

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021220.D
 Acq On : 2 Mar 2016 19:41
 Operator : UM/SJ
 Sample : H1642-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 M5049(6-8)

Quant Time: Mar 03 10:46:00 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 11:46:16 2016
 Response via : Initial Calibration

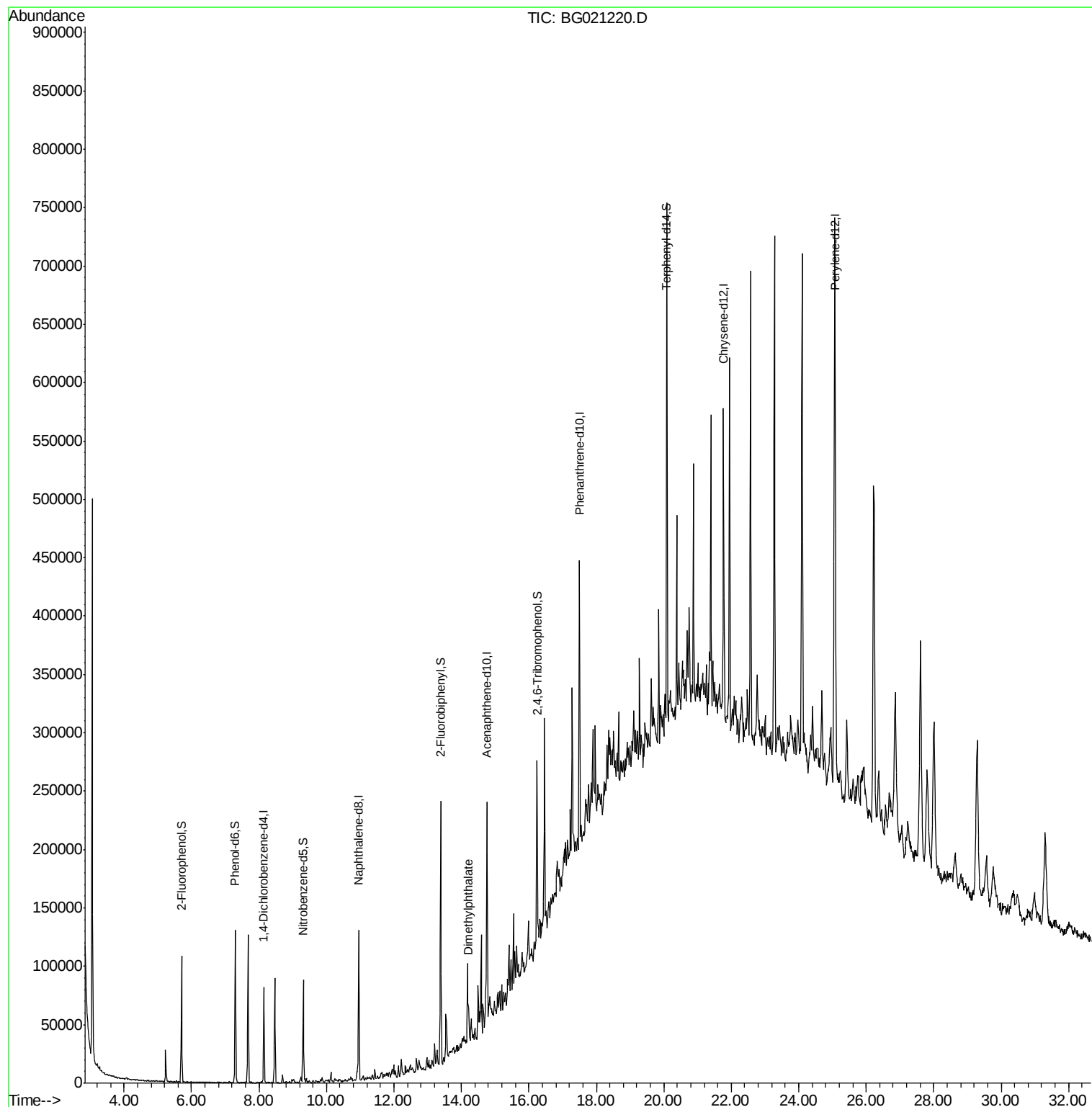
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	20583	40.00	ng	-0.02
21) Naphthalene-d8	10.95	136	98585	40.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	57013	40.00	ng	0.00
63) Phenanthrene-d10	17.50	188	124922	40.00	ng	0.00
75) Chrysene-d12	21.77	240	141354	40.00	ng	0.00
86) Perylene-d12	25.07	264	137600	40.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	42154	65.12	ng	0.00
7) Phenol-d6	7.30	99	73512	69.06	ng	0.00
23) Nitrobenzene-d5	9.31	82	54970	47.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	22903	77.22	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	106589	53.10	ng	0.00
78) Terphenyl-d14	20.09	244	158280	54.25	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	16363	6.44	ng	# 95
77) Pyrene	19.90	202	13502	3.20	ng	# 81

