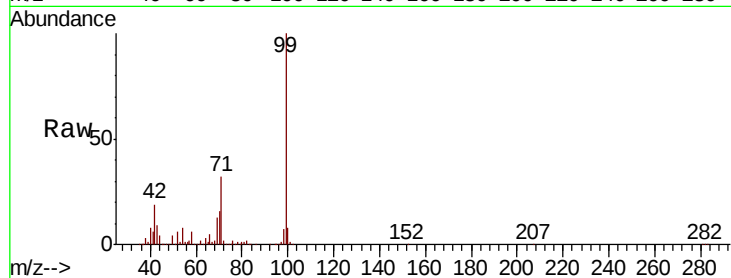
Tot Ion: 99 Resp: 1022268

Ion Ratio Lower Upper

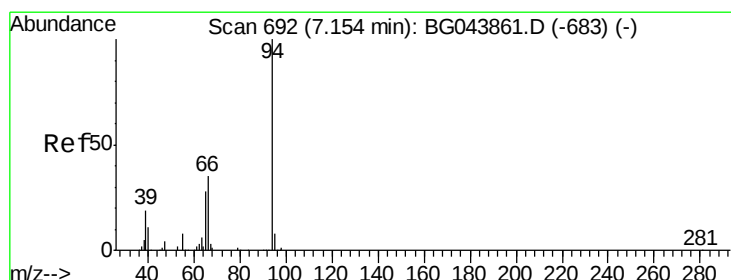
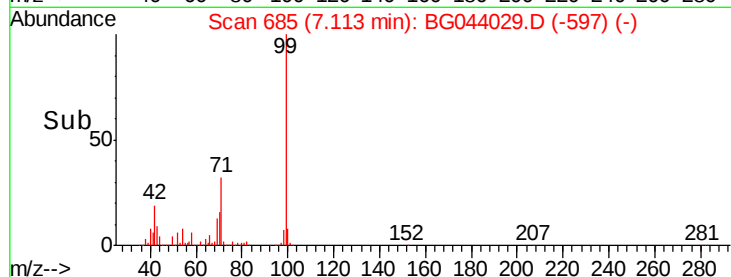
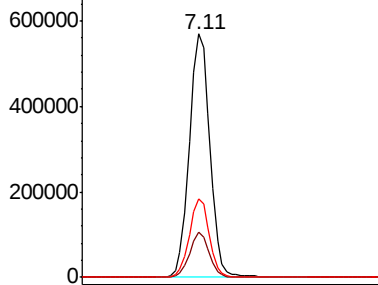
99 100

42 18.6 14.9 22.3

71 32.2 26.4 39.6



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: 3.091 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG044029.D

Acq: 14 Jan 2020 2:14

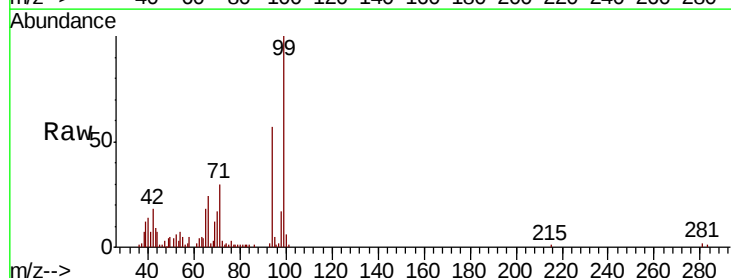
Tgt Ion: 94 Resp: 30047

Ion Ratio Lower Upper

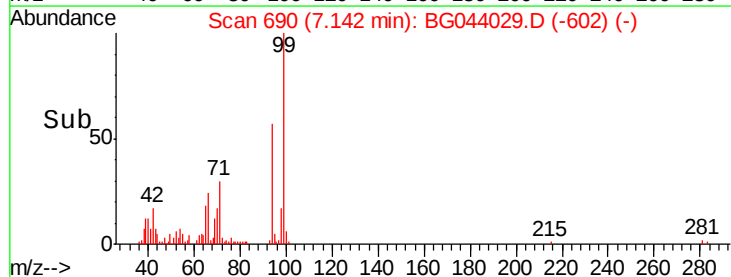
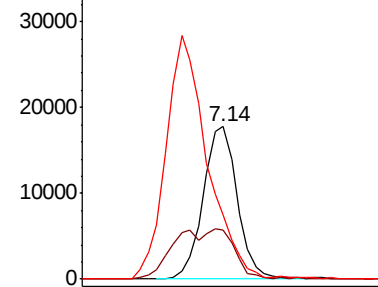
94 100

