

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016741.D
 Acq On : 27 Apr 2015 19:36
 Operator : TP/IZ
 Sample : G1925-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-16(9.5-10)

Quant Time: Apr 28 01:49:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 00:54:32 2015
 Response via : Initial Calibration

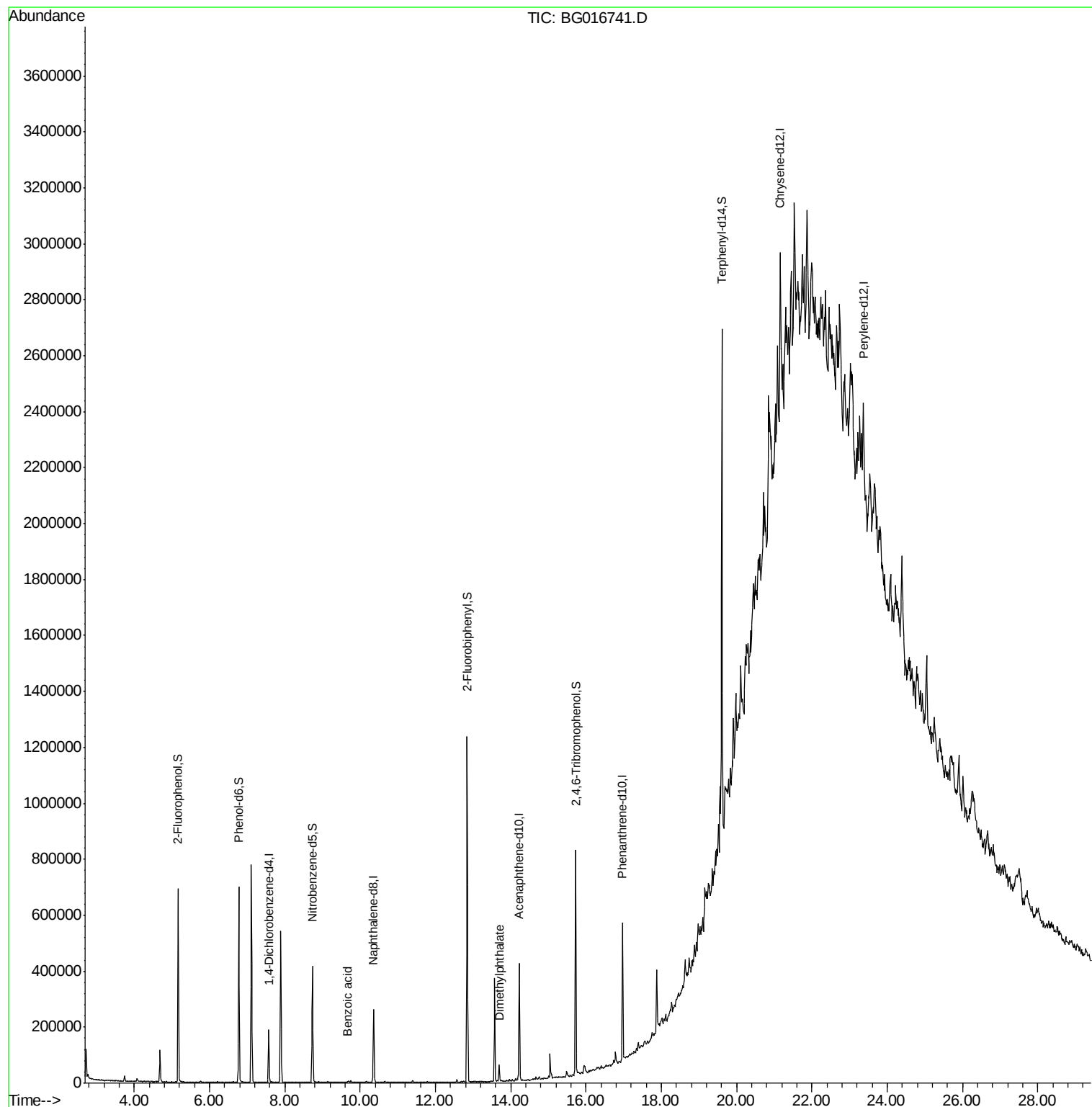
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	53226	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	230293	20.00	ng	0.00
38) Acenaphthene-d10	14.23	164	137458	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	268537	20.00	ng	-0.01
75) Chrysene-d12	21.16	240	211839	20.00	ng	-0.01
86) Perylene-d12	23.37	264	194942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	340236	103.73	ng	0.00
7) Phenol-d6	6.78	99	468537	101.82	ng	0.00
23) Nitrobenzene-d5	8.73	82	242040	66.41	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	123847	121.45	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	617417	72.17	ng	-0.01
78) Terphenyl-d14	19.61	244	693317	75.39	ng	0.00
Target Compounds						
32) Benzoic acid	9.67	122	4854m	10.83	ng	Qvalue 98
49) Dimethylphthalate	13.69	163	38992	3.79	ng	

