

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022616\
 Data File : BG021089.D
 Acq On : 26 Feb 2016 22:07
 Operator : UM/SJ
 Sample : H1558-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4

Quant Time: Feb 27 01:18:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

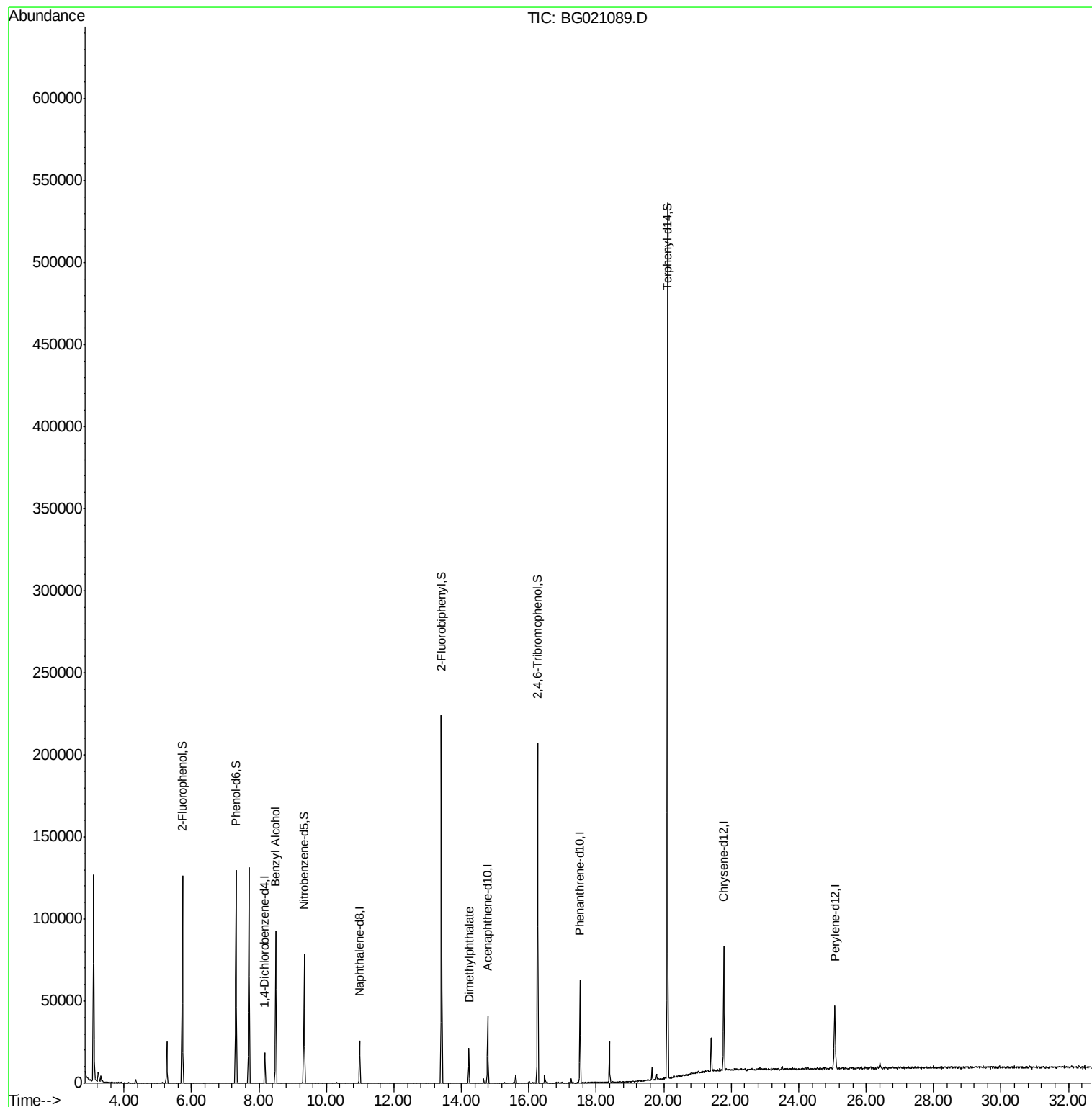
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	5247	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	21575	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	14523	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	37523	20.00	ng	0.00
75) Chrysene-d12	21.78	240	46927	20.00	ng	-0.01
86) Perylene-d12	25.07	264	43130	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	48858	163.02	ng	0.00
7) Phenol-d6	7.31	99	71431	160.17	ng	-0.01
23) Nitrobenzene-d5	9.34	82	47428	104.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	32147	168.83	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	111265	98.04	ng	0.00
78) Terphenyl-d14	20.10	244	228143	113.62	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	816	2.09	ng	# 54
49) Dimethylphthalate	14.22	163	13231	10.57	ng	# 96

