

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038723.D
 Acq On : 19 Dec 2018 11:07
 Operator : JU/SJ
 Sample : J6398-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 12:19:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

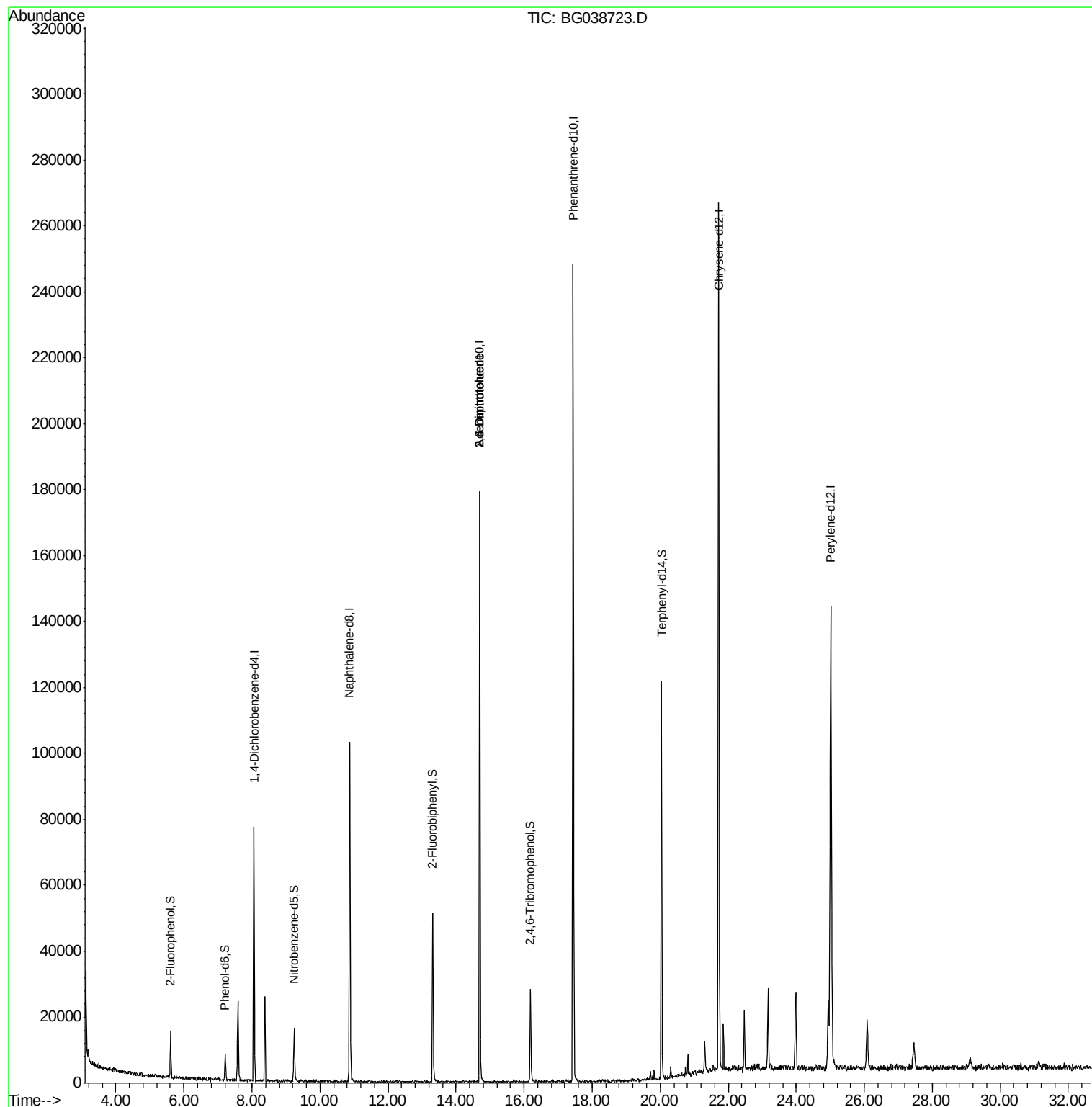
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23187	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	95317	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	67065	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	169752	20.00	ng	0.00
76) Chrysene-d12	21.72	240	175931	20.00	ng	0.00
87) Perylene-d12	25.01	264	181450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	6894	5.27	ng	0.00
7) Phenol-d6	7.21	99	5301	2.95	ng	0.00
23) Nitrobenzene-d5	9.24	82	11867	6.36	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	8341	9.02	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	35325	7.23	ng	0.00
79) Terphenyl-d14	20.04	244	67201	8.31	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.69	165	8545	6.885	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	8545	4.888	ng	# 21

