

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041052.D
 Acq On : 4 Jun 2019 2:23
 Operator : HP/JU
 Sample : K2641-13 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-053119-A

Quant Time: Jun 04 10:08:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

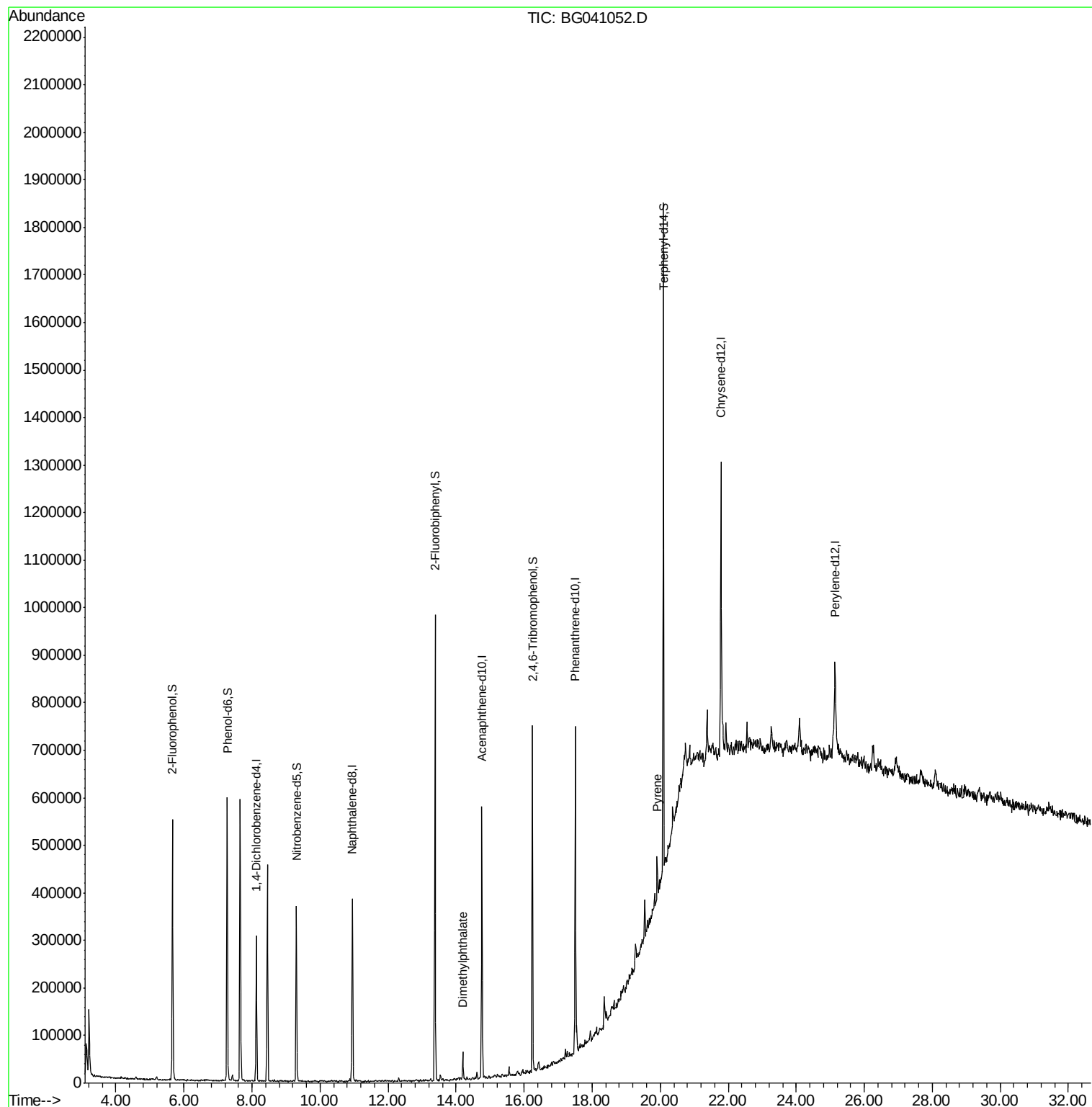
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	78557	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	307286	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	195116	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	425268	20.00	ng	0.00
76) Chrysene-d12	21.78	240	422787	20.00	ng	0.00
87) Perylene-d12	25.14	264	294145	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	223533	51.31	ng	0.00
7) Phenol-d6	7.27	99	324225	48.19	ng	0.00
23) Nitrobenzene-d5	9.30	82	223035	32.22	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	137752	47.56	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	497847	36.74	ng	0.00
79) Terphenyl-d14	20.10	244	659287	33.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.20	163	36224	2.193	ng	Qvalue # 97
78) Pyrene	19.91	202	55709	2.027	ng	98

