

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019897.D
 Acq On : 4 Dec 2015 8:17
 Operator : UM/NP
 Sample : G4609-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 04 10:45:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

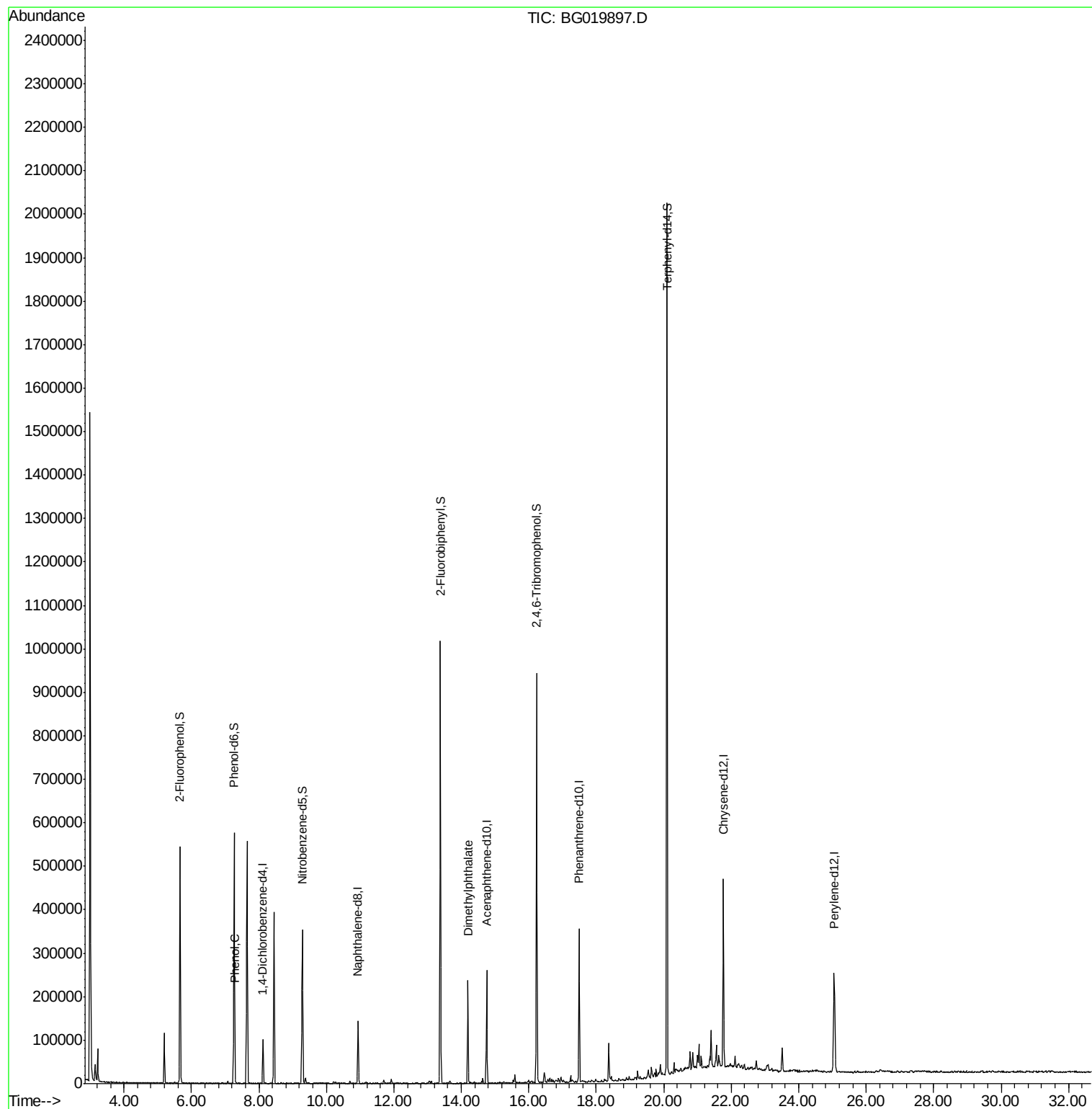
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27451	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	119477	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	85909	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	222039	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	262221	20.00	ng	-0.03
86) Perylene-d12	25.05	264	251190	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	217558	143.24	ng	0.00
7) Phenol-d6	7.26	99	325324	141.86	ng	0.00
23) Nitrobenzene-d5	9.29	82	213779	91.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	168204	127.96	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	520853	82.78	ng	-0.02
78) Terphenyl-d14	20.10	244	887530	82.56	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	5047	2.09	ng	Qvalue # 62
49) Dimethylphthalate	14.20	163	154226	19.96	ng	98

