

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022989.D
 Acq On : 10 Jul 2016 7:29
 Operator : UM/SJ
 Sample : H3935-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C3-7

Quant Time: Jul 11 02:35:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

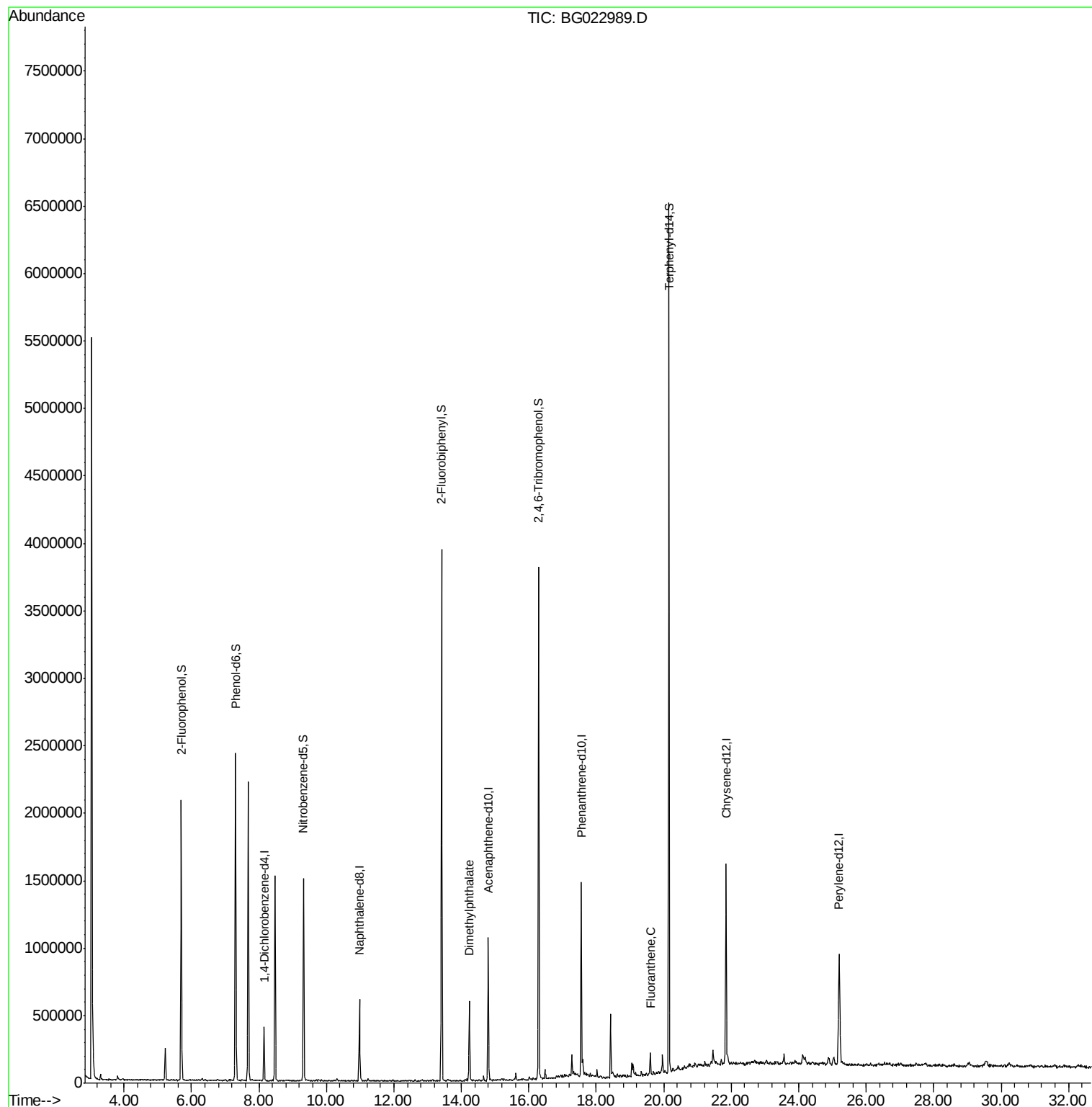
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	104274	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	479963	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	374951	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	837061	20.00	ng	0.00
75) Chrysene-d12	21.85	240	919908	20.00	ng	0.00
86) Perylene-d12	25.20	264	948828	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	832204	130.53	ng	0.00
7) Phenol-d6	7.31	99	1345577	134.75	ng	0.00
23) Nitrobenzene-d5	9.32	82	978653	87.31	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	702027	104.18	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1908608	80.18	ng	0.00
78) Terphenyl-d14	20.16	244	2442123	83.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.23	163	368541	12.03	ng	Qvalue 100
74) Fluoranthene	19.60	202	102039	2.03	ng	91

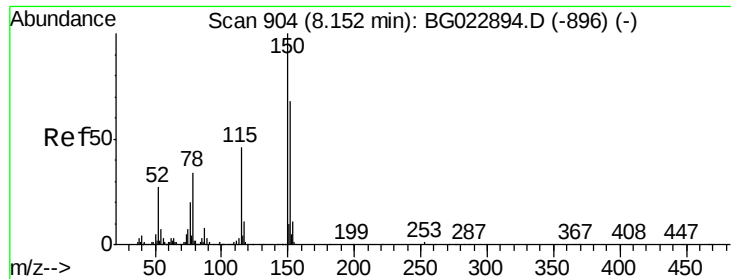
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

