

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024680.D
 Acq On : 4 Nov 2016 13:22
 Operator : UM/SJ
 Sample : H5502-20
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-88-19.5-20.0

Quant Time: Nov 04 14:28:23 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

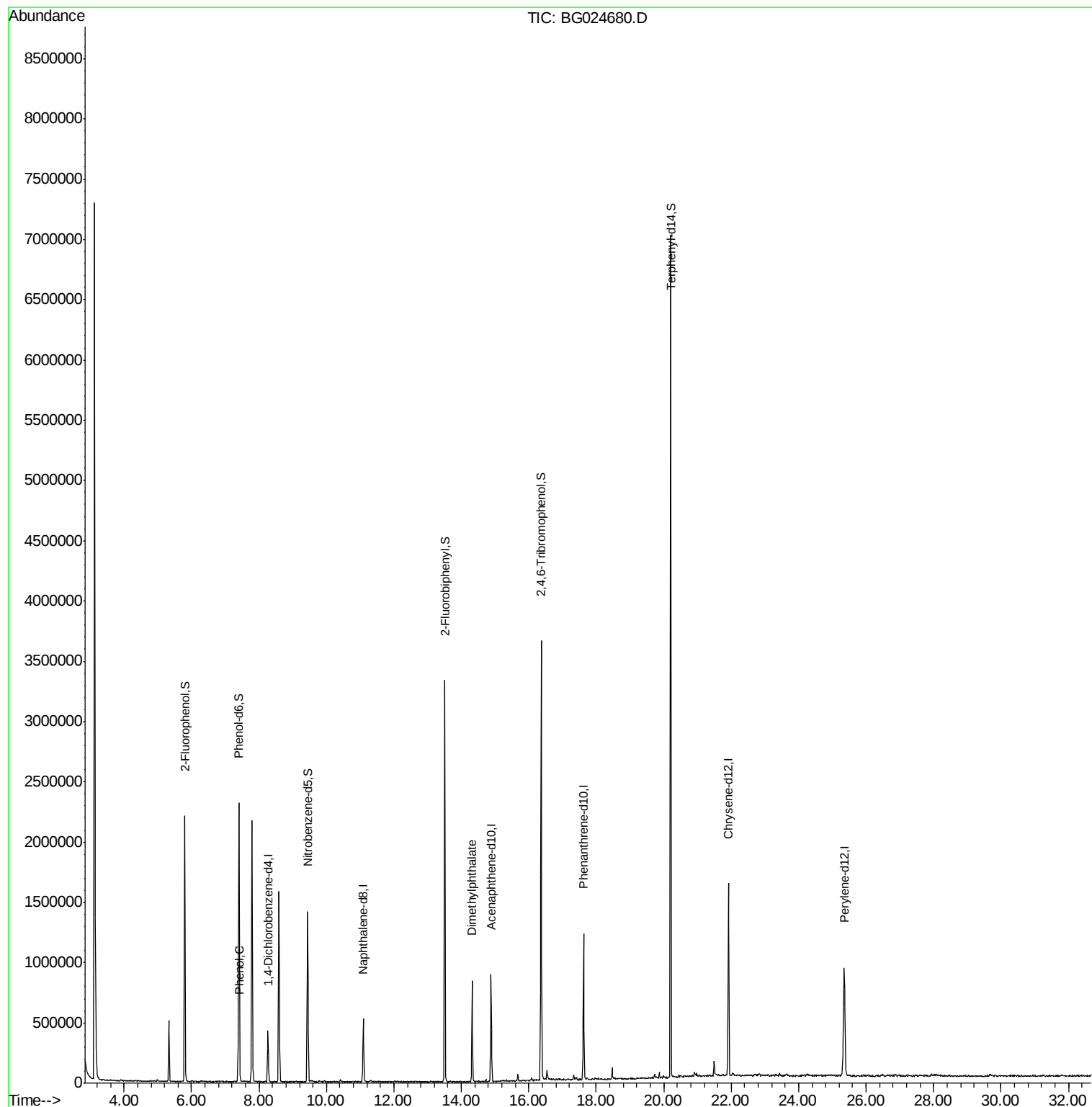
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	106966	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	416984	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	310368	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	766961	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1071574	20.00	ng	0.00
86) Perylene-d12	25.35	264	1116757	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	883061	135.31	ng	0.00
7) Phenol-d6	7.40	99	1245781	139.16	ng	0.00
23) Nitrobenzene-d5	9.44	82	895859	97.82	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	720212	155.33	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1677962	89.86	ng	0.00
78) Terphenyl-d14	20.21	244	2929866	81.70	ng	0.00
Target Compounds						
10) Phenol	7.43	94	20445	2.22	ng	93
49) Dimethylphthalate	14.32	163	519446	23.57	ng	97