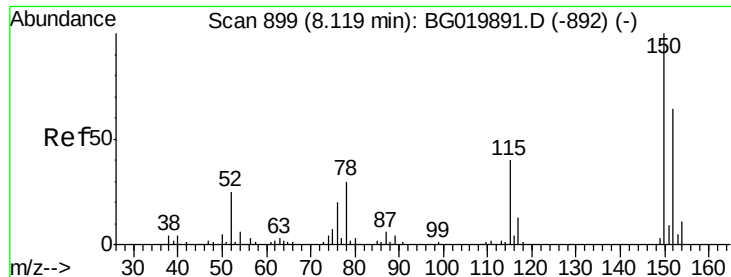
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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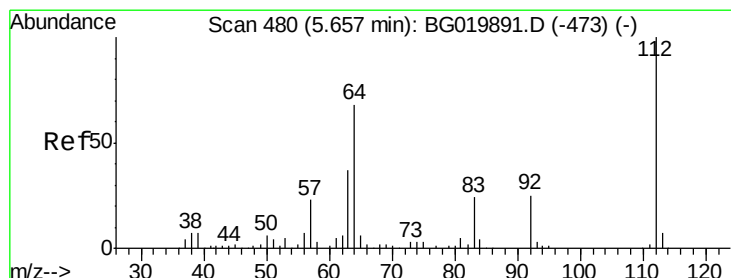
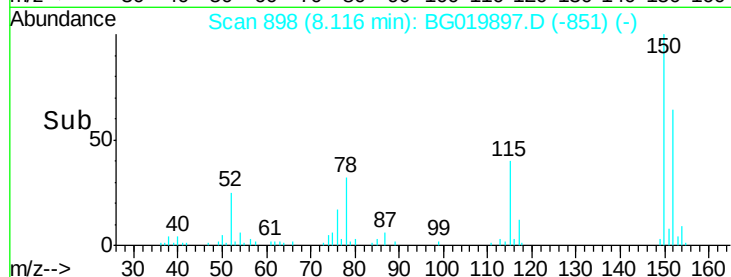
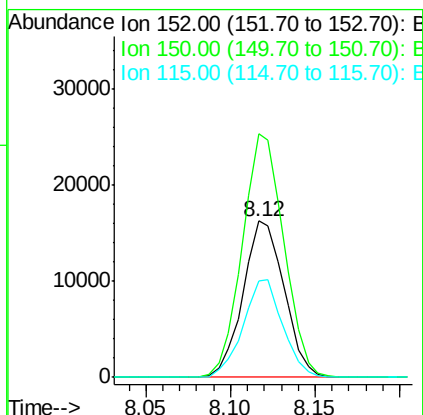
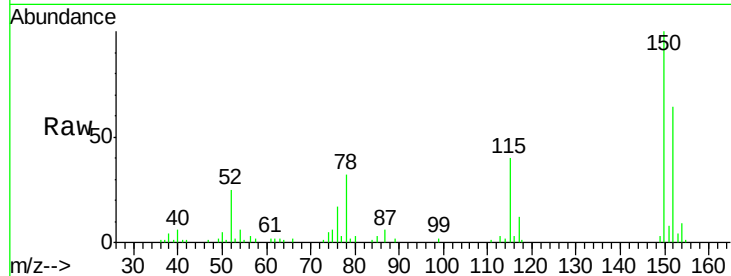


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019897.D
Acq: 4 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :

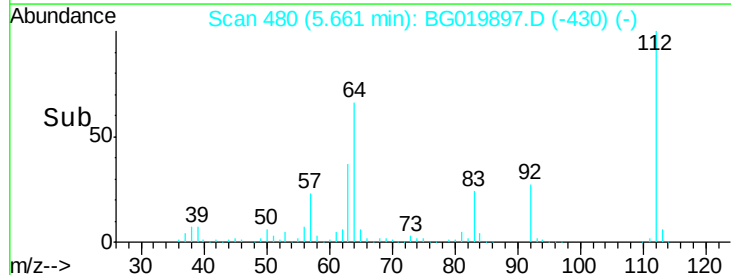
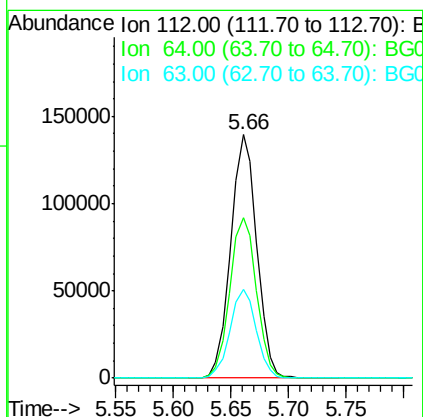
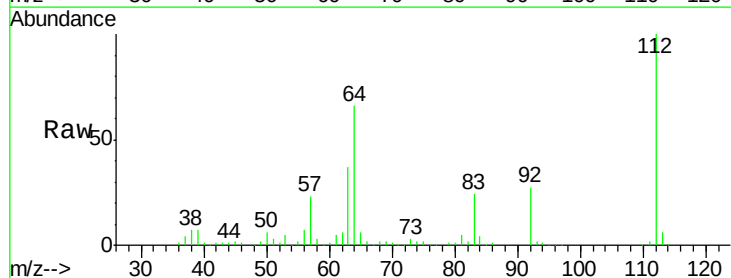
Tot Ion:152 Resp: 27451
Ion Ratio Lower Upper
152 100
150 156.1 115.0 172.4
115 62.2 43.9 65.9

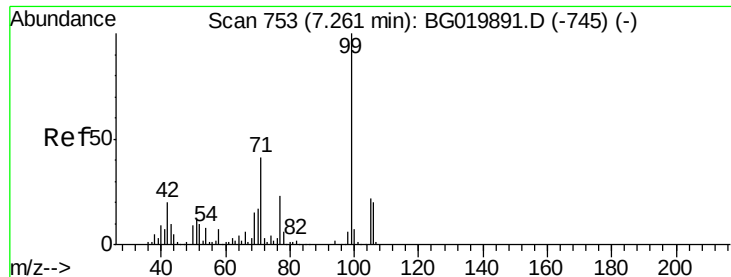


#5

2-Fluorophenol
Concen: 143.24 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019897.D
Acq: 4 Dec 2015 8:17

