

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
 Data File : BG037862.D
 Acq On : 7 Nov 2018 12:51
 Operator : JU/SJ
 Sample : J5820-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS043081

Quant Time: Nov 07 13:27:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

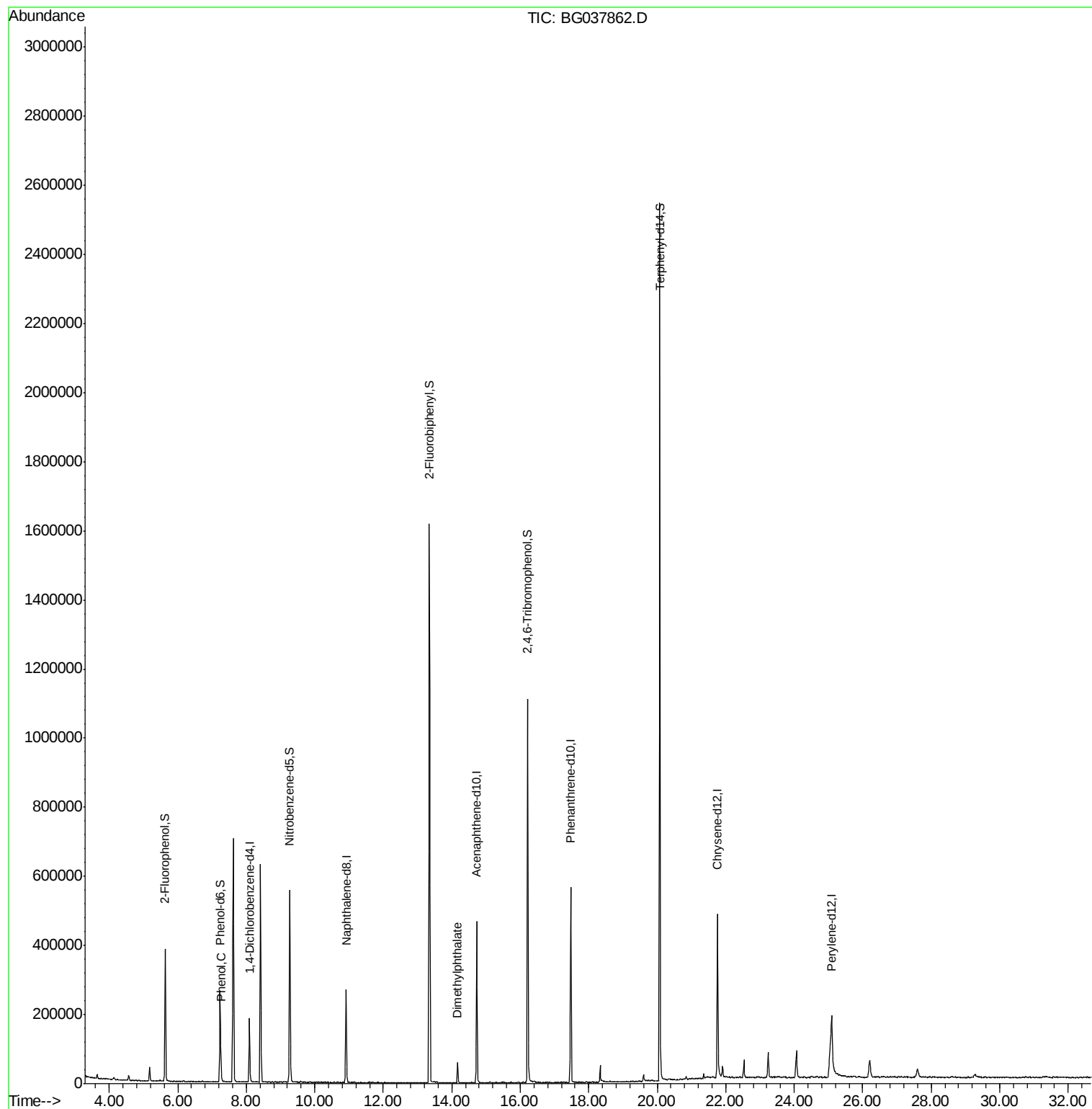
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54866	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	249116	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	167006	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	371538	20.00	ng	0.00
76) Chrysene-d12	21.76	240	327666	20.00	ng	-0.02
87) Perylene-d12	25.09	264	274404	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	186755	56.91	ng	-0.02
7) Phenol-d6	7.24	99	171866	34.63	ng	-0.02
23) Nitrobenzene-d5	9.27	82	358928	80.71	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	208187	114.29	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	886808	80.07	ng	-0.02
79) Terphenyl-d14	20.07	244	1225220	79.90	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	24521	4.683	ng	98
50) Dimethylphthalate	14.17	163	44061	3.410	ng	97