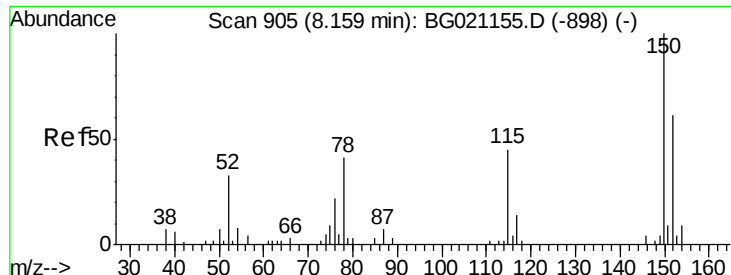
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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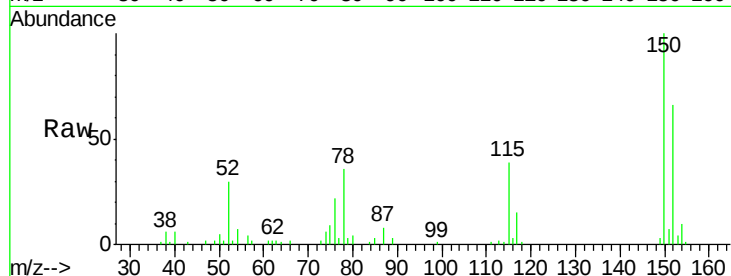


#1

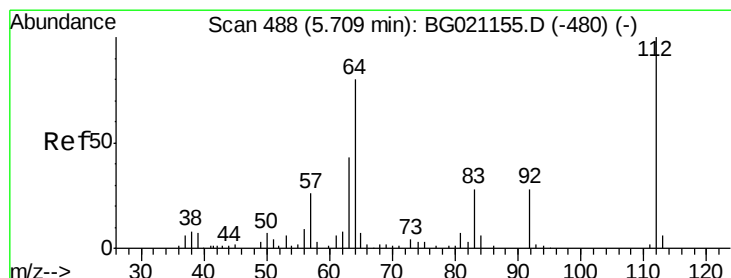
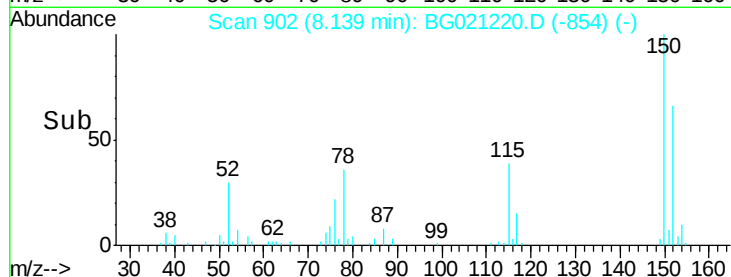
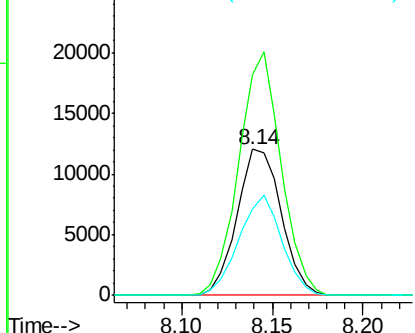
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG021220.D
Acq: 2 Mar 2016 19:41

Instrument :
BNA_G
ClientSampleId :
M5049(6-8)

Tot Ion:152 Resp: 20583
Ion Ratio Lower Upper
152 100
150 151.1 123.4 185.2
115 58.8 43.3 64.9



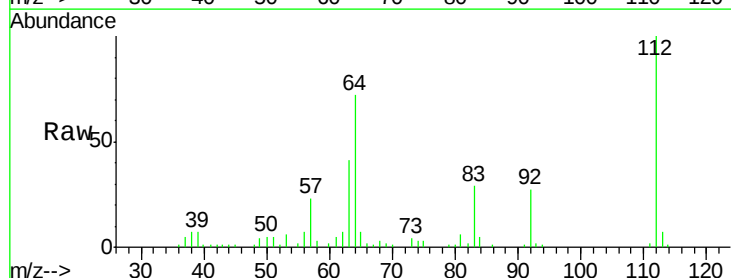
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



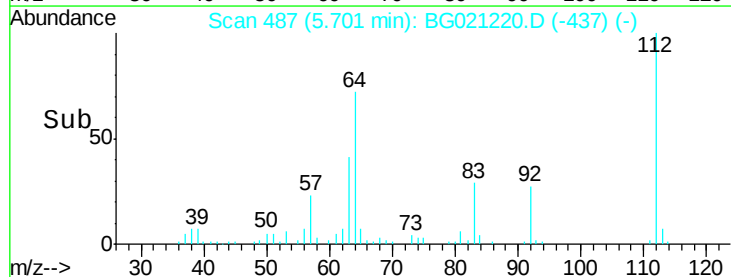
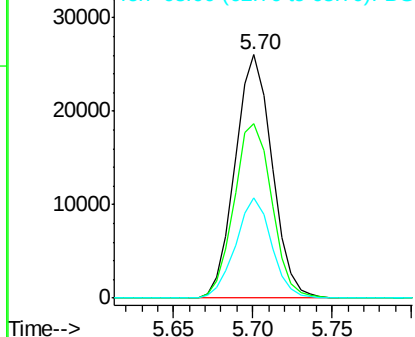
#5

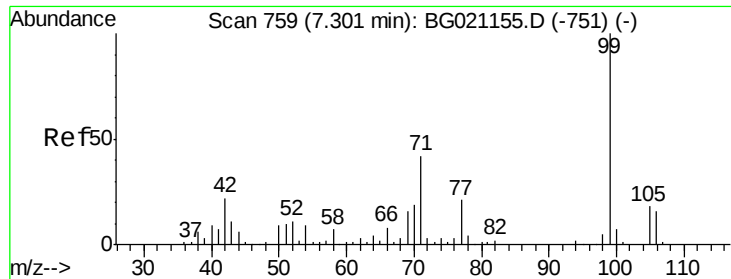
2-Fluorophenol
Concen: 65.12 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG021220.D
Acq: 2 Mar 2016 19:41