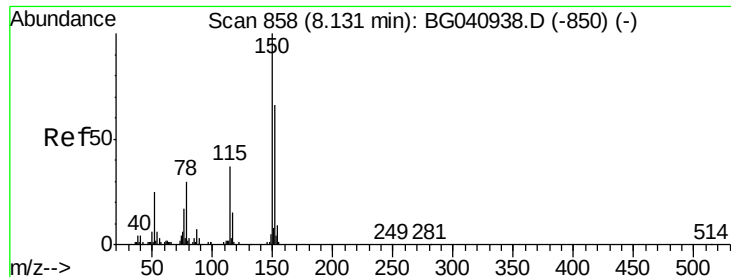
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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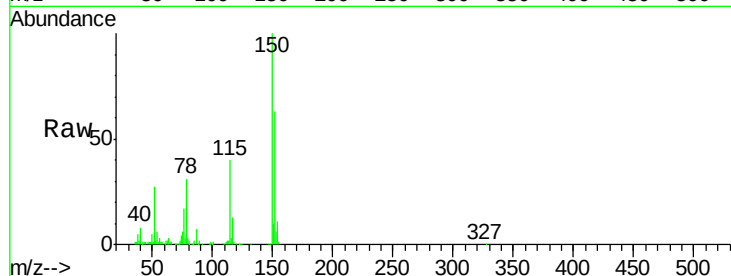


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Instrument :
BNA_G
ClientSampleId :
CL-02-053119-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	120.6	180.8
115	62.5	45.1	67.7

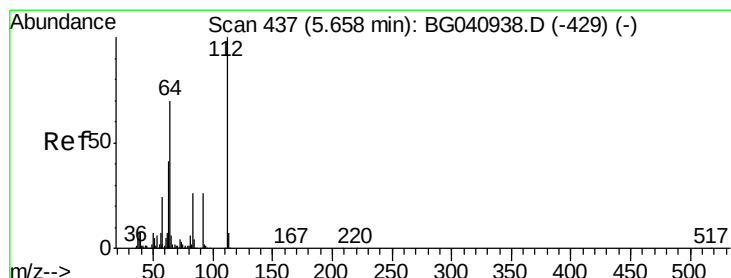
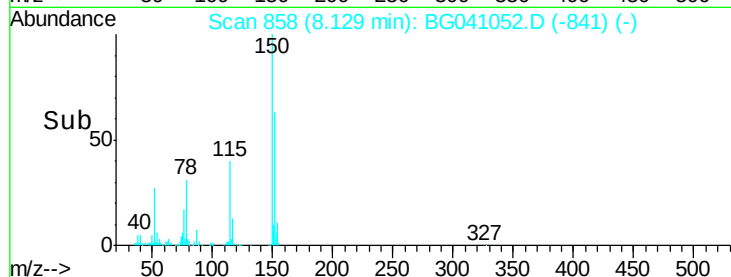
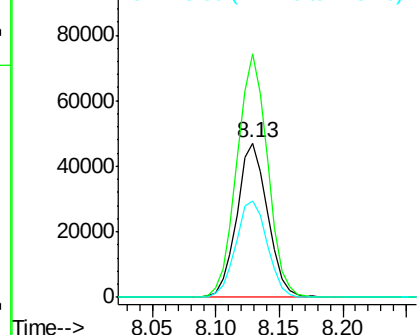


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

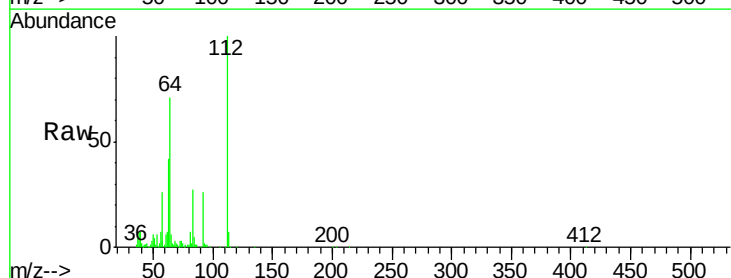
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.310 ng
RT: 5.66 min Scan# 438
Delta R.T. 0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.2	84.2
63	41.8	32.8	49.2

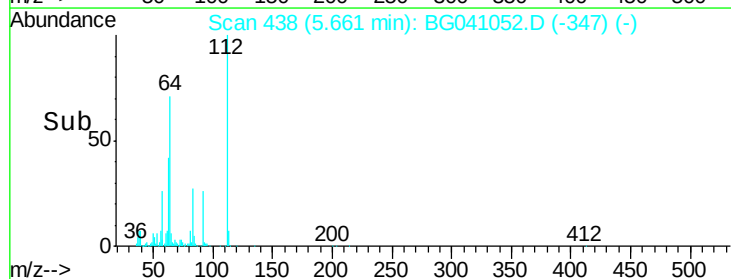
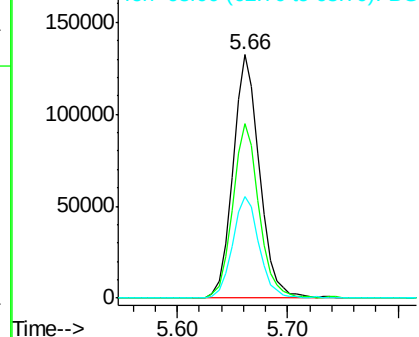