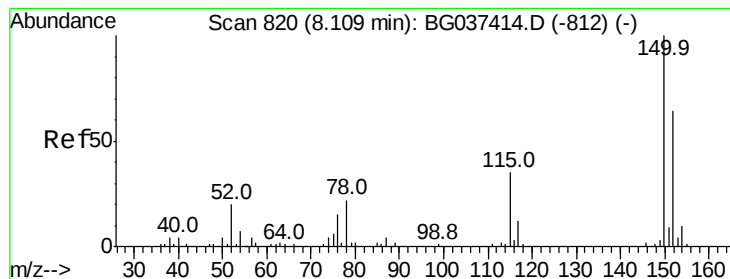
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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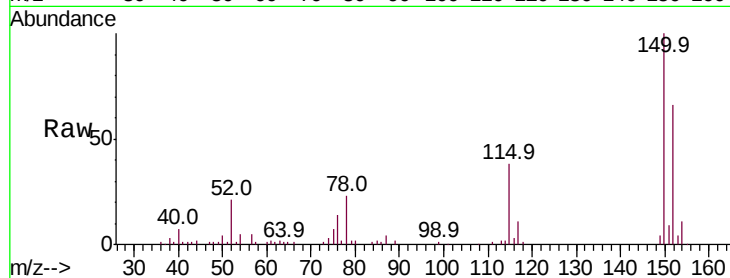


#1

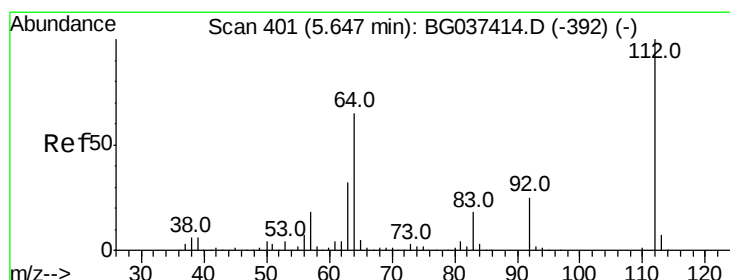
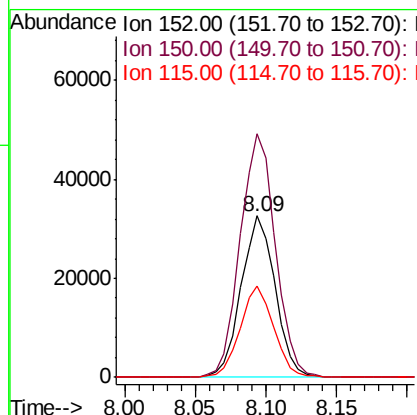
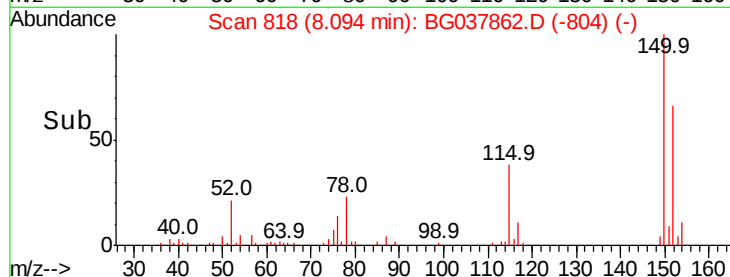
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037862.D
Acq: 7 Nov 2018 12:51

Instrument :
BNA_G
ClientSampleId :
CPS043081

Tot Ion:152 Resp: 54866
Ion Ratio Lower Upper
152 100
150 150.8 126.0 189.0
115 56.7 45.5 68.3



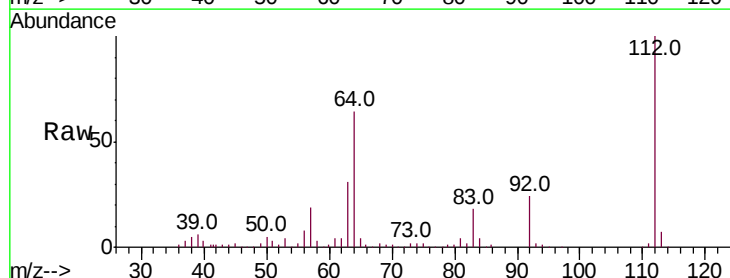
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



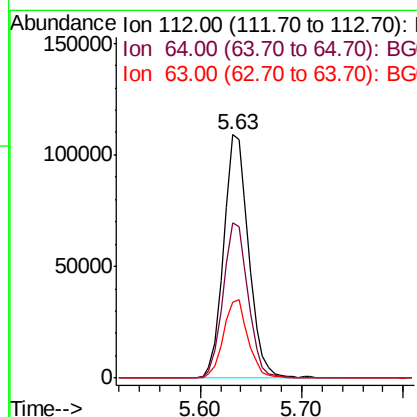
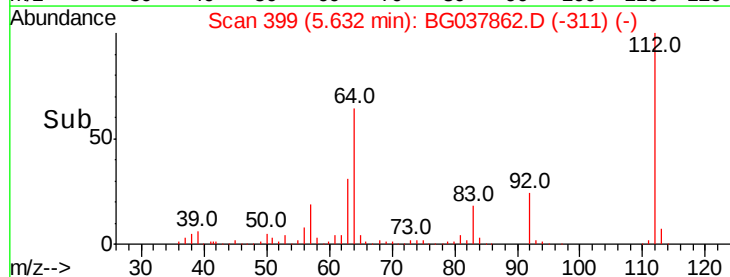
#5