Tgt Ion:112 Resp: 42154
Ion Ratio Lower Upper
112 100
64 71.6 42.6 63.8#
63 40.9 21.7 32.5#



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: 69.06 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

Instrument :

BNA_G

ClientSampleId :

M5049(6-8)

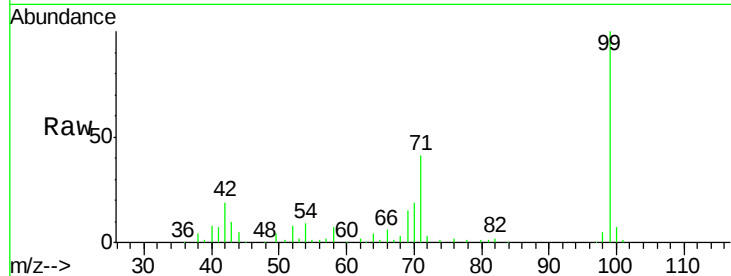
Tot Ion: 99 Resp: 73512

Ion Ratio Lower Upper

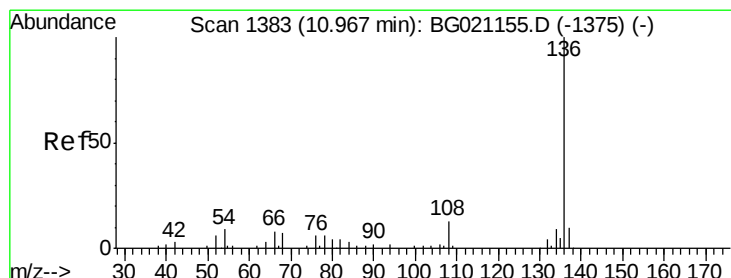
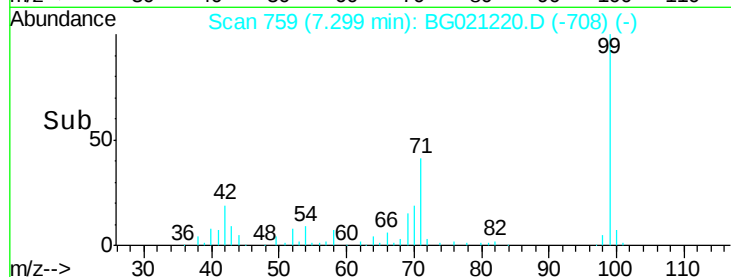
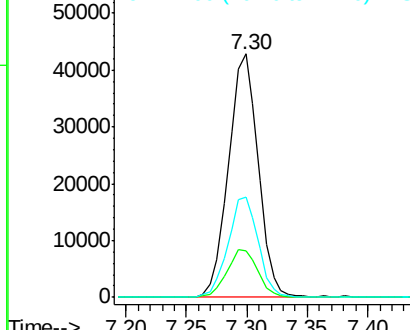
99 100

42 19.1 13.2 19.8

71 41.4 25.2 37.8#



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



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

Tgt Ion: 136 Resp: 98585

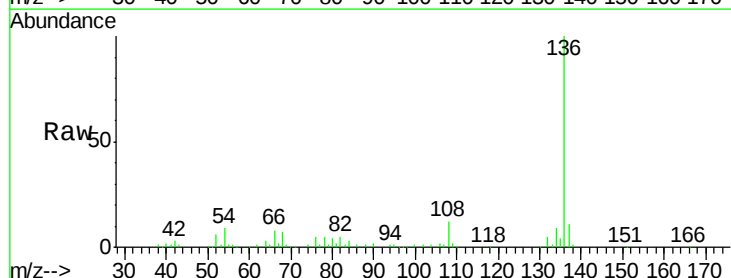
Ion Ratio Lower Upper

136 100

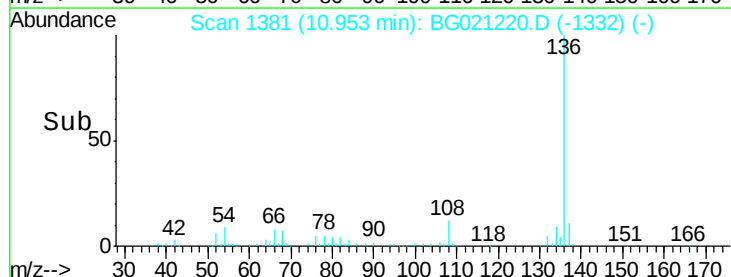
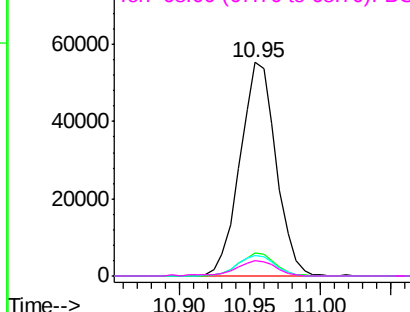
137 10.8 8.8 13.2

