

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032168.D
 Acq On : 20 Jan 2018 1:22
 Operator : SJ/JU
 Sample : J1202-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLLOFF-1-5

Quant Time: Jan 20 05:55:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

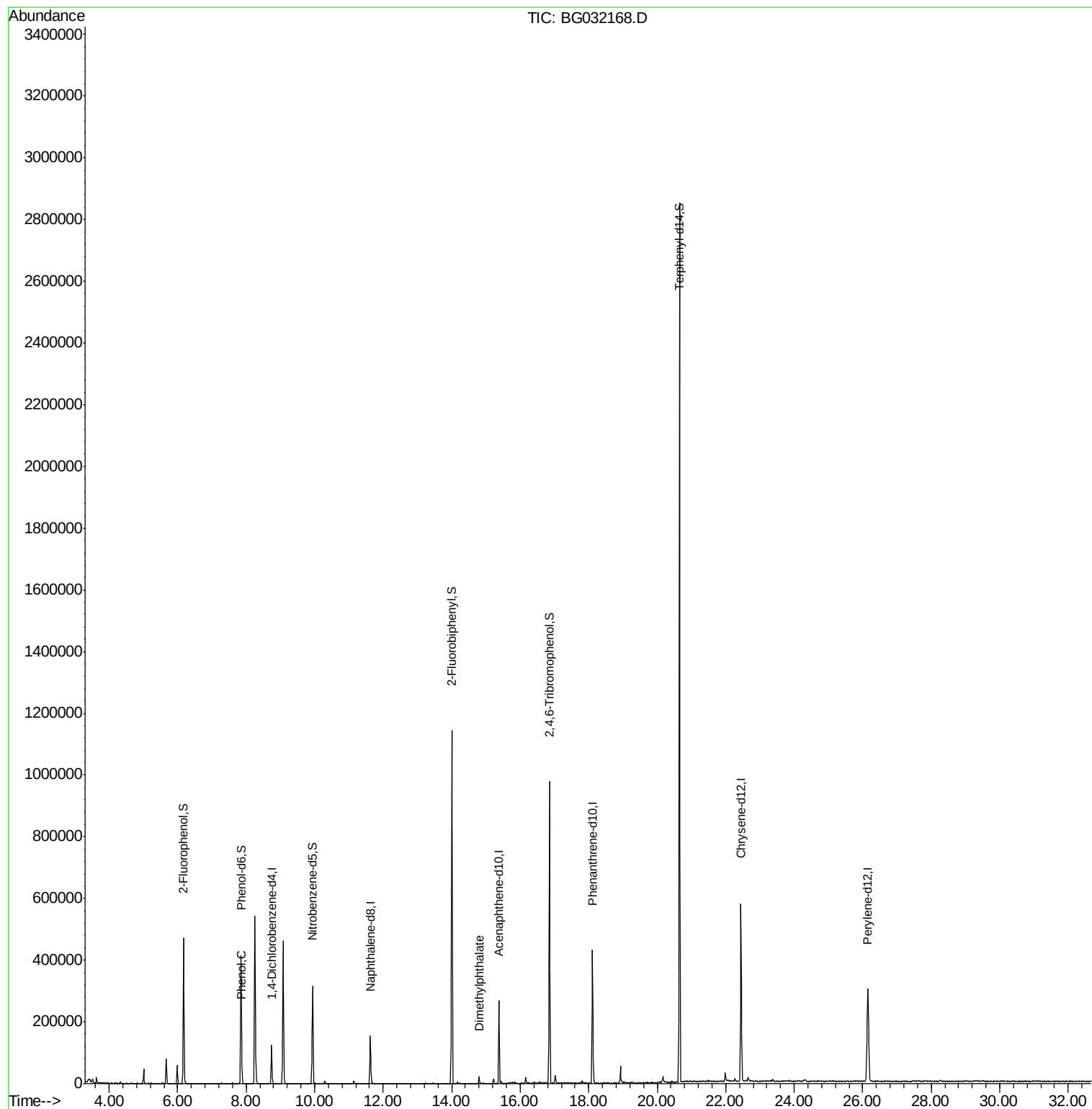
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	42472	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	159230	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	103760	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	290944	20.00	ng	0.00
75) Chrysene-d12	22.45	240	422787	20.00	ng	0.00
86) Perylene-d12	26.15	264	424228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	238363	102.64	ng	0.00
7) Phenol-d6	7.85	99	255337	87.30	ng	0.00
23) Nitrobenzene-d5	9.94	82	203905	86.64	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	228672	133.18	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	667873	79.81	ng	0.00
78) Terphenyl-d14	20.65	244	1552963	81.10	ng	0.00
Target Compounds						
10) Phenol	7.87	94	6508	2.259	ng	Qvalue # 70
49) Dimethylphthalate	14.80	163	18449	2.032	ng	# 97

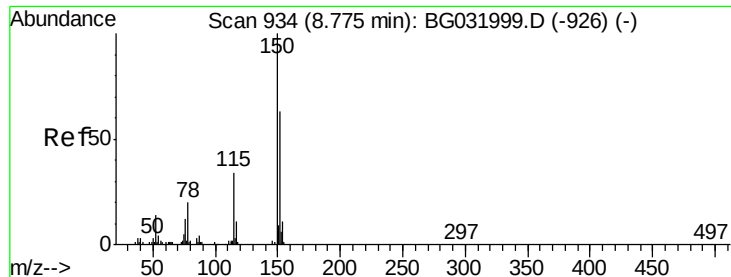
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

