

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044263.D
 Acq On : 31 Jan 2020 17:07
 Operator : CG/JU
 Sample : L1331-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020

Quant Time: Feb 01 00:10:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

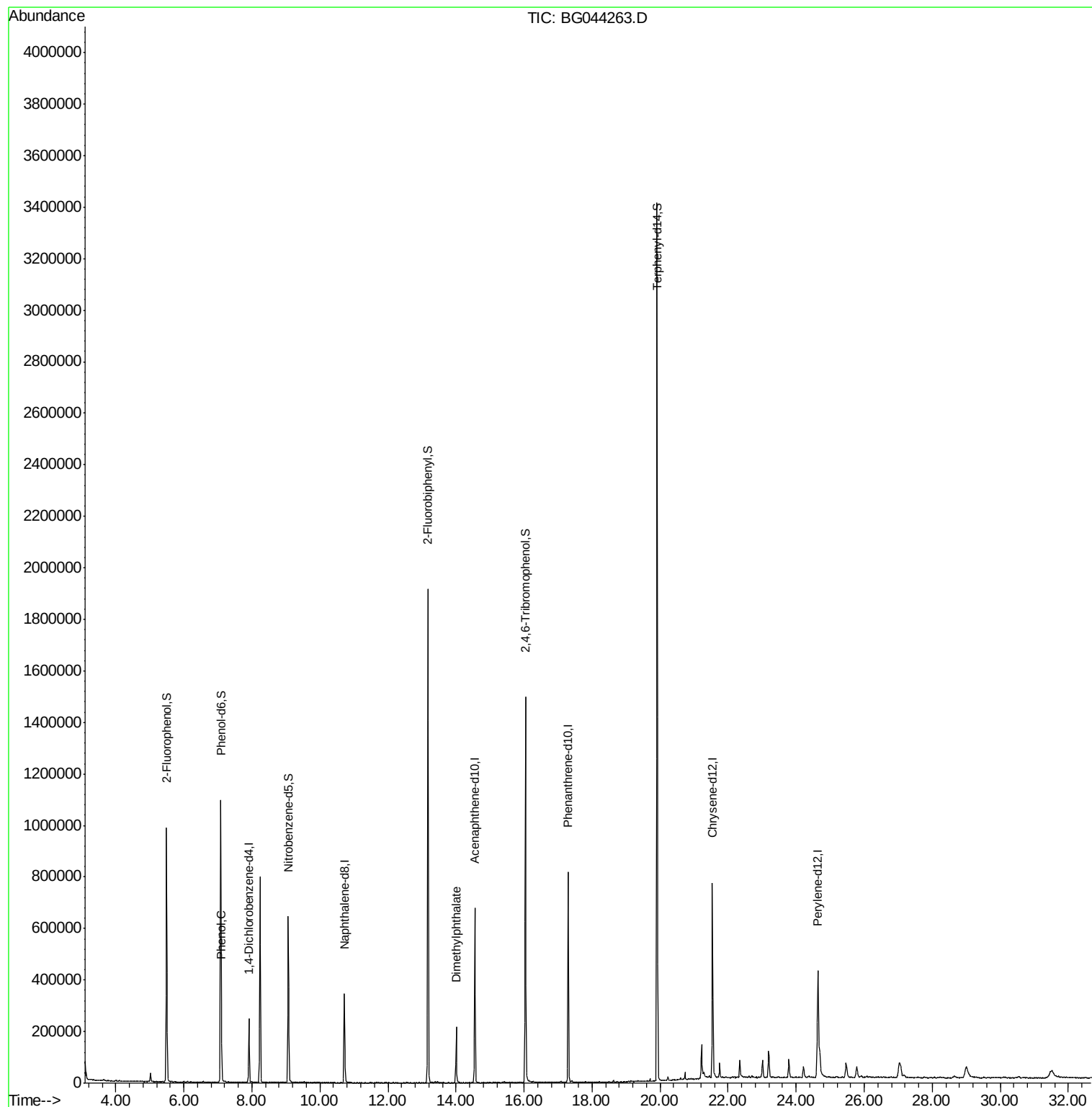
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	72952	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	329426	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	241155	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	514455	20.00	ng	0.00
76) Chrysene-d12	21.54	240	449966	20.00	ng	0.00
87) Perylene-d12	24.64	264	500624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	490655	118.70	ng	0.00
7) Phenol-d6	7.09	99	691336	124.55	ng	0.00
23) Nitrobenzene-d5	9.07	82	422588	72.42	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	285560	100.87	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1047258	72.72	ng	0.00
79) Terphenyl-d14	19.91	244	1574721	71.98	ng	0.00
Target Compounds						
10) Phenol	7.11	94	32901	5.989	ng	91
50) Dimethylphthalate	14.01	163	164511	9.490	ng	98