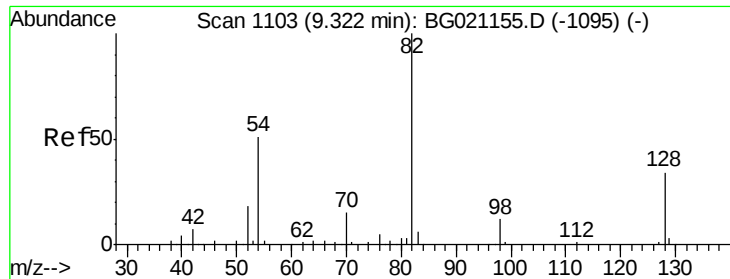
54 9.4 6.9 10.3

68 7.4 5.8 8.6



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

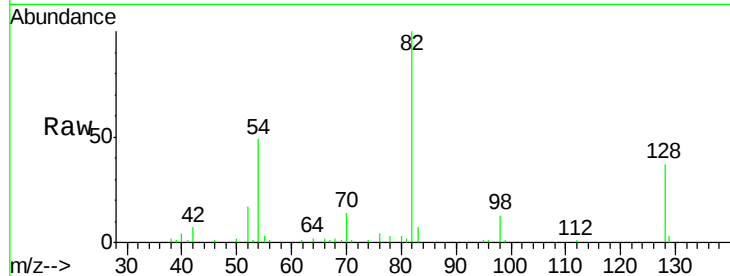




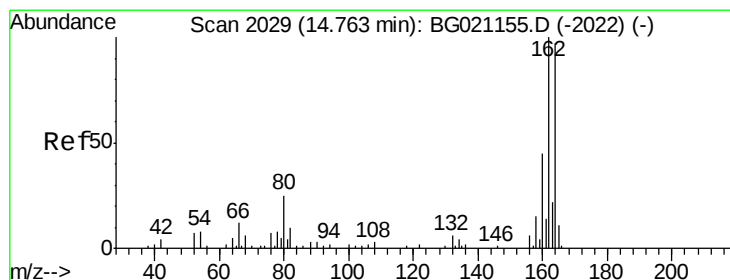
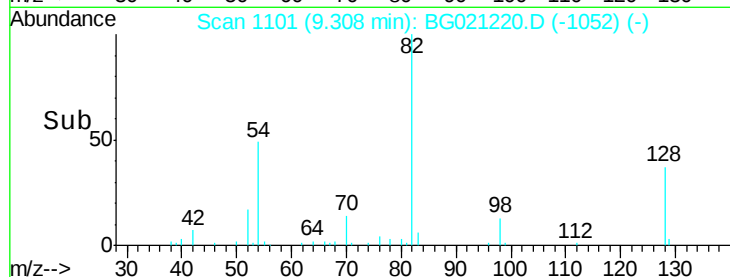
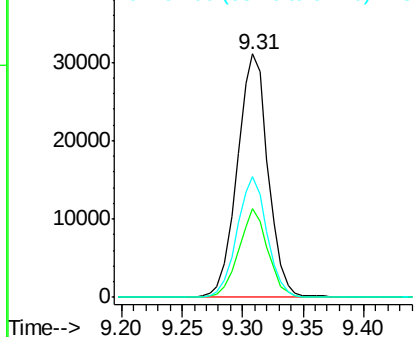
#23
Nitrobenzene-d5
Concen: 47.19 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BG021220.D
Acq: 2 Mar 2016 19:41

Instrument :
BNA_G
ClientSampleId :
M5049(6-8)

Tot Ion	82	Resp	54970
Ion Ratio	Lower	Upper	
82	100		
128	36.7	36.3	54.5
54	49.3	37.6	56.4

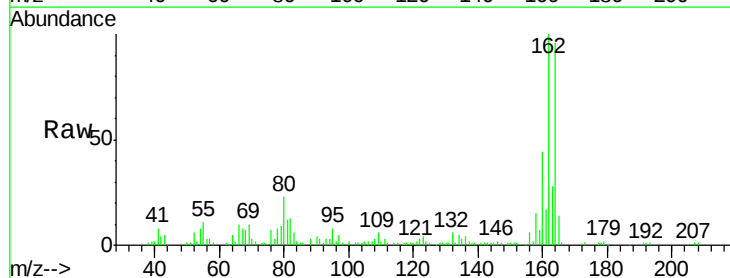


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

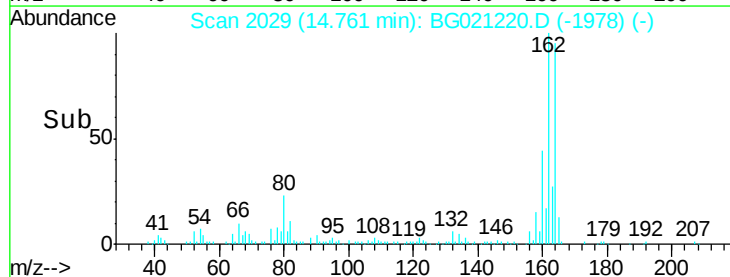
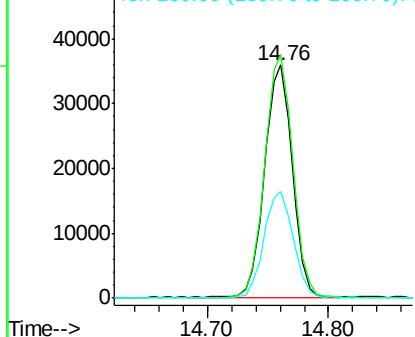


