

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031551.D
 Acq On : 14 Dec 2017 5:45
 Operator : SJ/JU
 Sample : I6817-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 07:17:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

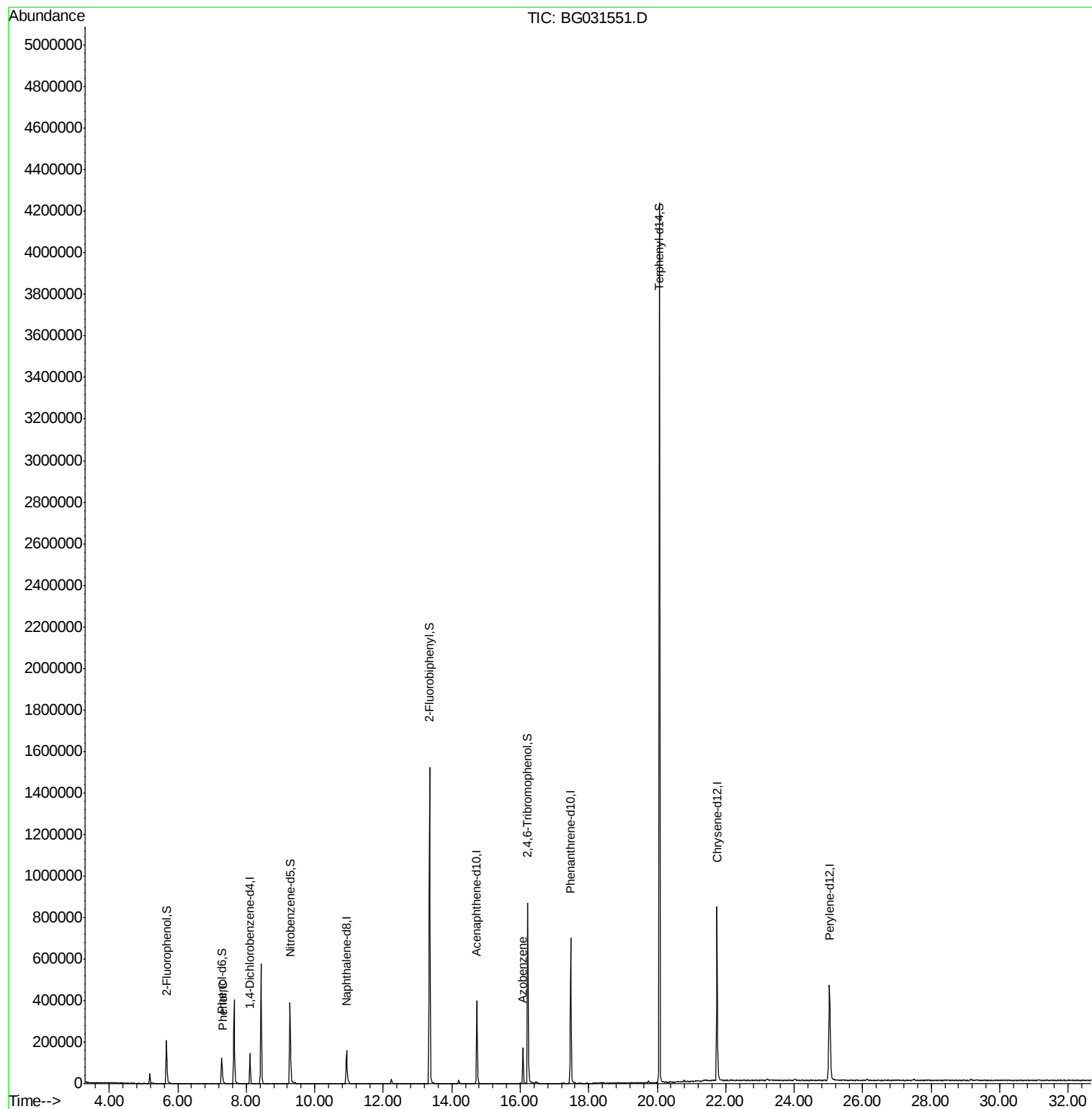
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	47337	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	197372	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	152958	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	481486	20.00	ng	0.00
75) Chrysene-d12	21.74	240	568979	20.00	ng	0.00
86) Perylene-d12	25.03	264	548680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	121752	45.59	ng	0.00
7) Phenol-d6	7.28	99	98739	26.63	ng	0.01
23) Nitrobenzene-d5	9.28	82	279334	87.23	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	196505	109.66	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	921983	88.48	ng	0.00
78) Terphenyl-d14	20.06	244	1933364	77.31	ng	0.00
Target Compounds						
10) Phenol	7.31	94	8636	2.268	ng	92
62) Azobenzene	16.08	77	54499	5.183	ng	# 1

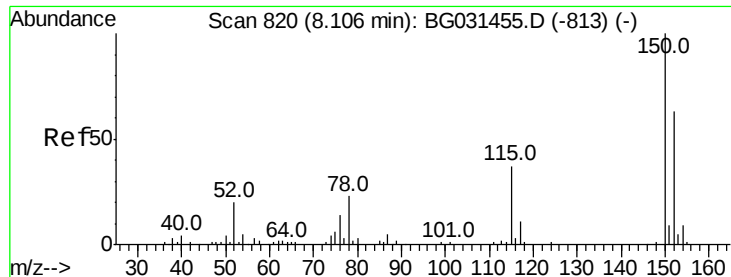
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031551.D
Acq On : 14 Dec 2017 5:45
Operator : SJ/JU
Sample : I6817-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 14 07:17:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration