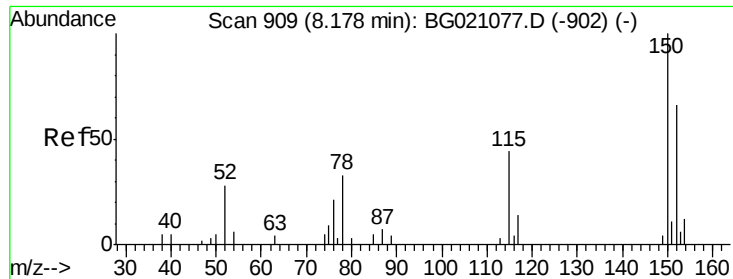
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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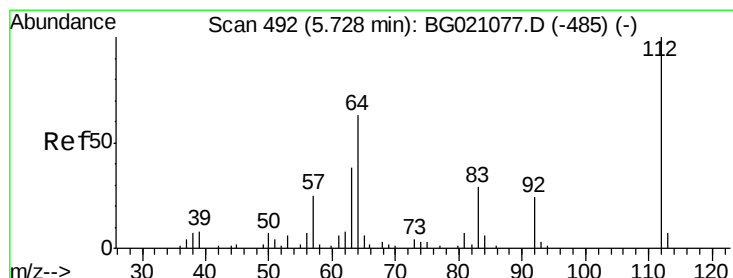
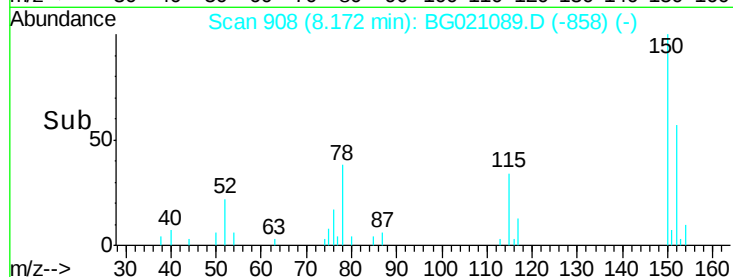
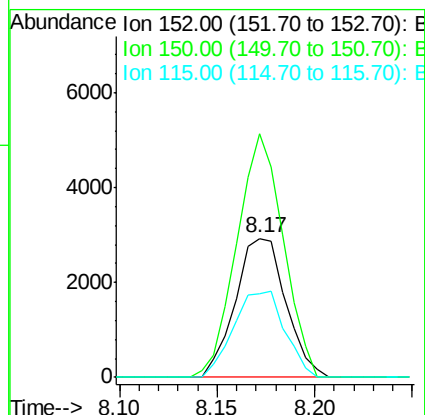
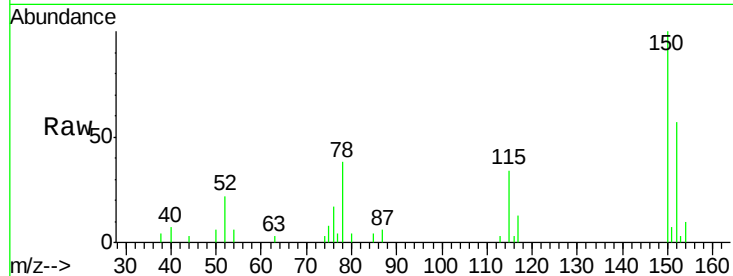


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG021089.D
Acq: 26 Feb 2016 22:07

Instrument :
BNA_G
ClientSampleId :
S4

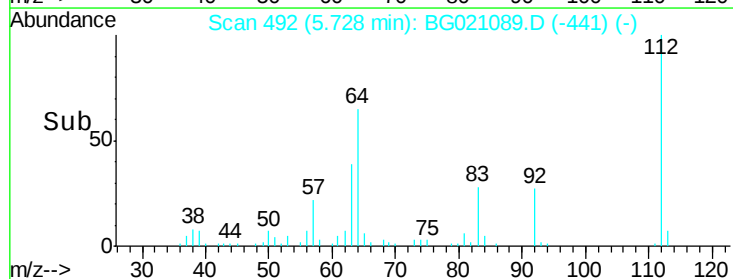
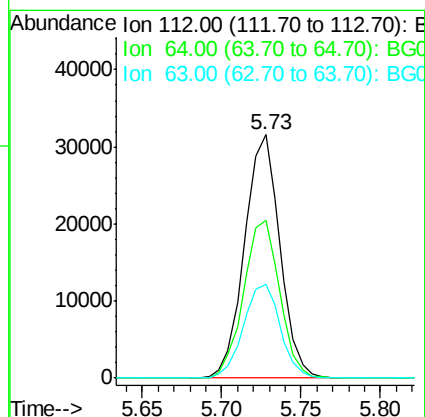
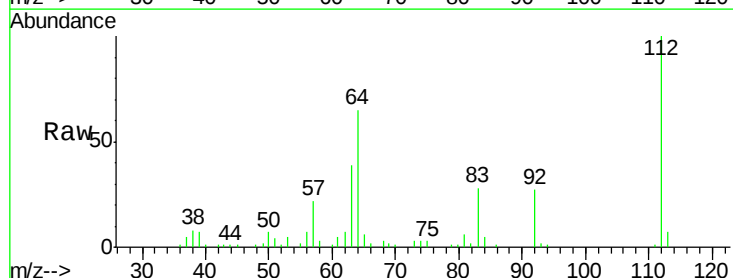
Tgt Ion:152 Resp: 5247
Ion Ratio Lower Upper
152 100
150 175.1 123.4 185.2
115 60.3 43.3 64.9

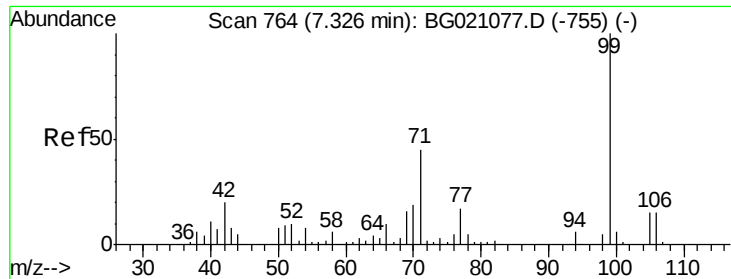


#5

2-Fluorophenol
Concen: 163.02 ng
RT: 5.73 min Scan# 492
Delta R.T. 0.00 min
Lab File: BG021089.D
Acq: 26 Feb 2016 22:07