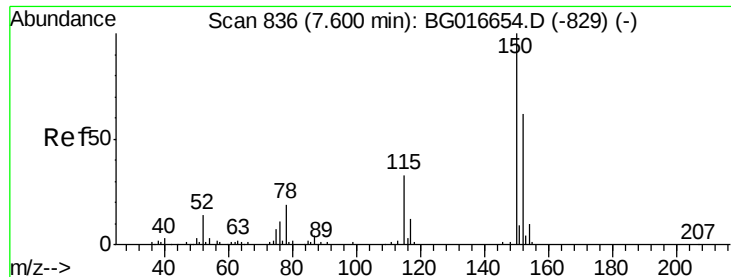
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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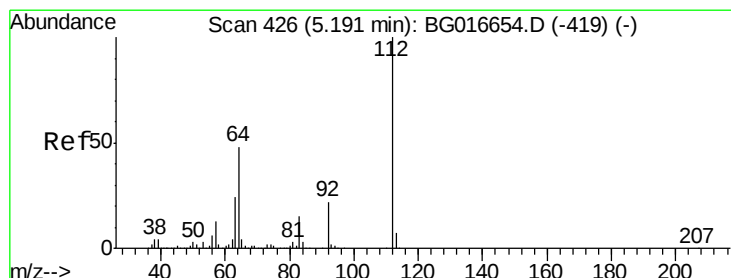
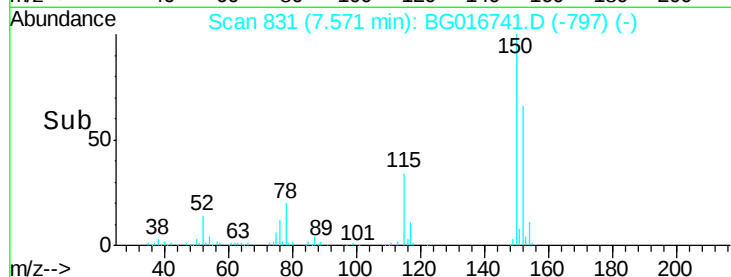
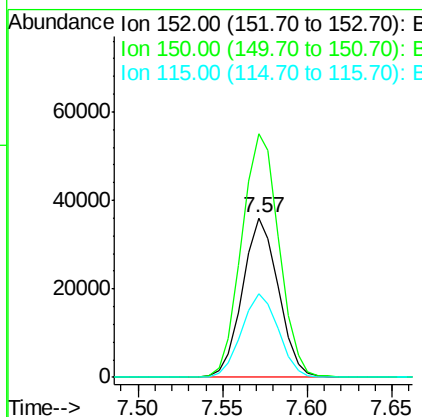
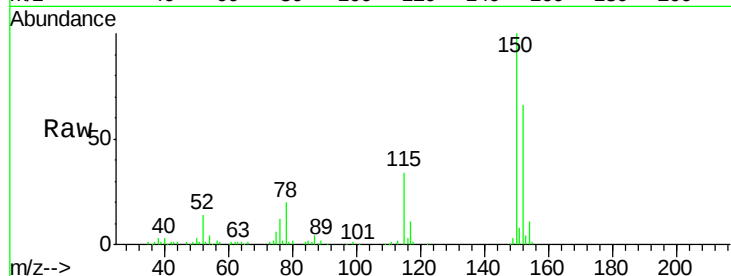


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG016741.D
Acq: 27 Apr 2015 19:36

Instrument :
BNA_G
ClientSampleId :
AS-16(9.5-10)

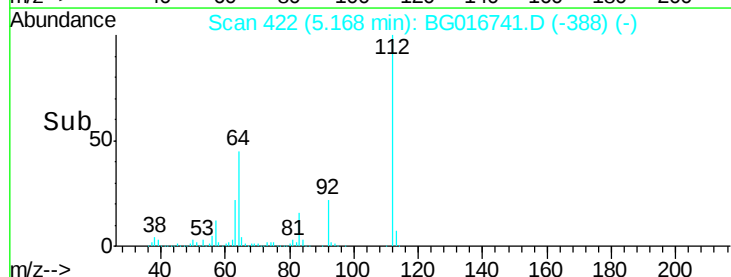
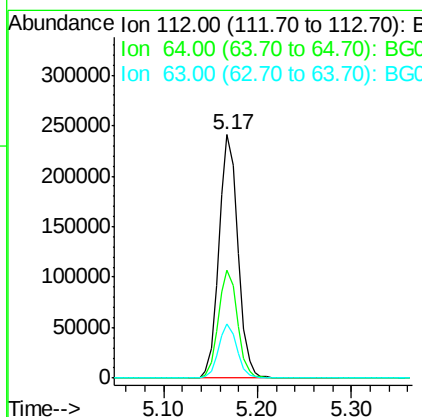
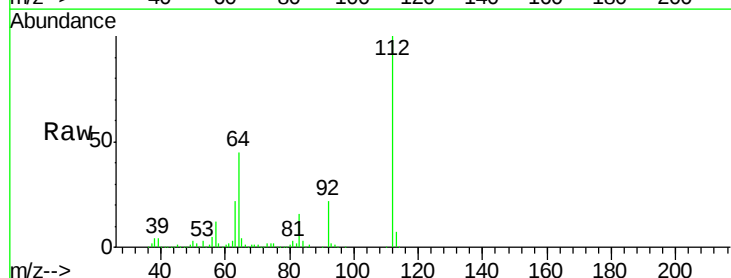
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	129.6	194.4
115	52.0	43.0	64.6