Tgt Ion:112 Resp: 217558
Ion Ratio Lower Upper
112 100
64 66.0 43.7 65.5#
63 36.7 24.0 36.0#





#7

Phenol-d6

Concen: 141.86 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019897.D

Acq: 4 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

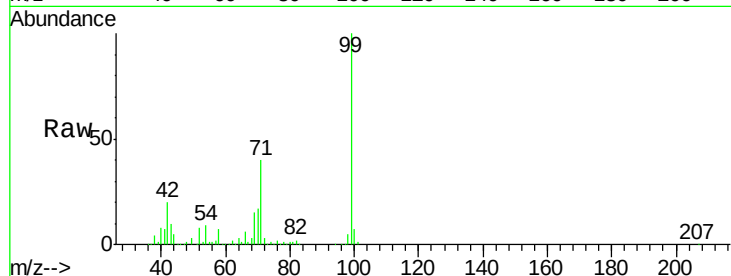
Tot Ion: 99 Resp: 325324

Ion Ratio Lower Upper

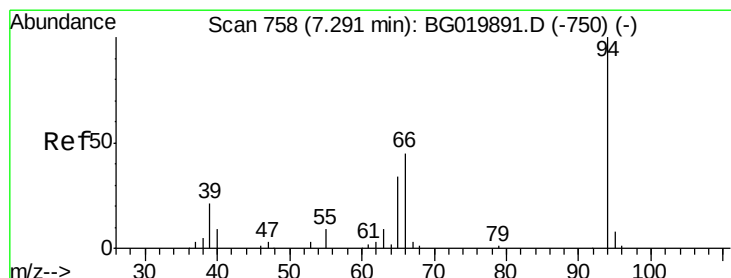
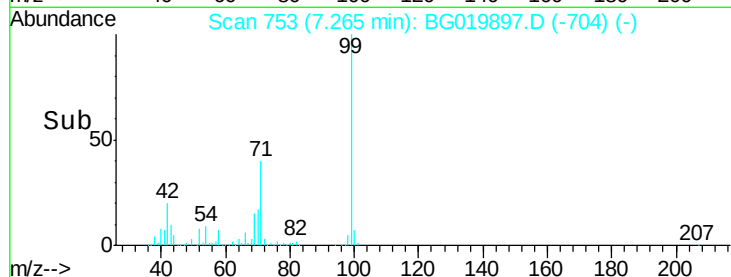
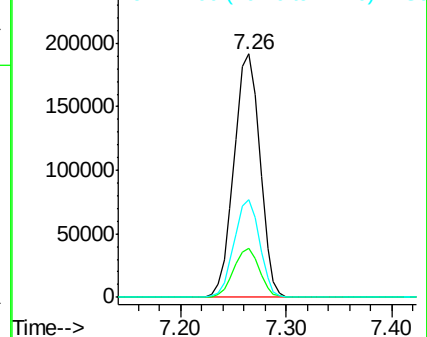
99 100

42 20.1 11.5 17.3#

71 40.0 22.6 34.0#



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: 2.09 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG019897.D

Acq: 4 Dec 2015 8:17

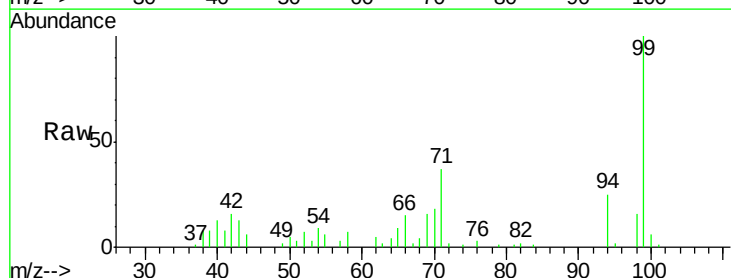
Tgt Ion: 94 Resp: 5047

Ion Ratio Lower Upper

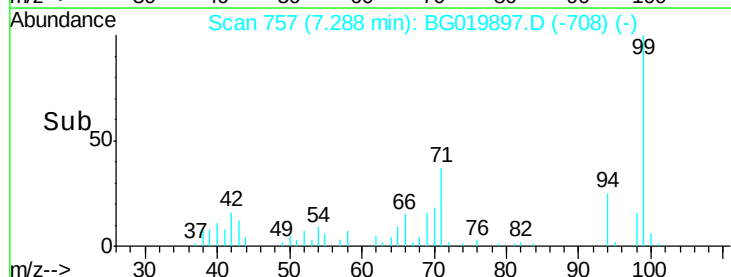
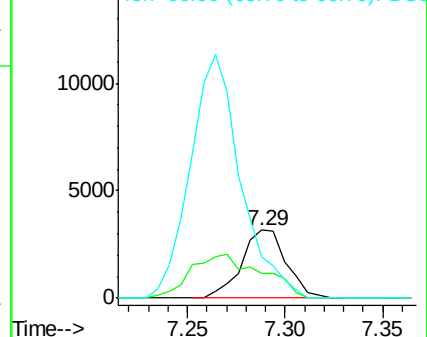
94 100