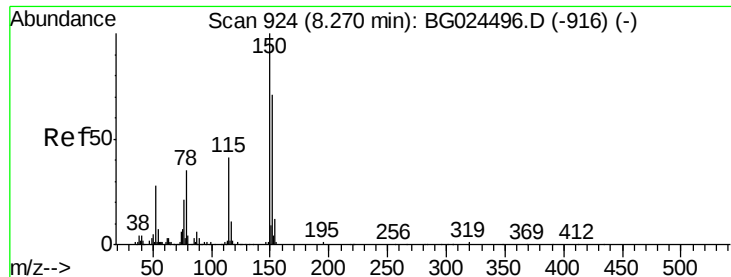
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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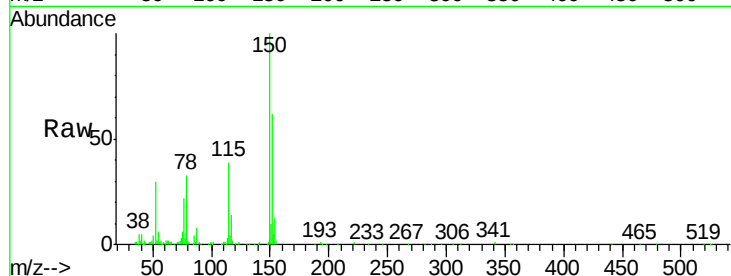


#1

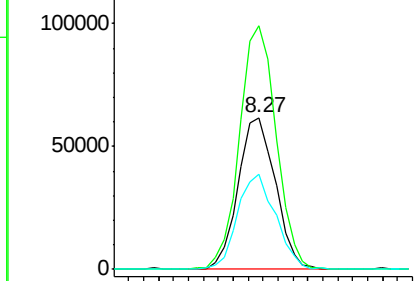
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Instrument :
BNA_G
ClientSampleId :
SB-88-19.5-20.0

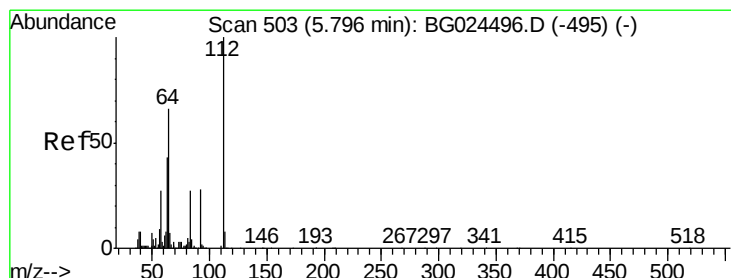
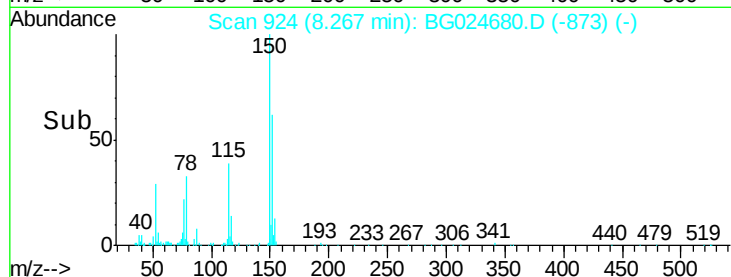
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.1	114.0	171.0
115	62.6	48.1	72.1



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



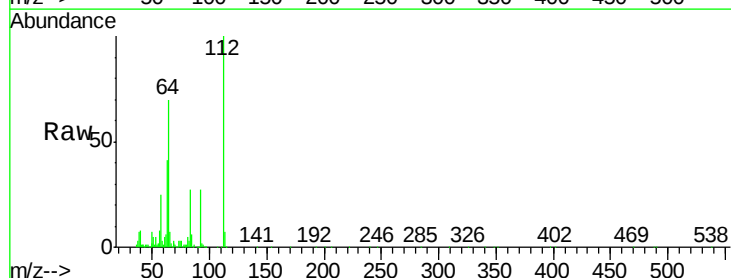
Time-->



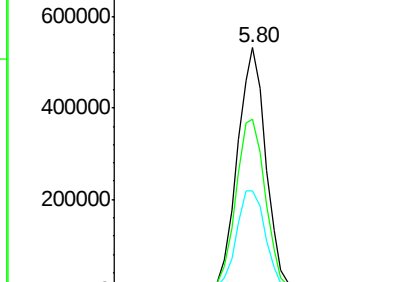
#5

2-Fluorophenol
Concen: 135.31 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

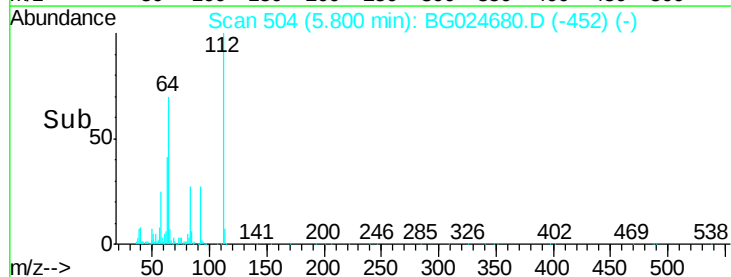
Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	61.8	92.6
63	41.4	37.2	55.8

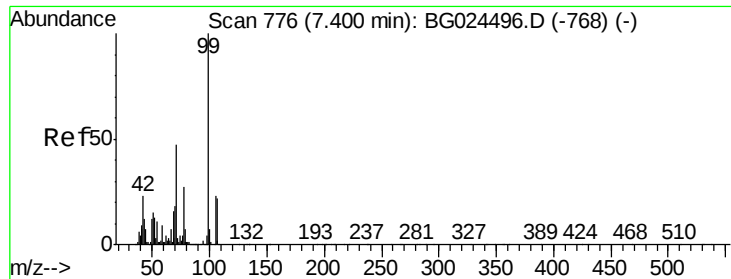


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 139.16 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024680.D