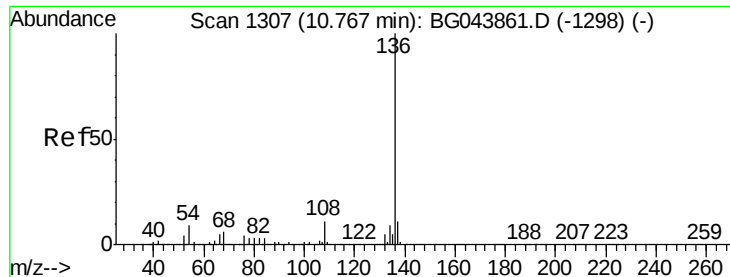
65 32.1 8.1 48.1

66 42.2 15.6 55.6



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

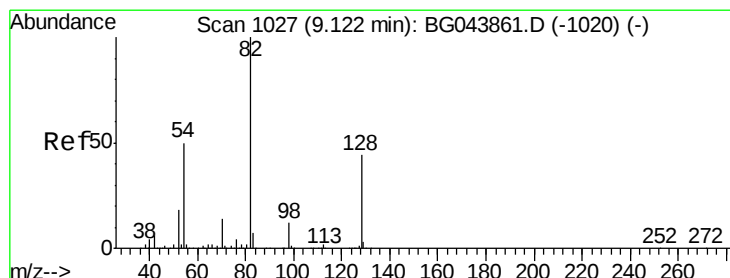
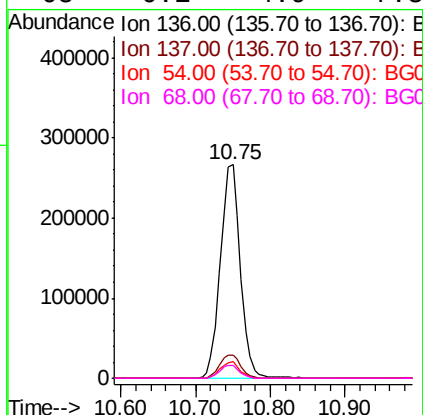
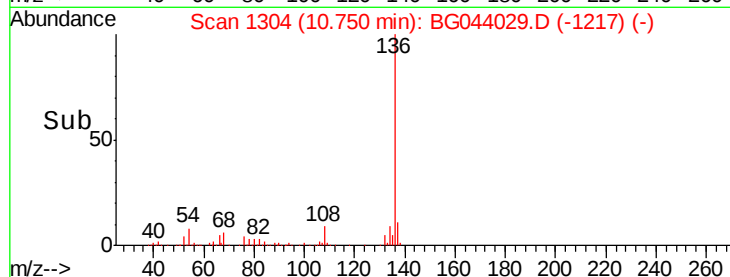
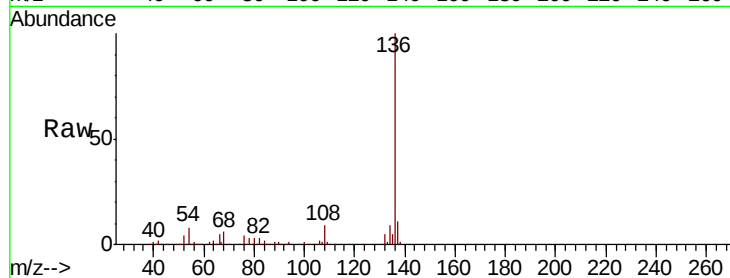




