

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
 Data File : BG028789.D
 Acq On : 16 Sep 2017 6:41
 Operator : SJ/JU
 Sample : I5207-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170611-COMP-B

Quant Time: Sep 18 01:16:59 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

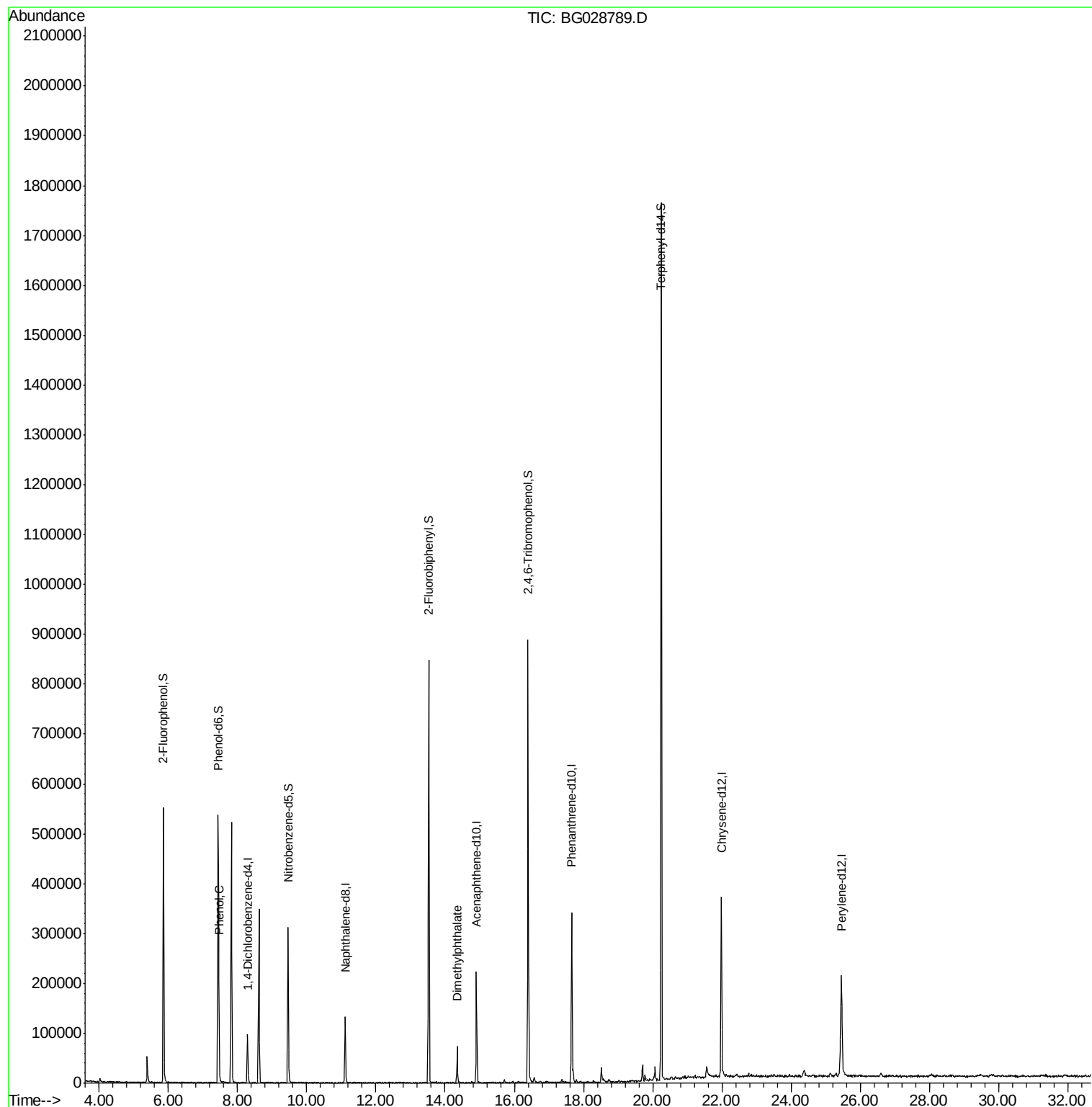
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27274	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	110124	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	81327	20.00	ng	-0.04
63) Phenanthrene-d10	17.65	188	231524	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	255046	20.00	ng	-0.05
86) Perylene-d12	25.45	264	263182	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	238686	144.40	ng	-0.05
7) Phenol-d6	7.44	99	333600	134.05	ng	-0.05
23) Nitrobenzene-d5	9.46	82	200712	87.19	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	202667	150.67	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	474437	77.79	ng	-0.03
78) Terphenyl-d14	20.25	244	844953	70.65	ng	-0.03
Target Compounds						
10) Phenol	7.47	94	8552	3.256	ng	Qvalue 85
49) Dimethylphthalate	14.35	163	54952	8.058	ng	# 97