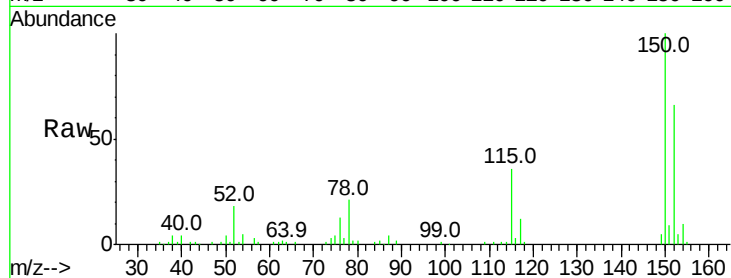


#1

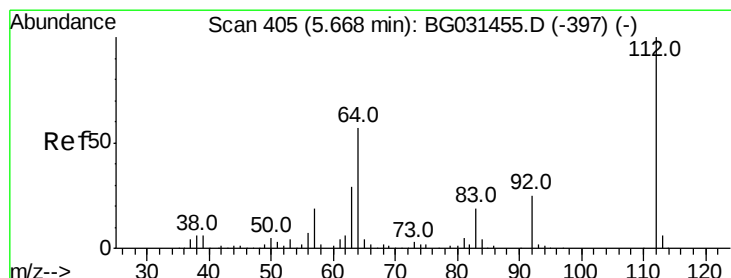
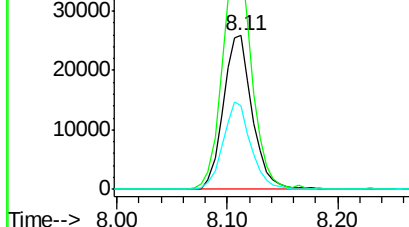
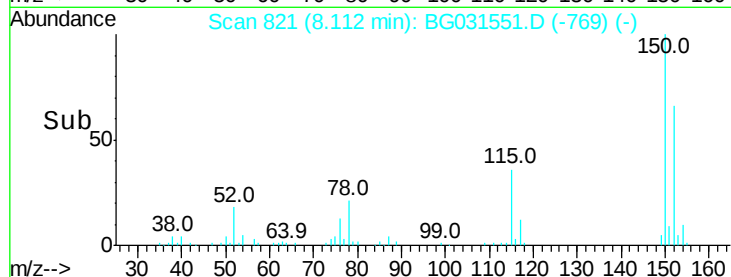
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG031551.D
Acq: 14 Dec 2017 5:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.6	189.8
115	54.5	53.0	79.4



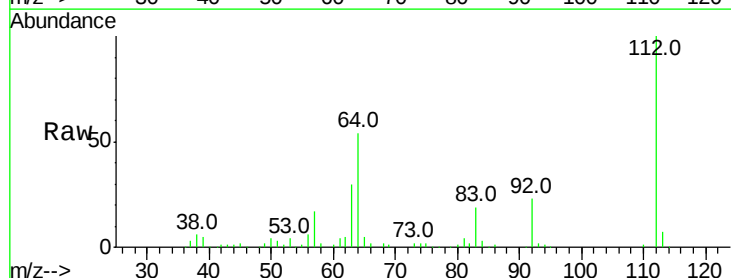
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



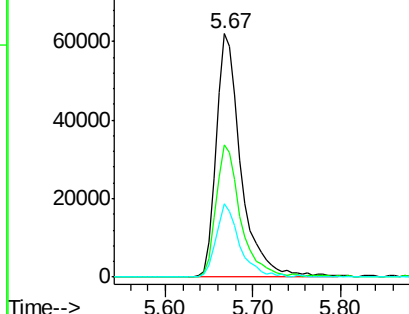
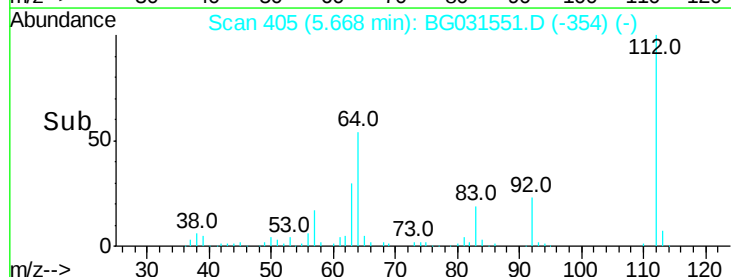
#5

2-Fluorophenol
Concen: 45.590 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031551.D
Acq: 14 Dec 2017 5:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	56.3	84.5#
63	30.1	30.1	45.1



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: 26.633 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031551.D

Acq: 14 Dec 2017 5:45

Instrument :

BNA_G

ClientSampled :

