

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
 Data File : BG022683.D
 Acq On : 28 Jun 2016 19:46
 Operator : UM/SJ
 Sample : PB91516BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91516BL

Quant Time: Jun 29 03:57:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

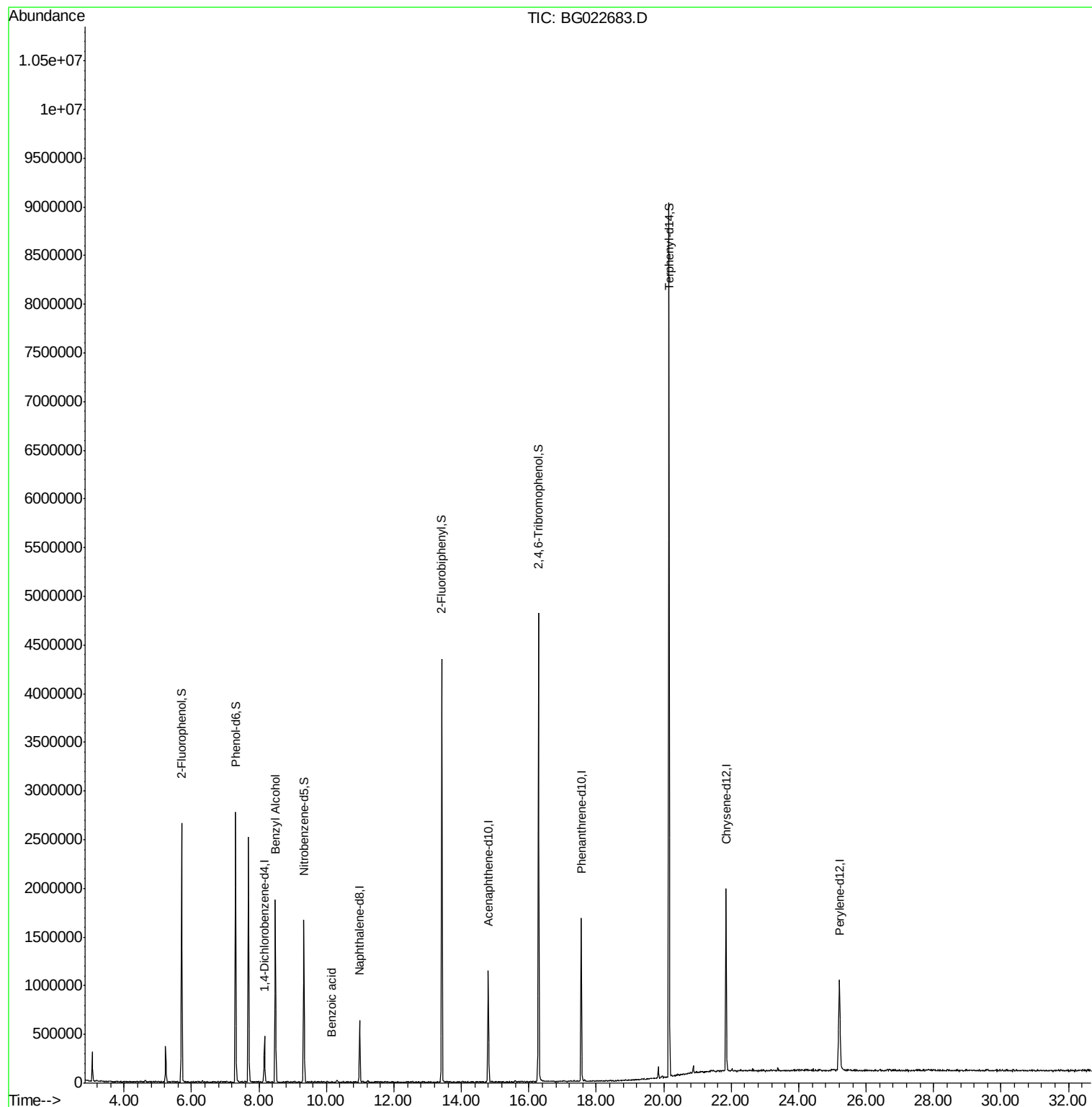
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	116224	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	521459	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	386410	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1027616	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1192060	20.00	ng	0.00
86) Perylene-d12	25.20	264	1152791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	1055735	145.70	ng	0.00
7) Phenol-d6	7.31	99	1553866	152.14	ng	0.00
23) Nitrobenzene-d5	9.33	82	1069473	86.80	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	891850	146.74	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2100269	86.20	ng	0.00
78) Terphenyl-d14	20.16	244	3309706	73.56	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.48	79	19892	2.10	ng	# 72
32) Benzoic acid	10.16	122	73	5.12	ng	# 64