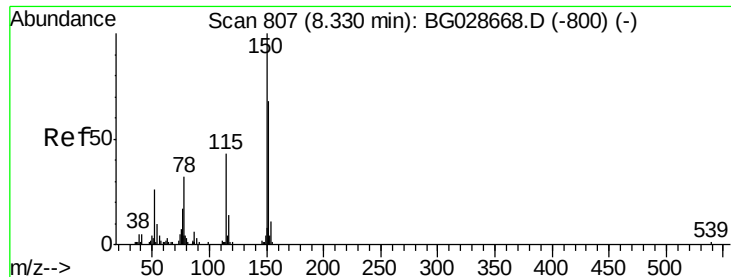
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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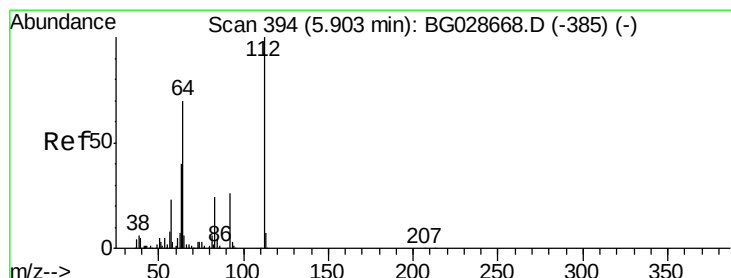
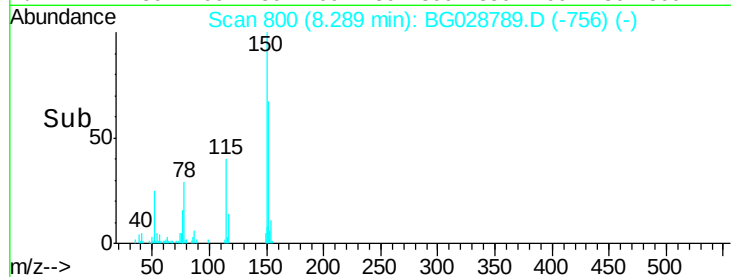
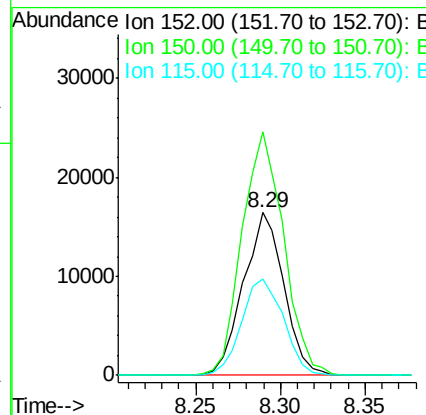
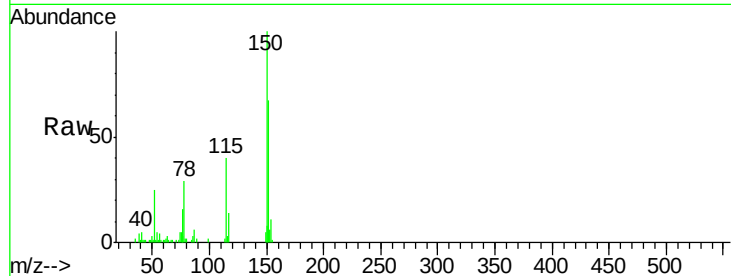


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028789.D
Acq: 16 Sep 2017 6:41

Instrument :
BNA_G
ClientSampleId :
20170611-COMP-B

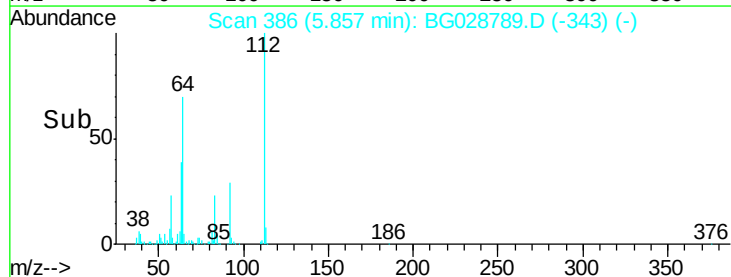
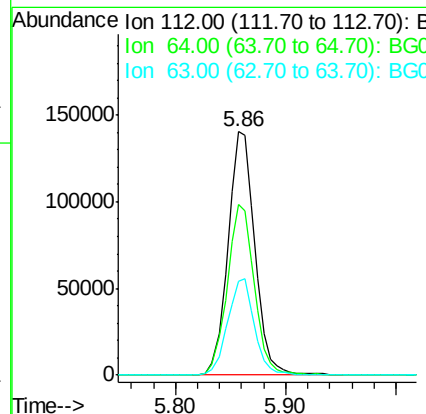
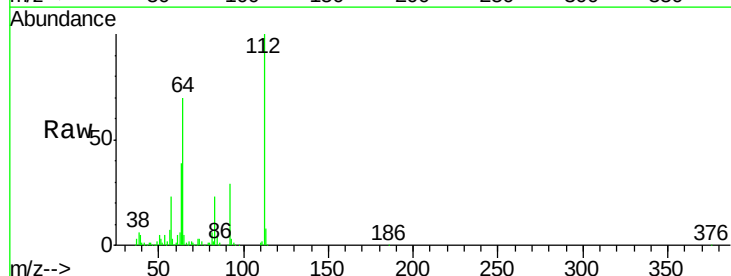
Tgt Ion:152 Resp: 27274
Ion Ratio Lower Upper
152 100
150 149.6 114.0 171.0
115 59.3 48.1 72.1