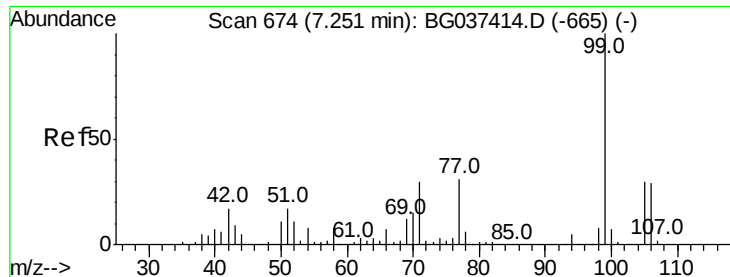
2-Fluorophenol
Concen: 56.907 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.02 min
Lab File: BG037862.D
Acq: 7 Nov 2018 12:51

Tgt Ion:112 Resp: 186755
Ion Ratio Lower Upper
112 100
64 63.5 53.1 79.7
63 31.4 27.3 40.9



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: 34.634 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037862.D

Acq: 7 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

CPS043081

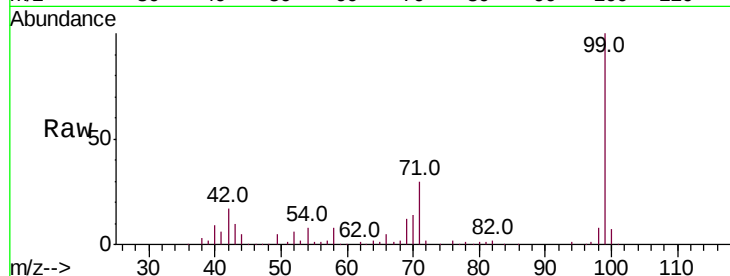
Tot Ion: 99 Resp: 171866

Ion Ratio Lower Upper

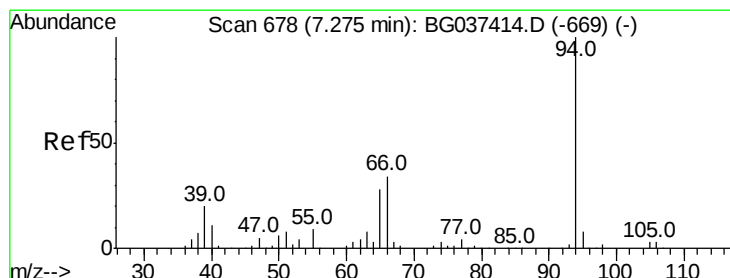
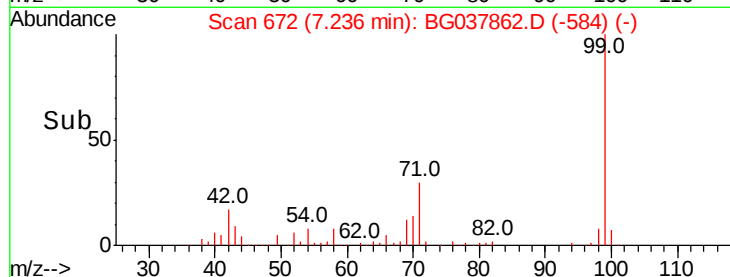
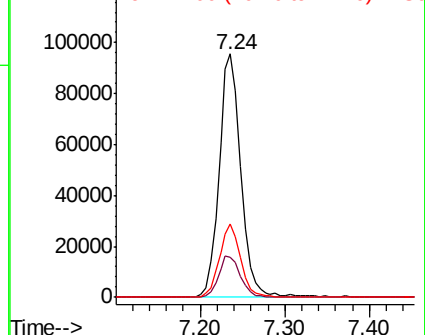
99 100

42 16.7 15.0 22.4

71 30.1 25.5 38.3



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: 4.683 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.02 min

Lab File: BG037862.D

Acq: 7 Nov 2018 12:51

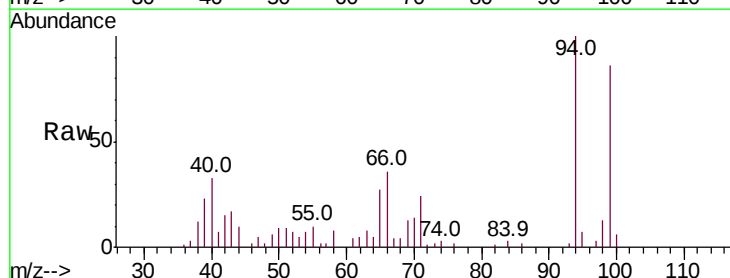
Tgt Ion: 94 Resp: 24521

Ion Ratio Lower Upper

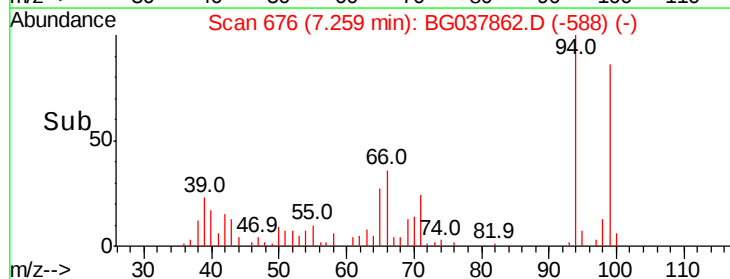
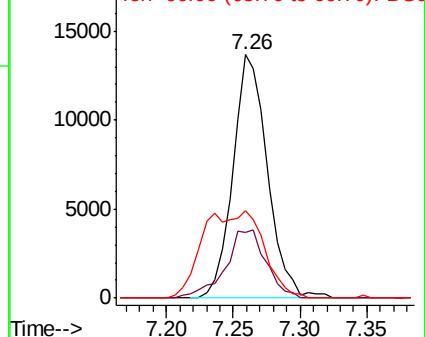
94 100