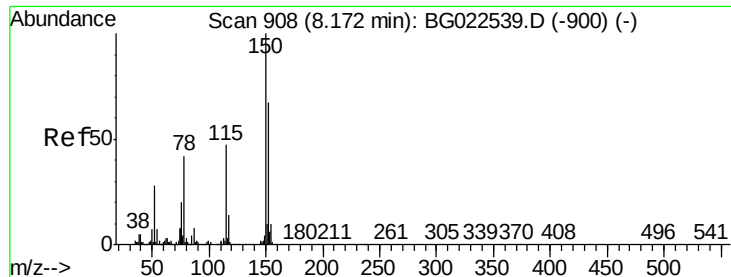
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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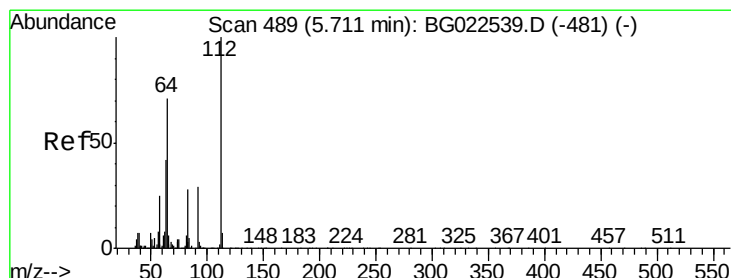
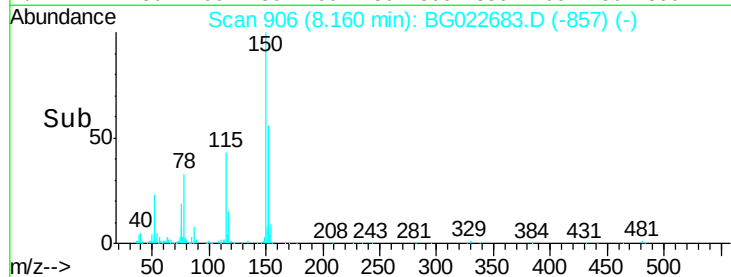
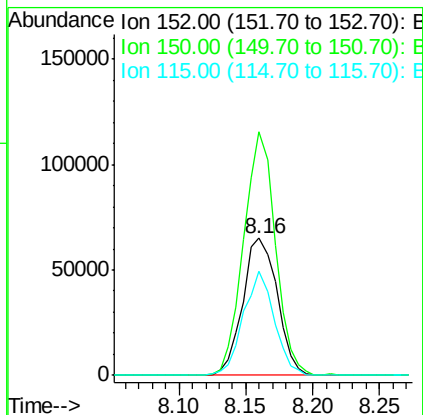
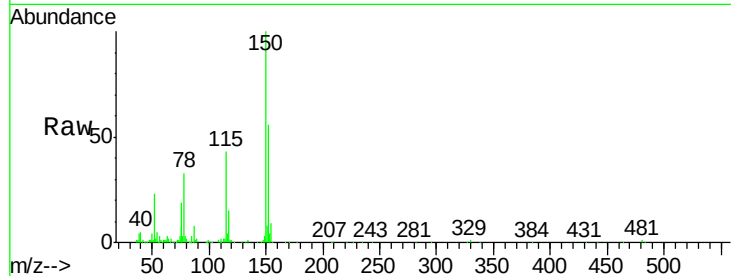


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

Instrument :
BNA_G
ClientSampleId :
PB91516BL

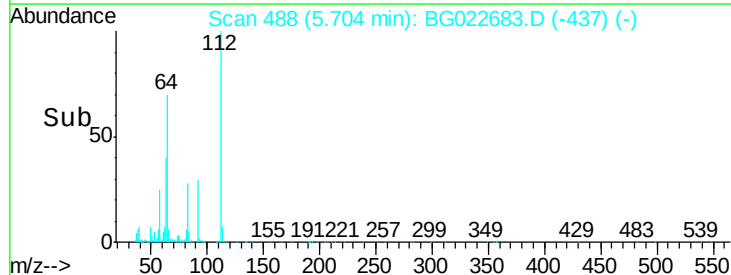
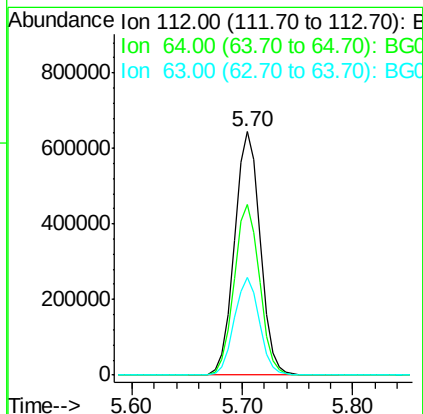
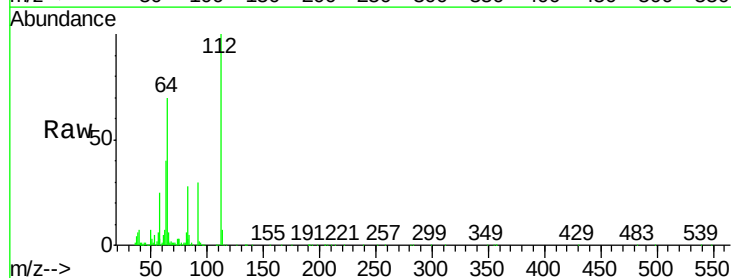
Tgt Ion:152 Resp: 116224
Ion Ratio Lower Upper
152 100
150 177.9 144.7 217.1
115 76.5 64.0 96.0

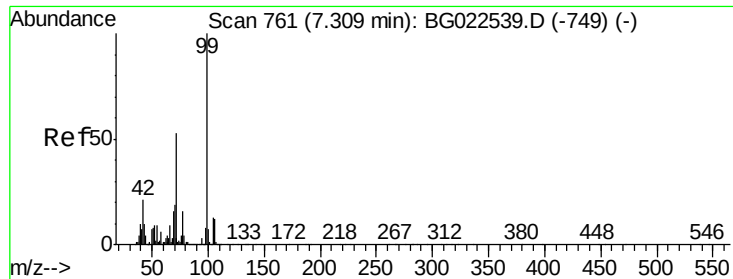


#5

2-Fluorophenol
Concen: 145.70 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