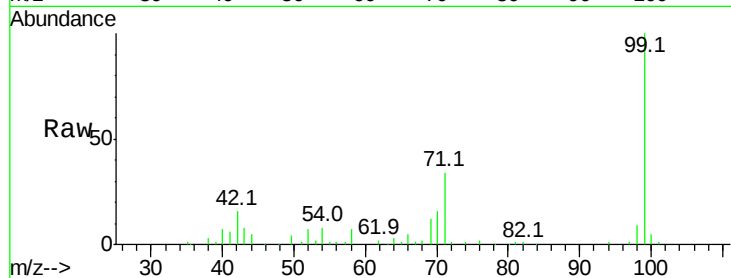
Tot Ion: 99 Resp: 98739

Ion Ratio Lower Upper

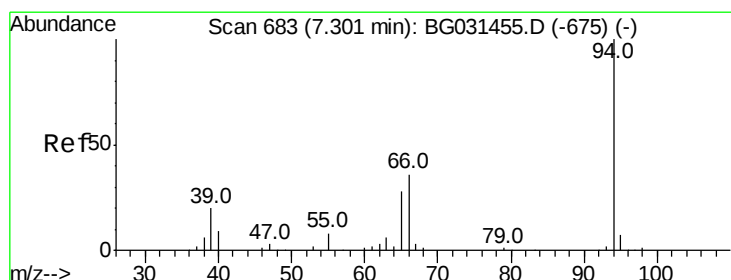
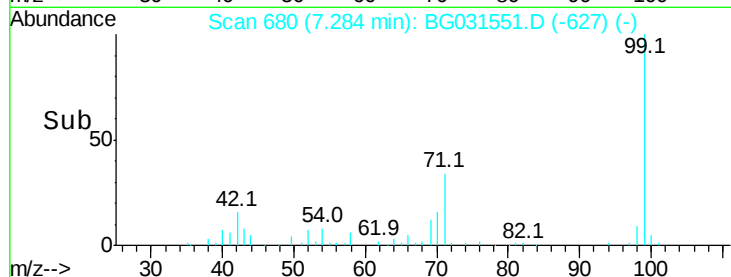
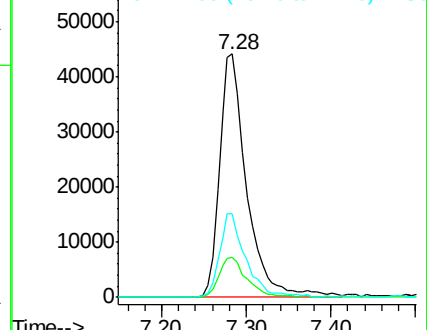
99 100

42 16.3 14.1 21.1

71 34.1 26.1 39.1



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: 2.268 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.01 min

Lab File: BG031551.D

Acq: 14 Dec 2017 5:45

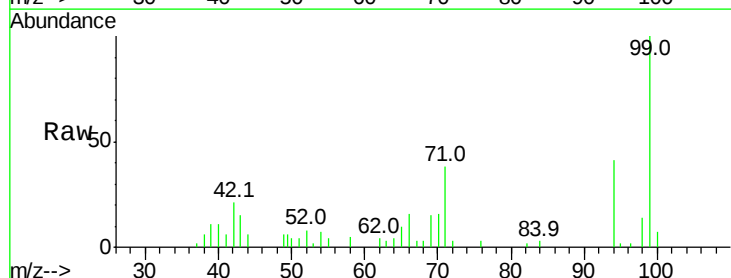
Tgt Ion: 94 Resp: 8636

Ion Ratio Lower Upper

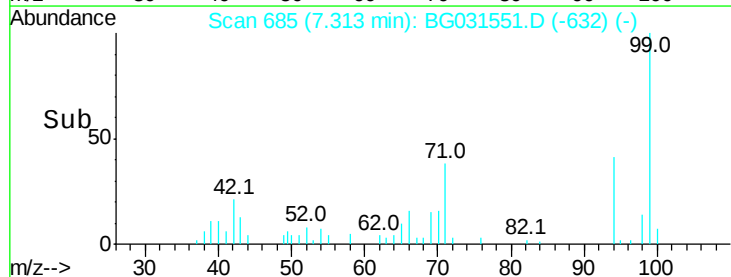
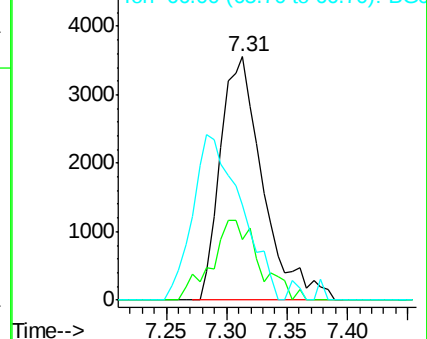
94 100