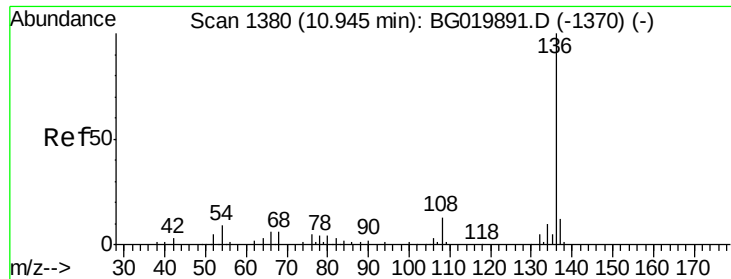
65 36.2 5.4 45.4

66 60.2 11.8 51.8#



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

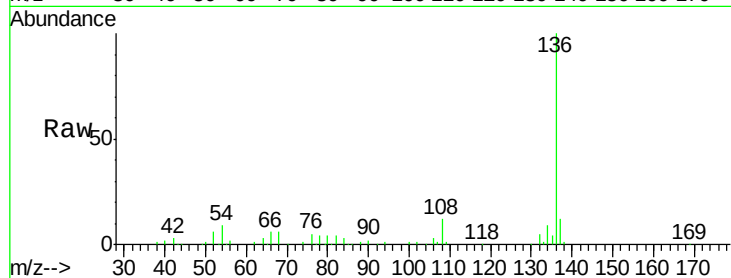




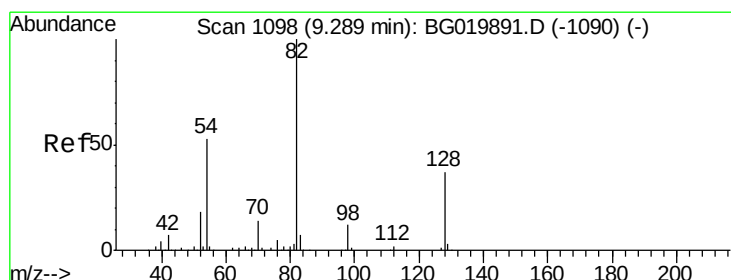
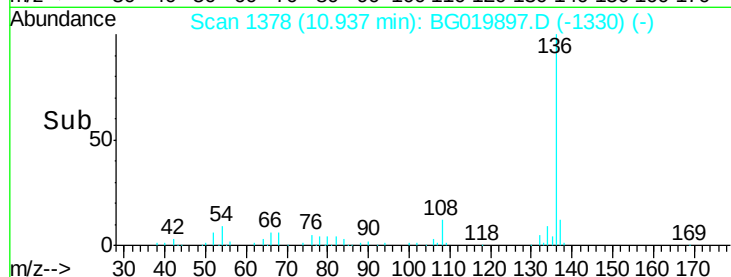
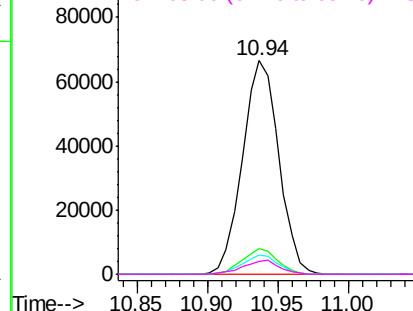
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019897.D
Acq: 4 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	119477
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.6 12.8
54	9.0	5.4 8.2#
68	6.2	5.3 7.9

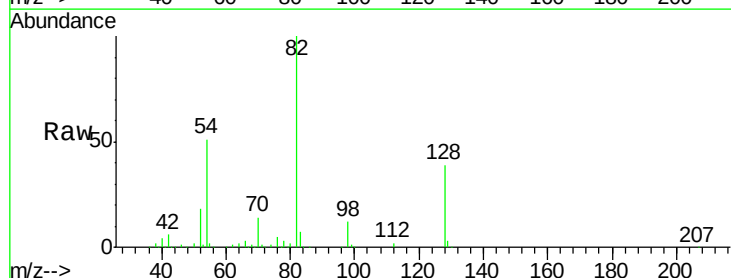


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

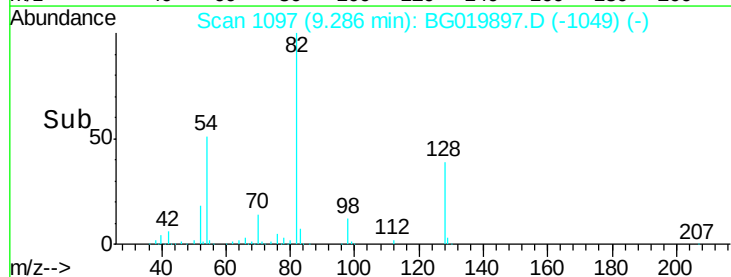
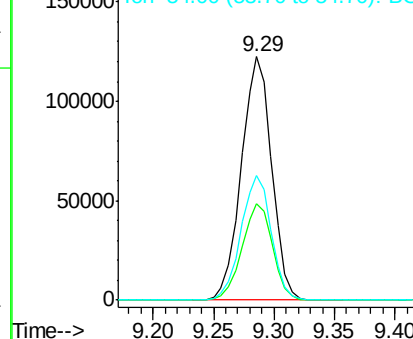