Acq: 4 Nov 2016 13:22

Instrument :

BNA_G

ClientSampleId :

SB-88-19.5-20.0

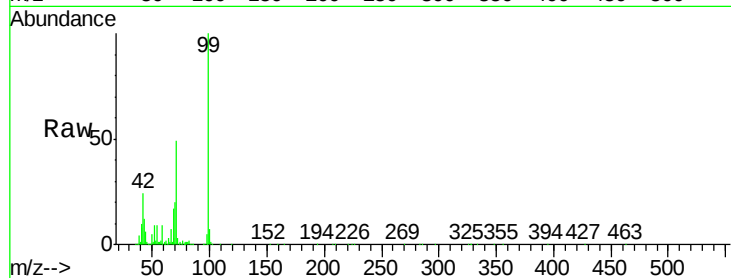
Tgt Ion: 99 Resp: 1245781

Ion	Ratio	Lower	Upper
99	100		
42	23.9	20.5	30.7
71	48.9	37.6	56.4

99 100

42 23.9 20.5 30.7

71 48.9 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

800000

600000

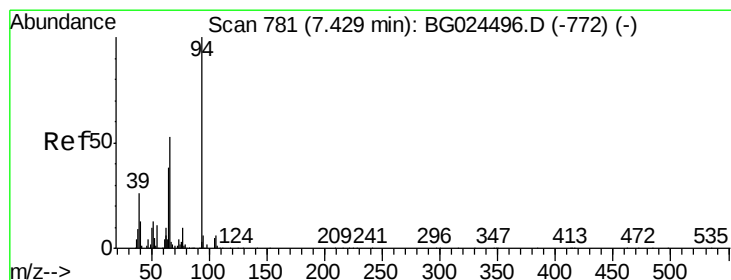
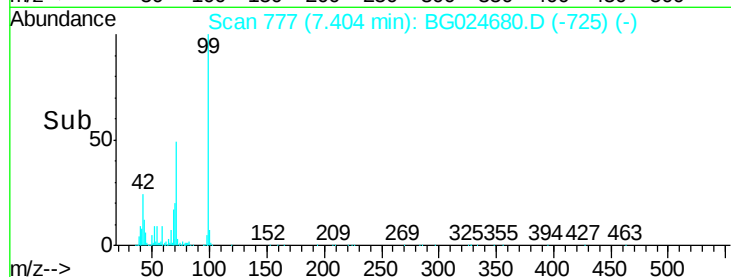
400000