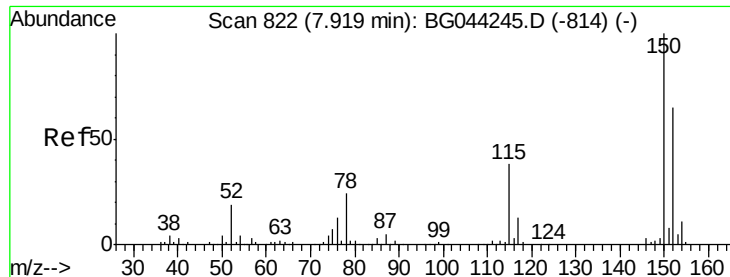
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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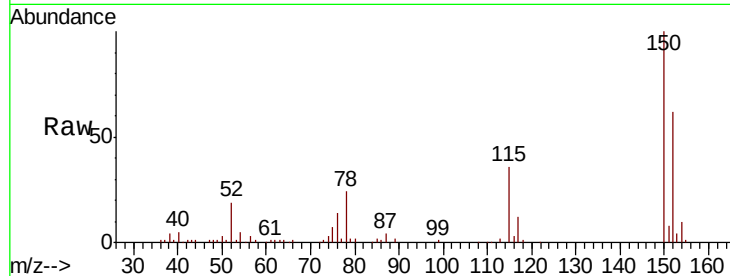


#1

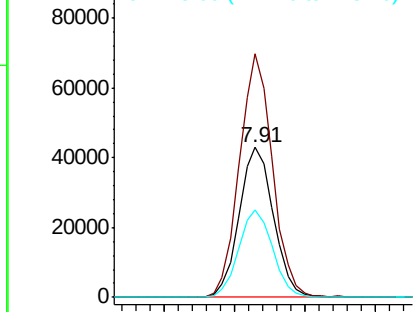
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044263.D
 Acq: 31 Jan 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020

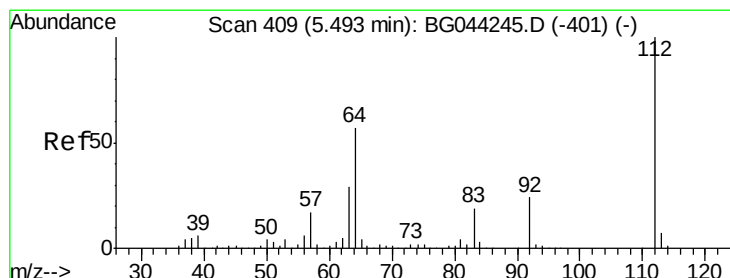
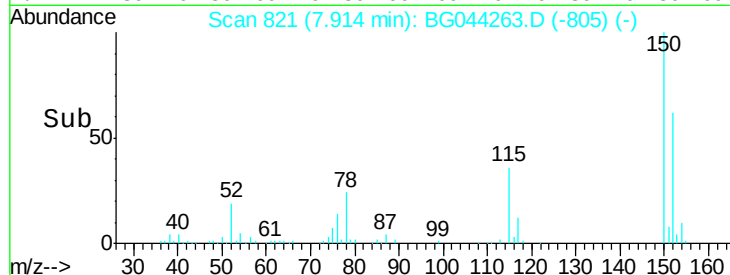
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	122.6	183.8
115	57.9	46.0	69.0



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



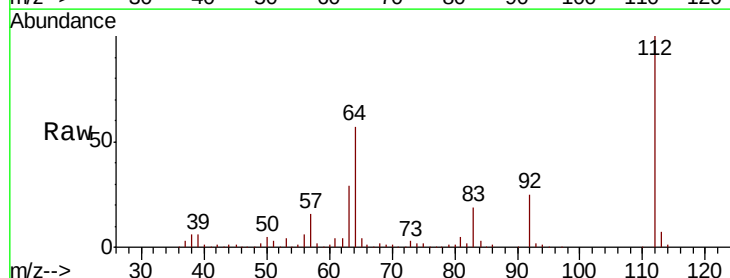
Time-->



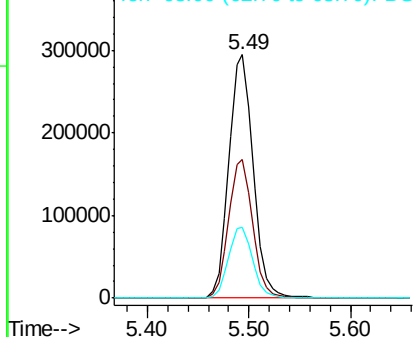
#5

2-Fluorophenol
 Concen: 118.698 ng
 RT: 5.49 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BG044263.D
 Acq: 31 Jan 2020 17:07

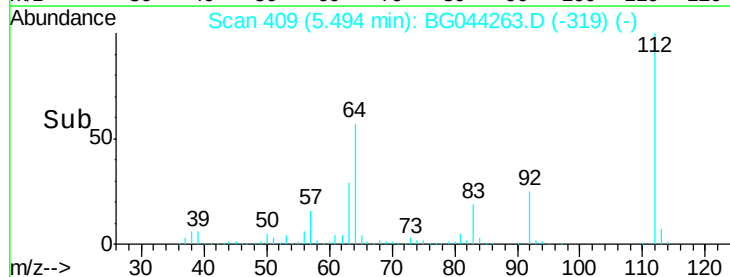
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.4	68.2
63	28.8	22.9	34.3

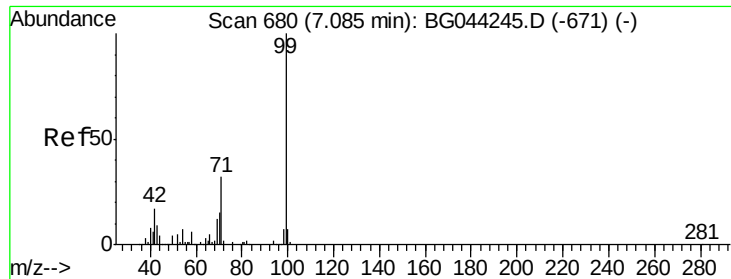


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0



Time-->





#7

Phenol-d6

Concen: 124.546 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044263.D

Acq: 31 Jan 2020 17:07

Instrument :