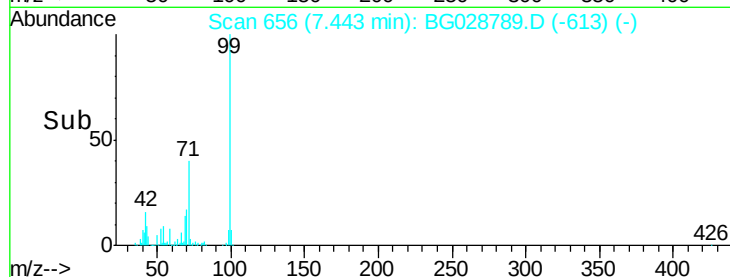
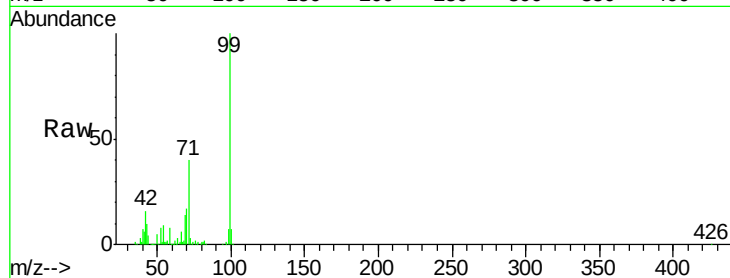
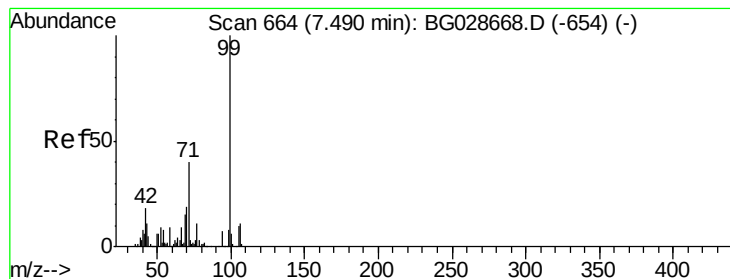


#5

2-Fluorophenol
Concen: 144.403 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028789.D
Acq: 16 Sep 2017 6:41

Tgt Ion:112 Resp: 238686
Ion Ratio Lower Upper
112 100
64 70.2 61.8 92.6
63 38.7 37.2 55.8





#7

Phenol-d6

Concen: 134.047 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

Instrument :

BNA_G

ClientSampleId :

20170611-COMP-B

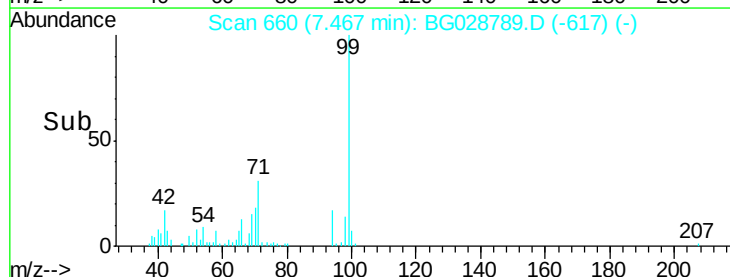
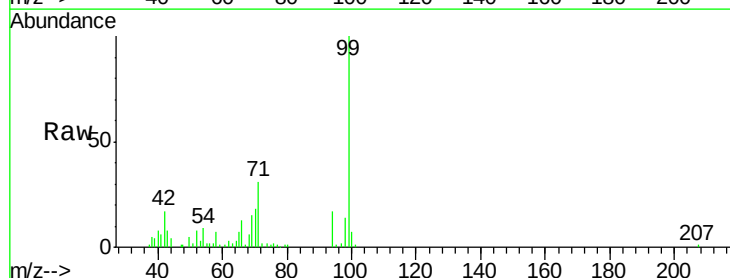
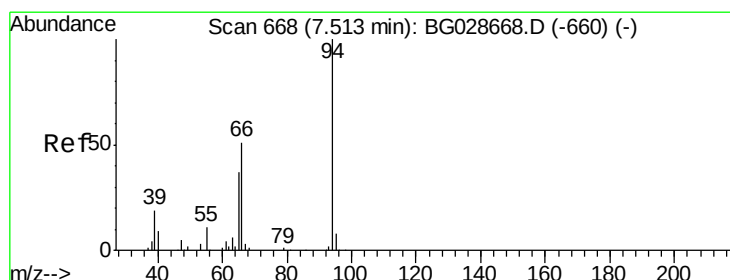
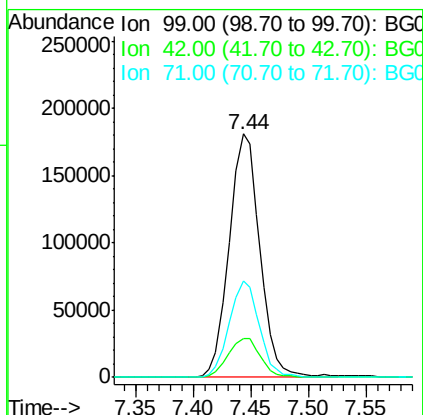
Tgt Ion: 99 Resp: 333600

