

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
 Data File : BG024689.D
 Acq On : 4 Nov 2016 23:52
 Operator : UM/SJ
 Sample : H5531-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0018

Quant Time: Nov 05 00:32:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

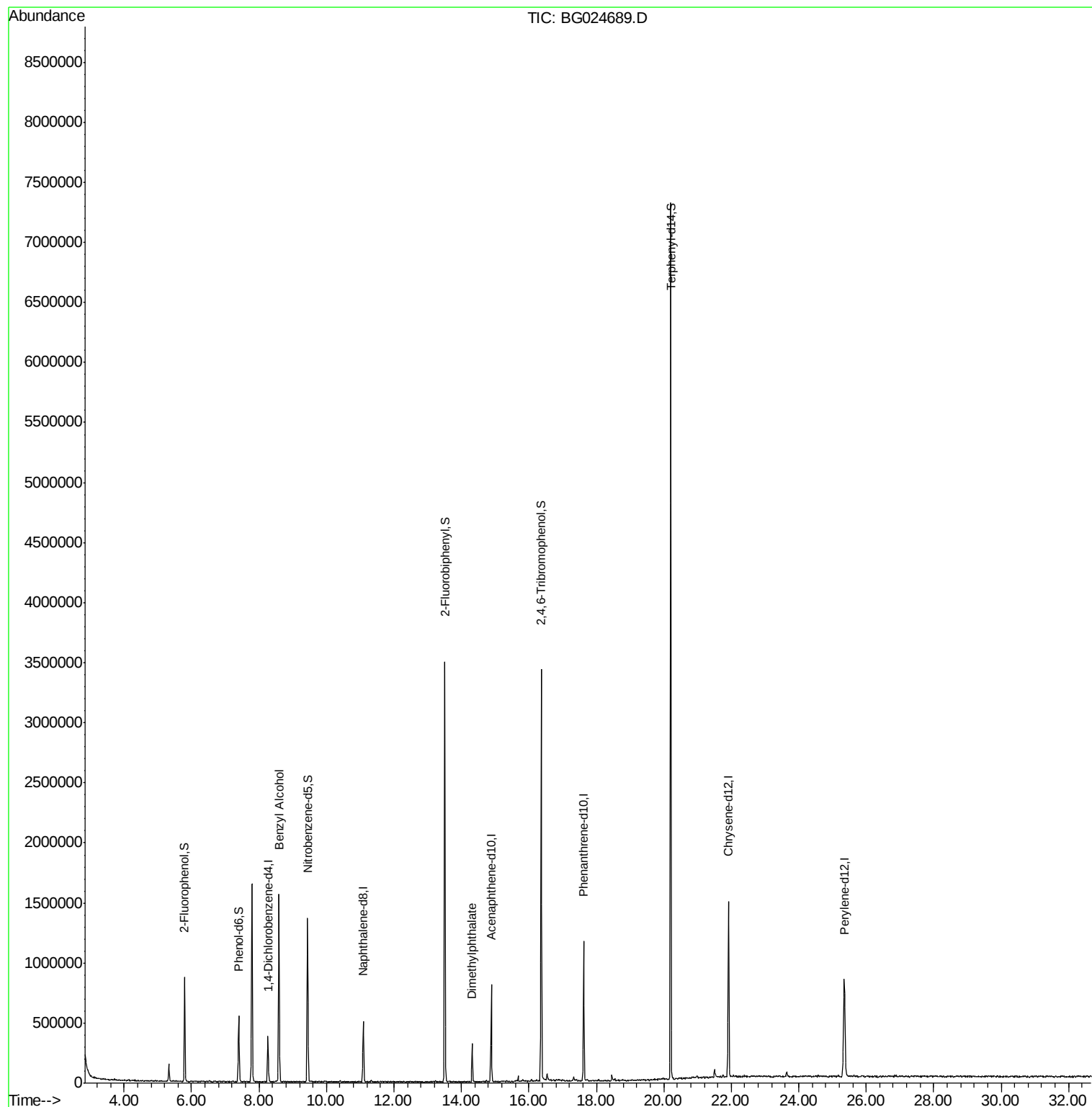
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	95801	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	405024	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	301150	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	719115	20.00	ng	0.00
75) Chrysene-d12	21.92	240	995561	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1007169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	359507	61.51	ng	0.00
7) Phenol-d6	7.40	99	304611	37.99	ng	0.00
23) Nitrobenzene-d5	9.44	82	867994	97.57	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	688050	152.93	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1804026	99.57	ng	0.00
78) Terphenyl-d14	20.21	244	3083424	92.55	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.59	79	15200	2.04	ng	# 82
49) Dimethylphthalate	14.32	163	205439	9.61	ng	# 95