BNA_G

ClientSampleId :

C-1_013020

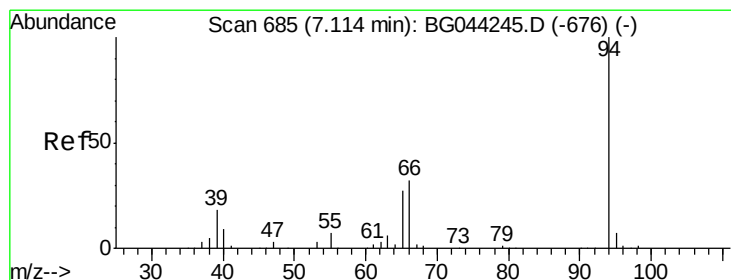
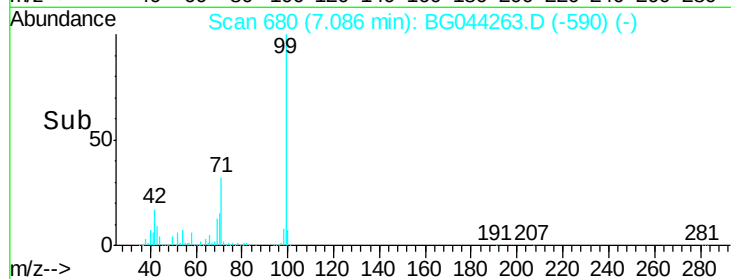
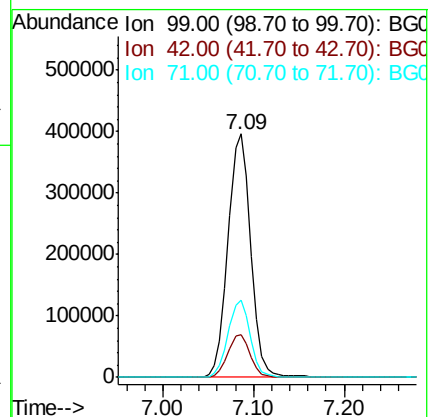
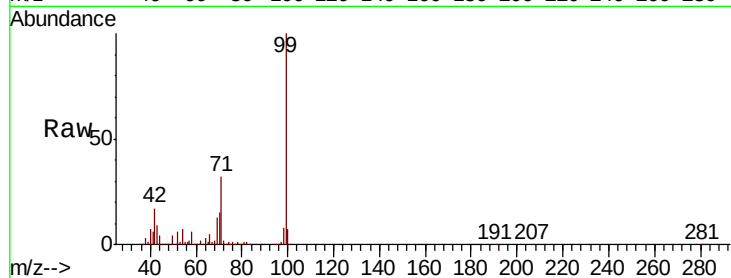
Tot Ion: 99 Resp: 691336

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

71 31.9 25.5 38.3



#10

Phenol

Concen: 5.989 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG044263.D

Acq: 31 Jan 2020 17:07

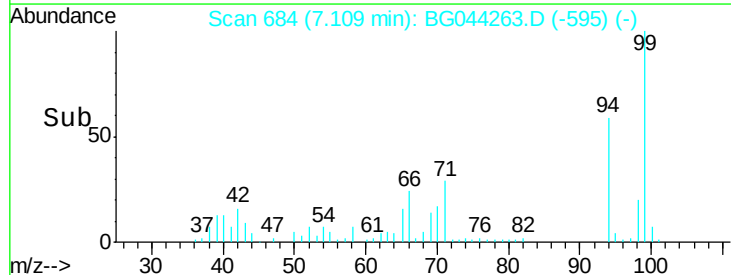
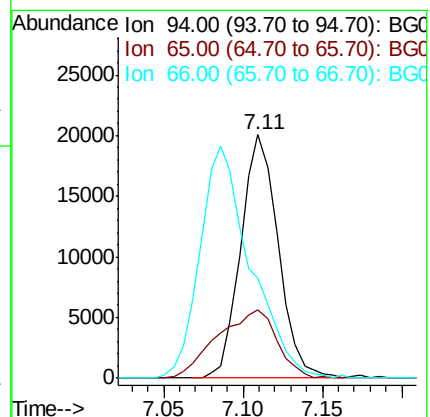
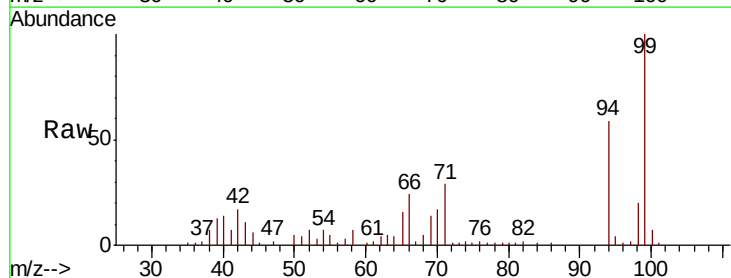
Tgt Ion: 94 Resp: 32901