200000

0

7.40

Time--> 7.30 7.35 7.40 7.45 7.50



#10

Phenol

Concen: 2.22 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024680.D

Acq: 4 Nov 2016 13:22

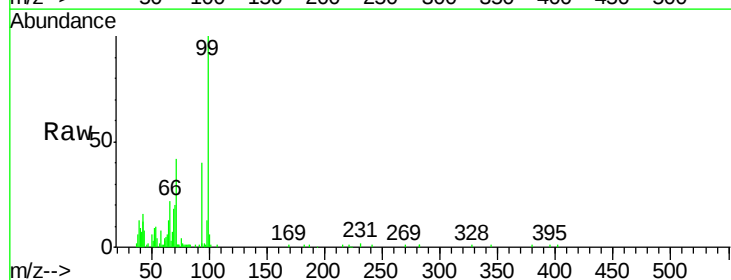
Tgt Ion: 94 Resp: 20445

Ion	Ratio	Lower	Upper
94	100		
65	31.6	20.6	60.6
66	56.5	35.5	75.5

94 100

65 31.6 20.6 60.6

66 56.5 35.5 75.5



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

60000

50000

40000

30000

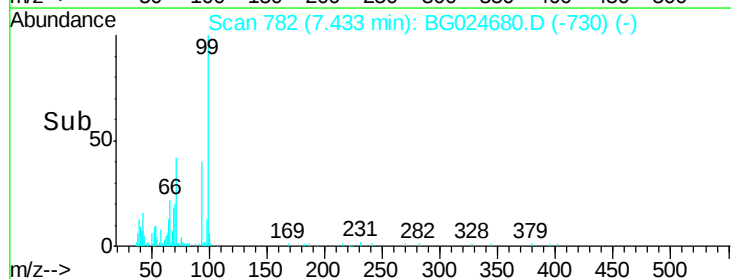
20000

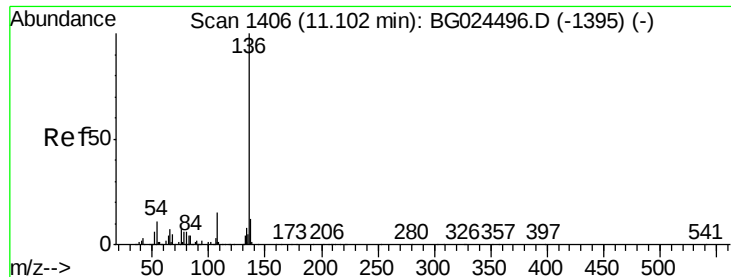
10000

0

7.43

Time--> 7.40 7.45 7.50

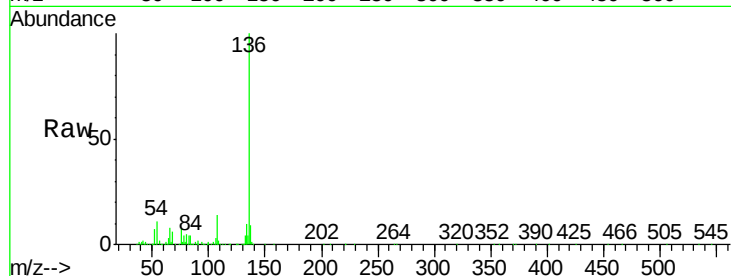




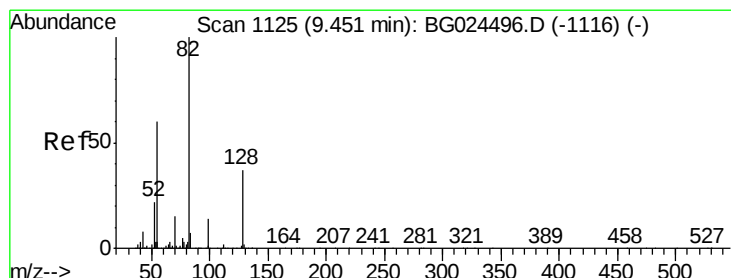
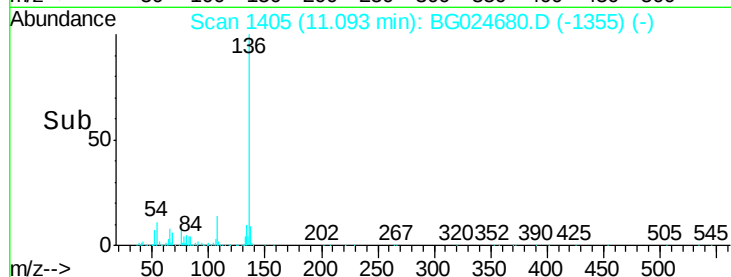
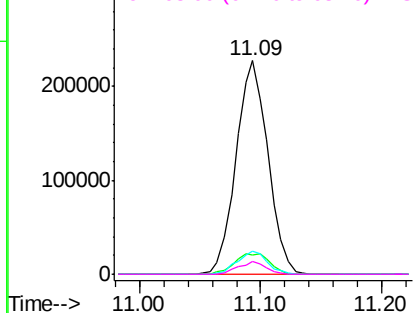
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Instrument :
BNA_G
ClientSampleId :
SB-88-19.5-20.0

Tgt Ion:	136	Resp:	416984
Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.9	13.3
54	10.7	9.3	13.9
68	6.0	5.1	7.7

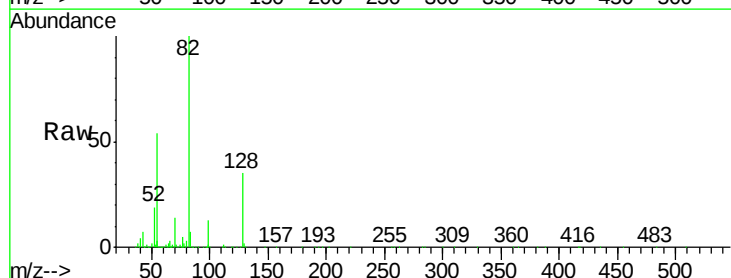


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

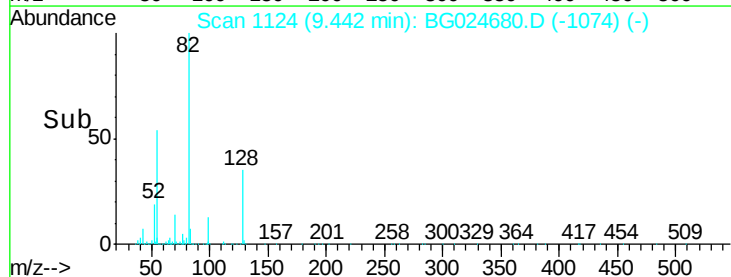
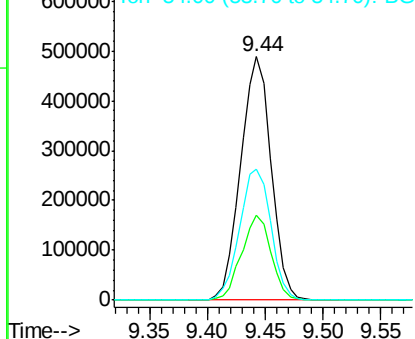