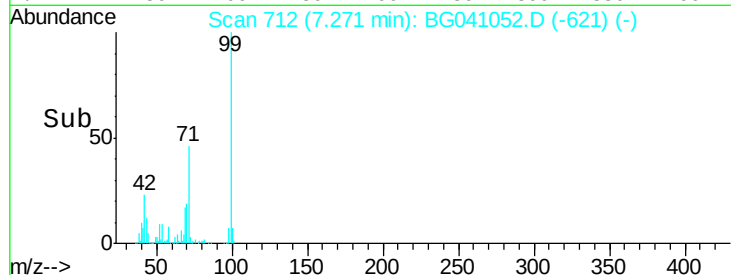
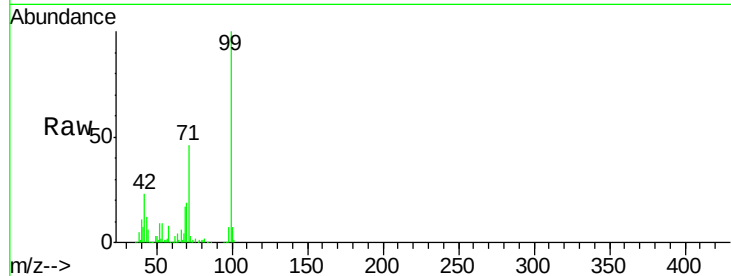
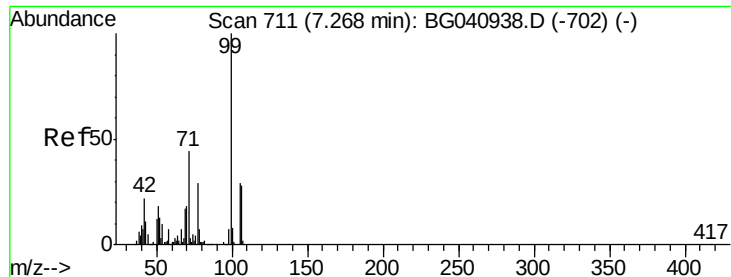
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.189 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG041052.D

Acq: 4 Jun 2019 2:23

Instrument :

BNA_G

ClientSampleId :

CL-02-053119-A

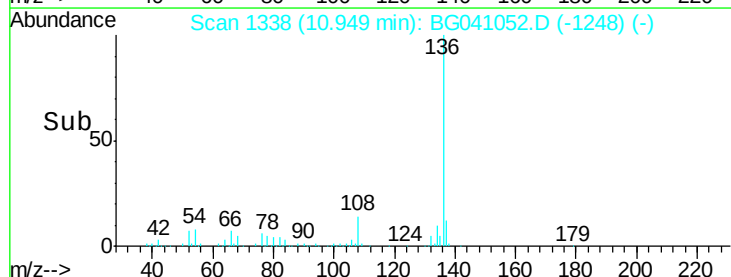
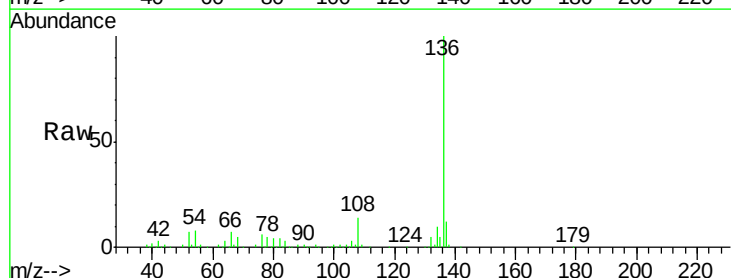
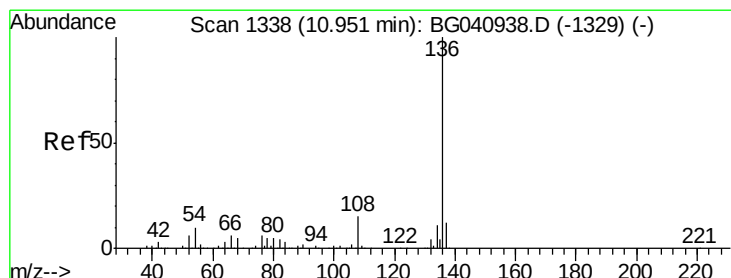
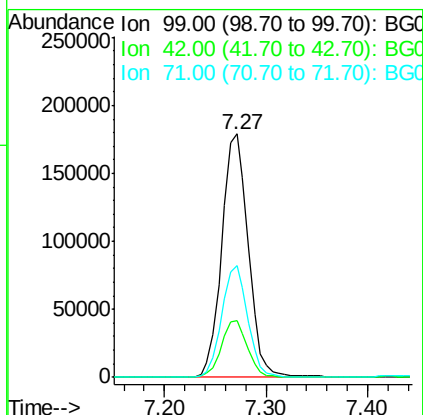
Tot Ion: 99 Resp: 324225