Tgt Ion:112 Resp: 48858
Ion Ratio Lower Upper
112 100
64 65.1 42.6 63.8#
63 38.6 21.7 32.5#





#7

Phenol-d6

Concen: 160.17 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

Instrument :

BNA_G

ClientSampled :

S4

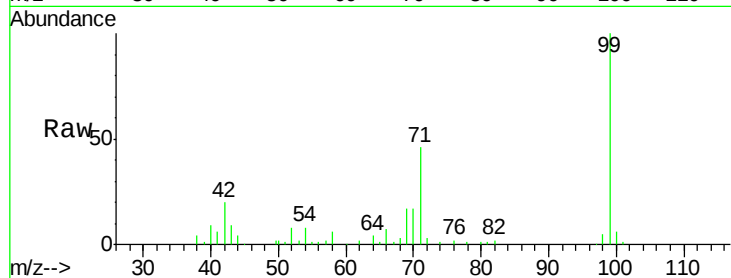
Tgt Ion: 99 Resp: 71431

Ion Ratio Lower Upper

99 100

42 20.2 13.2 19.8#

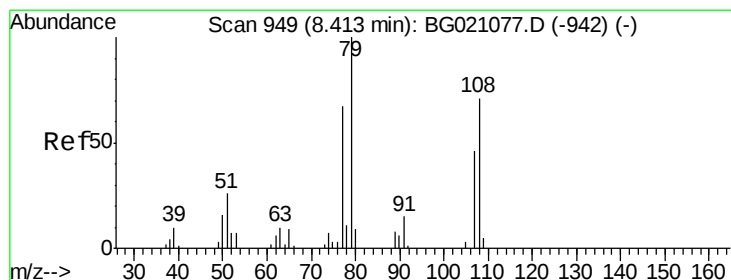
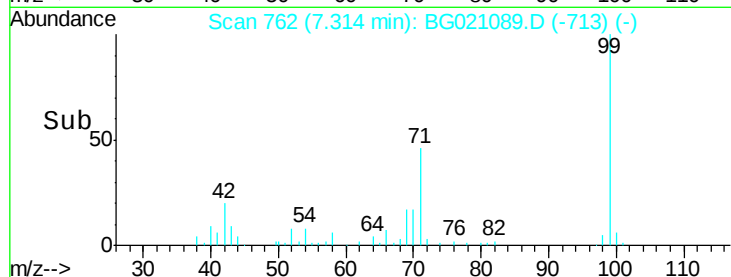
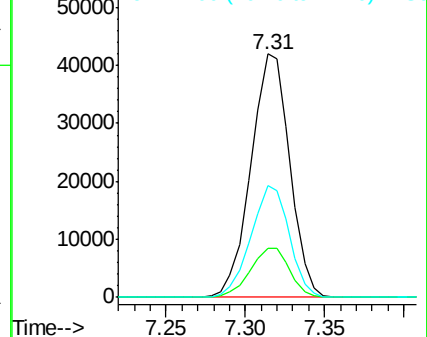
71 46.1 25.2 37.8#



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 8.49 min Scan# 963

Delta R.T. 0.08 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

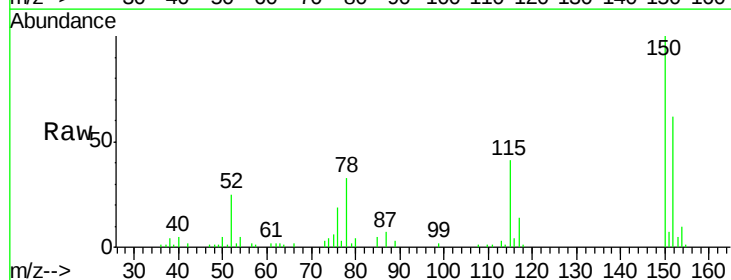
Tgt Ion: 79 Resp: 816

Ion Ratio Lower Upper

79 100

108 60.3 65.1 97.7#

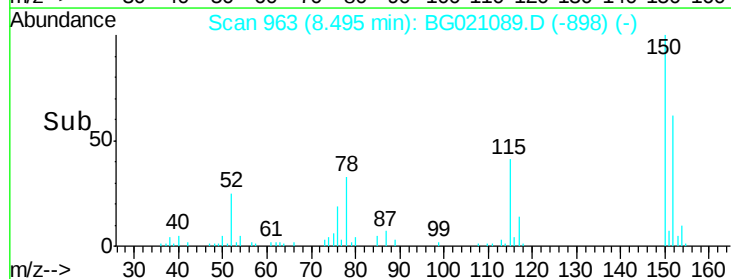
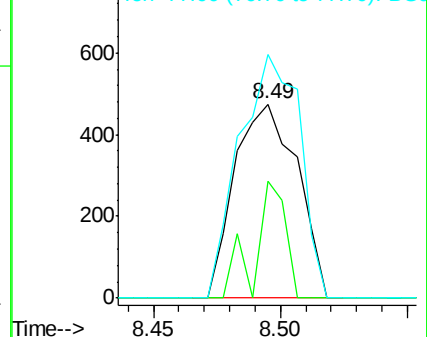
77 125.7 53.8 80.8#