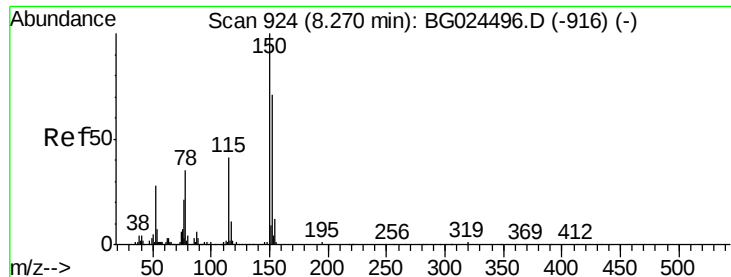
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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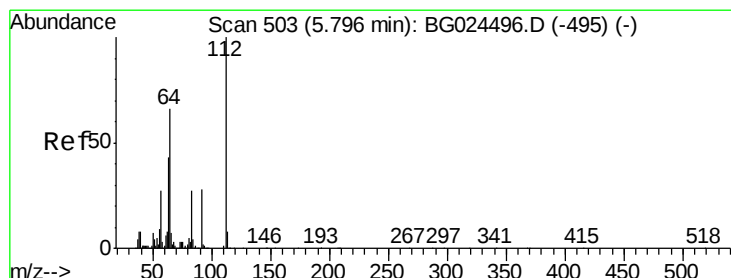
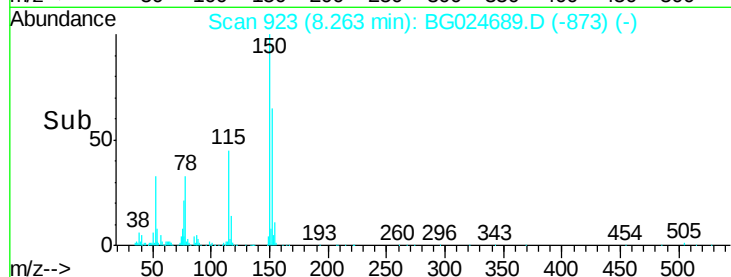
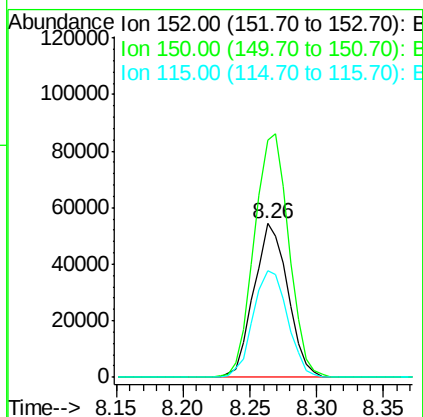
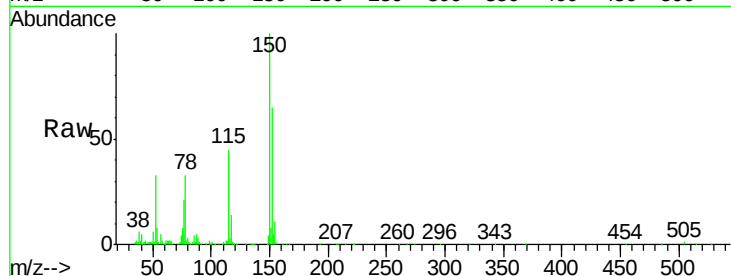


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

Instrument :
BNA_G
ClientSampleId :
S22-0018

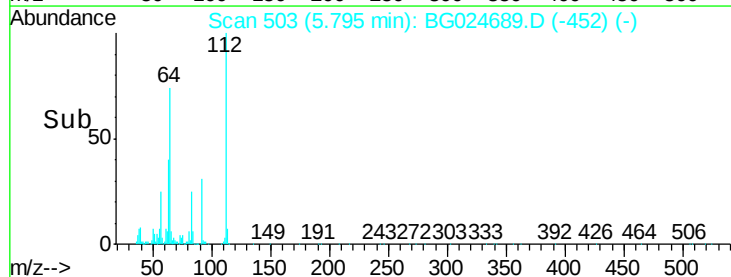
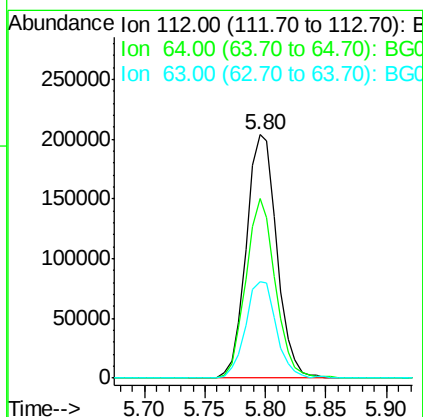
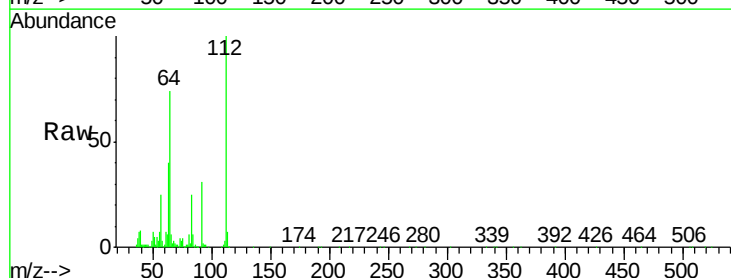
Tgt Ion:152 Resp: 95801
Ion Ratio Lower Upper
152 100
150 154.0 114.0 171.0
115 69.7 48.1 72.1

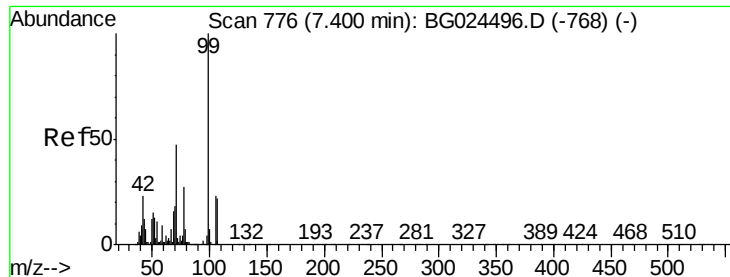


#5

2-Fluorophenol
Concen: 61.51 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