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044029.D
Acq: 14 Jan 2020 2:14

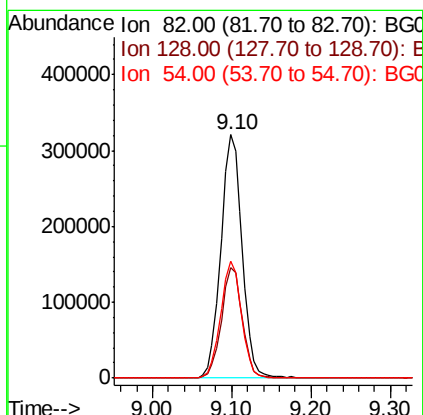
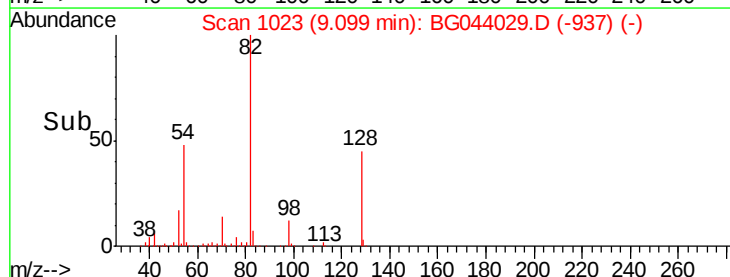
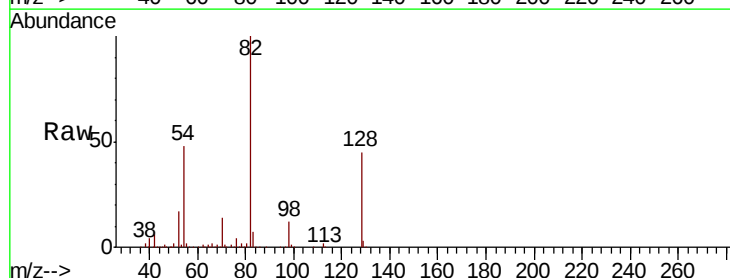
Instrument :
BNA_G
ClientSampleId :
SB-1(4-6)

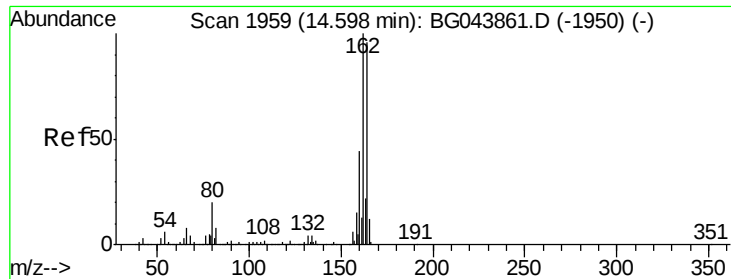
Tot Ion:136	Resp:	498162
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	7.6	7.0 10.4
68	6.1	4.9 7.3



#23
Nitrobenzene-d5
Concen: 63.830 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044029.D
Acq: 14 Jan 2020 2:14

Tgt Ion: 82	Resp:	594397
Ion	Ratio	Lower Upper
82	100	
128	45.3	35.1 52.7
54	48.1	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044029.D

Acq: 14 Jan 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SB-1(4-6)