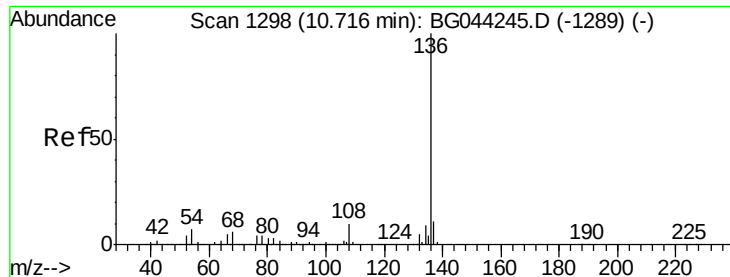
Ion Ratio Lower Upper

94 100

65 28.1 7.0 47.0

66 41.2 12.7 52.7

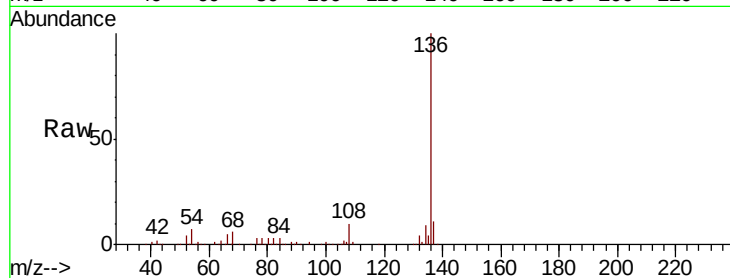




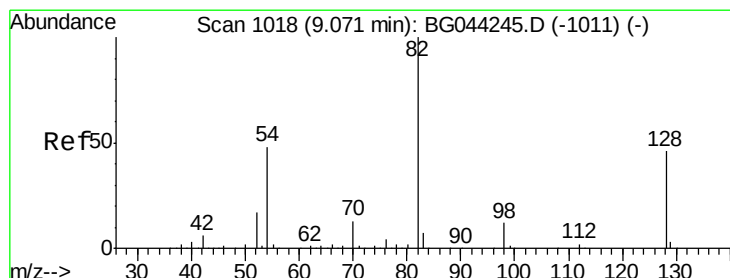
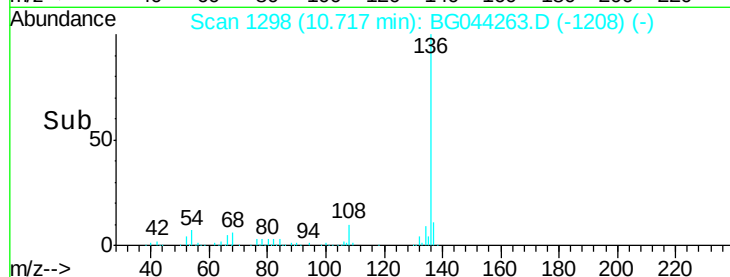
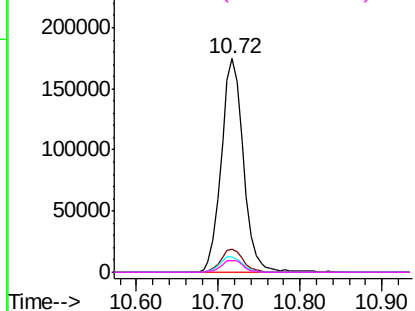
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044263.D
Acq: 31 Jan 2020 17:07

Instrument :
BNA_G
ClientSampleId :
C-1_013020

Tot Ion:136	Resp:	329426	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 7.1	5.8	8.8	
68 5.7	4.6	6.8	

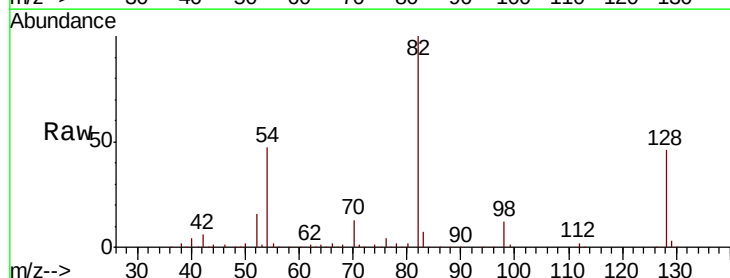


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

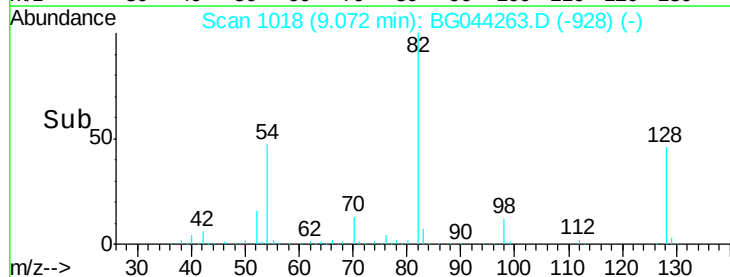
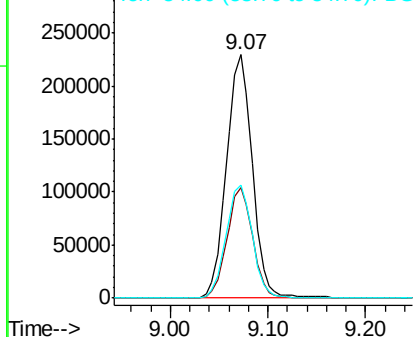