Tgt Ion:112 Resp: 359507
Ion Ratio Lower Upper
112 100
64 73.7 61.8 92.6
63 39.8 37.2 55.8





#7

Phenol-d6

Concen: 37.99 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024689.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_G

ClientSampleId :

S22-0018

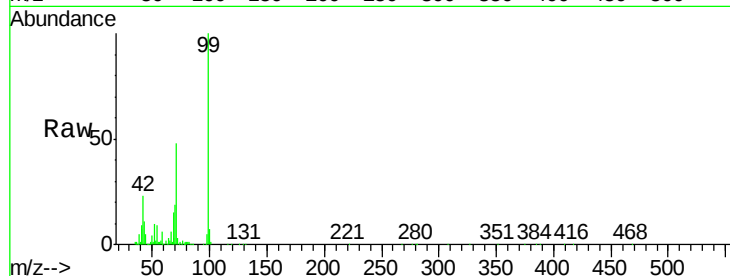
Tgt Ion: 99 Resp: 304611

Ion Ratio Lower Upper

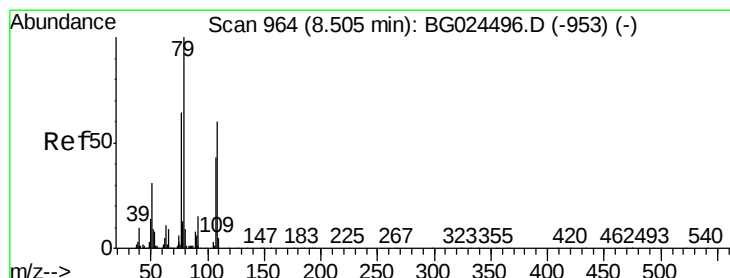
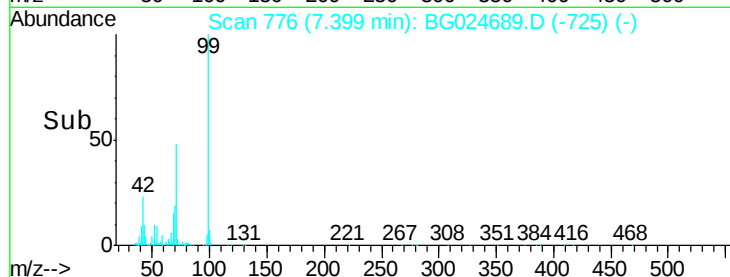
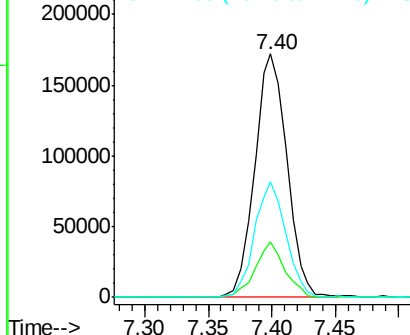
99 100

42 22.7 20.5 30.7

71 47.7 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.09 min

Lab File: BG024689.D

Acq: 4 Nov 2016 23:52

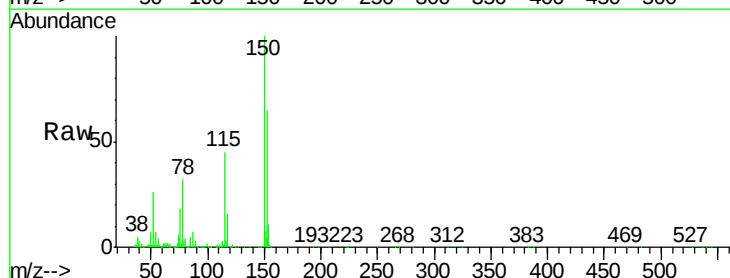
Tgt Ion: 79 Resp: 15200

Ion Ratio Lower Upper

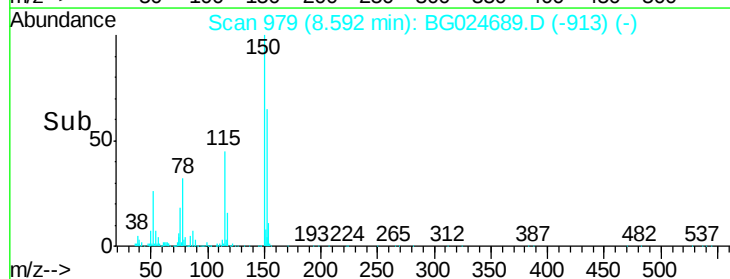
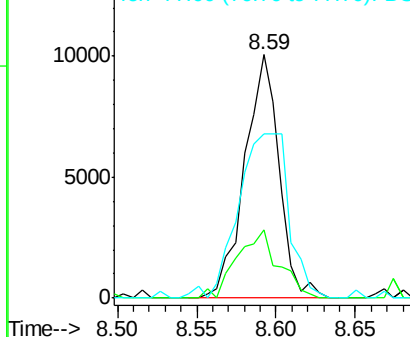
79 100