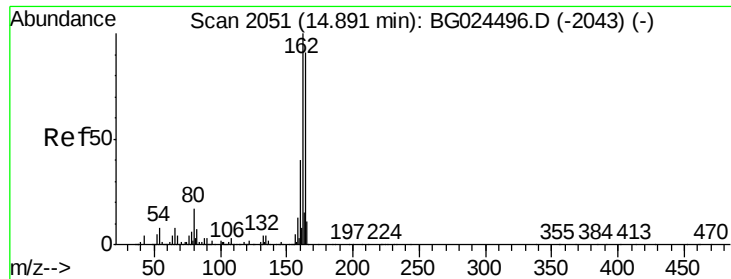
#23
Nitrobenzene-d5
Concen: 97.82 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Tgt Ion:	82	Resp:	895859
Ion	Ratio	Lower	Upper
82	100		
128	34.8	26.4	39.6
54	53.6	49.4	74.2



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

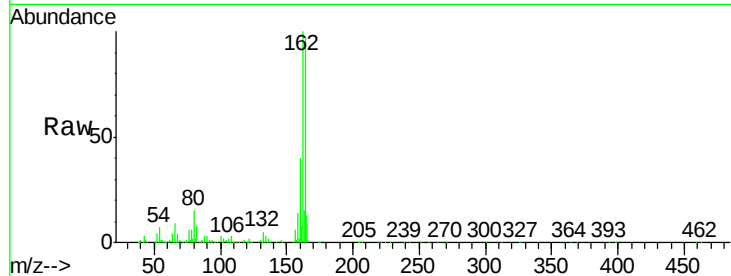




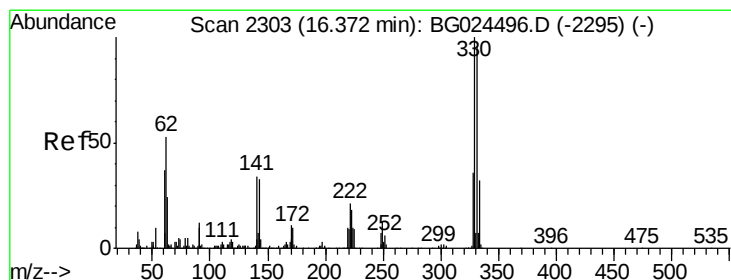
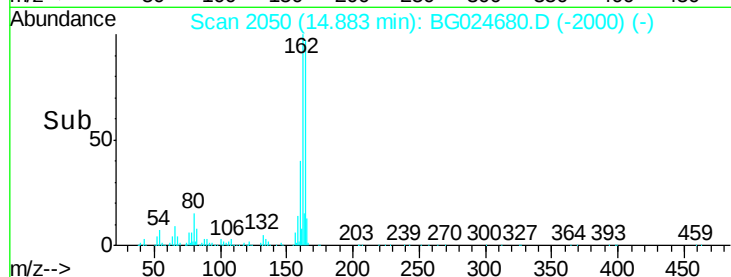
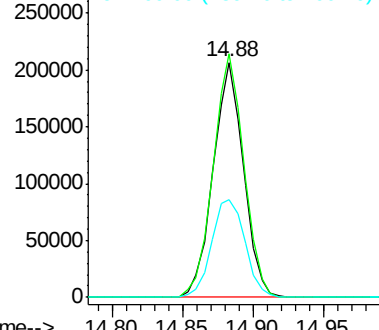
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Instrument :
BNA_G
ClientSampleId :
SB-88-19.5-20.0

Tgt Ion:164 Resp: 310368
Ion Ratio Lower Upper
164 100
162 103.5 85.1 127.7
160 41.4 34.7 52.1

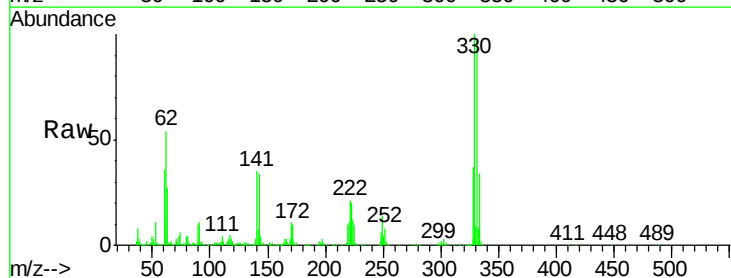


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

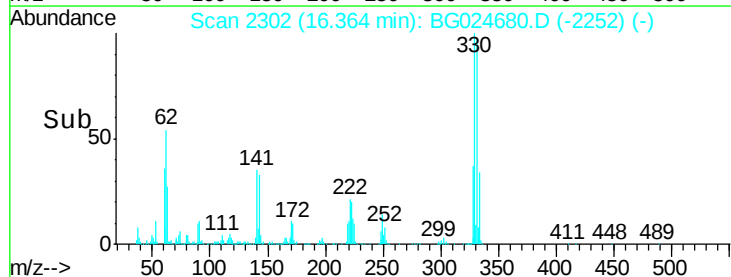
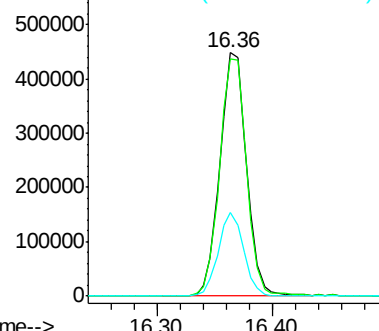