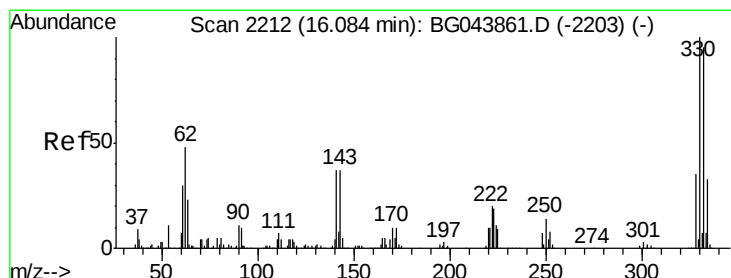
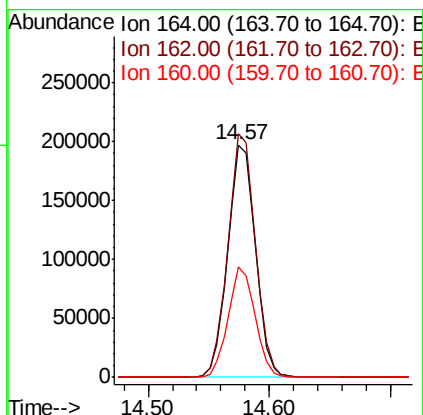
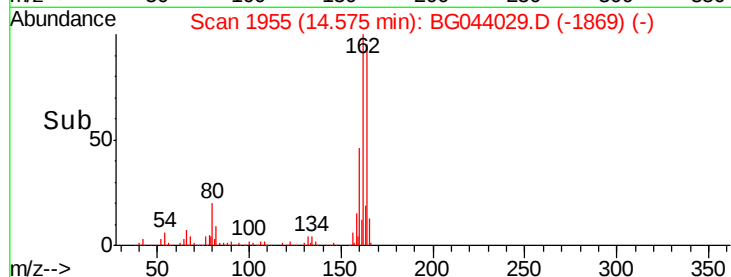
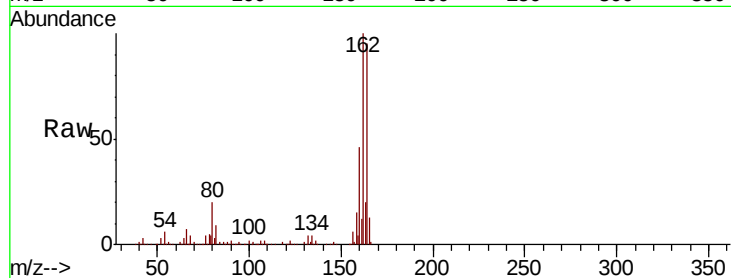
Tot Ion:164 Resp: 314314

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.4

160 47.8 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 112.607 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044029.D

Acq: 14 Jan 2020 2:14

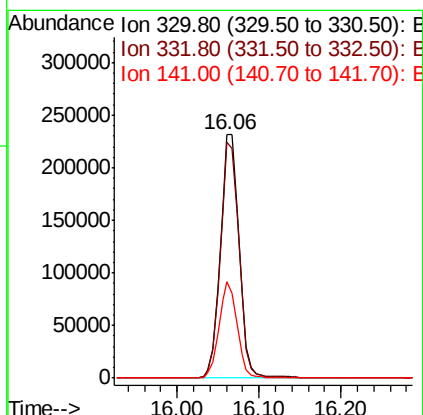
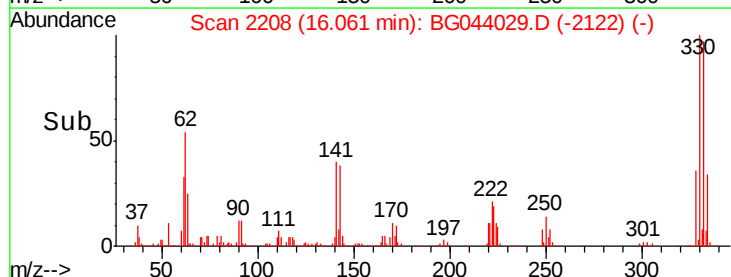
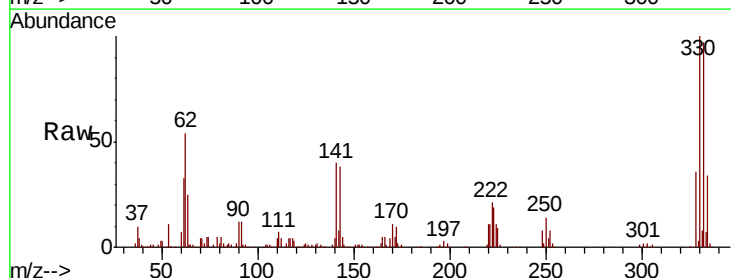
Tgt Ion:330 Resp: 370392