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

71 46.2 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG041052.D

Acq: 4 Jun 2019 2:23

Tgt Ion: 136 Resp: 307286

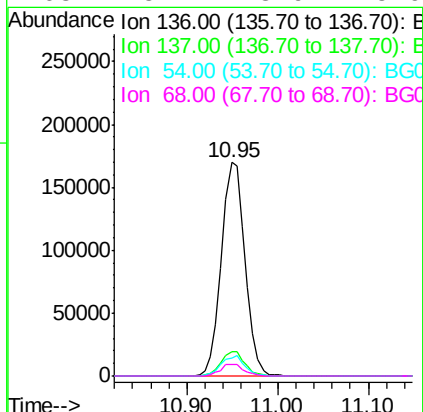
Ion Ratio Lower Upper

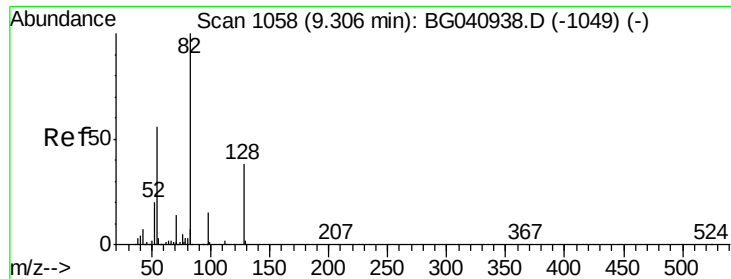
136 100

137 11.6 9.5 14.3

54 8.2 7.6 11.4

68 5.4 3.9 5.9

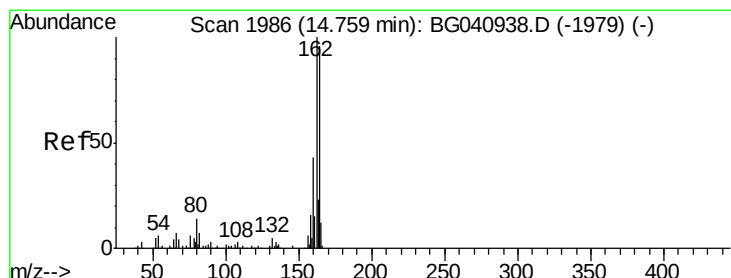
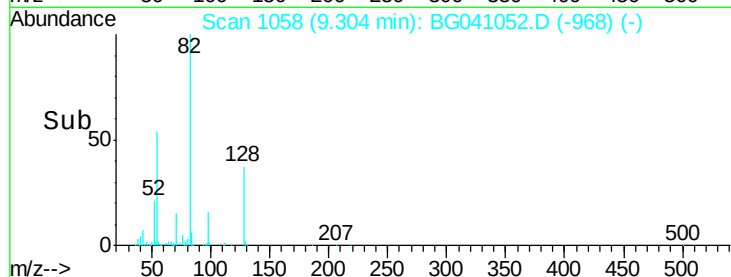
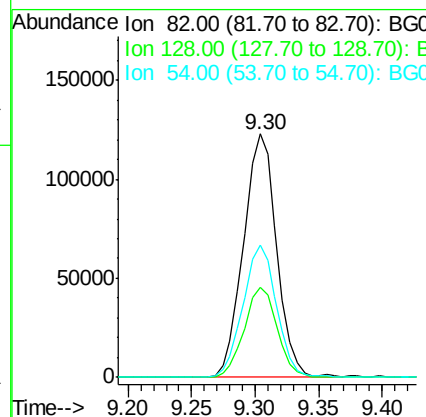
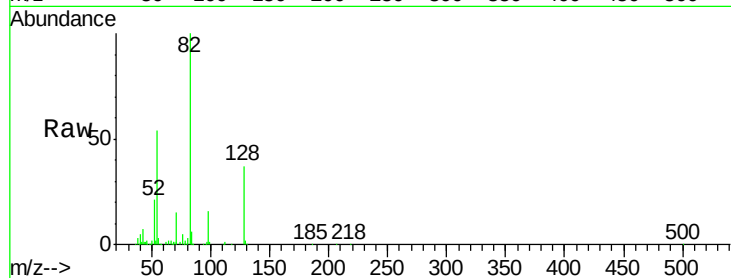




#23
 Nitrobenzene-d5
 Concen: 32.222 ng
 RT: 9.30 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BG041052.D
 Acq: 4 Jun 2019 2:23

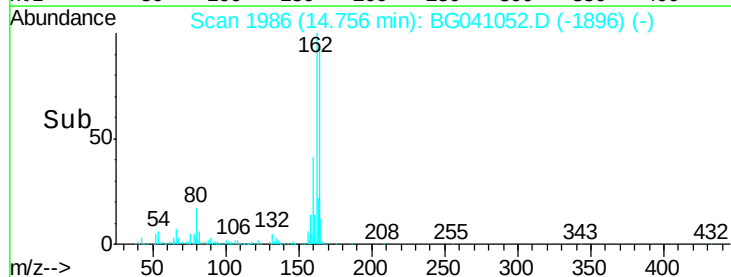
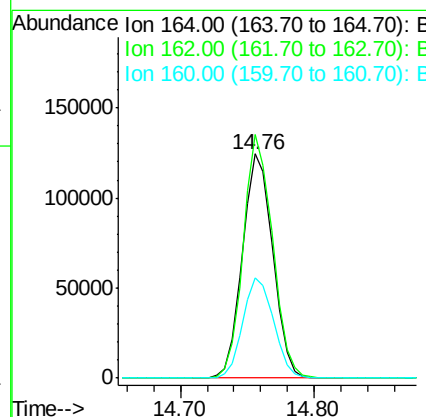
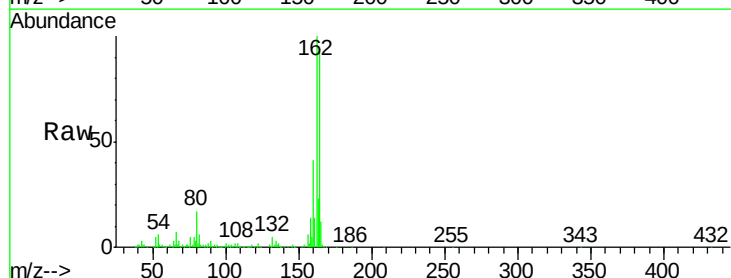
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-053119-A