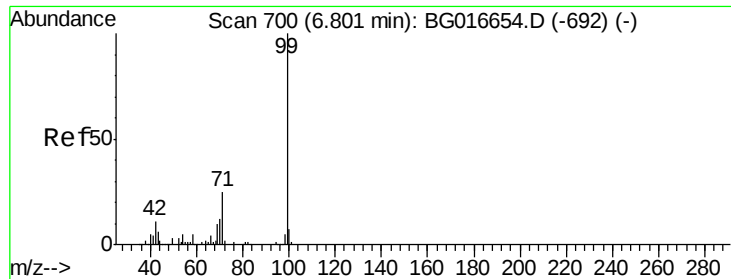


#5

2-Fluorophenol
Concen: 103.73 ng
RT: 5.17 min Scan# 422
Delta R.T. -0.00 min
Lab File: BG016741.D
Acq: 27 Apr 2015 19:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.5	38.3	57.5
63	22.3	18.9	28.3





#7

Phenol-d6

Concen: 101.82 ng

RT: 6.78 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG016741.D

Acq: 27 Apr 2015 19:36

Instrument :

BNA_G

ClientSampleId :

AS-16(9.5-10)

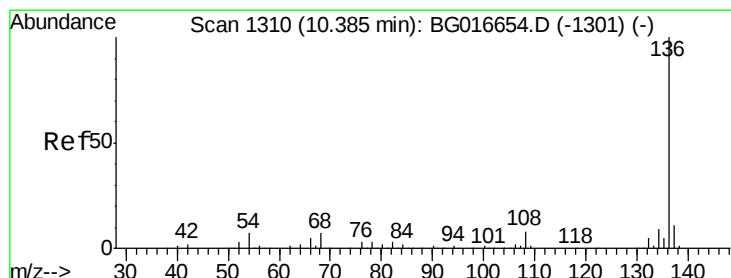
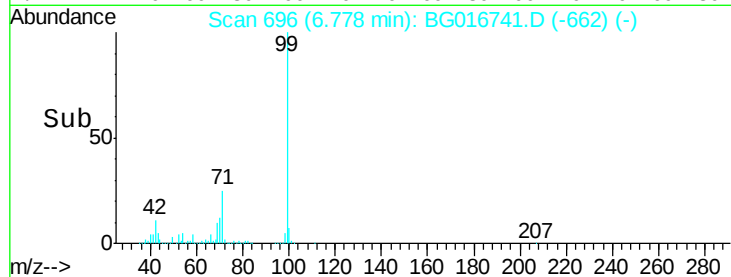
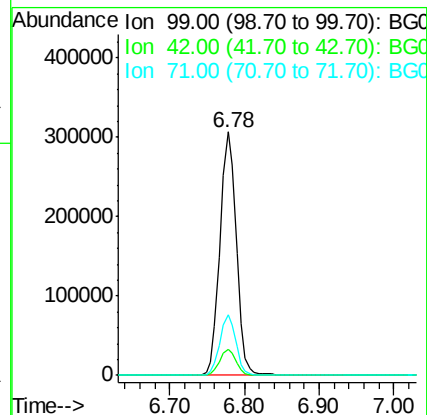
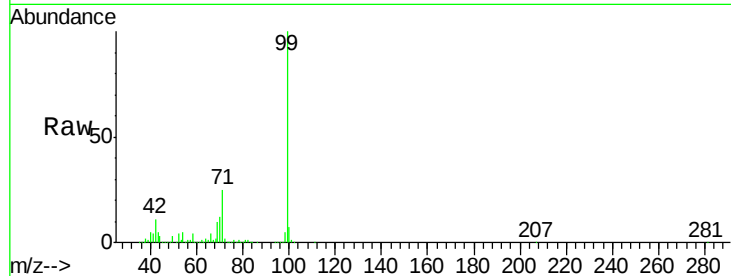
Tot Ion: 99 Resp: 468537

Ion Ratio Lower Upper

99 100

42 10.7 8.8 13.2

71 24.7 19.9 29.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG016741.D

Acq: 27 Apr 2015 19:36

Tgt Ion: 136 Resp: 230293

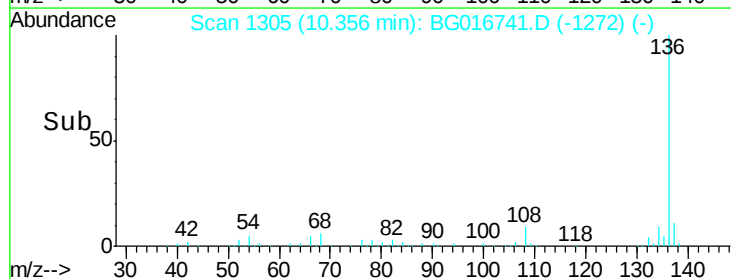
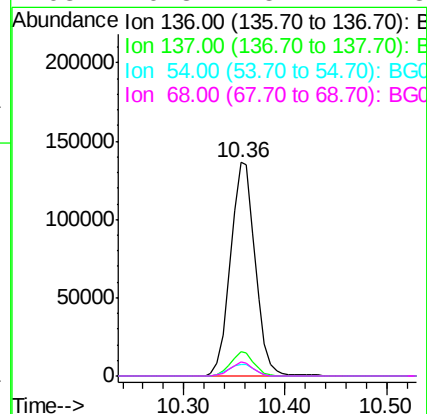
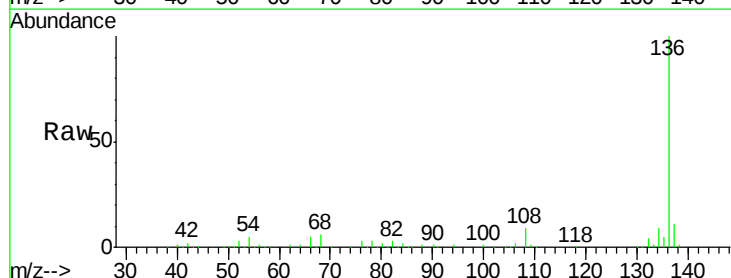
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 5.4 5.4 8.2#