Tgt Ion:112 Resp: 1055735
Ion Ratio Lower Upper
112 100
64 70.2 59.0 88.4
63 40.3 37.8 56.8





#7

Phenol-d6

Concen: 152.14 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

Instrument :

BNA_G

ClientSampleId :

PB91516BL

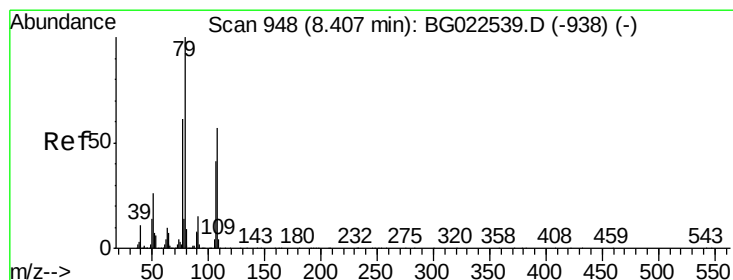
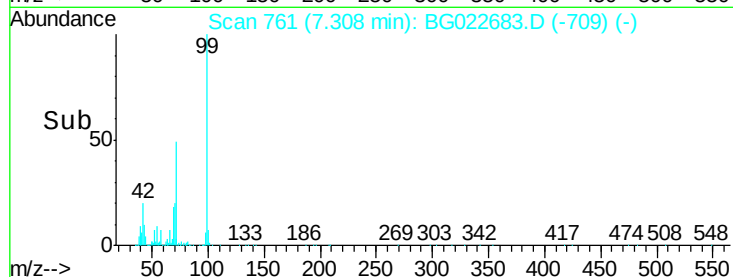
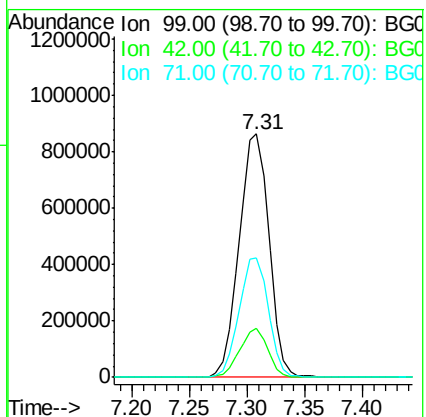
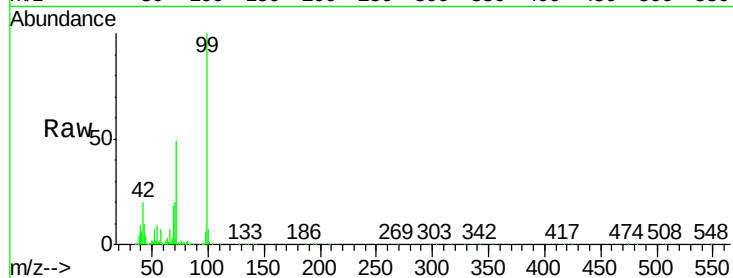
Tgt Ion: 99 Resp: 1553866

Ion Ratio Lower Upper

99 100

42 20.1 17.8 26.6

71 49.0 41.5 62.3



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 8.48 min Scan# 961

Delta R.T. 0.08 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

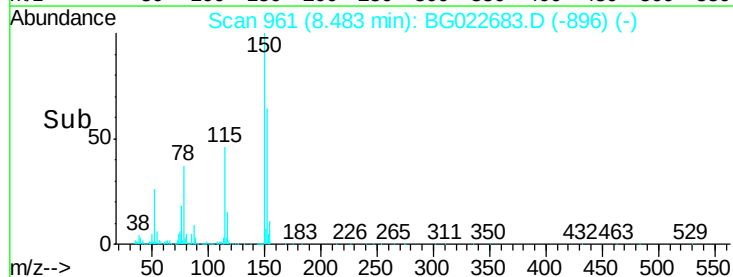
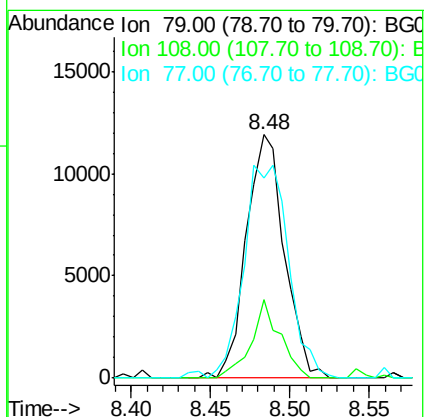
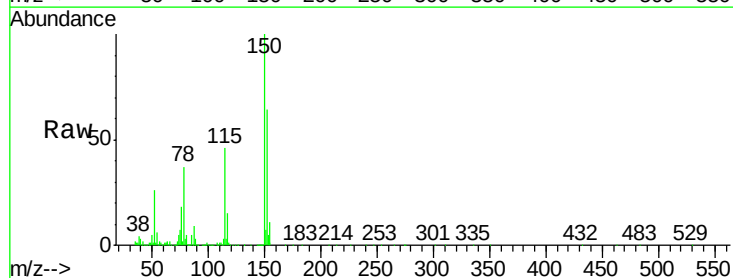
Tgt Ion: 79 Resp: 19892