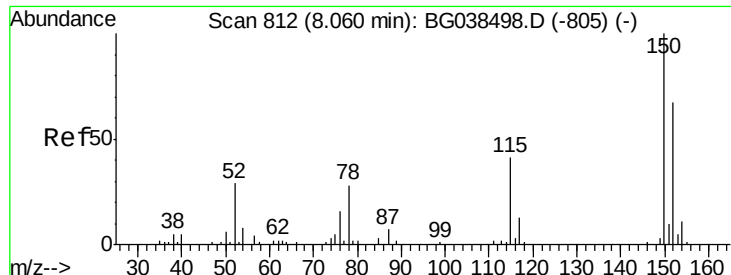
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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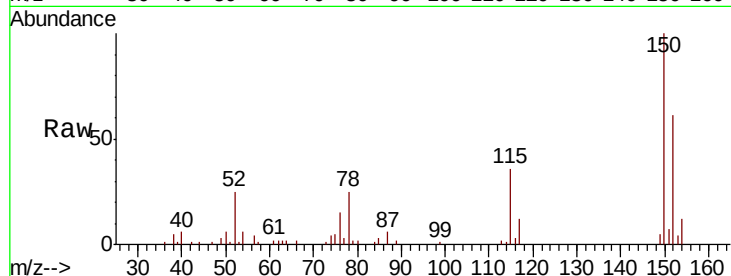


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	119.5	179.3
115	59.5	49.6	74.4

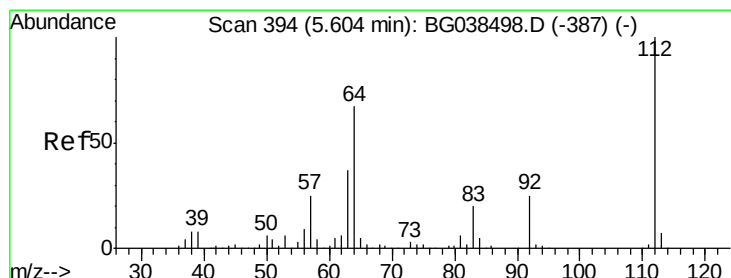
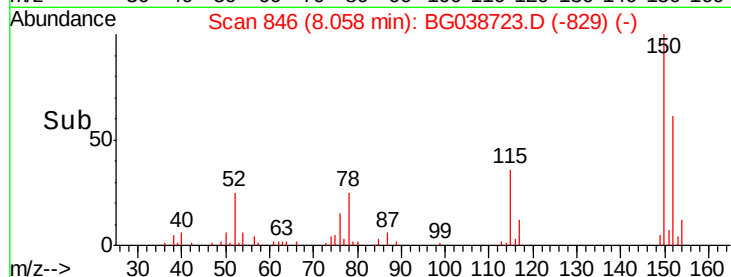
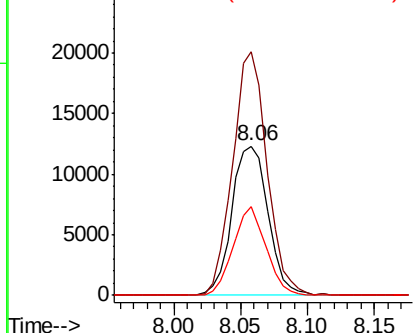


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

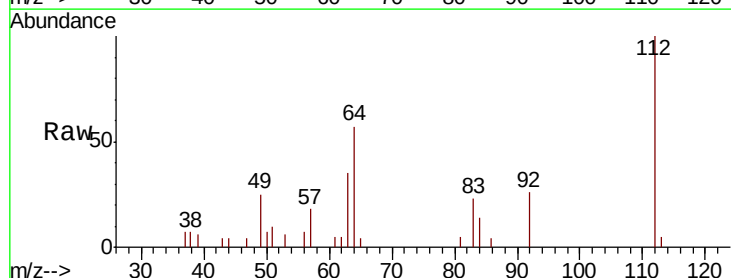
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 5.273 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	53.4	80.2
63	34.9	29.3	43.9

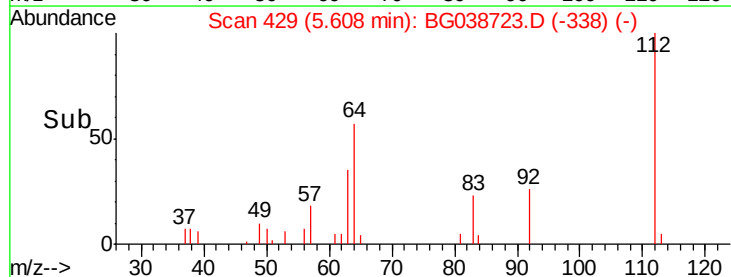
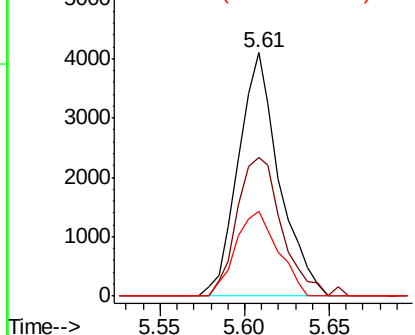


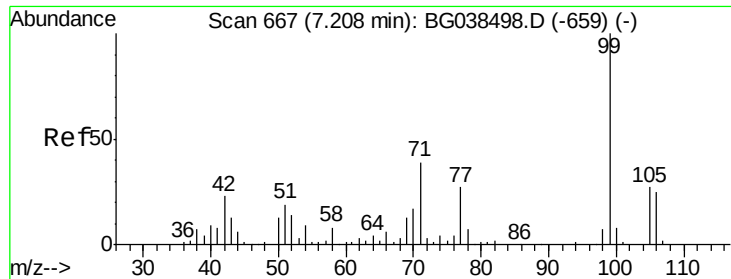
Abundance

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: 2.954 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038723.D