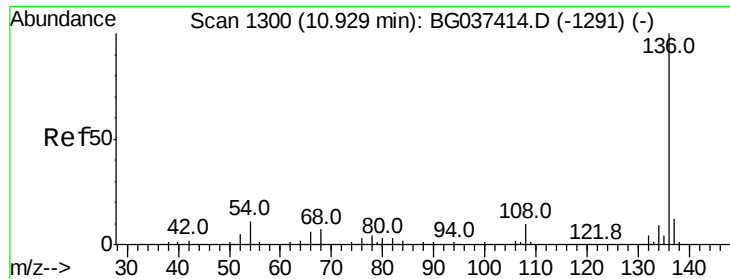
65 27.1 9.7 49.7

66 36.0 15.9 55.9



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

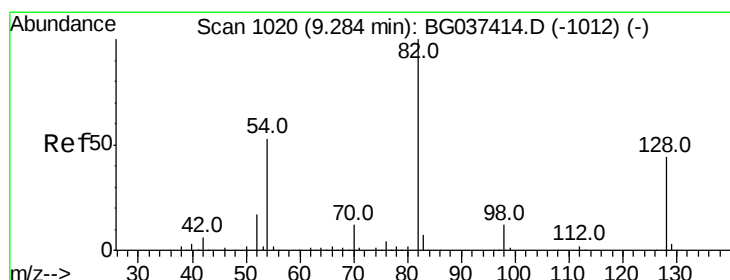
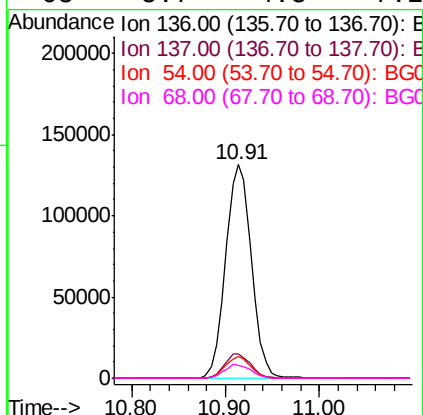
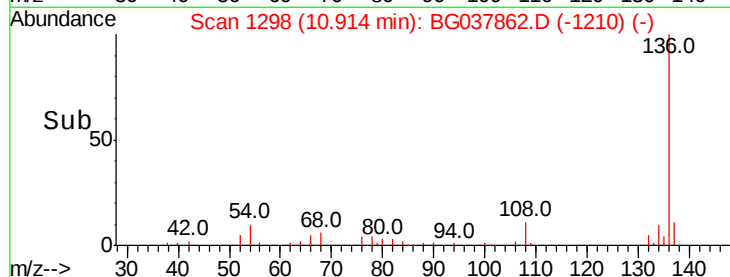
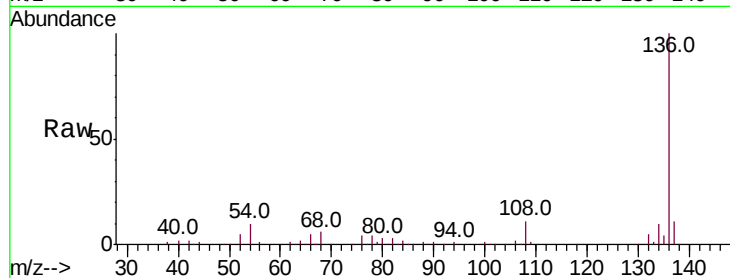




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037862.D
Acq: 7 Nov 2018 12:51

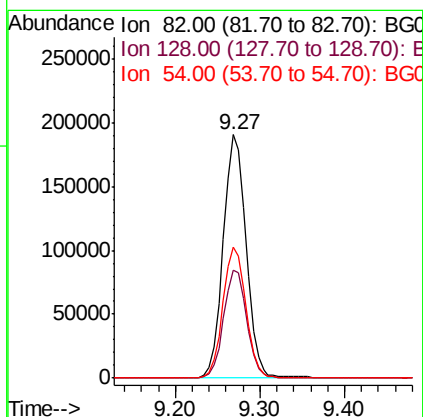
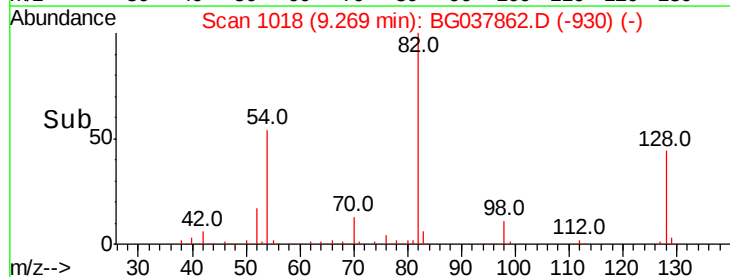
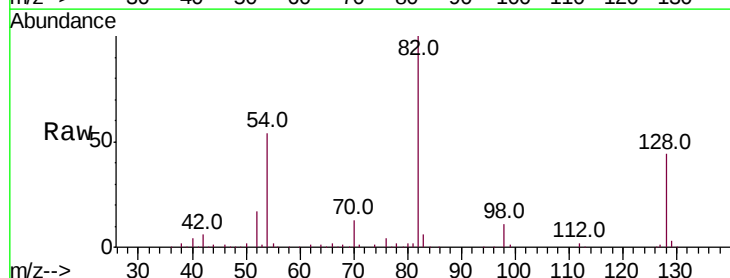
Instrument :
BNA_G
ClientSampleId :
CPS043081