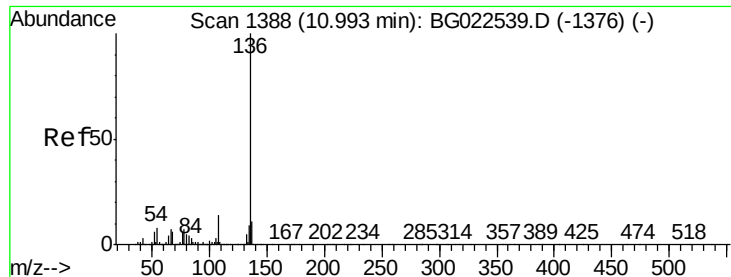
Ion Ratio Lower Upper

79 100

108 32.2 46.5 69.7#

77 82.1 52.3 78.5#

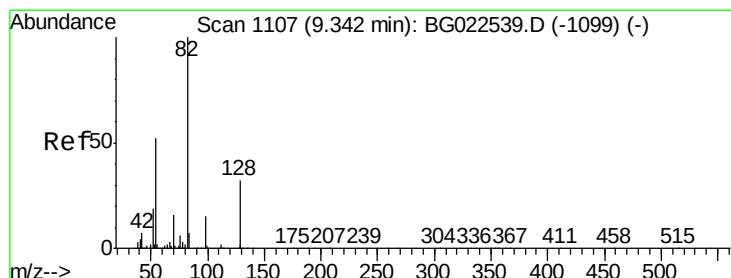
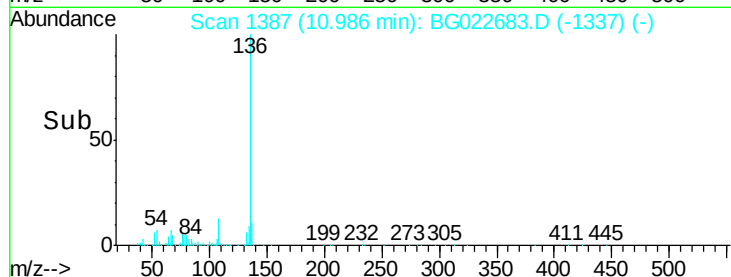
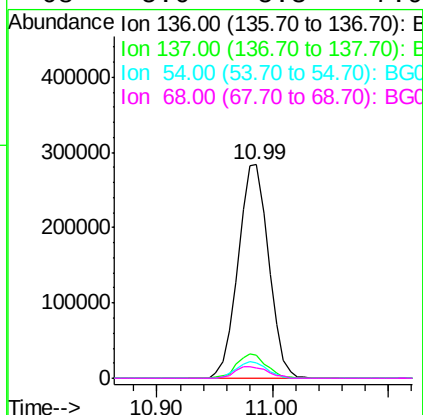
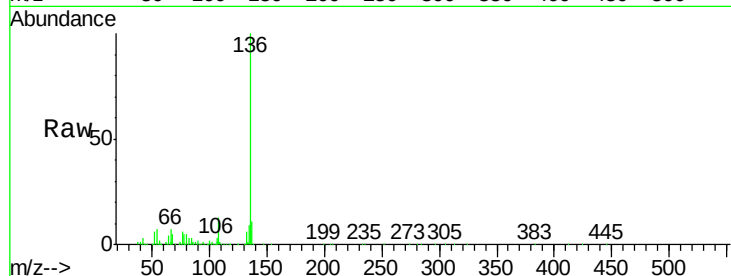




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

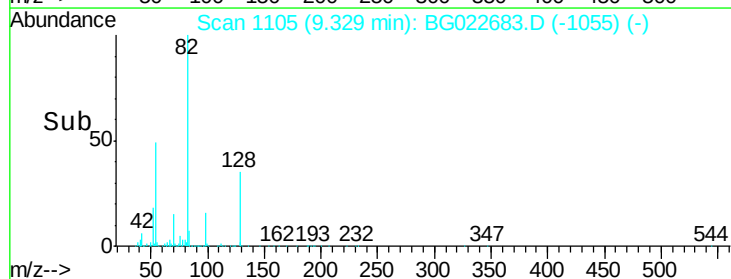
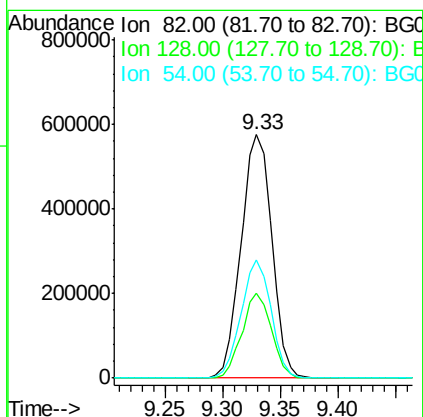
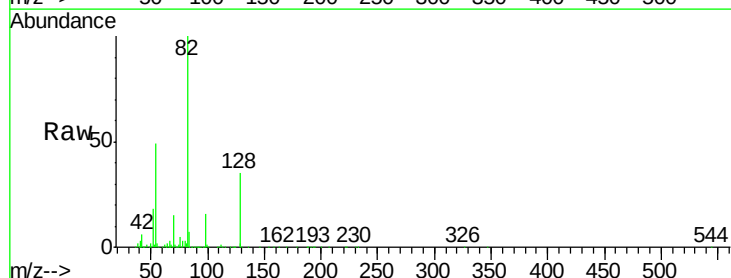
Instrument :
BNA_G
ClientSampleId :
PB91516BL