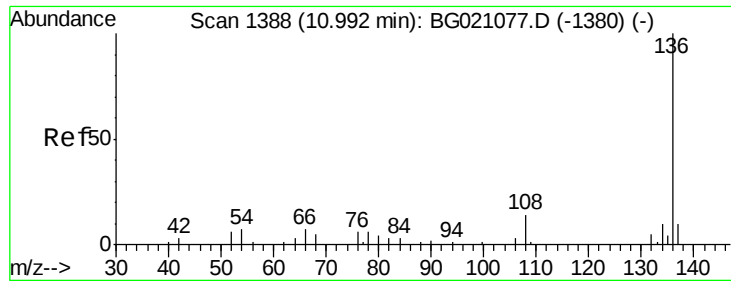


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

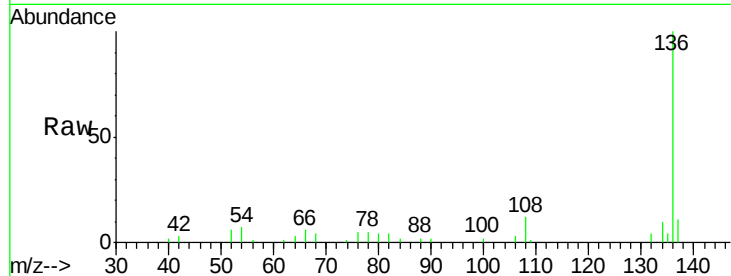




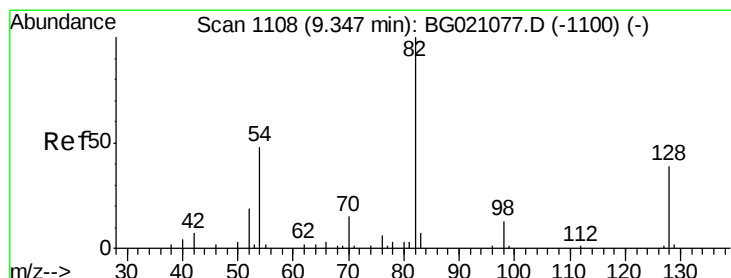
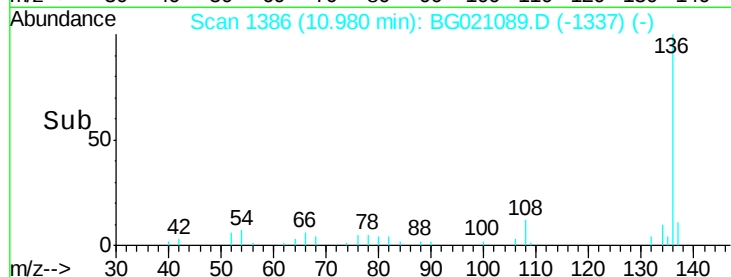
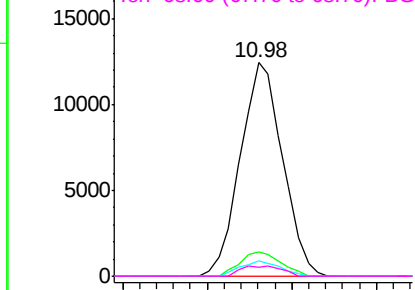
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG021089.D
Acq: 26 Feb 2016 22:07

Instrument :
BNA_G
ClientSampleId :
S4

Tgt Ion:	136	Resp:	21575
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	6.9	10.3
68	4.1	5.8	8.6#

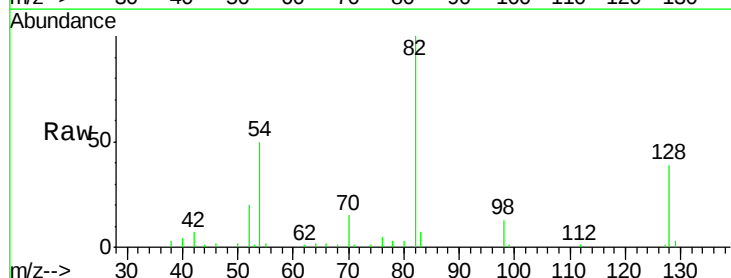


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

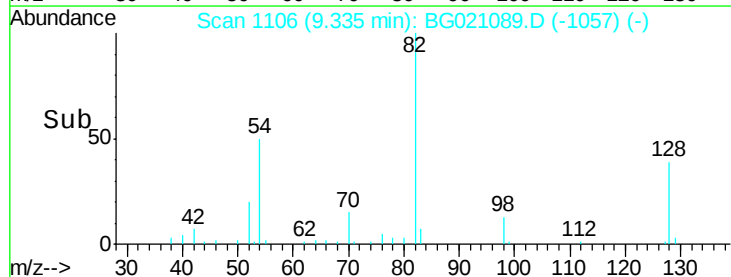
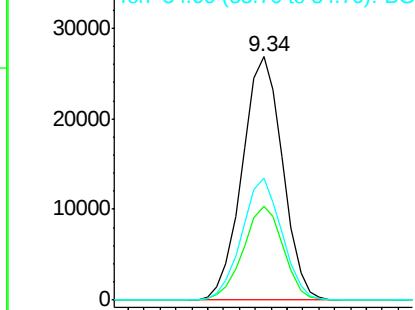