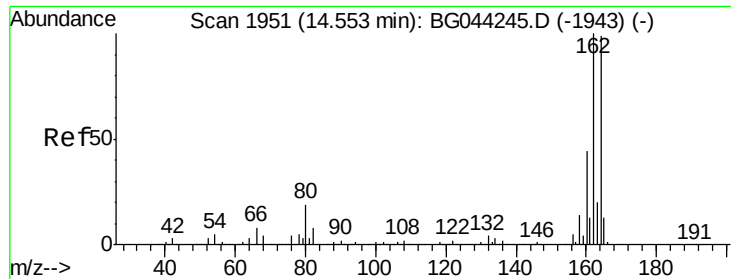
#23
Nitrobenzene-d5
Concen: 72.422 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044263.D
Acq: 31 Jan 2020 17:07

Tgt Ion: 82	Resp: 422588
Ion Ratio	Lower Upper
82 100	
128 45.5	36.5 54.7
54 46.6	38.6 58.0



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: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG044263.D

Acq: 31 Jan 2020 17:07

Instrument :

BNA_G

ClientSampleId :

C-1_013020

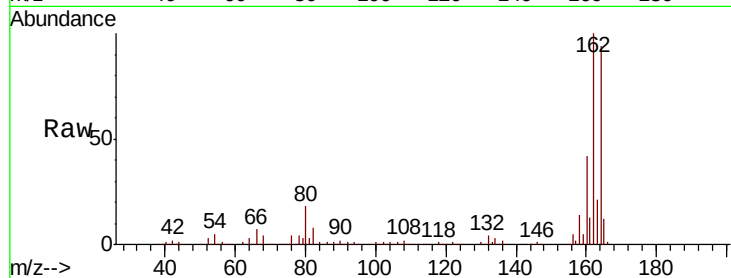
Tot Ion:164 Resp: 241155

Ion Ratio Lower Upper

164 100

162 106.6 80.7 121.1

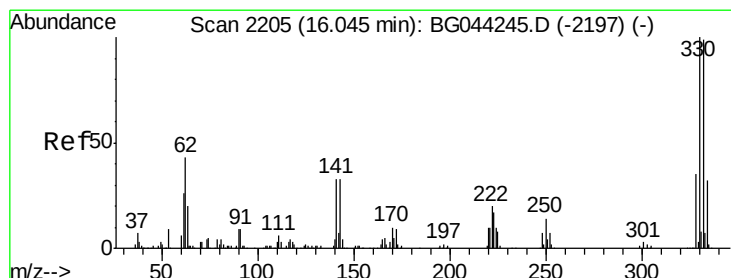
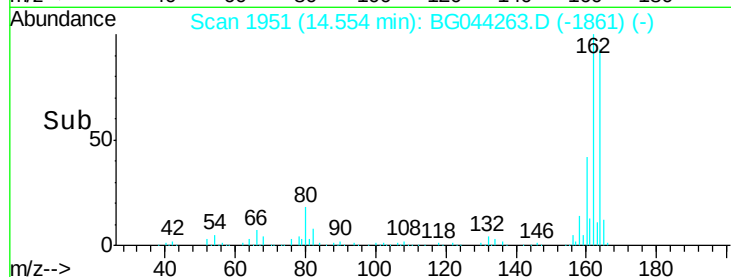
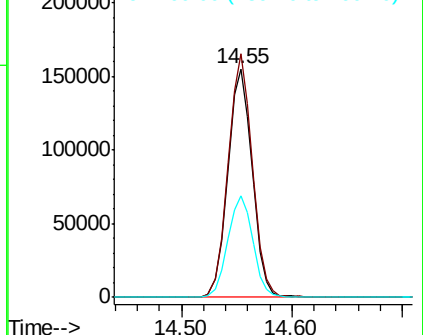
160 44.4 35.3 52.9



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: 100.868 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044263.D

Acq: 31 Jan 2020 17:07

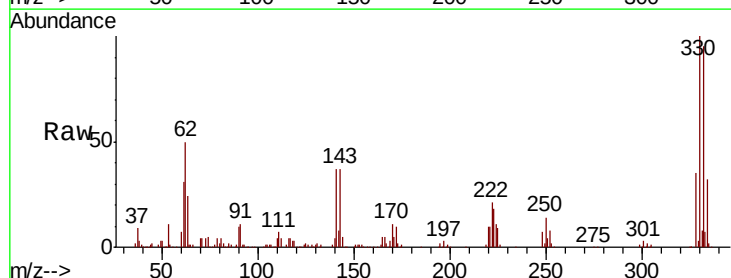
Tgt Ion:330 Resp: 285560

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

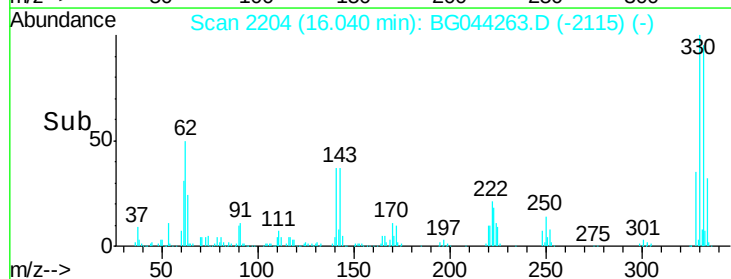
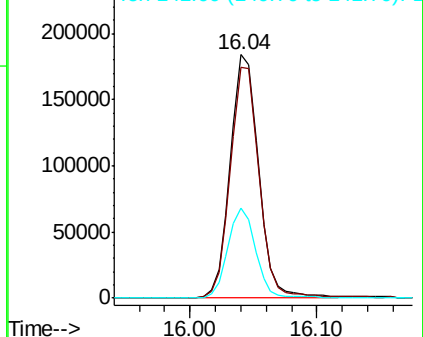
141 36.5 28.3 42.5