Instrument :

BNA_G

ClientSampleId :

ROLLOFF-1-5

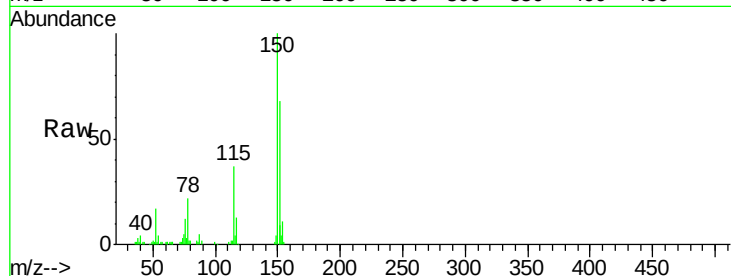
Tot Ion:152 Resp: 42472

Ion Ratio Lower Upper

152 100

150 147.3 126.6 189.8

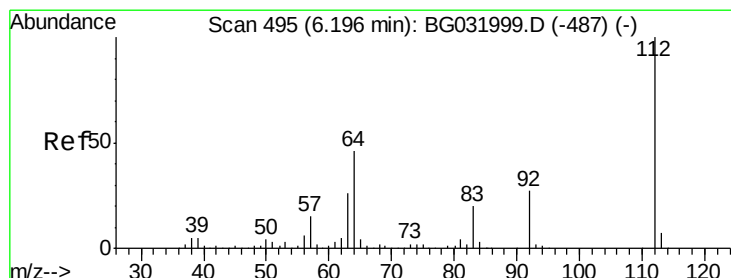
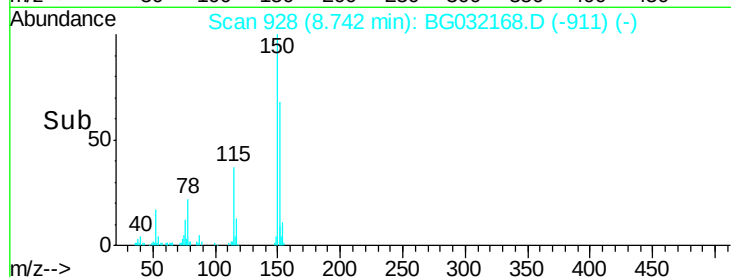
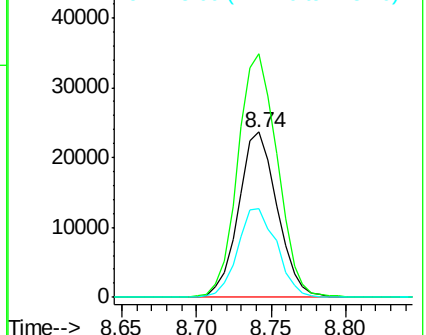
115 53.9 53.0 79.4



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: 102.644 ng

RT: 6.17 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

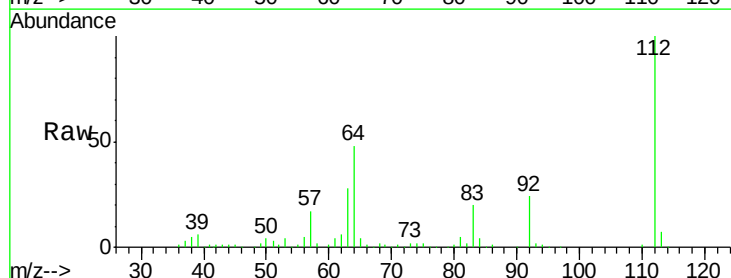
Tgt Ion:112 Resp: 238363

Ion Ratio Lower Upper

112 100

64 48.1 56.3 84.5#

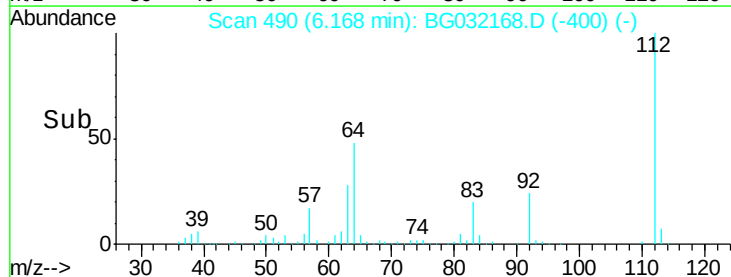
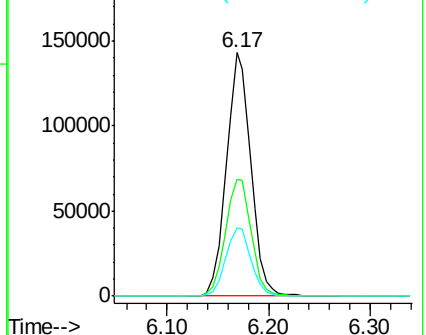
63 28.2 30.1 45.1#