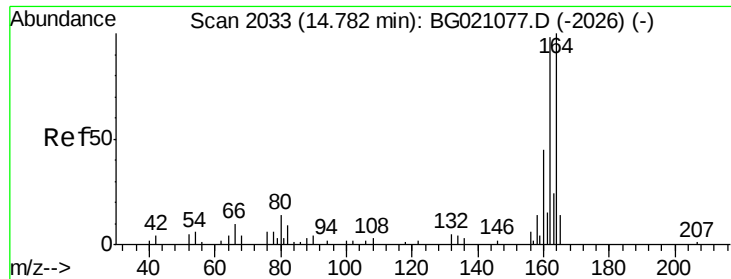
#23
Nitrobenzene-d5
Concen: 104.74 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BG021089.D
Acq: 26 Feb 2016 22:07

Tgt Ion:	82	Resp:	47428
Ion	Ratio	Lower	Upper
82	100		
128	38.6	36.3	54.5
54	50.0	37.6	56.4



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

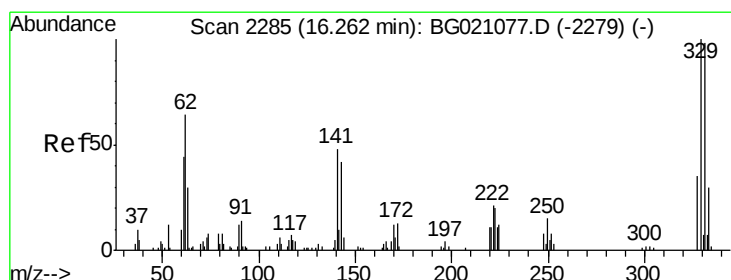
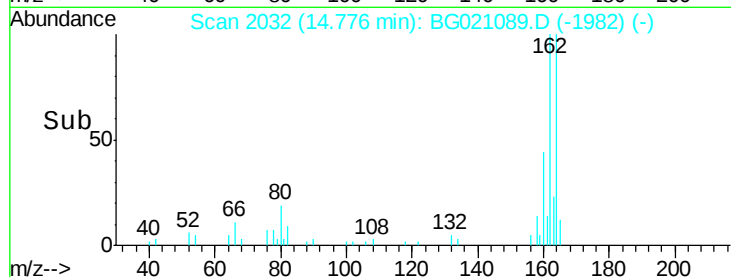
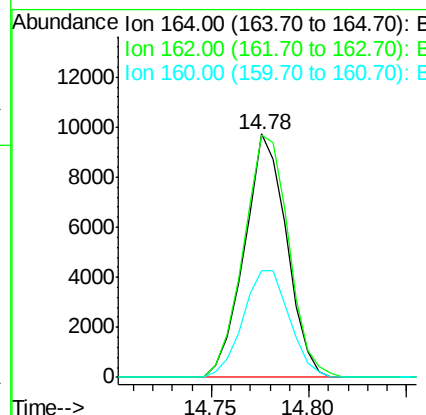
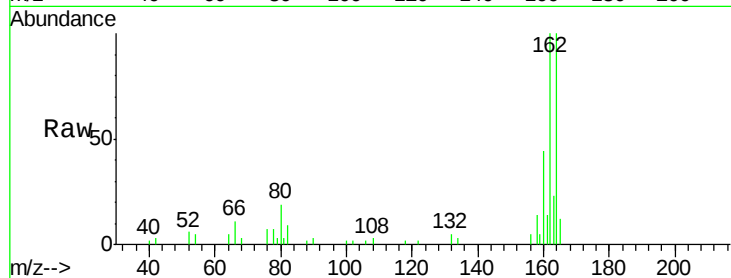




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG021089.D
Acq: 26 Feb 2016 22:07

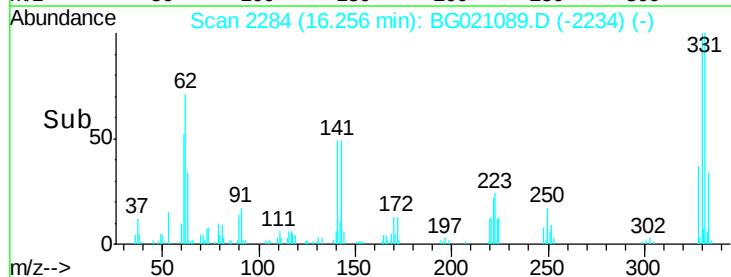
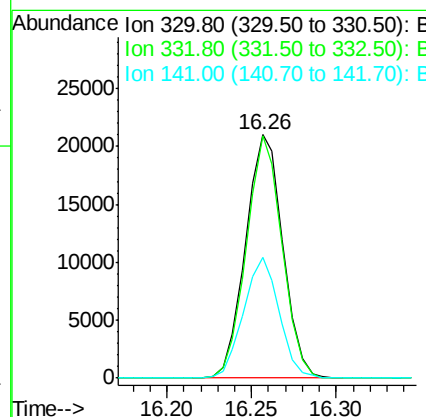
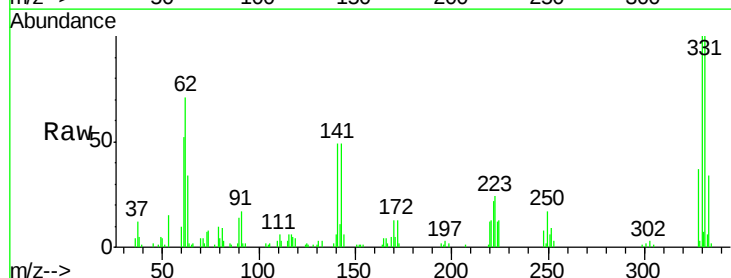
Instrument :
BNA_G
ClientSampleId :
S4