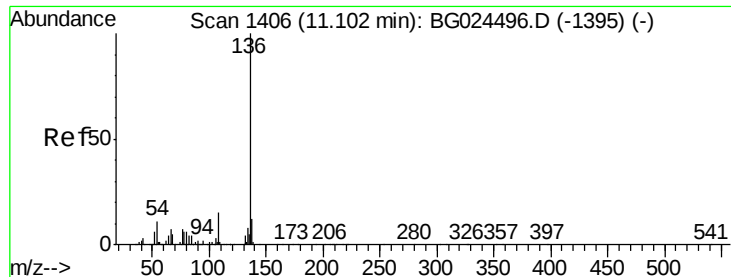
108 28.1 45.5 68.3#

77 67.3 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

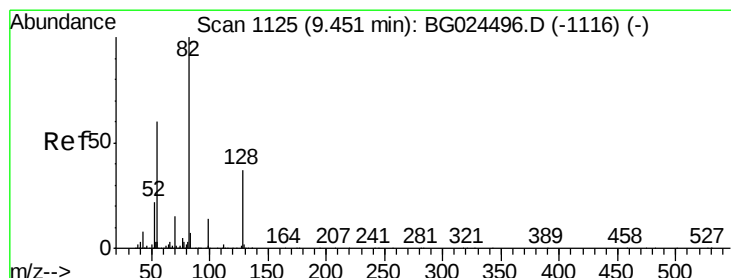
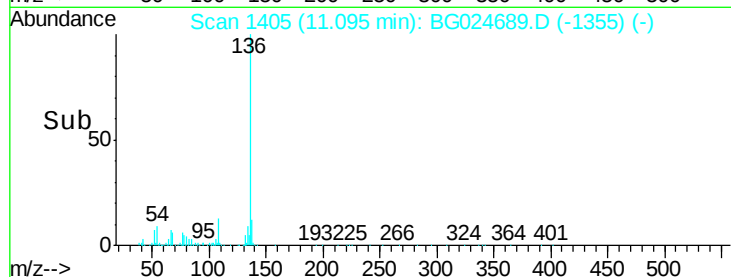
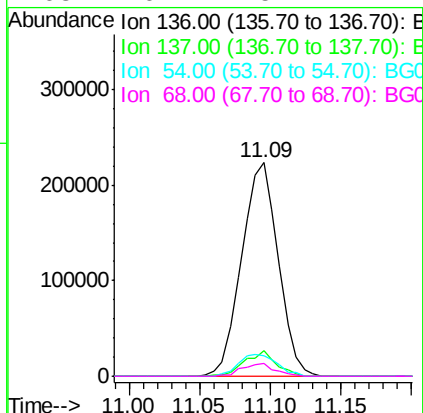
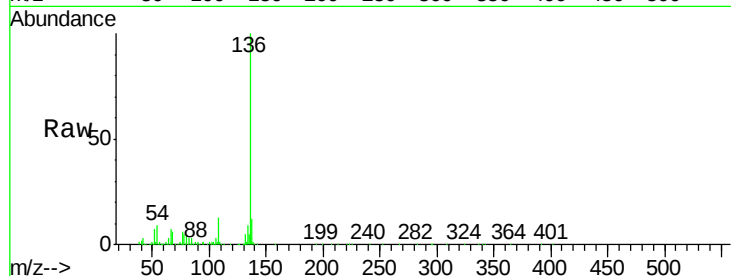




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

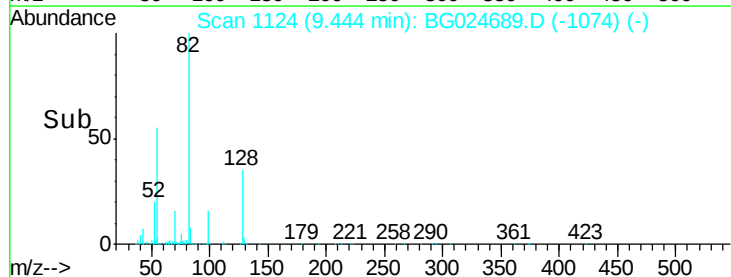
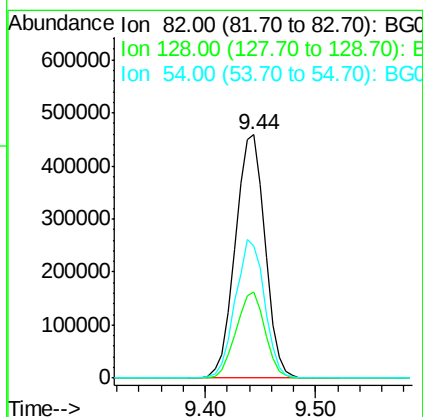
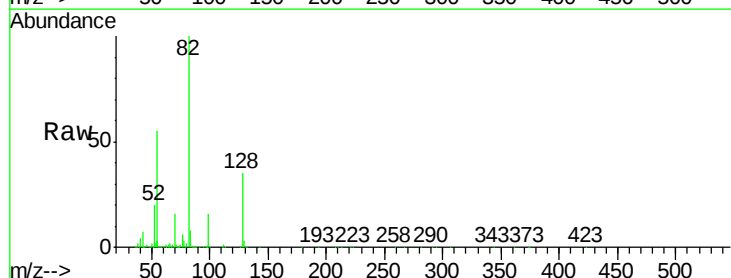
Instrument :
BNA_G
ClientSampleId :
S22-0018