Acq: 19 Dec 2018 11:07

Instrument :

BNA_G

ClientSampleId :

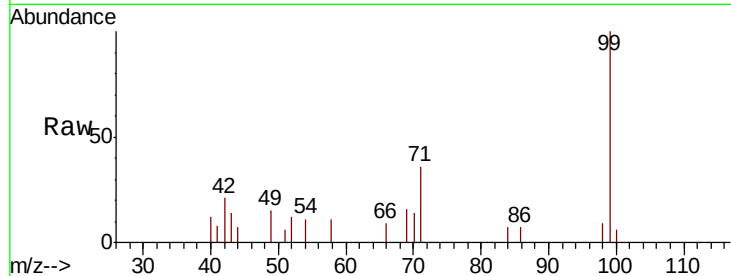
Tot Ion: 99 Resp: 5301

Ion Ratio Lower Upper

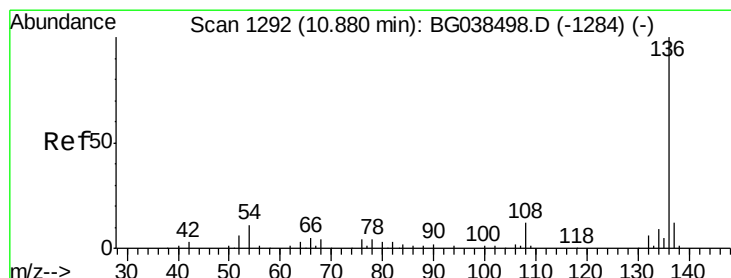
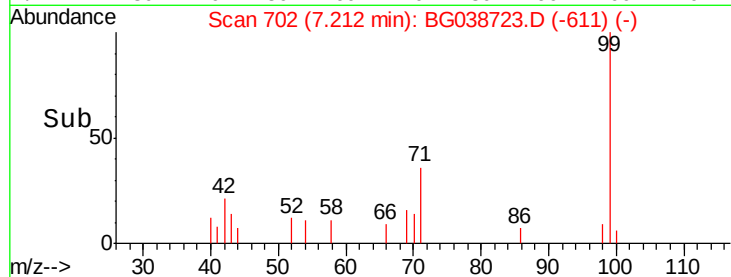
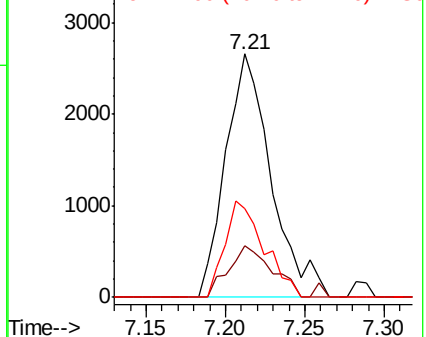
99 100

42 21.4 18.5 27.7

71 36.4 31.1 46.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038723.D

Acq: 19 Dec 2018 11:07

Tgt Ion: 136 Resp: 95317

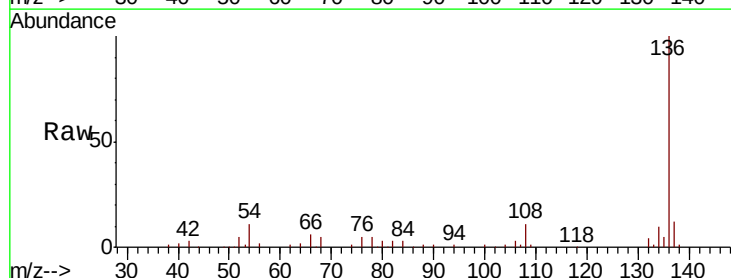
Ion Ratio Lower Upper

136 100

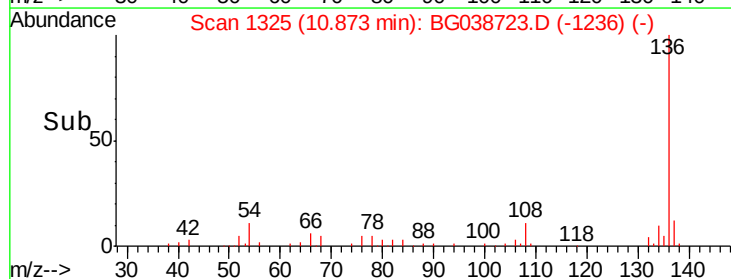
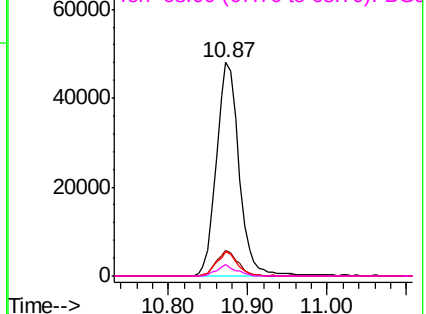
137 11.7 9.3 13.9