Ion Ratio Lower Upper

99 100

42 16.1 20.5 30.7#

71 39.5 37.6 56.4



#10

Phenol

Concen: 3.256 ng

RT: 7.47 min Scan# 660

Delta R.T. -0.05 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

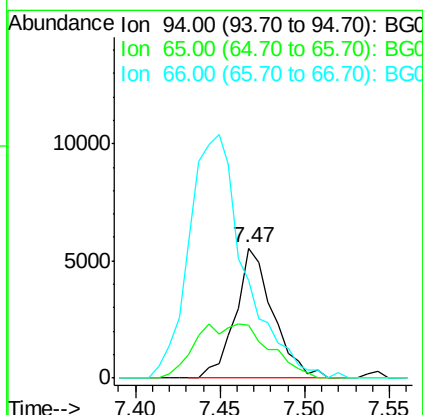
Tgt Ion: 94 Resp: 8552

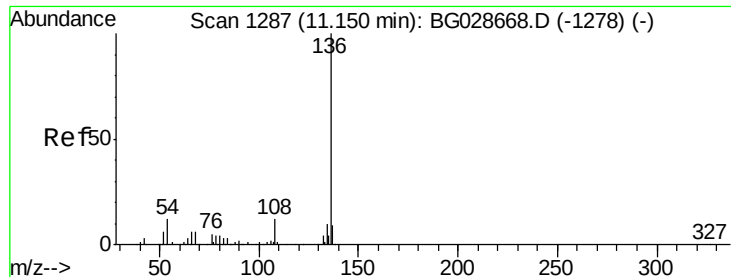
Ion Ratio Lower Upper

94 100

65 40.5 20.6 60.6

66 74.9 35.5 75.5

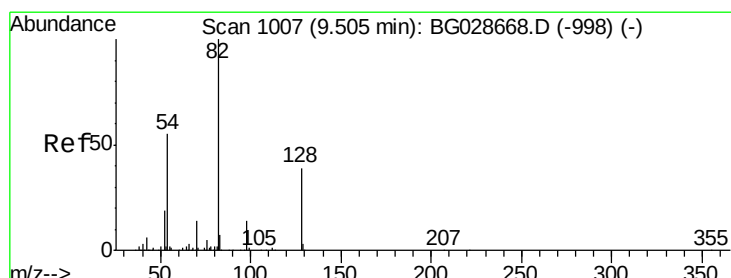
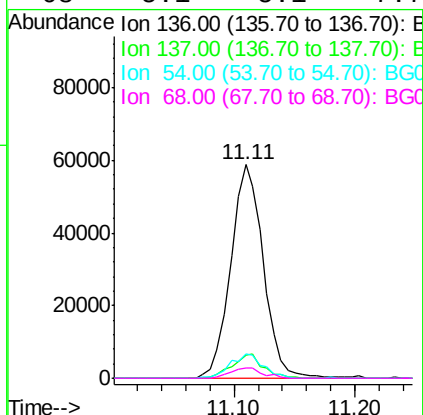
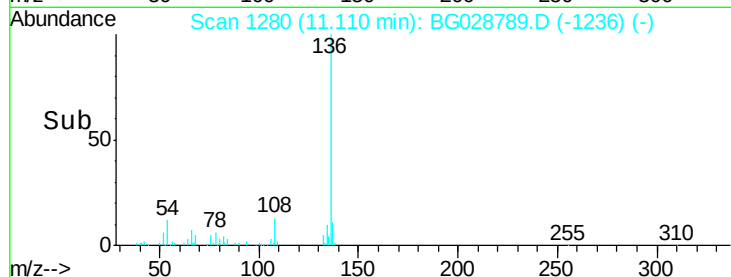
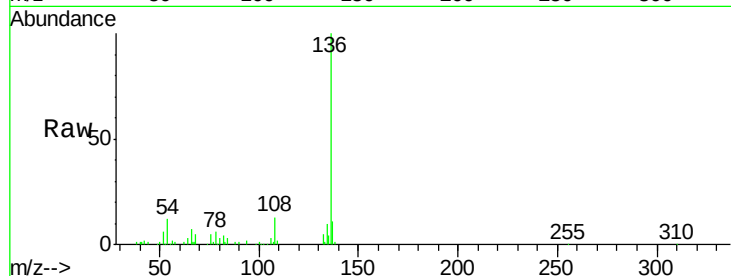




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028789.D
Acq: 16 Sep 2017 6:41

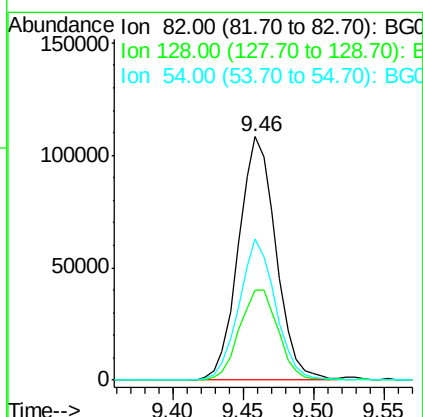
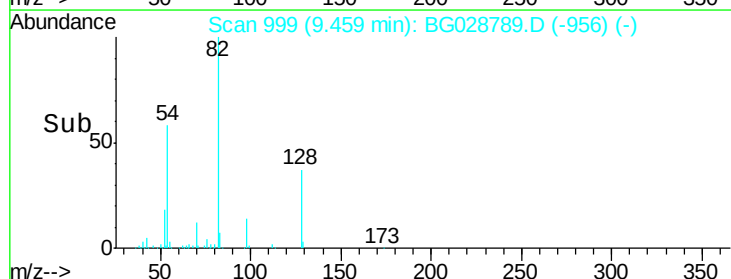
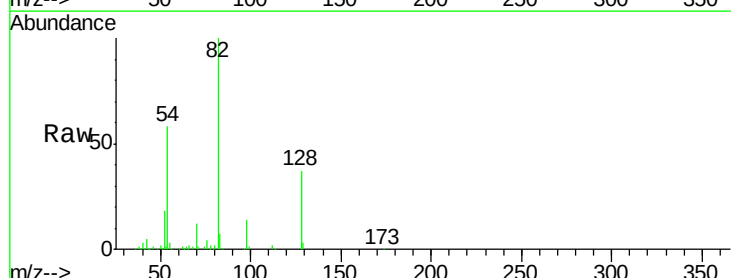
Instrument :
BNA_G
ClientSampleId :
20170611-COMP-B