Instrument :

BNA_G

ClientSampleId :

C3-7

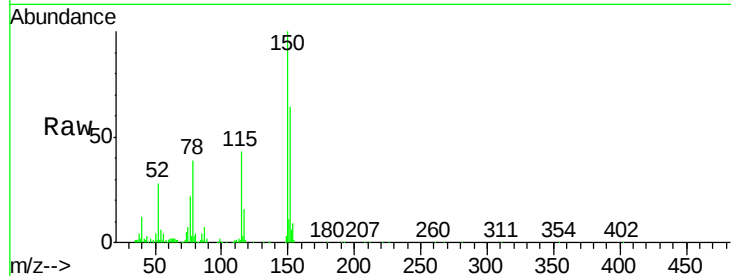
Tgt Ion:152 Resp: 104274

Ion Ratio Lower Upper

152 100

150 157.4 144.7 217.1

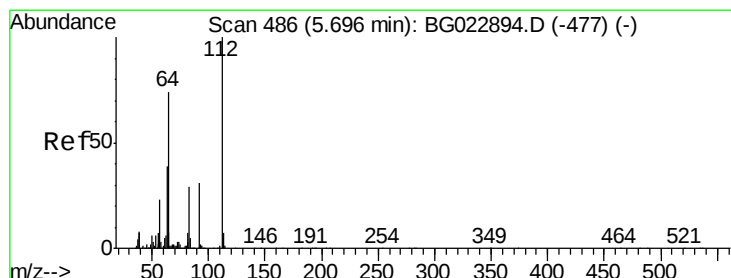
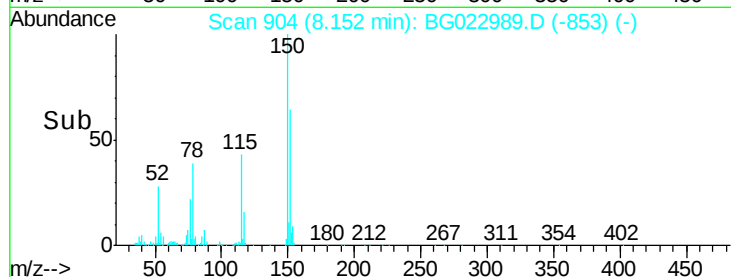
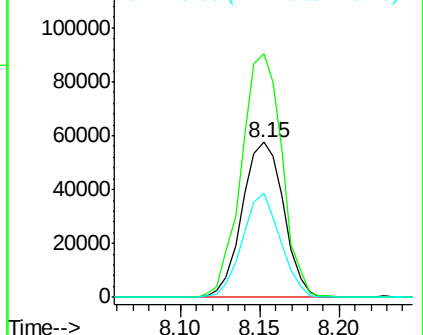
115 67.0 64.0 96.0



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



#5

2-Fluorophenol

Concen: 130.53 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

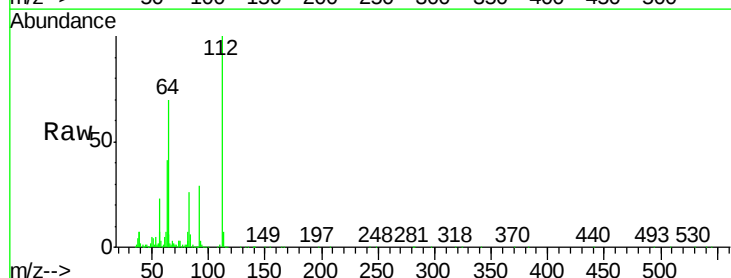
Tgt Ion:112 Resp: 832204

Ion Ratio Lower Upper

112 100

64 69.6 59.0 88.4

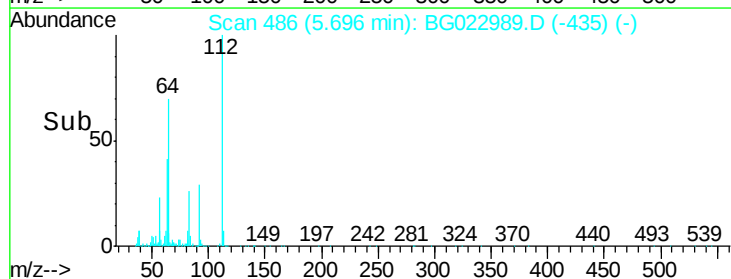
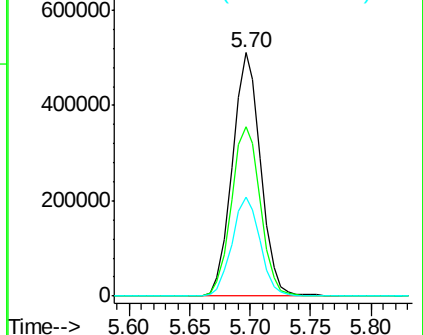
63 40.7 37.8 56.8