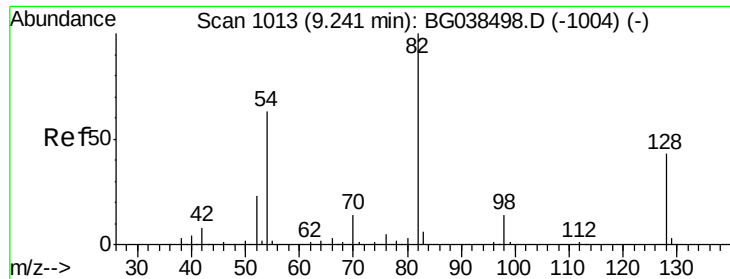
54 11.5 8.5 12.7

68 5.3 3.5 5.3



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

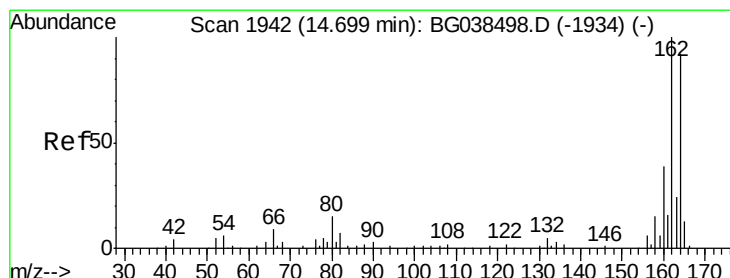
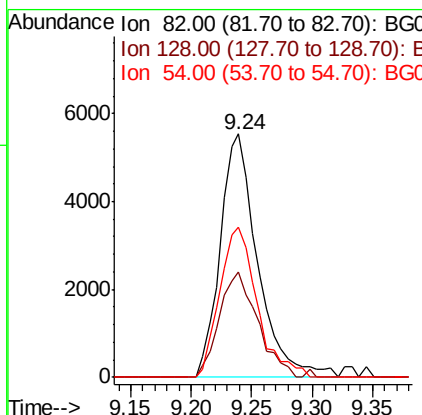
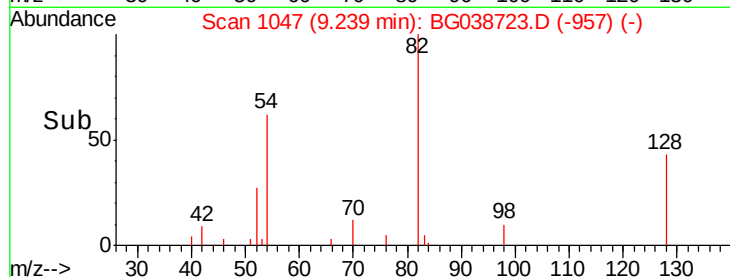
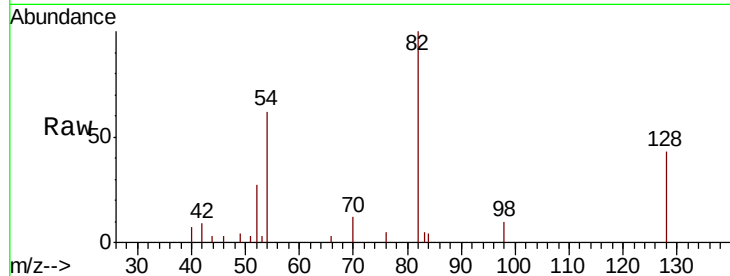




#23
 Nitrobenzene-d5
 Concen: 6.360 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038723.D
 Acq: 19 Dec 2018 11:07

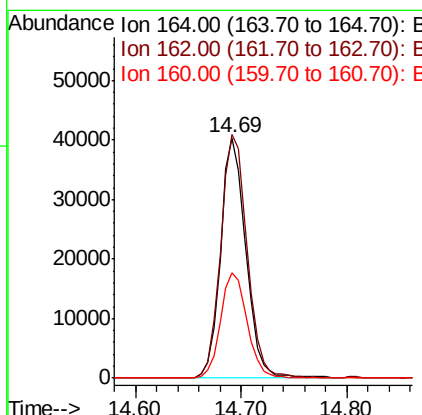
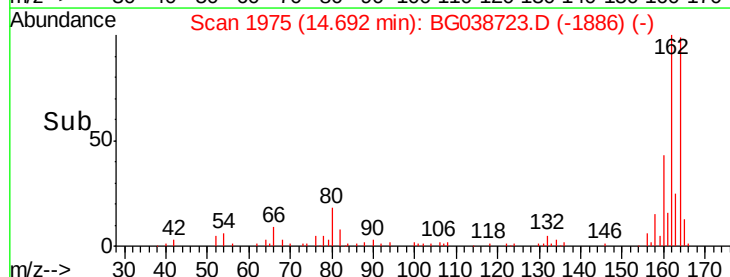
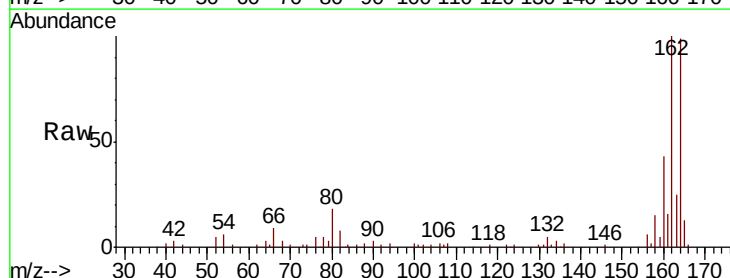
Instrument :
 BNA_G
 ClientSampleId :