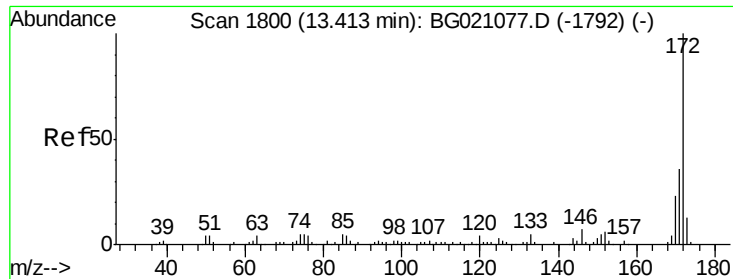
Tgt Ion:164 Resp: 14523
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 43.8 36.5 54.7



#41
2,4,6-Tribromophenol
Concen: 168.83 ng
RT: 16.26 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG021089.D
Acq: 26 Feb 2016 22:07

Tgt Ion:330 Resp: 32147
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.0
141 47.4 35.3 52.9

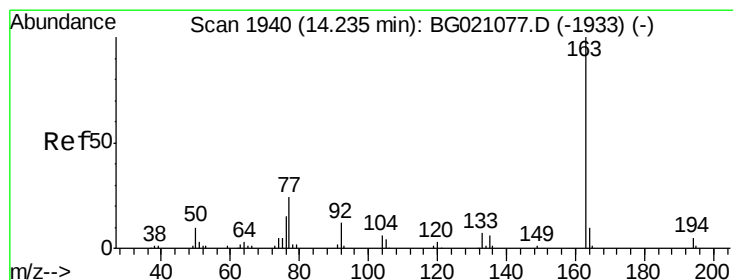
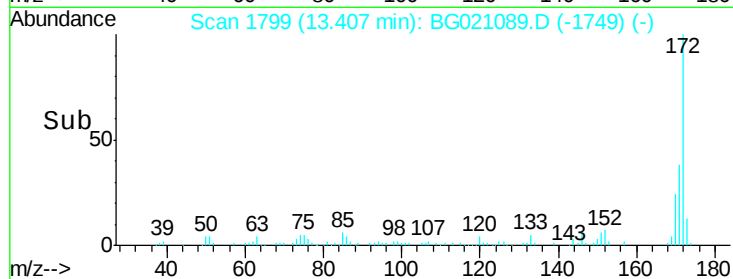
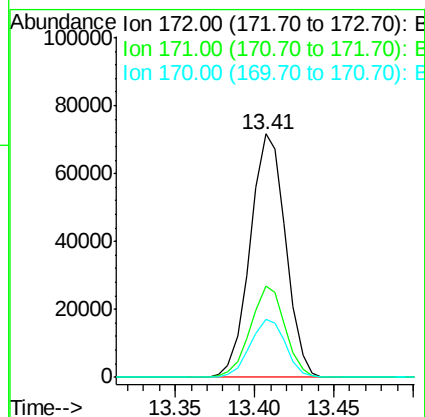
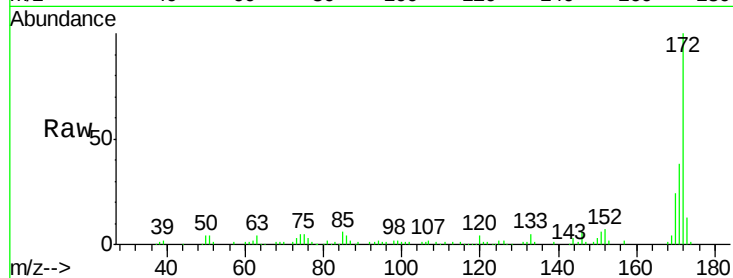




#44
2-Fluorobiphenyl
Concen: 98.04 ng
RT: 13.41 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG021089.D
Acq: 26 Feb 2016 22:07

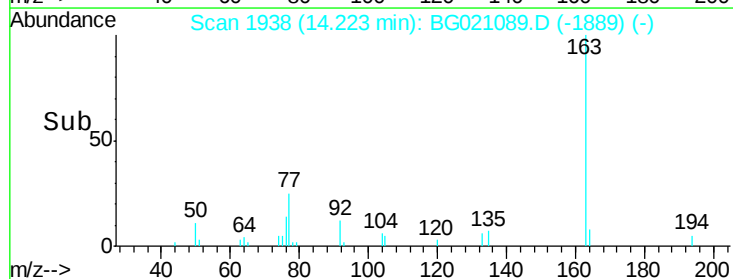
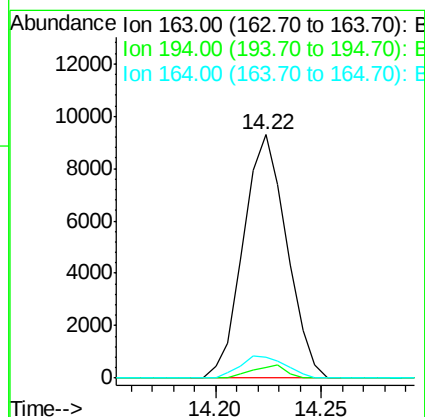
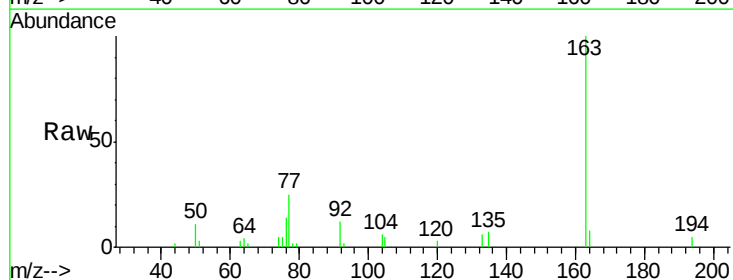
Instrument :
BNA_G
ClientSampleId :
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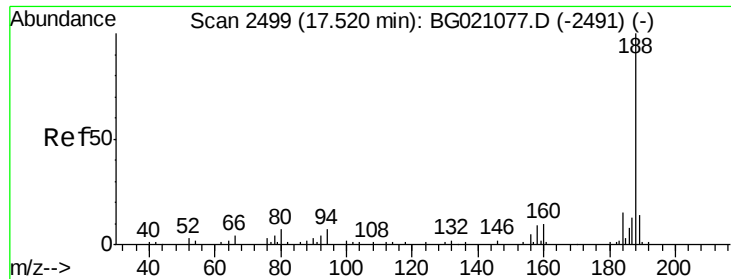
Tgt Ion:172 Resp: 111265
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.0
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 10.57 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG021089.D
Acq: 26 Feb 2016 22:07