68 6.3 5.2 7.8

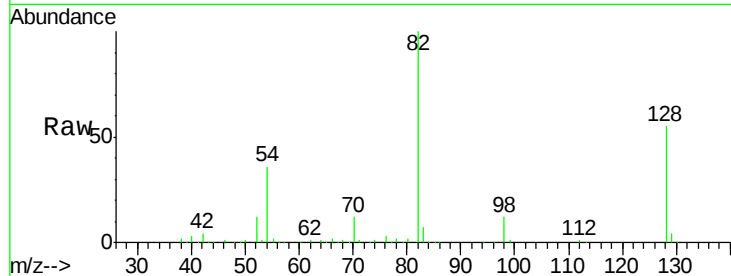




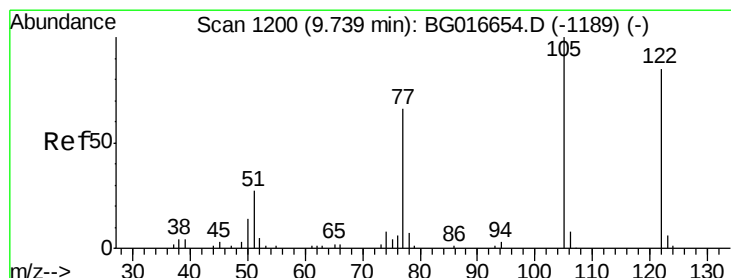
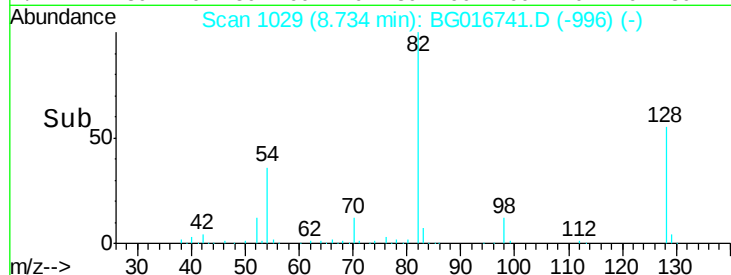
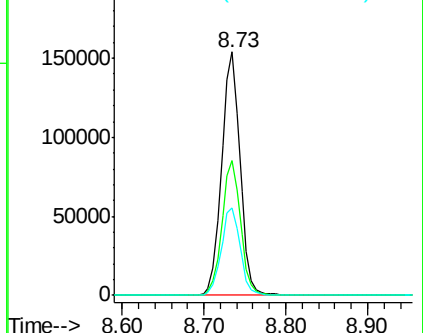
#23
 Nitrobenzene-d5
 Concen: 66.41 ng
 RT: 8.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG016741.D
 Acq: 27 Apr 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 AS-16(9.5-10)

Tot Ion: 82 Resp: 242040
 Ion Ratio Lower Upper
 82 100
 128 55.5 44.7 67.1
 54 35.9 30.9 46.3

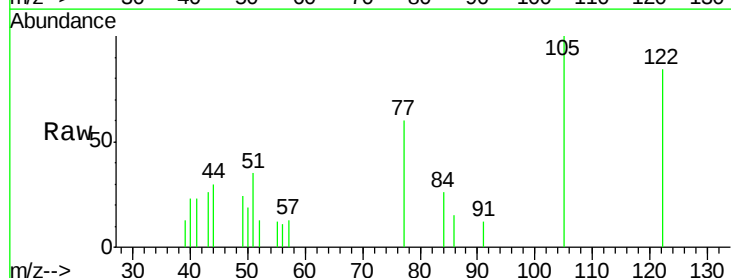


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

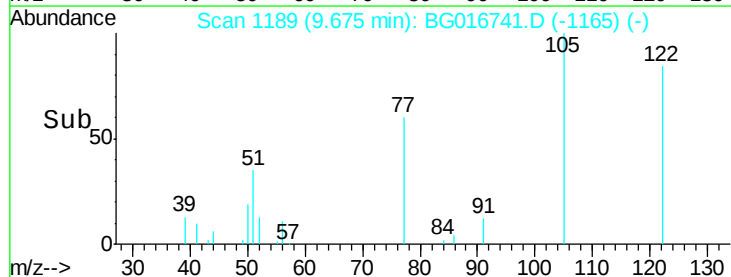
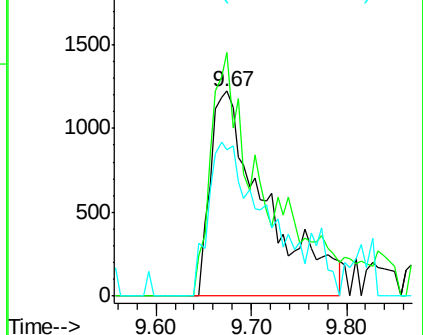