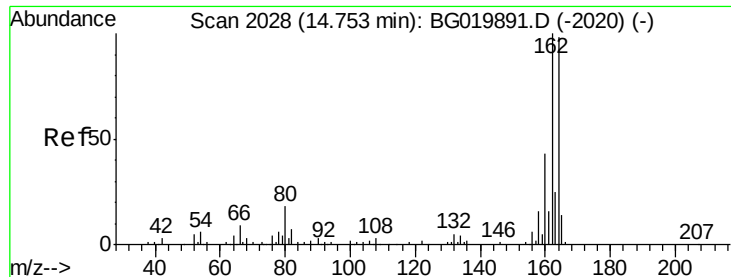
#23
Nitrobenzene-d5
Concen: 91.32 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019897.D
Acq: 4 Dec 2015 8:17

Tgt Ion: 82	Resp:	213779
Ion Ratio	Lower	Upper
82	100	
128	39.4	36.7 55.1
54	51.1	33.8 50.8#



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

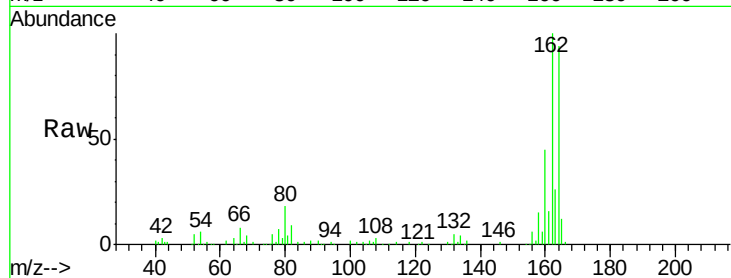




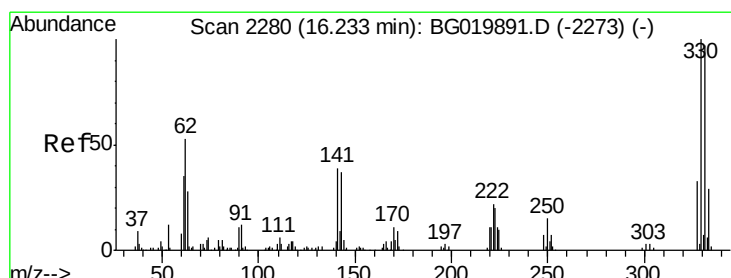
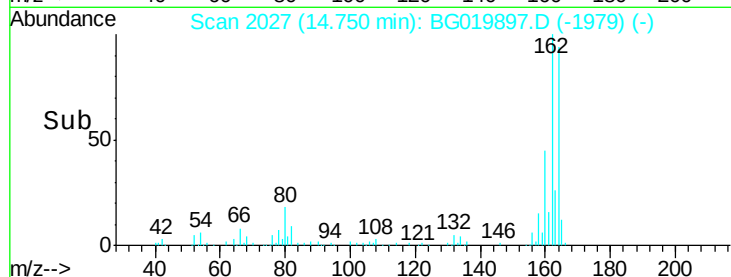
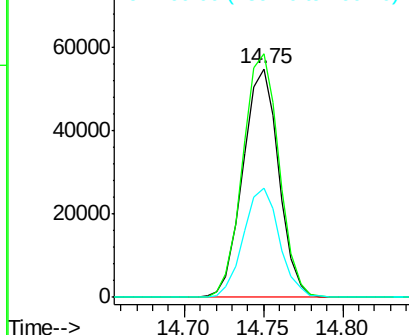
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019897.D
 Acq: 4 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.8	118.2
160	47.5	36.4	54.6

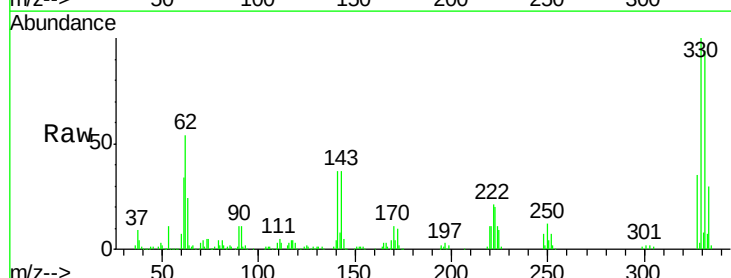


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

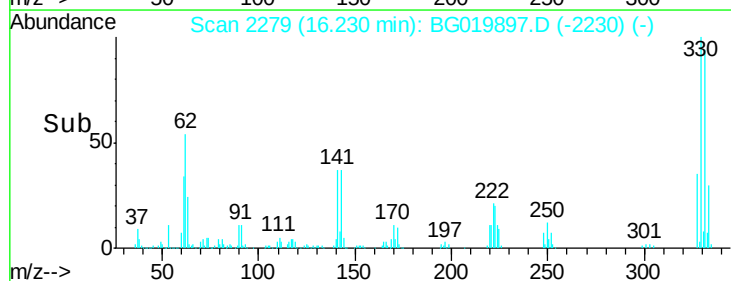
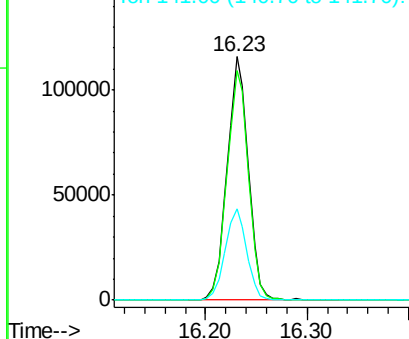