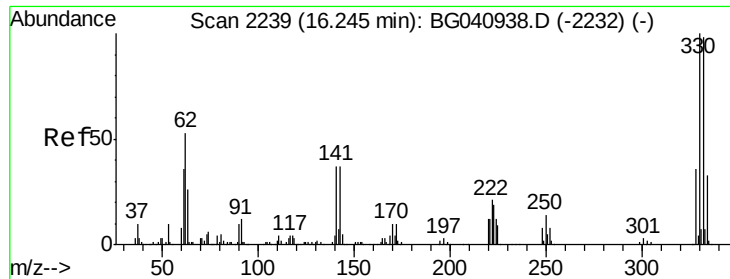
Tot Ion	82	Resp	223035
Ion Ratio	Lower	Upper	
82	100		
128	37.0	30.5	45.7
54	54.2	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG041052.D
 Acq: 4 Jun 2019 2:23

Tgt Ion	164	Resp	195116
Ion Ratio	Lower	Upper	
164	100		
162	108.7	83.0	124.4
160	44.9	35.6	53.4

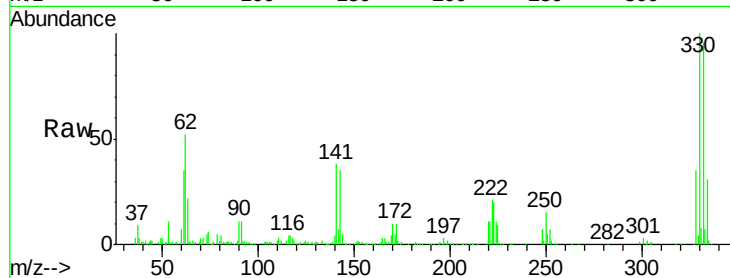




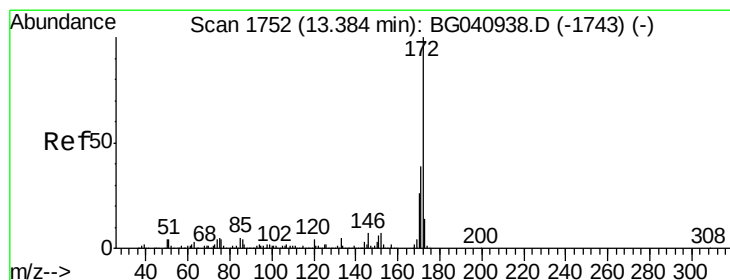
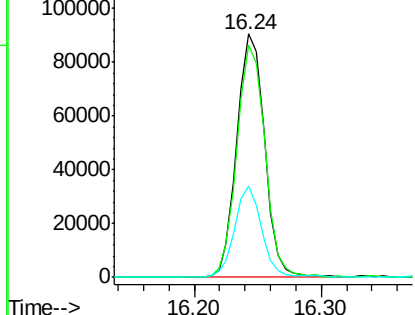
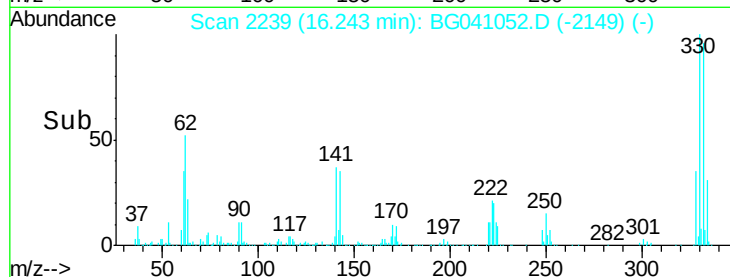
#42
 2,4,6-Tribromophenol
 Concen: 47.556 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: BG041052.D
 Acq: 4 Jun 2019 2:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-053119-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.5	117.7
141	36.9	28.7	43.1

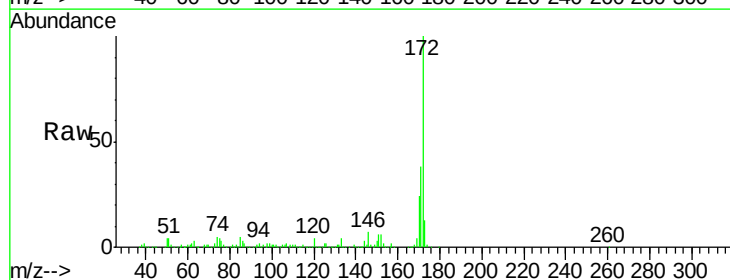


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

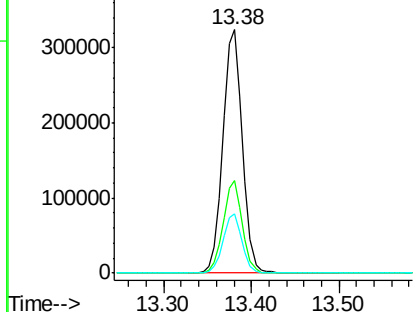
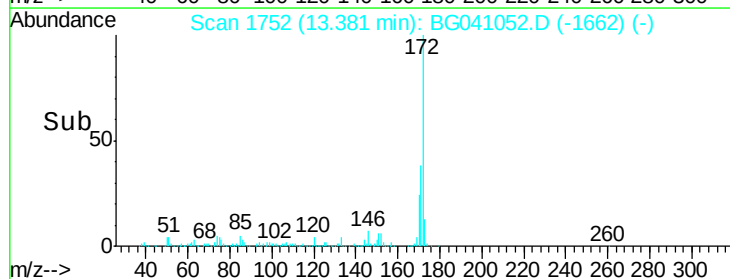