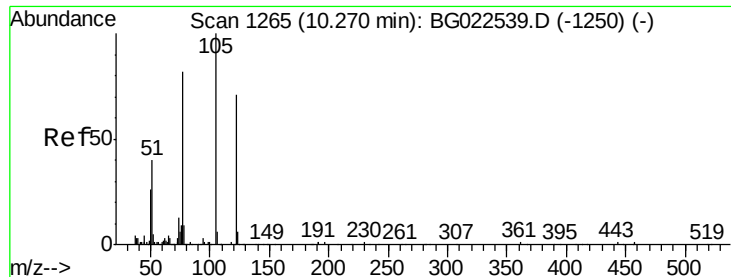
Tgt Ion:	136	Resp:	521459
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	7.0	7.3	10.9#
68	5.0	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 86.80 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

Tgt Ion:	82	Resp:	1069473
Ion	Ratio	Lower	Upper
82	100		
128	34.7	24.4	36.6
54	48.8	41.4	62.0





#32

Benzoic acid

Concen: 5.12 ng

RT: 10.16 min Scan# 1246

Delta R.T. -0.04 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

Instrument :

BNA_G

ClientSampleId :

PB91516BL

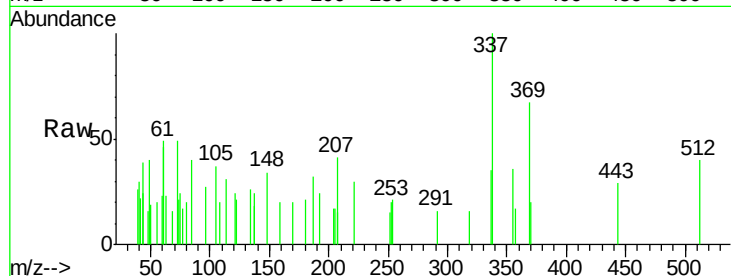
Tgt Ion:122 Resp: 73

Ion Ratio Lower Upper

122 100

105 177.4 117.2 157.2#

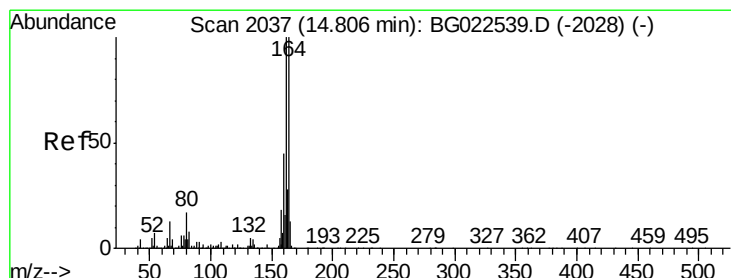
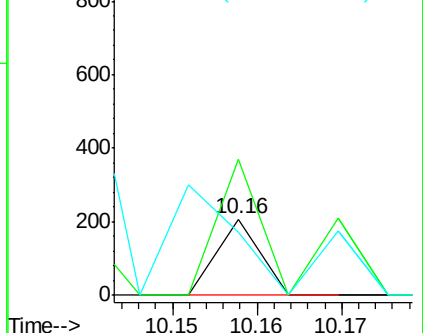
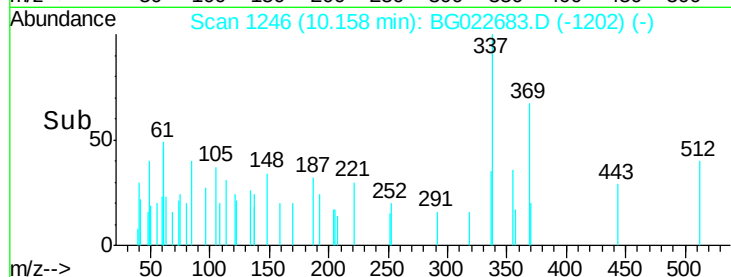
77 83.2 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