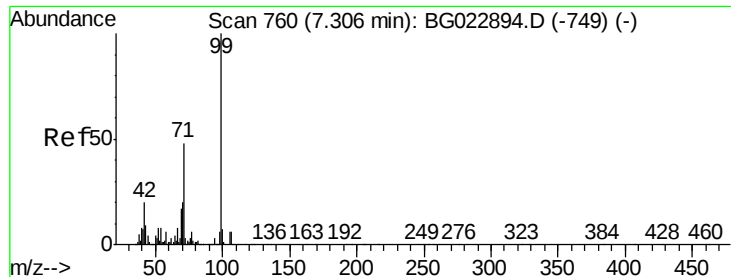


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.75 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

Instrument :

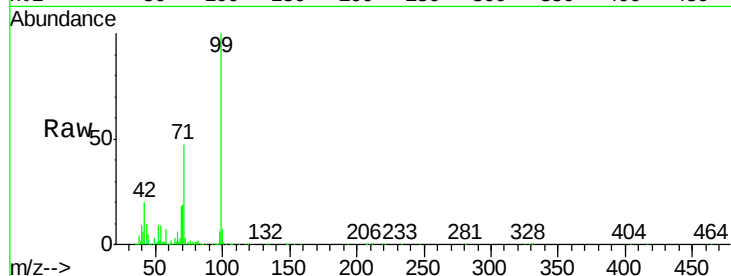
BNA_G

ClientSampleId :

C3-7

Tgt Ion: 99 Resp: 1345577

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.8	26.6
71	47.3	41.5	62.3

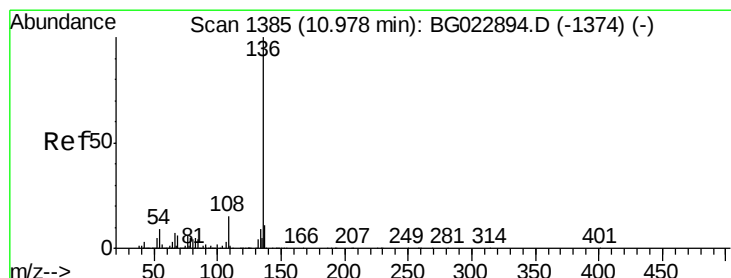
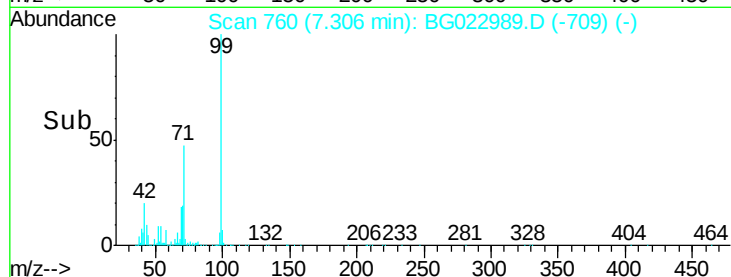
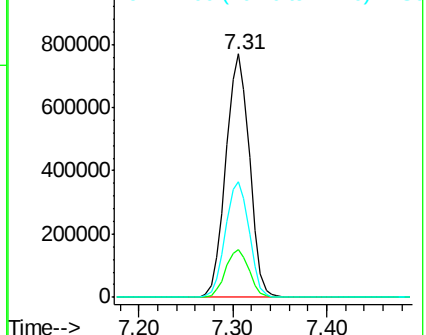


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

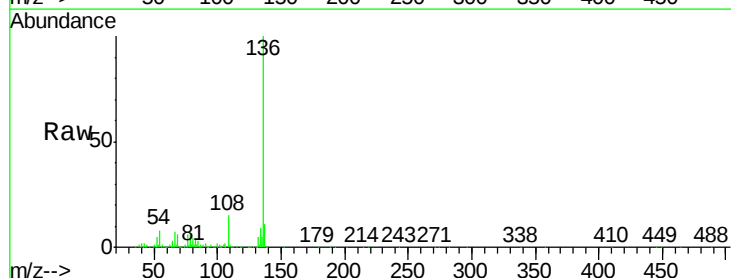
Delta R.T. 0.00 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

Tgt Ion: 136 Resp: 479963

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	8.2	7.3	10.9
68	5.8	5.3	7.9



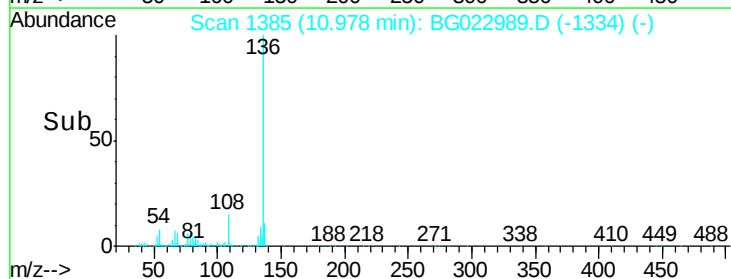
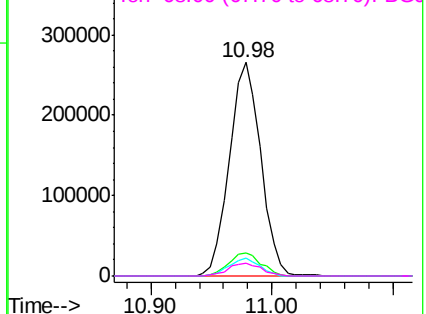
Abundance