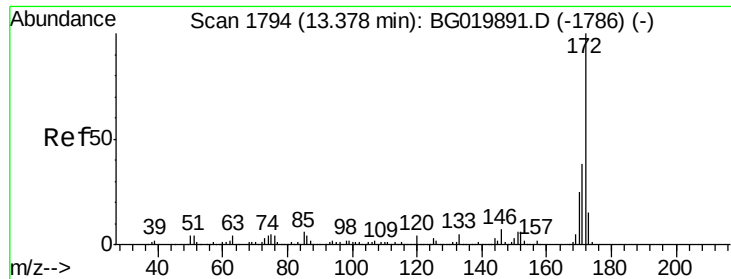
#41
 2,4,6-Tribromophenol
 Concen: 127.96 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG019897.D
 Acq: 4 Dec 2015 8:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.1	117.1
141	37.9	28.2	42.2



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

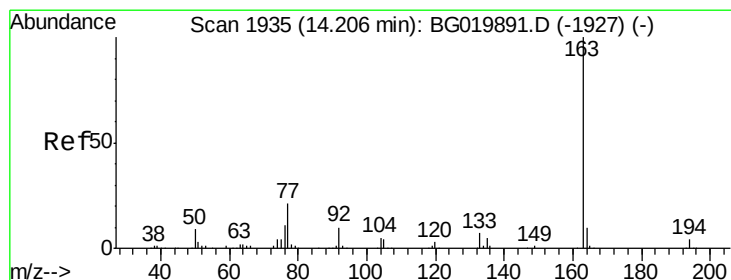
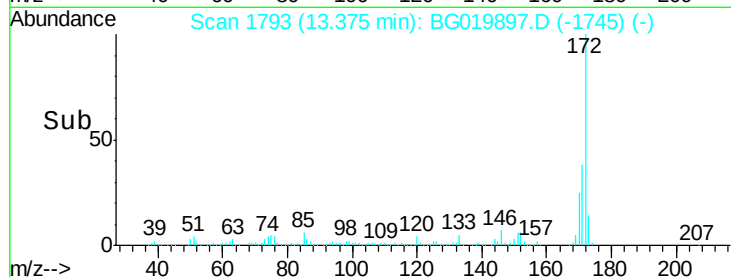
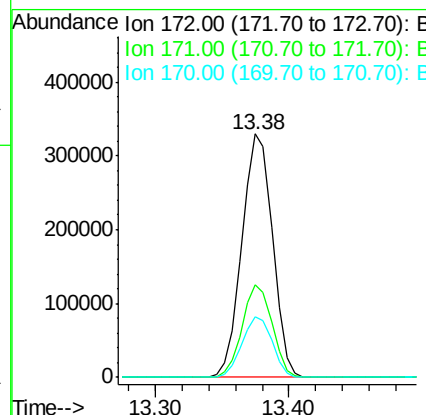
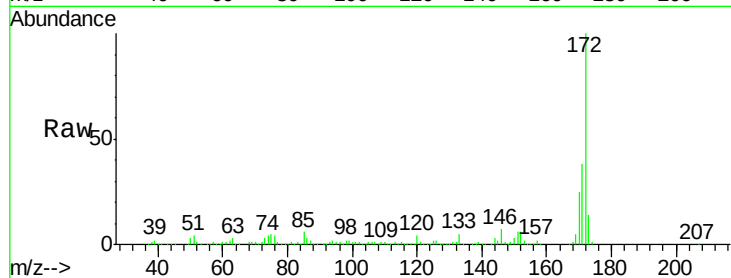




#44
2-Fluorobiphenyl
Concen: 82.78 ng
RT: 13.38 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019897.D
Acq: 4 Dec 2015 8:17

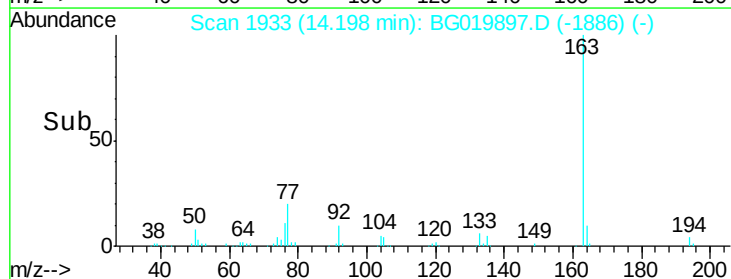
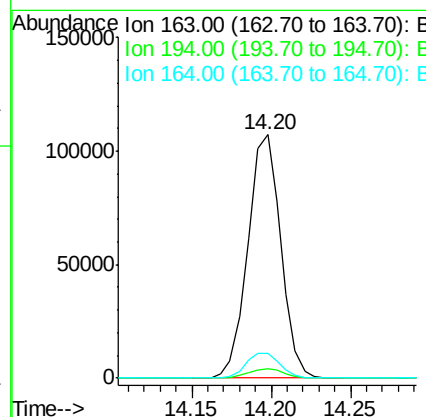
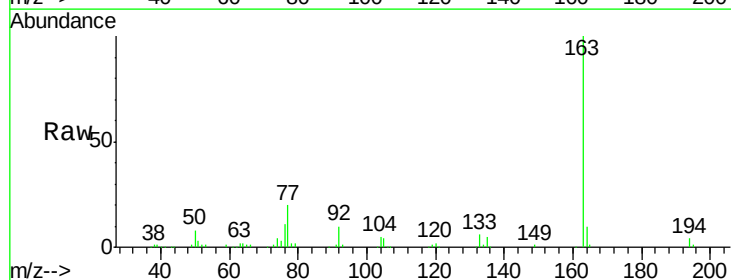
Instrument :
BNA_G
ClientSampleId :