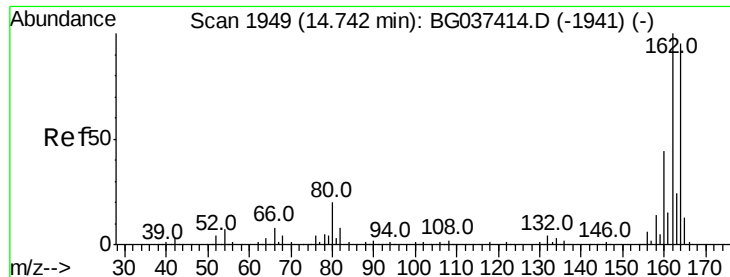
Tot Ion:	136	Resp:	249116
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.4	7.9	11.9
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 80.713 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037862.D
Acq: 7 Nov 2018 12:51

Tgt Ion:	82	Resp:	358928
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	54.0	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037862.D

Acq: 7 Nov 2018 12:51

Instrument :

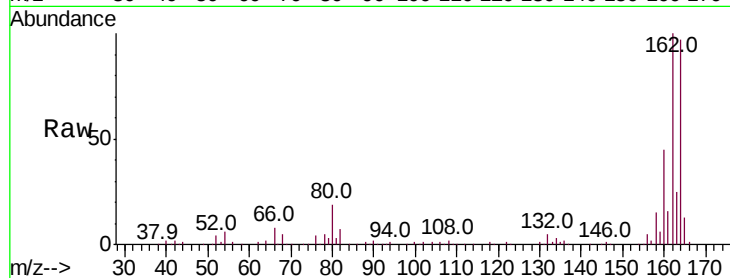
BNA_G

ClientSampleId :

CPS043081

Tot Ion:164 Resp: 167006

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	46.3	36.3	54.5

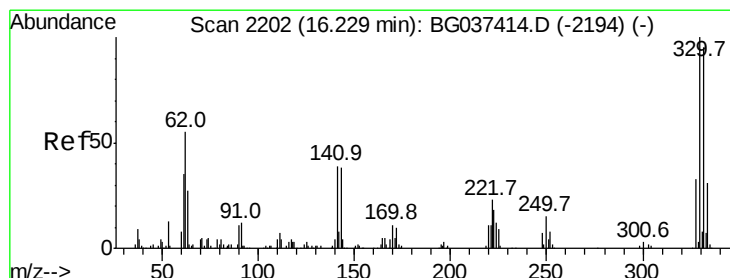
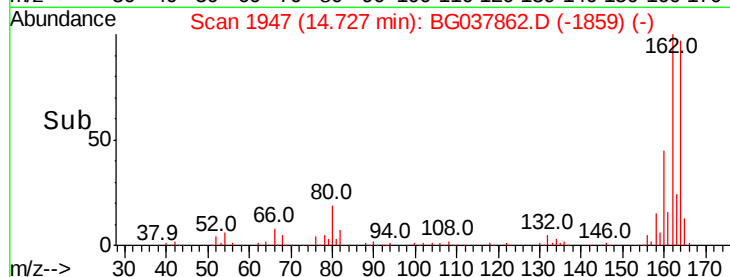
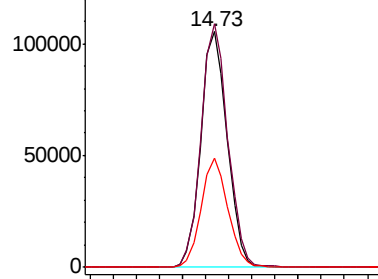