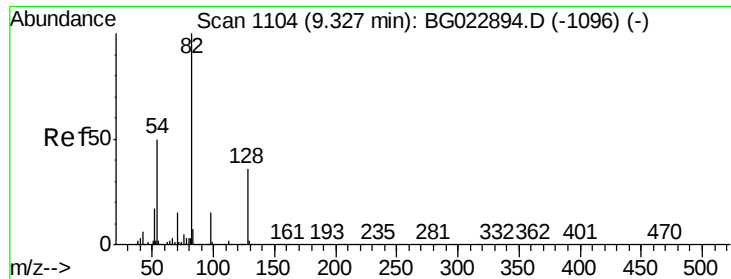
Ion 136.00 (135.70 to 136.70): BGC

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

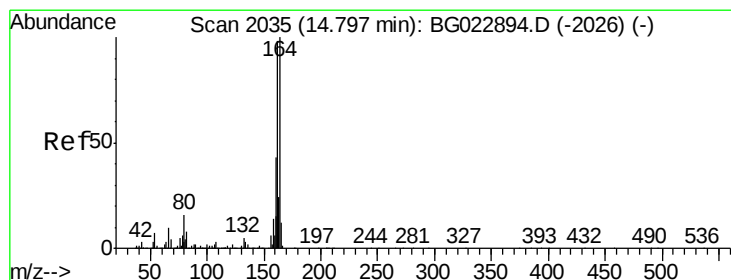
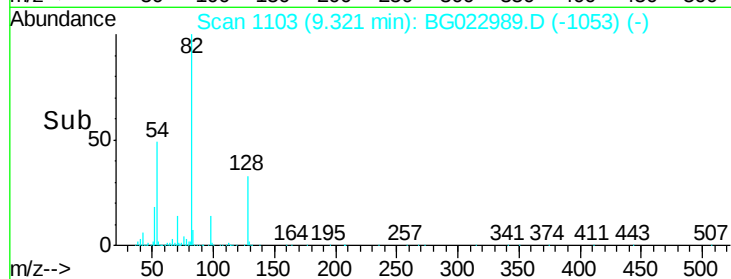
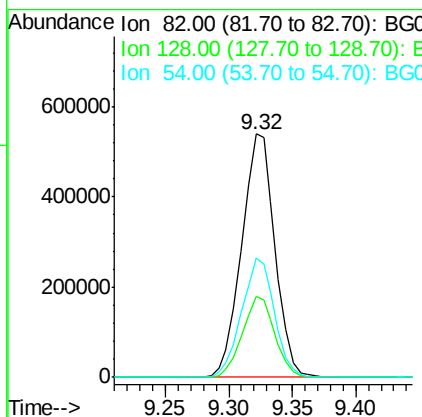
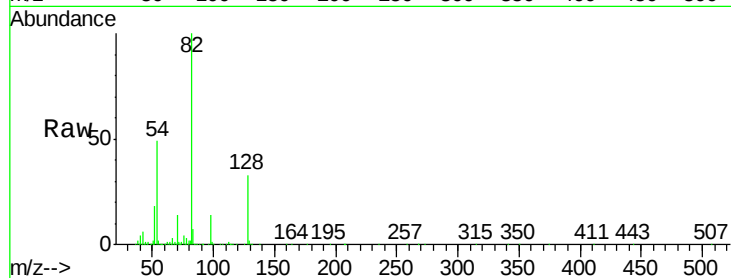




#23
 Nitrobenzene-d5
 Concen: 87.31 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG022989.D
 Acq: 10 Jul 2016 7:29

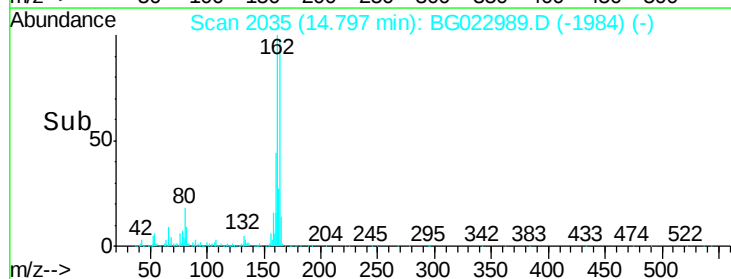
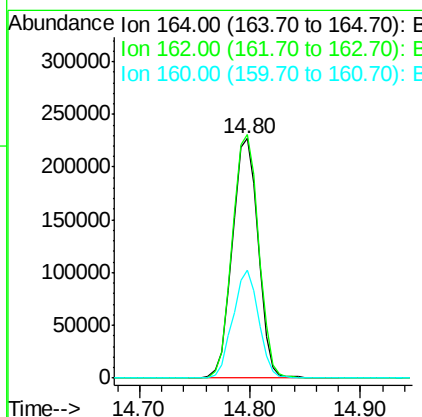
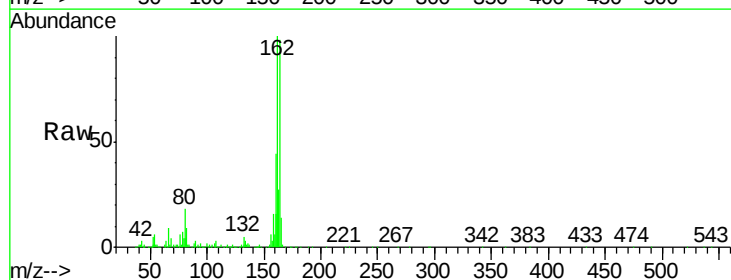
Instrument :
 BNA_G
 ClientSampleId :
 C3-7