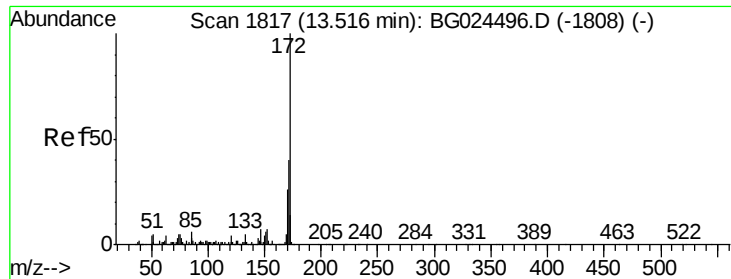
#41
2,4,6-Tribromophenol
Concen: 155.33 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Tgt Ion:330 Resp: 720212
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 32.9 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

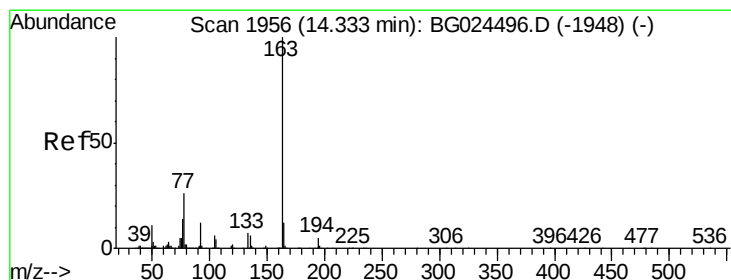
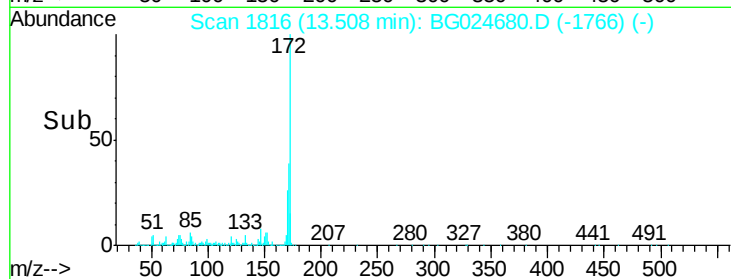
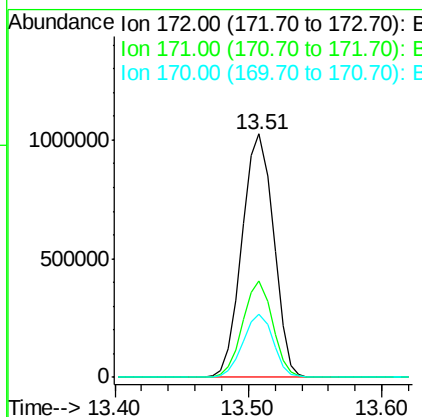
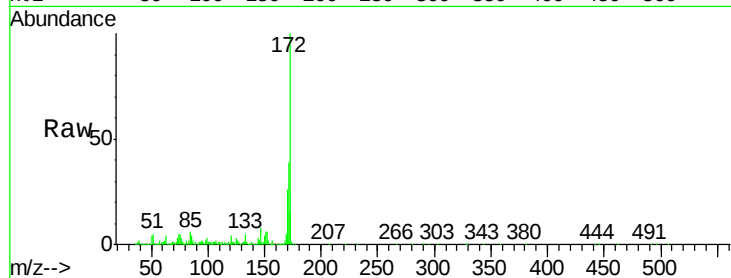




#44
2-Fluorobiphenyl
Concen: 89.86 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

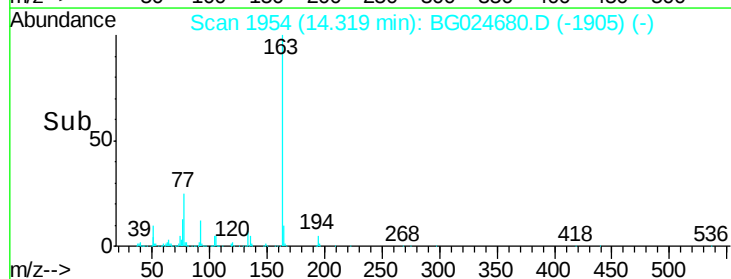
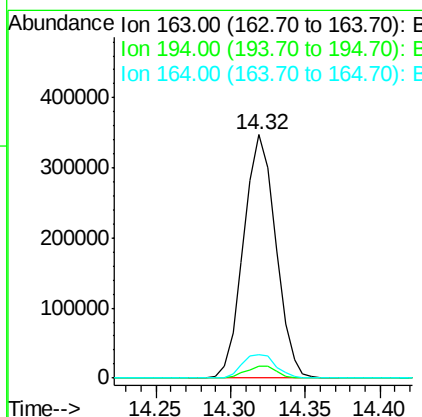
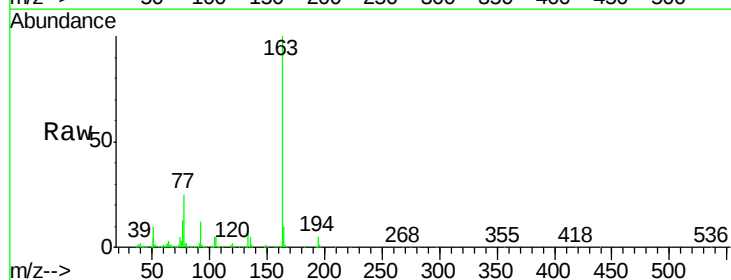
Instrument :
BNA_G
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SB-88-19.5-20.0