Abundance

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: 114.293 ng

RT: 16.21 min Scan# 2200

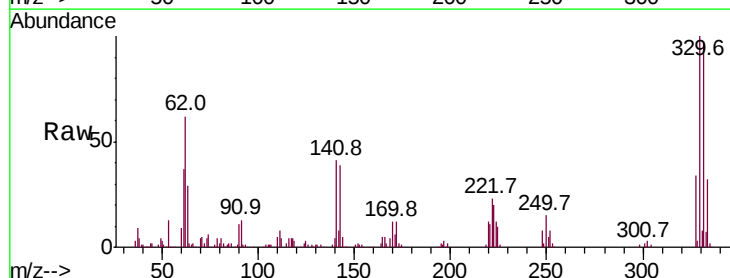
Delta R.T. -0.02 min

Lab File: BG037862.D

Acq: 7 Nov 2018 12:51

Tgt Ion:330 Resp: 208187

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.4	117.6
141	39.3	32.2	48.2

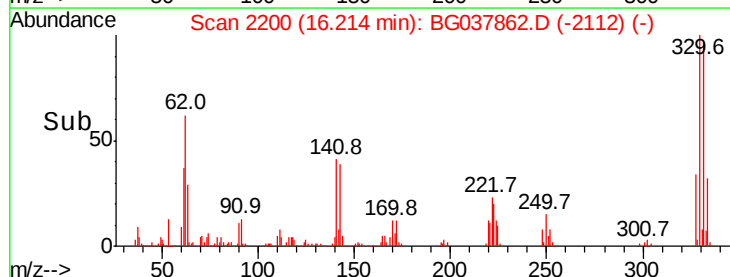
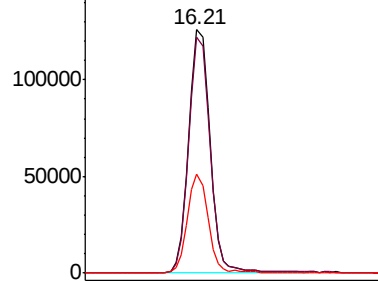


Abundance

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

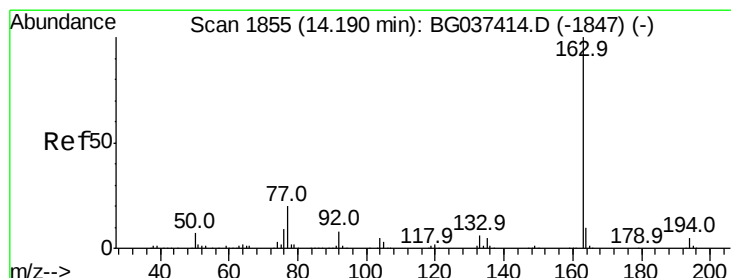
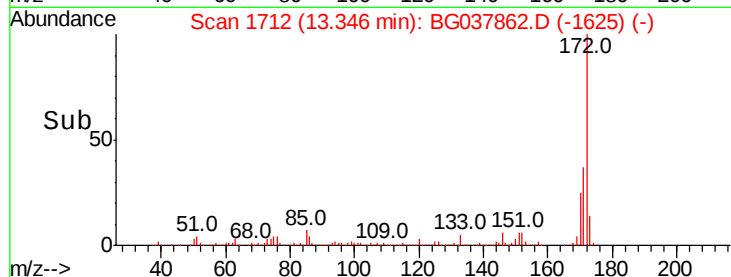
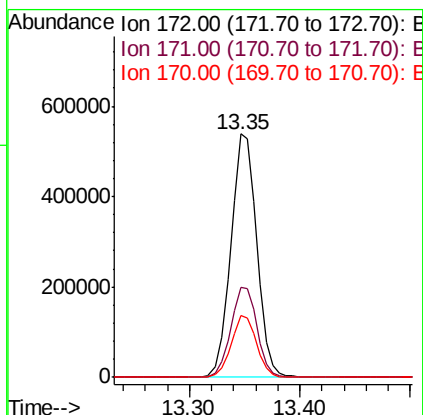
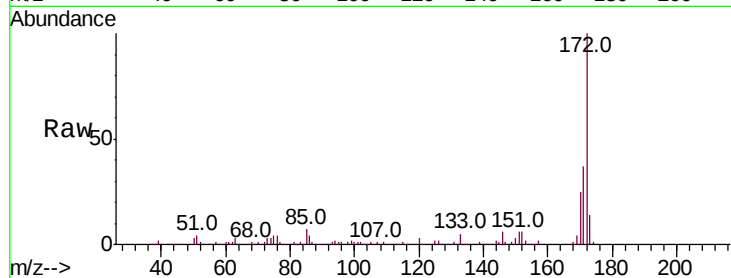




#45
2-Fluorobiphenyl
Concen: 80.072 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037862.D
Acq: 7 Nov 2018 12:51

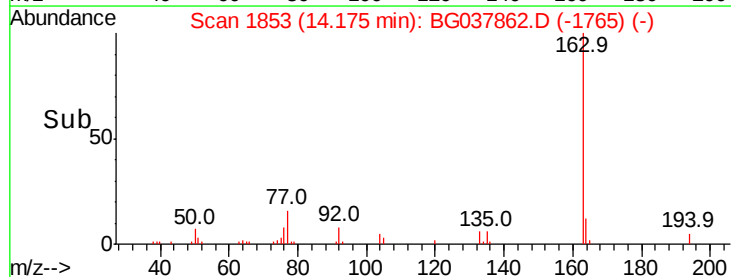
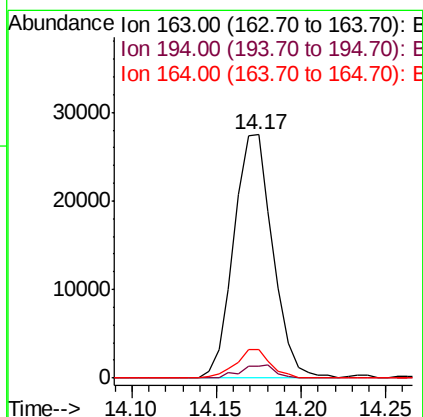
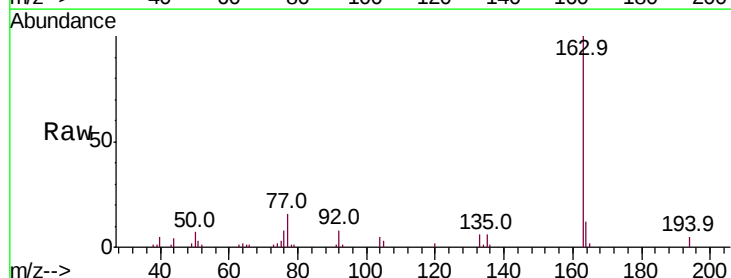
Instrument :
BNA_G
ClientSampleId :
CPS043081