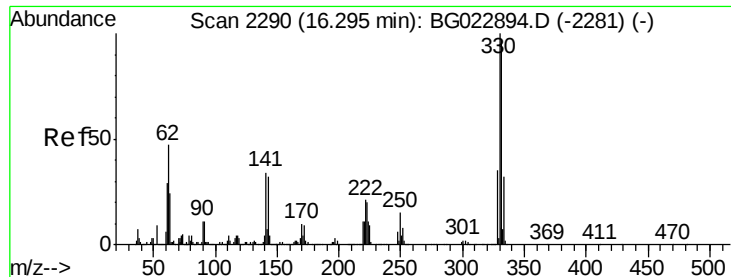
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	48.9	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG022989.D
 Acq: 10 Jul 2016 7:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	87.7	131.5
160	44.8	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 104.18 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

Instrument :

BNA_G

ClientSampled :

C3-7

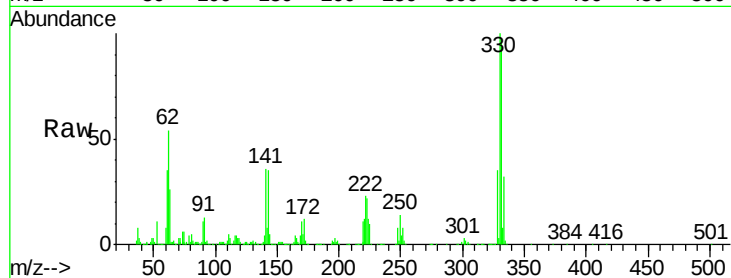
Tgt Ion:330 Resp: 702027

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

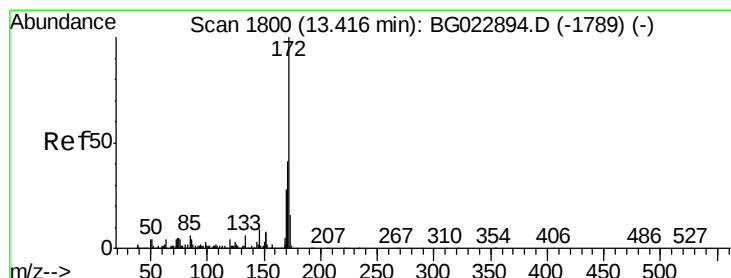
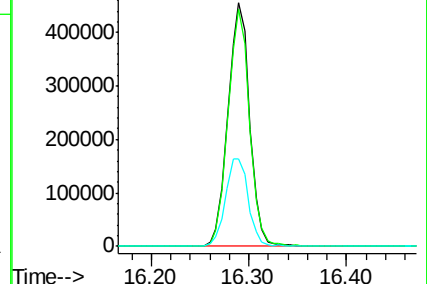
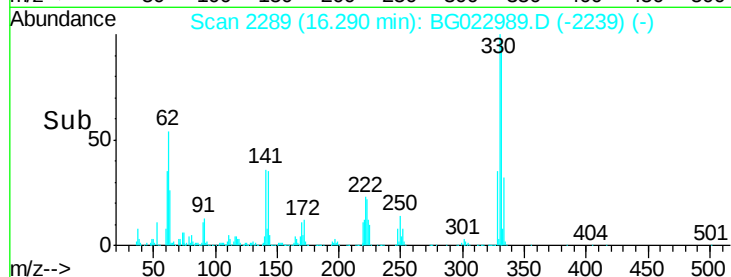
141 37.5 31.7 47.5



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



#44

2-Fluorobiphenyl

Concen: 80.18 ng

RT: 13.42 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

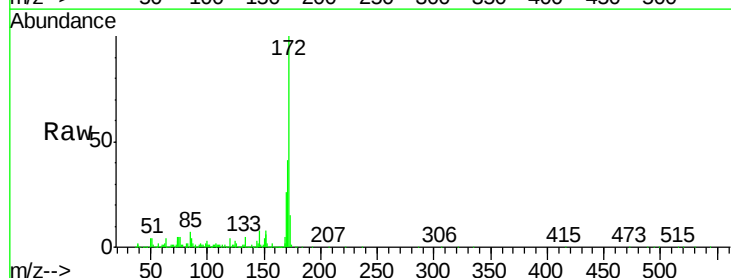
Tgt Ion:172 Resp: 1908608

Ion Ratio Lower Upper

172 100

171 40.9 31.6 47.4

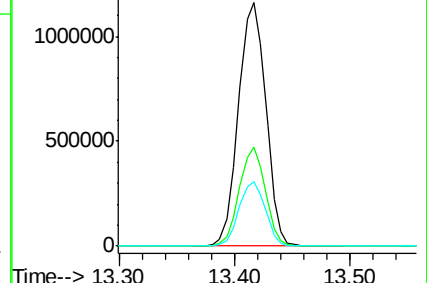
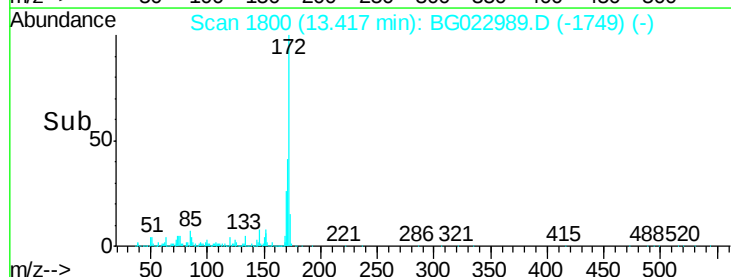
170 26.5 21.3 31.9