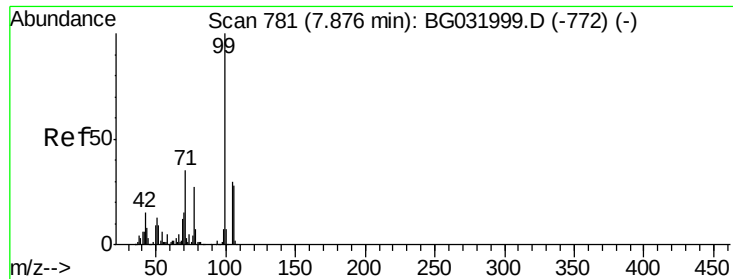


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 87.304 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

Instrument :

BNA_G

ClientSampleId :

ROLLOFF-1-5

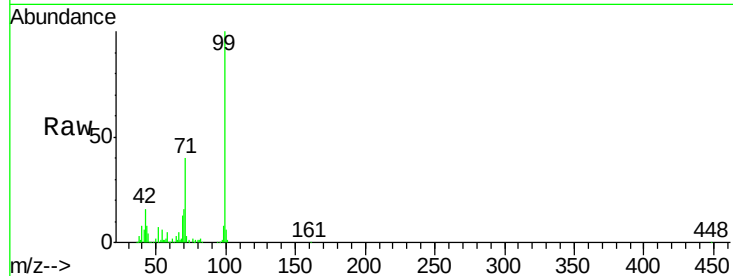
Tot Ion: 99 Resp: 255337

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

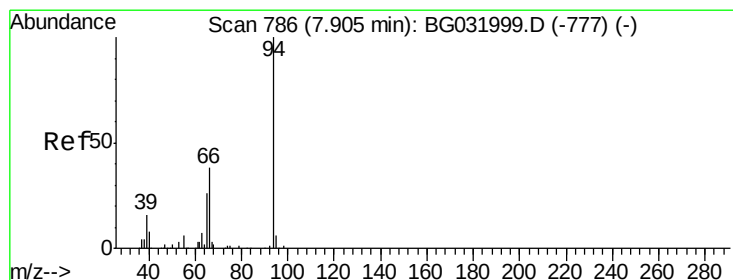
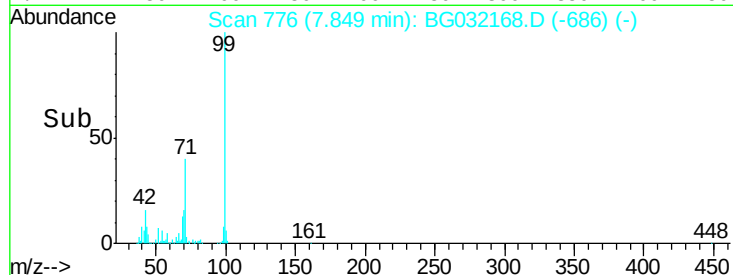
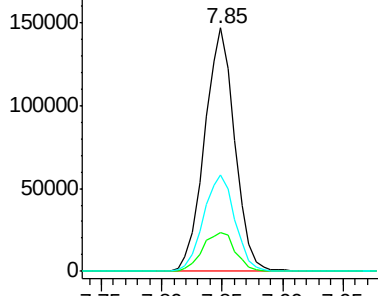
71 39.6 26.1 39.1#



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: 2.259 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

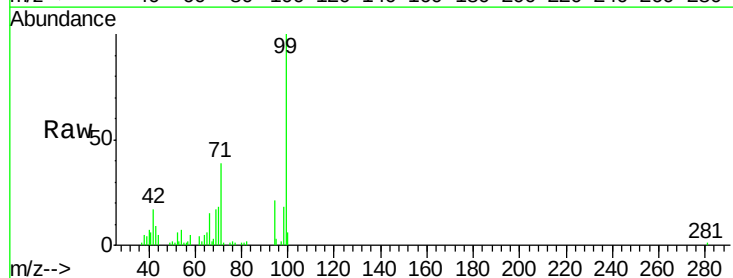
Tgt Ion: 94 Resp: 6508

Ion Ratio Lower Upper

94 100

65 25.9 11.9 51.9

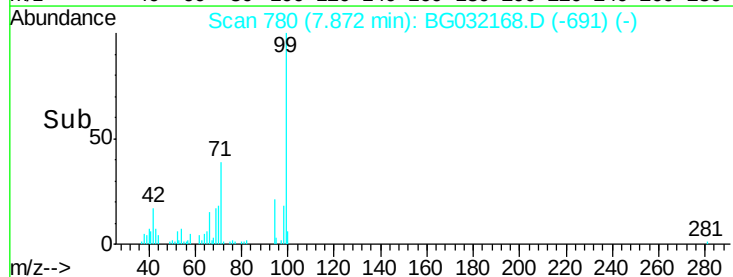
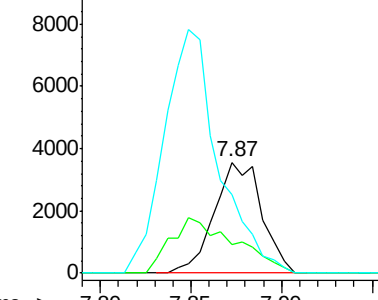
66 70.2 22.2 62.2#