Tgt Ion:163 Resp: 13231
Ion Ratio Lower Upper
163 100
194 4.6 2.8 4.2#
164 8.4 7.9 11.9

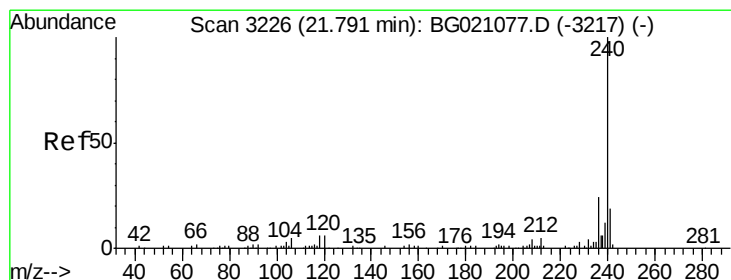
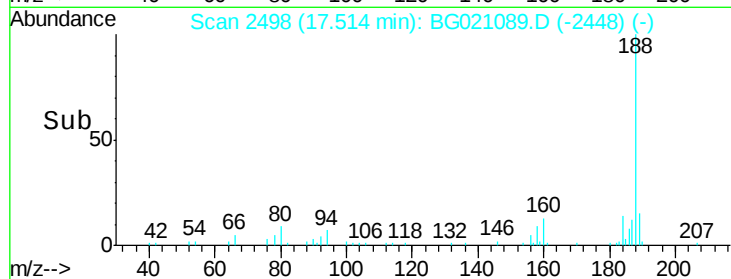
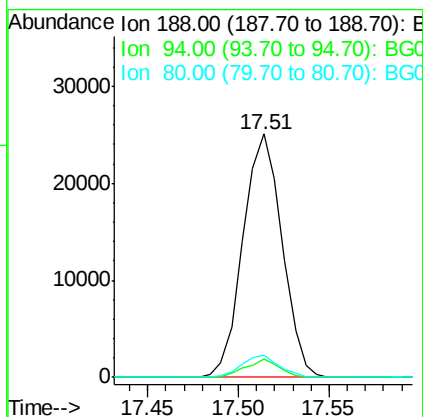
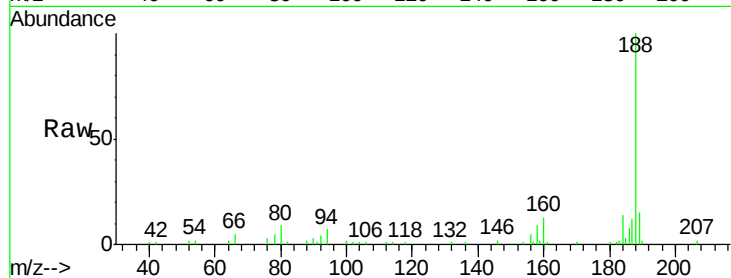




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BG021089.D
Acq: 26 Feb 2016 22:07

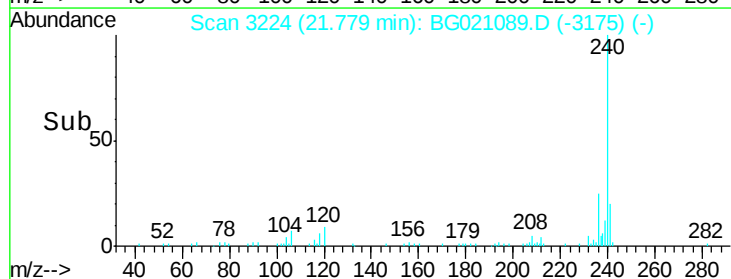
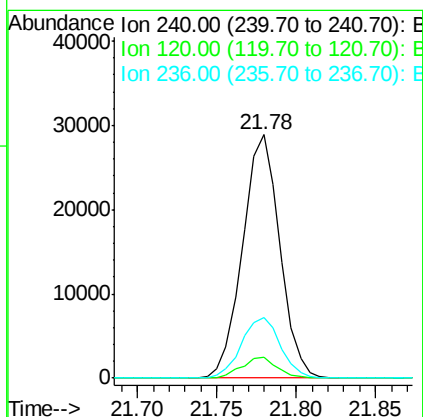
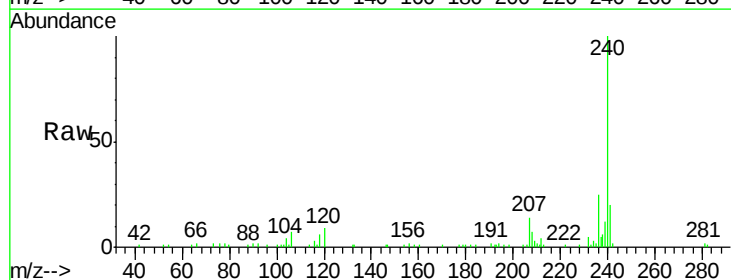
Instrument :
BNA_G
ClientSampleId :
S4