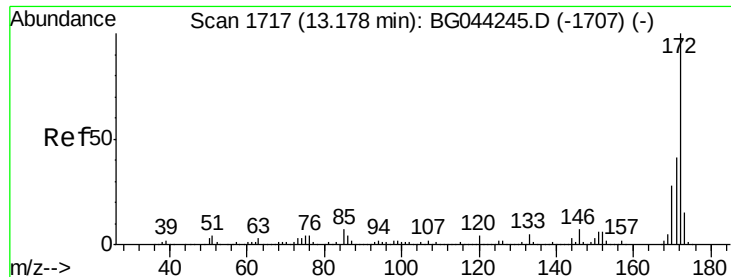


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



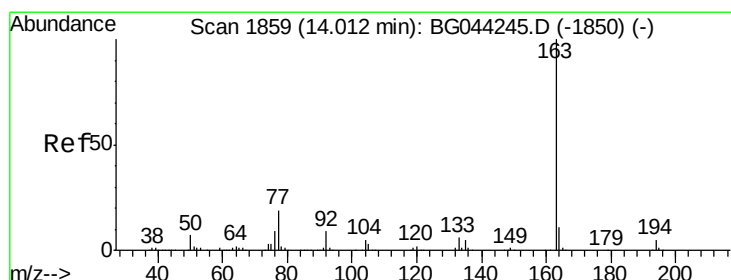
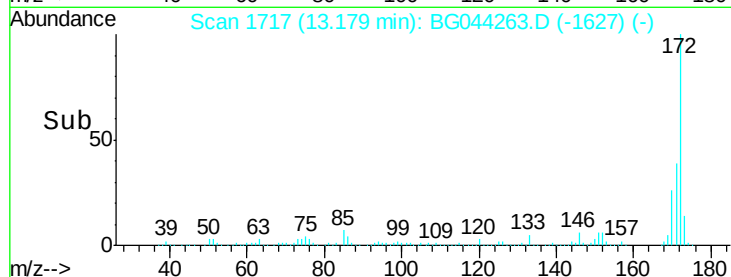
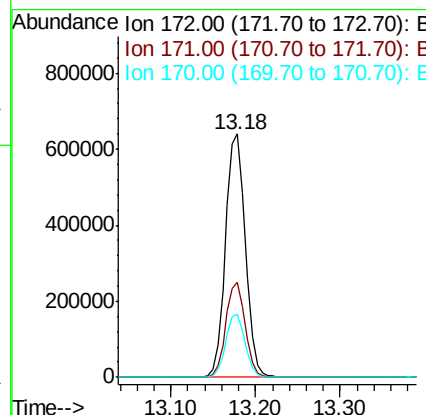
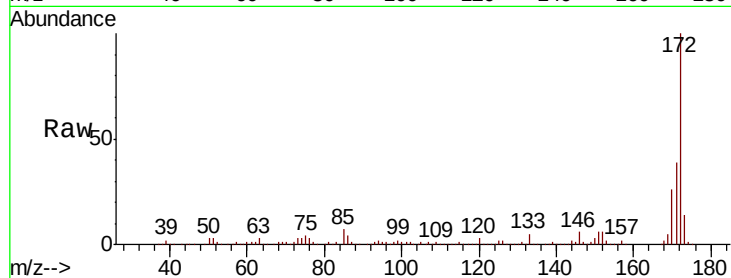


#45
 2-Fluorobiphenyl
 Concen: 72.720 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG044263.D
 Acq: 31 Jan 2020 17:07

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020

Tot Ion:172 Resp: 1047258

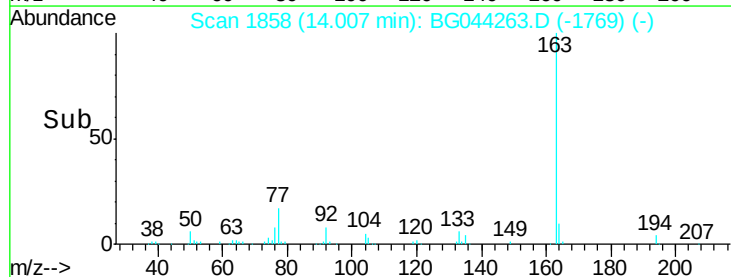
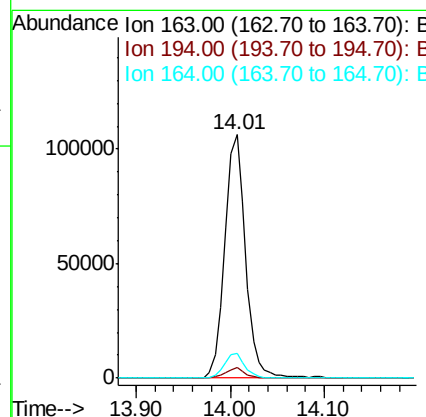
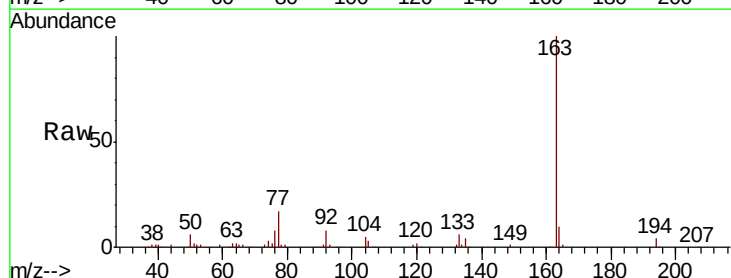
Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.9	49.3
170	26.1	22.0	33.0