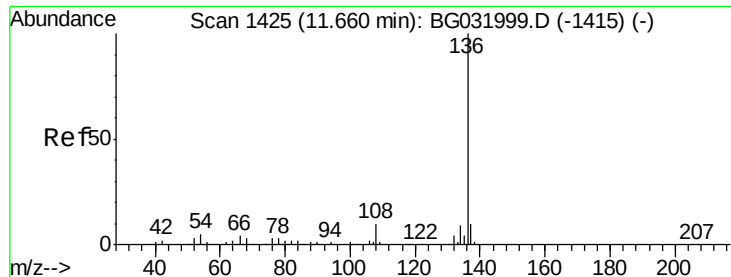


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

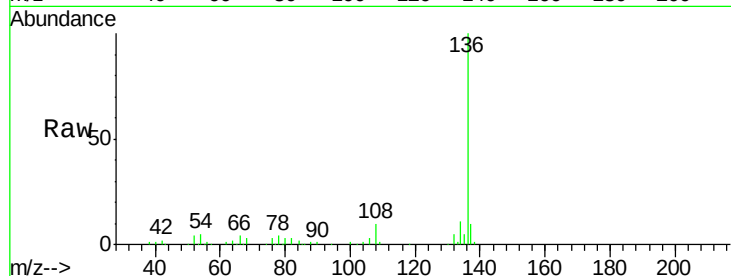




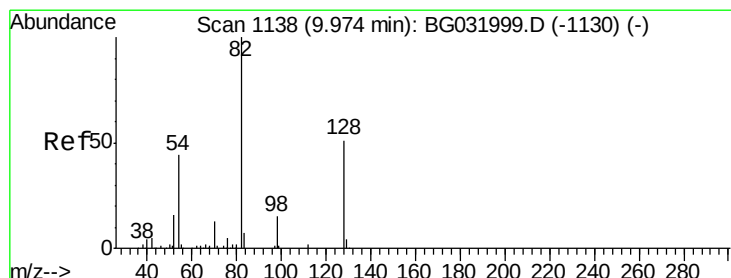
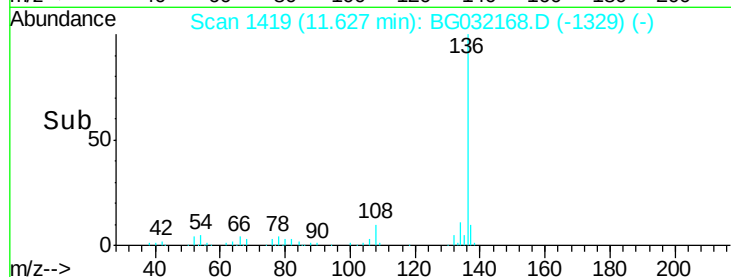
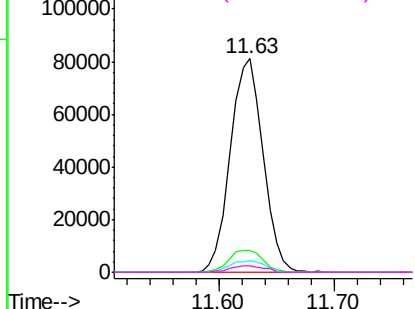
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-1-5

Tot Ion:136	Resp:	159230
Ion	Ratio	Lower Upper
136	100	
137	10.2	9.2 13.8
54	5.3	10.3 15.5#
68	3.3	4.5 6.7#

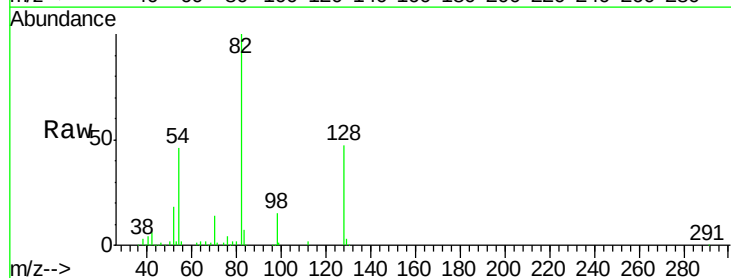


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

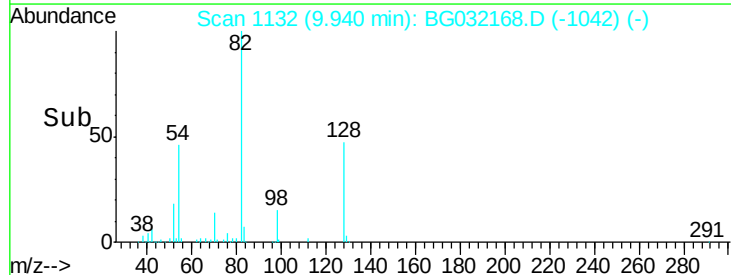
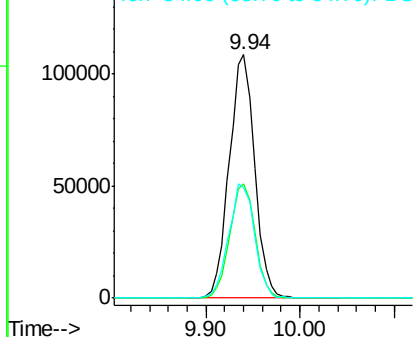