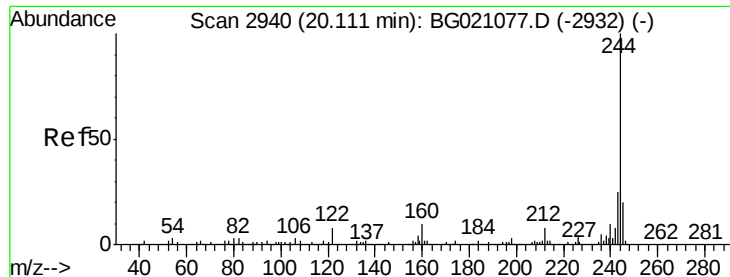
Tgt Ion:188 Resp: 37523
Ion Ratio Lower Upper
188 100
94 7.4 8.2 12.4#
80 9.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG021089.D
Acq: 26 Feb 2016 22:07

Tgt Ion:240 Resp: 46927
Ion Ratio Lower Upper
240 100
120 8.7 7.5 11.3
236 25.0 20.5 30.7





#78

Terphenyl-d14

Concen: 113.62 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.01 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

Instrument :

BNA_G

ClientSampleId :

S4

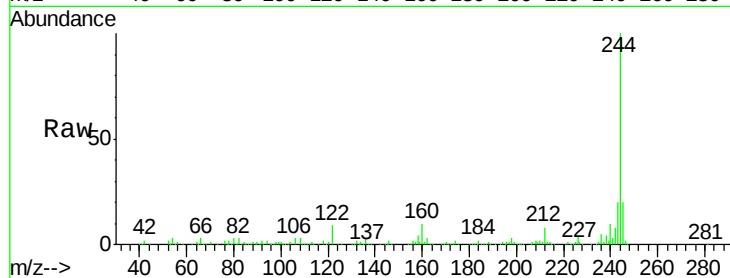
Tgt Ion:244 Resp: 228143

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

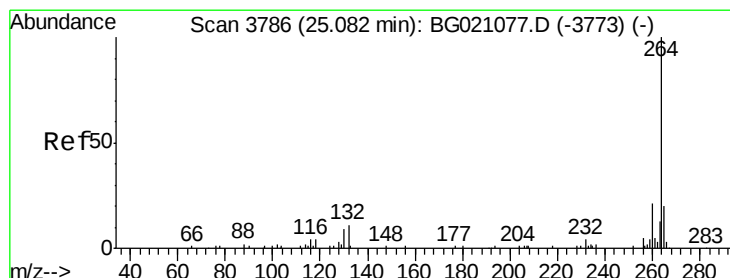
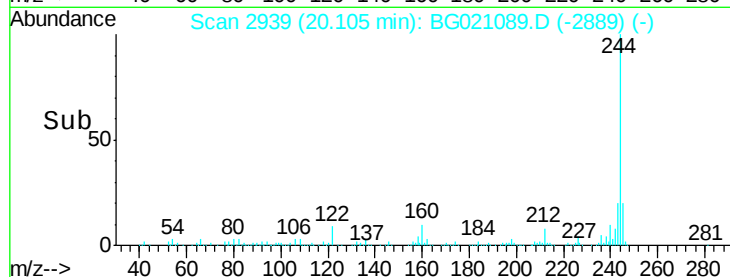
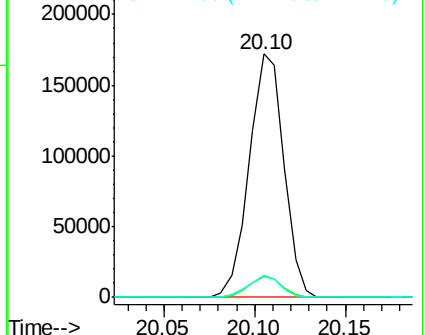
122 8.9 8.3 12.5



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: 20.00 ng

RT: 25.07 min Scan# 3784

Delta R.T. -0.01 min

Lab File: BG021089.D

Acq: 26 Feb 2016 22:07

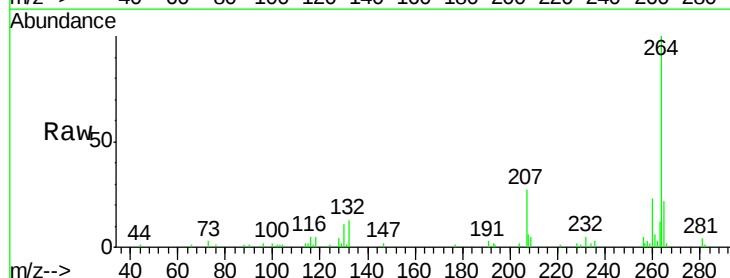
Tgt Ion:264 Resp: 43130

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 22.3 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