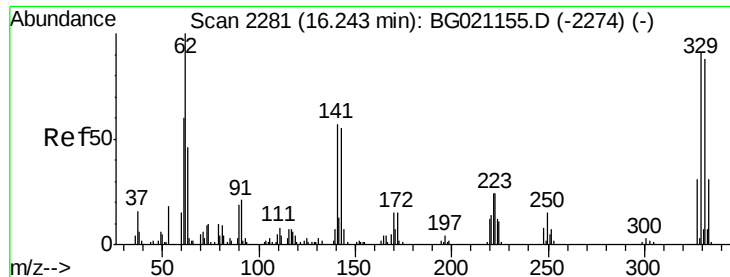
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021220.D
Acq: 2 Mar 2016 19:41

Tgt Ion	164	Resp	57013
Ion Ratio	Lower	Upper	
164	100		
162	104.6	80.6	120.8
160	45.9	36.5	54.7



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





#41

2,4,6-Tribromophenol

Concen: 77.22 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

Instrument :

BNA_G

ClientSampleId :

M5049(6-8)

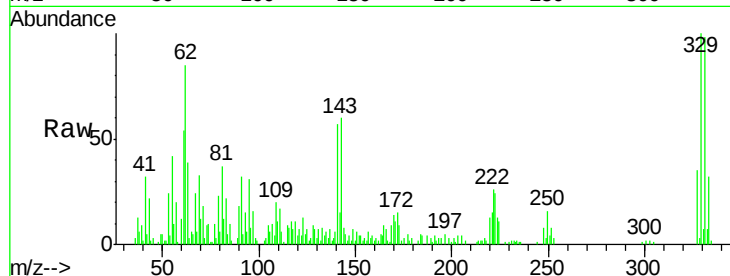
Tot Ion:330 Resp: 22903

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.0

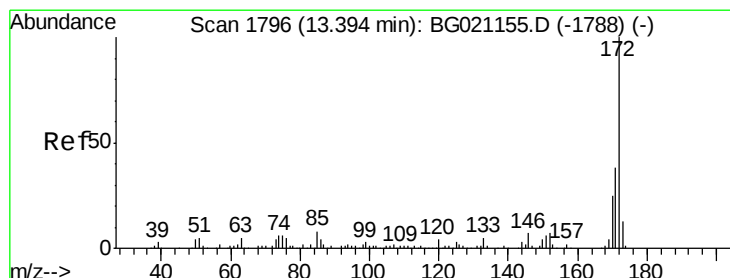
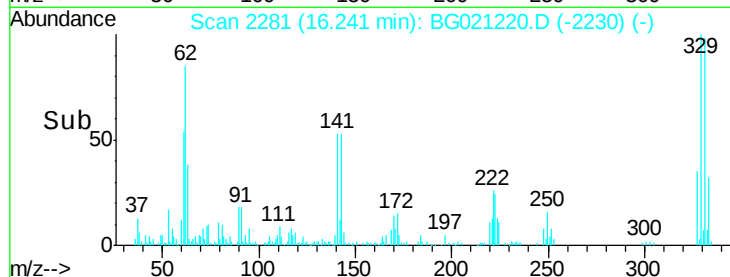
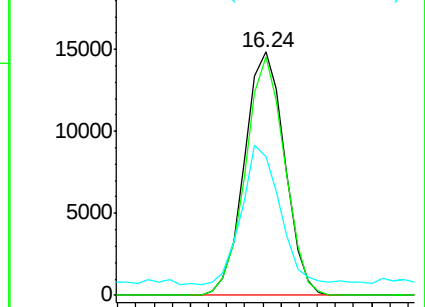
141 54.9 35.3 52.9#



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: 53.10 ng

RT: 13.39 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

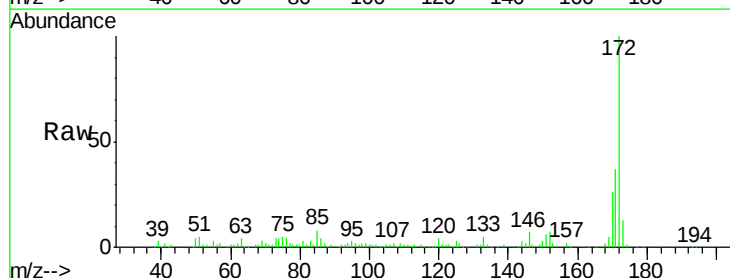
Tgt Ion:172 Resp: 106589

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

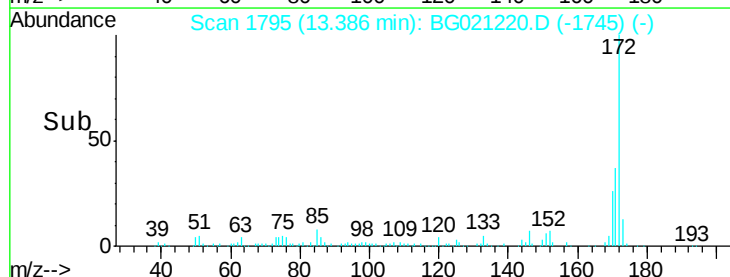
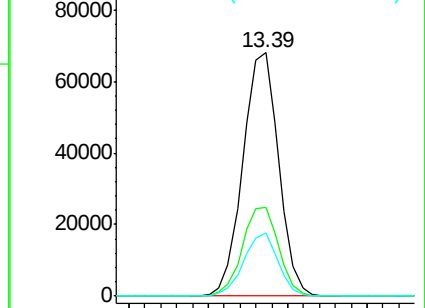
170 25.8 19.8 29.8