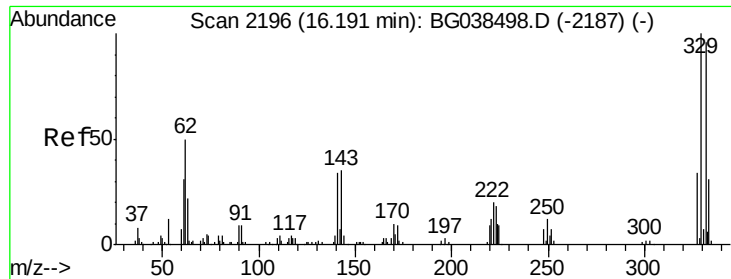
Tot Ion	82	Resp	11867
Ion Ratio	100	Lower	Upper
128	43.4	34.6	52.0
54	61.8	50.6	76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038723.D
 Acq: 19 Dec 2018 11:07

Tgt Ion	164	Resp	67065
Ion Ratio	100	Lower	Upper
162	101.3	86.6	130.0
160	43.7	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 9.024 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038723.D

Acq: 19 Dec 2018 11:07

Instrument :

BNA_G

ClientSampled :

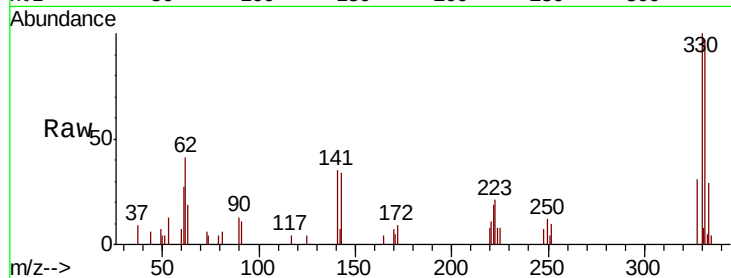
Tot Ion:330 Resp: 8341

Ion Ratio Lower Upper

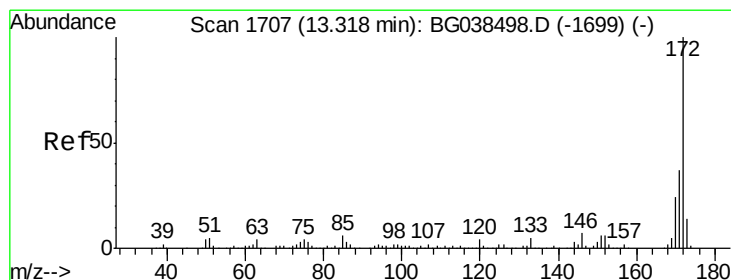
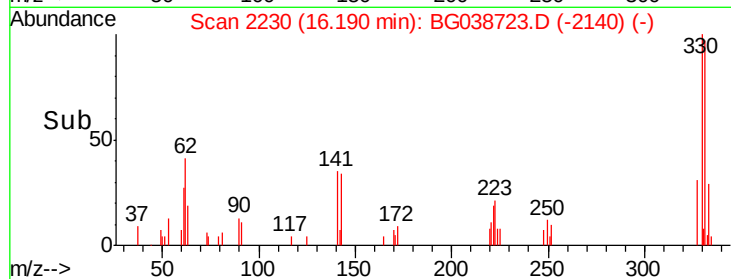
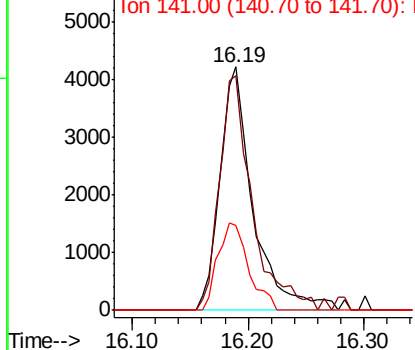
330 100

332 96.0 76.9 115.3

141 33.2 28.8 43.2



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: 7.226 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038723.D

Acq: 19 Dec 2018 11:07

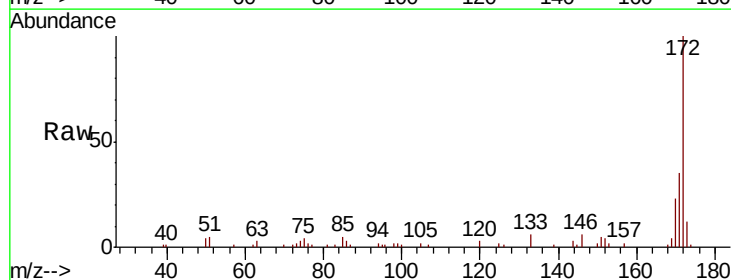
Tgt Ion:172 Resp: 35325

Ion Ratio Lower Upper

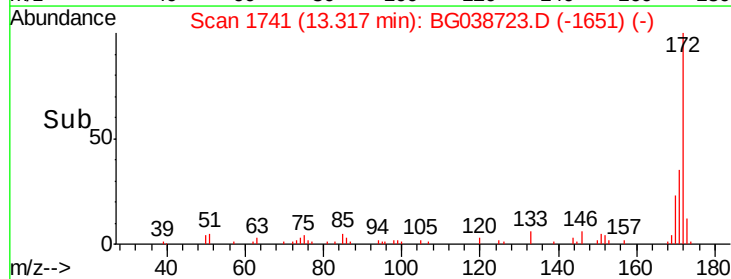
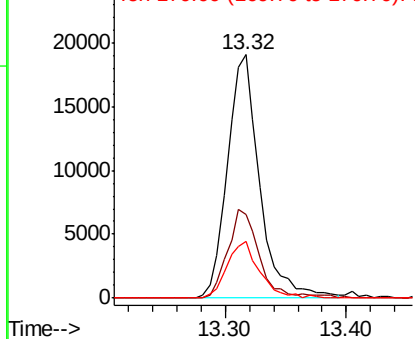
172 100