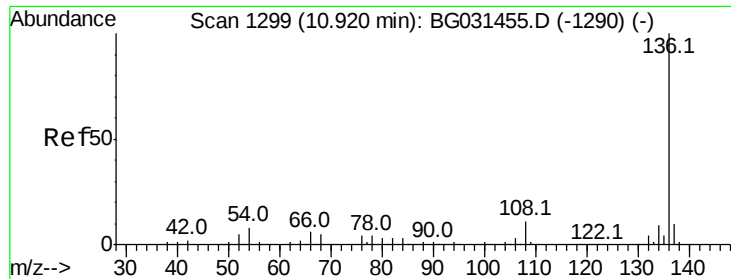
65 24.7 11.9 51.9

66 39.1 22.2 62.2



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

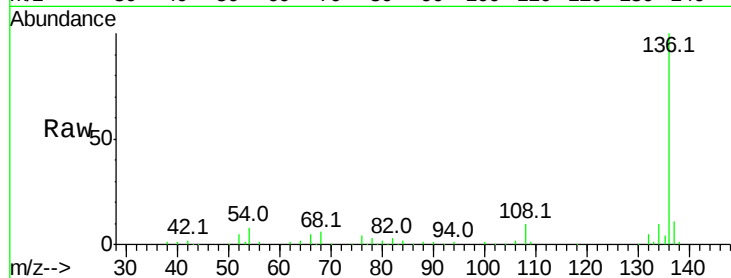




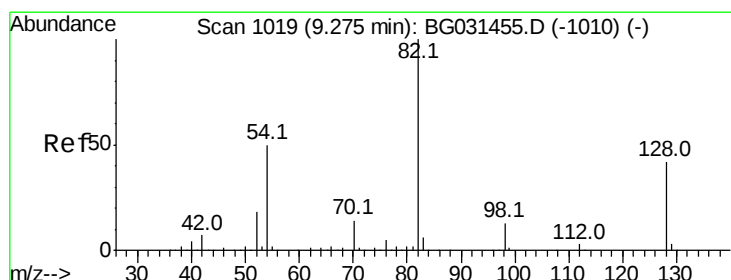
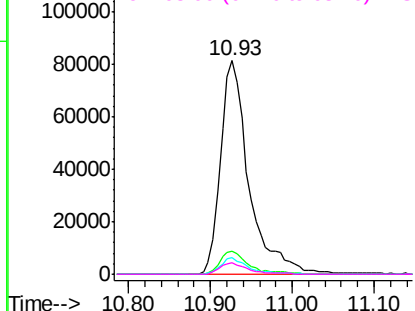
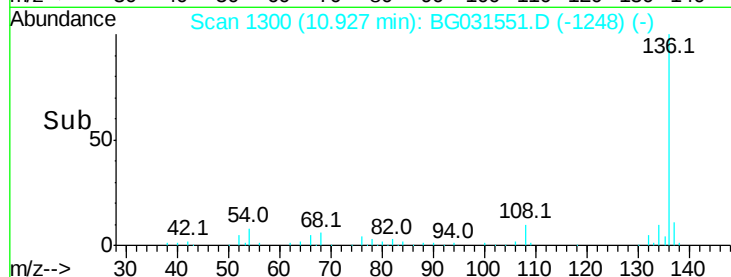
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG031551.D
Acq: 14 Dec 2017 5:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	197372
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.8	10.3	15.5#
68	5.6	4.5	6.7

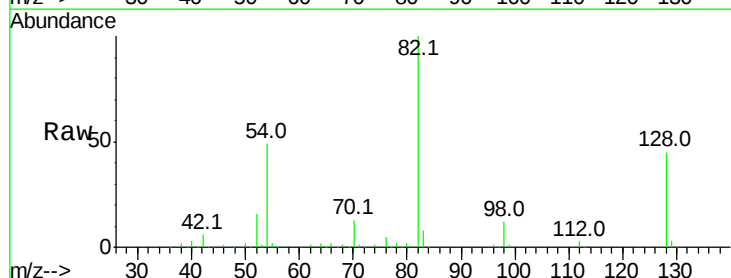


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

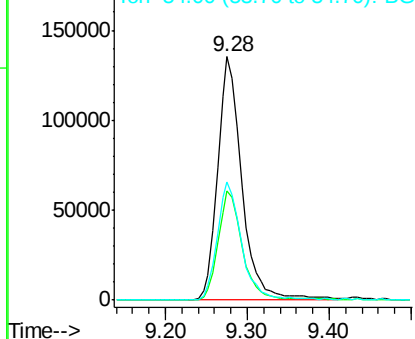
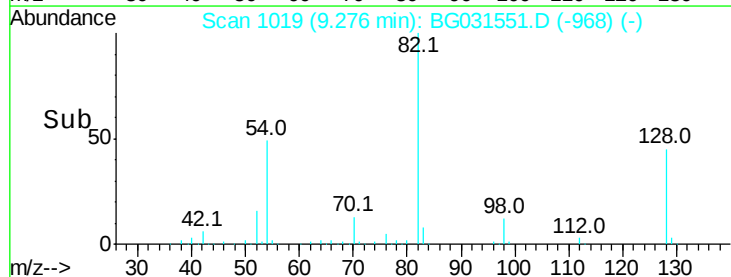


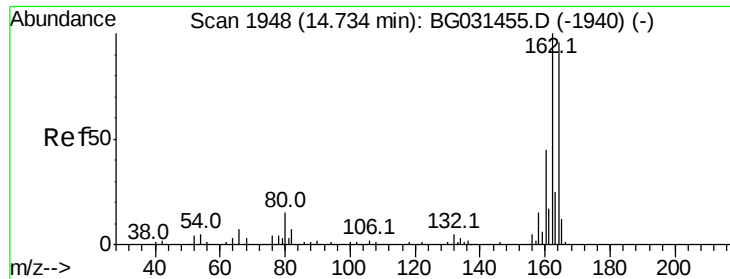
#23
Nitrobenzene-d5
Concen: 87.232 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031551.D
Acq: 14 Dec 2017 5:45