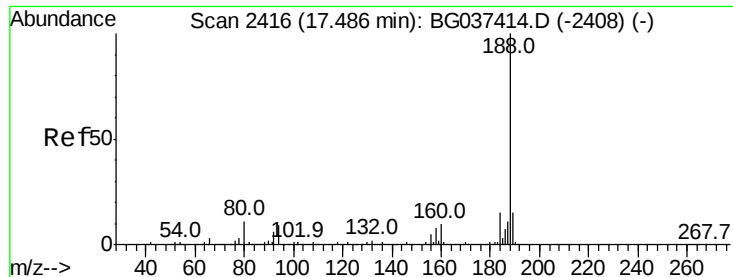
Tot Ion:172 Resp: 886808
Ion Ratio Lower Upper
172 100
171 37.2 31.0 46.4
170 25.3 20.2 30.2



#50
Dimethylphthalate
Concen: 3.410 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG037862.D
Acq: 7 Nov 2018 12:51

Tgt Ion:163 Resp: 44061
Ion Ratio Lower Upper
163 100
194 5.1 3.5 5.3
164 11.9 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037862.D

Acq: 7 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

CPS043081

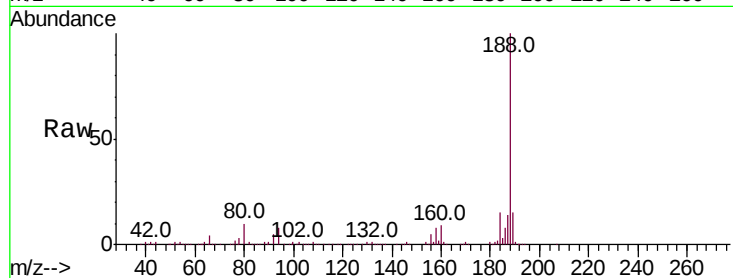
Tot Ion:188 Resp: 371538

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

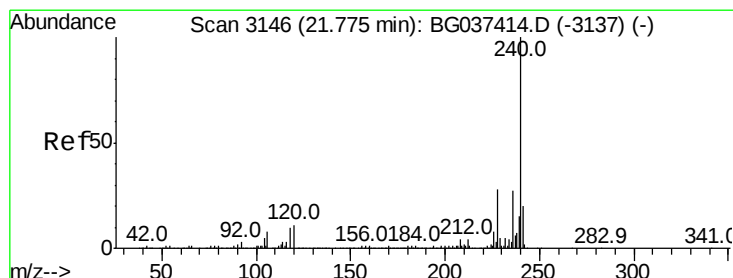
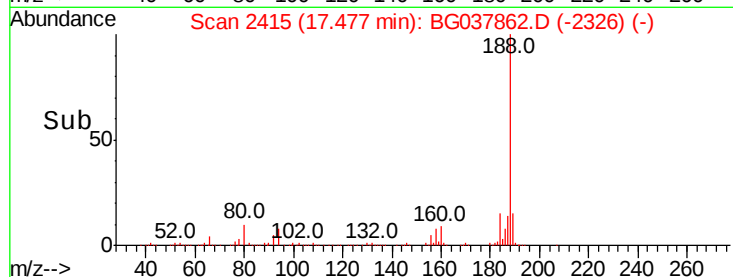
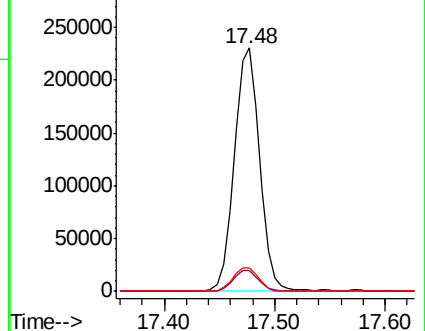
80 9.7 7.7 11.5



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: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG037862.D