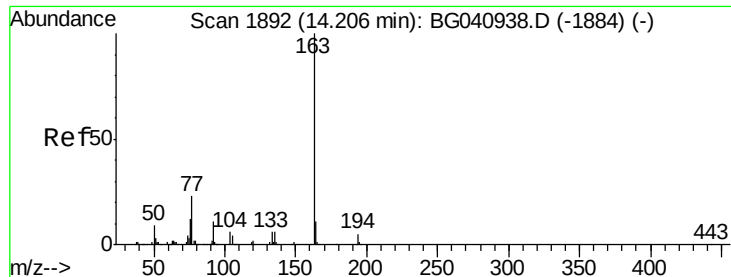
#45
 2-Fluorobiphenyl
 Concen: 36.745 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG041052.D
 Acq: 4 Jun 2019 2:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	24.1	20.5	30.7



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: 2.193 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG041052.D

Acq: 4 Jun 2019 2:23

Instrument :

BNA_G

ClientSampleId :

CL-02-053119-A

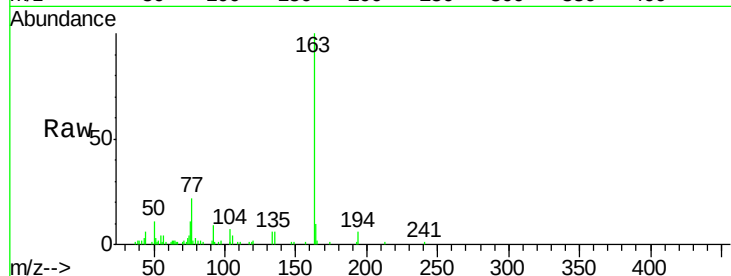
Tot Ion:163 Resp: 36224

Ion Ratio Lower Upper

163 100

194 6.1 3.8 5.8#

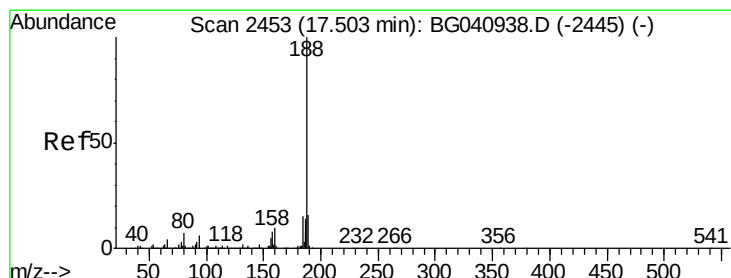
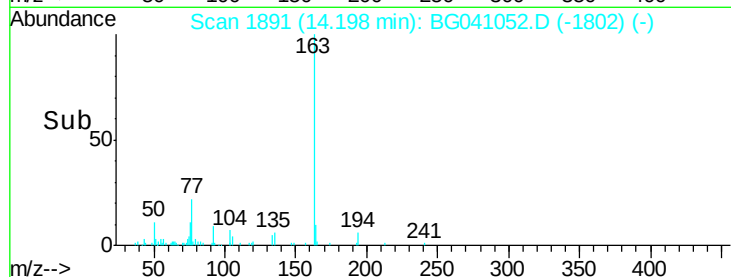
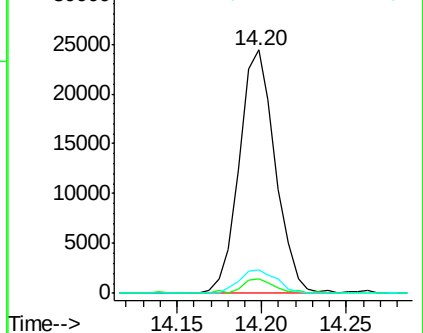
164 9.8 8.7 13.1



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: 17.51 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG041052.D

Acq: 4 Jun 2019 2:23

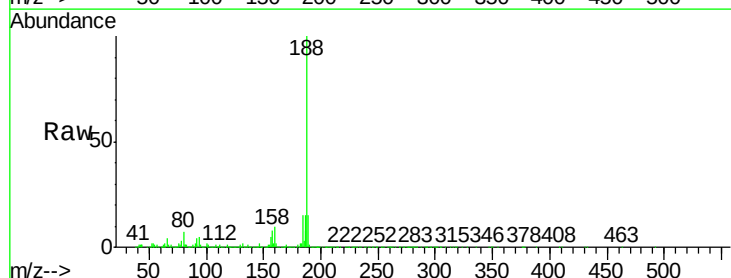
Tgt Ion:188 Resp: 425268

Ion Ratio Lower Upper

188 100

94 5.2 4.7 7.1

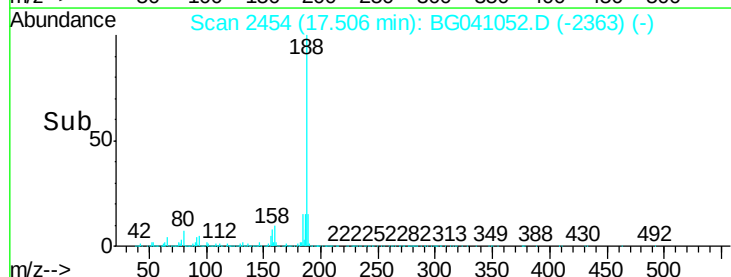
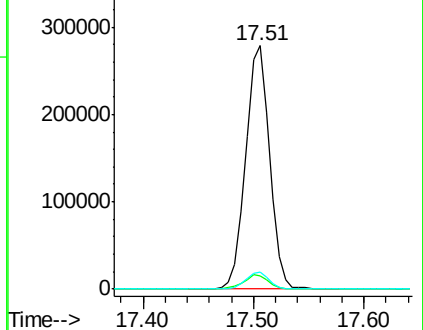
80 6.9 5.8 8.8