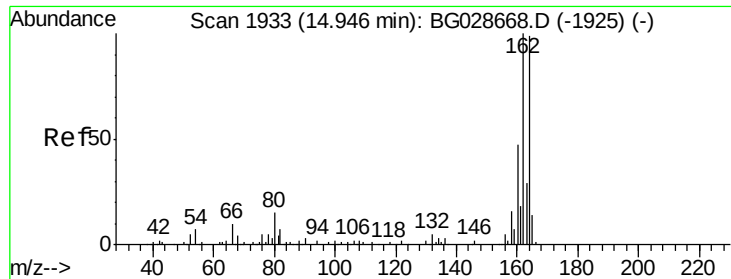
Tgt Ion:	136	Resp:	110124
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	11.7	9.3	13.9
68	5.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 87.188 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028789.D
Acq: 16 Sep 2017 6:41

Tgt Ion:	82	Resp:	200712
Ion	Ratio	Lower	Upper
82	100		
128	37.1	26.4	39.6
54	57.8	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.91 min Scan# 1926

Delta R.T. -0.04 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

Instrument :

BNA_G

ClientSampleId :

20170611-COMP-B

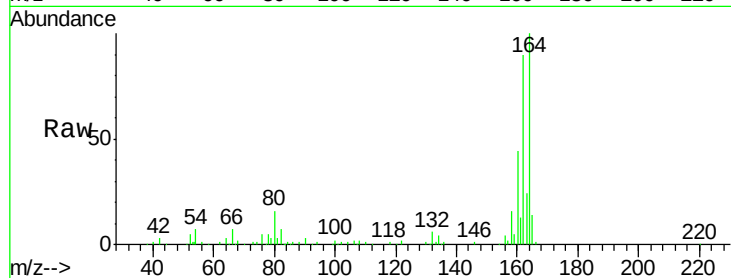
Tgt Ion:164 Resp: 81327

Ion Ratio Lower Upper

164 100

162 90.2 85.1 127.7

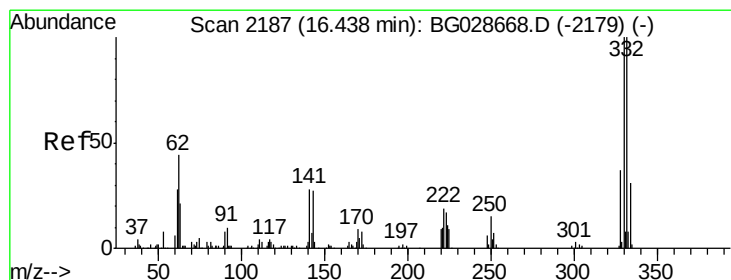
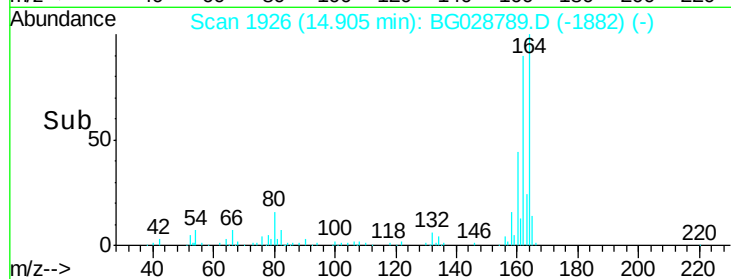
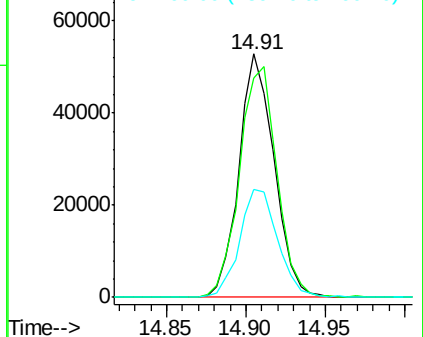
160 44.2 34.7 52.1



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: 150.671 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