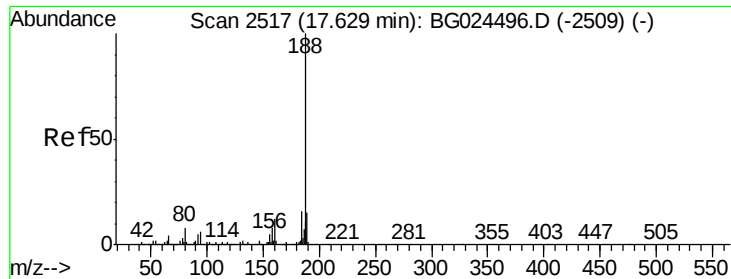
Tgt Ion:172 Resp: 1677962
Ion Ratio Lower Upper
172 100
171 39.4 32.2 48.2
170 25.7 21.8 32.6



#49
Dimethylphthalate
Concen: 23.57 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024680.D
Acq: 4 Nov 2016 13:22

Tgt Ion:163 Resp: 519446
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 9.8 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024680.D

Acq: 4 Nov 2016 13:22

Instrument :

BNA_G

ClientSampleId :

SB-88-19.5-20.0

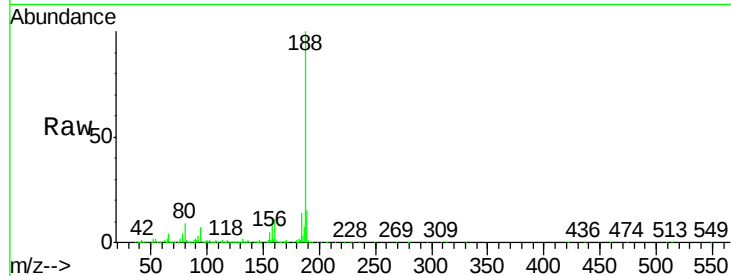
Tgt Ion:188 Resp: 766961

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.8

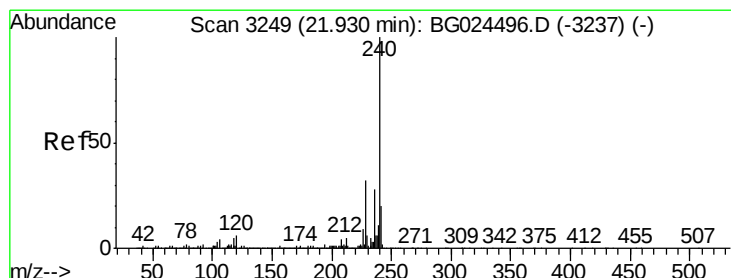
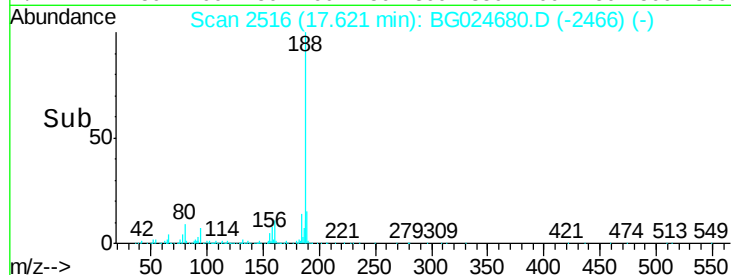
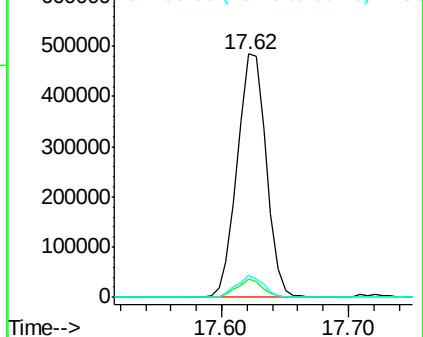
80 8.9 7.5 11.3



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: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024680.D