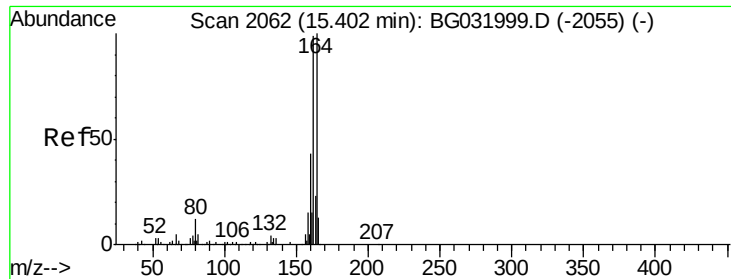
#23
Nitrobenzene-d5
Concen: 86.636 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

Tgt Ion: 82	Resp:	203905
Ion	Ratio	Lower Upper
82	100	
128	46.7	29.7 44.5#
54	45.5	43.1 64.7



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: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

Instrument :

BNA_G

ClientSampleId :

ROLLOFF-1-5

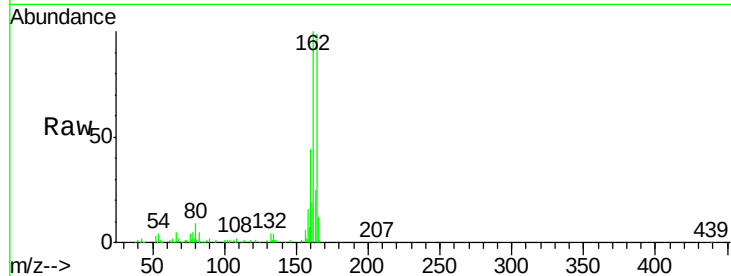
Tot Ion:164 Resp: 103760

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

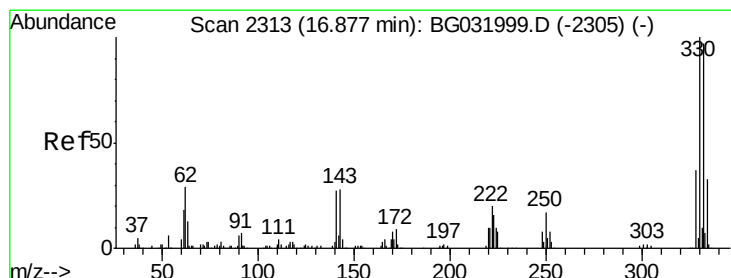
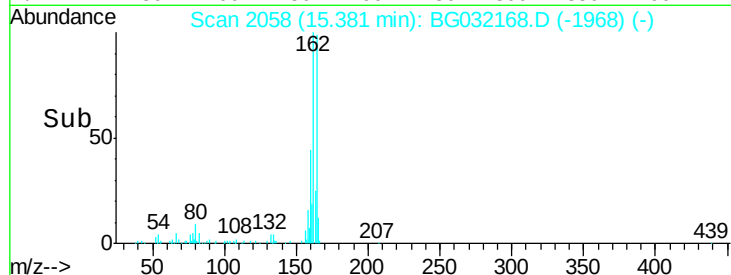
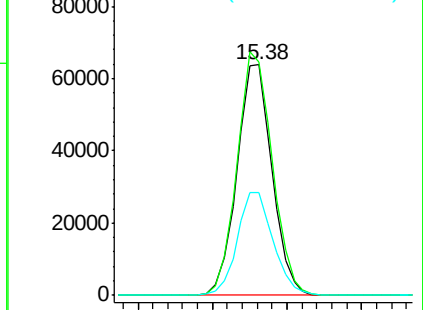
160 44.5 35.4 53.0



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: 133.182 ng

RT: 16.86 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

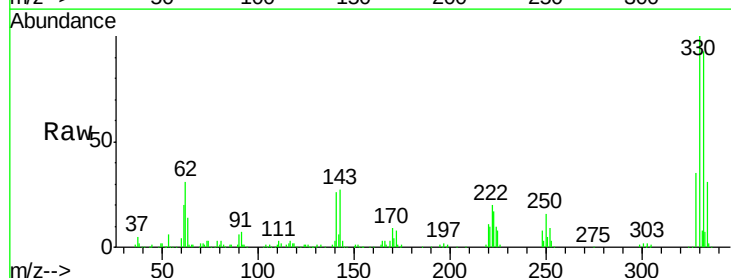
Tgt Ion:330 Resp: 228672

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

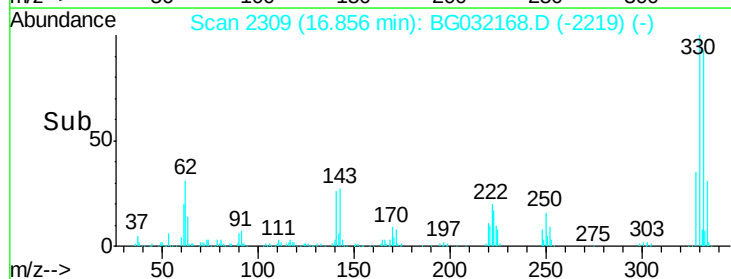
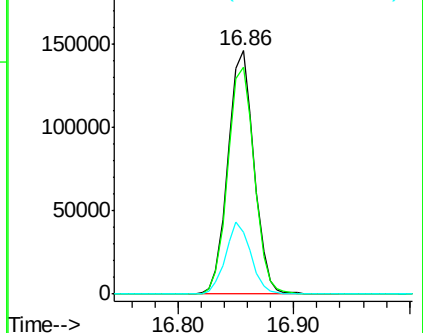
141 28.7 25.2 37.8