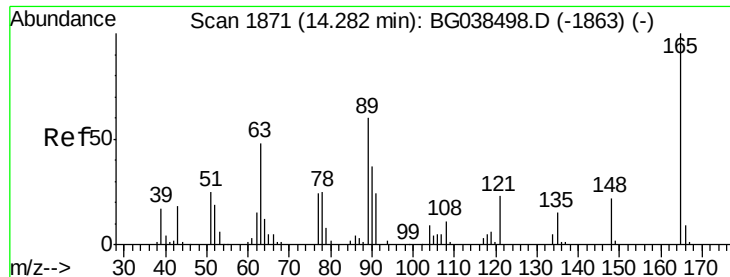
171 34.6 29.8 44.6

170 23.4 19.5 29.3



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

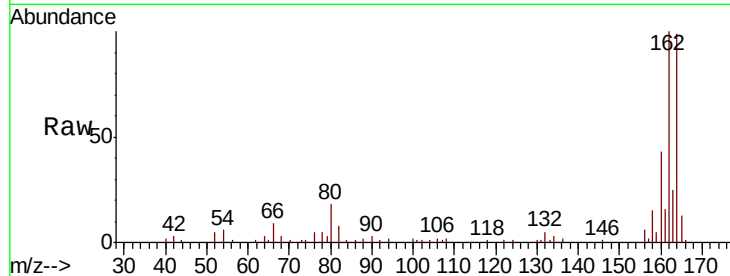




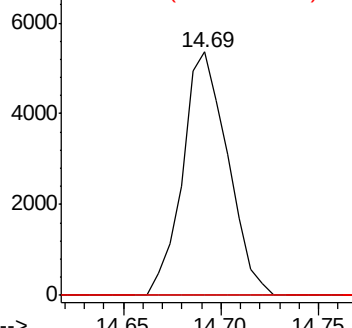
#51
 2,6-Dinitrotoluene
 Concen: 6.885 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038723.D
 Acq: 19 Dec 2018 11:07

Instrument :
 BNA_G
 ClientSampleId :

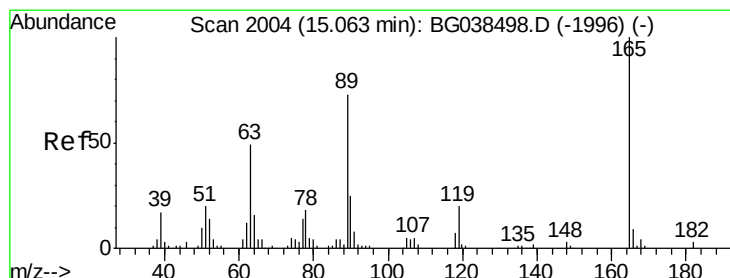
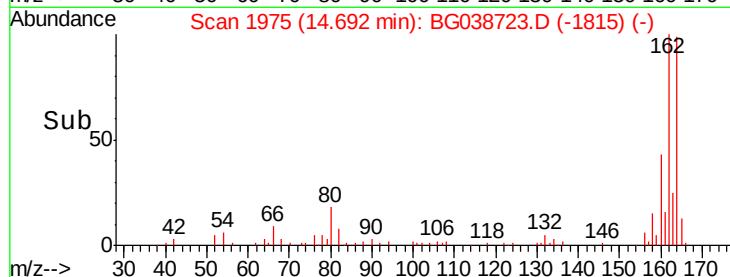
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

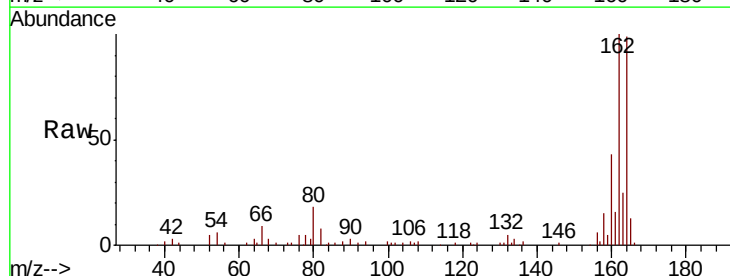


Time-->

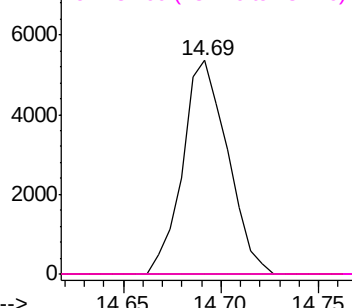


#57
 2,4-Dinitrotoluene
 Concen: 4.888 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038723.D
 Acq: 19 Dec 2018 11:07