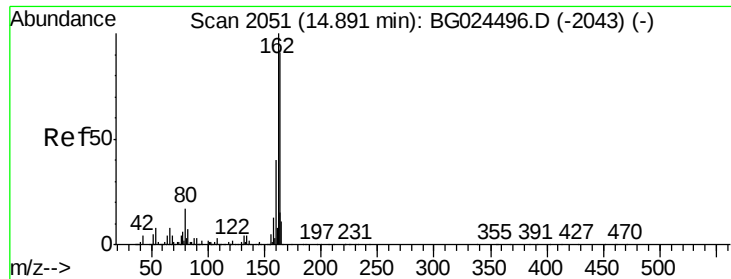
Tgt Ion:	136	Resp:	405024
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.9	13.3
54	9.3	9.3	13.9
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 97.57 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

Tgt Ion:	82	Resp:	867994
Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.4	39.6
54	54.6	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG024689.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_G

ClientSampled :

S22-0018

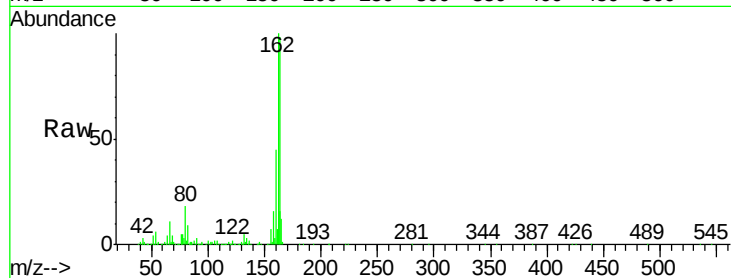
Tgt Ion:164 Resp: 301150

Ion Ratio Lower Upper

164 100

162 102.1 85.1 127.7

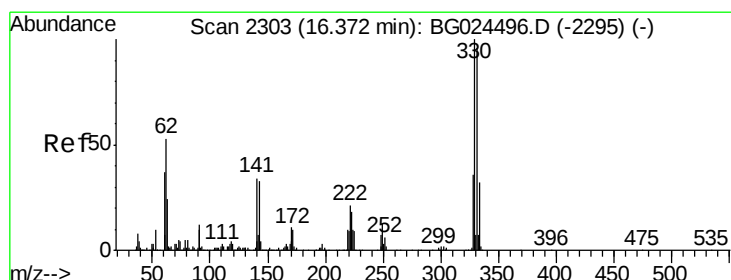
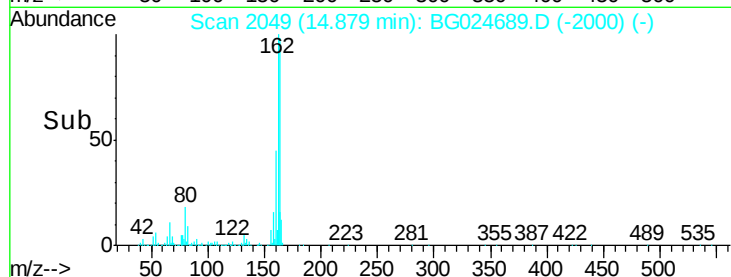
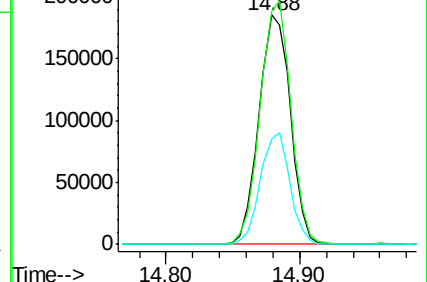
160 45.7 34.7 52.1



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: 152.93 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024689.D

Acq: 4 Nov 2016 23:52

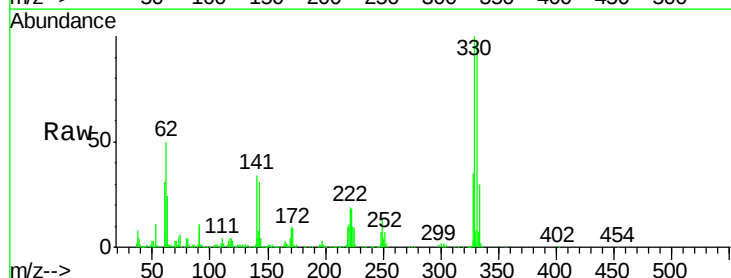
Tgt Ion:330 Resp: 688050

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

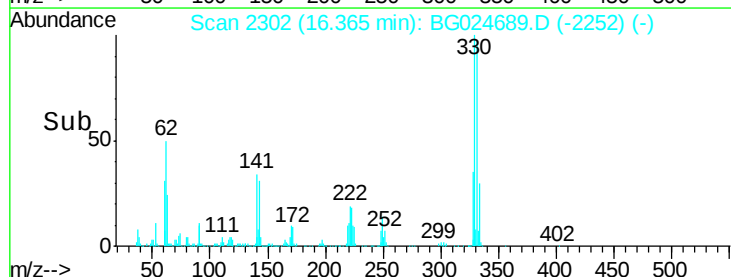
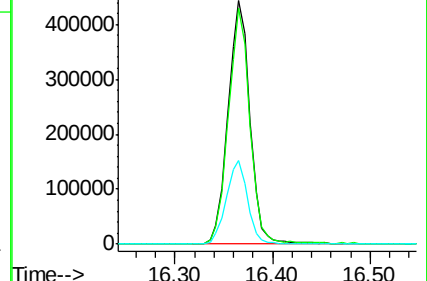
141 33.7 32.1 48.1