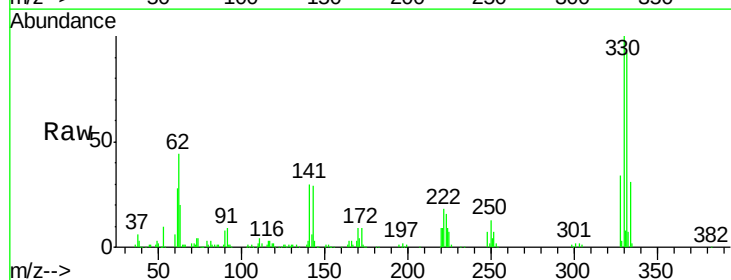
Tgt Ion:330 Resp: 202667

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

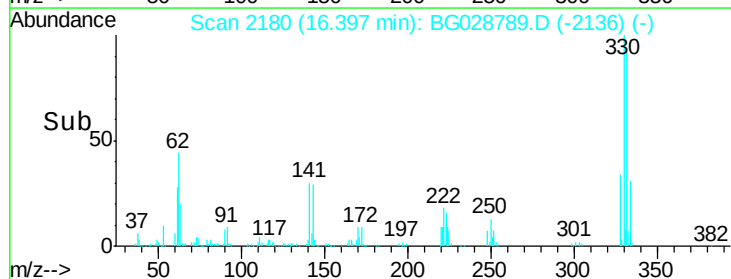
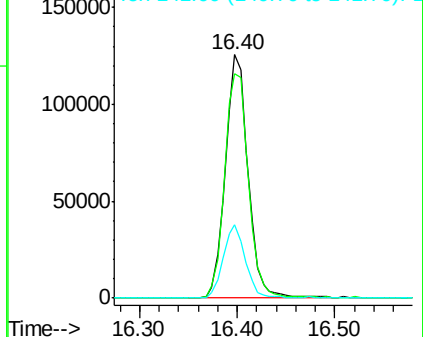
141 29.3 32.1 48.1#

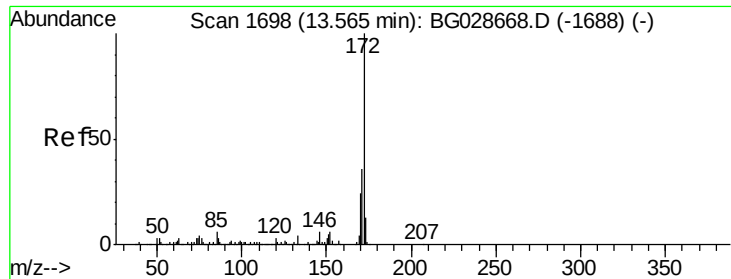


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

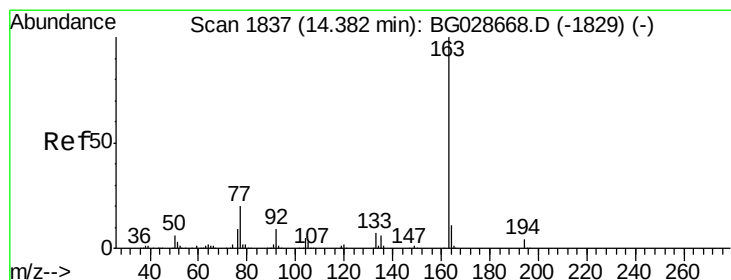
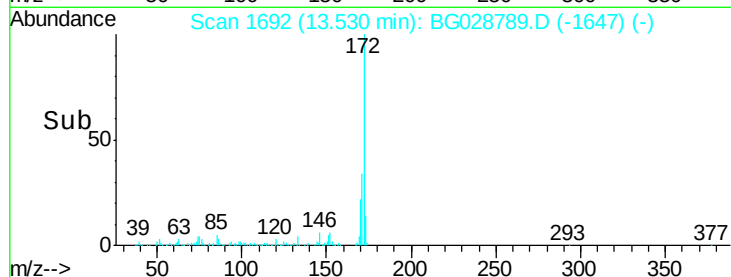
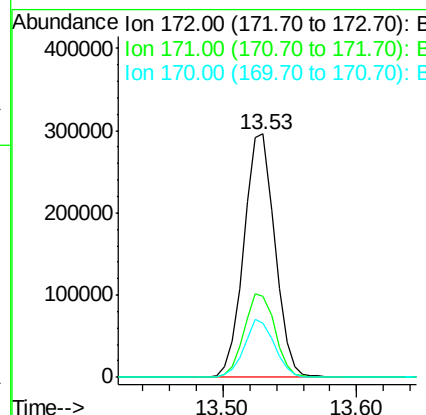
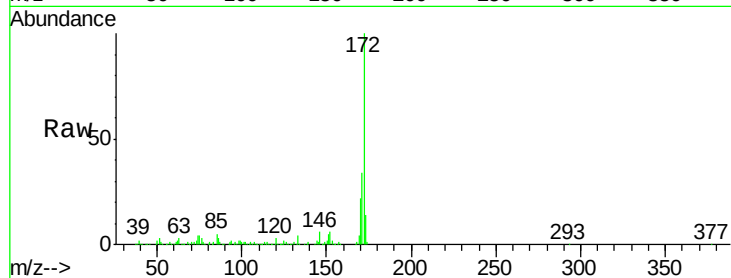




#44
2-Fluorobiphenyl
Concen: 77.788 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.03 min
Lab File: BG028789.D
Acq: 16 Sep 2017 6:41