Tgt Ion:	82	Resp:	279334
Ion	Ratio	Lower	Upper
82	100		
128	44.9	29.7	44.5#
54	48.5	43.1	64.7



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

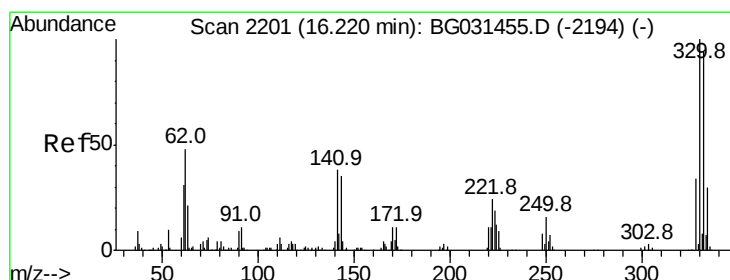
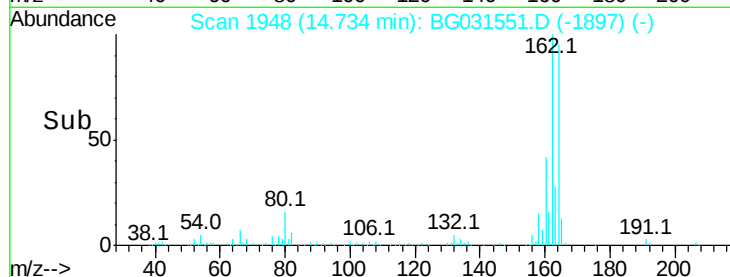
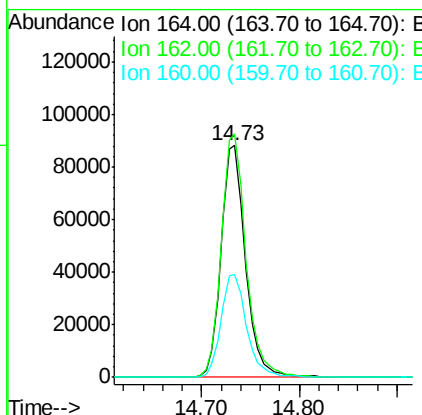
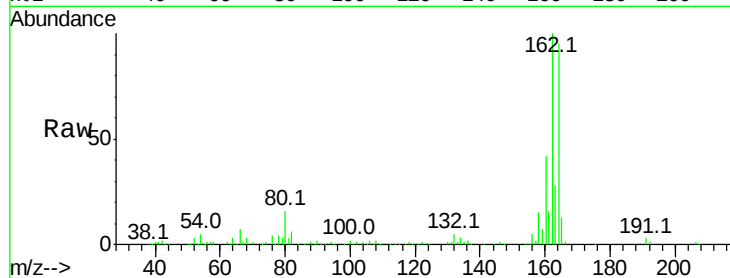




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG031551.D
Acq: 14 Dec 2017 5:45

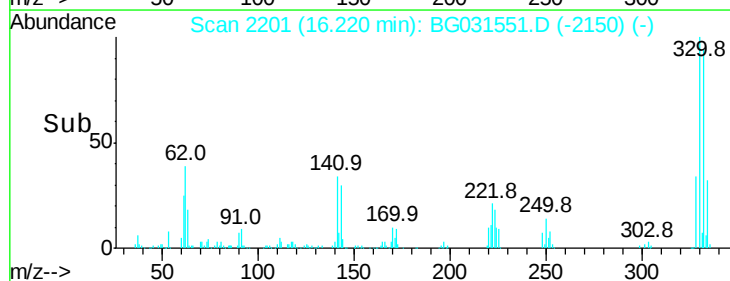
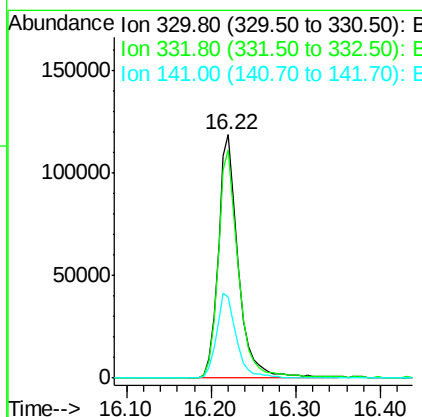
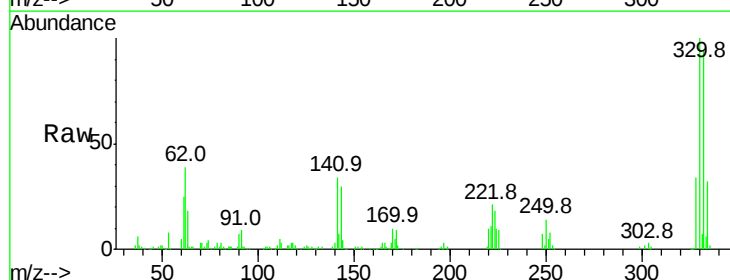
Instrument :
BNA_G
ClientSampleId :