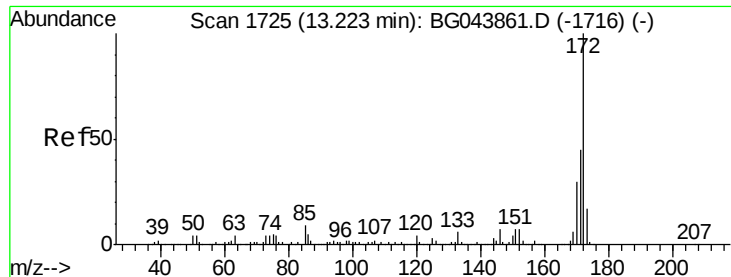
Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

141 38.3 33.1 49.7

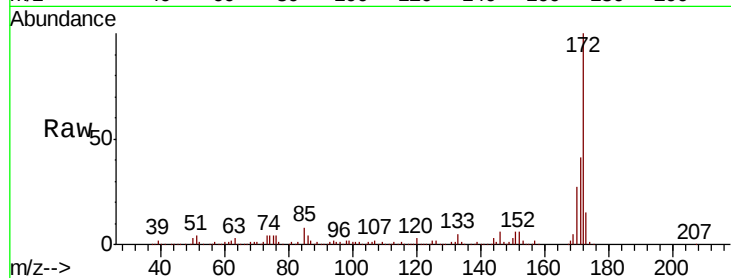




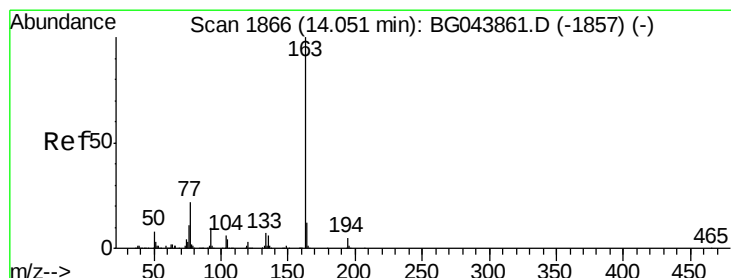
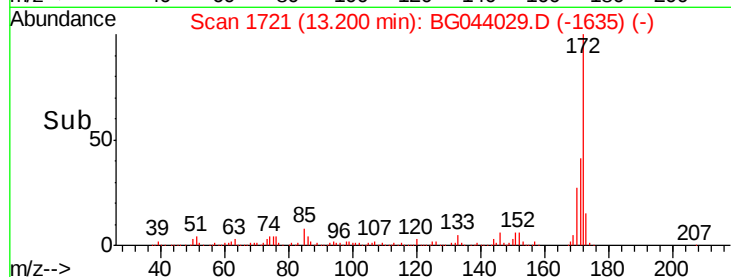
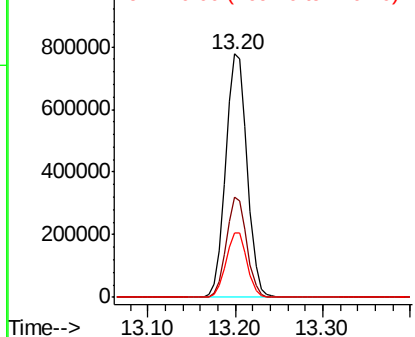
#45
2-Fluorobiphenyl
Concen: 75.285 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044029.D
Acq: 14 Jan 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SB-1(4-6)

Tot Ion:172 Resp: 1306087
Ion Ratio Lower Upper
172 100
171 40.9 35.8 53.8
170 26.7 24.2 36.4