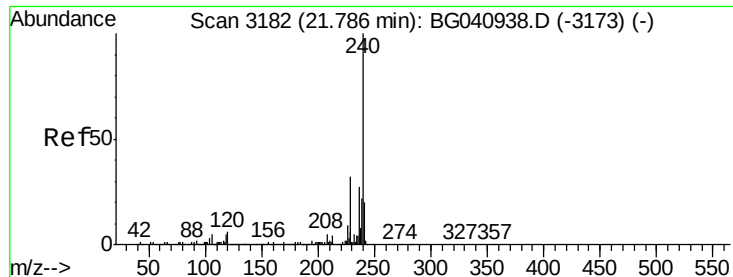


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

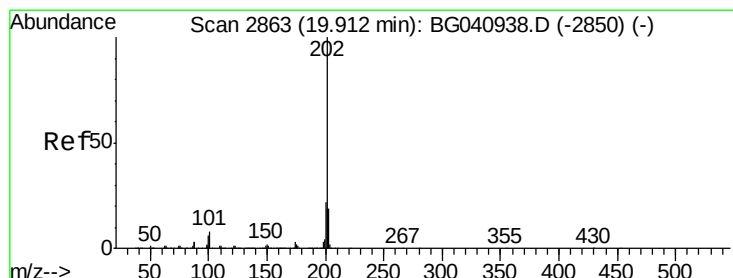
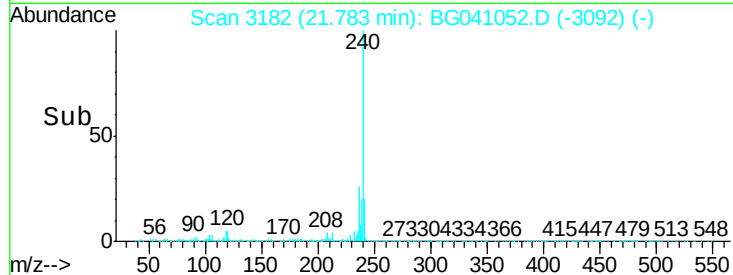
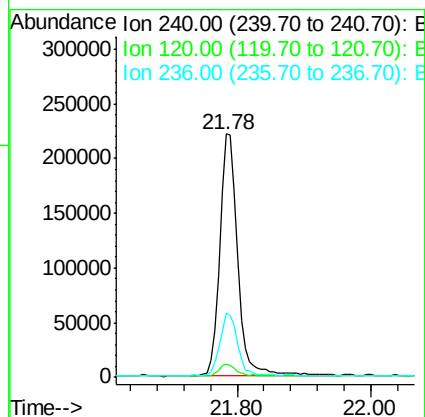
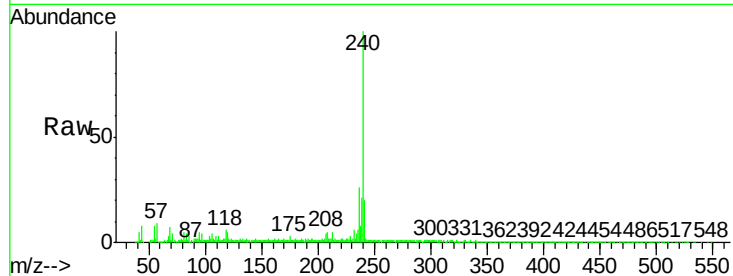




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

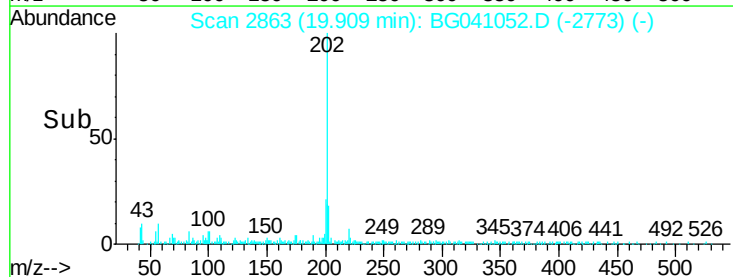
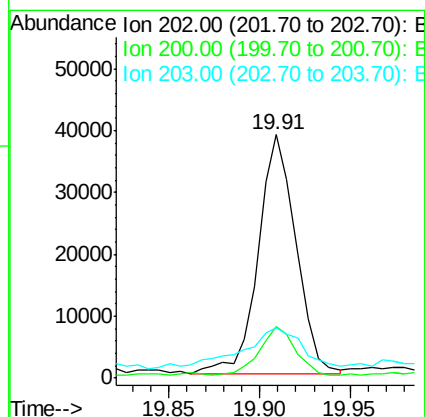
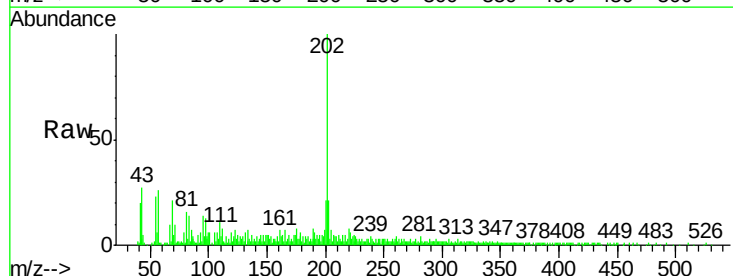
Instrument :
BNA_G
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CL-02-053119-A