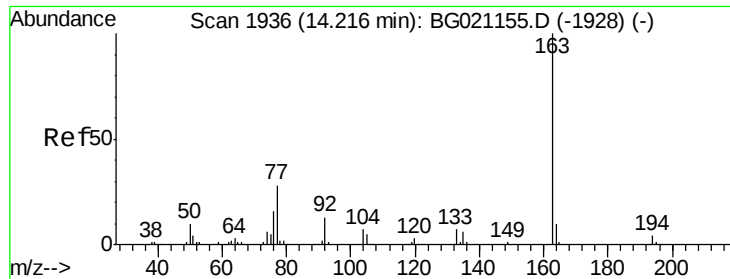


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.44 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

Instrument :

BNA_G

ClientSampleId :

M5049(6-8)

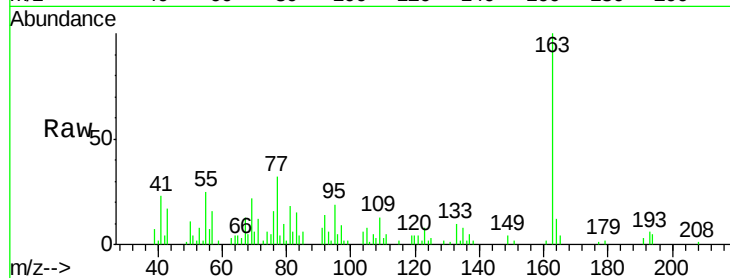
Tot Ion:163 Resp: 16363

Ion Ratio Lower Upper

163 100

194 5.2 2.8 4.2#

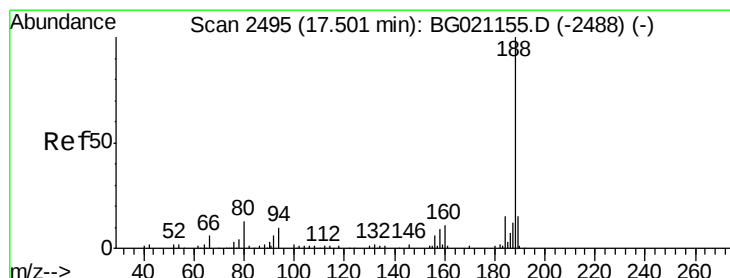
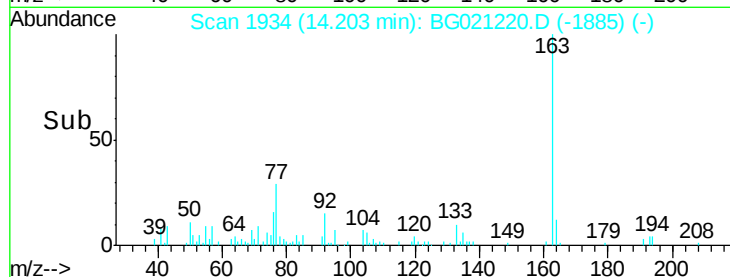
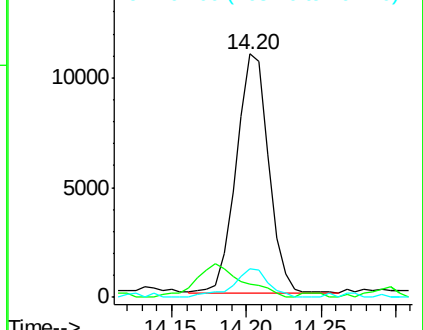
164 11.8 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 17.50 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

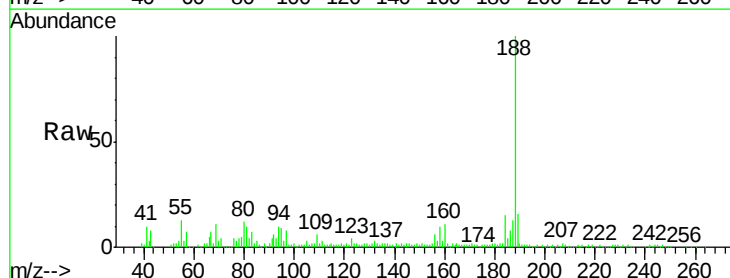
Tgt Ion:188 Resp: 124922

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

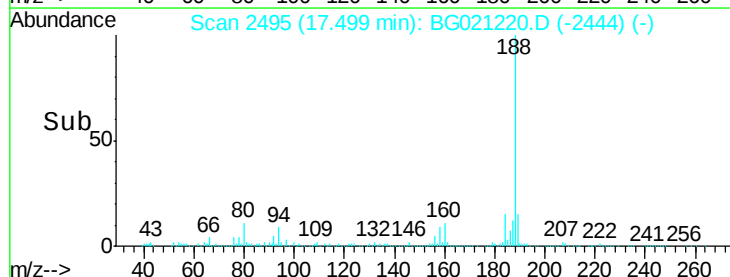
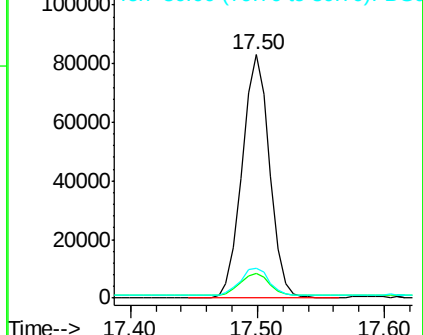
80 12.1 9.2 13.8