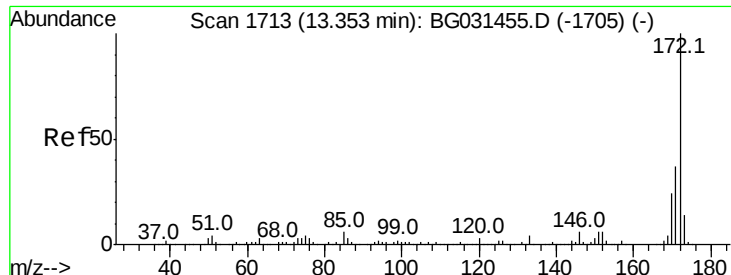
Tot Ion:164 Resp: 152958
Ion Ratio Lower Upper
164 100
162 105.0 78.8 118.2
160 44.5 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 109.659 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG031551.D
Acq: 14 Dec 2017 5:45

Tgt Ion:330 Resp: 196505
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 34.8 25.2 37.8

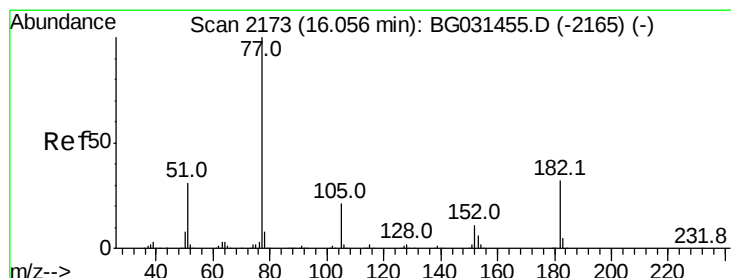
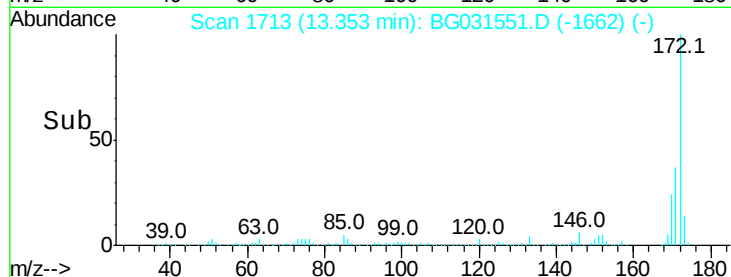
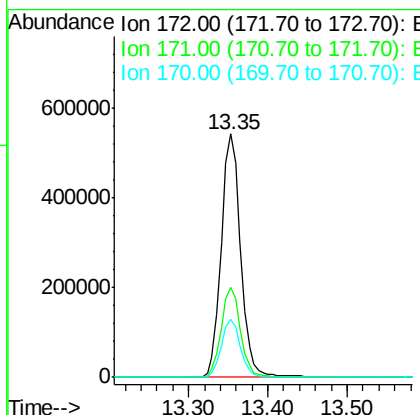
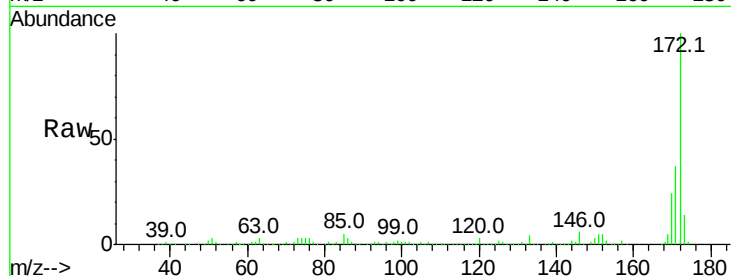




#44
2-Fluorobiphenyl
Concen: 88.479 ng
RT: 13.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG031551.D
Acq: 14 Dec 2017 5:45

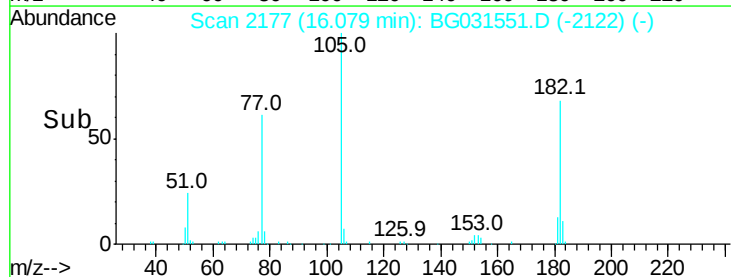
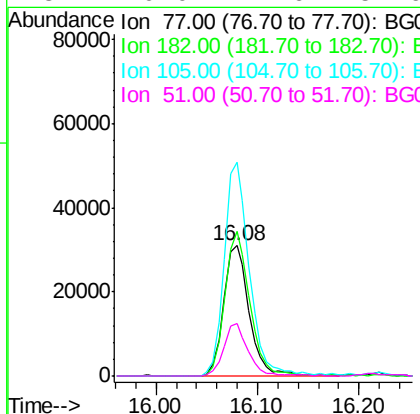
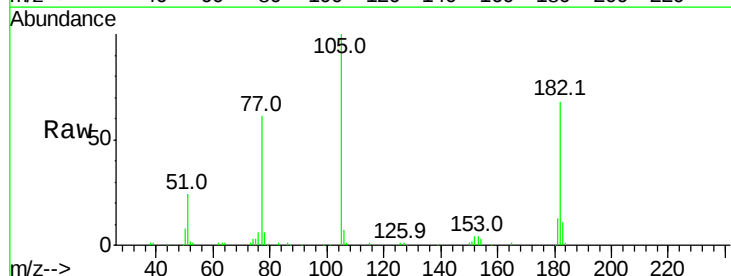
Instrument :
BNA_G
ClientSampleId :