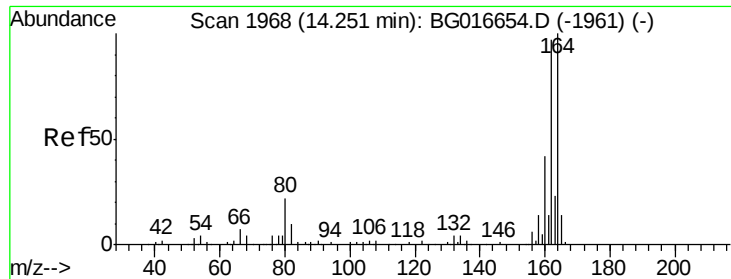
#32
 Benzoic acid
 Concen: 10.83 ng m
 RT: 9.67 min Scan# 1189
 Delta R.T. -0.06 min
 Lab File: BG016741.D
 Acq: 27 Apr 2015 19:36

Tgt Ion:122 Resp: 4854
 Ion Ratio Lower Upper
 122 100
 105 118.7 97.2 137.2
 77 71.3 58.4 98.4



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC

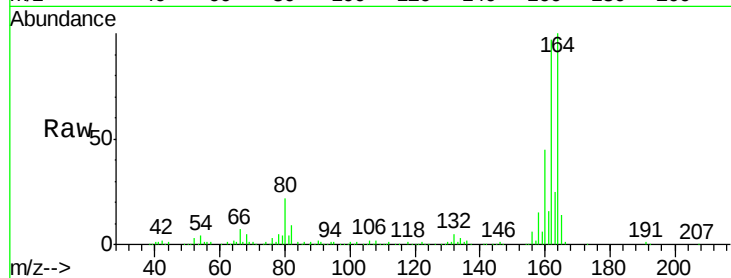




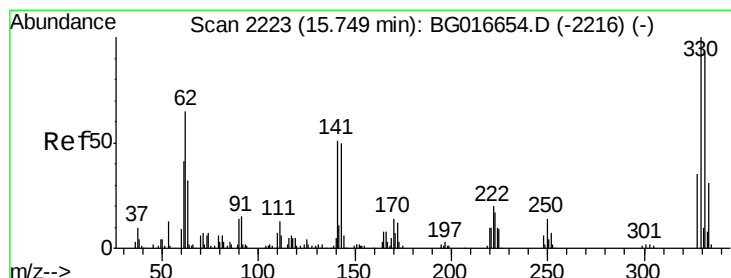
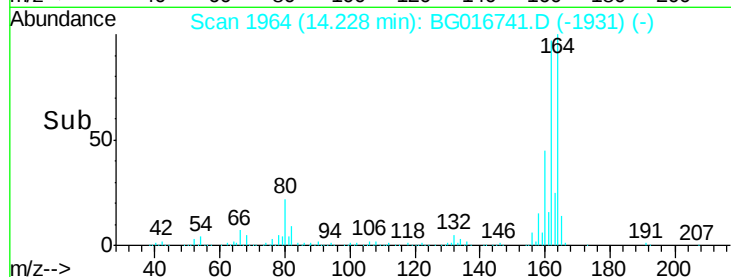
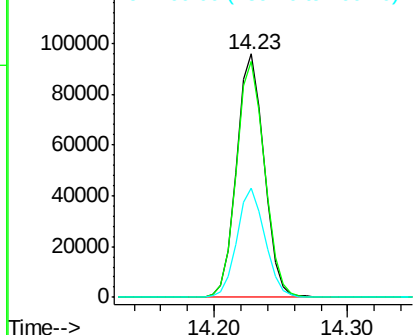
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.23 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG016741.D
 Acq: 27 Apr 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 AS-16(9.5-10)

Tot Ion:164 Resp: 137458
 Ion Ratio Lower Upper
 164 100
 162 96.8 77.3 115.9
 160 45.0 33.7 50.5

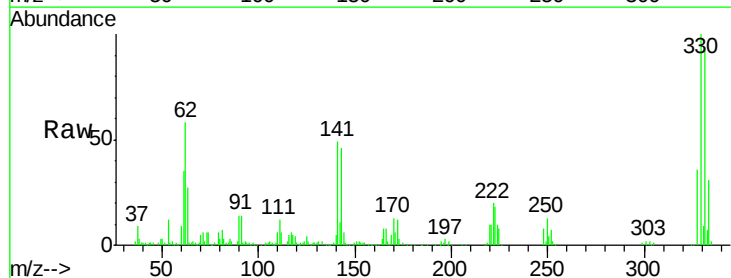


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

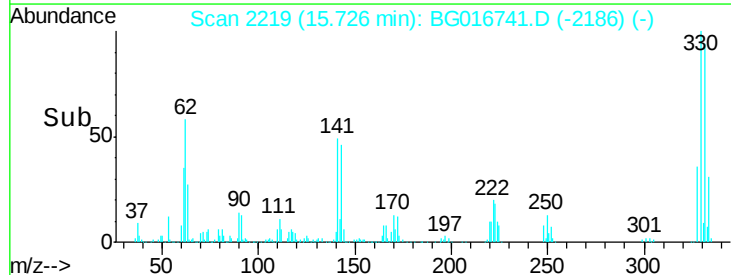
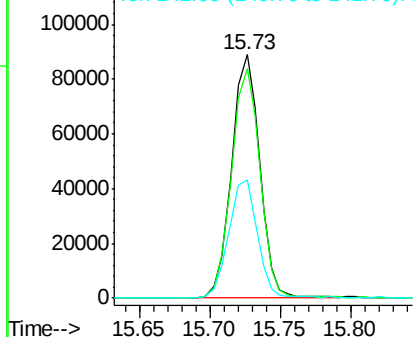