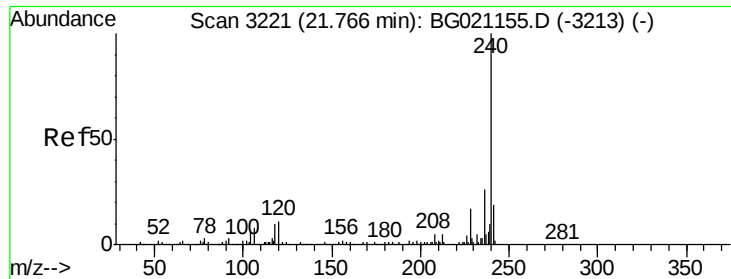


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

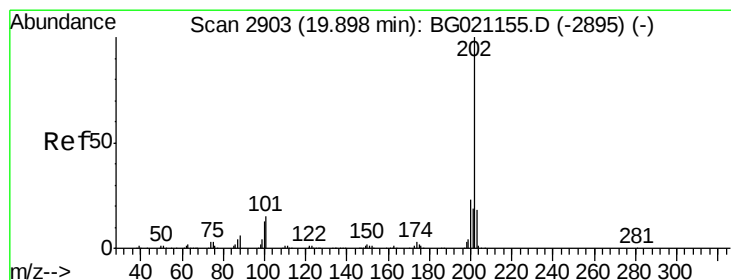
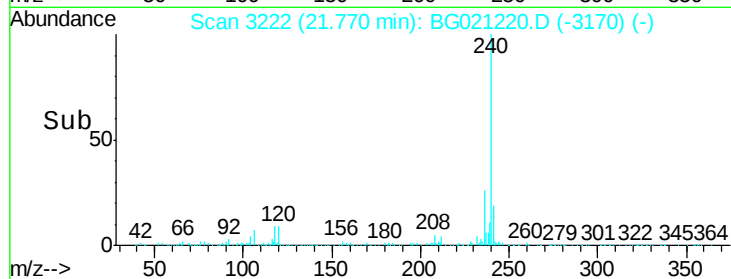
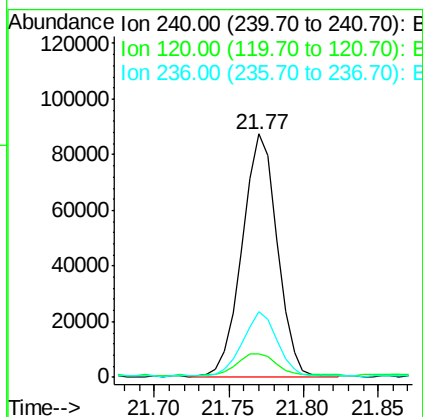
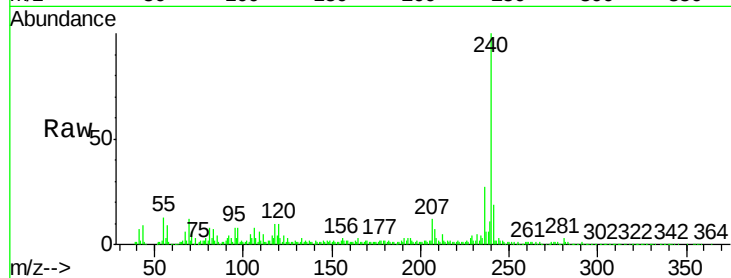




#75
Chrysene-d12
Concen: 40.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BG021220.D
Acq: 2 Mar 2016 19:41

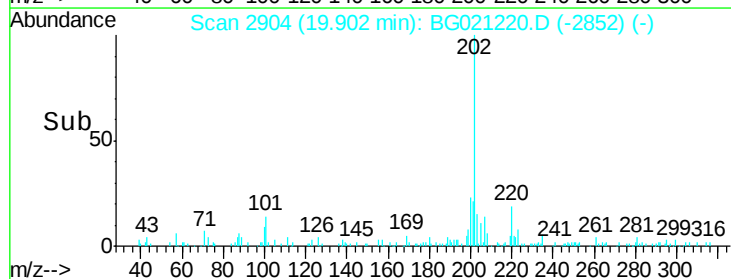
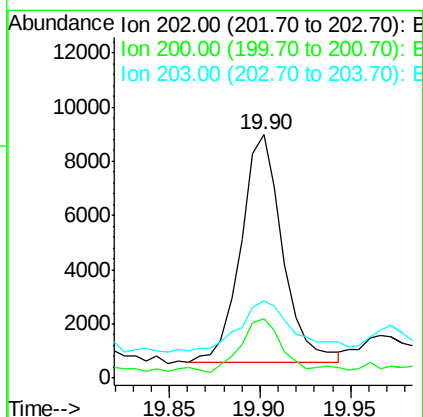
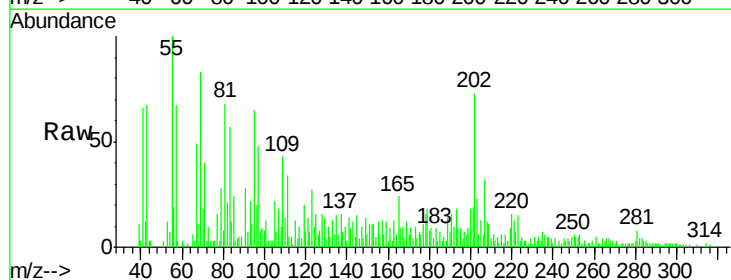
Instrument :
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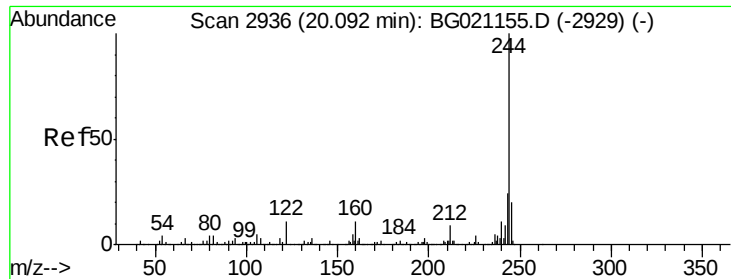
Tot Ion:240 Resp: 141354
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 26.9 20.5 30.7