Acq: 4 Nov 2016 13:22

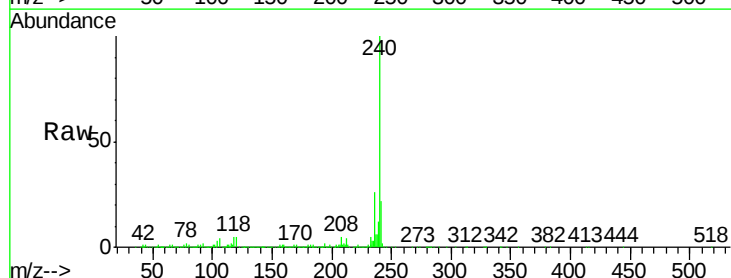
Tgt Ion:240 Resp: 1071574

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

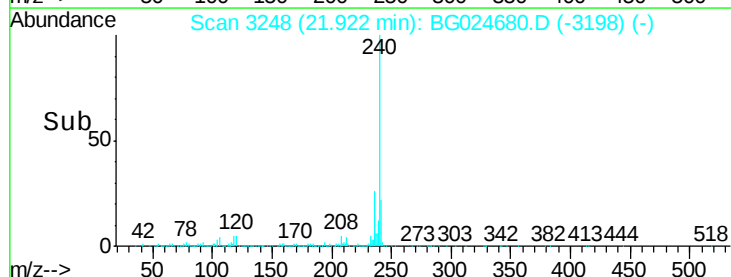
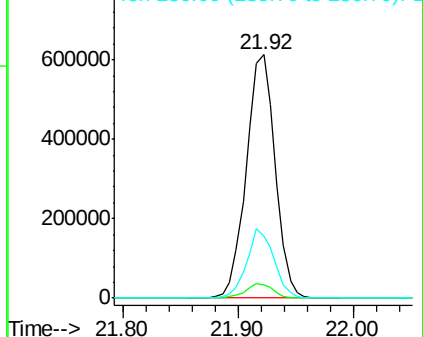
236 25.5 22.2 33.4

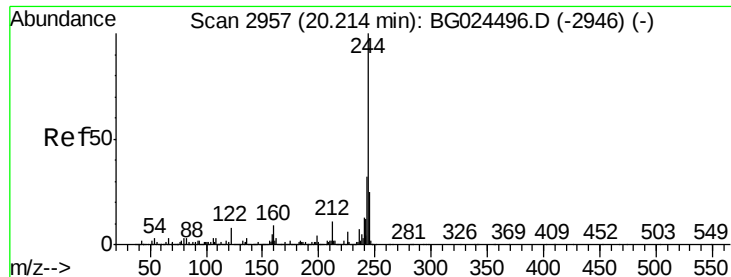


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.70 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024680.D

Acq: 4 Nov 2016 13:22

Instrument :

BNA_G

ClientSampleId :

SB-88-19.5-20.0

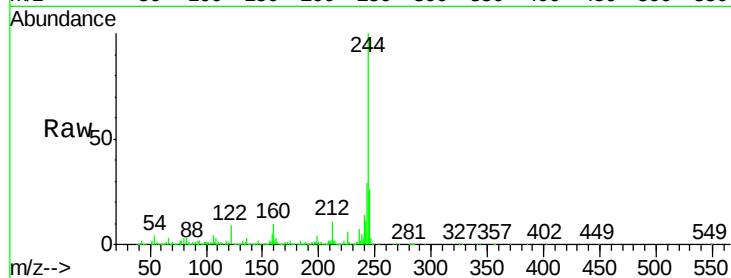
Tgt Ion:244 Resp: 2929866

Ion Ratio Lower Upper

244 100

212 10.9 10.0 15.0

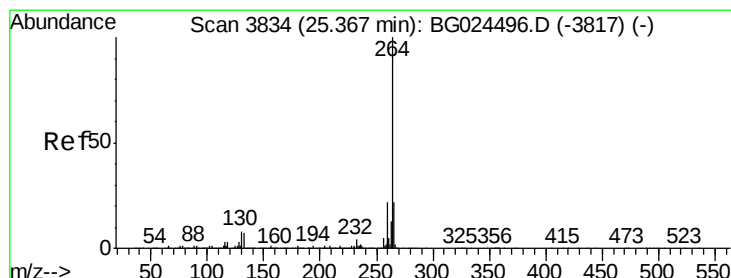
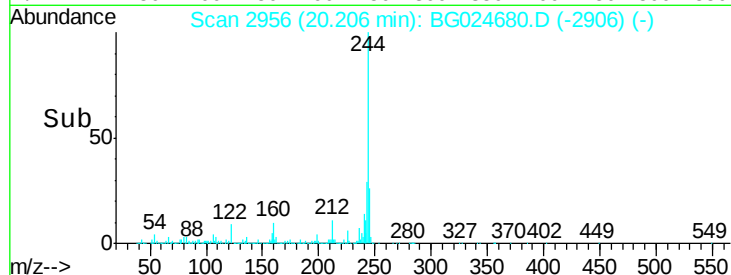
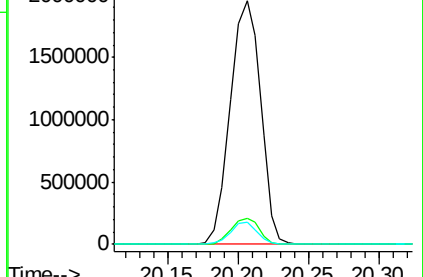
122 8.9 8.6 12.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.35 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BG024680.D

Acq: 4 Nov 2016 13:22

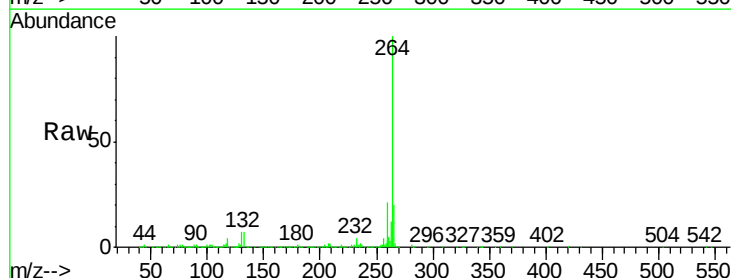
Tgt Ion:264 Resp: 1116757

Ion Ratio Lower Upper

264 100

260 21.4 21.8 32.8#

265 20.4 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