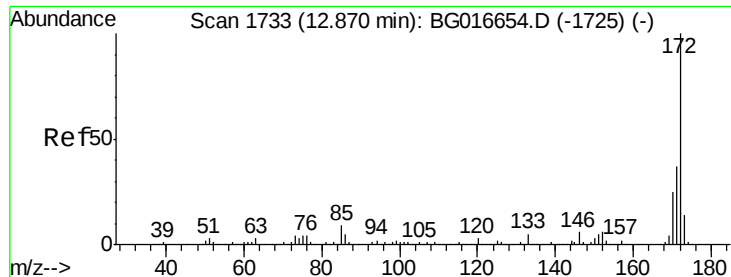
#41
 2,4,6-Tribromophenol
 Concen: 121.45 ng
 RT: 15.73 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG016741.D
 Acq: 27 Apr 2015 19:36

Tgt Ion:330 Resp: 123847
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 49.8 43.0 64.6



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

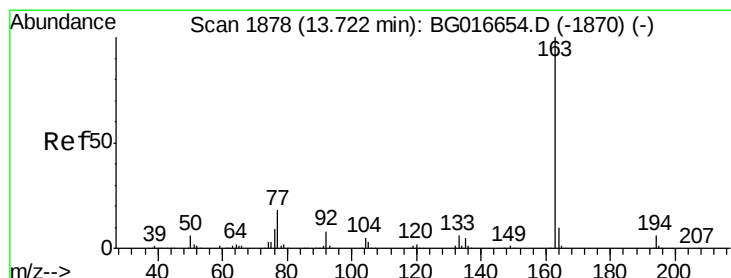
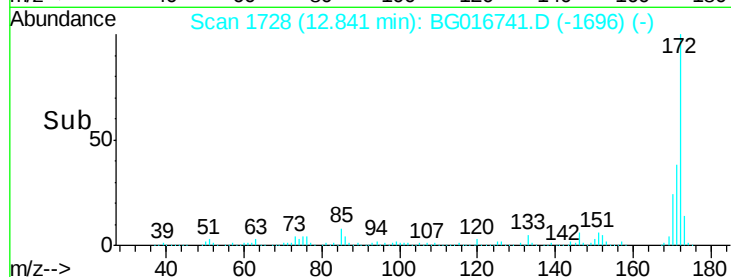
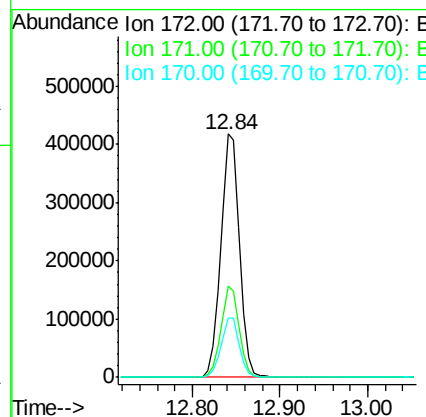
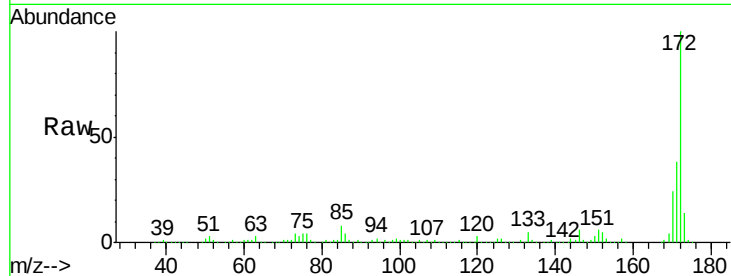




#44
2-Fluorobiphenyl
Concen: 72.17 ng
RT: 12.84 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG016741.D
Acq: 27 Apr 2015 19:36

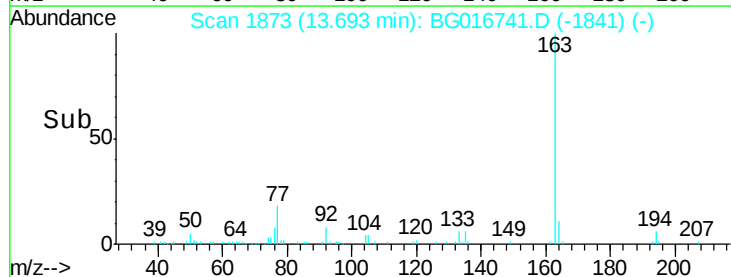
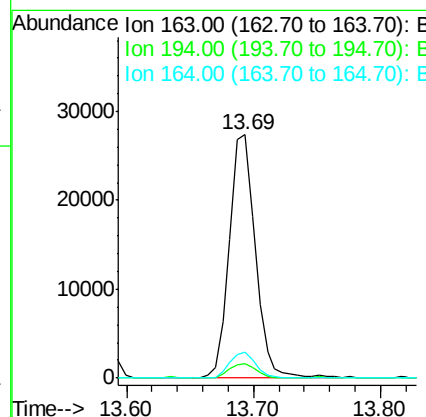
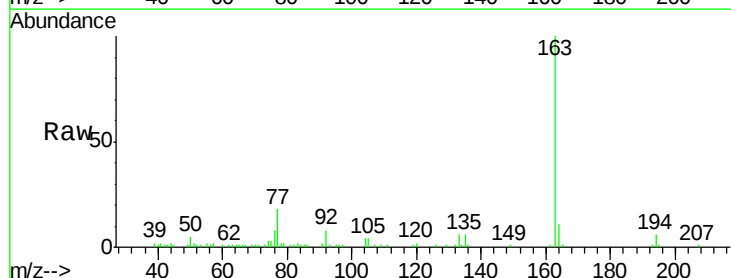
Instrument :
BNA_G
ClientSampled :
AS-16(9.5-10)