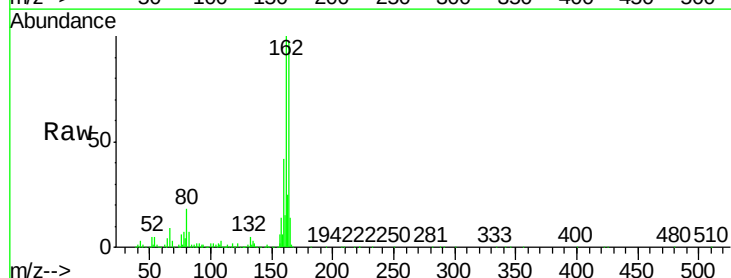
Tgt Ion:164 Resp: 386410

Ion Ratio Lower Upper

164 100

162 102.8 87.7 131.5

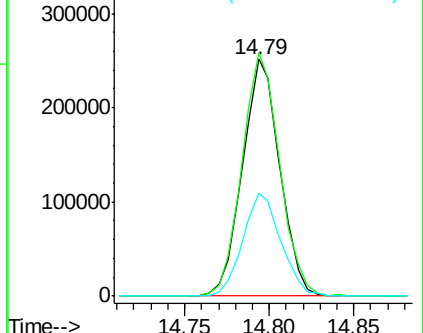
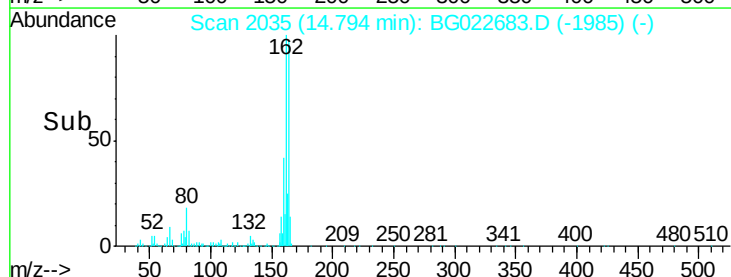
160 43.5 37.2 55.8

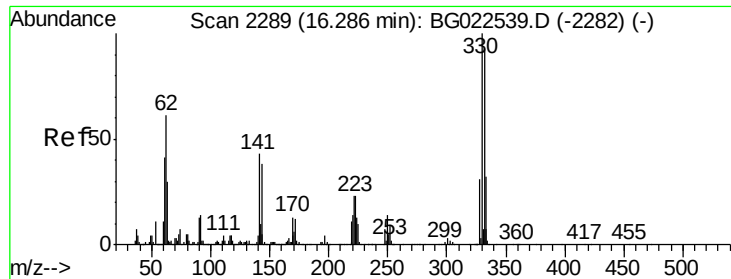


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 146.74 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

Instrument :

BNA_G

ClientSampleId :

PB91516BL

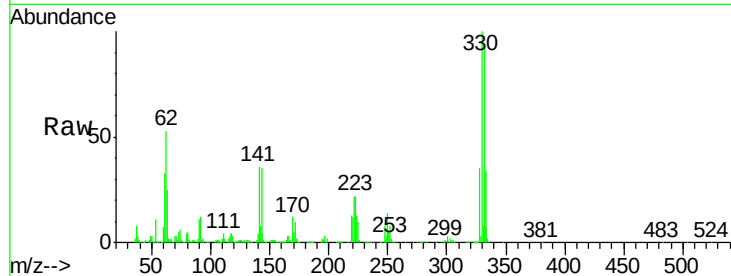
Tgt Ion:330 Resp: 891850

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

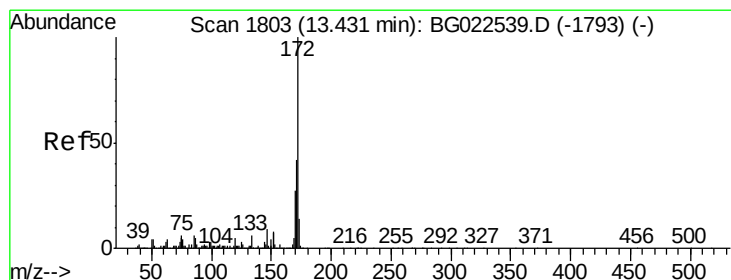
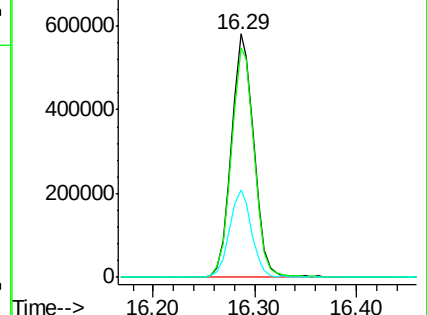
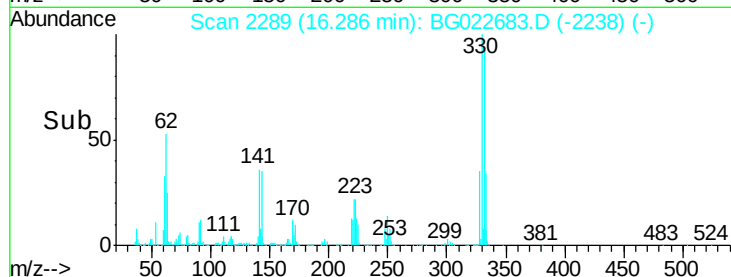
141 35.5 31.7 47.5



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: 86.20 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