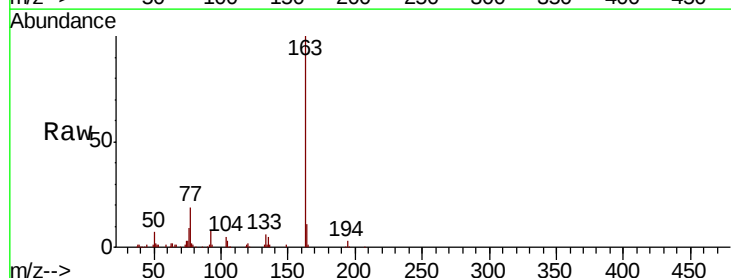


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

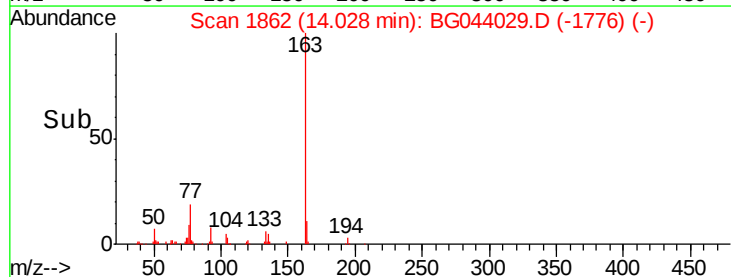
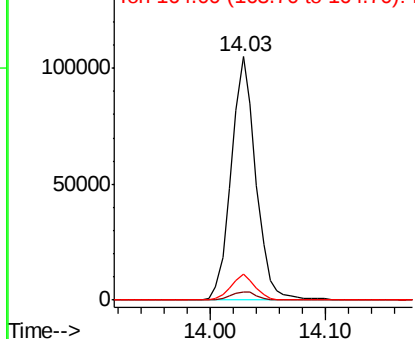


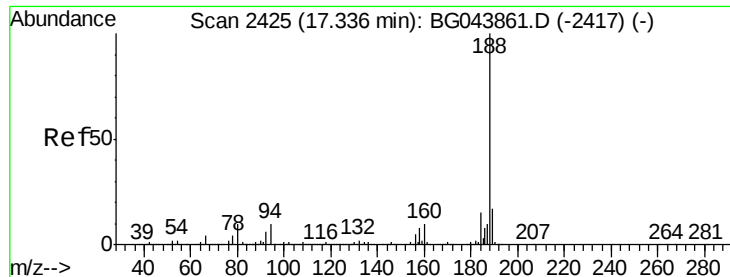
#50
Dimethylphthalate
Concen: 6.940 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044029.D
Acq: 14 Jan 2020 2:14

Tgt Ion:163 Resp: 154883
Ion Ratio Lower Upper
163 100
194 3.5 3.7 5.5#
164 10.6 9.3 13.9



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

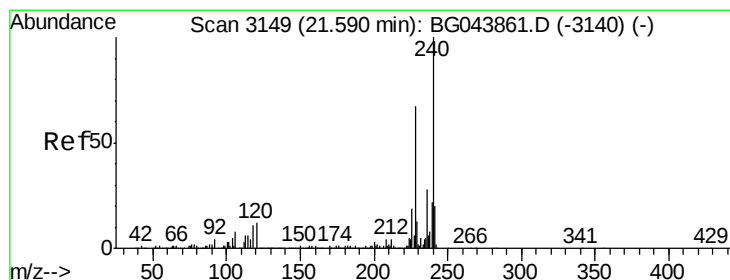
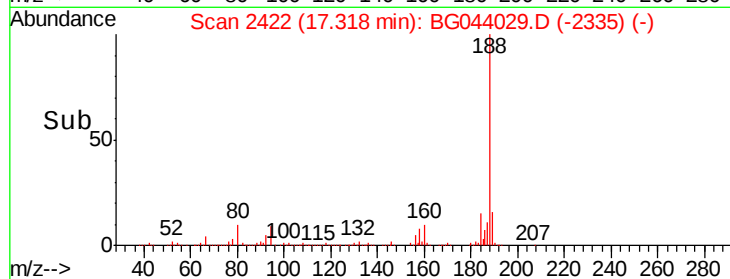
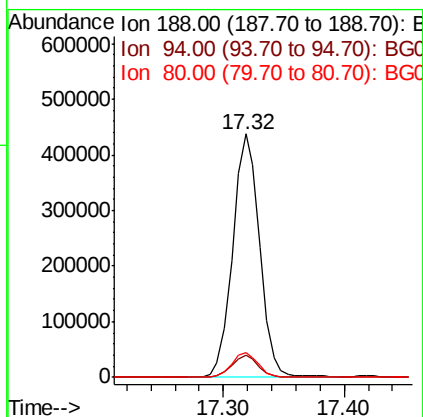
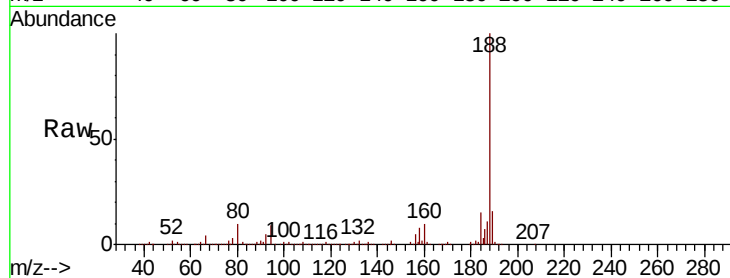