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





#49

Dimethylphthalate

Concen: 12.03 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

Instrument :

BNA_G

ClientSampleId :

C3-7

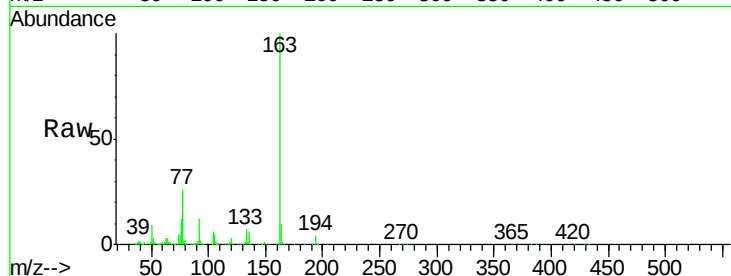
Tgt Ion:163 Resp: 368541

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

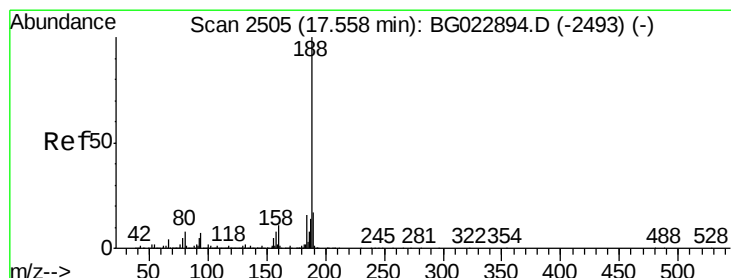
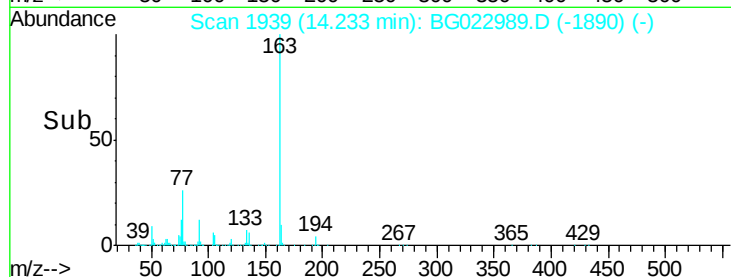
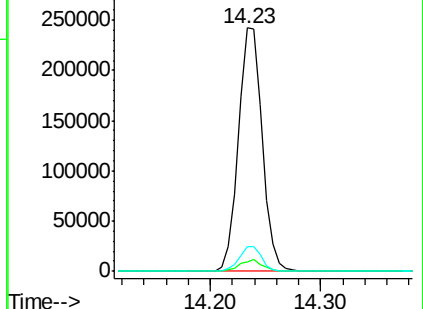
164 10.1 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

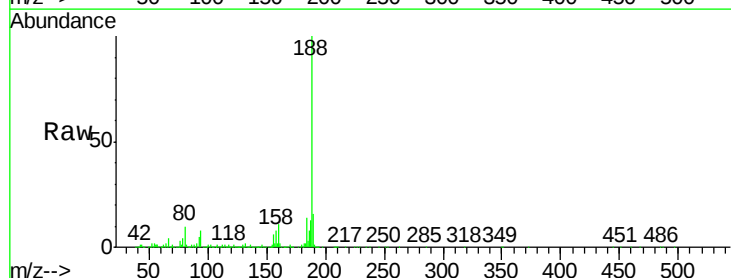
Tgt Ion:188 Resp: 837061

Ion Ratio Lower Upper

188 100

94 7.7 5.2 7.8

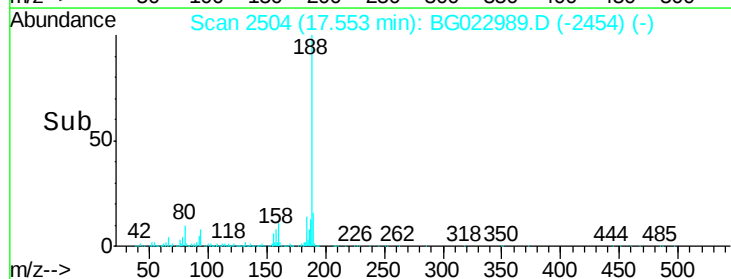
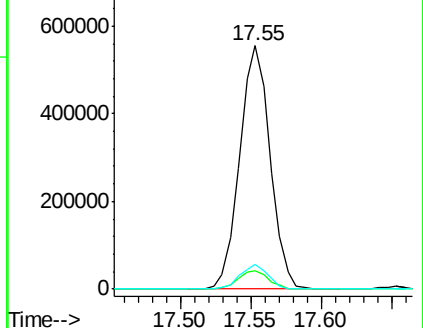
80 10.3 7.2 10.8