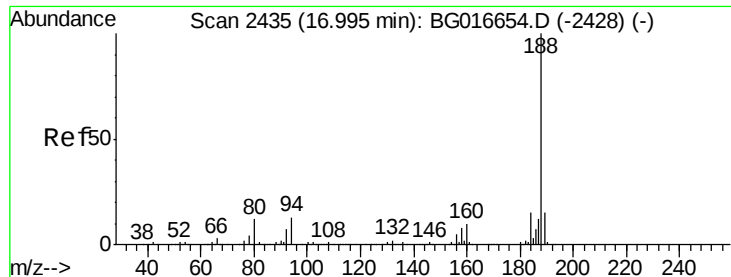
Tot Ion:172 Resp: 617417
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 3.79 ng
RT: 13.69 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG016741.D
Acq: 27 Apr 2015 19:36

Tgt Ion:163 Resp: 38992
Ion Ratio Lower Upper
163 100
194 5.9 5.0 7.4
164 10.6 7.8 11.8

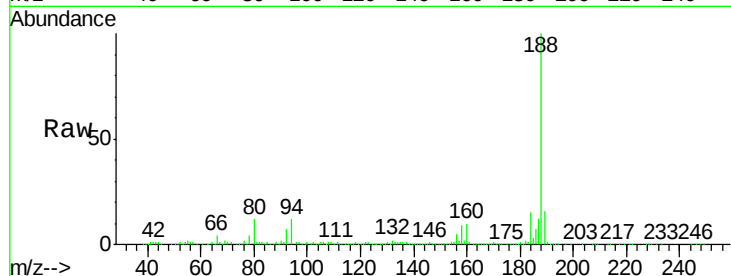




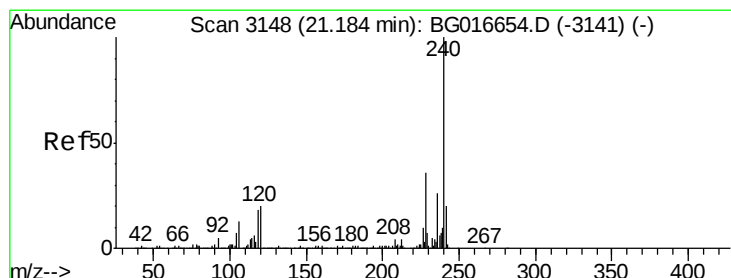
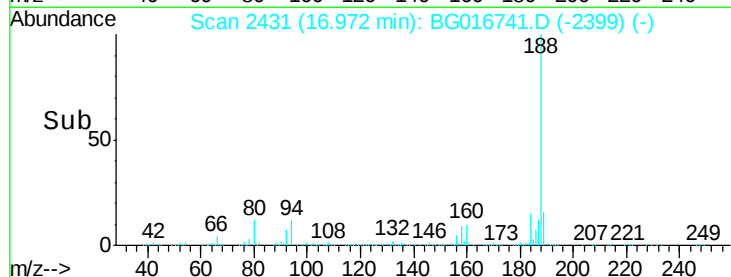
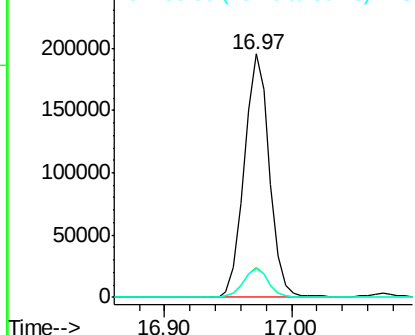
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG016741.D
Acq: 27 Apr 2015 19:36

Instrument :
BNA_G
ClientSampleId :
AS-16(9.5-10)

Tot Ion:188 Resp: 268537
Ion Ratio Lower Upper
188 100
94 12.3 10.7 16.1
80 11.8 9.9 14.9

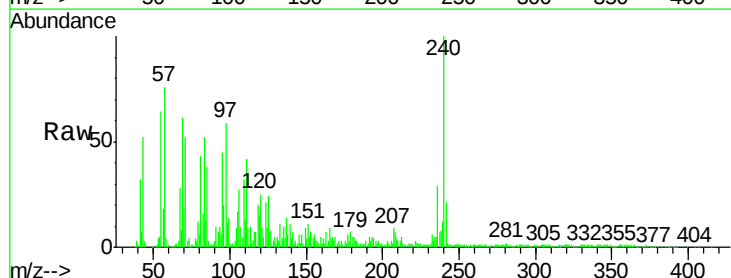


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

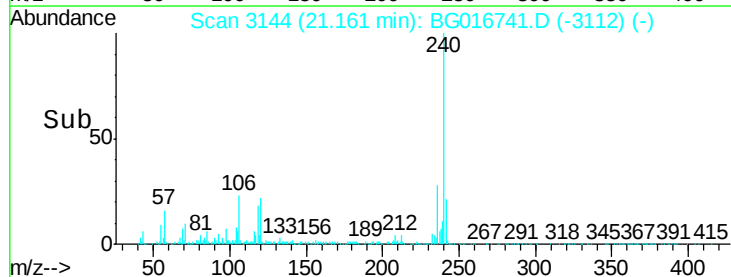
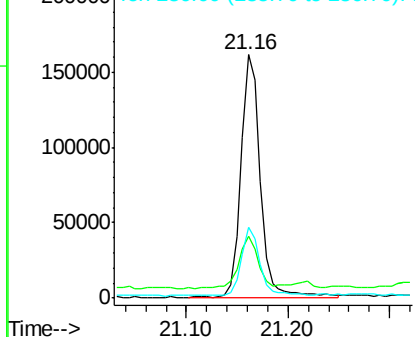