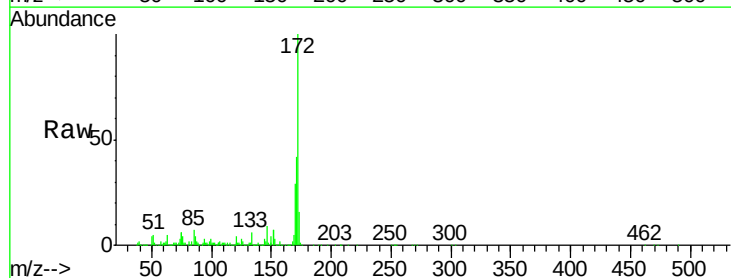
Tgt Ion:172 Resp: 2100269

Ion Ratio Lower Upper

172 100

171 41.6 31.6 47.4

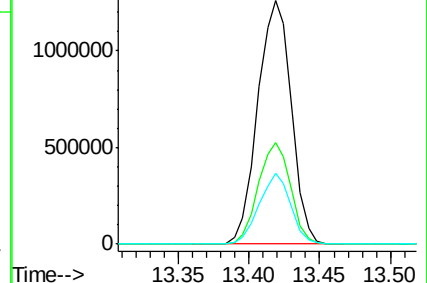
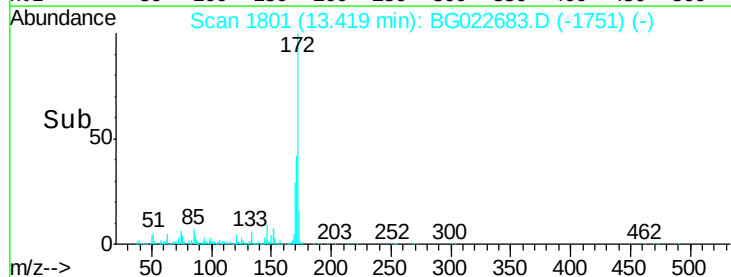
170 29.1 21.3 31.9

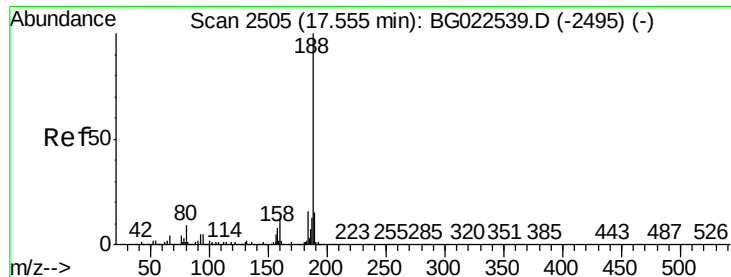


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

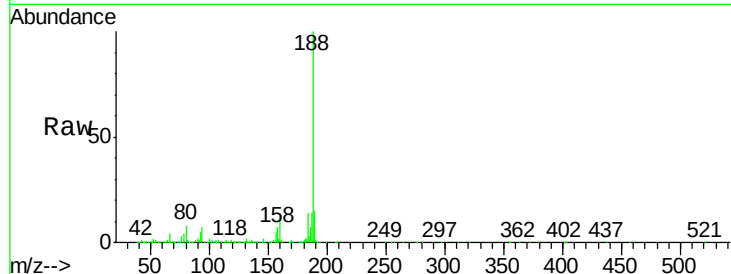




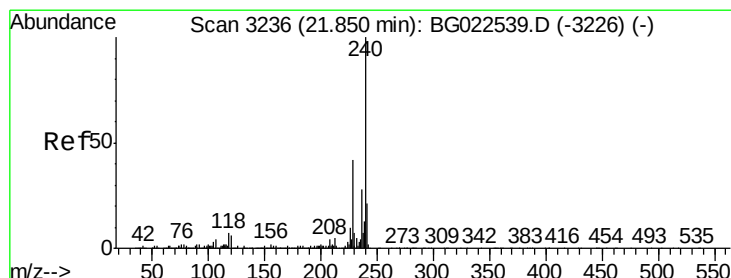
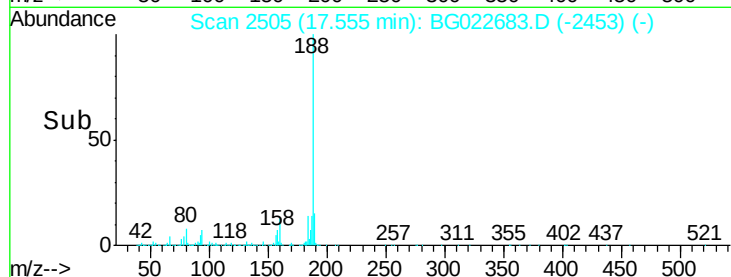
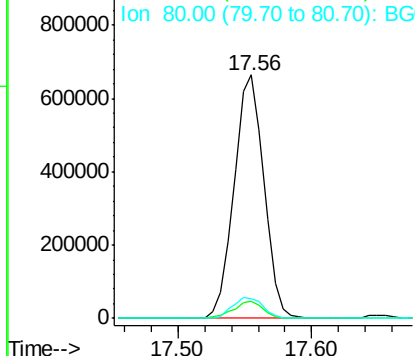
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

Instrument :
BNA_G
ClientSampleId :
PB91516BL

Tgt Ion:188 Resp: 1027616
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 8.3 7.2 10.8