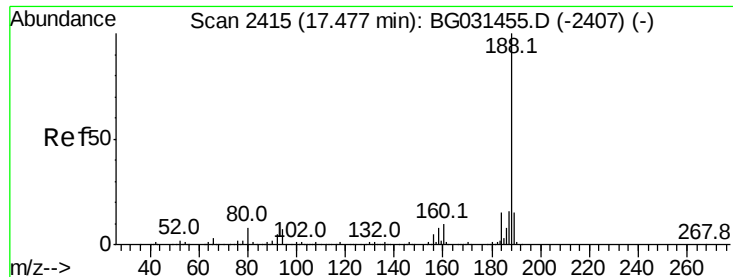
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.7	19.5	29.3



#62
Azobenzene
Concen: 5.183 ng
RT: 16.08 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BG031551.D
Acq: 14 Dec 2017 5:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	110.7	7.4	47.4#
105	163.7	0.3	40.3#
51	40.0	11.6	51.6

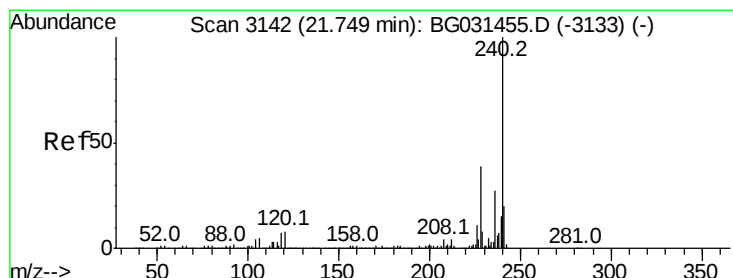
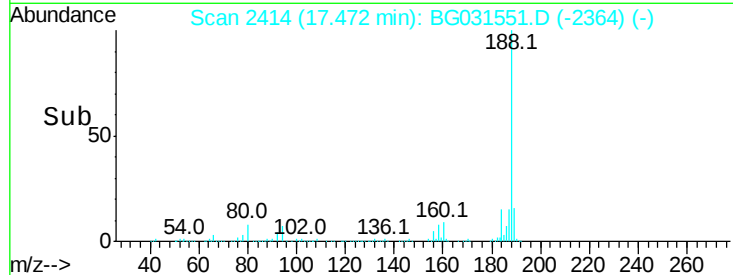
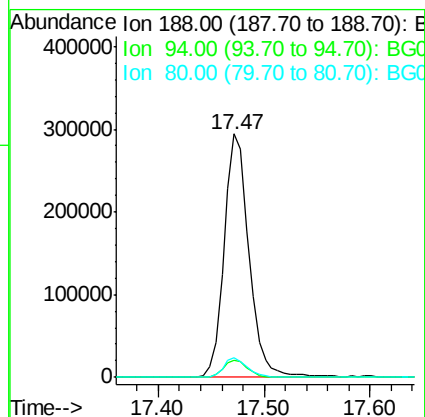
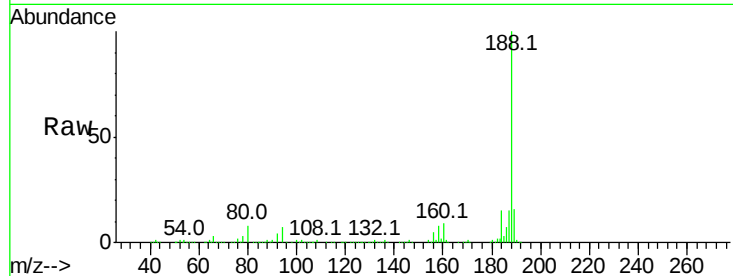




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031551.D
Acq: 14 Dec 2017 5:45

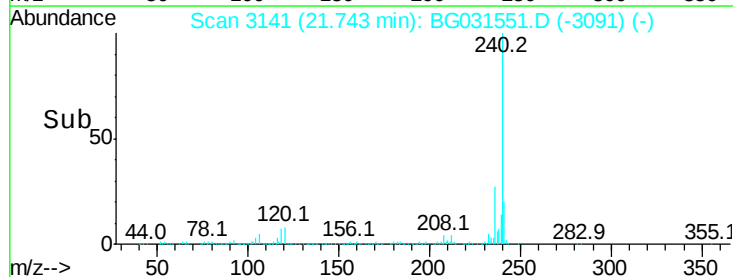
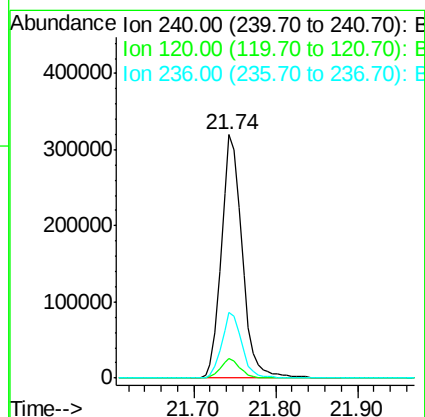
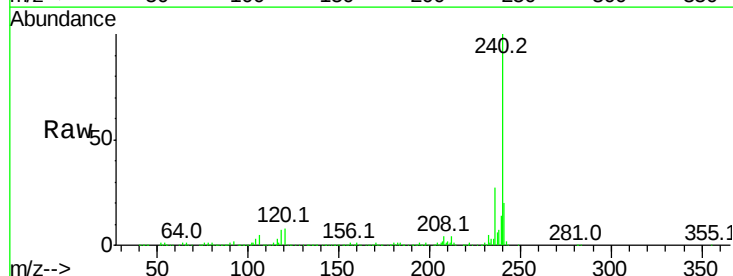
Instrument :
BNA_G
ClientSampleId :