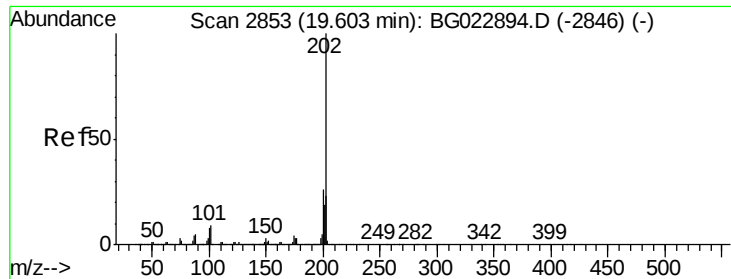


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Fluoranthene

Concen: 2.03 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

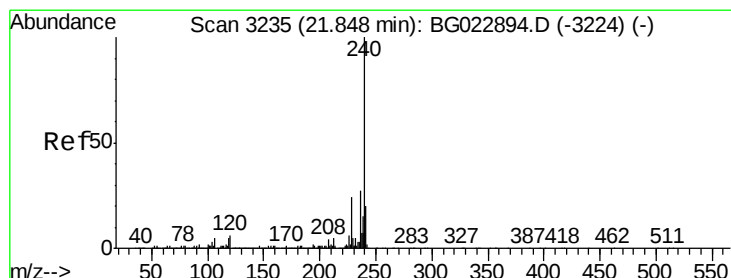
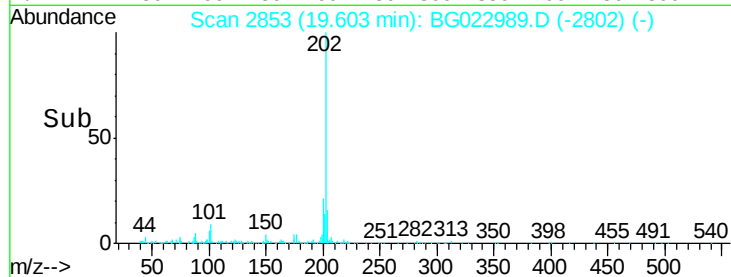
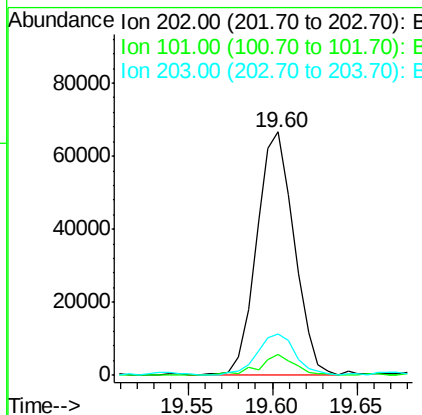
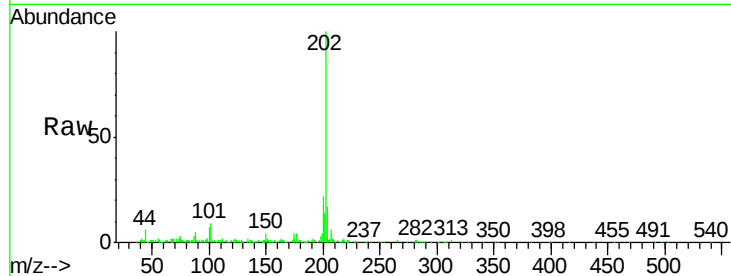
Instrument :

BNA_G

ClientSampleId :

C3-7

Tgt Ion:	202	Resp:	102039
Ion Ratio		Lower	Upper
202	100		
101	8.8	0.0	27.4
203	16.9	1.7	41.7



#75

Chrysene-d12

Concen: 20.00 ng

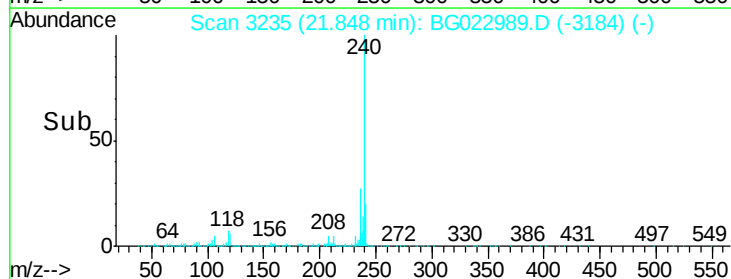
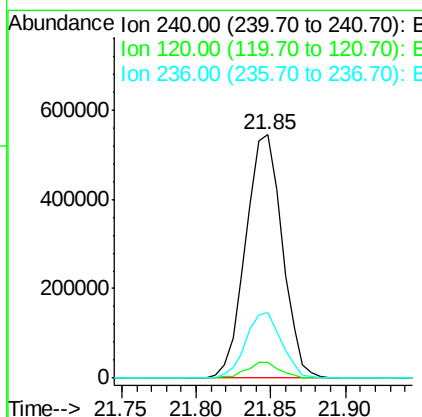
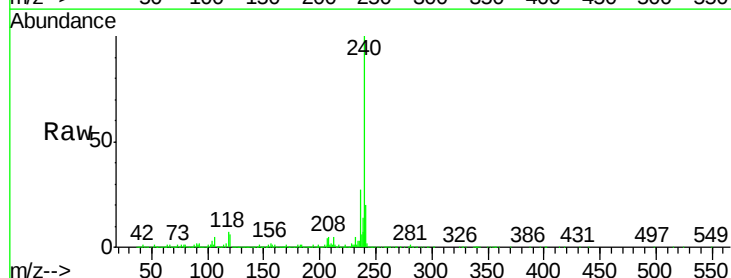
RT: 21.85 min Scan# 3235