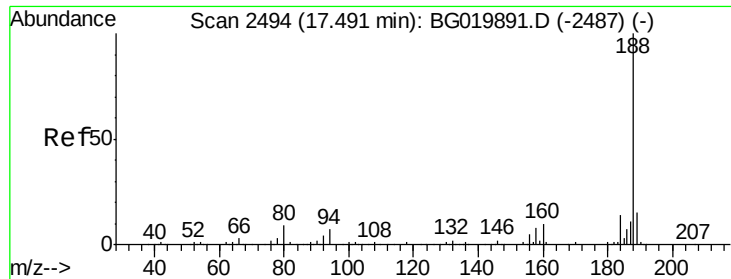
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.6
170	24.9	19.9	29.9



#49
Dimethylphthalate
Concen: 19.96 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019897.D
Acq: 4 Dec 2015 8:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.9	8.8	13.2

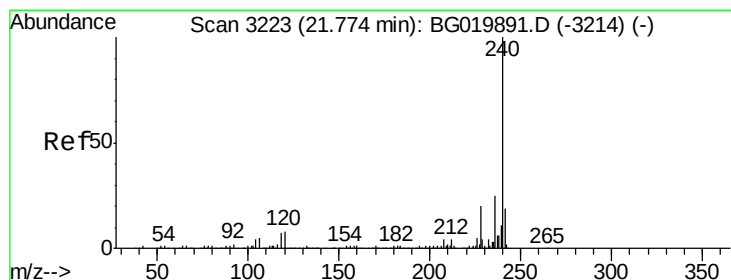
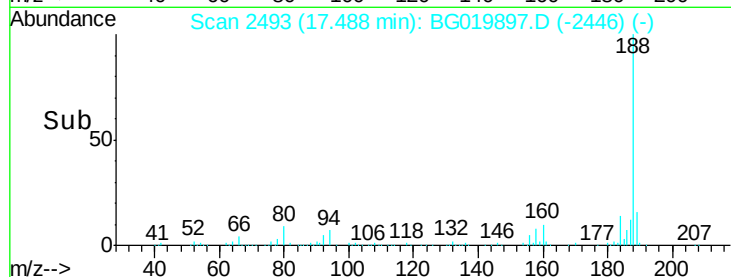
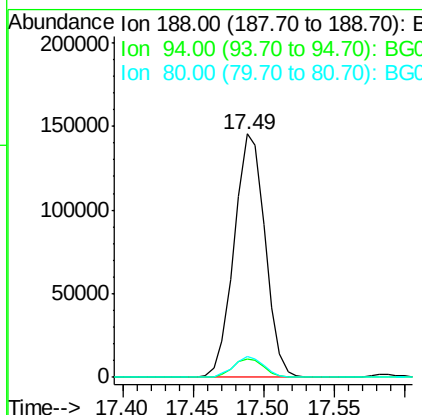
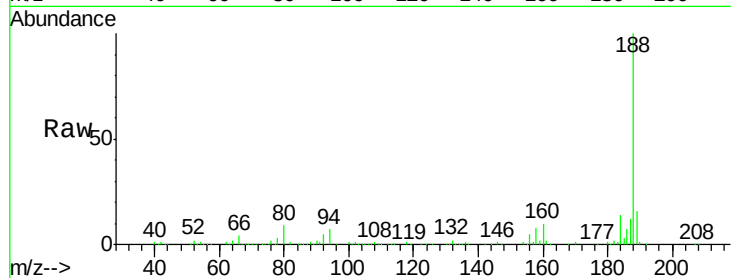




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019897.D
Acq: 4 Dec 2015 8:17

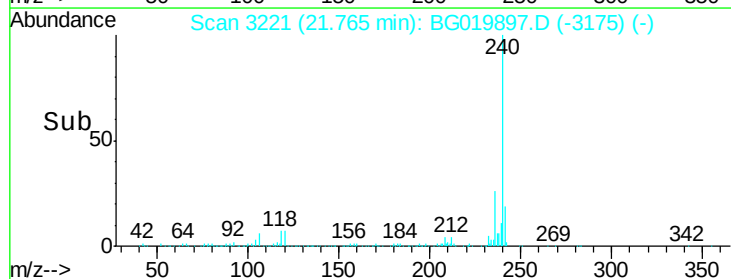
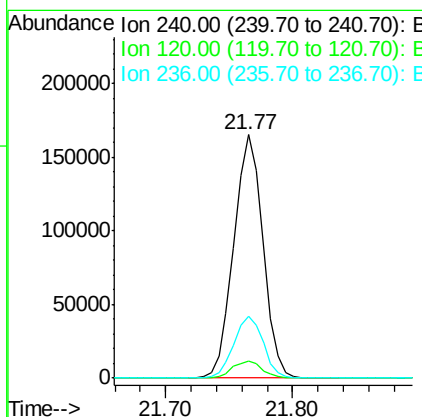
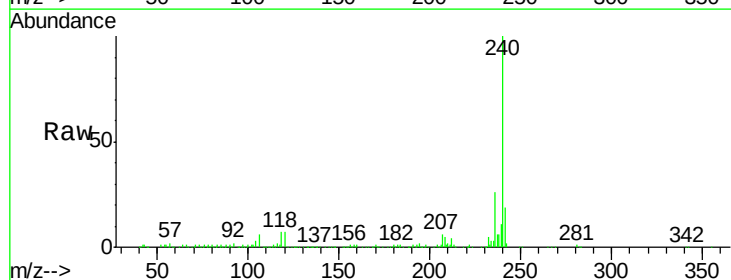
Instrument :
BNA_G
ClientSampleId :