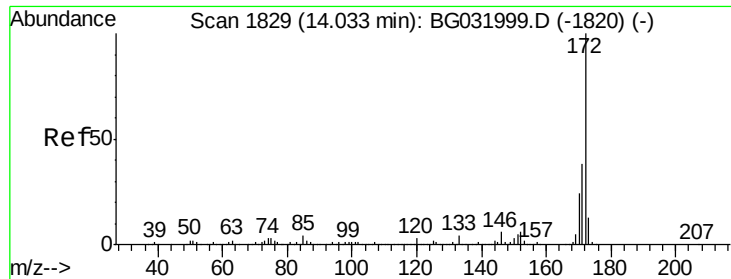


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

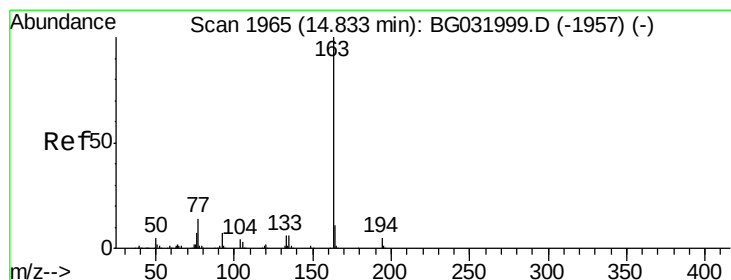
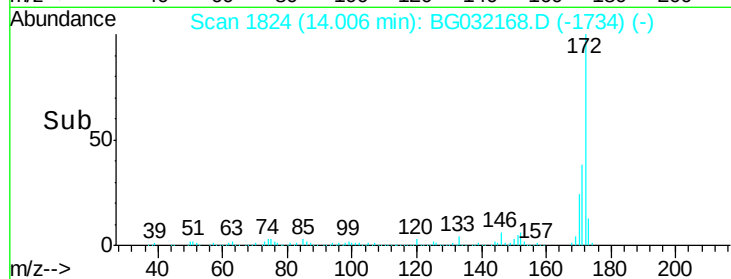
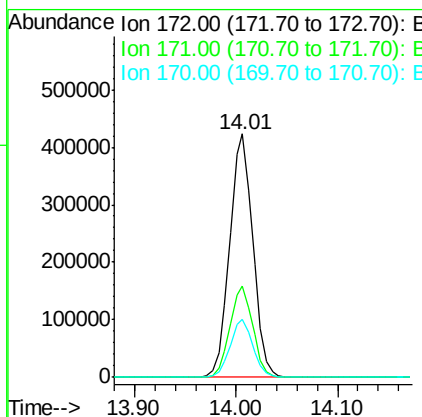
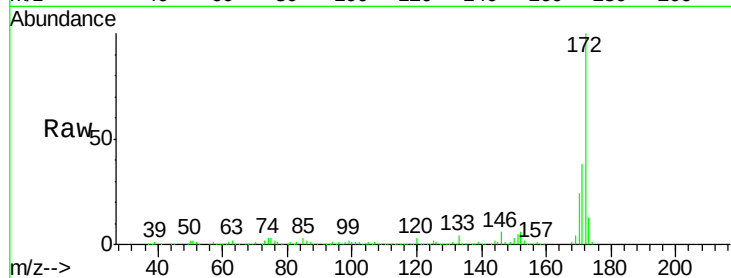




#44
2-Fluorobiphenyl
Concen: 79.812 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

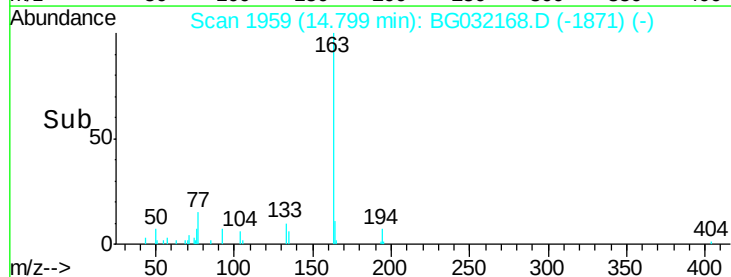
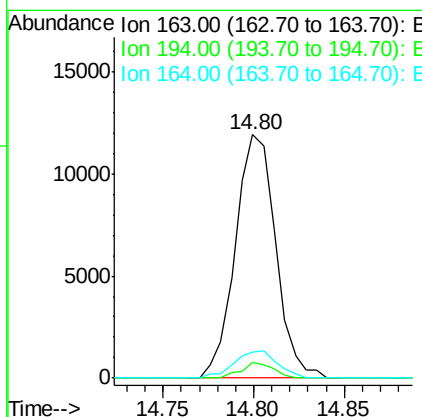
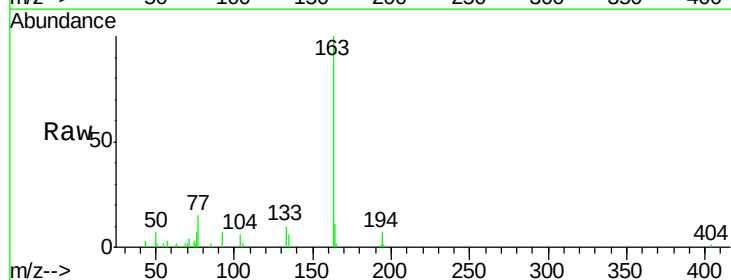
Instrument :
BNA_G
ClientSampleId :
ROLLOFF-1-5