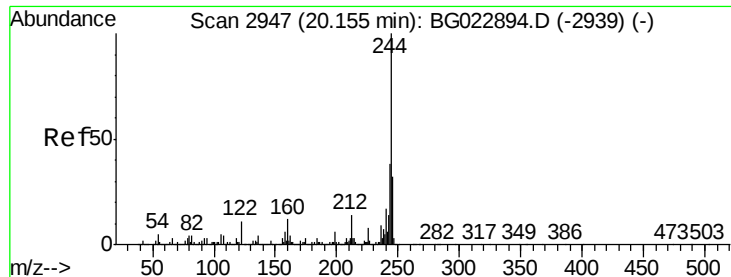
Delta R.T. 0.00 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

Tgt Ion:	240	Resp:	919908
Ion Ratio		Lower	Upper
240	100		
120	6.4	4.1	6.1#
236	26.9	21.1	31.7





#78

Terphenyl-d14

Concen: 83.72 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

Instrument :

BNA_G

ClientSampleId :

C3-7

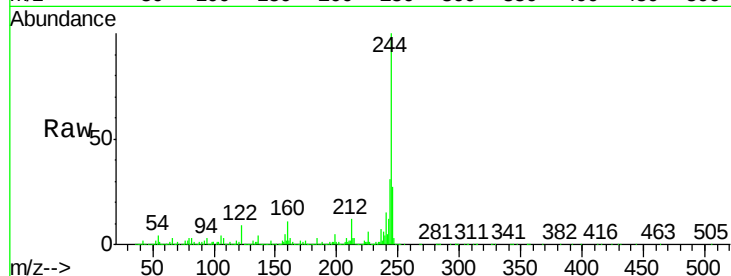
Tgt Ion:244 Resp: 2442123

Ion Ratio Lower Upper

244 100

212 11.9 10.8 16.2

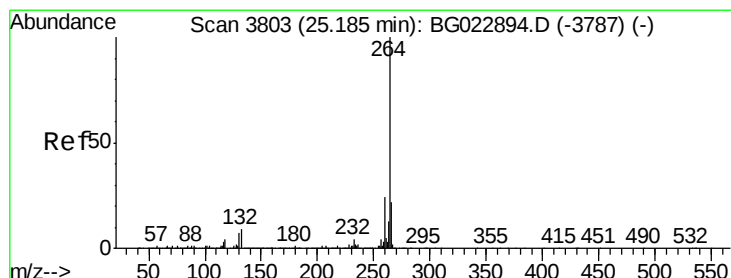
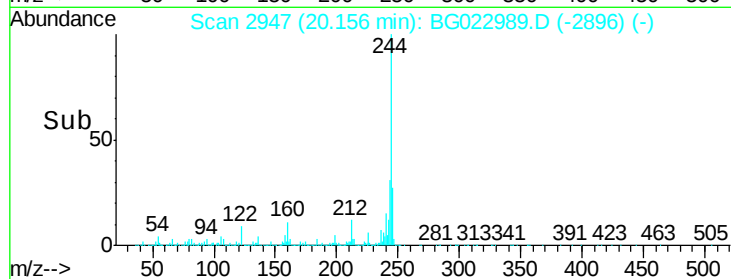
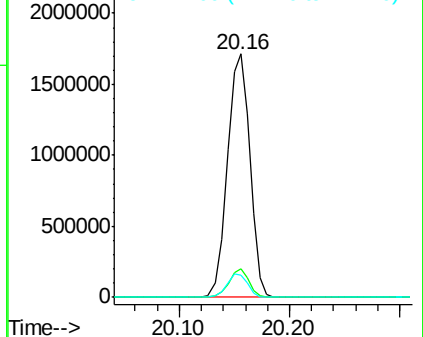
122 9.3 8.0 12.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3805

Delta R.T. 0.01 min

Lab File: BG022989.D

Acq: 10 Jul 2016 7:29

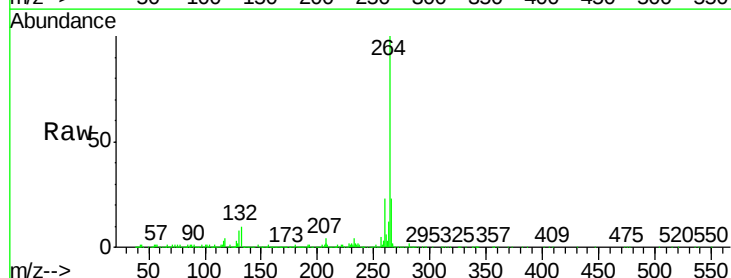
Tgt Ion:264 Resp: 948828

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 22.6 18.9 28.3



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