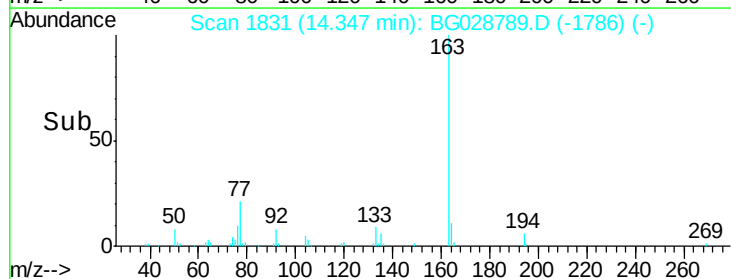
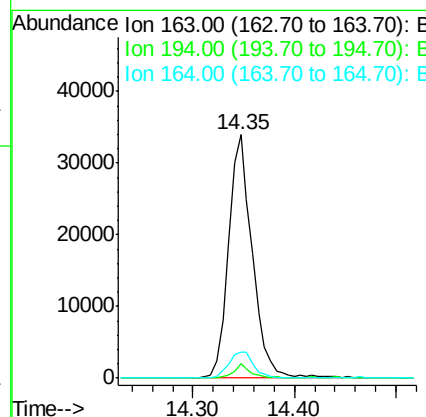
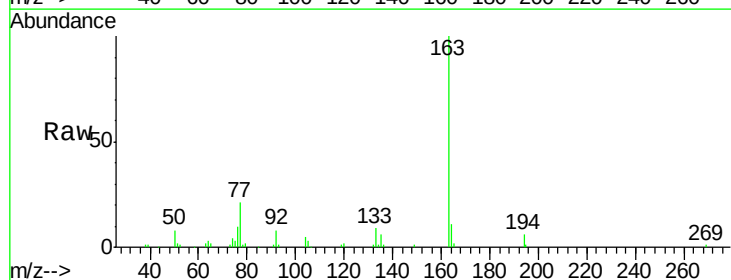
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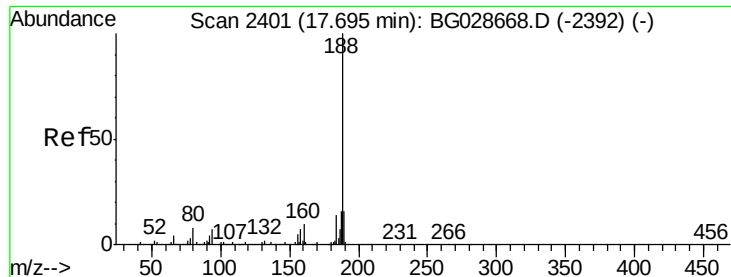
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	32.2	48.2
170	22.1	21.8	32.6



#49
Dimethylphthalate
Concen: 8.058 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BG028789.D
Acq: 16 Sep 2017 6:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.8	5.6#
164	10.6	9.3	13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2394

Delta R.T. -0.04 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

Instrument :

BNA_G

ClientSampleId :

20170611-COMP-B

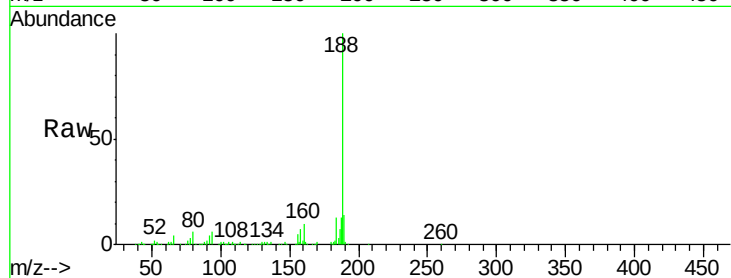
Tgt Ion:188 Resp: 231524

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

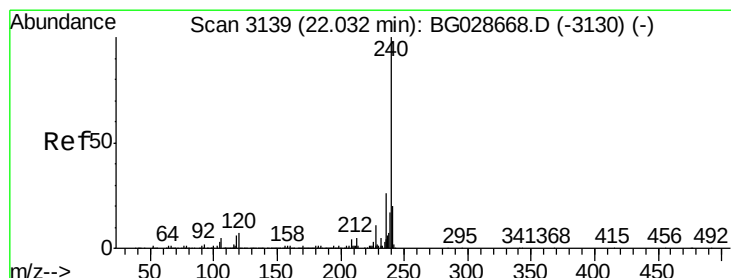
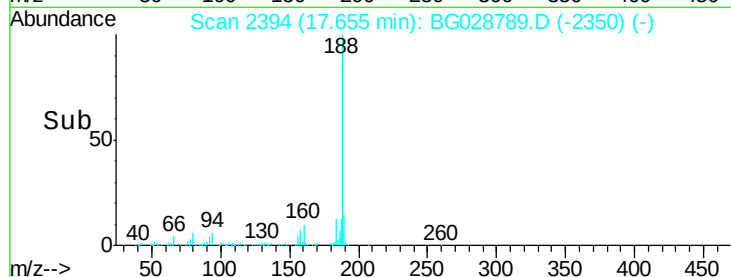
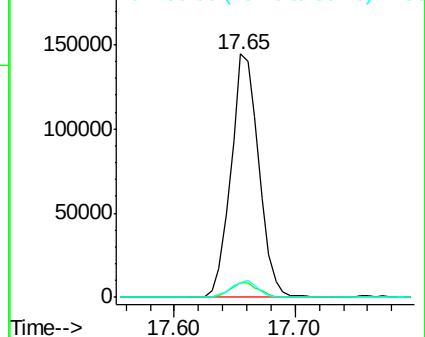
80 6.2 7.5 11.3#



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: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