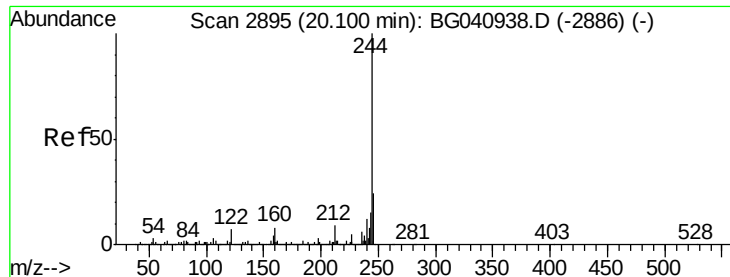
Tot Ion:240 Resp: 422787
Ion Ratio Lower Upper
240 100
120 5.5 4.5 6.7
236 26.4 21.3 31.9



#78
Pyrene
Concen: 2.027 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BG041052.D
Acq: 4 Jun 2019 2:23

Tgt Ion:202 Resp: 55709
Ion Ratio Lower Upper
202 100
200 21.5 17.5 26.3
203 20.8 15.6 23.4





#79

Terphenyl-d14

Concen: 33.095 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.00 min

Lab File: BG041052.D

Acq: 4 Jun 2019 2:23

Instrument :

BNA_G

ClientSampleId :

CL-02-053119-A

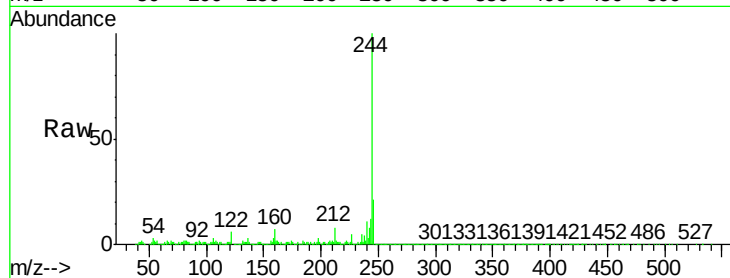
Tot Ion:244 Resp: 659287

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

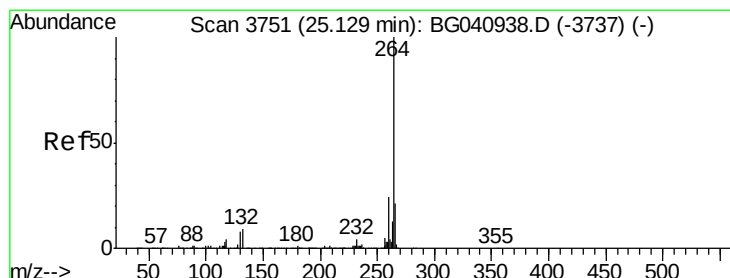
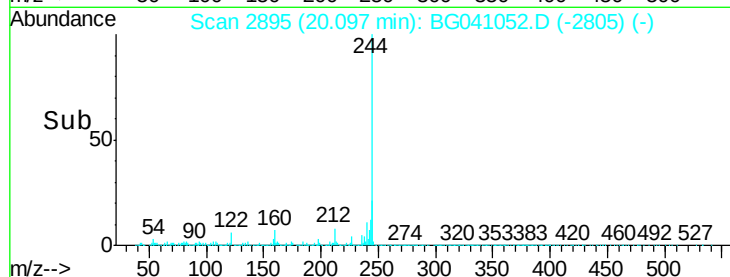
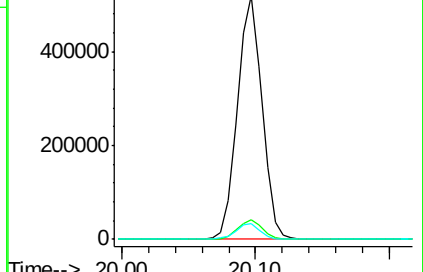
122 6.3 5.4 8.0



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: 25.14 min Scan# 3754

Delta R.T. 0.02 min

Lab File: BG041052.D

Acq: 4 Jun 2019 2:23

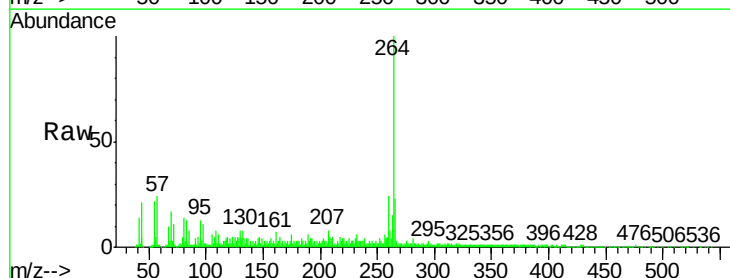
Tgt Ion:264 Resp: 294145

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 22.6 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