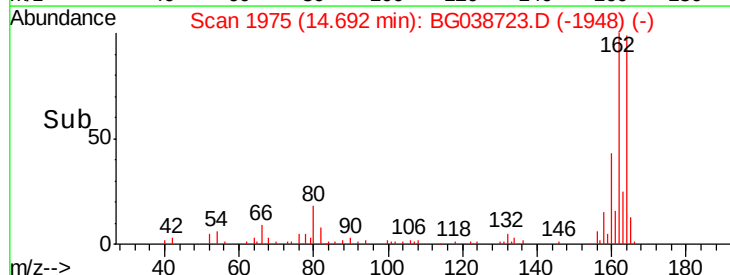
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

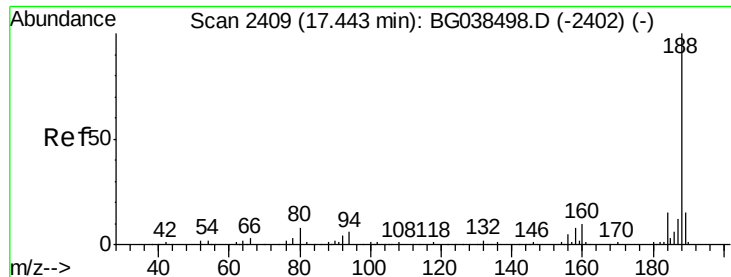


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E



Time-->

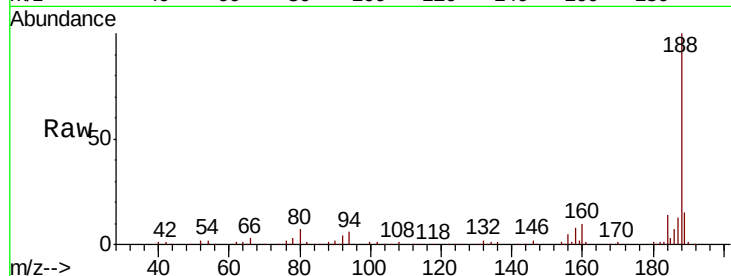




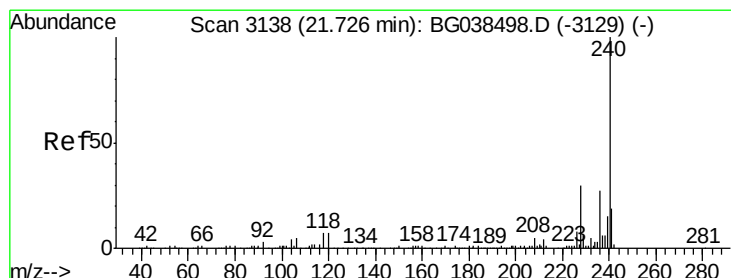
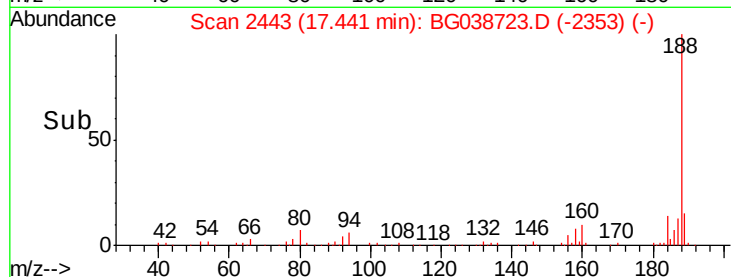
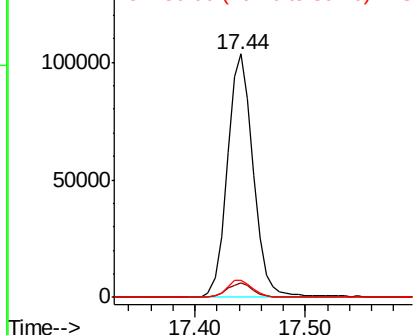
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 169752
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.1 6.1 9.1

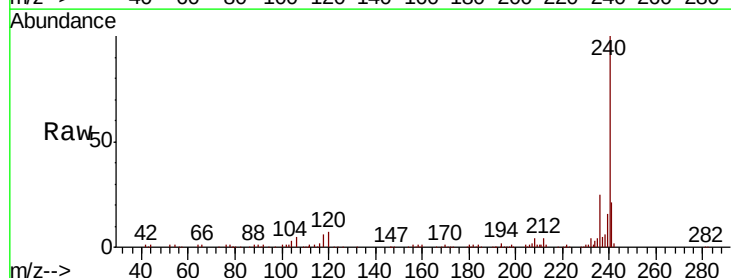


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

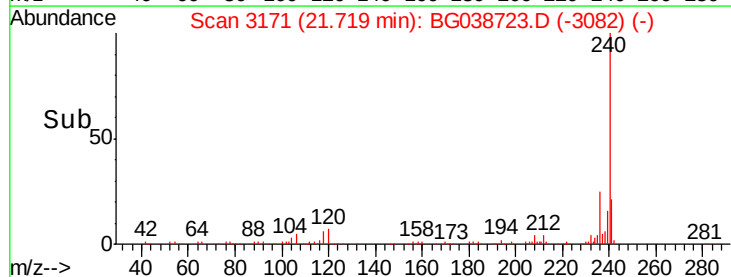
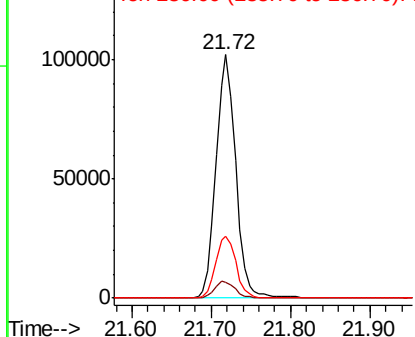