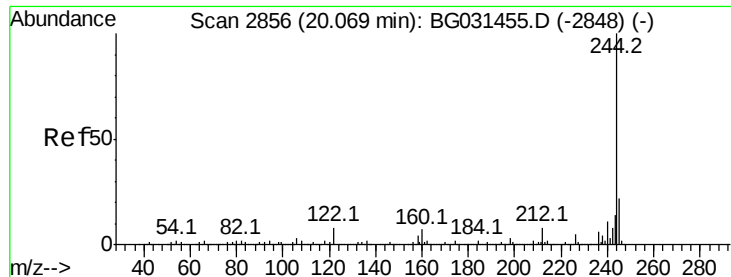
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	8.3	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031551.D
Acq: 14 Dec 2017 5:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.8	10.2
236	26.8	20.9	31.3





#78

Terphenyl-d14

Concen: 77.309 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031551.D

Acq: 14 Dec 2017 5:45

Instrument :

BNA_G

ClientSampleId :

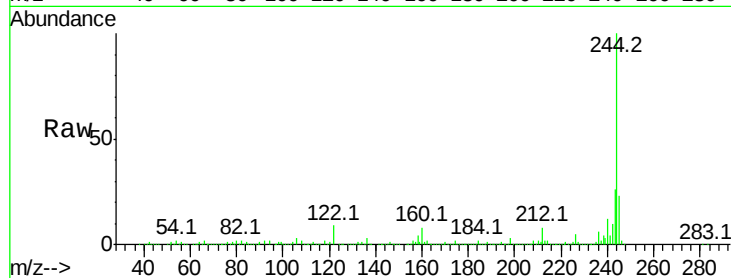
Tot Ion:244 Resp: 1933364

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

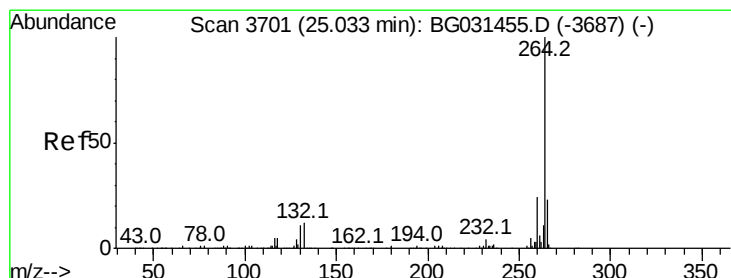
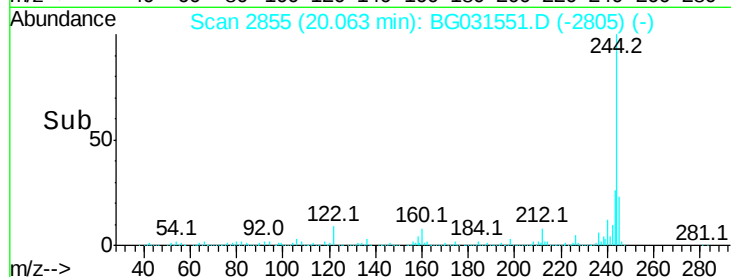
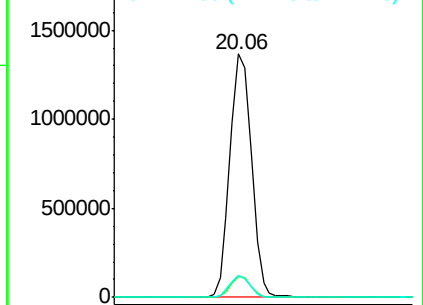
122 9.0 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031551.D

Acq: 14 Dec 2017 5:45

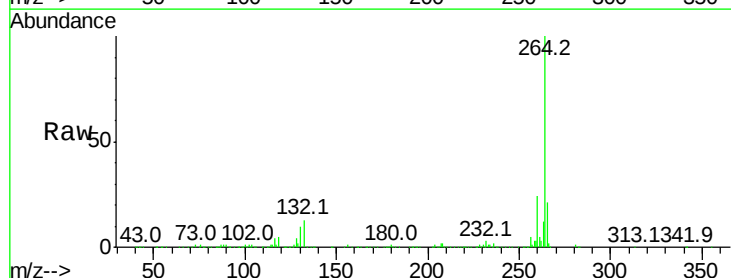
Tgt Ion:264 Resp: 548680

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.4 17.7 26.5



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