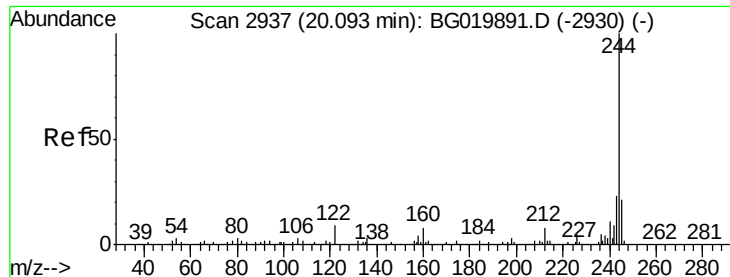
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	8.7	7.8	11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019897.D
Acq: 4 Dec 2015 8:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	7.4	11.0#
236	25.6	20.7	31.1





#78

Terphenyl-d14

Concen: 82.56 ng

RT: 20.10 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG019897.D

Acq: 4 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

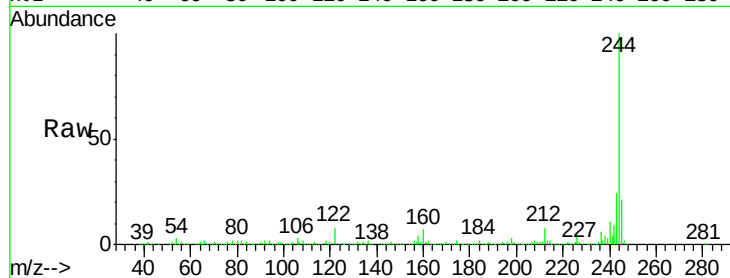
Tot Ion:244 Resp: 887530

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

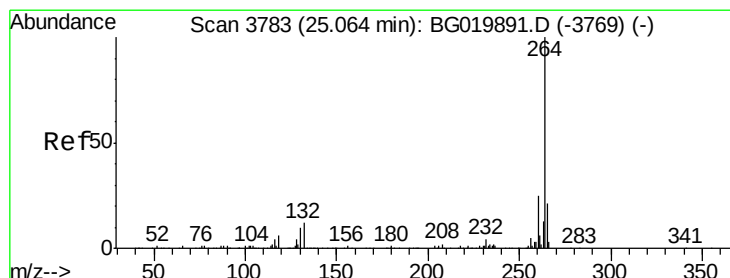
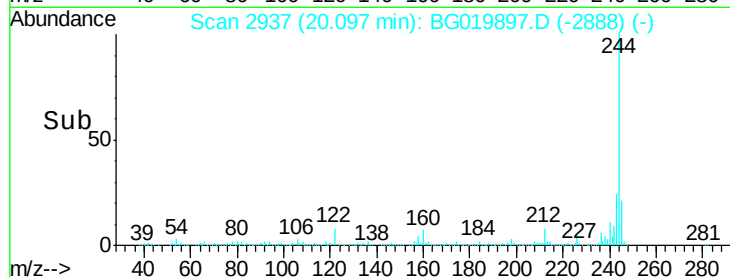
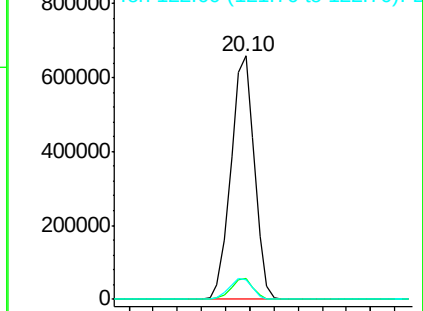
122 7.9 10.2 15.2#



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: 25.05 min Scan# 3780

Delta R.T. -0.04 min

Lab File: BG019897.D

Acq: 4 Dec 2015 8:17

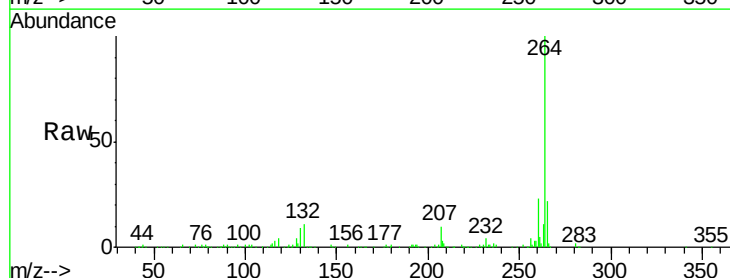
Tgt Ion:264 Resp: 251190

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.6 17.2 25.8



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