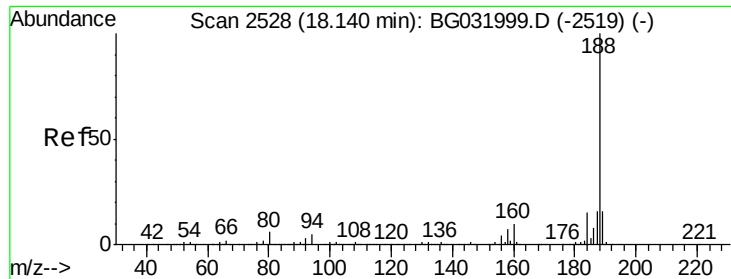
Tot Ion:172 Resp: 667873
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 23.8 19.5 29.3



#49
Dimethylphthalate
Concen: 2.032 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

Tgt Ion:163 Resp: 18449
Ion Ratio Lower Upper
163 100
194 6.5 3.4 5.2#
164 10.9 8.2 12.4

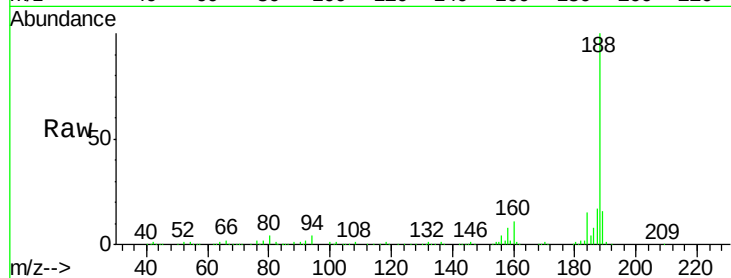




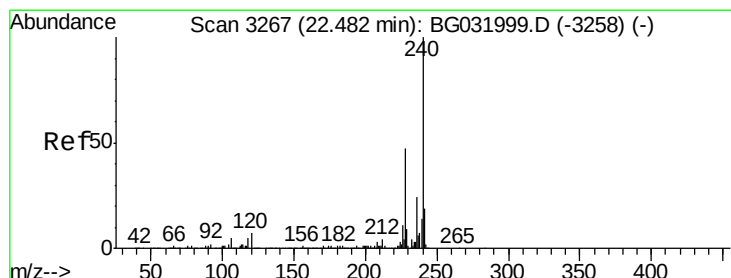
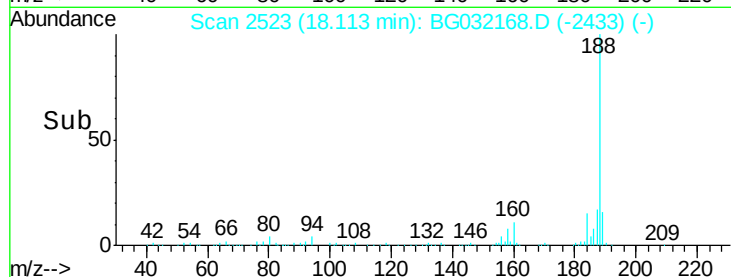
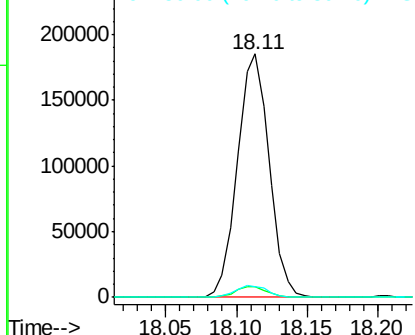
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

Instrument :
BNA_G
ClientSampleId :
ROLLOFF-1-5

Tot Ion	Ratio	Lower	Upper
188	100		
94	4.4	6.9	10.3#
80	4.4	7.7	11.5#

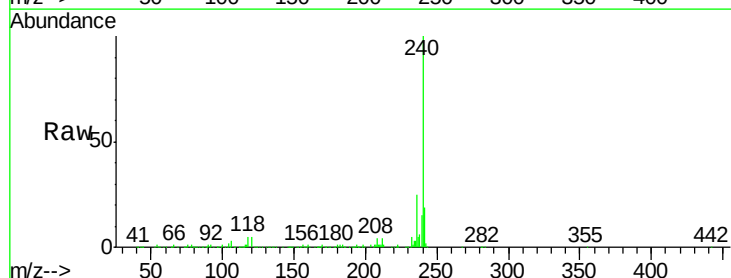


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

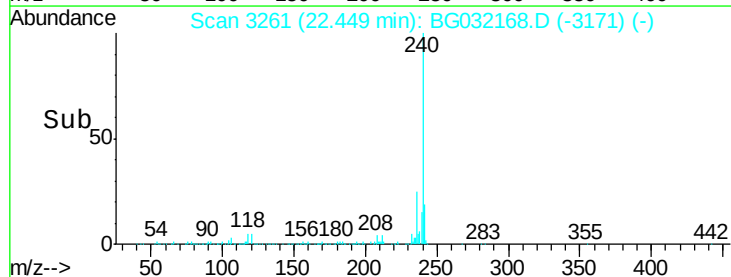
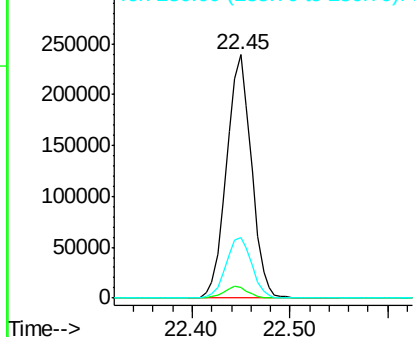