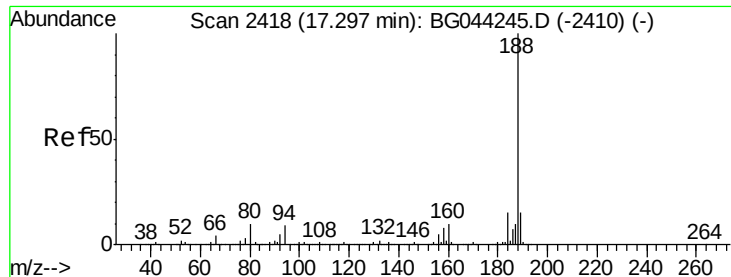


#50
 Dimethylphthalate
 Concen: 9.490 ng
 RT: 14.01 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG044263.D
 Acq: 31 Jan 2020 17:07

Tgt Ion:163 Resp: 164511

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.0	8.7	13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044263.D

Acq: 31 Jan 2020 17:07

Instrument :

BNA_G

ClientSampleId :

C-1_013020

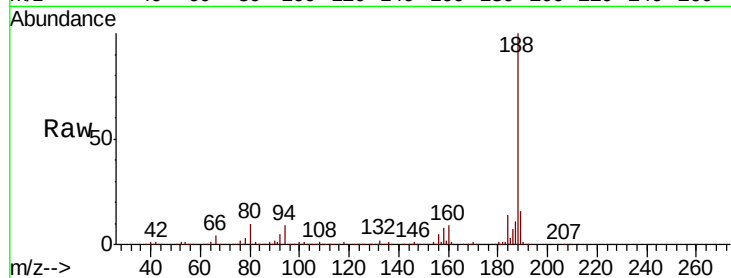
Tot Ion:188 Resp: 514455

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

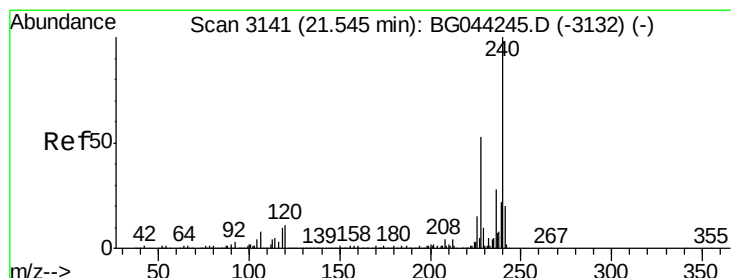
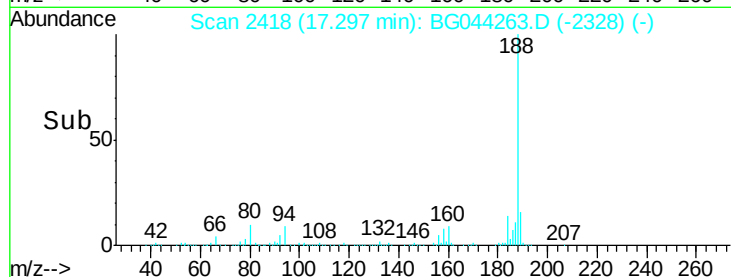
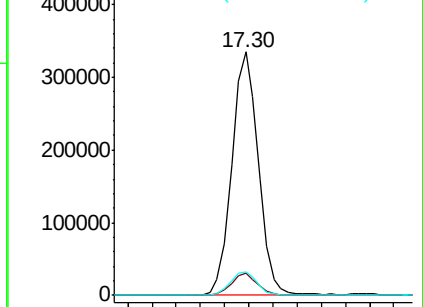
80 9.7 7.7 11.5



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: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044263.D