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044029.D
Acq: 14 Jan 2020 2:14

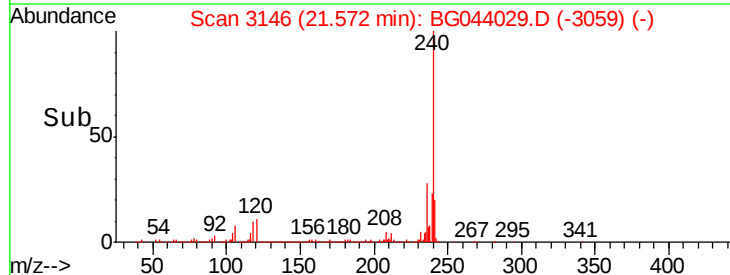
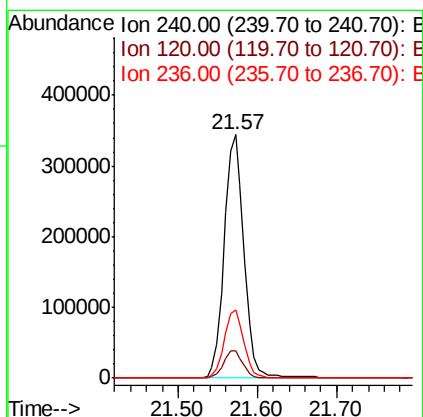
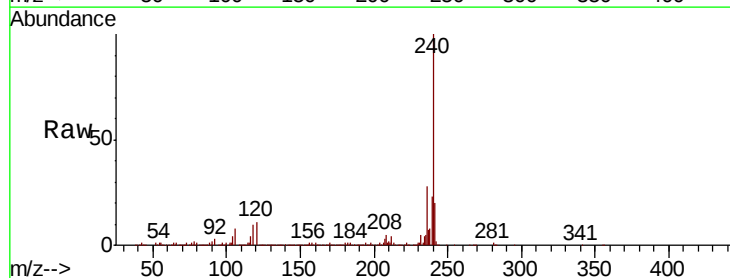
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BNA_G
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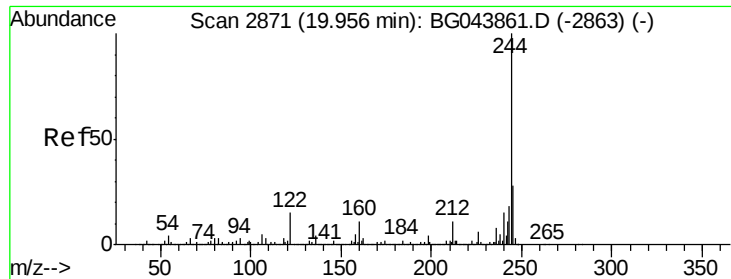
Tot Ion:188 Resp: 676590
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 10.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG044029.D
Acq: 14 Jan 2020 2:14