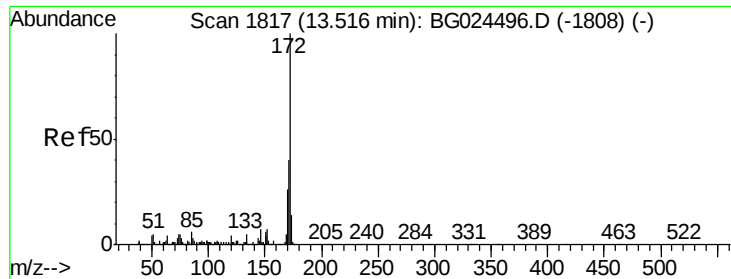


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

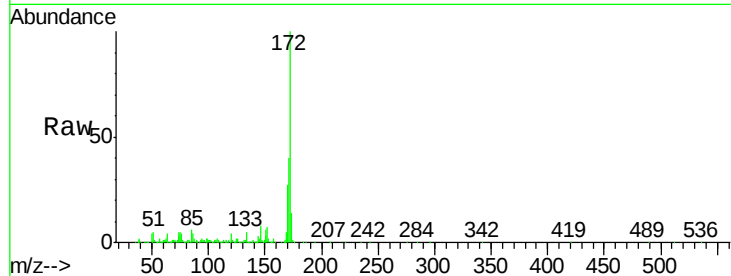




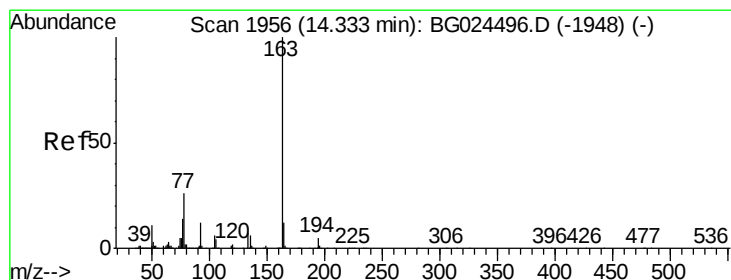
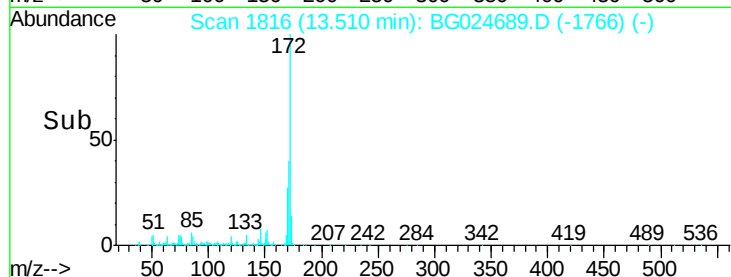
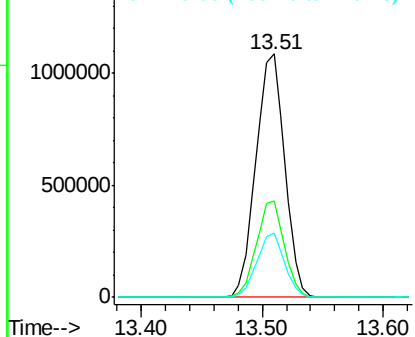
#44
2-Fluorobiphenyl
Concen: 99.57 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

Instrument :
BNA_G
ClientSampleId :
S22-0018

Tgt Ion:172 Resp: 1804026
Ion Ratio Lower Upper
172 100
171 39.7 32.2 48.2
170 26.6 21.8 32.6

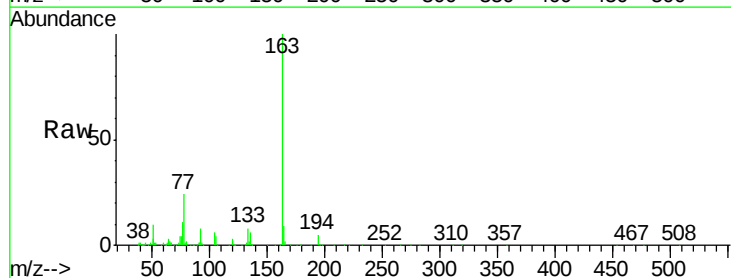


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

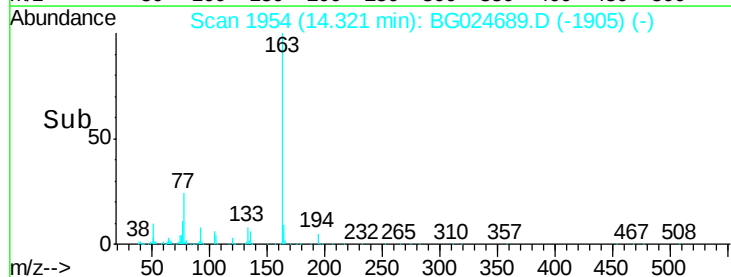
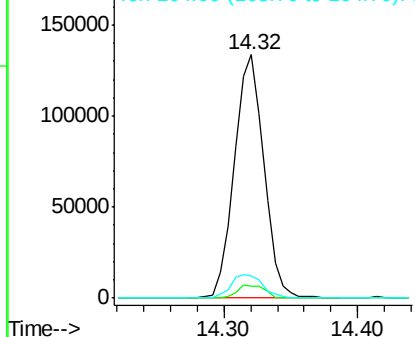