Acq: 31 Jan 2020 17:07

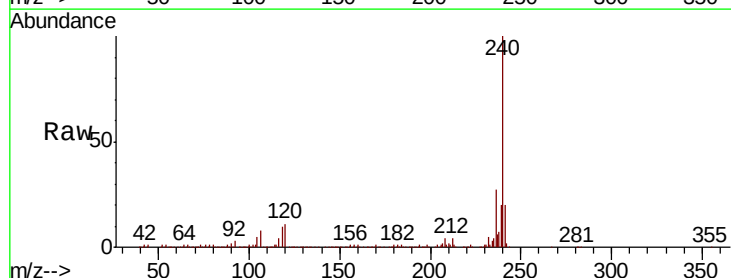
Tgt Ion:240 Resp: 449966

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

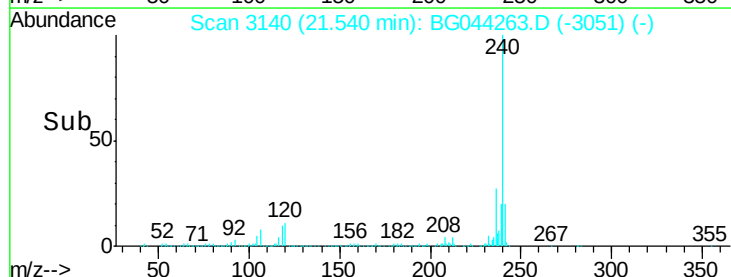
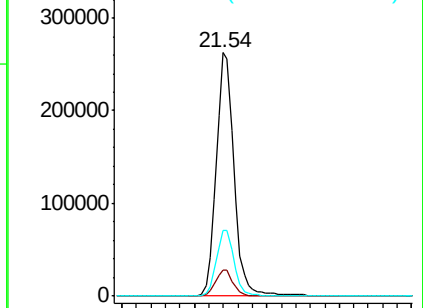
236 27.0 22.1 33.1

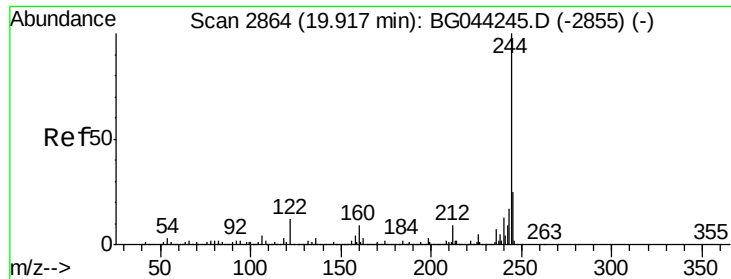


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.983 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044263.D

Acq: 31 Jan 2020 17:07

Instrument :

BNA_G

ClientSampleId :

C-1_013020

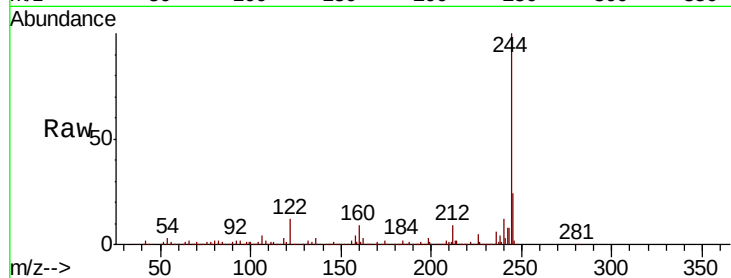
Tot Ion:244 Resp: 1574721

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.2

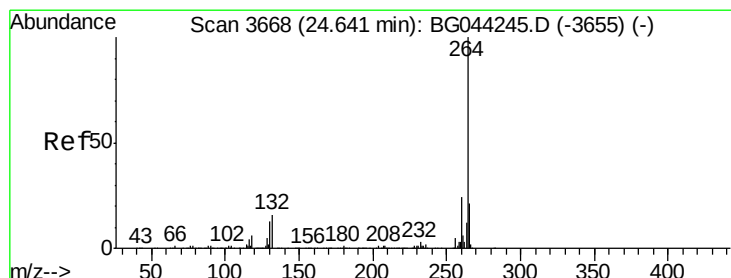
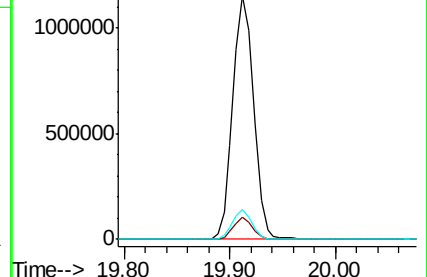
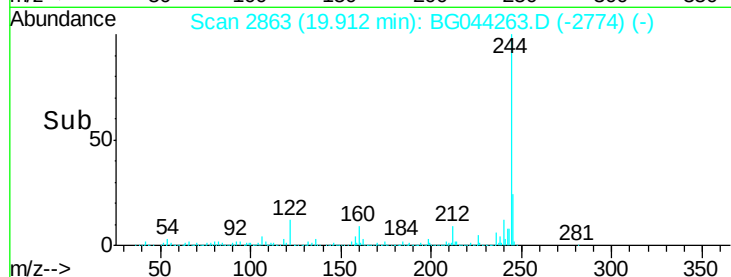
122 12.2 9.8 14.6



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: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG044263.D

Acq: 31 Jan 2020 17:07

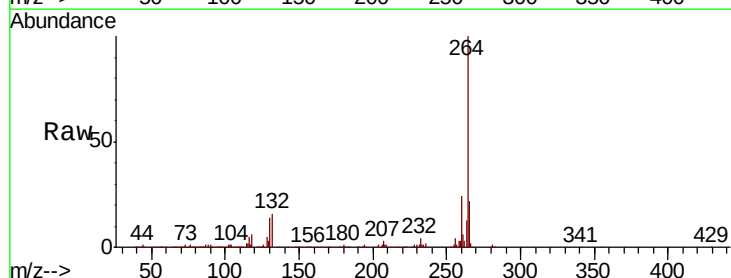
Tgt Ion:264 Resp: 500624

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.1 16.7 25.1



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