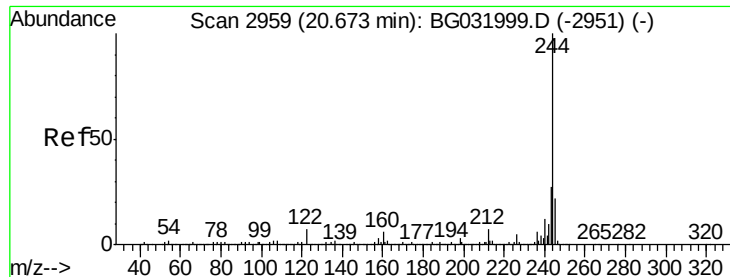
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BG032168.D
Acq: 20 Jan 2018 1:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	25.0	20.9	31.3



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: 81.105 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

Instrument :

BNA_G

ClientSampleId :

ROLLOFF-1-5

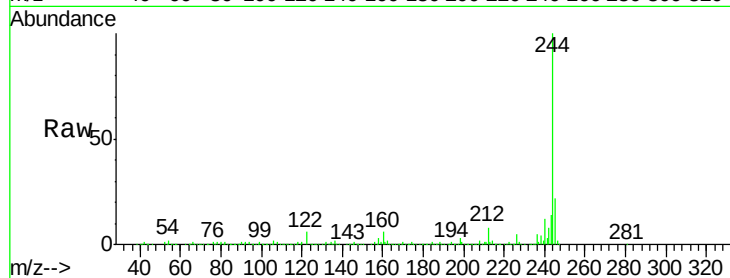
Tot Ion:244 Resp: 1552963

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.7	7.0	10.4

244 100

212 7.9 5.8 8.8

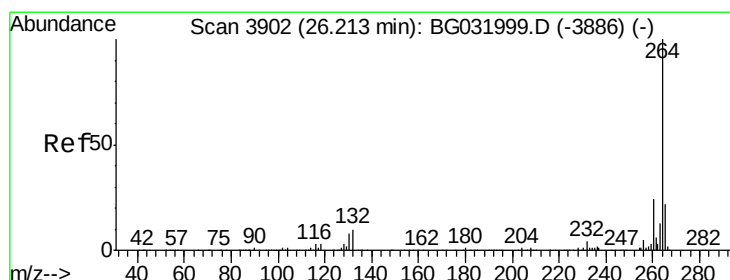
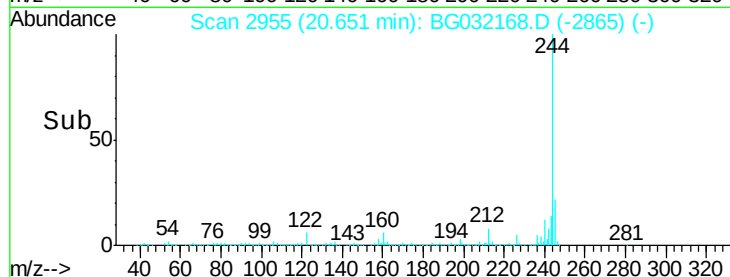
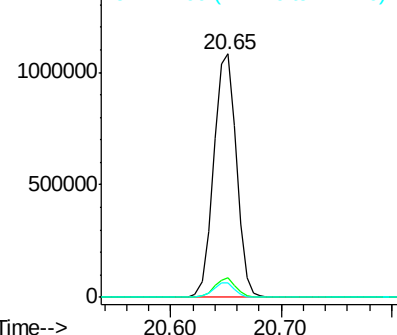
122 5.7 7.0 10.4



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: 26.15 min Scan# 3891

Delta R.T. -0.00 min

Lab File: BG032168.D

Acq: 20 Jan 2018 1:22

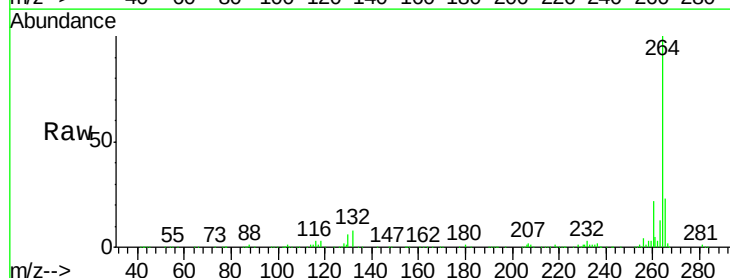
Tgt Ion:264 Resp: 424228

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	22.9	17.7	26.5

264 100

260 21.7 17.4 26.0

265 22.9 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