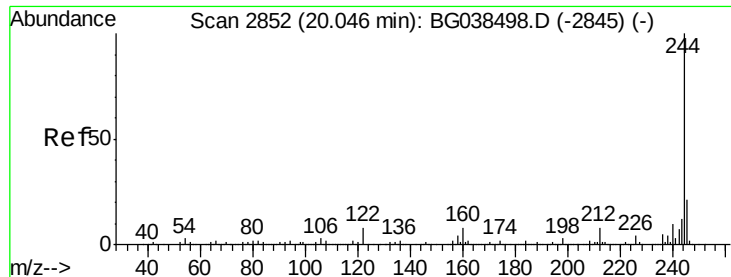
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038723.D
Acq: 19 Dec 2018 11:07

Tgt Ion:240 Resp: 175931
Ion Ratio Lower Upper
240 100
120 6.6 5.3 7.9
236 25.3 21.4 32.2



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: 8.313 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038723.D

Acq: 19 Dec 2018 11:07

Instrument :

BNA_G

ClientSampleId :

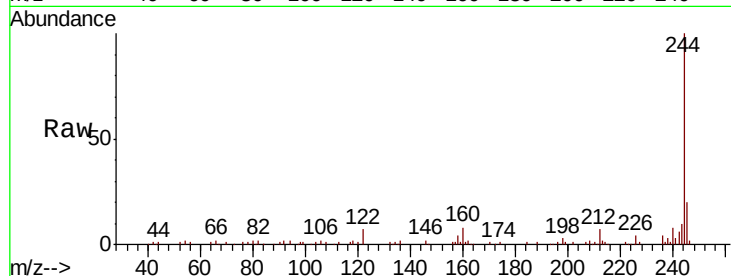
Tot Ion:244 Resp: 67201

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

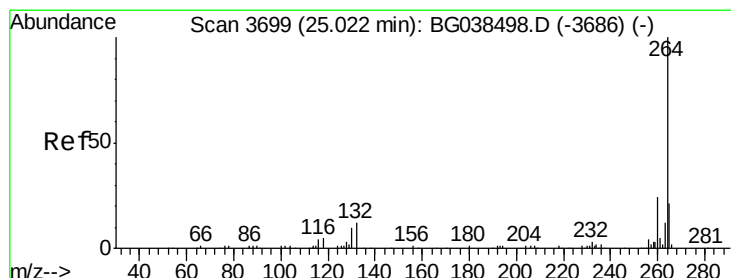
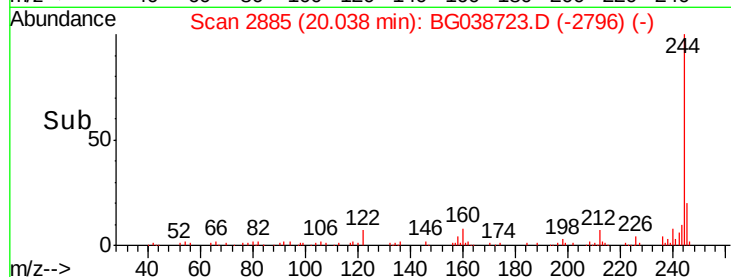
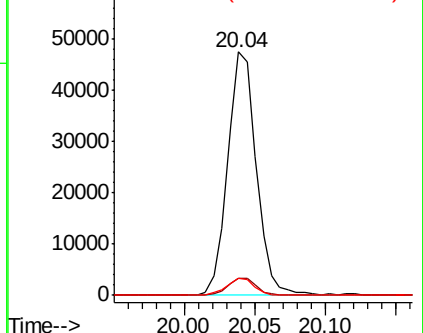
122 7.2 6.3 9.5



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: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038723.D

Acq: 19 Dec 2018 11:07

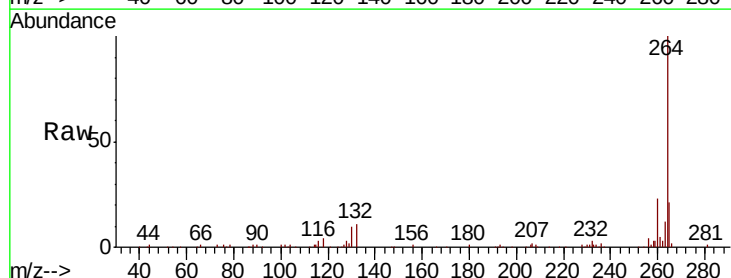
Tgt Ion:264 Resp: 181450

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 20.9 17.0 25.4



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