Acq: 7 Nov 2018 12:51

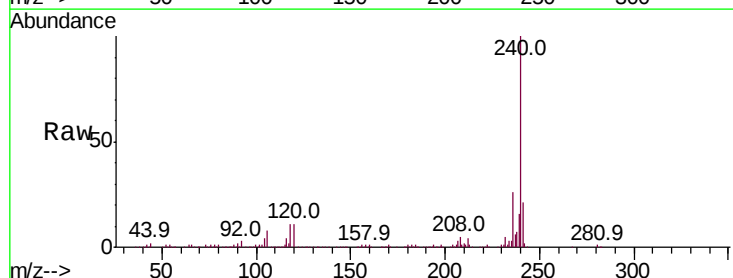
Tgt Ion:240 Resp: 327666

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

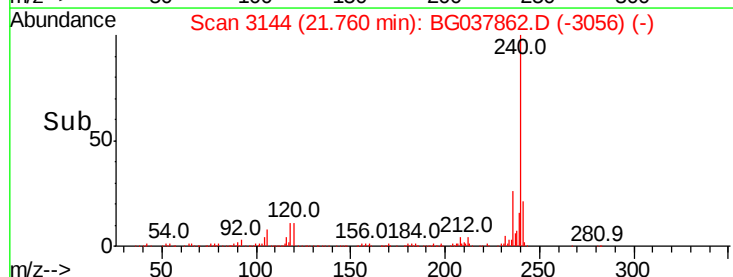
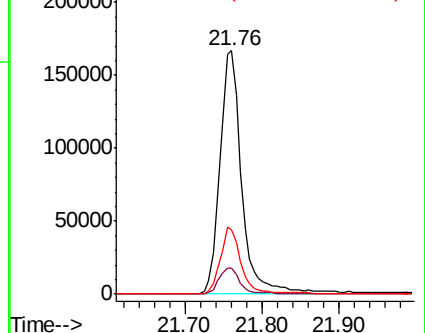
236 26.4 21.4 32.0

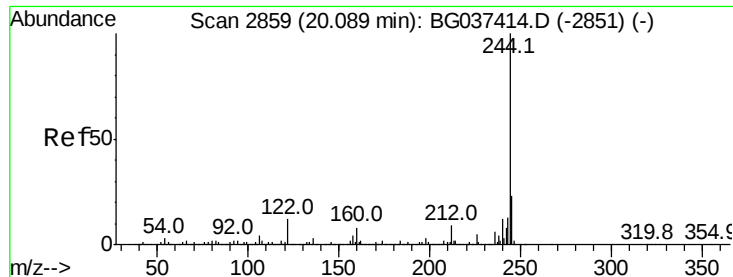


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.899 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037862.D

Acq: 7 Nov 2018 12:51

Instrument :

BNA_G

ClientSampleId :

CPS043081

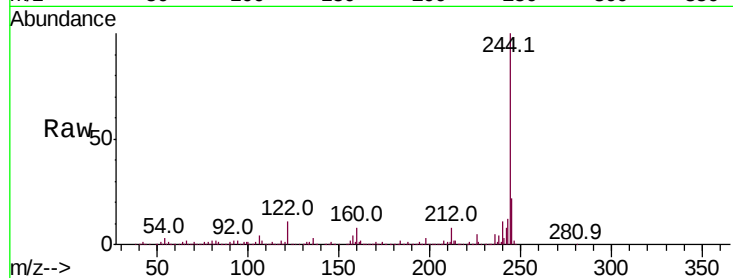
Tot Ion:244 Resp: 1225220

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

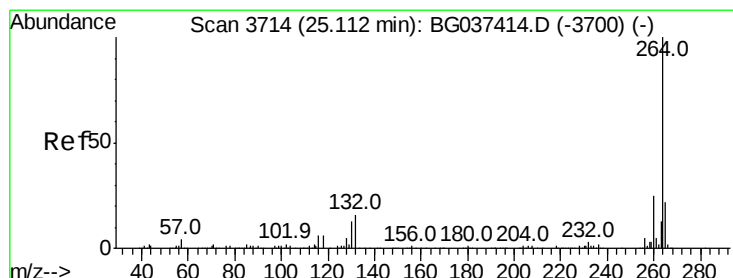
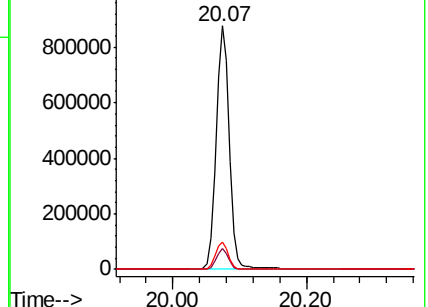
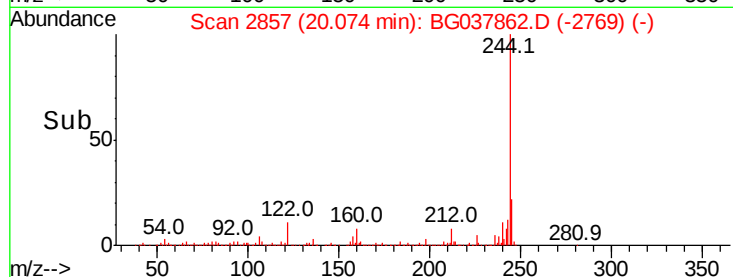
122 11.1 9.0 13.4



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: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037862.D

Acq: 7 Nov 2018 12:51

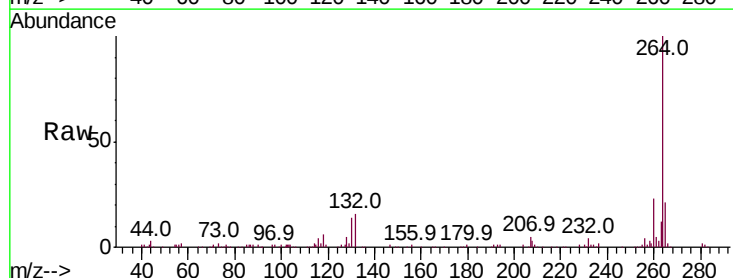
Tgt Ion:264 Resp: 274404

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.0 17.9 26.9



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