#77
Pyrene
Concen: 3.20 ng
RT: 19.90 min Scan# 2904
Delta R.T. 0.00 min
Lab File: BG021220.D
Acq: 2 Mar 2016 19:41

Tgt Ion:202 Resp: 13502
Ion Ratio Lower Upper
202 100
200 24.2 16.6 25.0
203 31.6 13.8 20.8#





#78

Terphenyl-d14

Concen: 54.25 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.00 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

Instrument :

BNA_G

ClientSampleId :

M5049(6-8)

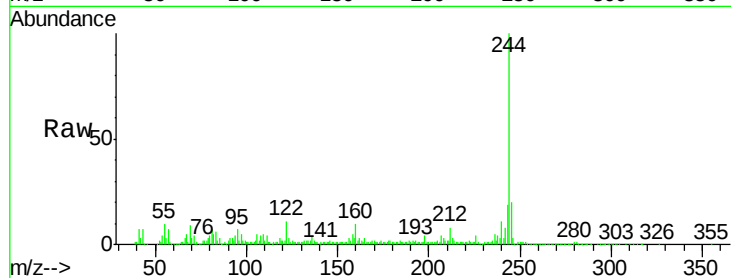
Tot Ion:244 Resp: 158280

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.6

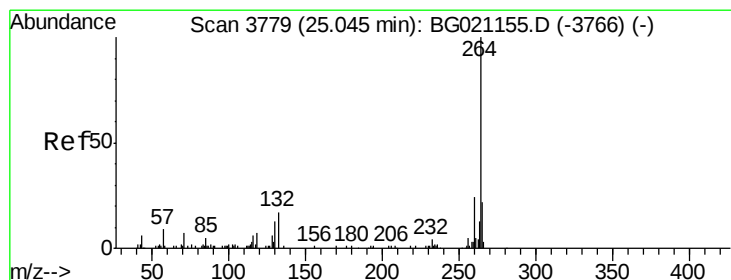
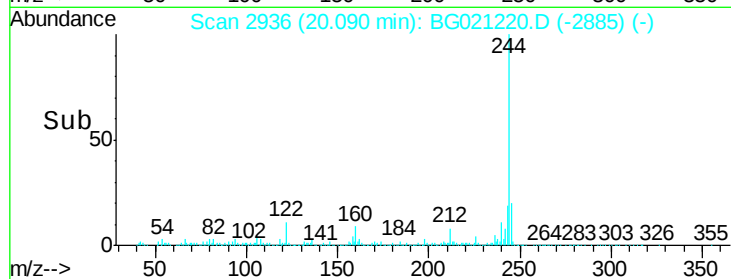
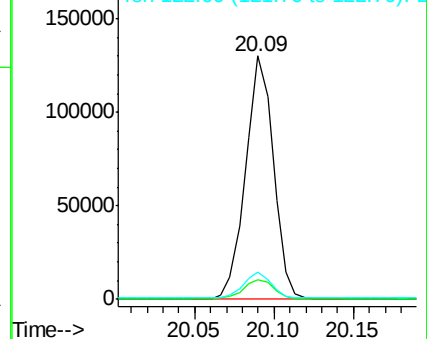
122 11.2 8.3 12.5



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: 40.00 ng

RT: 25.07 min Scan# 3783

Delta R.T. 0.02 min

Lab File: BG021220.D

Acq: 2 Mar 2016 19:41

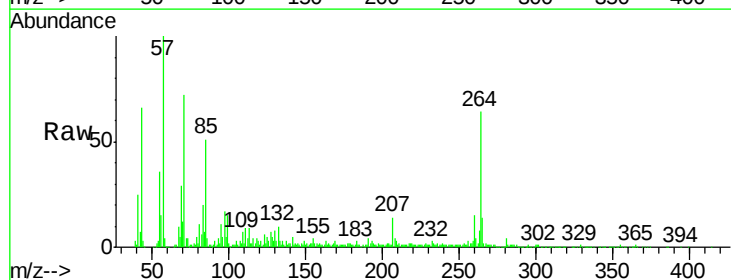
Tgt Ion:264 Resp: 137600

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.6 18.6 28.0



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