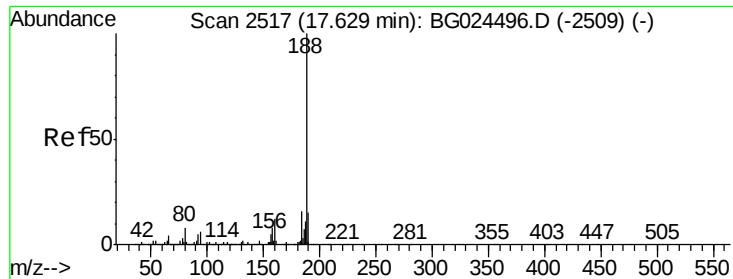
#49
Dimethylphthalate
Concen: 9.61 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024689.D
Acq: 4 Nov 2016 23:52

Tgt Ion:163 Resp: 205439
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.6
164 9.2 9.3 13.9#



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: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024689.D

Acq: 4 Nov 2016 23:52

Instrument :

BNA_G

ClientSampleId :

S22-0018

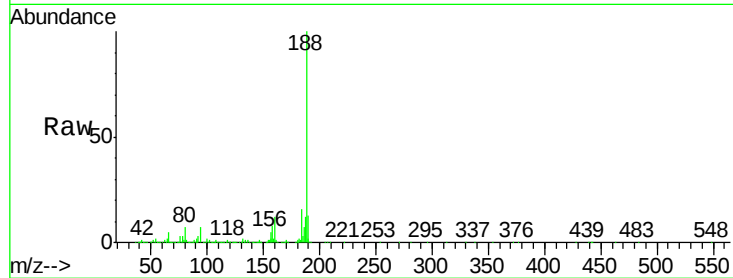
Tgt Ion:188 Resp: 719115

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

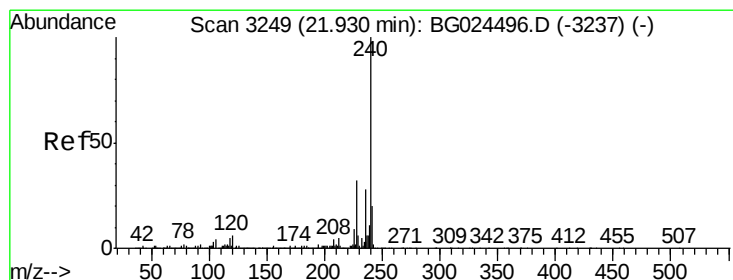
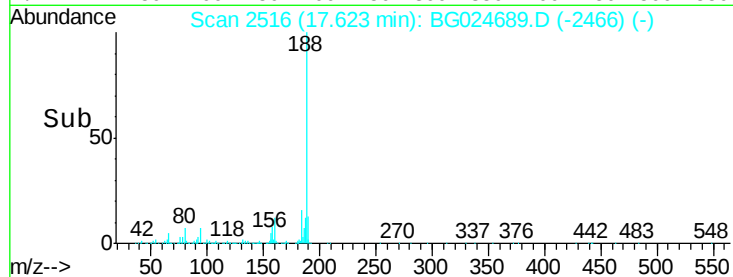
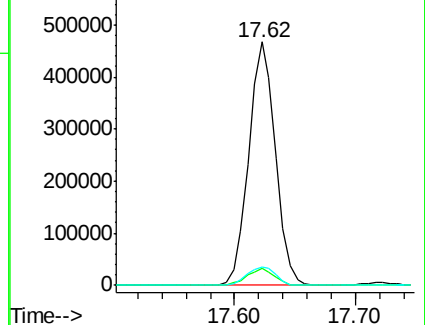
80 7.4 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024689.D

Acq: 4 Nov 2016 23:52

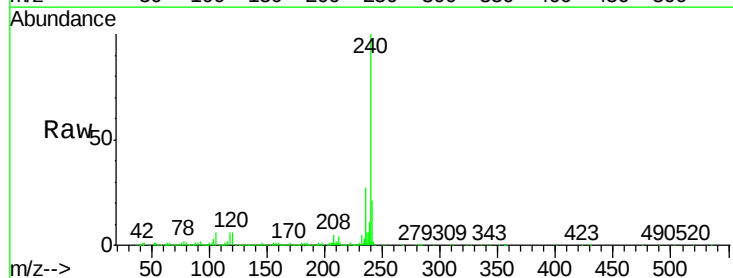
Tgt Ion:240 Resp: 995561

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

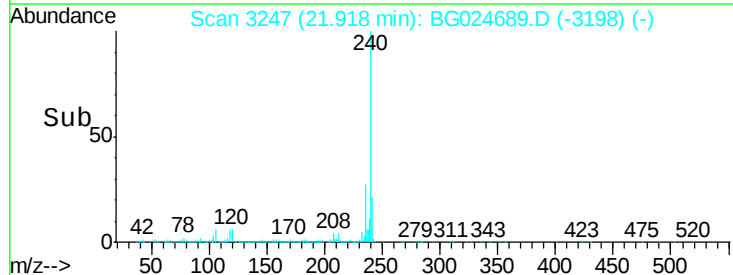
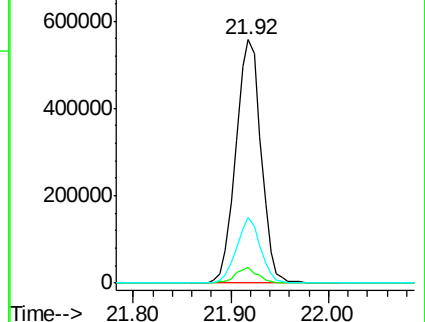
236 27.2 22.2 33.4