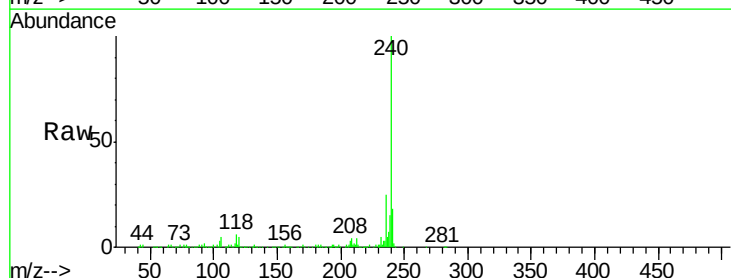
Tgt Ion:240 Resp: 255046

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

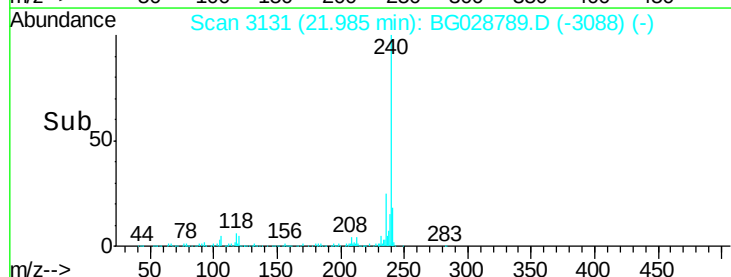
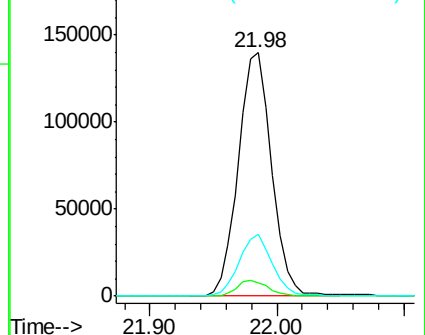
236 25.3 22.2 33.4

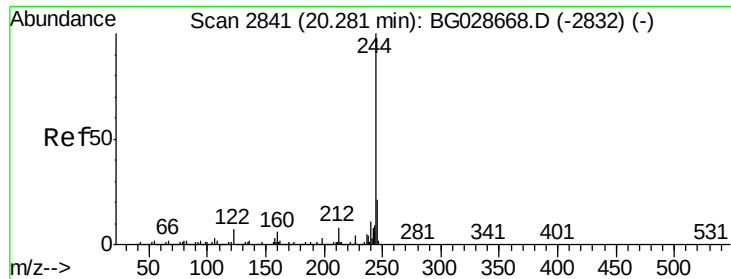


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.651 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

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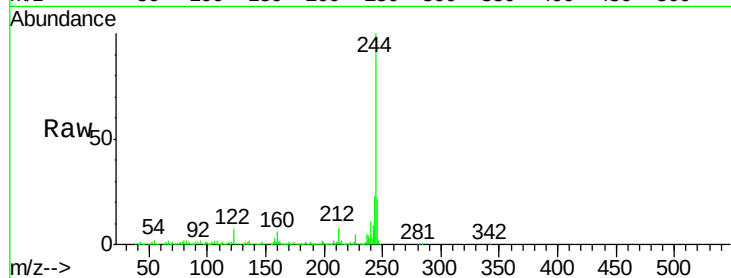
Tgt Ion:244 Resp: 844953

Ion Ratio Lower Upper

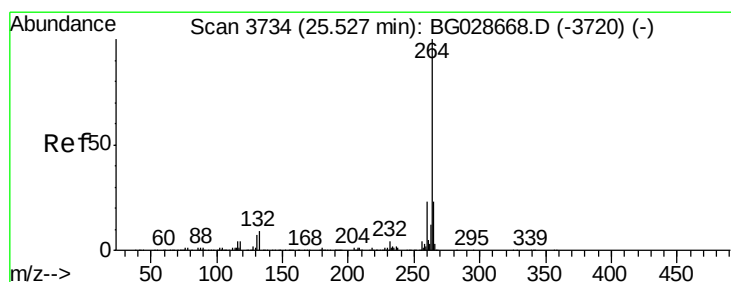
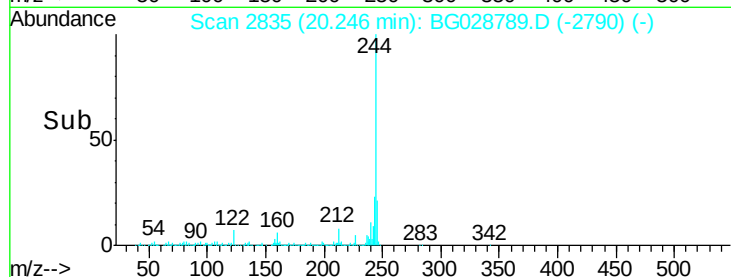
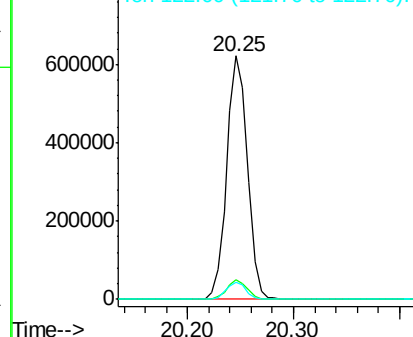
244 100

212 7.8 10.0 15.0#

122 7.1 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: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028789.D

Acq: 16 Sep 2017 6:41

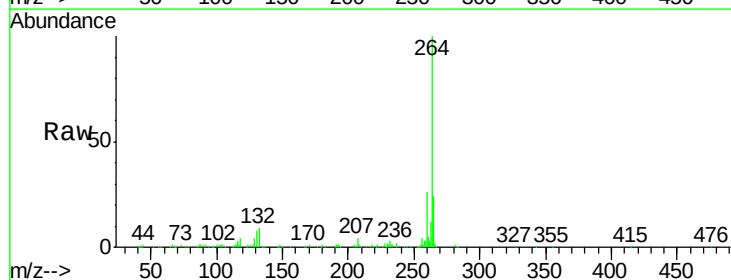
Tgt Ion:264 Resp: 263182

Ion Ratio Lower Upper

264 100

260 25.6 21.8 32.8

265 24.3 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