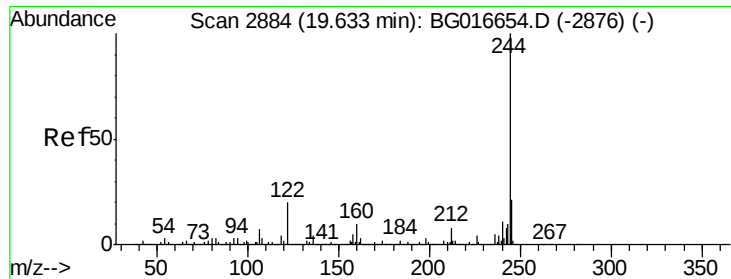
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG016741.D
Acq: 27 Apr 2015 19:36

Tgt Ion:240 Resp: 211839
Ion Ratio Lower Upper
240 100
120 25.4 16.3 24.5#
236 28.9 21.1 31.7



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





#78

Terphenyl-d14

Concen: 75.39 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG016741.D

Acq: 27 Apr 2015 19:36

Instrument :

BNA_G

ClientSampleId :

AS-16(9.5-10)

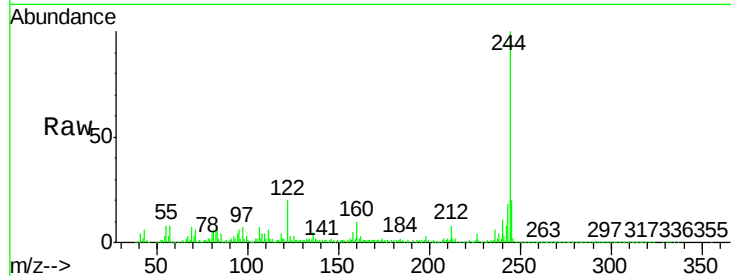
Tot Ion:244 Resp: 693317

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

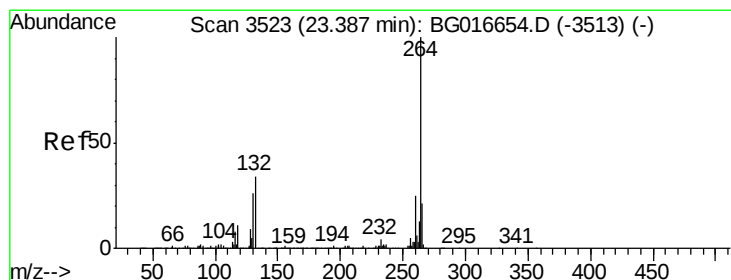
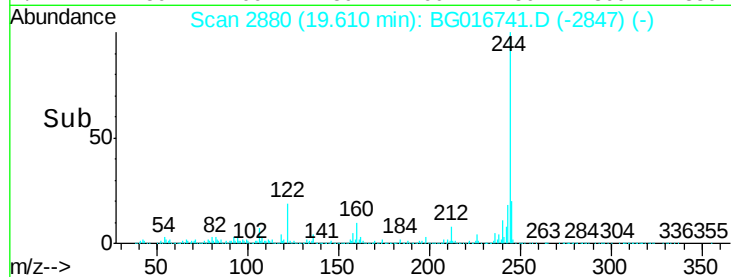
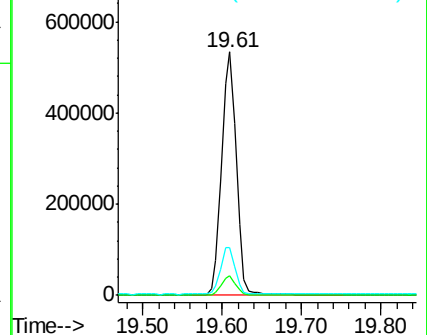
122 19.5 15.9 23.9



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: 23.37 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BG016741.D

Acq: 27 Apr 2015 19:36

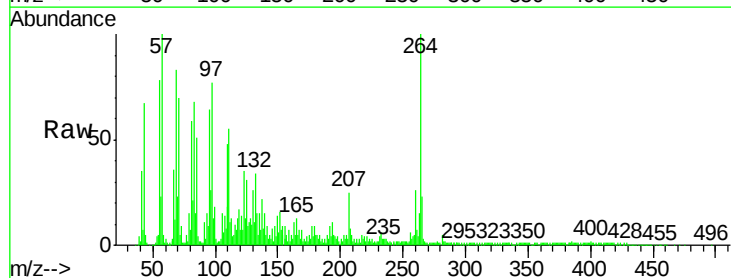
Tgt Ion:264 Resp: 194942

Ion Ratio Lower Upper

264 100

260 26.2 20.0 30.0

265 22.5 16.8 25.2



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