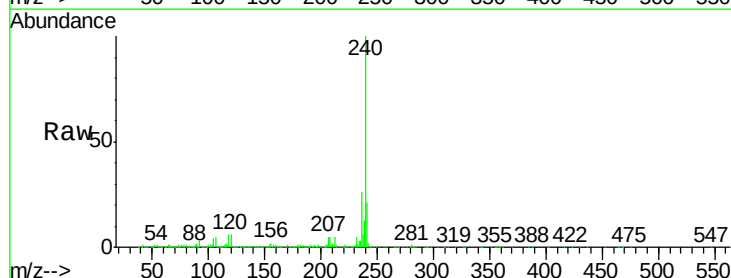


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

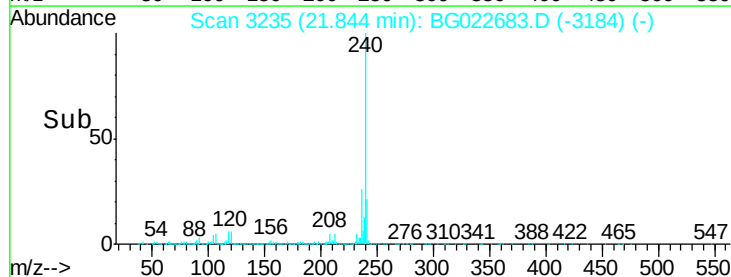
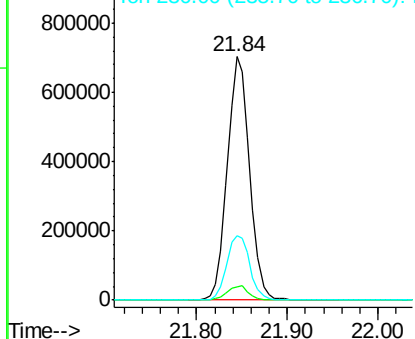


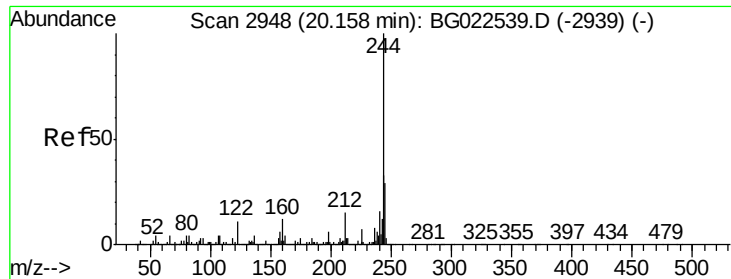
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022683.D
Acq: 28 Jun 2016 19:46

Tgt Ion:240 Resp: 1192060
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 26.5 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: 73.56 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

Instrument :

BNA_G

ClientSampled :

PB91516BL

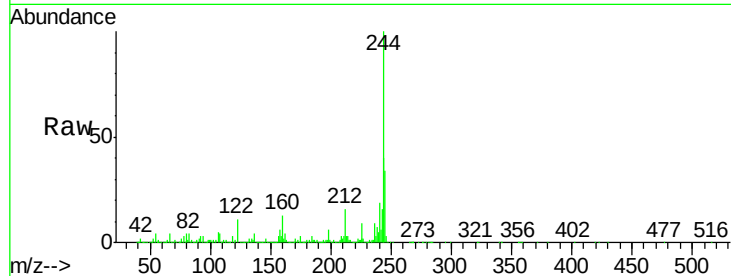
Tgt Ion:244 Resp: 3309706

Ion Ratio Lower Upper

244 100

212 15.6 10.8 16.2

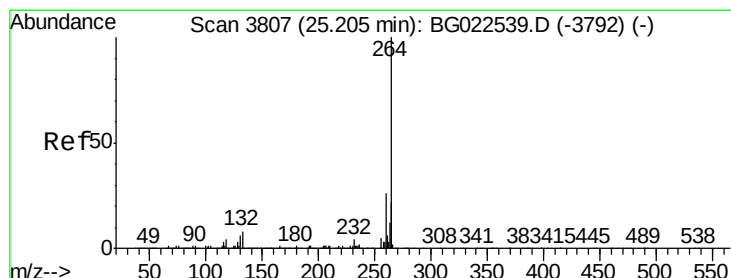
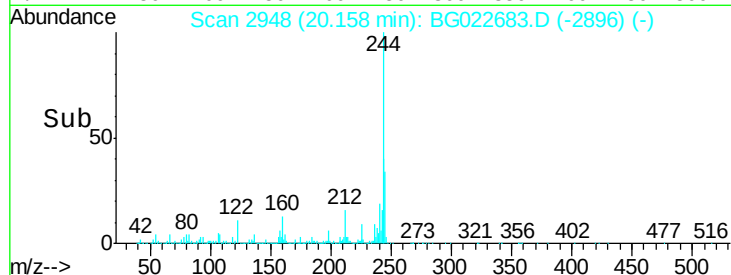
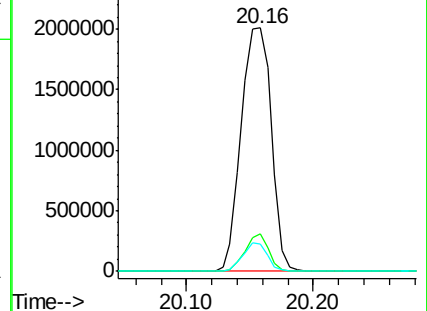
122 11.3 8.0 12.0



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# 3807

Delta R.T. -0.00 min

Lab File: BG022683.D

Acq: 28 Jun 2016 19:46

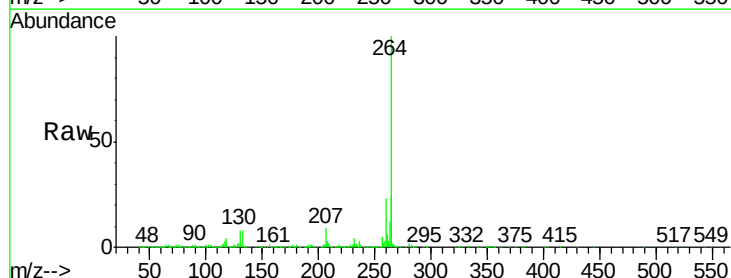
Tgt Ion:264 Resp: 1152791

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 23.8 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