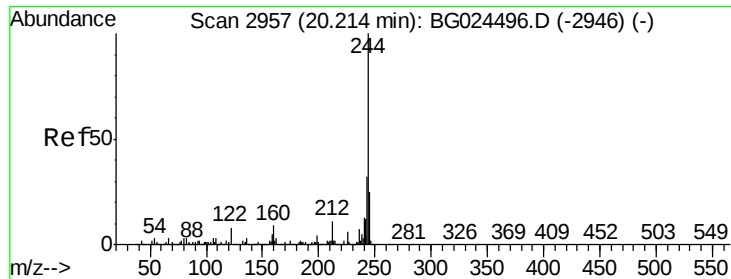


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.55 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024689.D

Acq: 4 Nov 2016 23:52

Instrument :

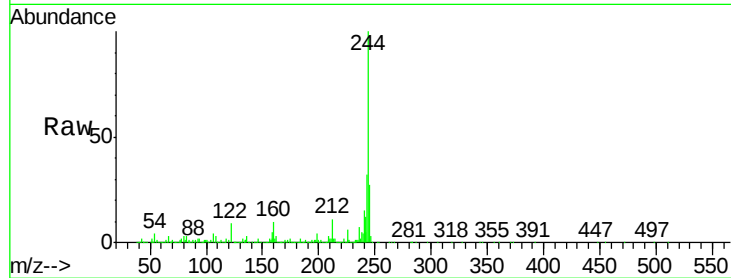
BNA_G

ClientSampleId :

S22-0018

Tgt Ion:244 Resp: 3083424

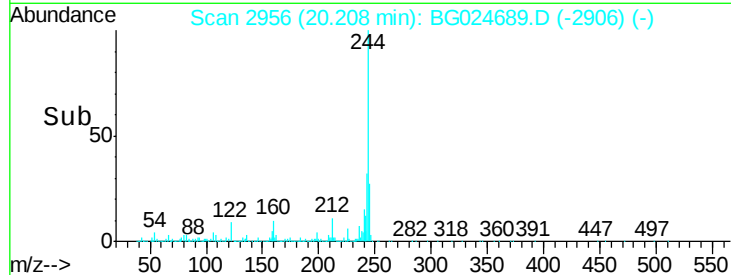
Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.0	15.0
122	9.3	8.6	12.8



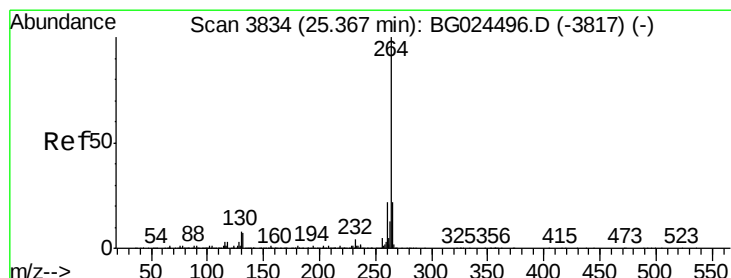
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3831

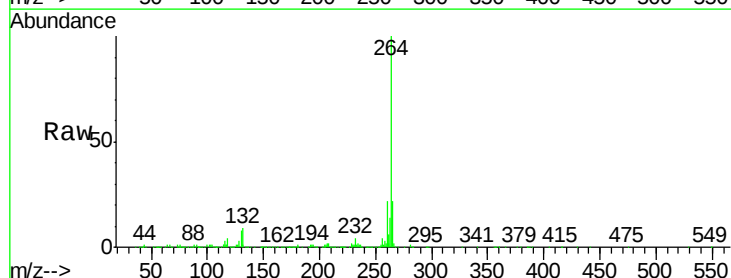
Delta R.T. -0.02 min

Lab File: BG024689.D

Acq: 4 Nov 2016 23:52

Tgt Ion:264 Resp: 1007169

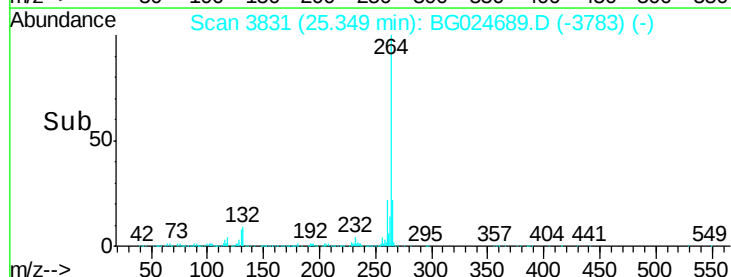
Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	22.2	18.2	27.4



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



Time-->