Tgt Ion:240 Resp: 594146
Ion Ratio Lower Upper
240 100
120 11.0 9.6 14.4
236 28.2 22.2 33.2





#79

Terphenyl-d14

Concen: 77.632 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044029.D

Acq: 14 Jan 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SB-1(4-6)

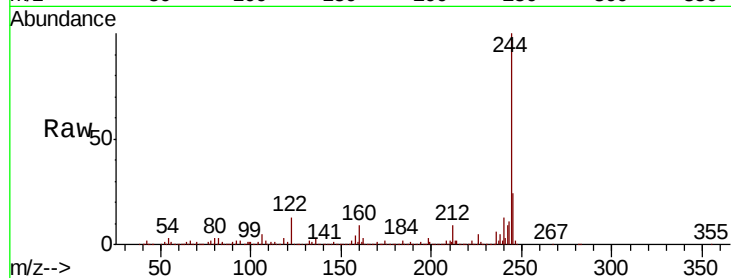
Tot Ion:244 Resp: 1958476

Ion Ratio Lower Upper

244 100

212 9.3 8.6 13.0

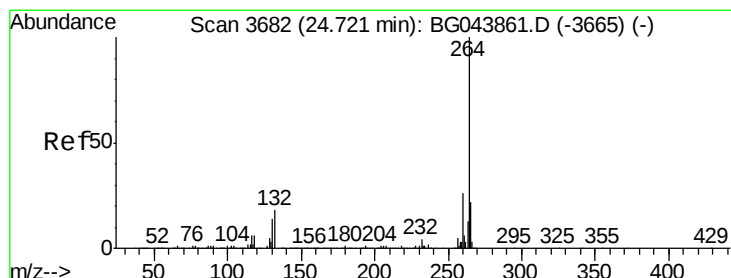
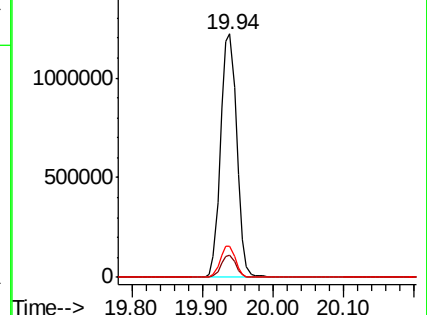
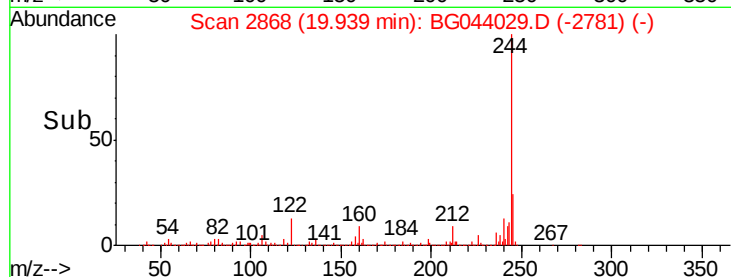
122 12.7 11.9 17.9



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: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG044029.D

Acq: 14 Jan 2020 2:14

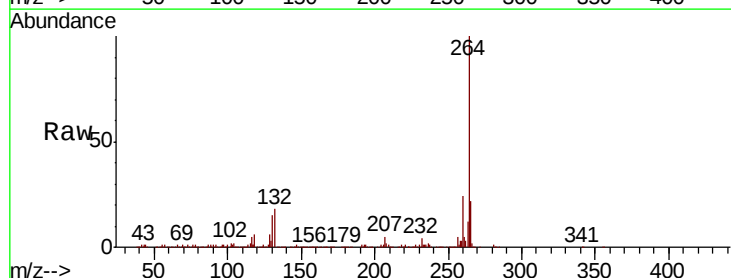
Tgt Ion:264 Resp: 673579

Ion Ratio Lower Upper

264 100

260 24.2 20.4 30.6

265 22.0 17.4 26.2



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

